

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064548.D
 Acq On : 11 Nov 2020 12:24
 Operator : JC/MD
 Sample : VN1111WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Quant Time: Nov 12 01:31:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	295476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	493946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	252755	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.55	113	175808	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.06	98	641640	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.38	95	235061	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.84	85	71189	18.508	ug/l	98
3) Chloromethane	2.04	50	80116	17.148	ug/l	99
4) Vinyl Chloride	2.17	62	86036	17.933	ug/l	97
5) Bromomethane	2.54	94	58720	19.159	ug/l	91
6) Chloroethane	2.68	64	55703	18.135	ug/l	98
7) Trichlorofluoromethane	2.99	101	132249	18.720	ug/l	97
8) Diethyl Ether	3.37	74	50781	20.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	62519	18.636	ug/l	98
10) Methyl Iodide	3.90	142	73260	18.794	ug/l	99
11) Tert butyl alcohol	4.75	59	55903	98.494	ug/l	99
12) 1,1-Dichloroethene	3.69	96	57152	18.086	ug/l	99
13) Acrolein	3.57	56	29157	82.818	ug/l	98
14) Allyl chloride	4.28	41	108186	17.501	ug/l	97
15) Acrylonitrile	4.94	53	159959	101.227	ug/l	99
16) Acetone	3.78	43	176229	89.890	ug/l	99
17) Carbon Disulfide	4.01	76	166118	17.578	ug/l	99
18) Methyl Acetate	4.29	43	78385	20.337	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	207571	18.251	ug/l	99
20) Methylene Chloride	4.50	84	71956	18.499	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	61343	17.097	ug/l	97
22) Diisopropyl ether	5.91	45	238528	18.178	ug/l	99
23) Vinyl Acetate	5.85	43	973391	91.186	ug/l	98
24) 1,1-Dichloroethane	5.80	63	133355	18.494	ug/l	98
25) 2-Butanone	6.79	43	233999	93.677	ug/l	96
26) 2,2-Dichloropropane	6.77	77	117187	17.953	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	78453	18.870	ug/l	93
28) Bromochloromethane	7.15	49	59501	16.788	ug/l	99
29) Tetrahydrofuran	7.17	42	140615	91.753	ug/l	97
30) Chloroform	7.33	83	143072	18.876	ug/l	98
31) Cyclohexane	7.61	56	101454	16.216	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	123872	18.426	ug/l	98
36) 1,1-Dichloropropene	7.76	75	94267	17.291	ug/l	96
37) Ethyl Acetate	6.89	43	95526	17.763	ug/l	98
38) Carbon Tetrachloride	7.73	117	107162	18.391	ug/l	99

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Quant Time: Nov 12 01:31:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85291	17.452	ug/l	95
40) Benzene	8.00	78	288563	18.012	ug/l	99
41) Methacrylonitrile	7.13	41	35233	14.577	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	124340	19.232	ug/l	98
43) Isopropyl Acetate	8.13	43	165427	18.723	ug/l	99
44) Trichloroethene	8.80	130	70944	17.552	ug/l	99
45) 1,2-Dichloropropane	9.08	63	77328	18.090	ug/l	97
46) Dibromomethane	9.17	93	54377	19.324	ug/l	100
47) Bromodichloromethane	9.37	83	118526	19.589	ug/l	98
48) Methyl methacrylate	9.17	41	83058	18.630	ug/l	98
49) 1,4-Dioxane	9.17	88	23495	400.105	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	508826	98.754	ug/l	100
52) Toluene	10.13	92	179295	18.349	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	118722	18.508	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	126685	18.472	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74151	19.459	ug/l	97
56) Ethyl methacrylate	10.40	69	100305	17.250	ug/l	97
57) 1,3-Dichloropropane	10.68	76	127667	19.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	271677	105.341	ug/l	99
59) 2-Hexanone	10.72	43	360398	88.424	ug/l	99
60) Dibromochloromethane	10.87	129	84329	19.766	ug/l	98
61) 1,2-Dibromoethane	10.98	107	76009	19.665	ug/l	100
64) Tetrachloroethene	10.60	164	67661	17.783	ug/l	95
65) Chlorobenzene	11.41	112	190142	17.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	75318	18.645	ug/l	98
67) Ethyl Benzene	11.49	91	328841	17.073	ug/l	99
68) m/p-Xylenes	11.59	106	246327	35.264	ug/l	98
69) o-Xylene	11.92	106	116252	17.223	ug/l	100
70) Styrene	11.94	104	197108	17.354	ug/l	98
71) Bromoform	12.10	173	53139	18.347	ug/l #	99
73) Isopropylbenzene	12.23	105	303207	17.444	ug/l	98
74) N-amyl acetate	12.05	43	133574	16.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	103471	19.381	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	141818	26.766	ug/l #	100
77) Bromobenzene	12.50	156	74188	17.483	ug/l	93
78) n-propylbenzene	12.57	91	352706	17.799	ug/l	99
79) 2-Chlorotoluene	12.65	91	223562	17.788	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	258571	18.033	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	32244	16.992	ug/l	91
82) 4-Chlorotoluene	12.75	91	239603	18.204	ug/l	100
83) tert-Butylbenzene	12.97	119	196811	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	256373	17.786	ug/l	100
85) sec-Butylbenzene	13.15	105	260645	18.377	ug/l	100
86) p-Isopropyltoluene	13.26	119	228782	17.933	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	132997	18.131	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	131596	17.359	ug/l	98
89) n-Butylbenzene	13.59	91	190636	17.380	ug/l	99
90) Hexachloroethane	13.85	117	46807	19.020	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	135278	19.172	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22534	21.200	ug/l	96

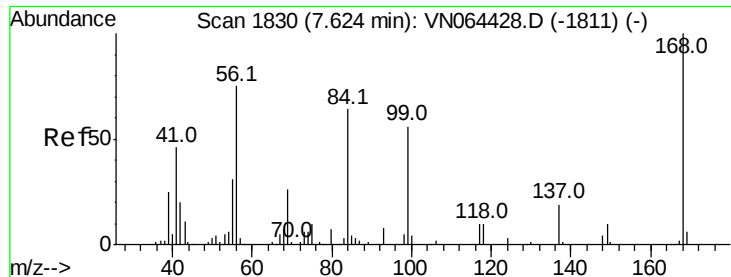
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064548.D
Acq On : 11 Nov 2020 12:24
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Quant Time: Nov 12 01:31:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53368	17.062	ug/l	99
94) Hexachlorobutadiene	14.98	225	27906	19.425	ug/l	100
95) Naphthalene	15.11	128	167400	16.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	56283	18.434	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

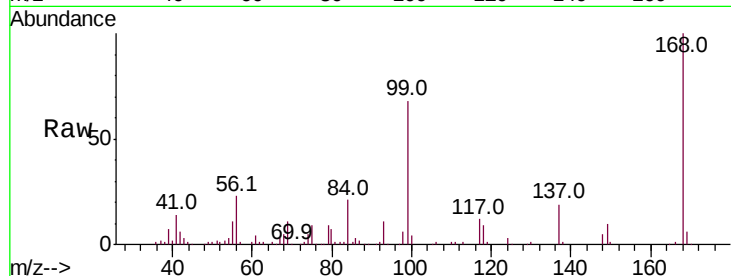
VN1111WBSD01

Tot Ion:168 Resp: 295476

Ion Ratio Lower Upper

168 100

99 67.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

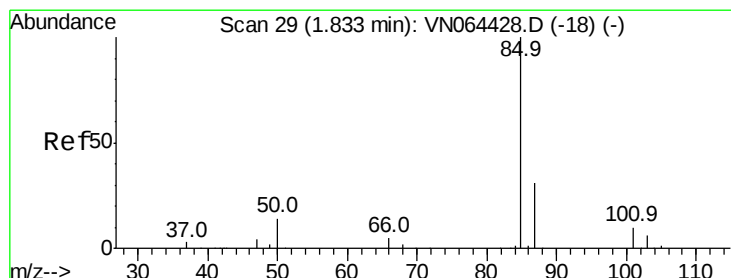
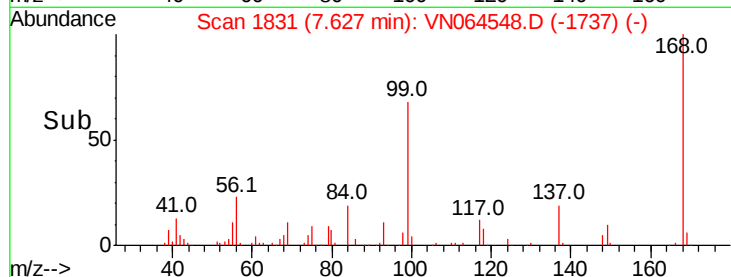
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.508 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064548.D

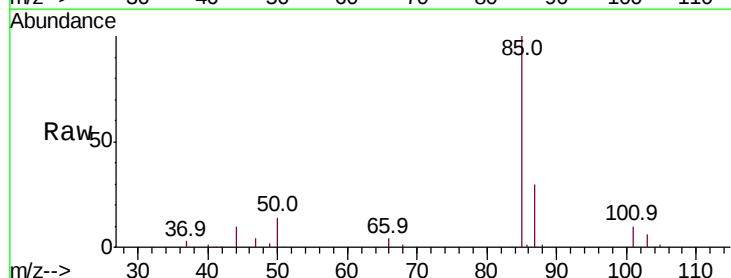
Acq: 11 Nov 2020 12:24

Tgt Ion: 85 Resp: 71189

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

60000

50000

40000

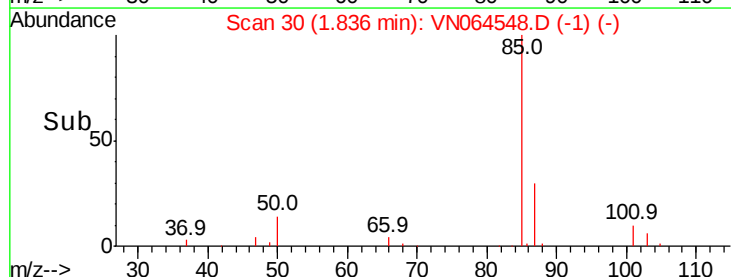
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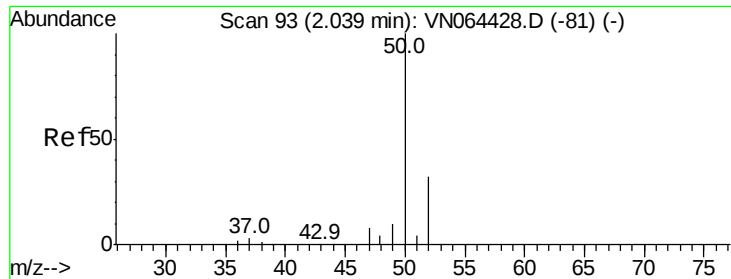
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.148 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

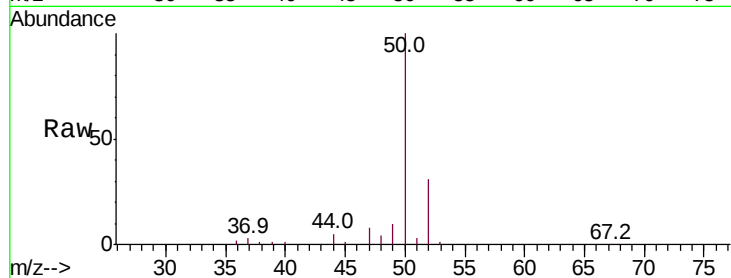
VN1111WBSD01

Tot Ion: 50 Resp: 80116

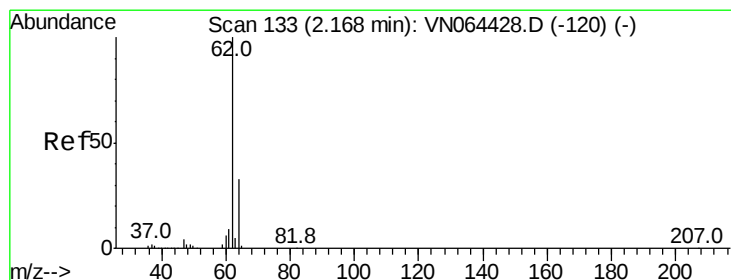
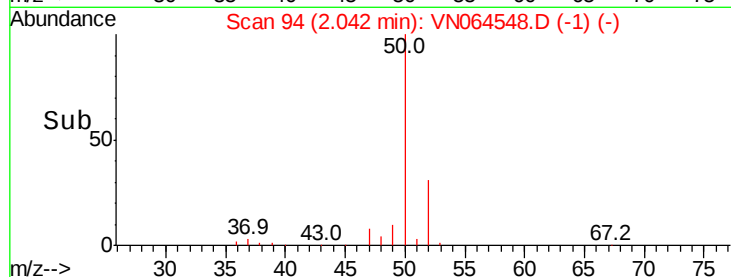
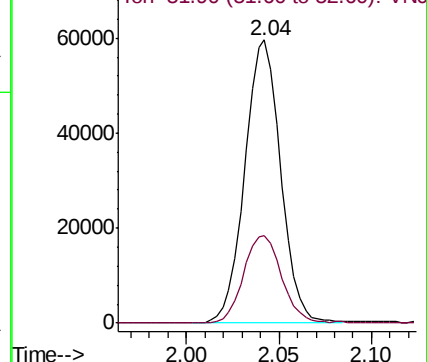
Ion Ratio Lower Upper

50 100

52 30.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.933 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064548.D

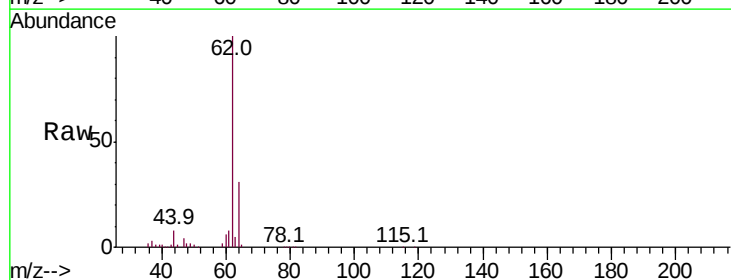
Acq: 11 Nov 2020 12:24

Tgt Ion: 62 Resp: 86036

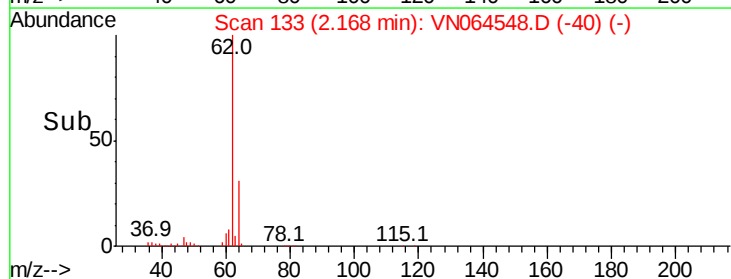
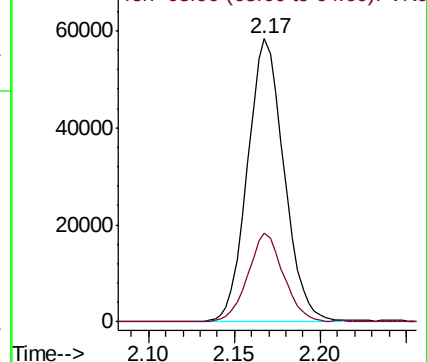
Ion Ratio Lower Upper

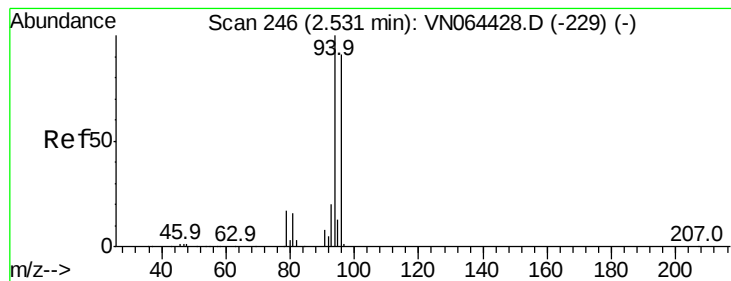
62 100

64 31.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.159 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

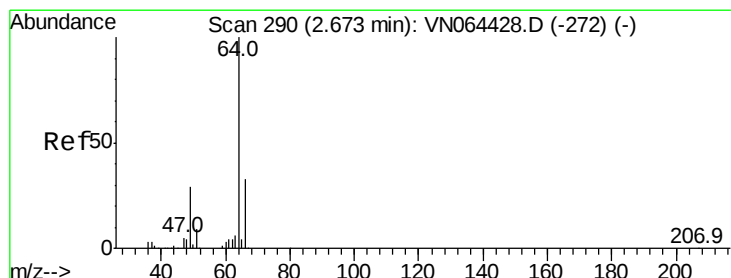
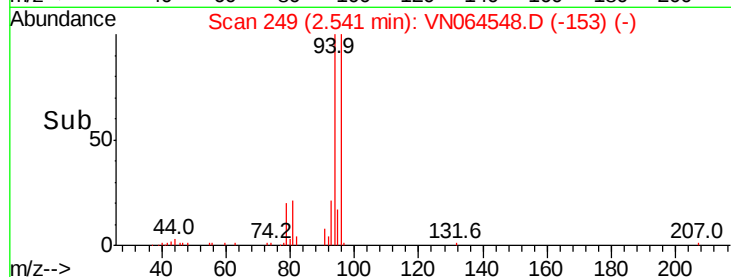
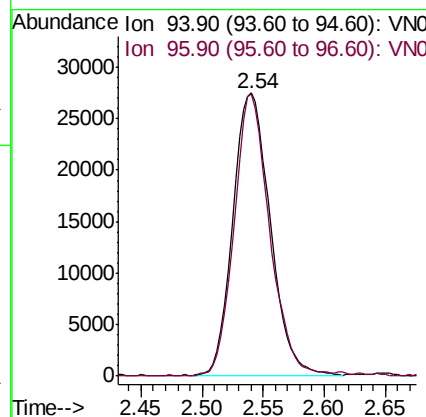
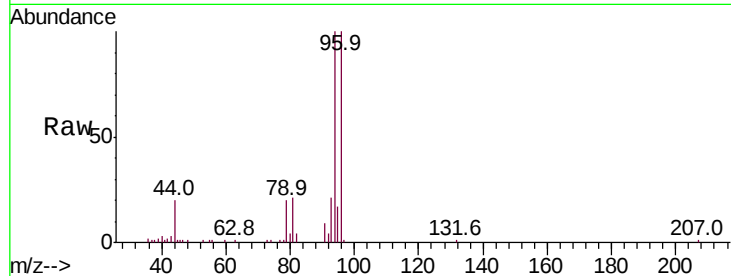
VN1111WBSD01

Tot Ion: 94 Resp: 58720

Ion Ratio Lower Upper

94 100

96 99.7 73.1 109.7



#6

Chloroethane

Concen: 18.135 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064548.D

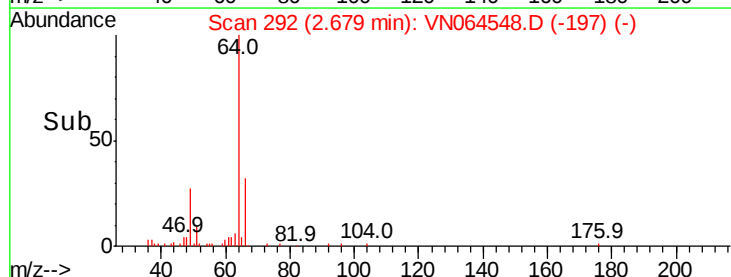
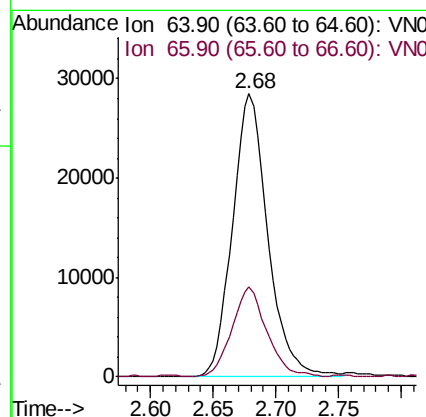
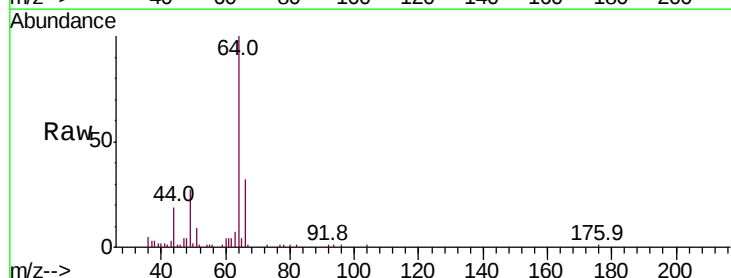
Acq: 11 Nov 2020 12:24

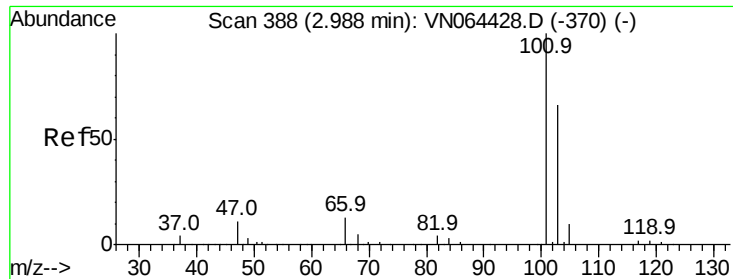
Tgt Ion: 64 Resp: 55703

Ion Ratio Lower Upper

64 100

66 31.6 26.1 39.1



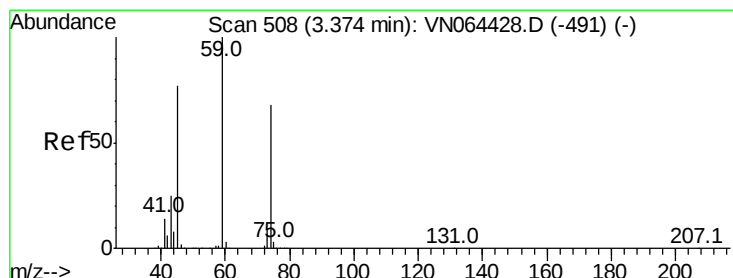
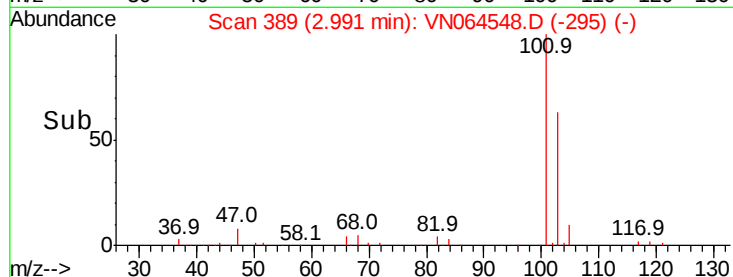
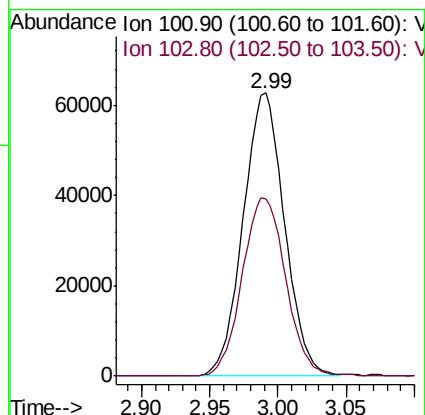
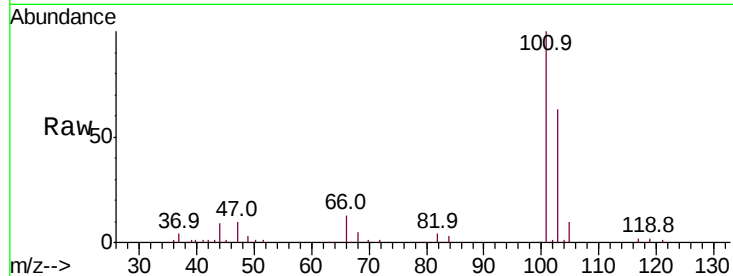


#7

Trichlorofluoromethane
 Concen: 18.720 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

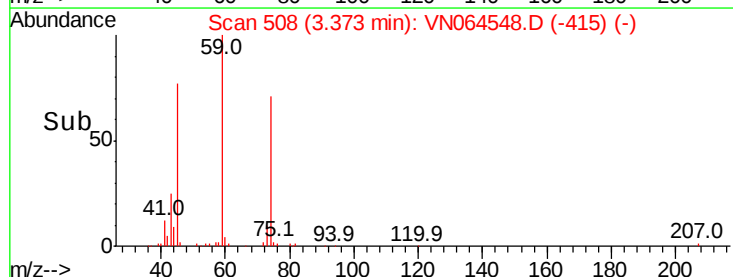
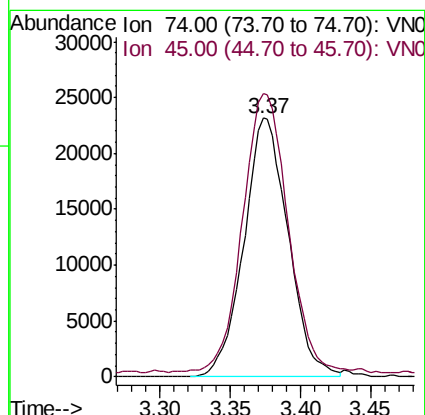
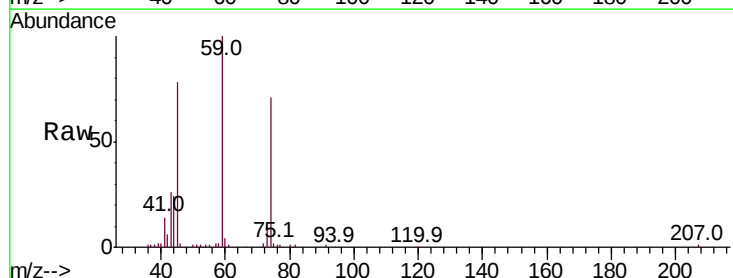
Tot Ion:101 Resp: 132249
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.4 78.6

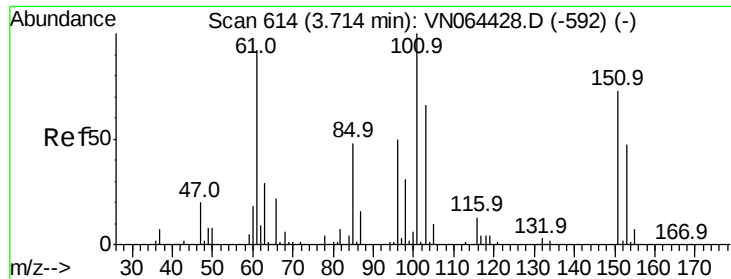


#8

Diethyl Ether
 Concen: 20.355 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 74 Resp: 50781
 Ion Ratio Lower Upper
 74 100
 45 108.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.636 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

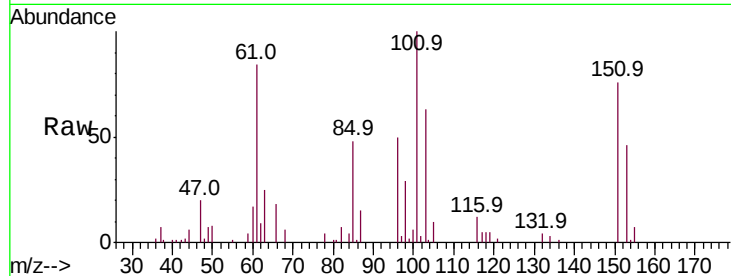
Tot Ion:101 Resp: 62519

Ion Ratio Lower Upper

101 100

85 46.9 38.6 57.8

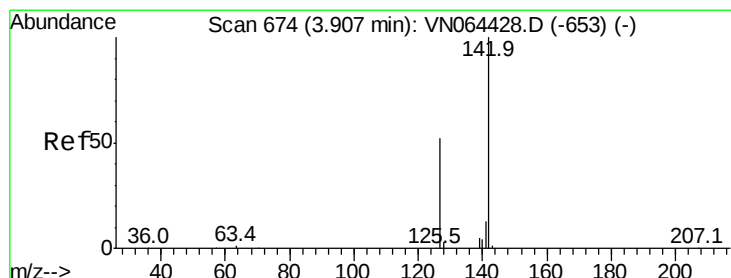
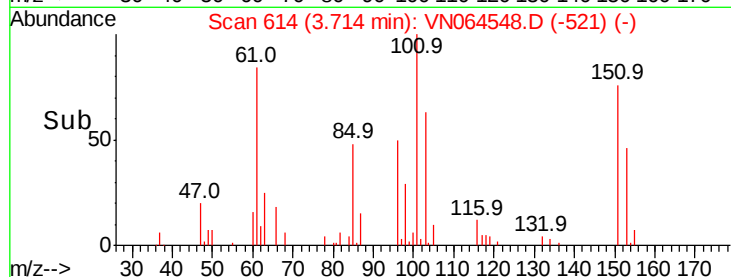
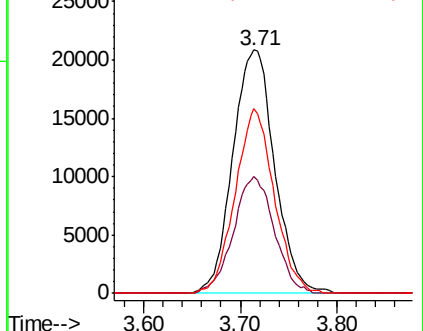
151 70.8 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.794 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

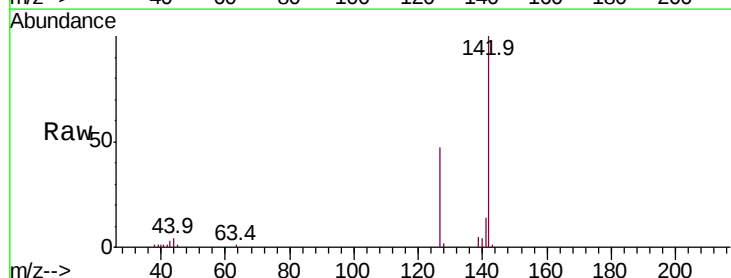
Tgt Ion:142 Resp: 73260

Ion Ratio Lower Upper

142 100

127 52.1 41.8 62.8

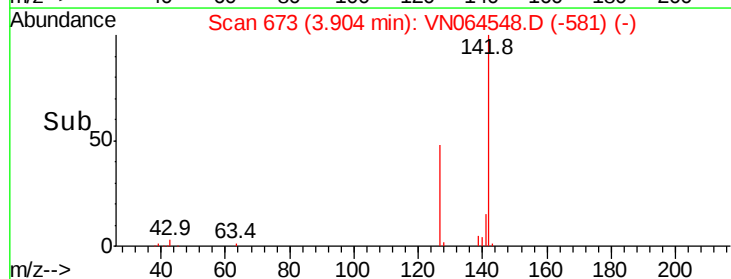
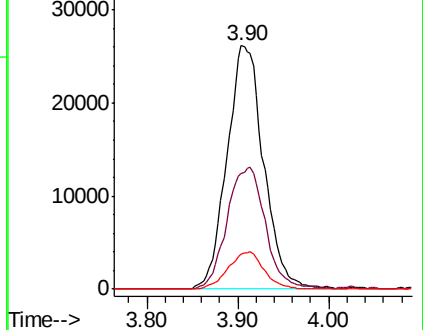
141 14.9 11.4 17.2

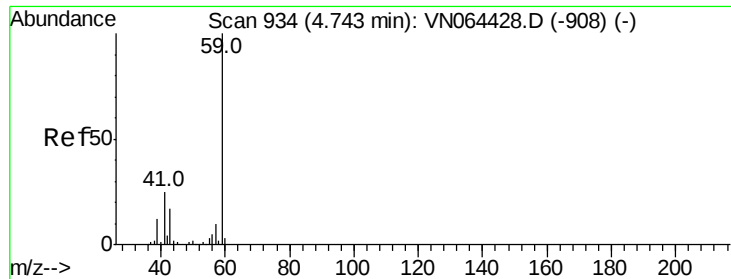


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



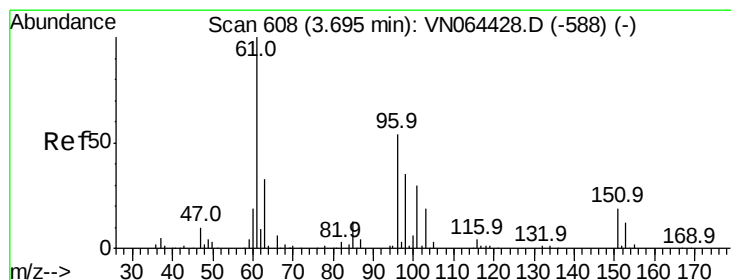
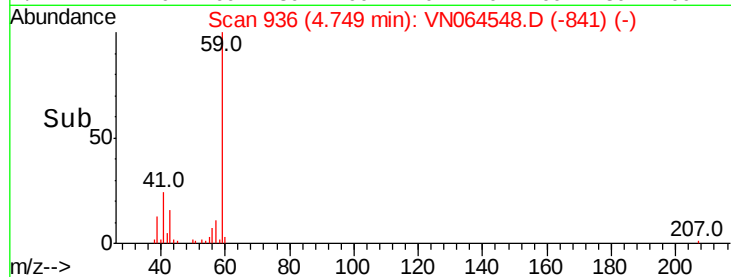
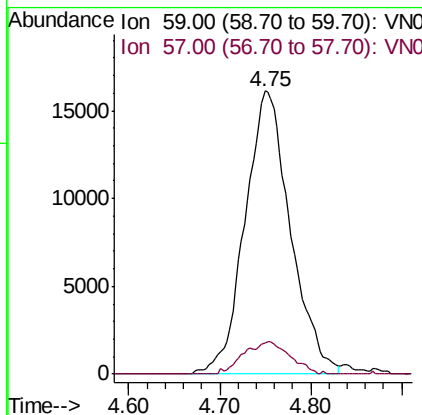
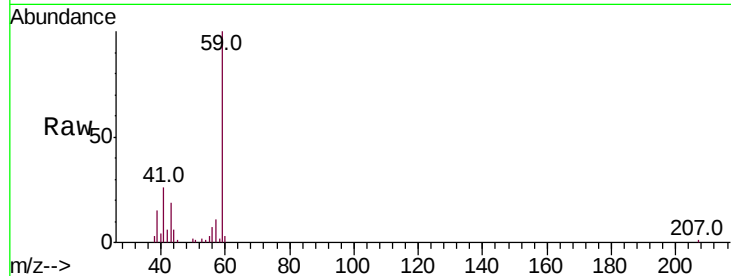


#11

Tert butyl alcohol
 Concen: 98.494 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

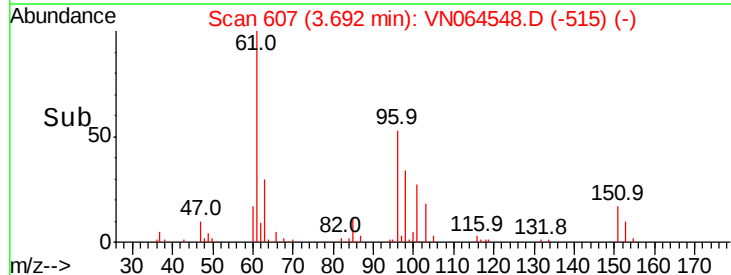
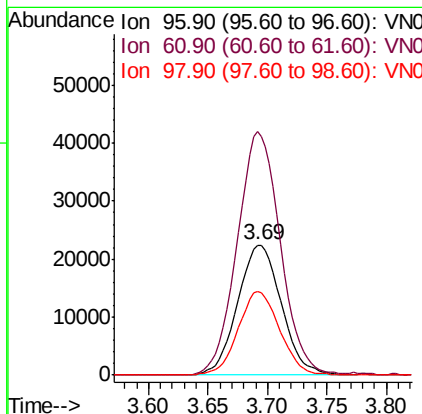
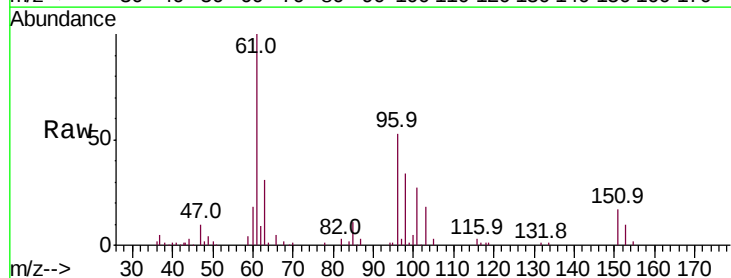
Tot Ion: 59 Resp: 55903
 Ion Ratio Lower Upper
 59 100
 57 11.6 9.0 13.4

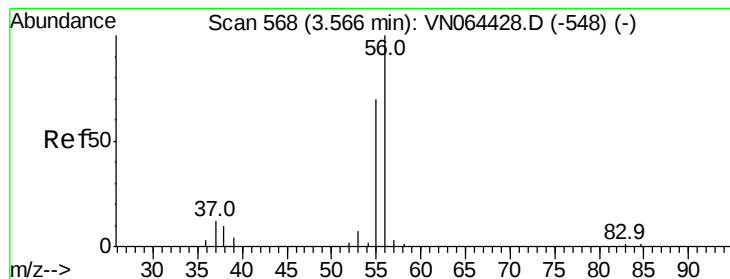


#12

1,1-Dichloroethene
 Concen: 18.086 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 96 Resp: 57152
 Ion Ratio Lower Upper
 96 100
 61 187.7 149.5 224.3
 98 64.6 52.4 78.6





#13

Acrolein

Concen: 82.818 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

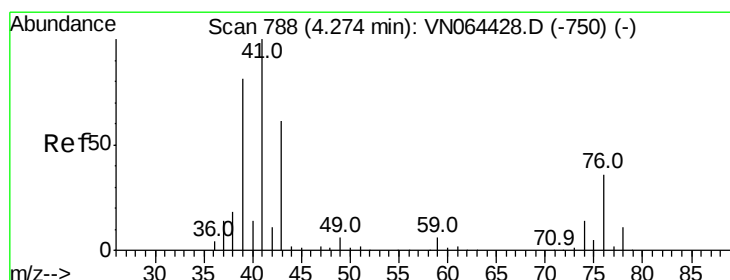
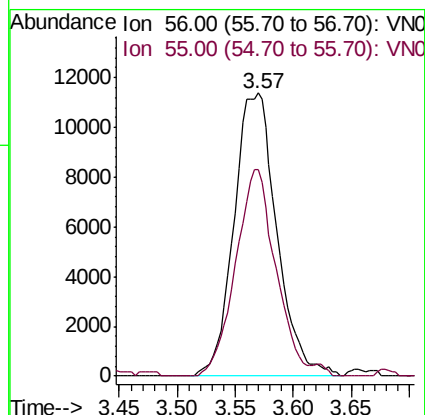
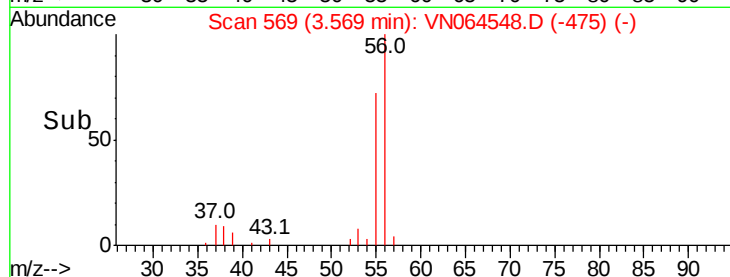
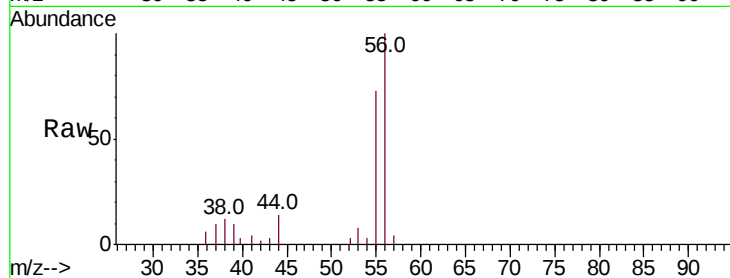
VN1111WBSD01

Tot Ion: 56 Resp: 29157

Ion Ratio Lower Upper

56 100

55 68.2 55.9 83.9



#14

Allyl chloride

Concen: 17.501 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

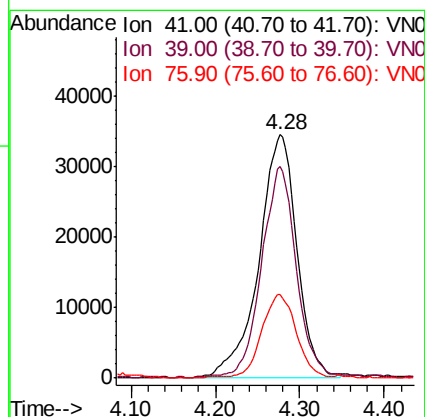
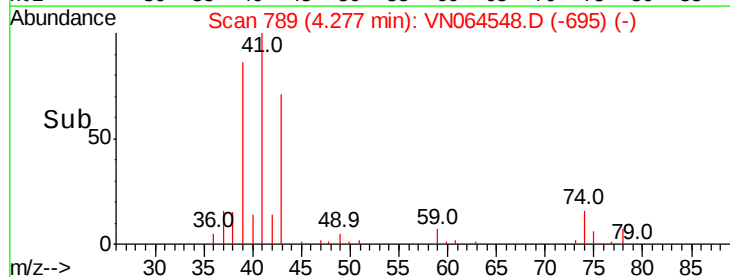
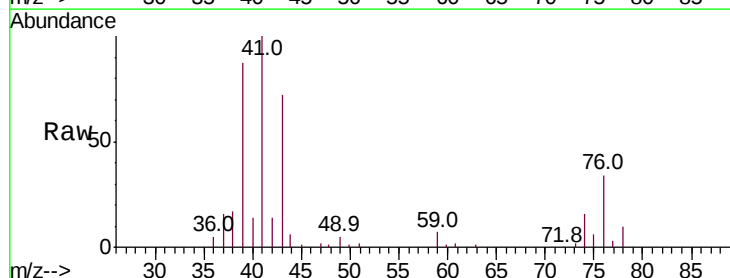
Tgt Ion: 41 Resp: 108186

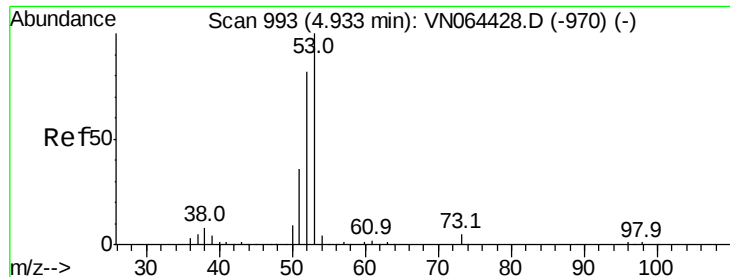
Ion Ratio Lower Upper

41 100

39 80.1 61.8 92.8

76 30.1 25.4 38.0





#15

Acrylonitrile

Concen: 101.227 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

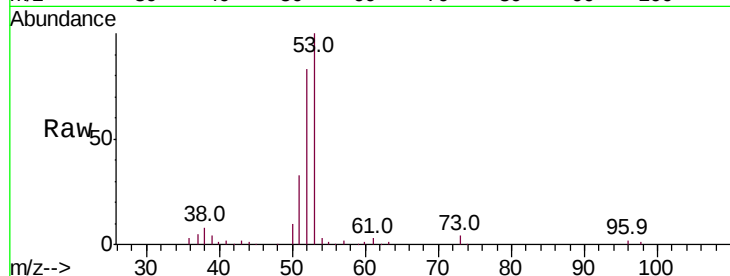
Tot Ion: 53 Resp: 159959

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

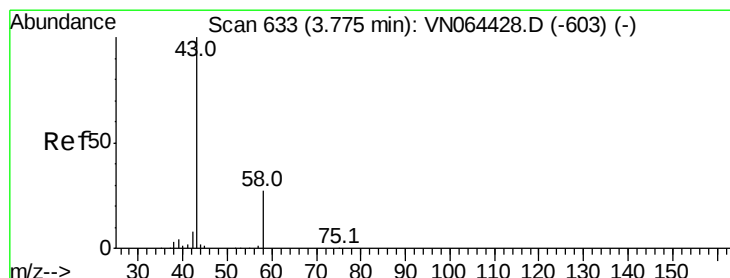
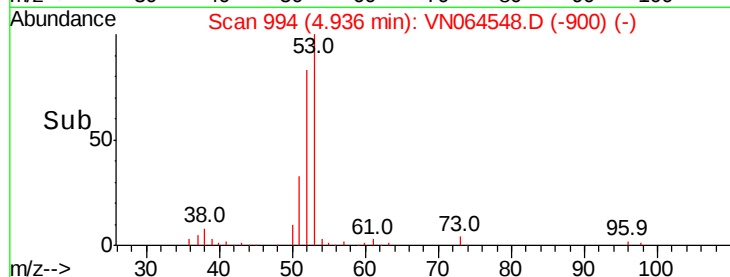
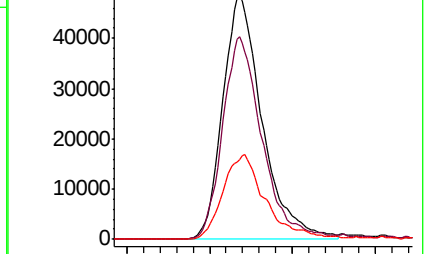
51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 89.890 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064548.D

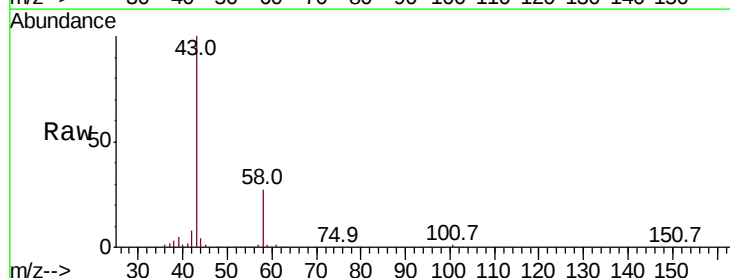
Acq: 11 Nov 2020 12:24

Tgt Ion: 43 Resp: 176229

Ion Ratio Lower Upper

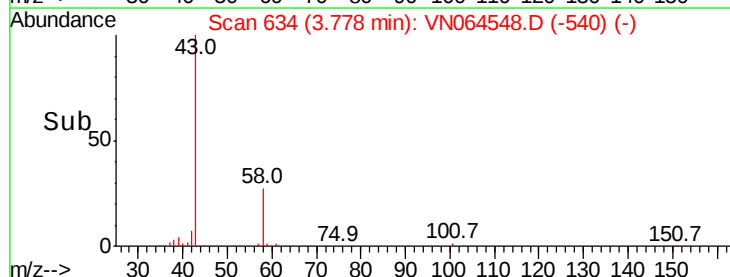
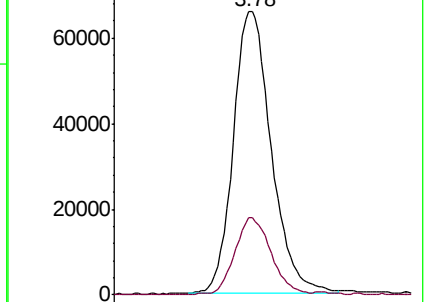
43 100

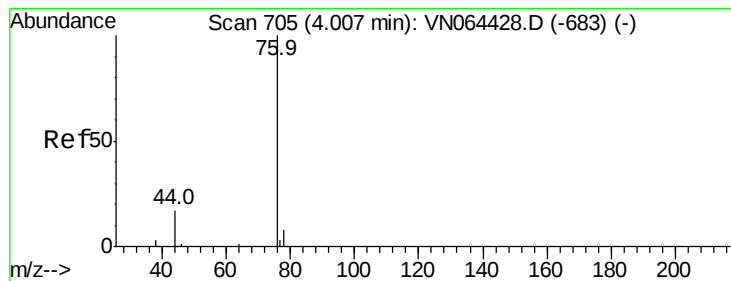
58 27.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)





#17

Carbon Disulfide

Concen: 17.578 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

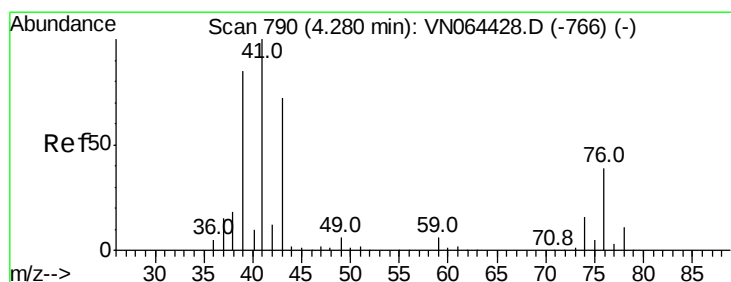
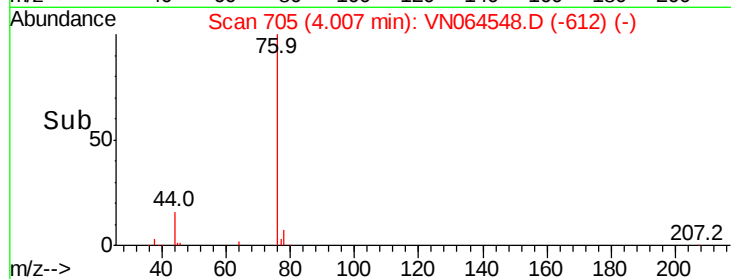
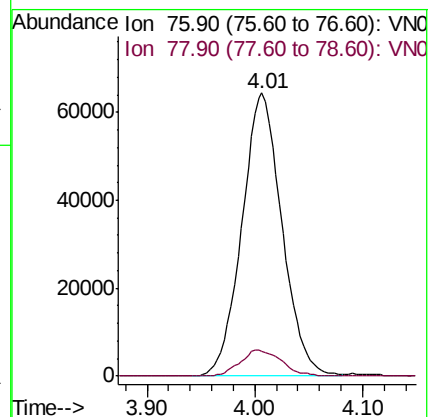
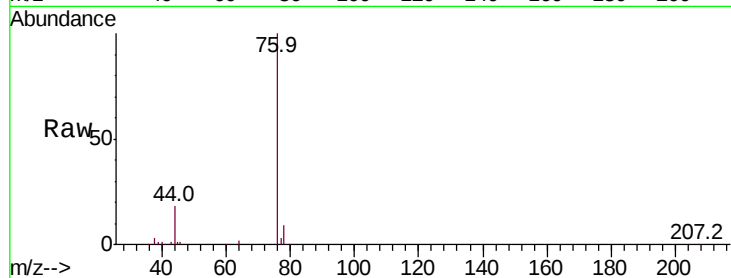
VN1111WBSD01

Tot Ion: 76 Resp: 166118

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



#18

Methyl Acetate

Concen: 20.337 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064548.D

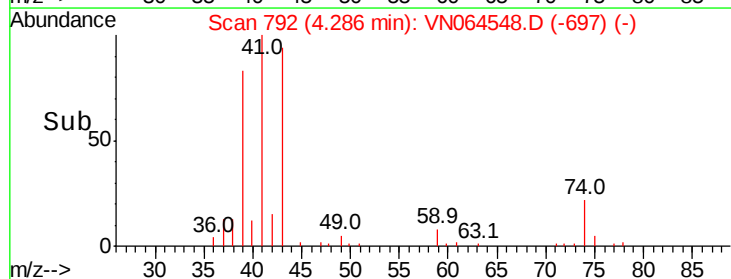
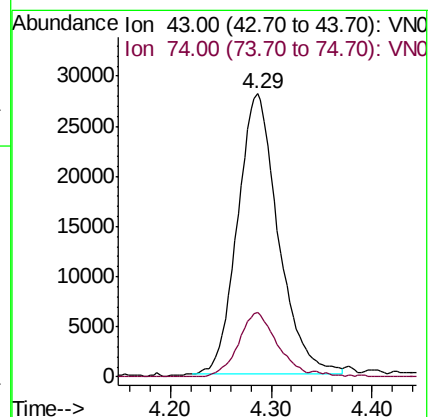
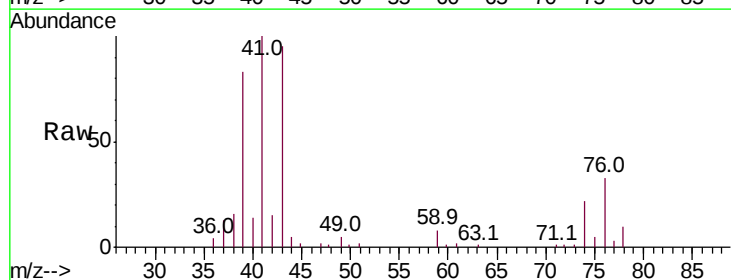
Acq: 11 Nov 2020 12:24

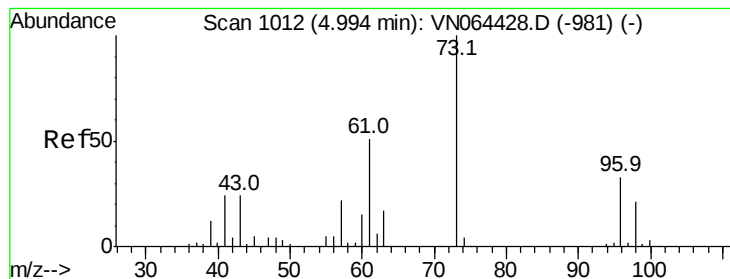
Tgt Ion: 43 Resp: 78385

Ion Ratio Lower Upper

43 100

74 21.8 17.0 25.4



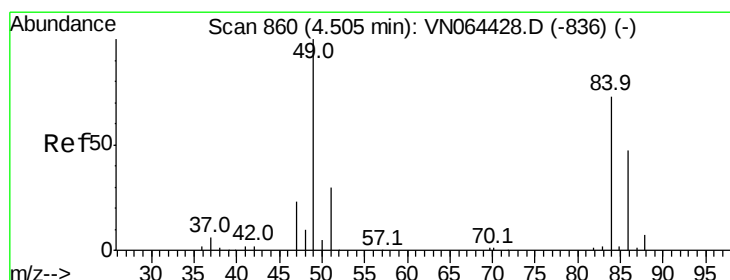
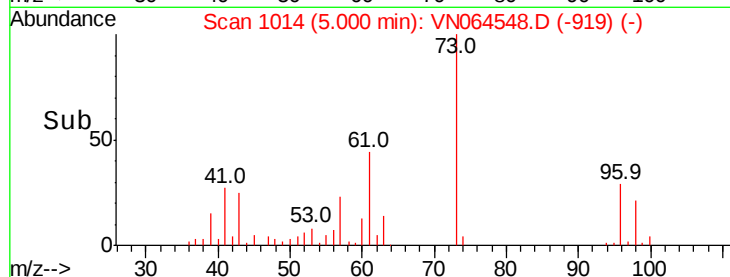
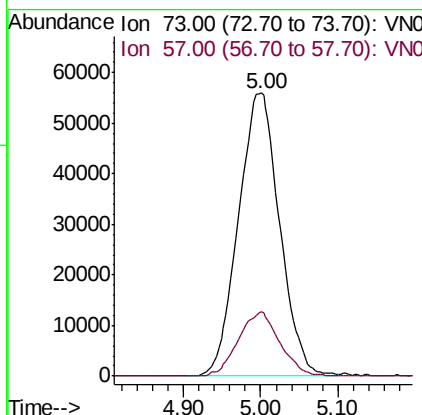
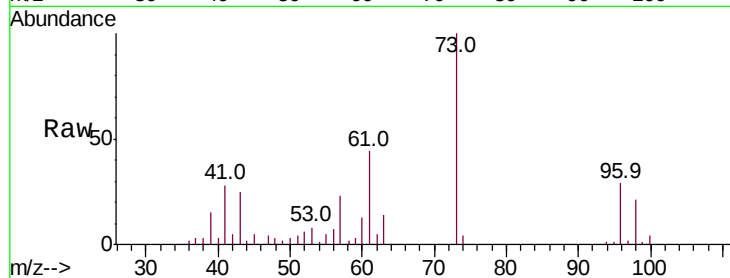


#19

Methyl tert-butyl Ether
 Concen: 18.251 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

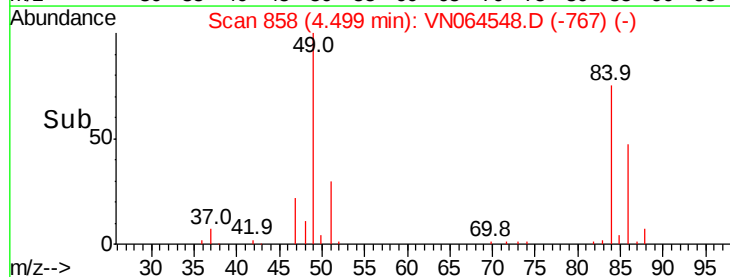
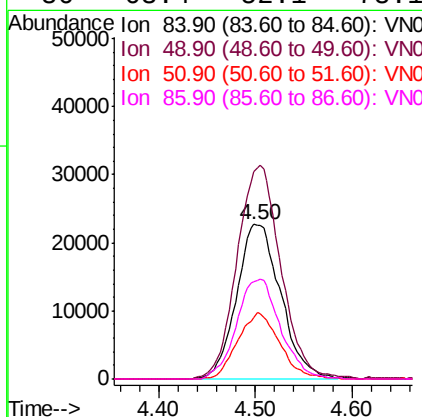
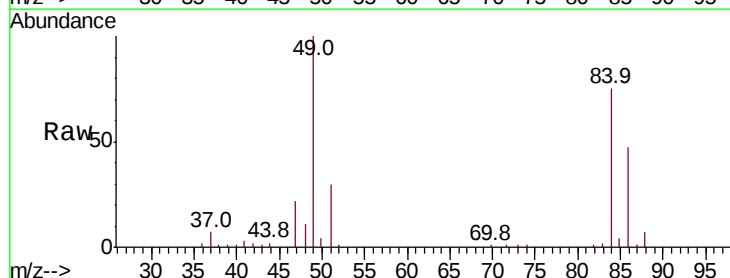
Tot Ion: 73 Resp: 207571
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.7 26.5

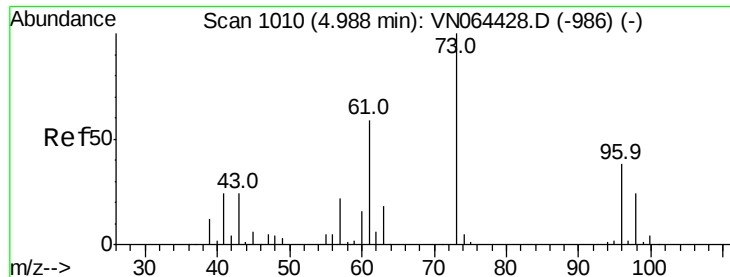


#20

Methylene Chloride
 Concen: 18.499 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 84 Resp: 71956
 Ion Ratio Lower Upper
 84 100
 49 134.1 110.1 165.1
 51 40.1 33.6 50.4
 86 63.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.097 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

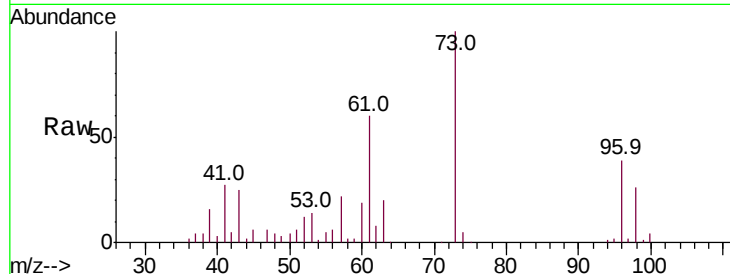
Tot Ion: 96 Resp: 61343

Ion Ratio Lower Upper

96 100

61 155.7 122.4 183.6

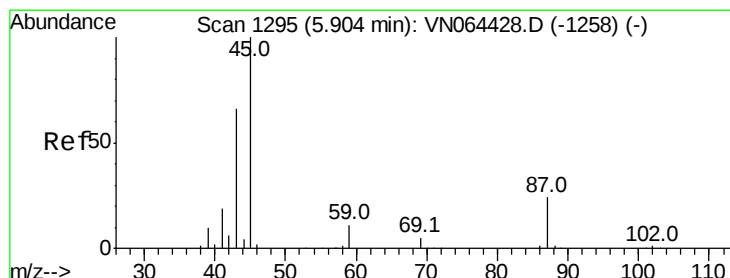
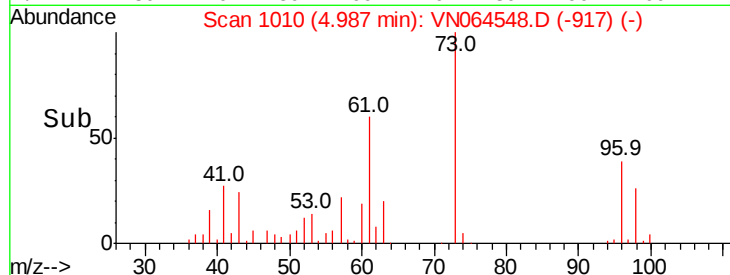
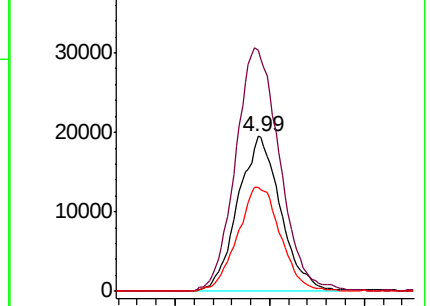
98 67.4 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-986) (-)



#22

Diisopropyl ether

Concen: 18.178 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 45 Resp: 238528

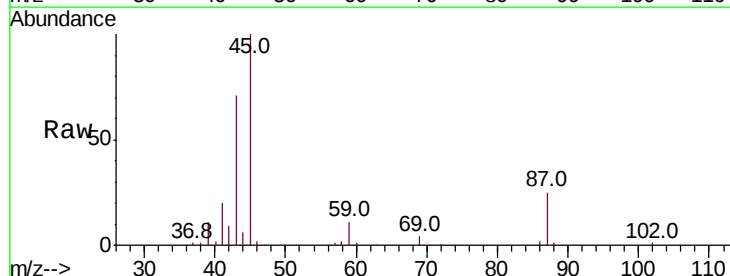
Ion Ratio Lower Upper

45 100

43 68.0 53.2 79.8

87 24.9 19.9 29.9

59 10.6 8.6 13.0

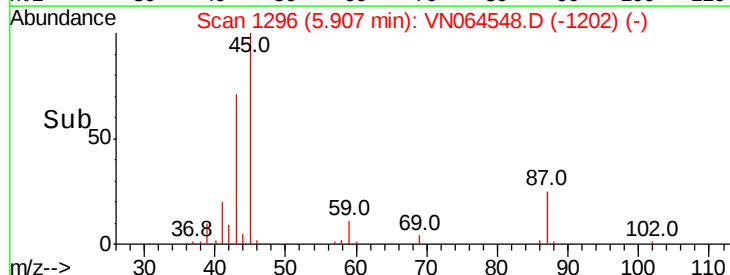
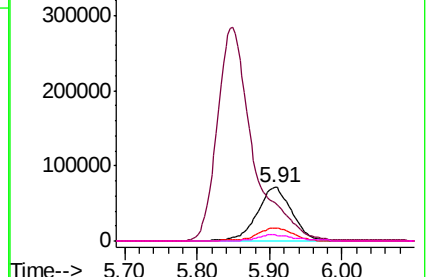


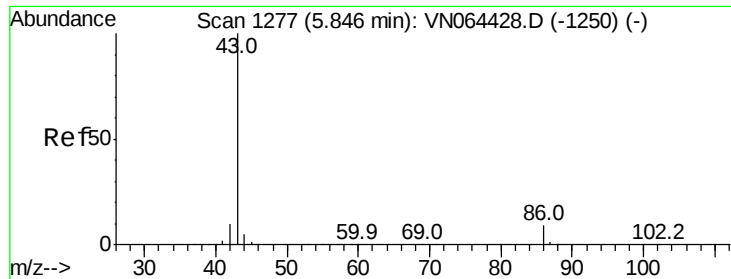
Abundance Ion 45.00 (44.70 to 45.70): VN064428.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064428.D (-1258) (-)

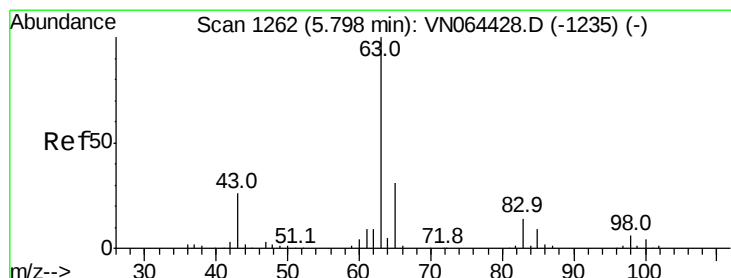
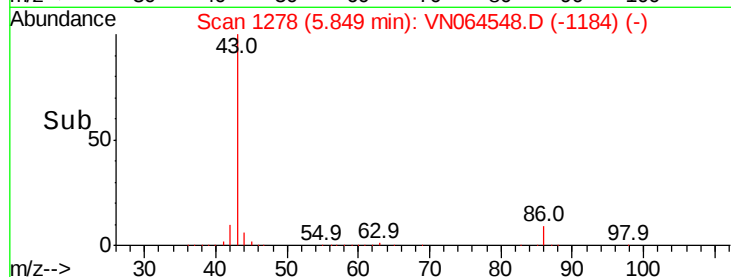
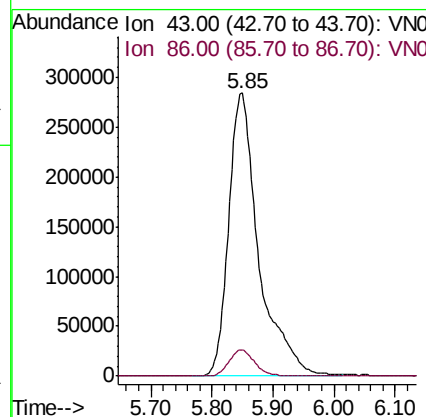
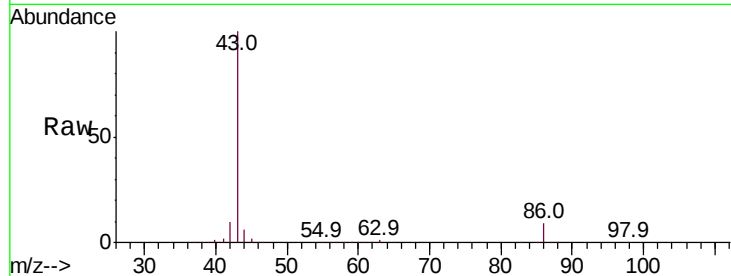




#23
 Vinyl Acetate
 Concen: 91.186 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

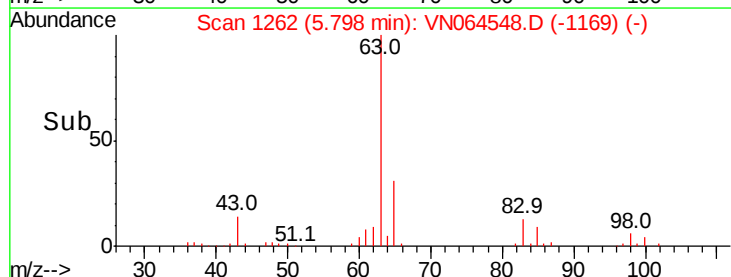
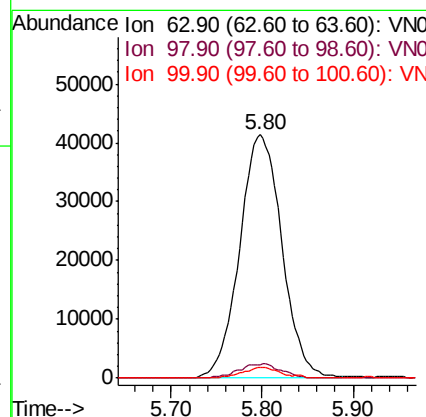
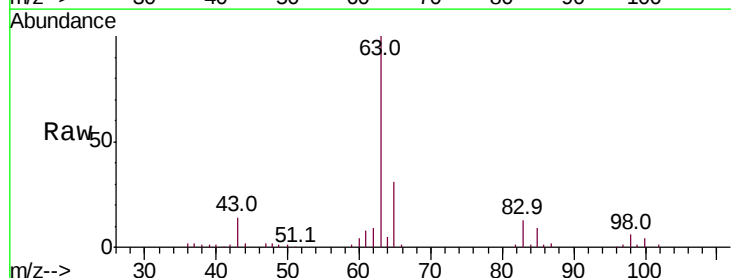
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

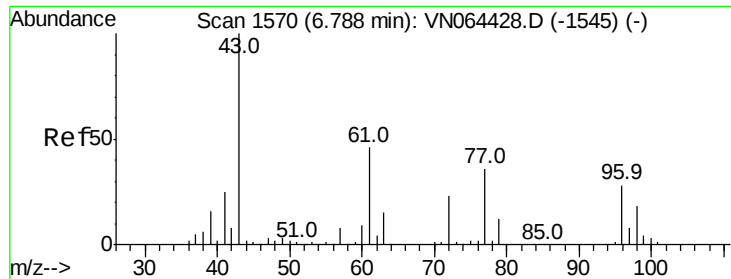
Tot Ion: 43 Resp: 973391
 Ion Ratio Lower Upper
 43 100
 86 9.3 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.494 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 63 Resp: 133355
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 4.4 1.8 5.3

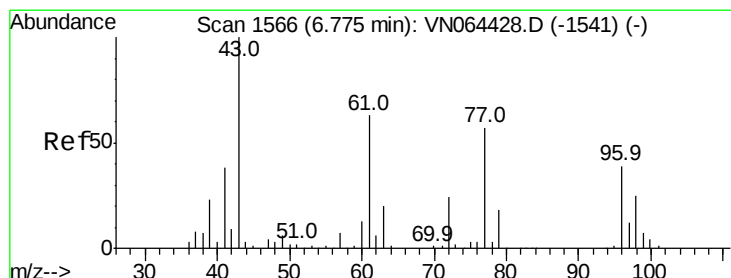
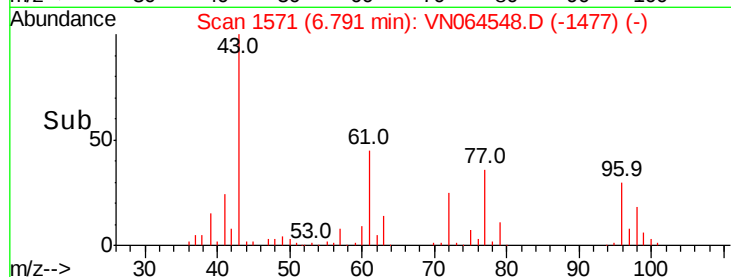
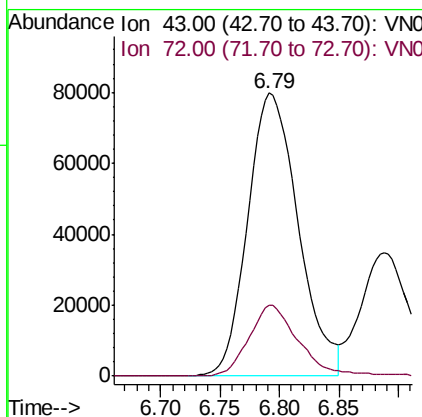
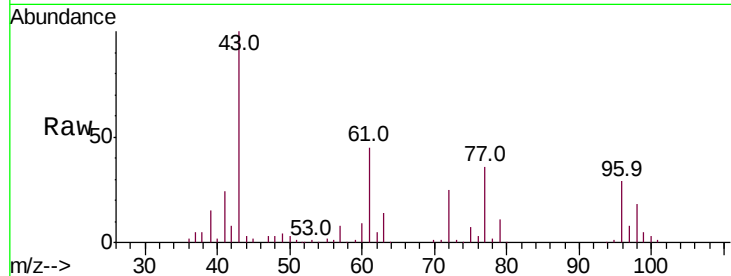




#25
2-Butanone
Concen: 93.677 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

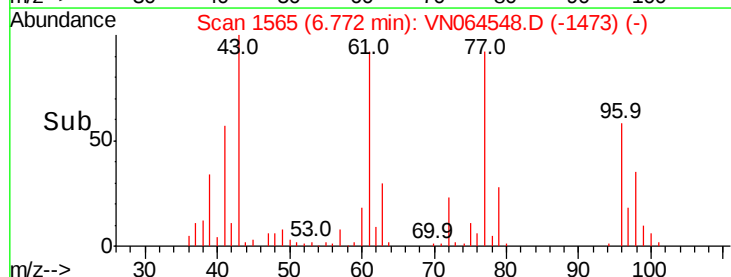
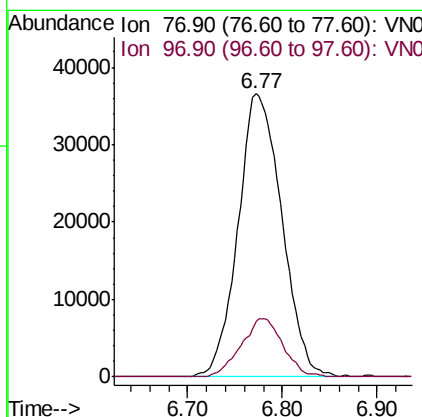
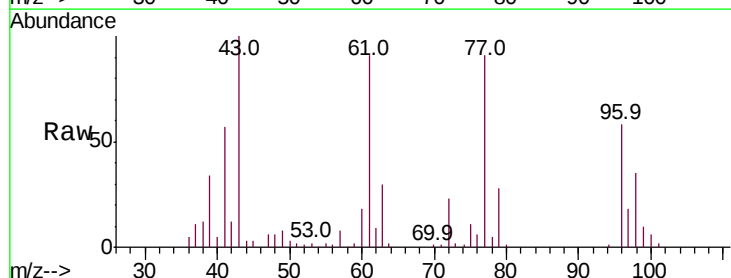
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

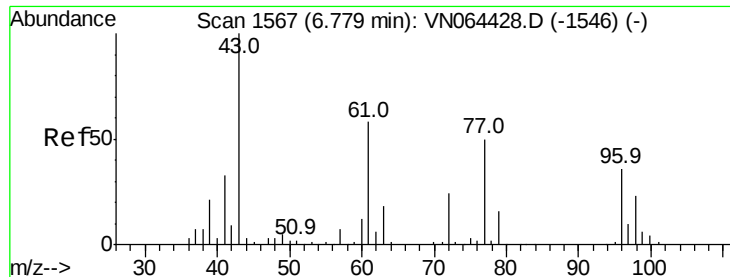
Tot Ion: 43 Resp: 233999
Ion Ratio Lower Upper
43 100
72 24.9 18.5 27.7



#26
2,2-Dichloropropane
Concen: 17.953 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 77 Resp: 117187
Ion Ratio Lower Upper
77 100
97 19.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.870 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

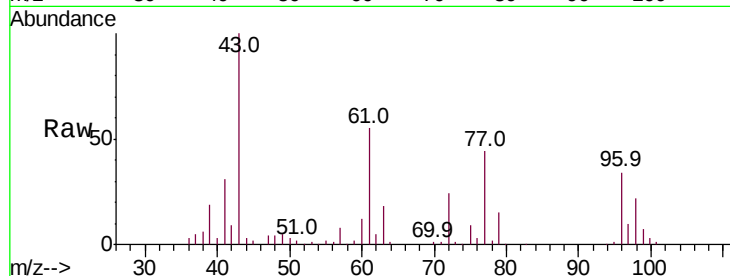
Tot Ion: 96 Resp: 78453

Ion Ratio Lower Upper

96 100

61 154.3 0.0 329.6

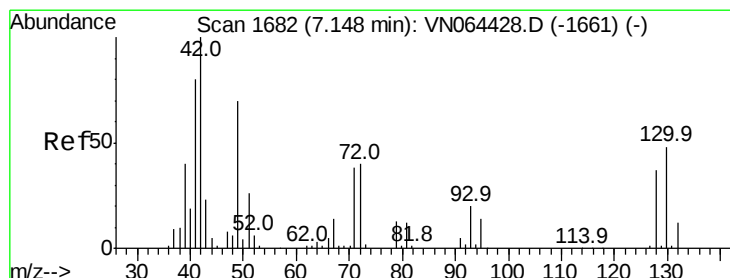
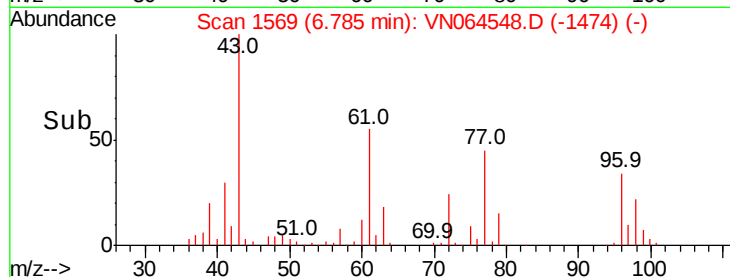
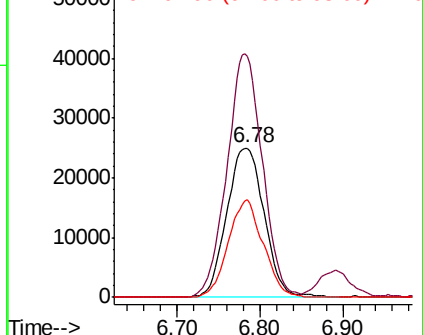
98 60.8 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 16.788 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

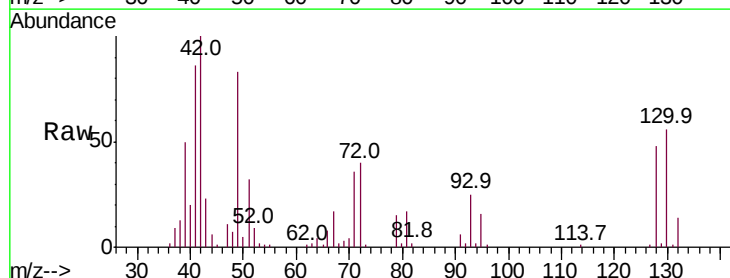
Tgt Ion: 49 Resp: 59501

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.6

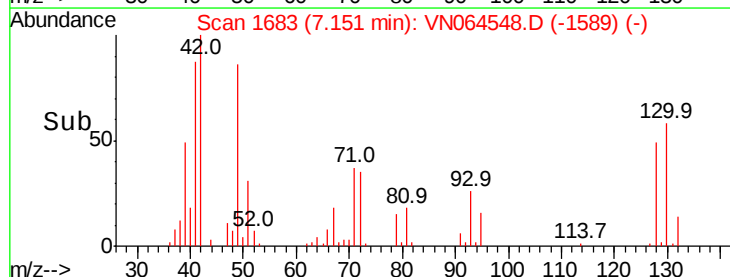
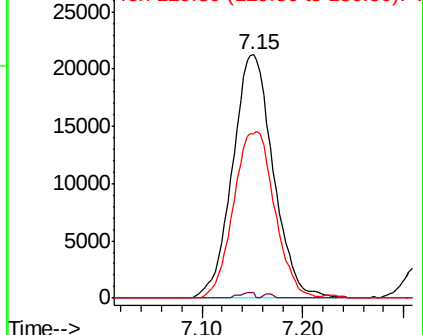
130 68.7 54.2 81.4

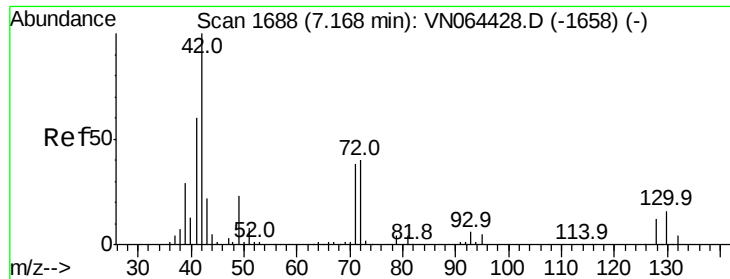


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 91.753 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN1111WBSD01

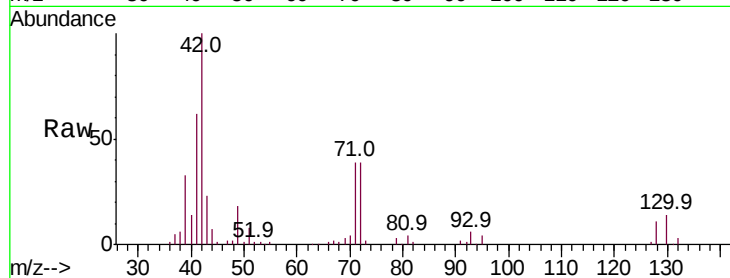
Tot Ion: 42 Resp: 140615

Ion Ratio Lower Upper

42 100

72 41.1 31.7 47.5

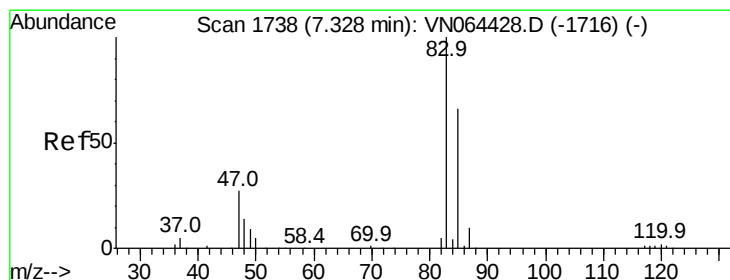
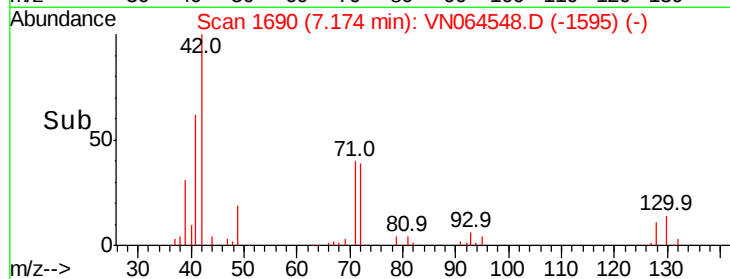
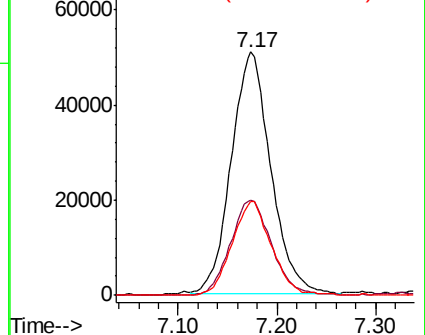
71 38.9 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.876 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064548.D

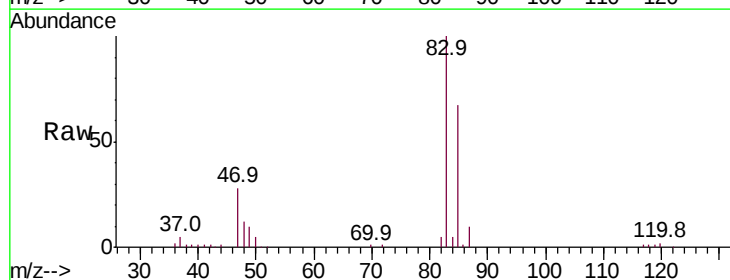
Acq: 11 Nov 2020 12:24

Tgt Ion: 83 Resp: 143072

Ion Ratio Lower Upper

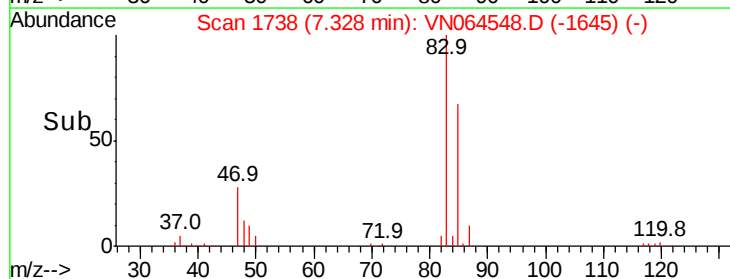
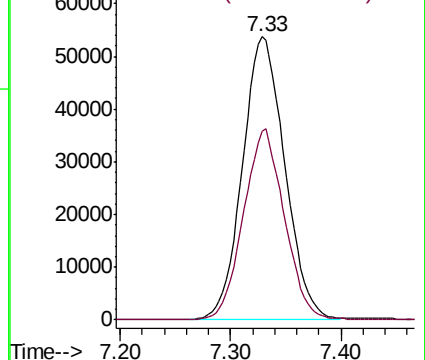
83 100

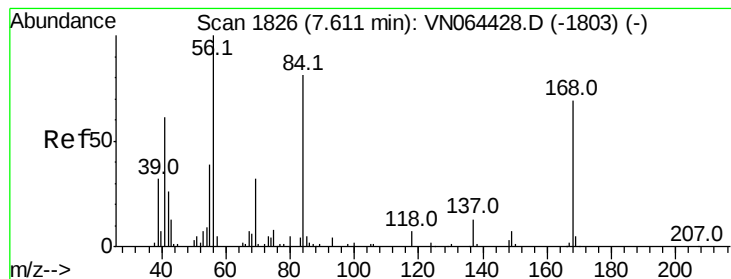
85 66.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.216 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

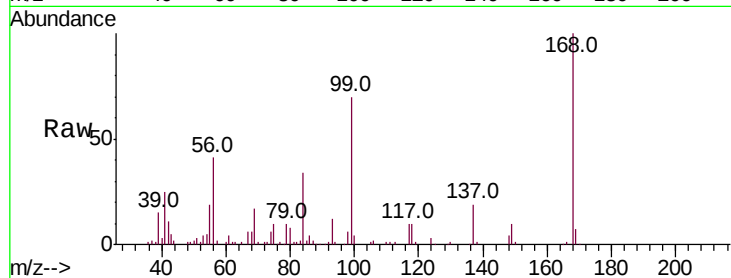
Tot Ion: 56 Resp: 101454

Ion Ratio Lower Upper

56 100

69 40.1 25.6 38.4#

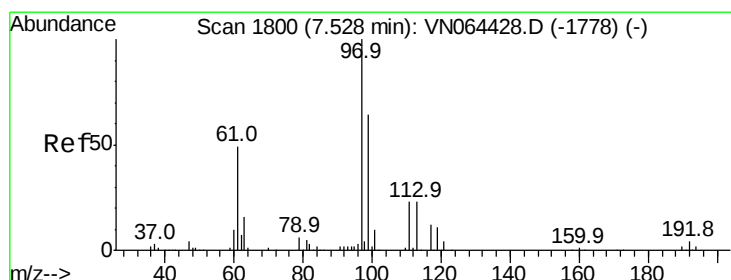
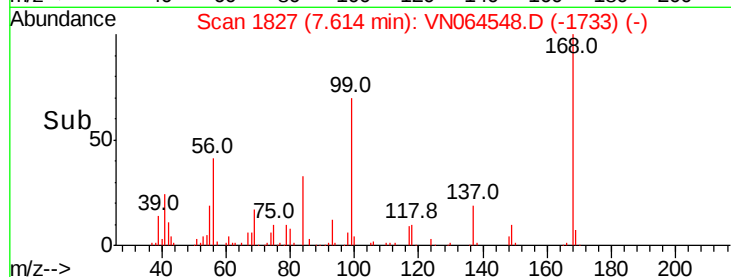
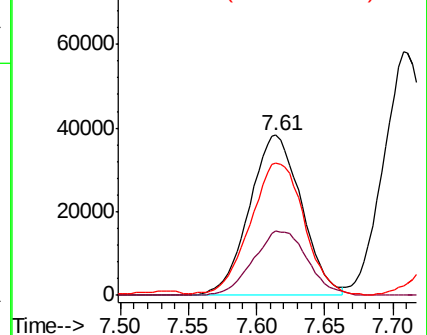
84 81.7 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-1803) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-1803) (-)

Ion 84.00 (83.70 to 84.70): VN064428.D (-1803) (-)



#32

1,1,1-Trichloroethane

Concen: 18.426 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

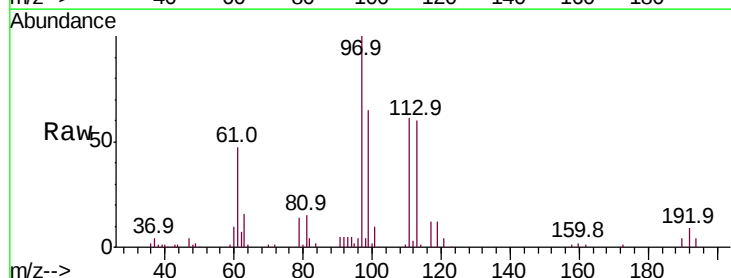
Tgt Ion: 97 Resp: 123872

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

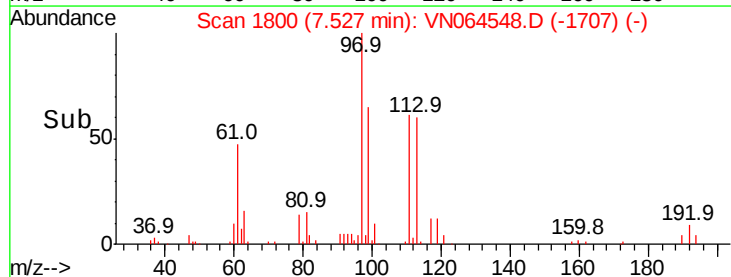
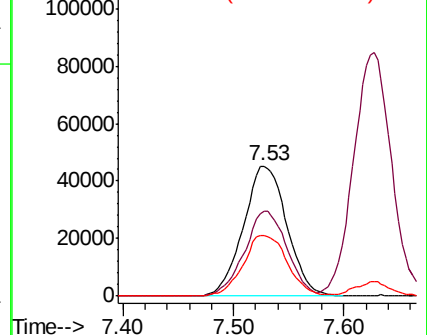
61 47.0 39.1 58.7

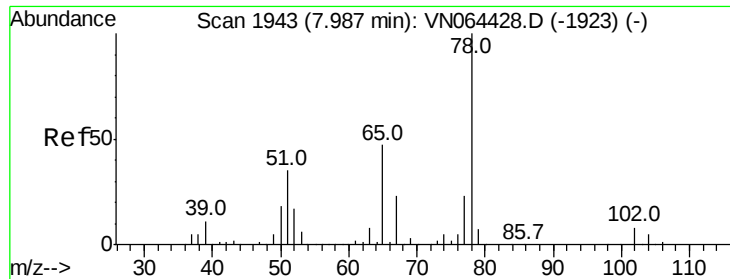


Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1778) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

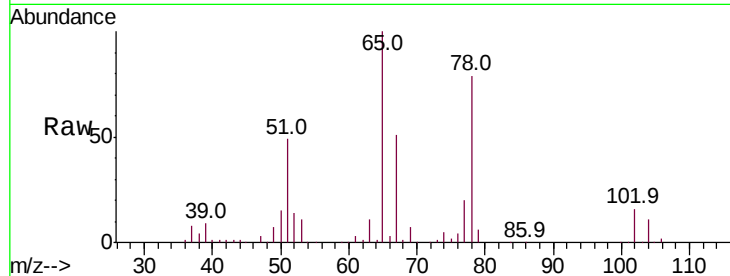
VN1111WBSD01

Tot Ion: 65 Resp: 252755

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

120000

100000

80000

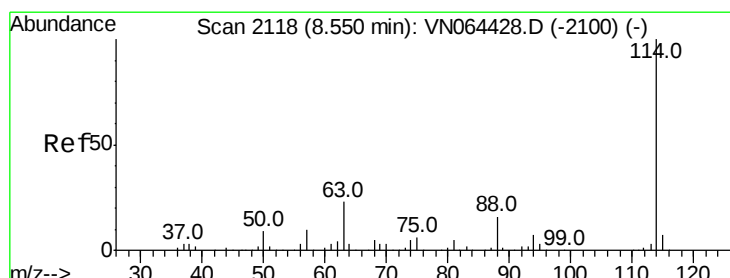
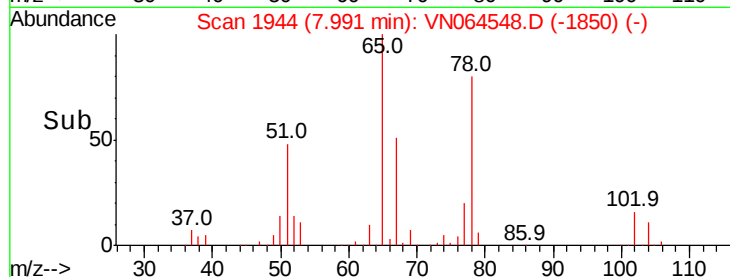
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

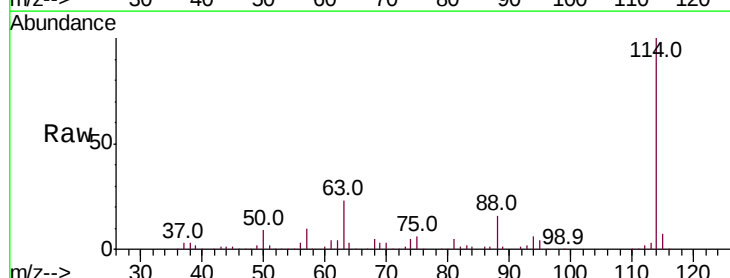
Tgt Ion:114 Resp: 516068

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

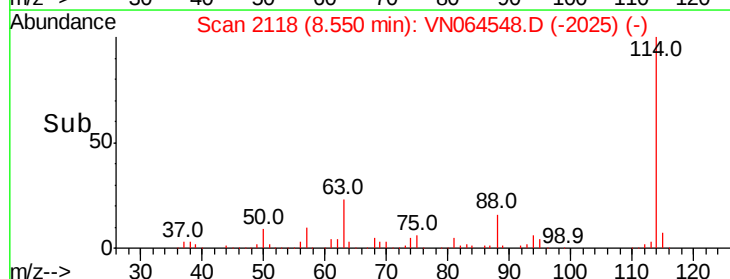
300000

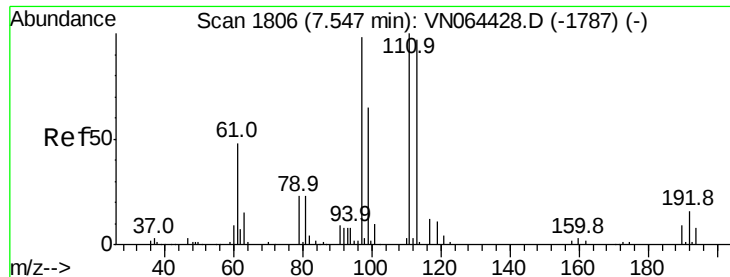
200000

100000

0

Time-->

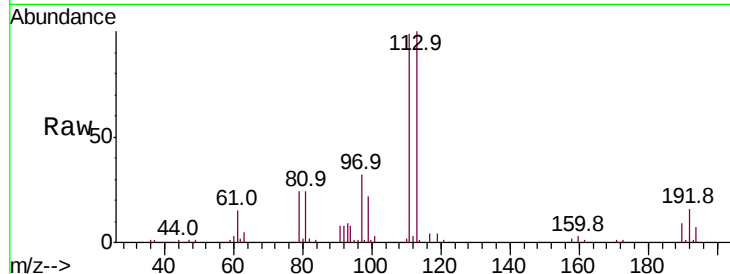




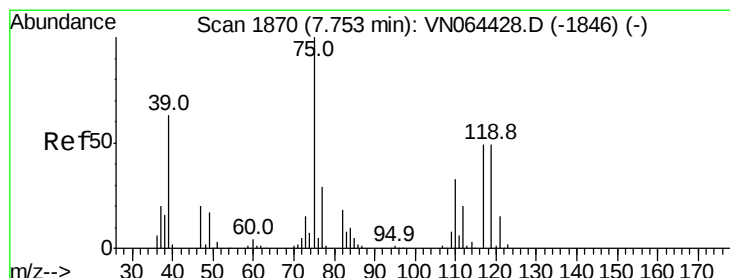
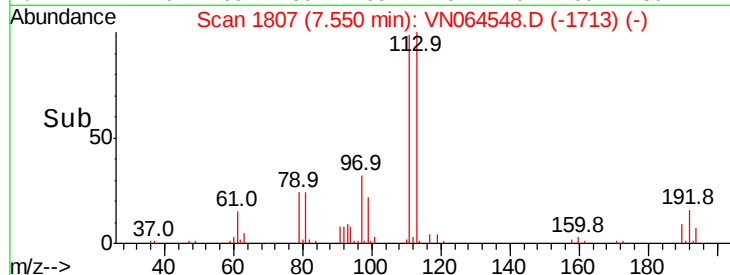
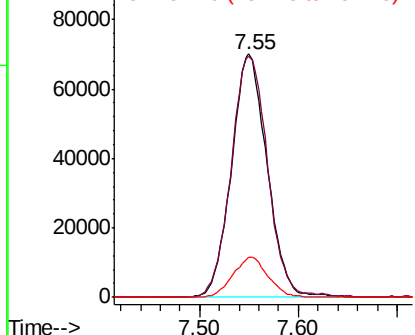
#35
 Dibromofluoromethane
 Concen: 50.035 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion:113 Resp: 175808
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 16.2 12.8 19.2

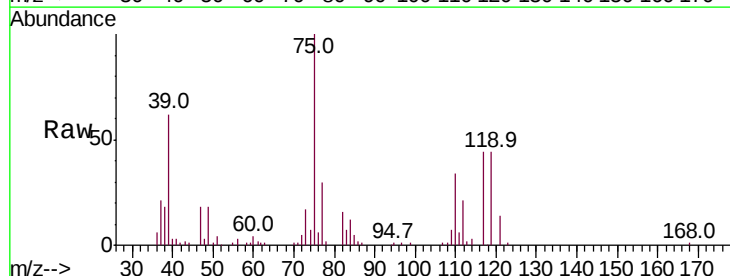


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

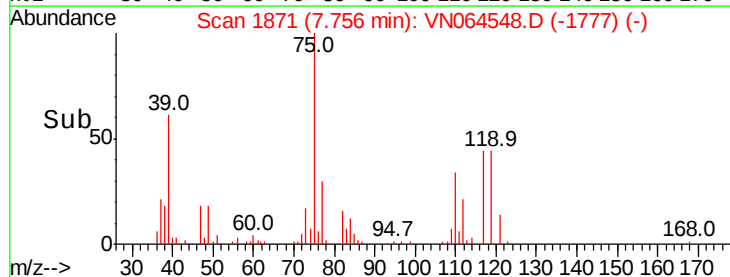
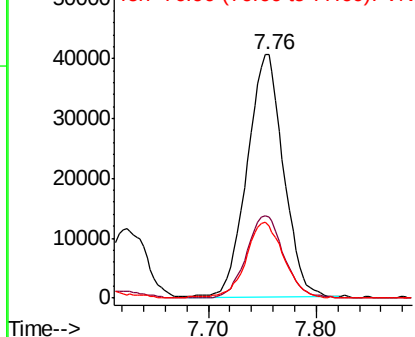


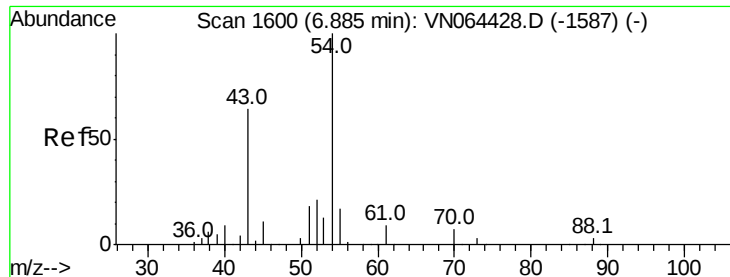
#36
 1,1-Dichloropropene
 Concen: 17.291 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 75 Resp: 94267
 Ion Ratio Lower Upper
 75 100
 110 35.0 16.0 48.0
 77 31.6 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

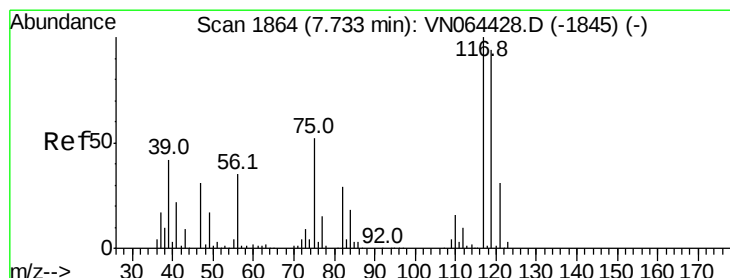
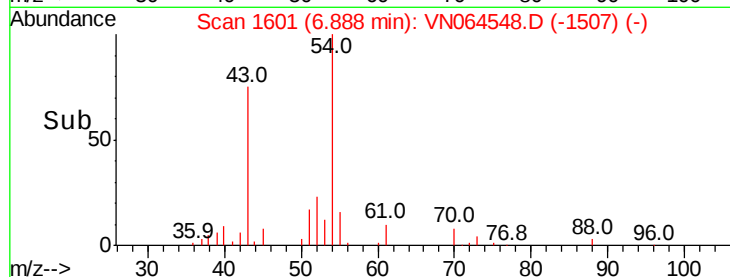
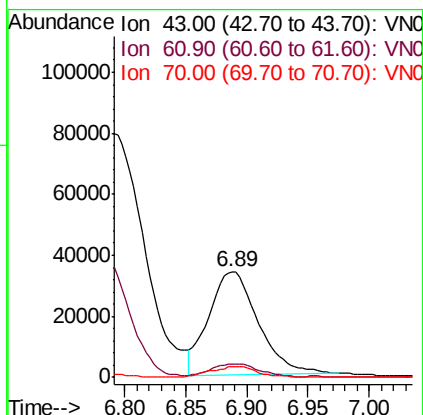
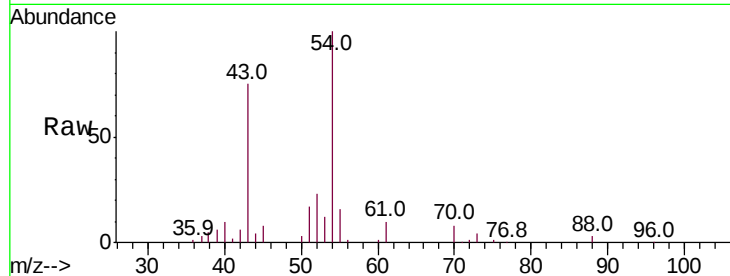




#37
Ethyl Acetate
Concen: 17.763 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

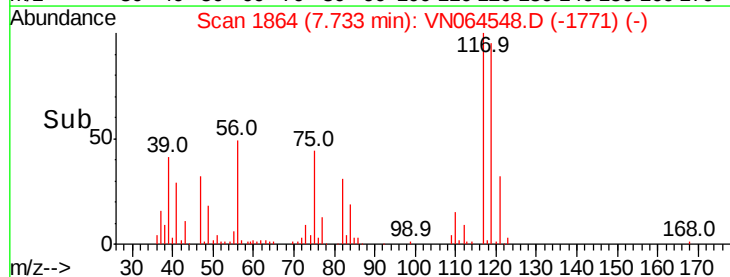
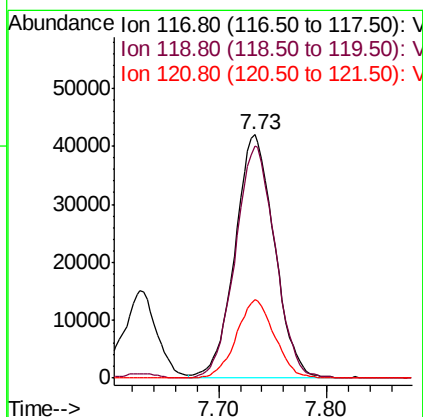
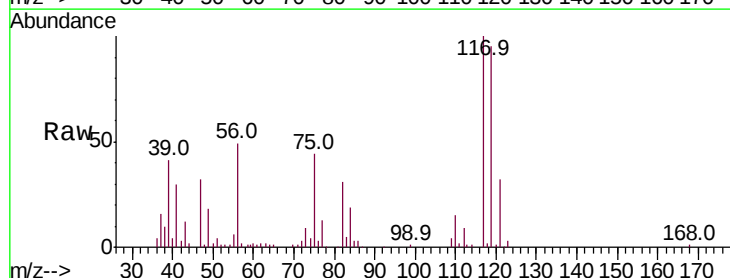
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

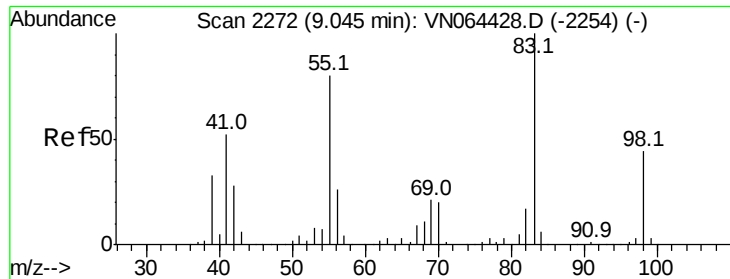
Tot Ion: 43 Resp: 95526
Ion Ratio Lower Upper
43 100
61 12.3 10.0 15.0
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 117 Resp: 107162
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3
121 32.1 24.4 36.6

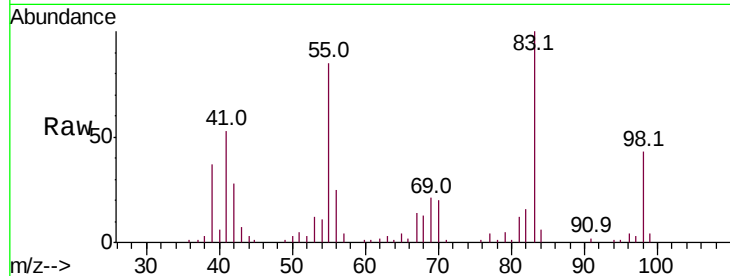




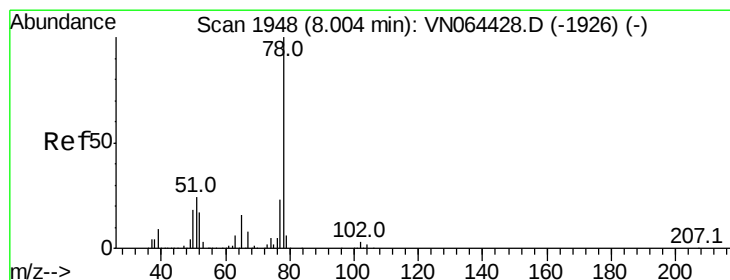
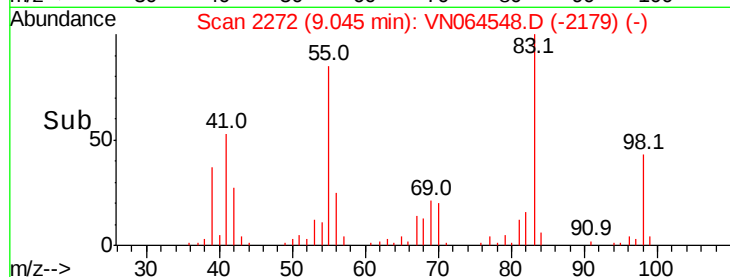
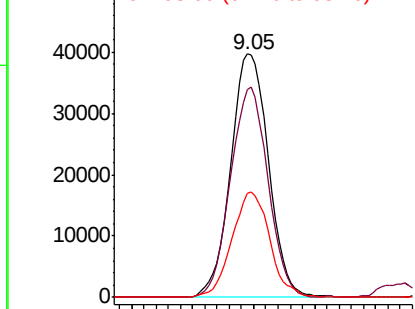
#39
Methvlcvclohexane
Concen: 17.452 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 83 Resp: 85291
Ion Ratio Lower Upper
83 100
55 85.2 63.8 95.6
98 42.6 35.4 53.2

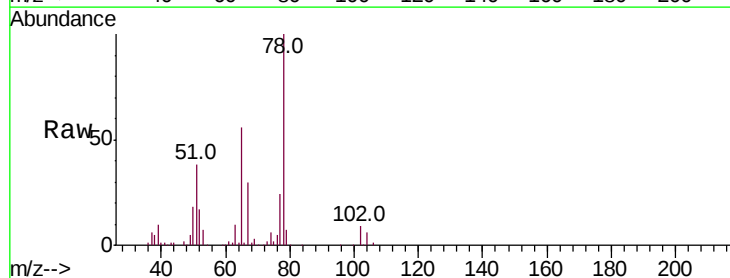


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

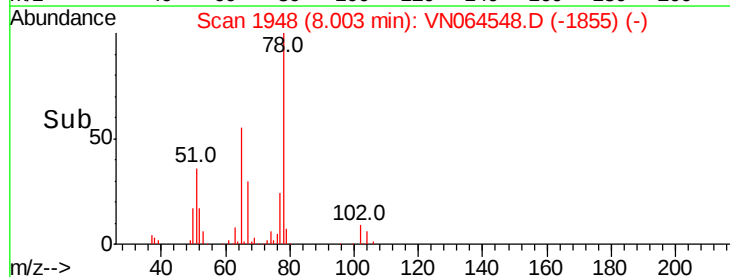
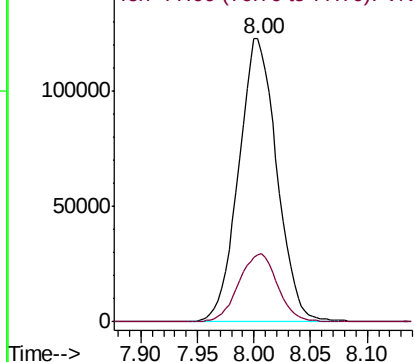


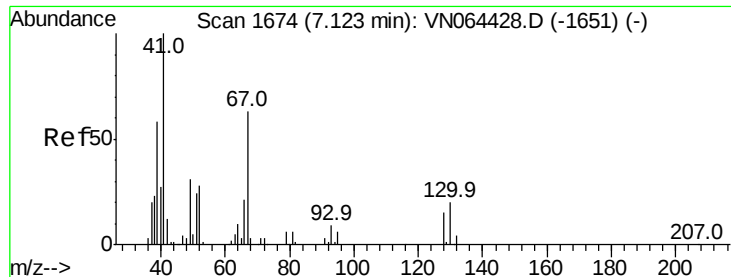
#40
Benzene
Concen: 18.012 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 78 Resp: 288563
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VNO
Ion 77.00 (76.70 to 77.70): VNO

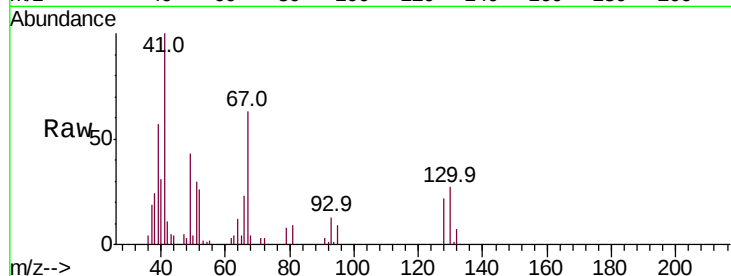




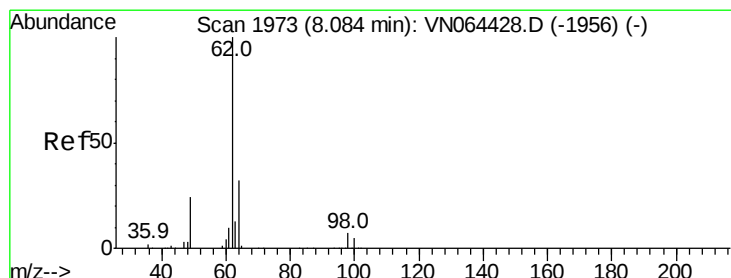
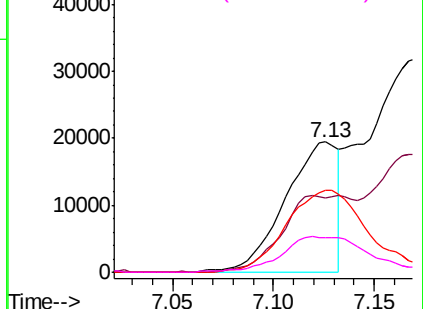
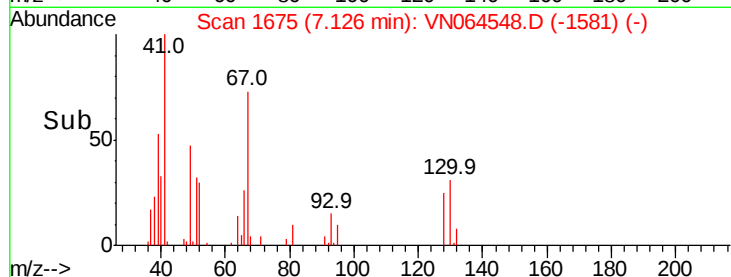
#41
Methacrylonitrile
Concen: 14.577 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 41 Resp: 35233
Ion Ratio Lower Upper
41 100
39 49.5 50.0 75.0#
67 98.8 68.3 102.5
52 45.6 32.7 49.1

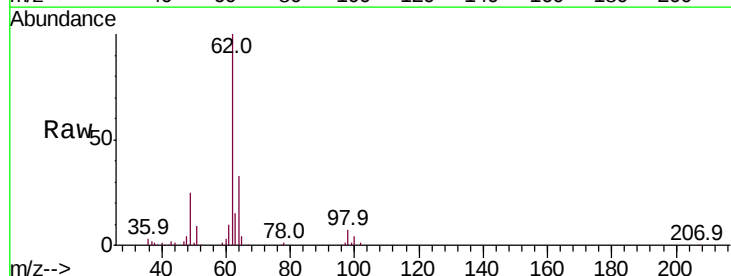


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

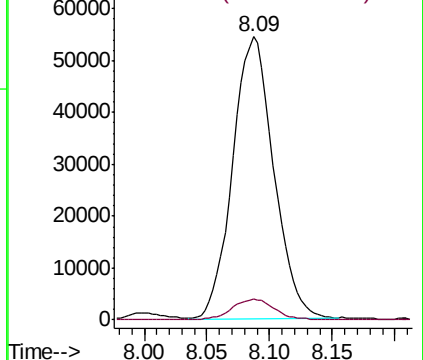
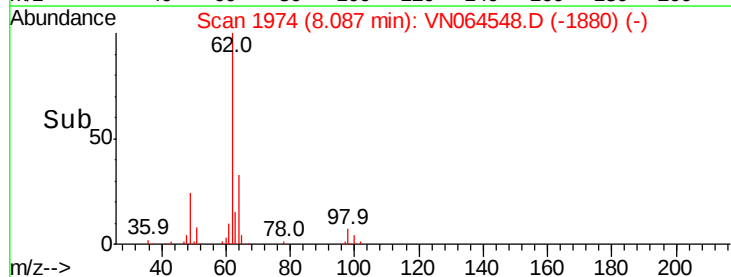


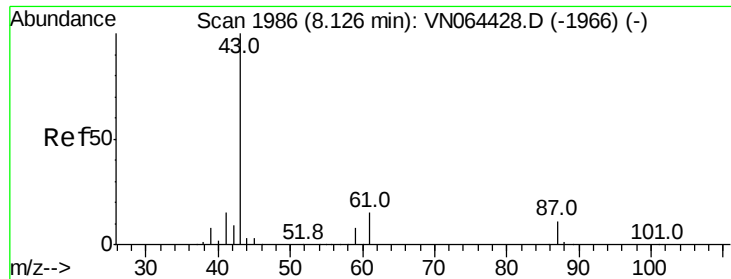
#42
1,2-Dichloroethane
Concen: 19.232 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 62 Resp: 124340
Ion Ratio Lower Upper
62 100
98 7.5 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 18.723 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

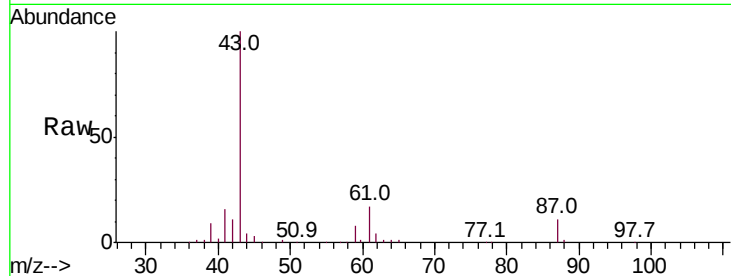
Tot Ion: 43 Resp: 165427

Ion Ratio Lower Upper

43 100

61 16.6 14.0 21.0

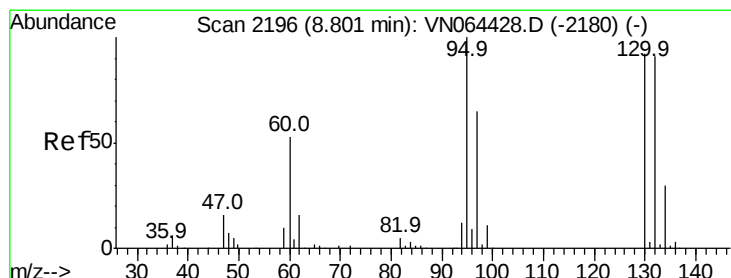
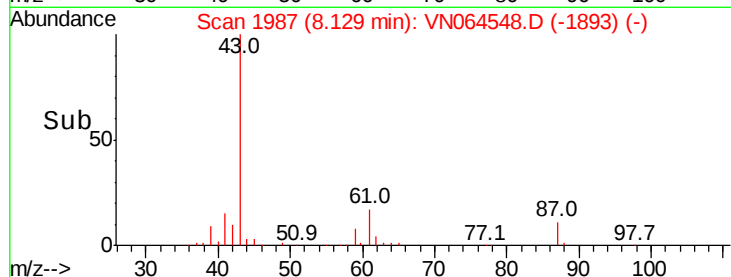
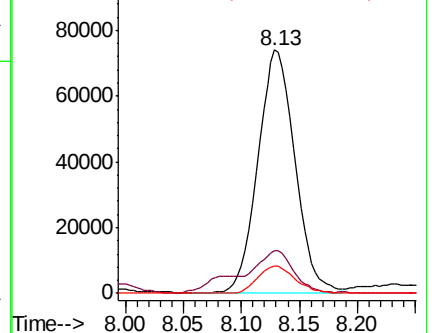
87 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 17.552 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064548.D

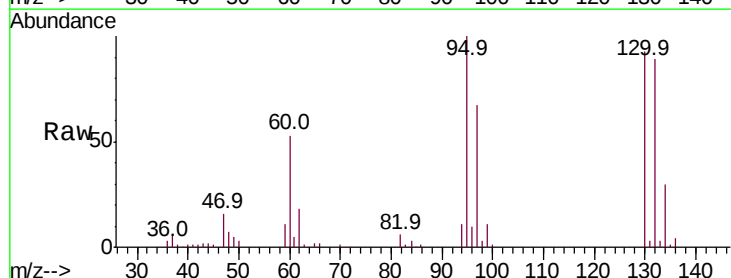
Acq: 11 Nov 2020 12:24

Tgt Ion:130 Resp: 70944

Ion Ratio Lower Upper

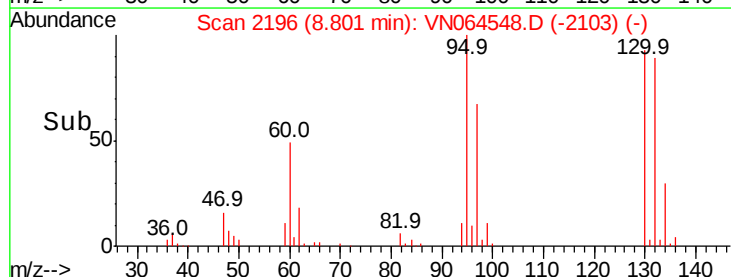
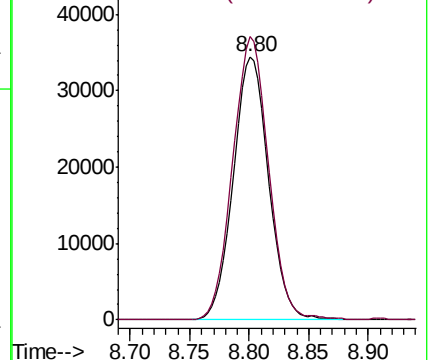
130 100

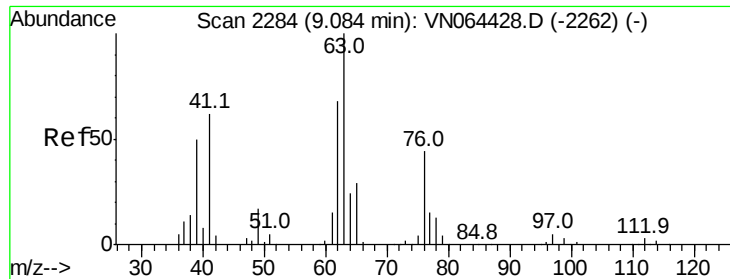
95 107.5 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.090 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

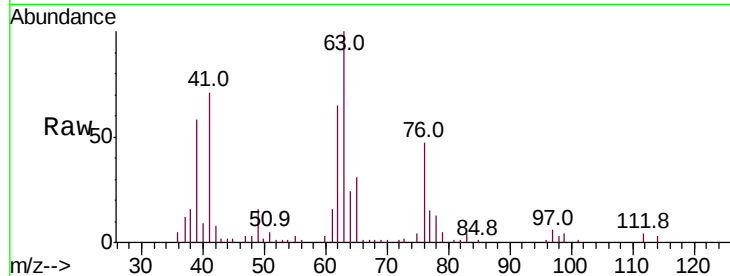
VN1111WBSD01

Tot Ion: 63 Resp: 77328

Ion Ratio Lower Upper

63 100

65 31.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN064428.D (-2262) (-)

9.08

40000

30000

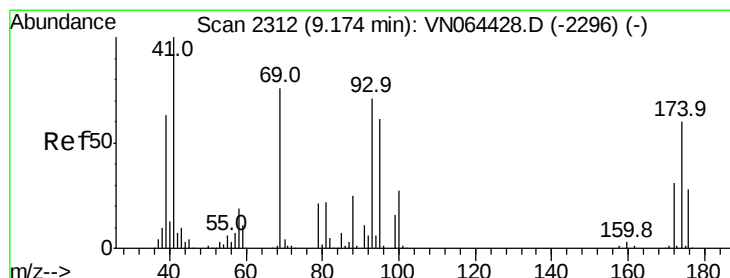
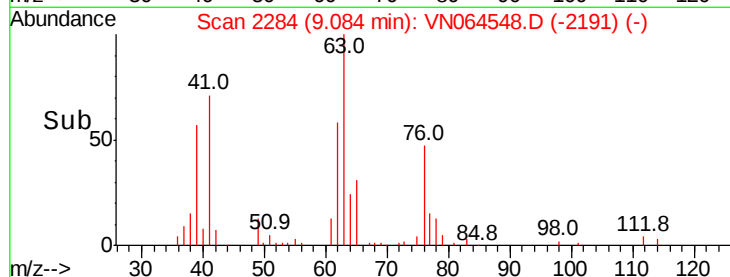
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#46

Dibromomethane

Concen: 19.324 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

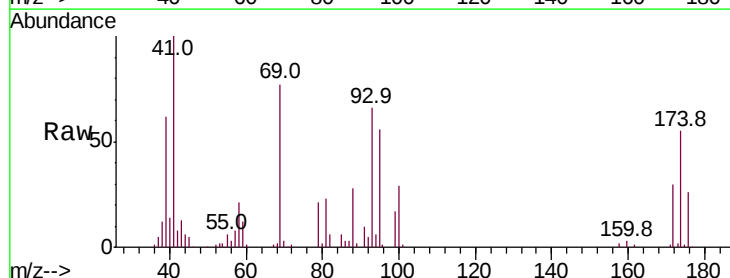
Tgt Ion: 93 Resp: 54377

Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 84.3 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN064428.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064428.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064428.D (-2296) (-)

9.17

30000

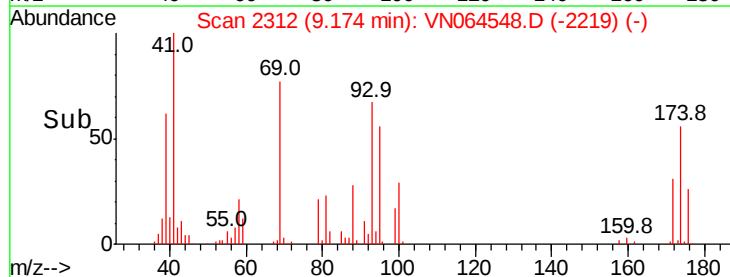
20000

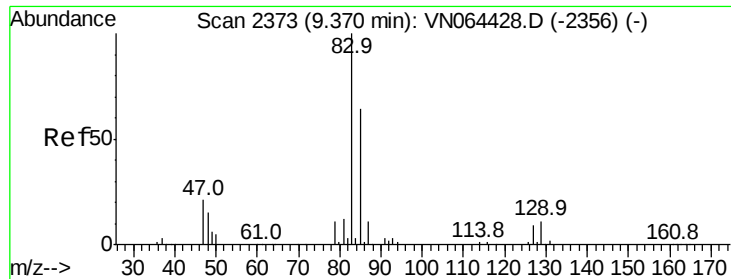
10000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 19.589 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

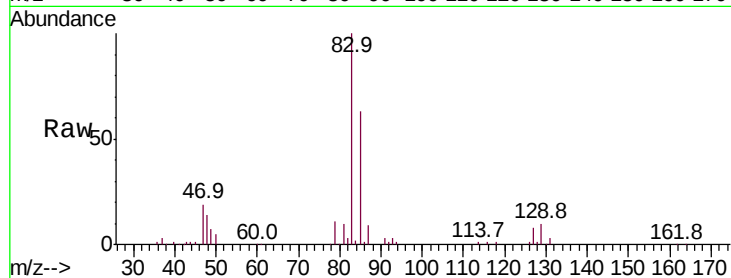
Tot Ion: 83 Resp: 118526

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

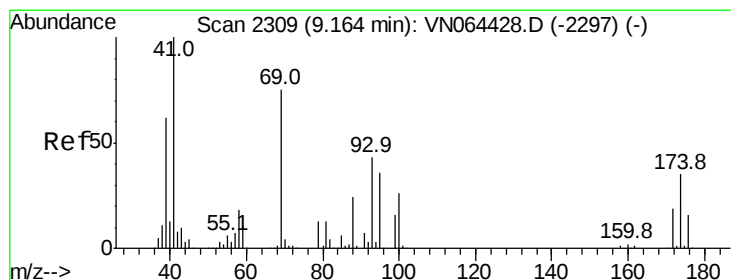
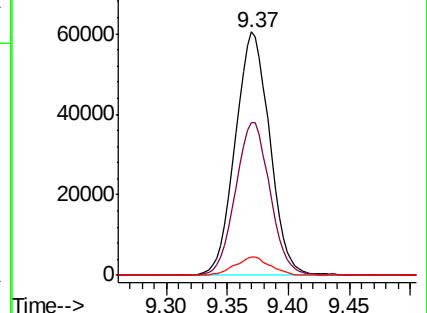
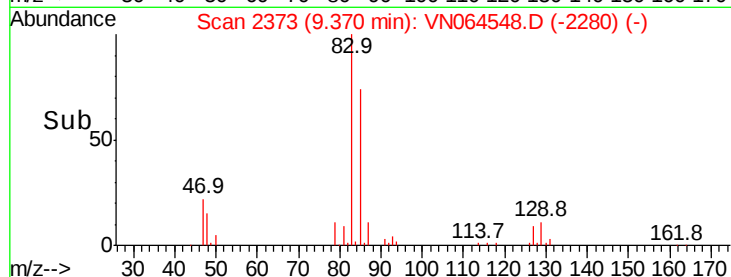
127 7.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064548.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064548.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064548.D (-2356) (-)



#48

Methyl methacrylate

Concen: 18.630 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

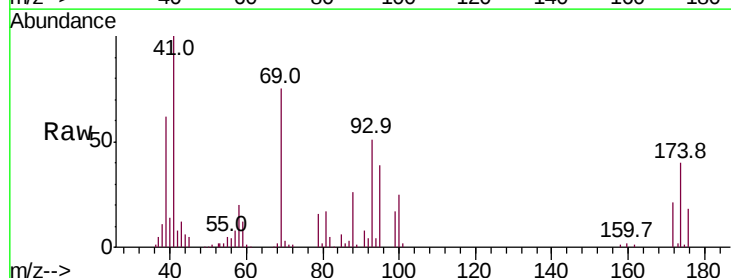
Tgt Ion: 41 Resp: 83058

Ion Ratio Lower Upper

41 100

69 75.0 60.4 90.6

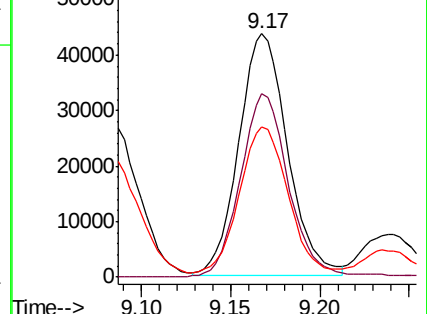
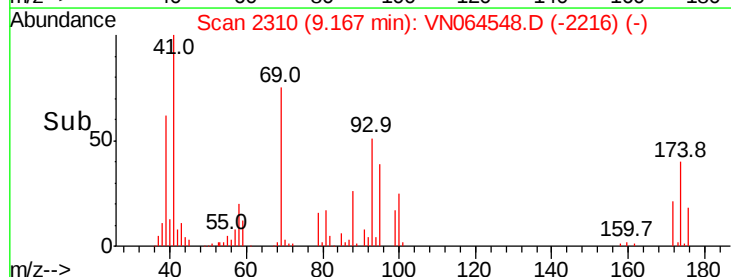
39 61.9 51.2 76.8

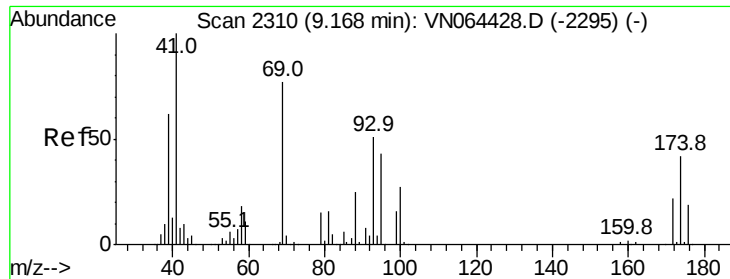


Abundance Ion 41.00 (40.70 to 41.70): VN064548.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064548.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064548.D (-2216) (-)





#49

1,4-Dioxane

Concen: 400.105 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

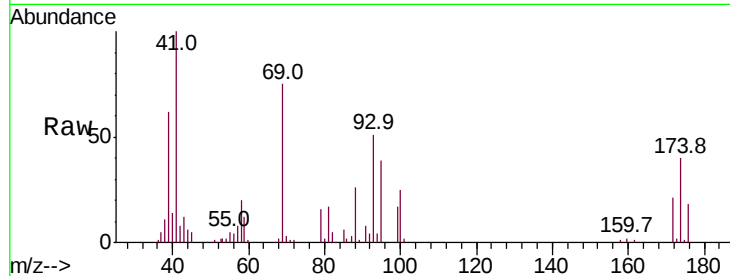
Tot Ion: 88 Resp: 23495

Ion Ratio Lower Upper

88 100

43 41.7 31.0 46.6

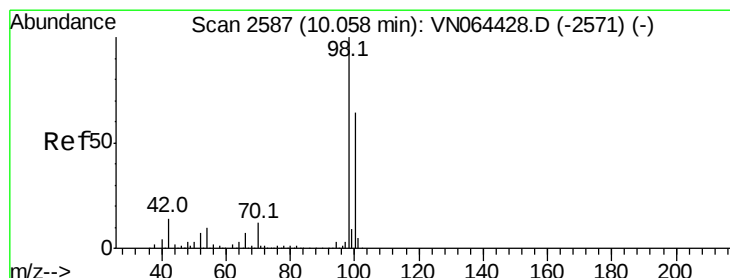
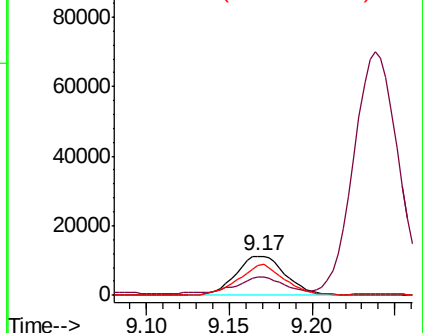
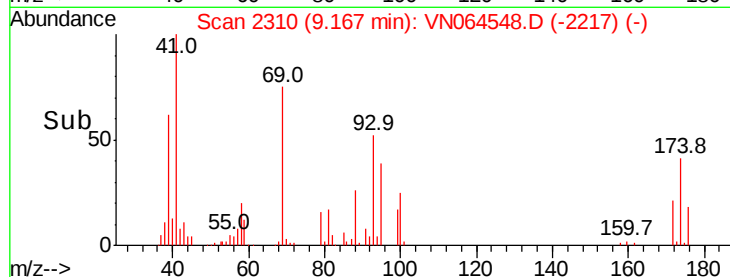
58 73.7 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.247 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064548.D

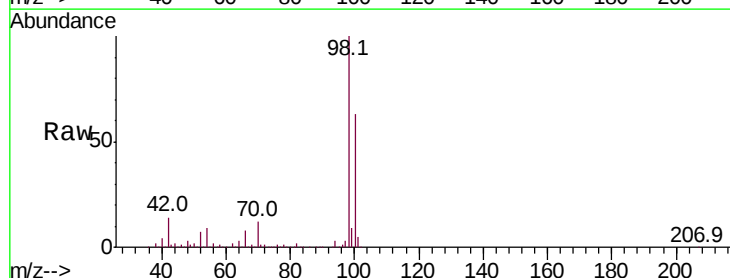
Acq: 11 Nov 2020 12:24

Tgt Ion: 98 Resp: 641640

Ion Ratio Lower Upper

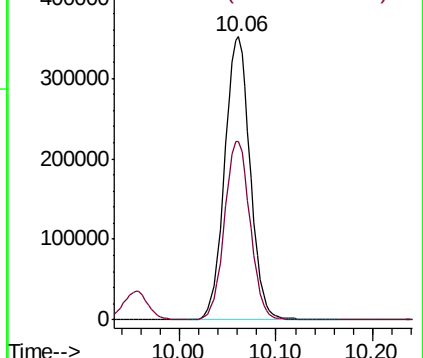
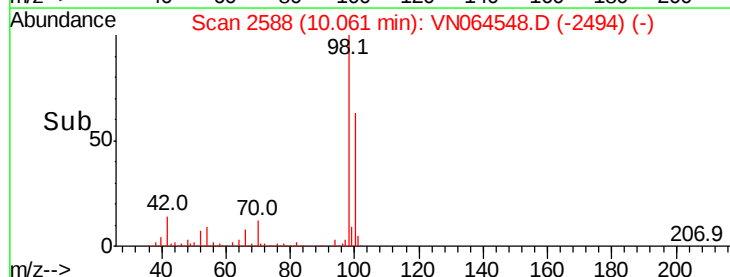
98 100

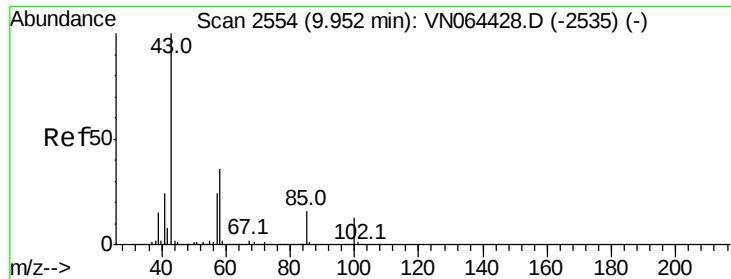
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.754 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

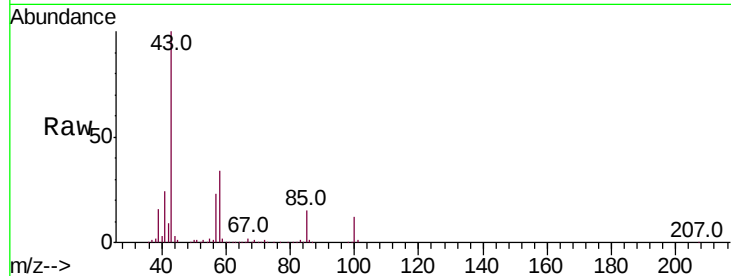
VN1111WBSD01

Tot Ion: 43 Resp: 508826

Ion Ratio Lower Upper

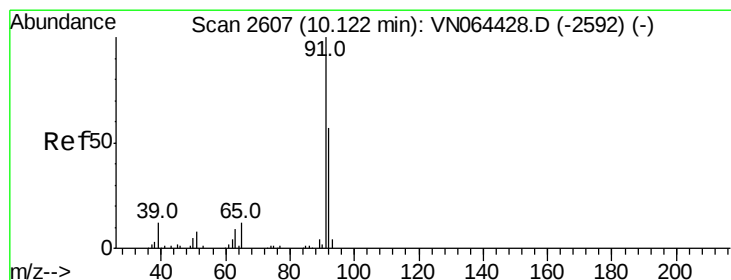
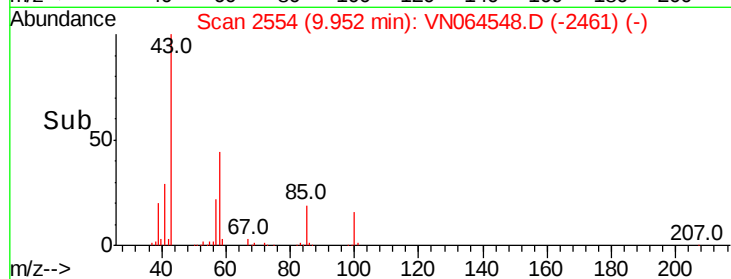
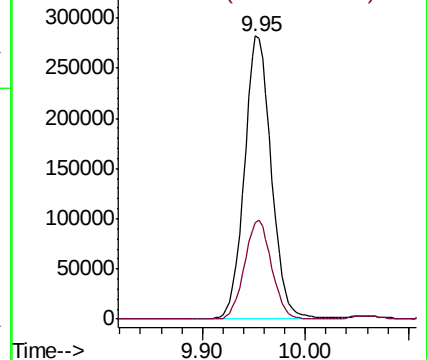
43 100

58 35.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.349 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064548.D

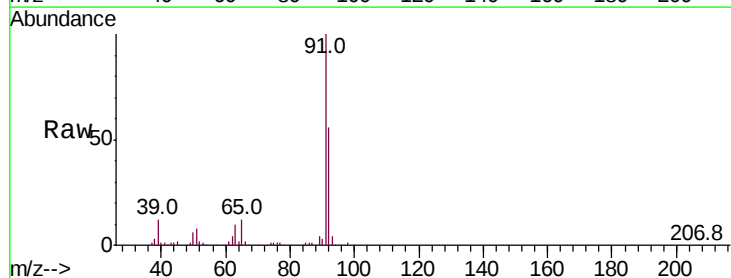
Acq: 11 Nov 2020 12:24

Tgt Ion: 92 Resp: 179295

Ion Ratio Lower Upper

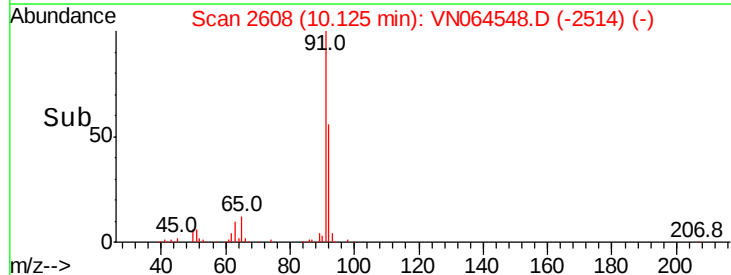
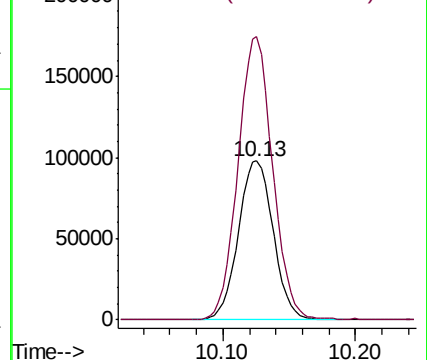
92 100

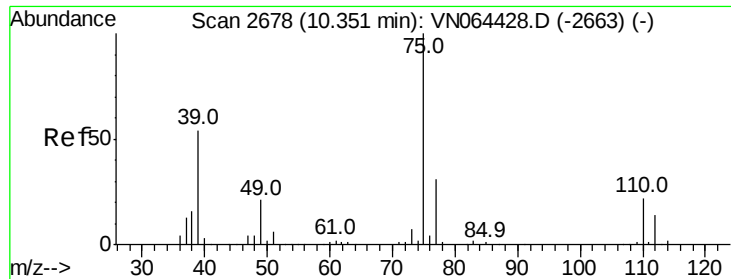
91 176.8 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.508 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

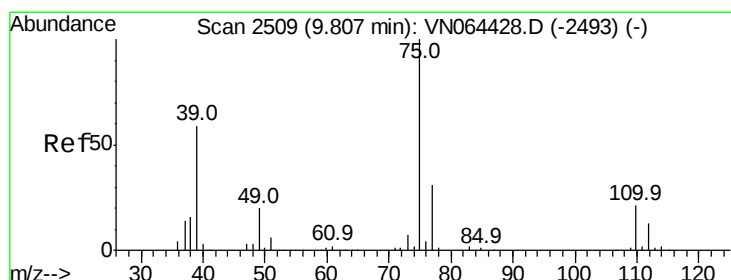
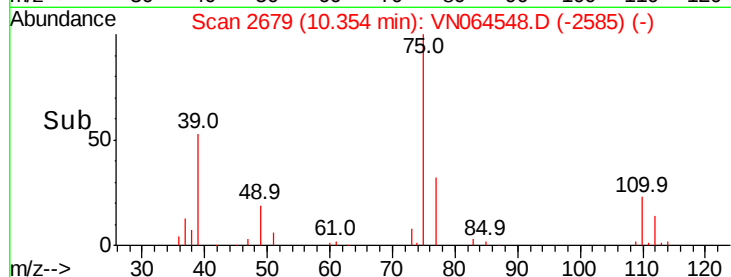
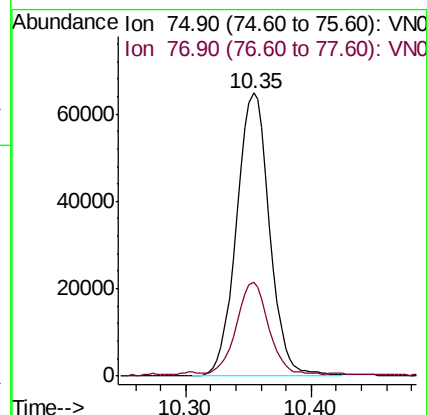
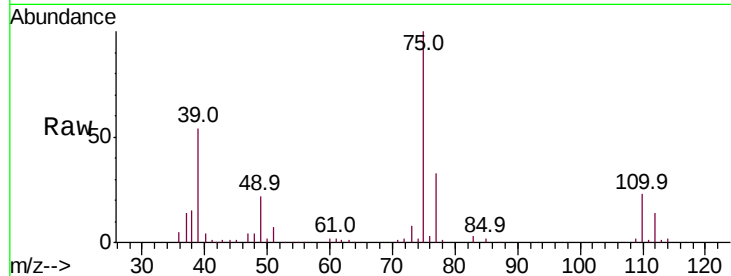
VN1111WBSD01

Tot Ion: 75 Resp: 118722

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.472 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

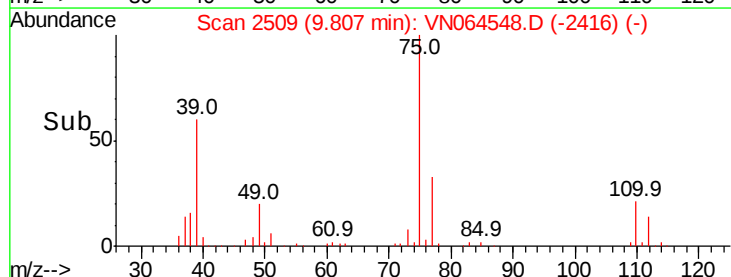
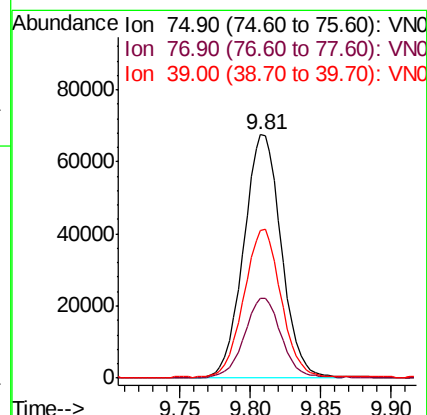
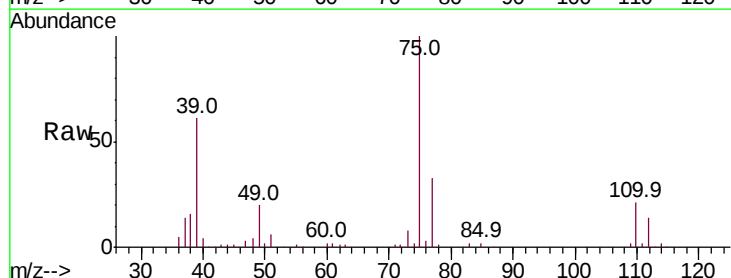
Tgt Ion: 75 Resp: 126685

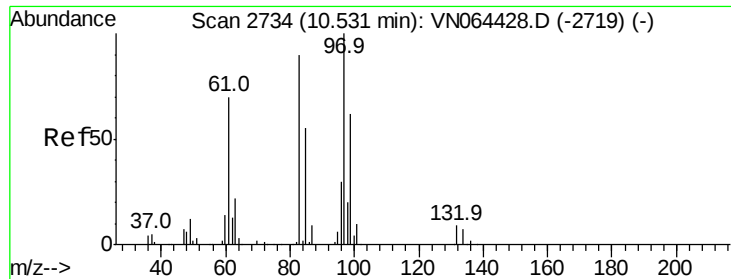
Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

39 60.2 47.1 70.7

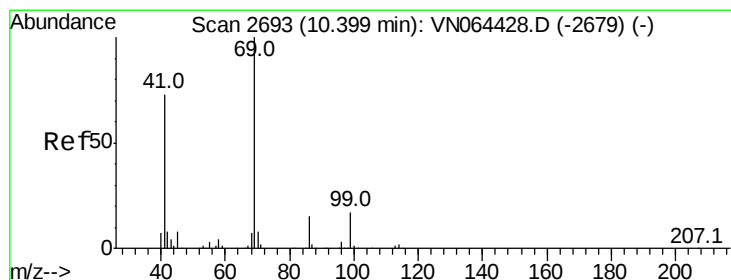
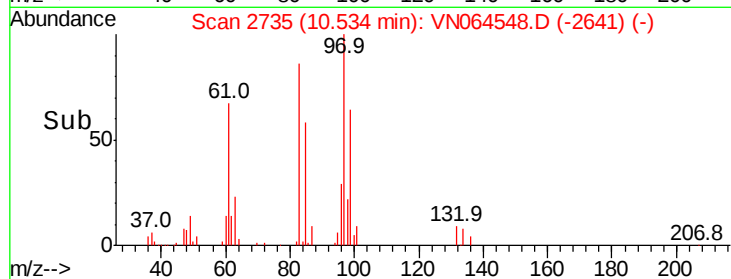
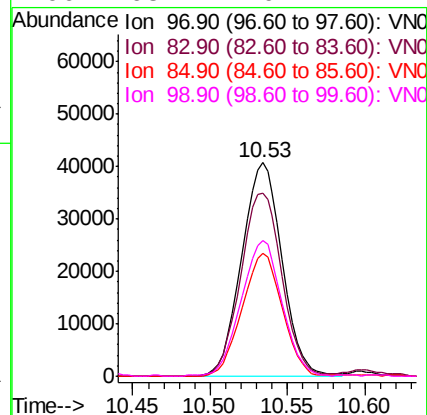
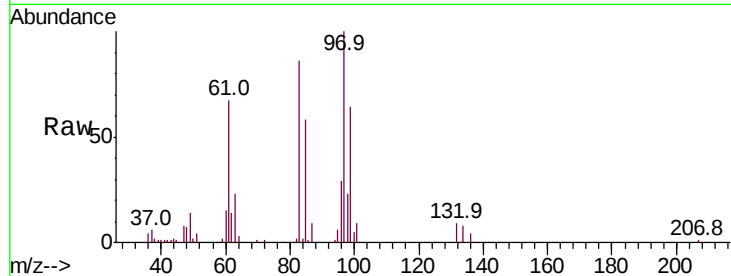




#55
 1,1,2-Trichloroethane
 Concen: 19.459 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

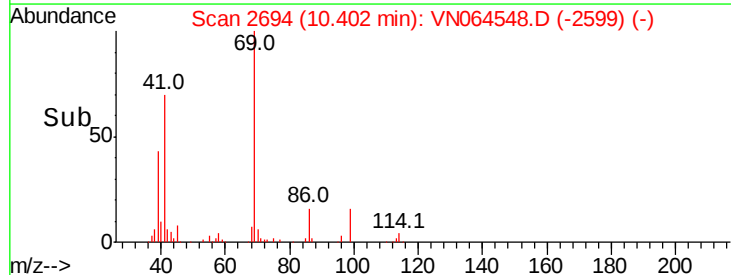
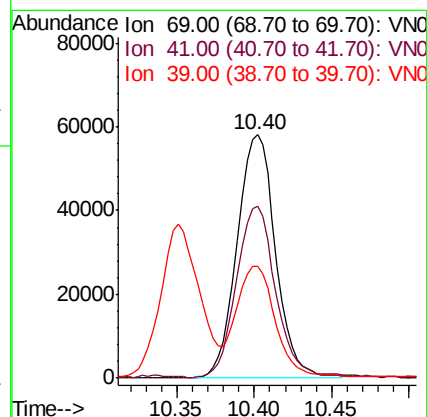
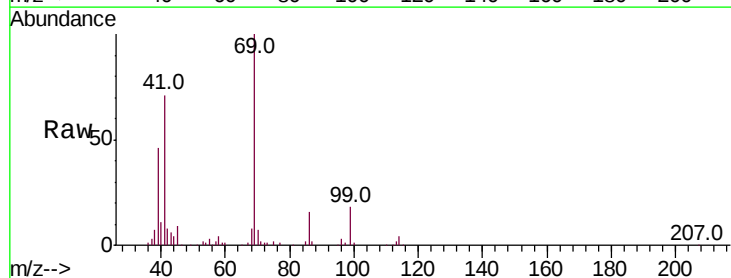
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

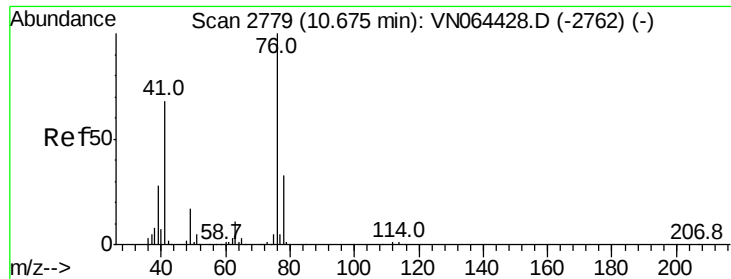
Tot Ion: 97 Resp: 74151
 Ion Ratio Lower Upper
 97 100
 83 85.8 71.7 107.5
 85 57.6 44.3 66.5
 99 63.4 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 17.250 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 69 Resp: 100305
 Ion Ratio Lower Upper
 69 100
 41 71.5 59.3 88.9
 39 45.3 35.4 53.0

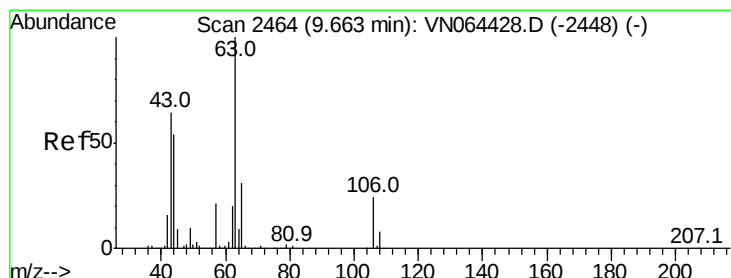
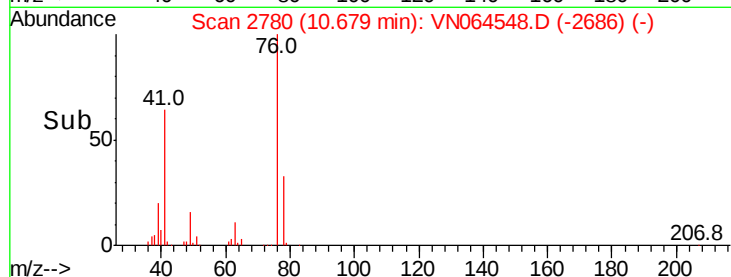
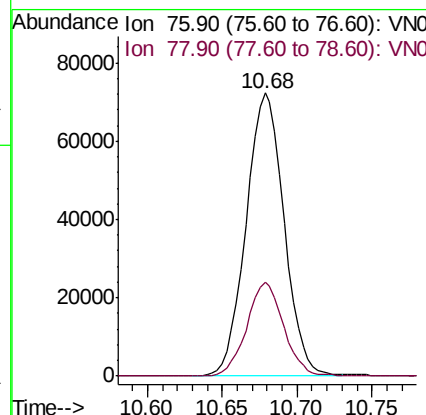
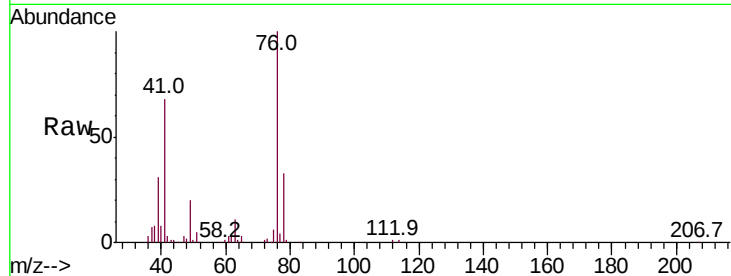




#57
 1,3-Dichloropropane
 Concen: 19.194 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

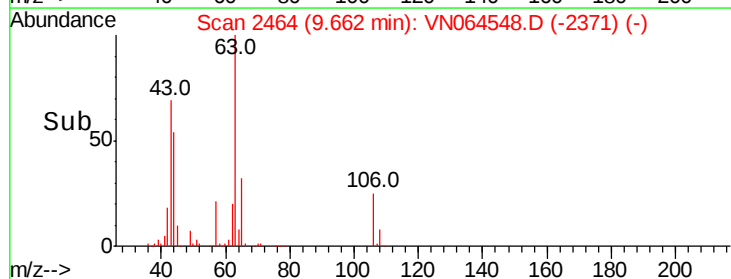
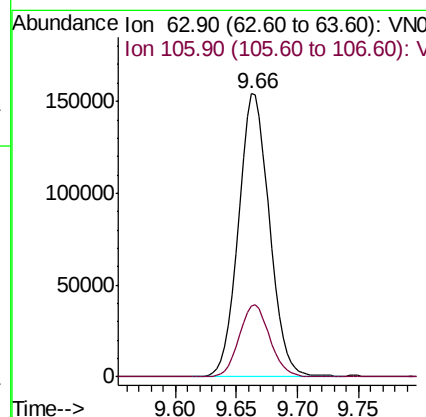
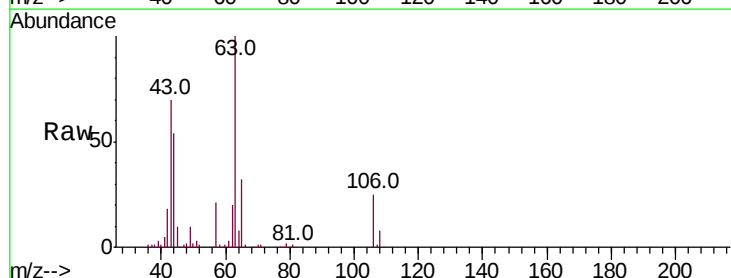
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

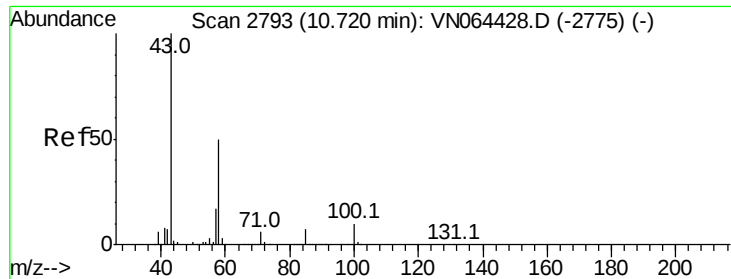
Tot Ion: 76 Resp: 127667
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.341 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 63 Resp: 271677
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.5 29.3





#59

2-Hexanone

Concen: 88.424 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

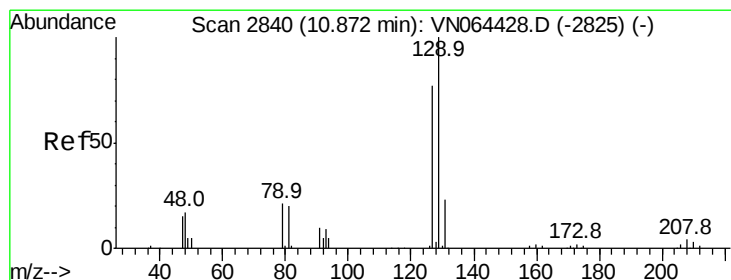
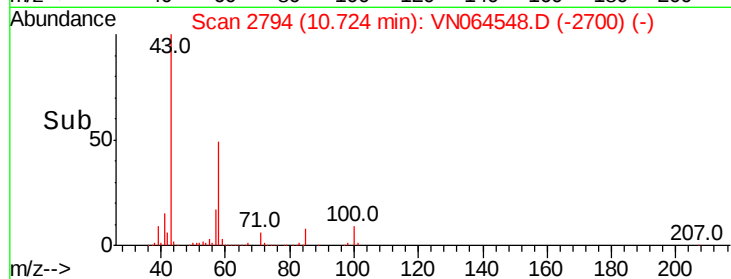
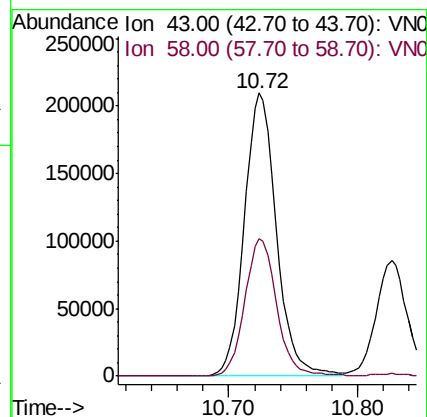
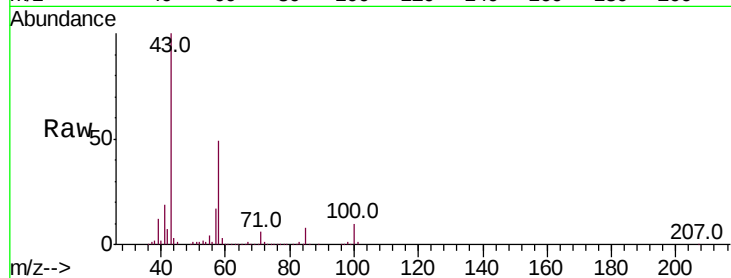
VN1111WBSD01

Tot Ion: 43 Resp: 360398

Ion Ratio Lower Upper

43 100

58 48.7 24.7 74.1



#60

Dibromochloromethane

Concen: 19.766 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064548.D

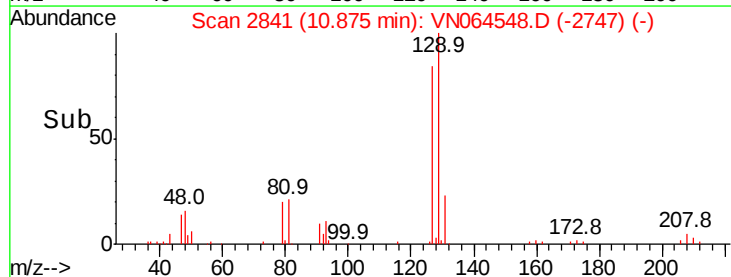
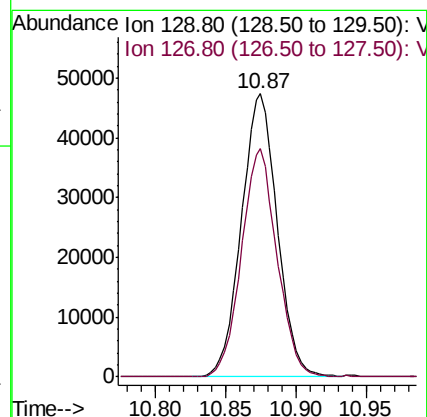
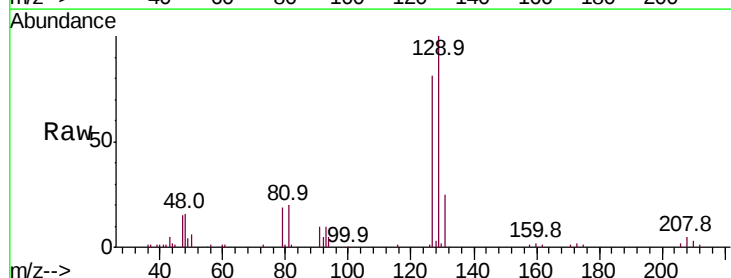
Acq: 11 Nov 2020 12:24

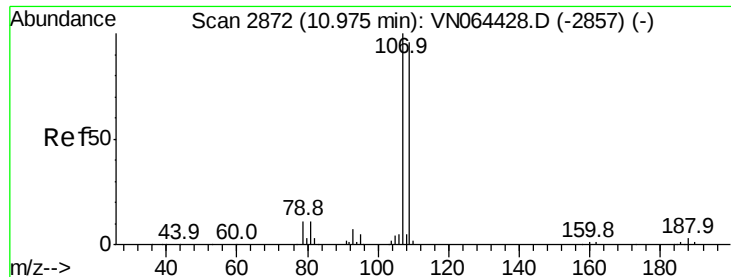
Tgt Ion: 129 Resp: 84329

Ion Ratio Lower Upper

129 100

127 79.8 38.9 116.7

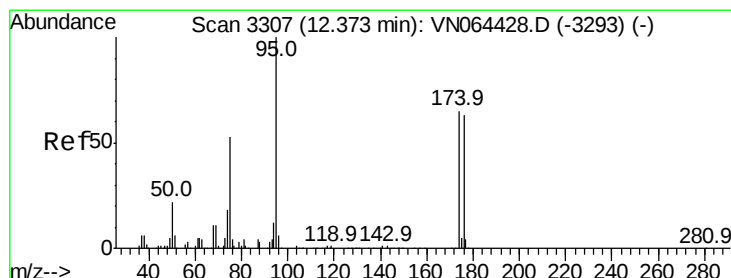
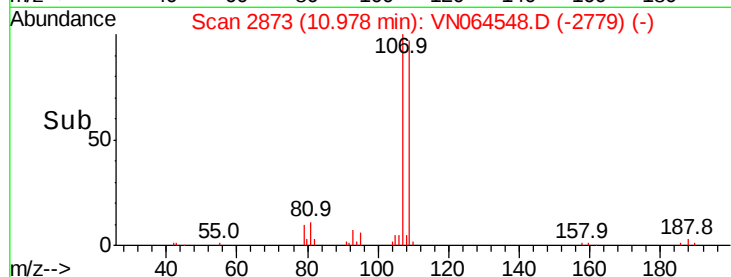
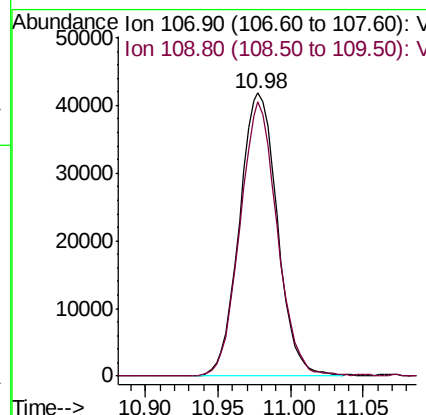
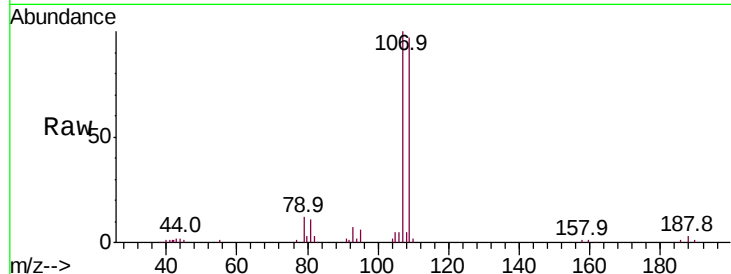




#61
 1,2-Dibromoethane
 Concen: 19.665 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

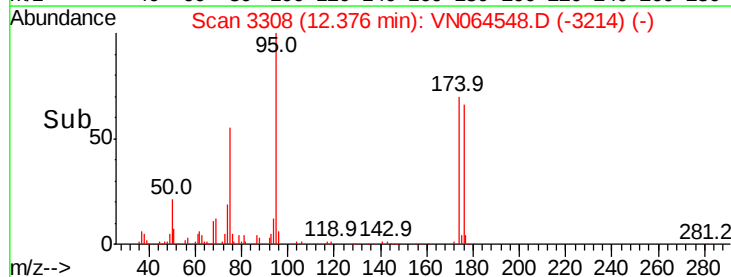
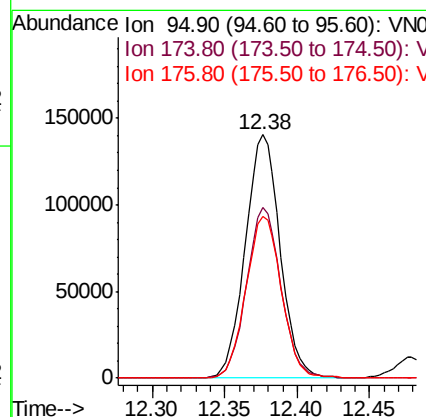
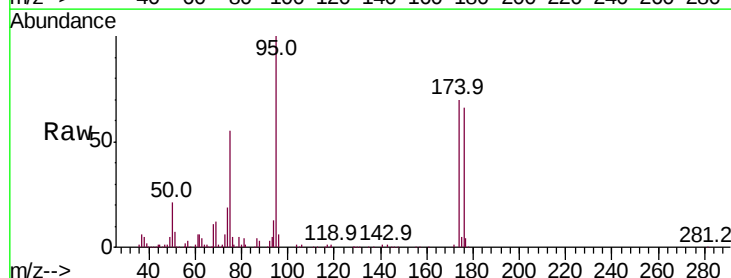
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

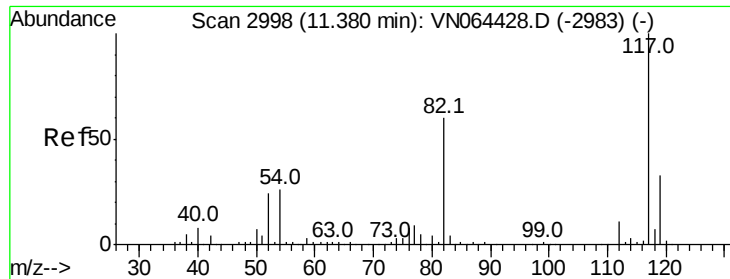
Tot Ion:107 Resp: 76009
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.767 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 95 Resp: 235061
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 132.6
 176 67.6 0.0 129.2

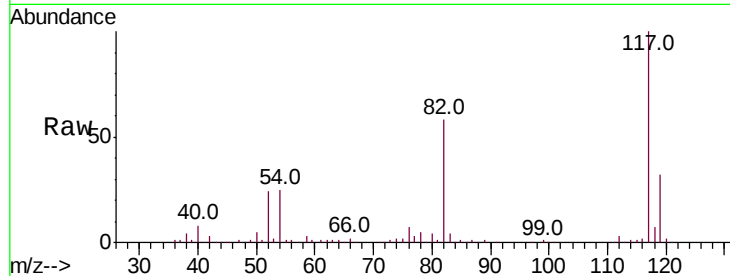




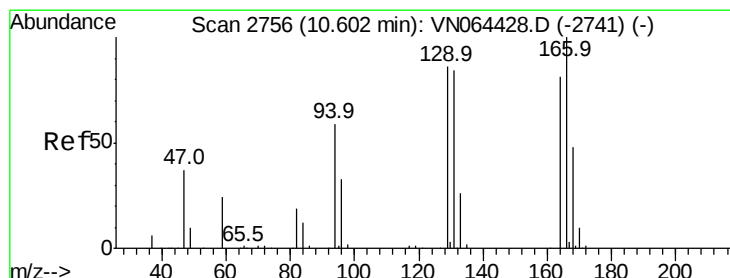
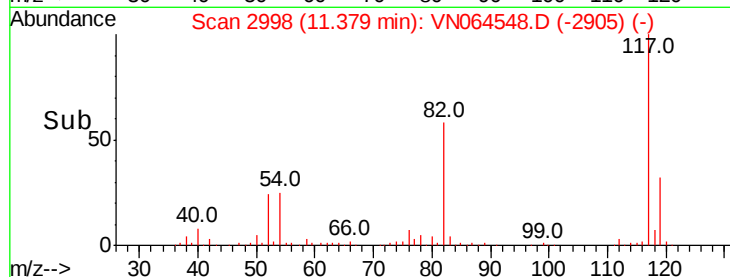
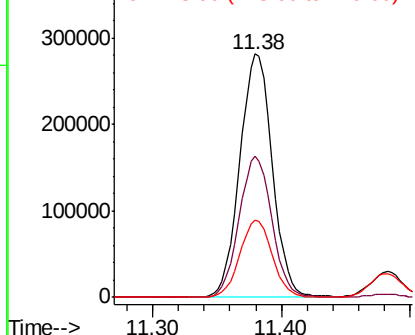
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampled :
VN1111WBSD01

Tot Ion:117 Resp: 493946
Ion Ratio Lower Upper
117 100
82 58.3 48.1 72.1
119 31.8 26.2 39.4

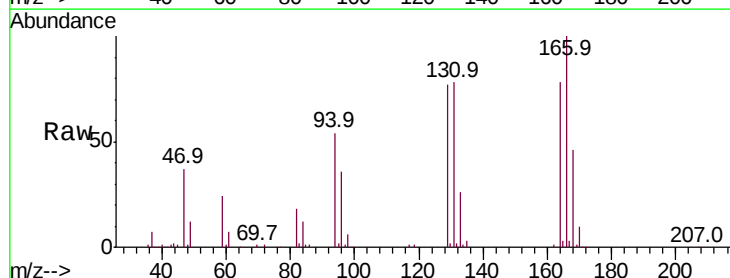


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

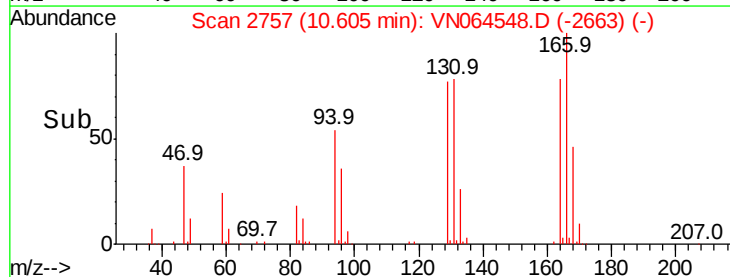
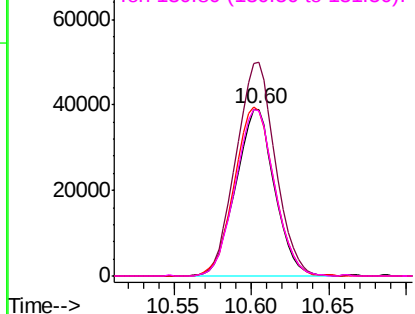


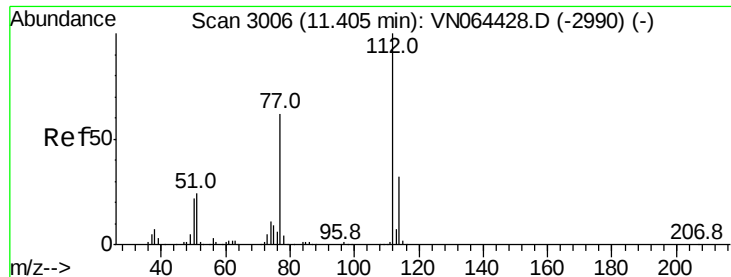
#64
Tetrachloroethene
Concen: 17.783 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion:164 Resp: 67661
Ion Ratio Lower Upper
164 100
166 128.1 98.2 147.2
129 98.7 84.6 127.0
131 99.3 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.560 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

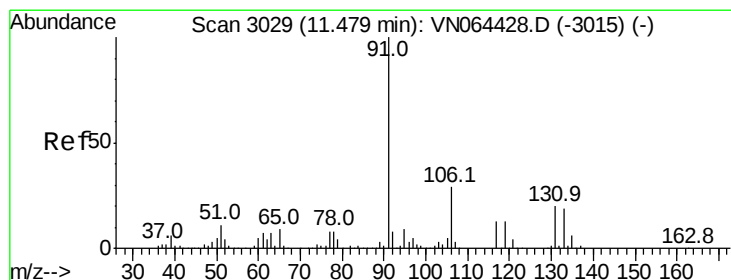
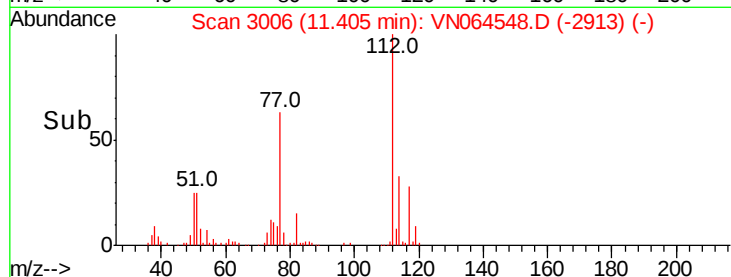
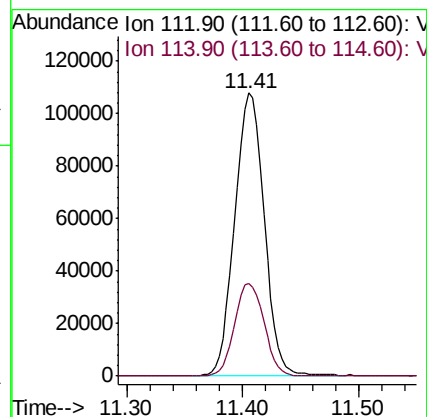
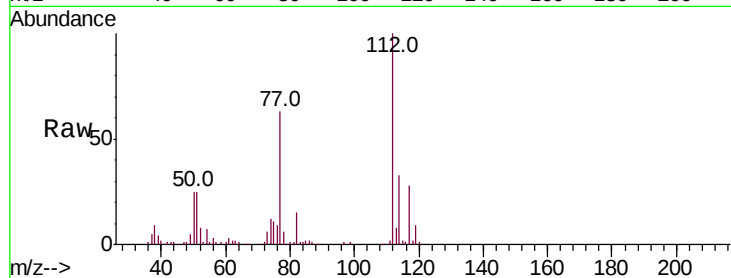
VN1111WBSD01

Tot Ion:112 Resp: 190142

Ion Ratio Lower Upper

112 100

114 32.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.645 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

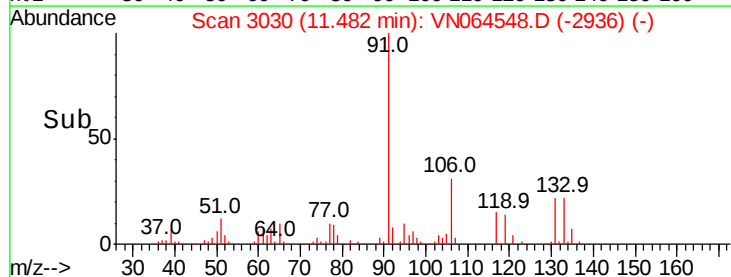
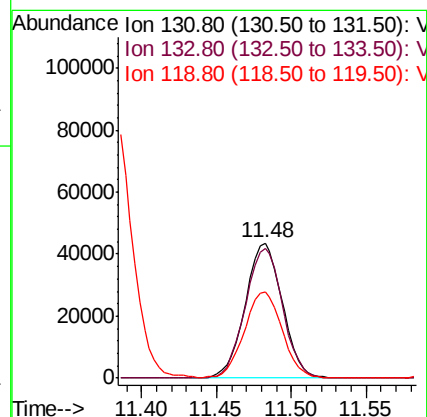
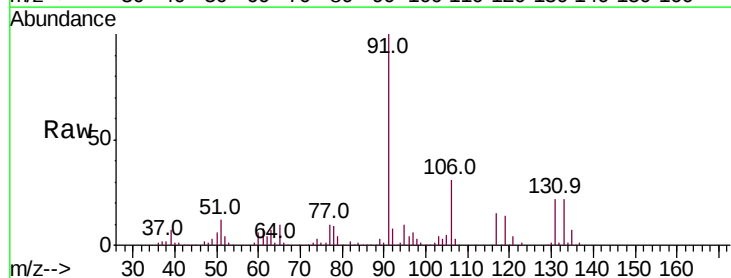
Tgt Ion:131 Resp: 75318

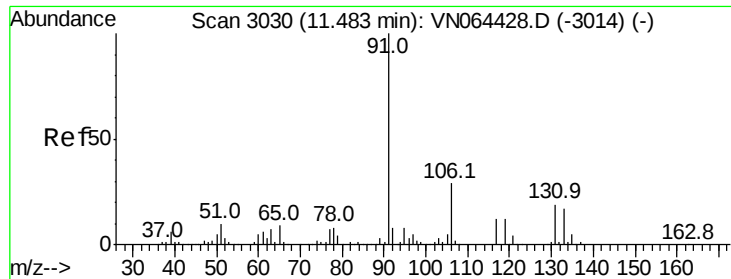
Ion Ratio Lower Upper

131 100

133 96.5 46.9 140.7

119 65.2 32.1 96.5





#67

Ethyl Benzene

Concen: 17.073 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

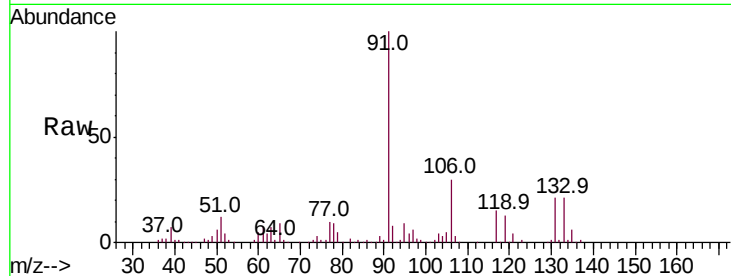
VN1111WBSD01

Tot Ion: 91 Resp: 328841

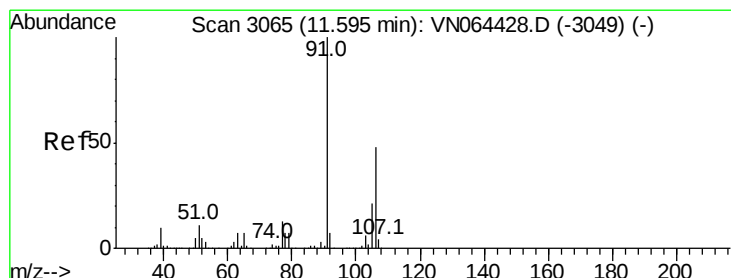
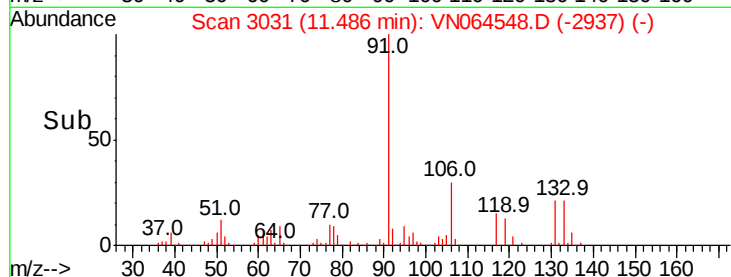
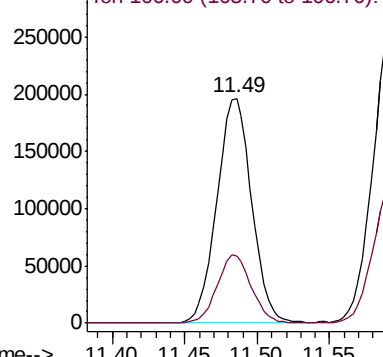
Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3014) (-)



#68

m/p-Xylenes

Concen: 35.264 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064548.D

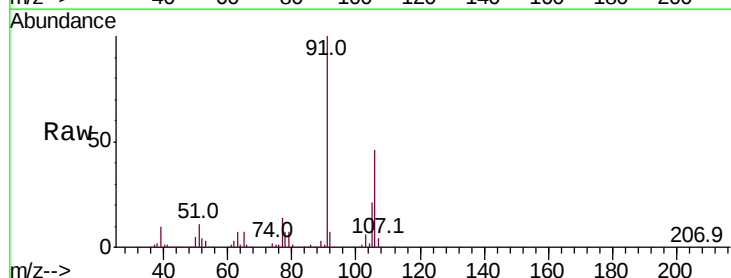
Acq: 11 Nov 2020 12:24

Tgt Ion: 106 Resp: 246327

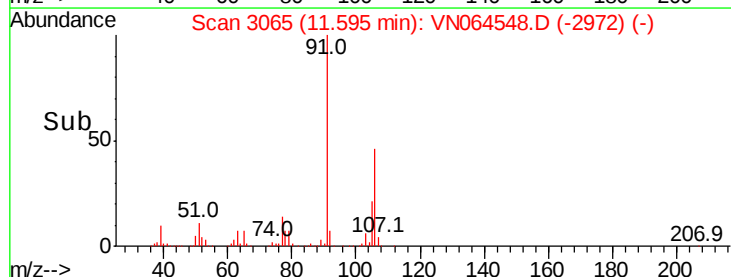
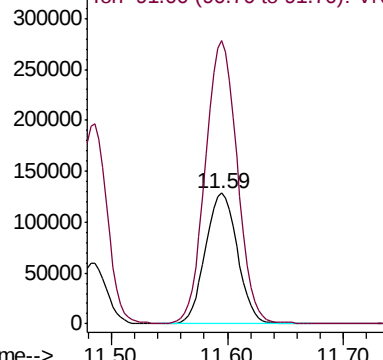
Ion Ratio Lower Upper

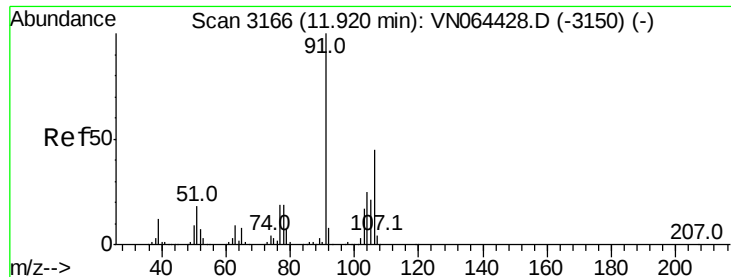
106 100

91 215.3 169.4 254.2



Abundance Ion 106.00 (105.70 to 106.70): VN064428.D (-3049) (-)

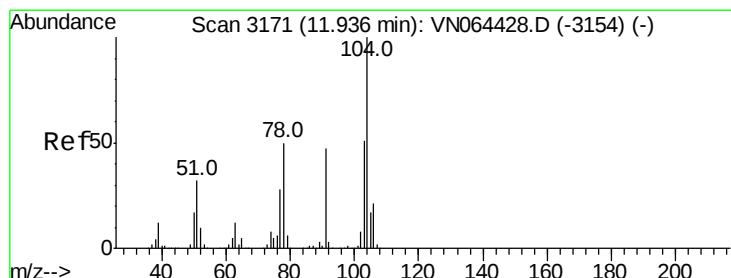
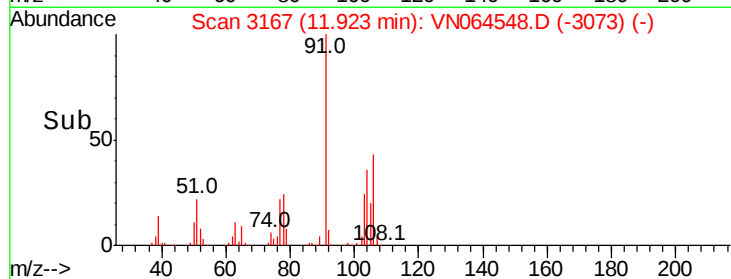
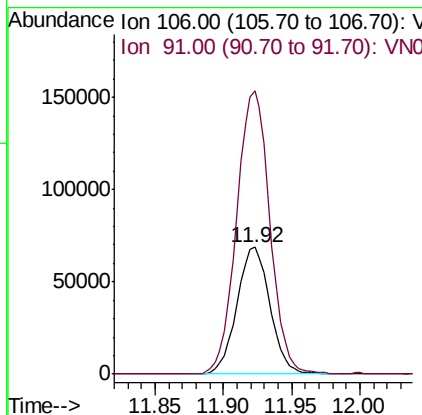
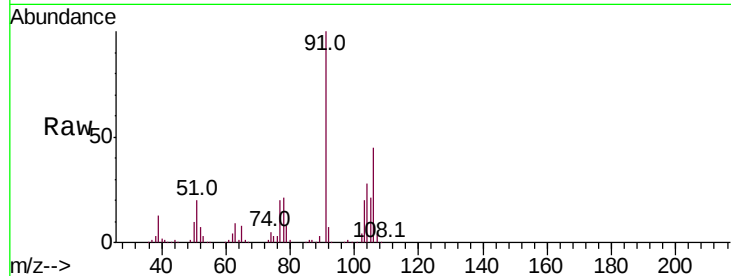




#69
o-Xylene
Concen: 17.223 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

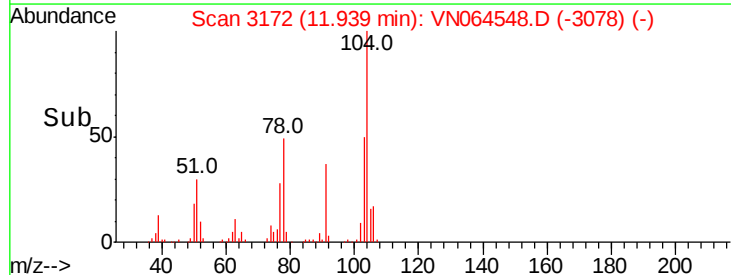
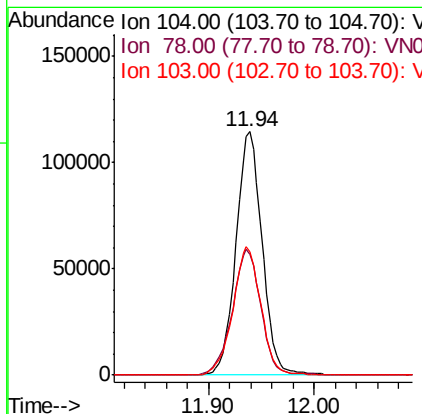
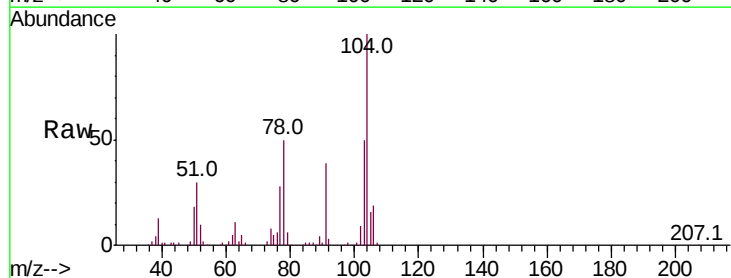
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

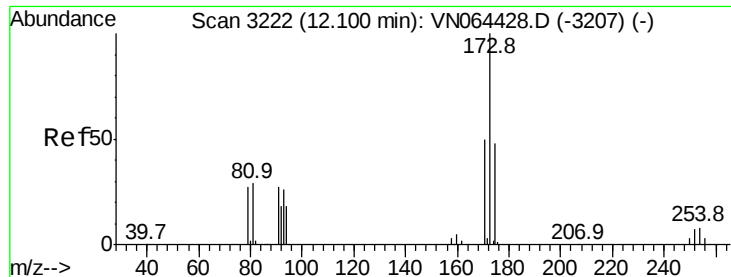
Tot Ion:106 Resp: 116252
Ion Ratio Lower Upper
106 100
91 223.1 111.7 334.9



#70
Styrene
Concen: 17.354 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion:104 Resp: 197108
Ion Ratio Lower Upper
104 100
78 56.4 44.0 66.0
103 56.0 43.8 65.6





#71

Bromoform

Concen: 18.347 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

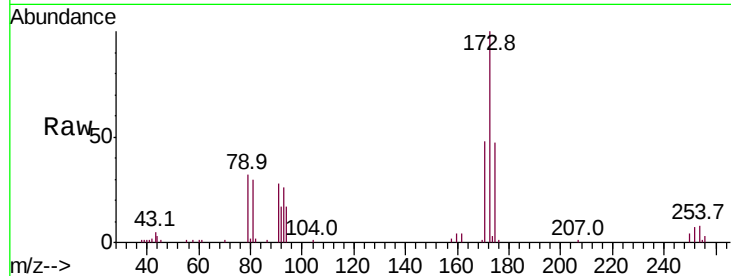
Tot Ion:173 Resp: 53139

Ion Ratio Lower Upper

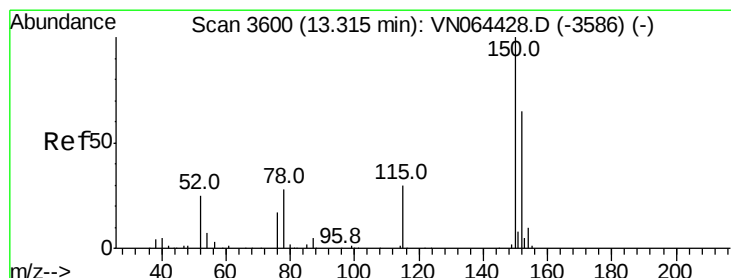
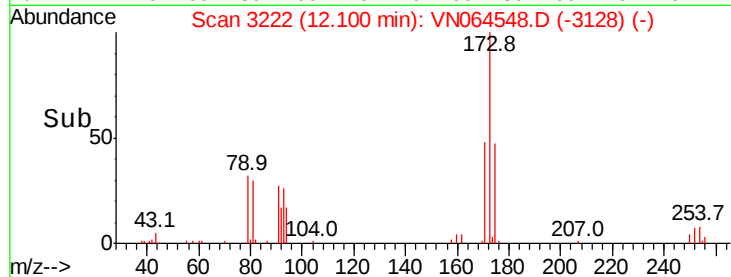
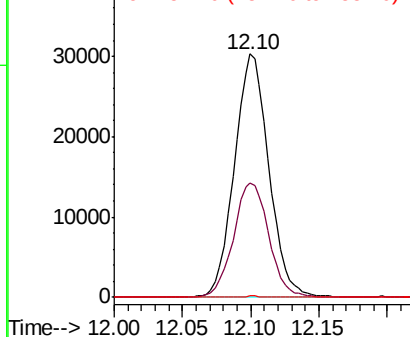
173 100

175 48.1 23.7 71.1

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

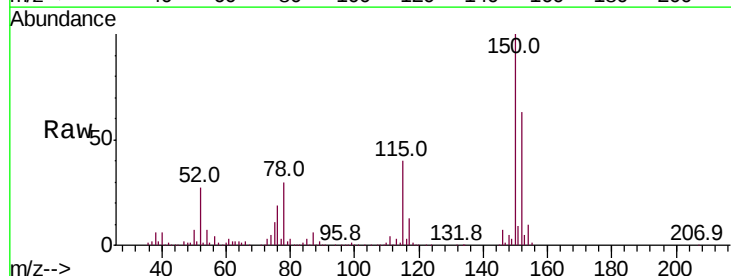
Tgt Ion:152 Resp: 218679

Ion Ratio Lower Upper

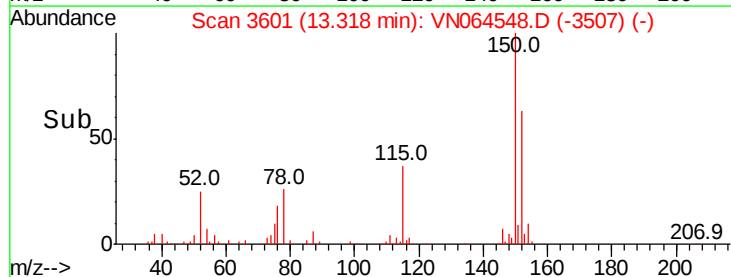
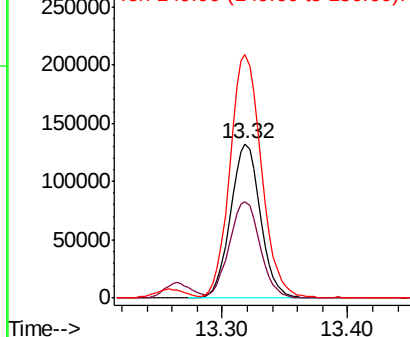
152 100

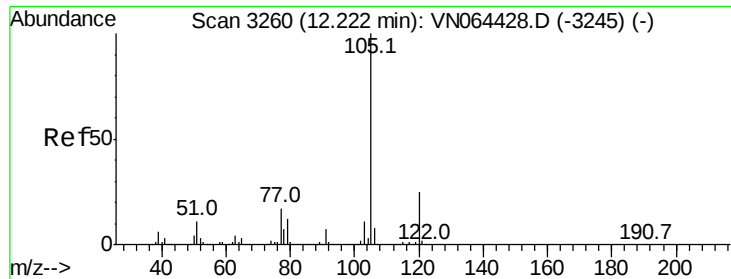
115 64.1 32.0 96.0

150 165.3 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.444 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

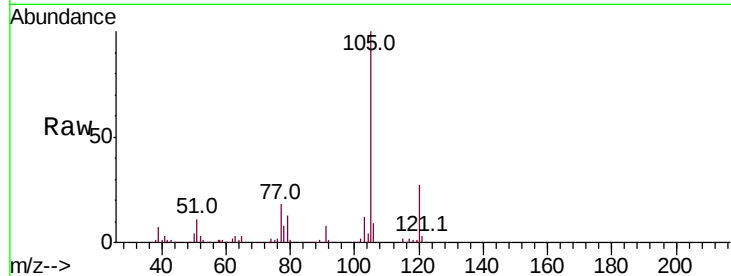
VN1111WBSD01

Tot Ion:105 Resp: 303207

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

200000

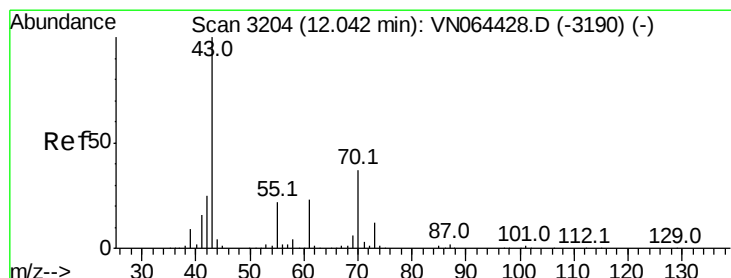
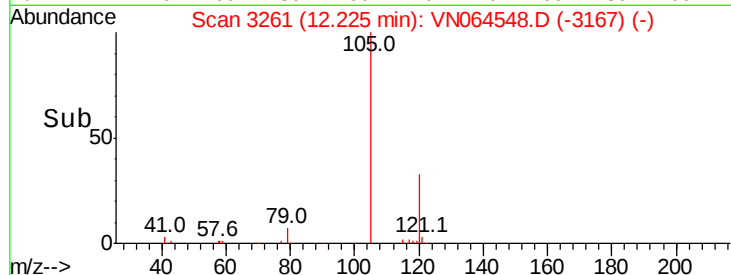
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.675 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 43 Resp: 133574

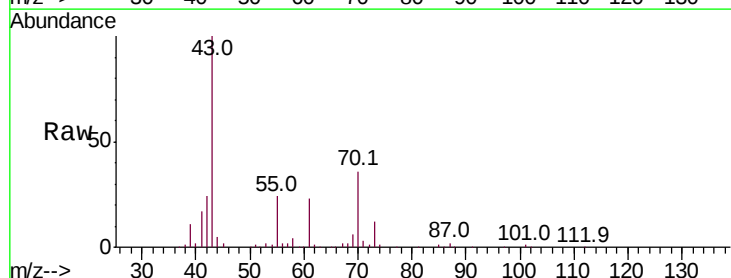
Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 24.5 18.4 27.6

61 21.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

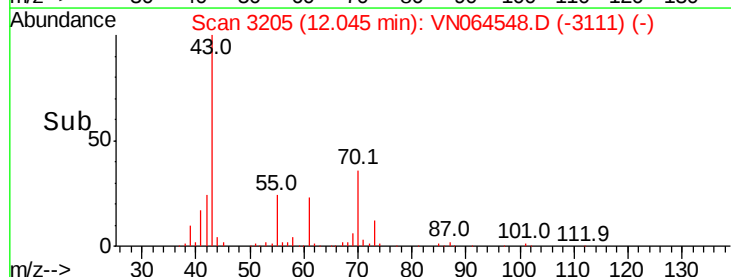
60000

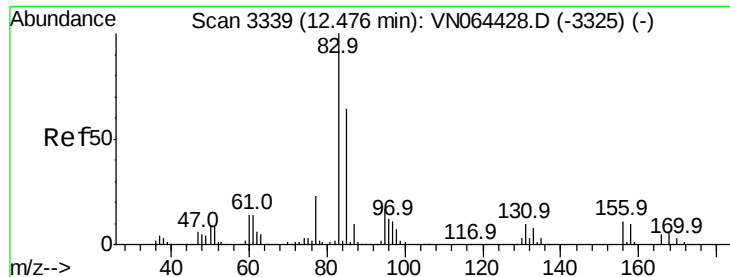
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.381 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

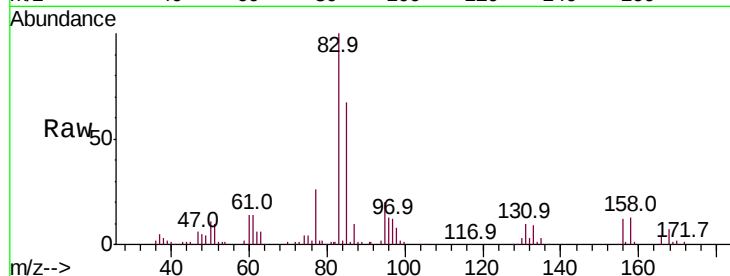
Tot Ion: 83 Resp: 103471

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.7

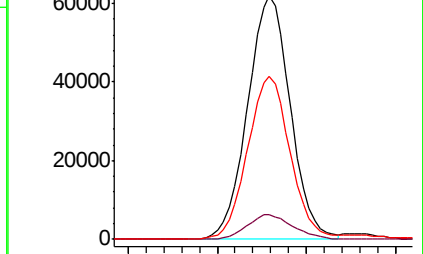
85 68.5 32.1 96.5



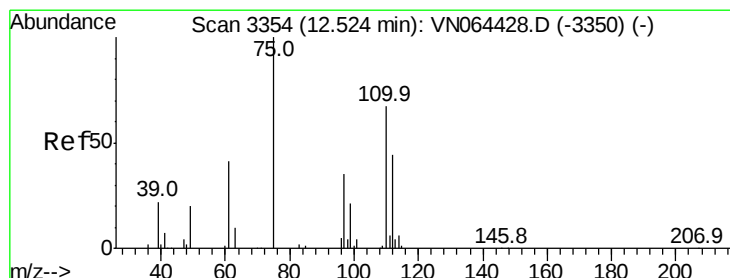
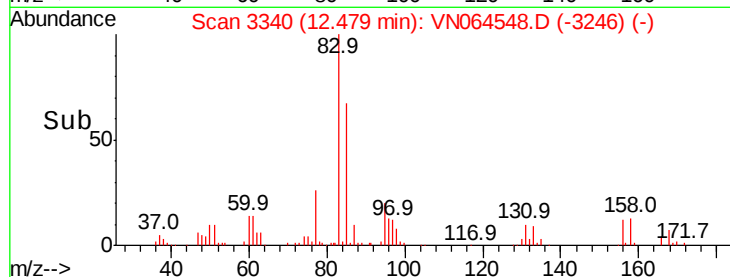
Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 26.766 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064548.D

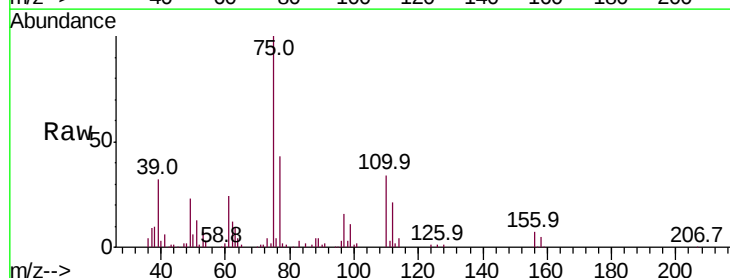
Acq: 11 Nov 2020 12:24

Tgt Ion: 75 Resp: 141818

Ion Ratio Lower Upper

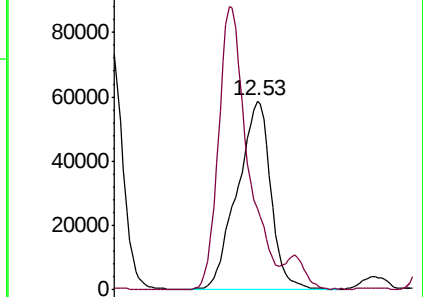
75 100

77 0.0 0.0 0.0

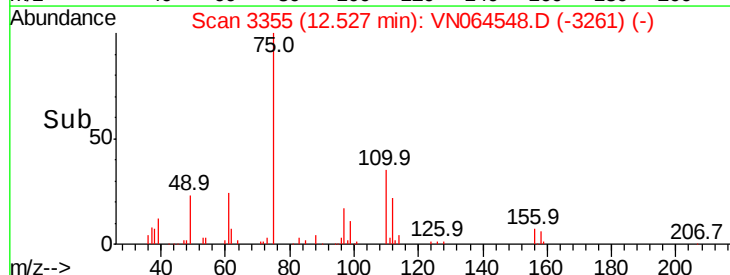


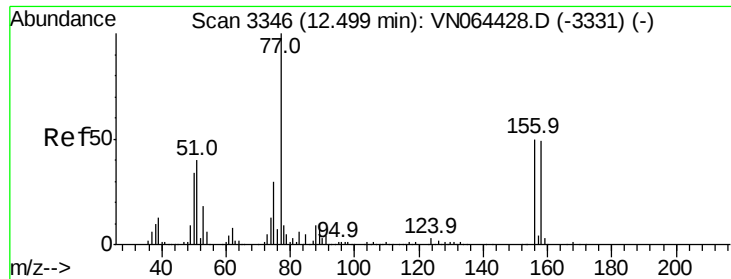
Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)



Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 17.483 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

VN1111WBSD01

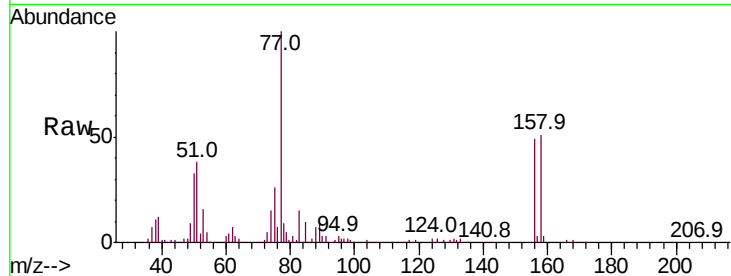
Tot Ion:156 Resp: 74188

Ion Ratio Lower Upper

156 100

77 250.1 119.0 357.0

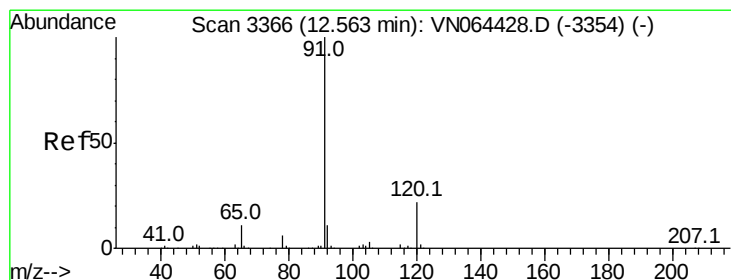
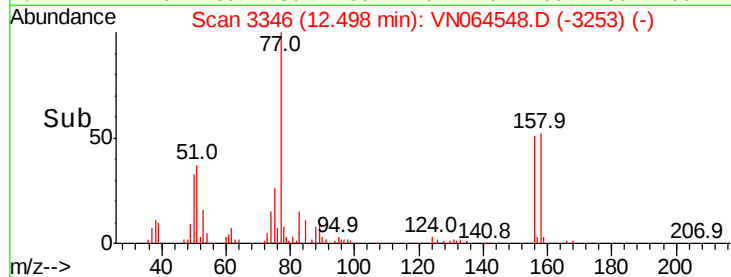
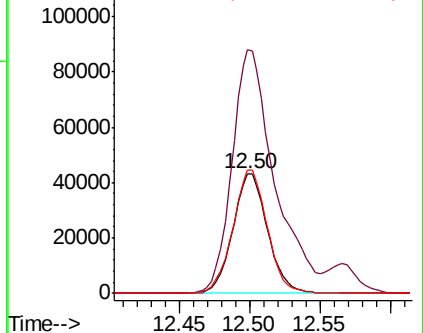
158 101.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.799 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064548.D

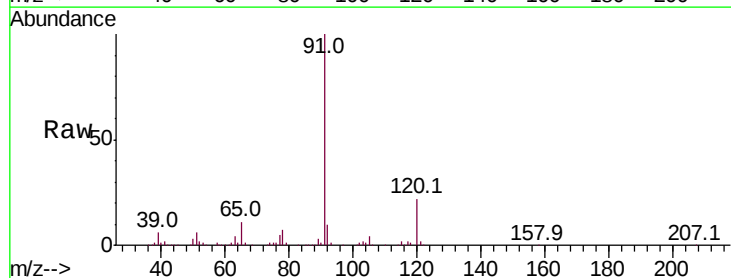
Acq: 11 Nov 2020 12:24

Tgt Ion: 91 Resp: 352706

Ion Ratio Lower Upper

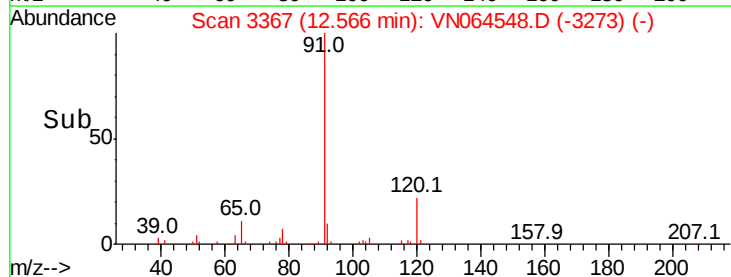
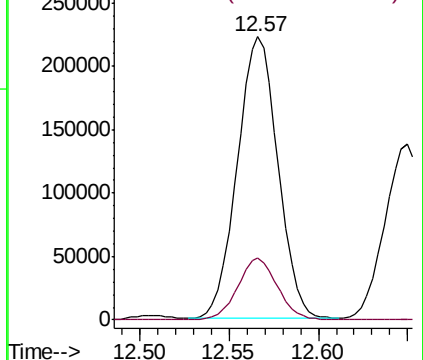
91 100

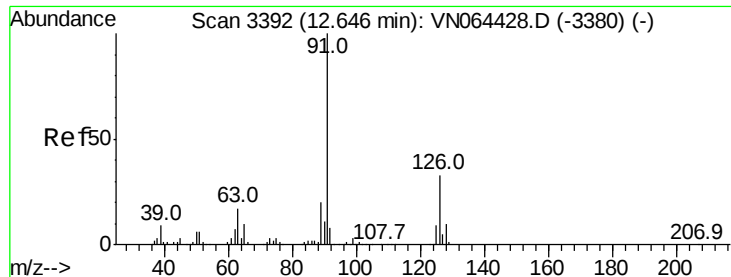
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

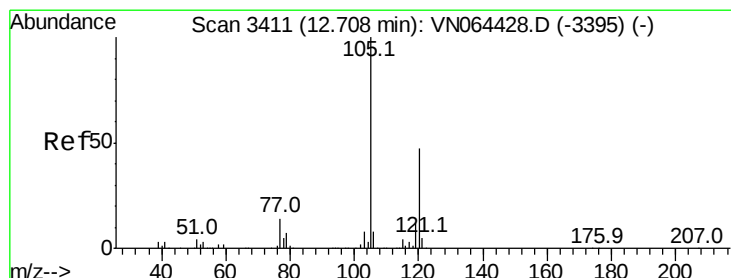
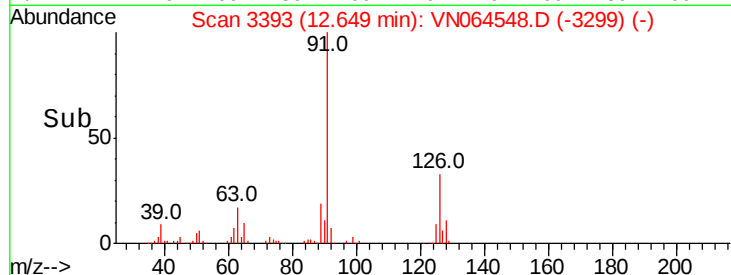
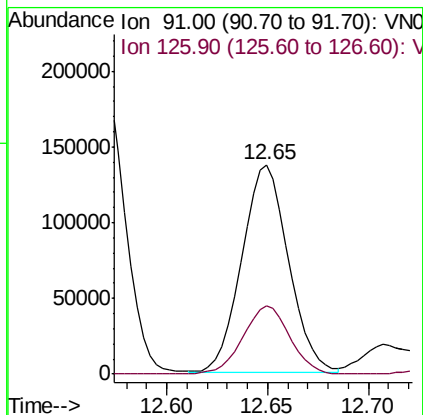
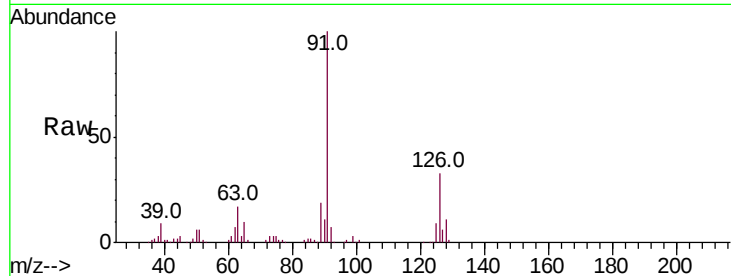




#79
 2-Chlorotoluene
 Concen: 17.788 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

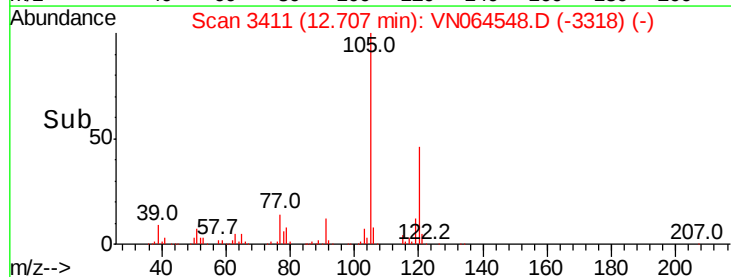
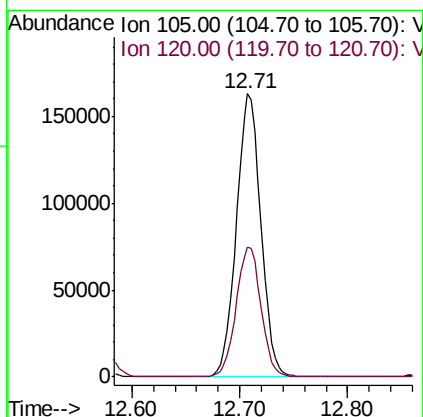
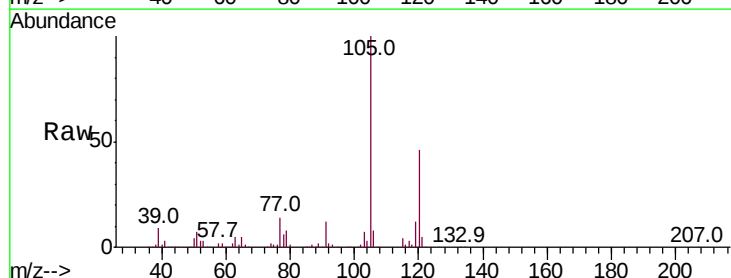
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

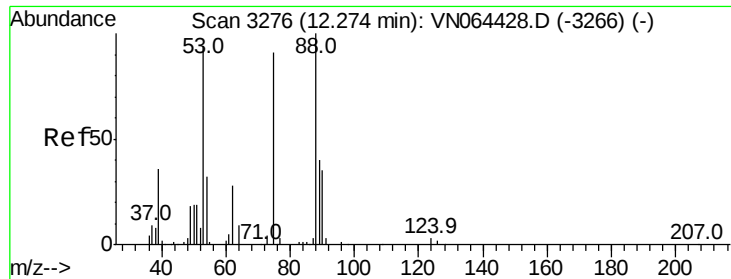
Tot Ion: 91 Resp: 223562
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.033 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 105 Resp: 258571
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.992 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

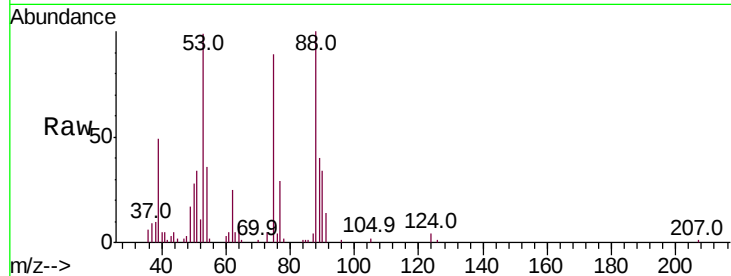
Tot Ion: 75 Resp: 32244

Ion Ratio Lower Upper

75 100

53 117.5 84.0 126.0

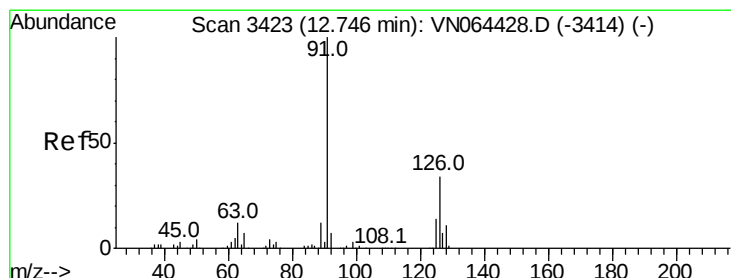
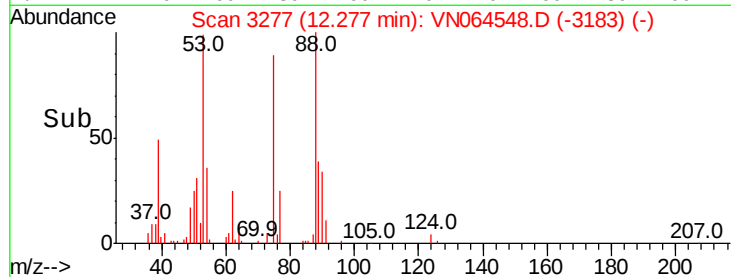
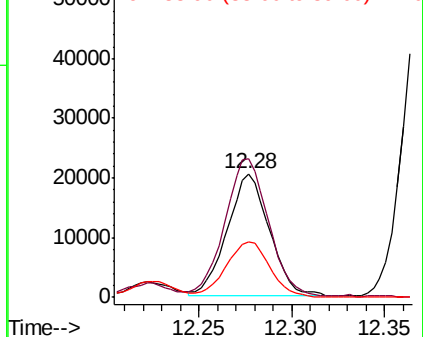
89 47.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.204 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064548.D

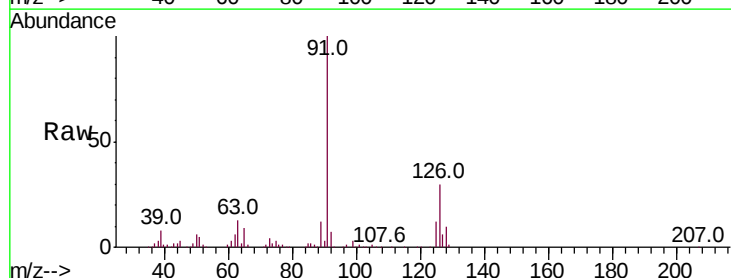
Acq: 11 Nov 2020 12:24

Tgt Ion: 91 Resp: 239603

Ion Ratio Lower Upper

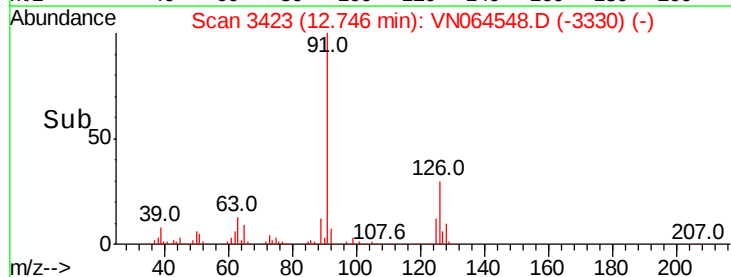
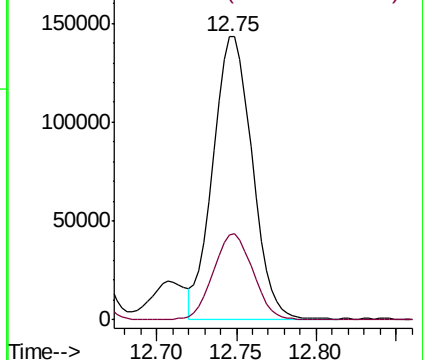
91 100

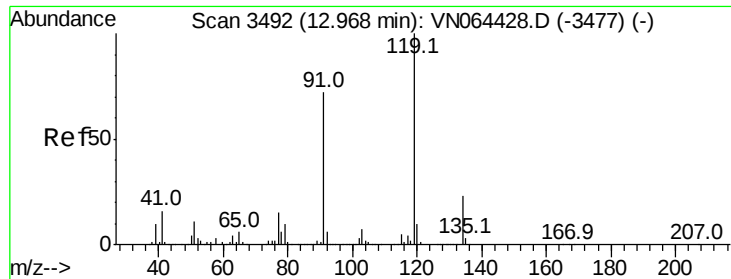
126 30.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

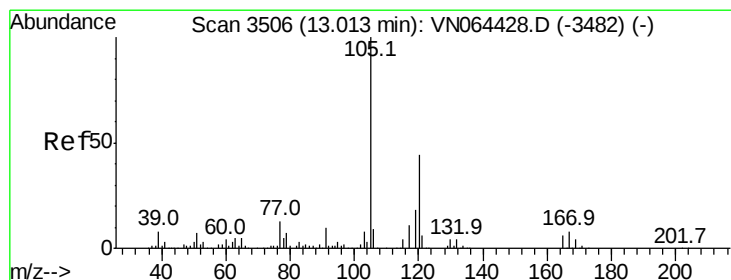
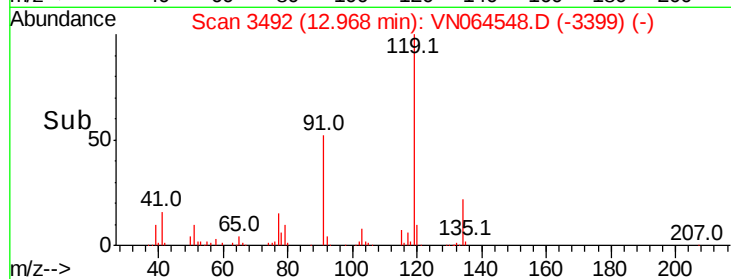
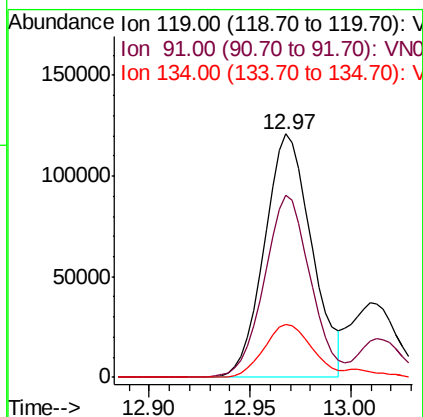
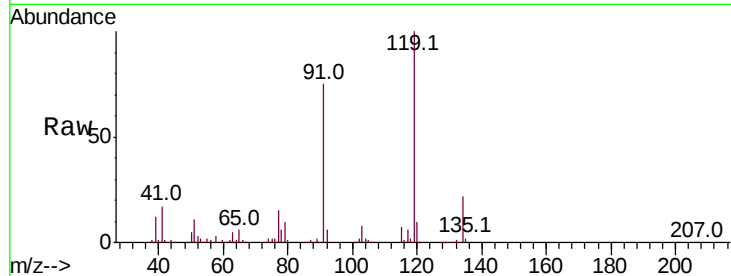




#83
tert-Butylbenzene
Concen: 17.574 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

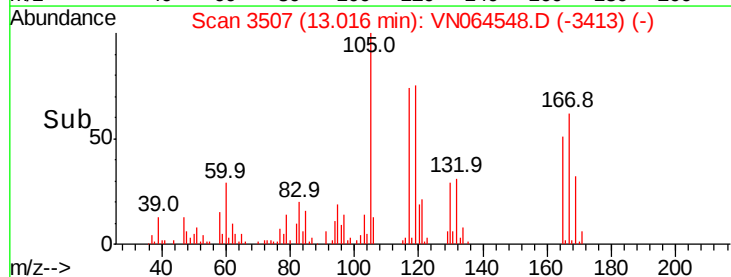
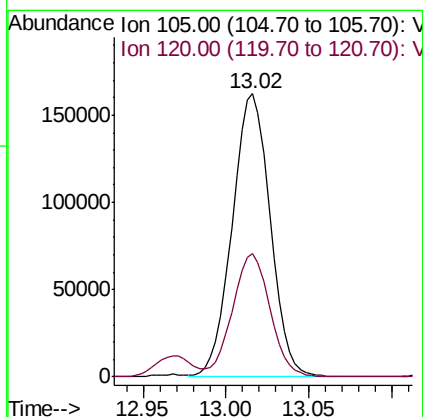
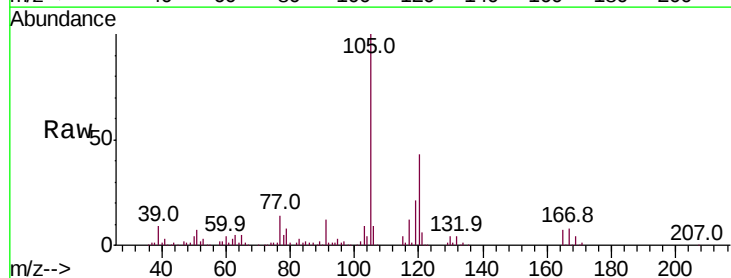
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

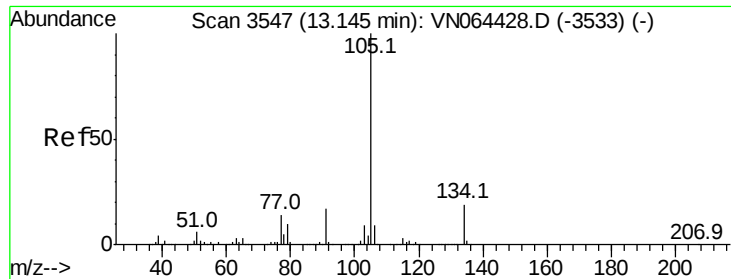
Tot Ion:119 Resp: 196811
Ion Ratio Lower Upper
119 100
91 72.4 36.1 108.3
134 22.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 17.786 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion:105 Resp: 256373
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.377 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

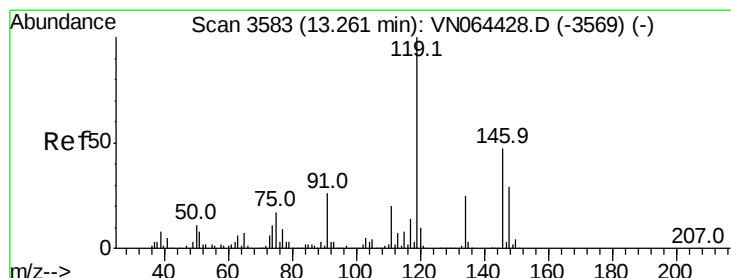
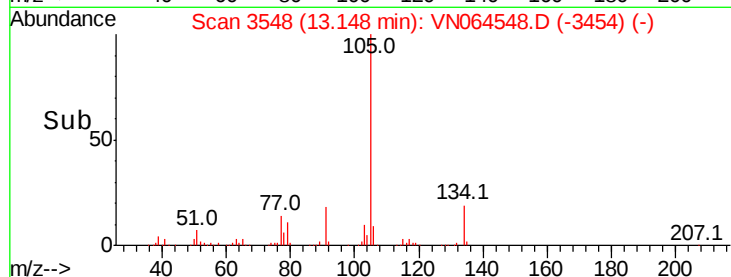
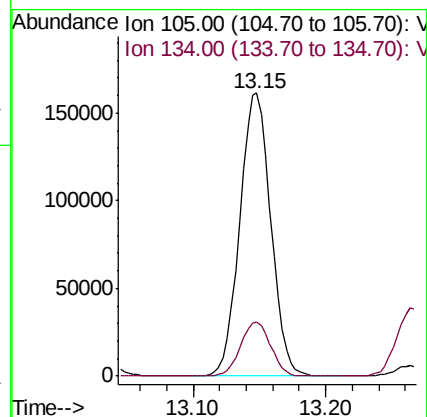
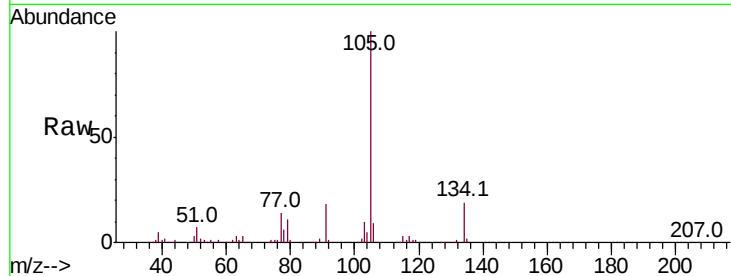
VN1111WBSD01

Tot Ion:105 Resp: 260645

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



#86

p-Isopropyltoluene

Concen: 17.933 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

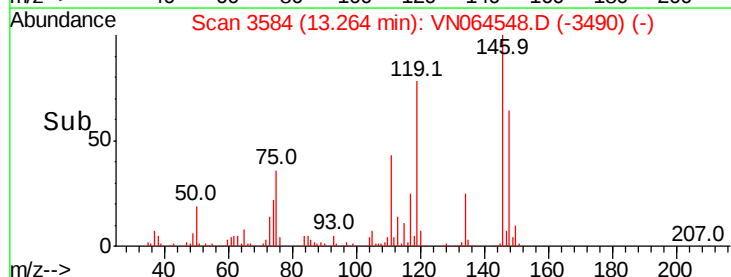
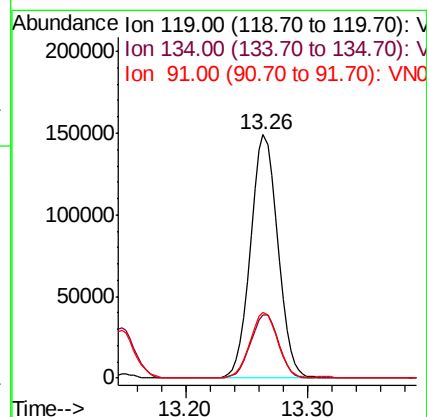
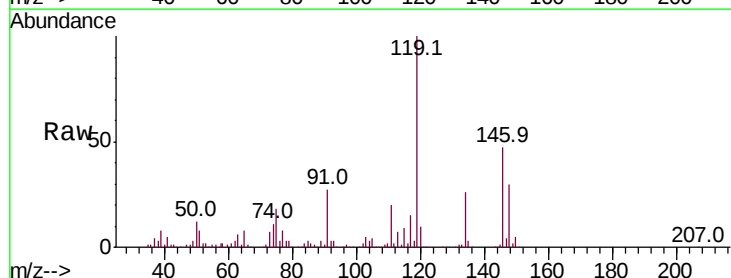
Tgt Ion:119 Resp: 228782

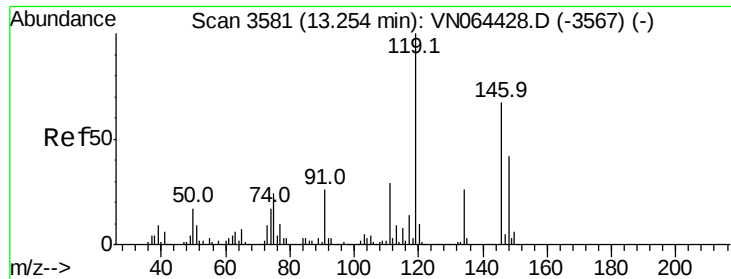
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.6

91 27.1 12.8 38.3

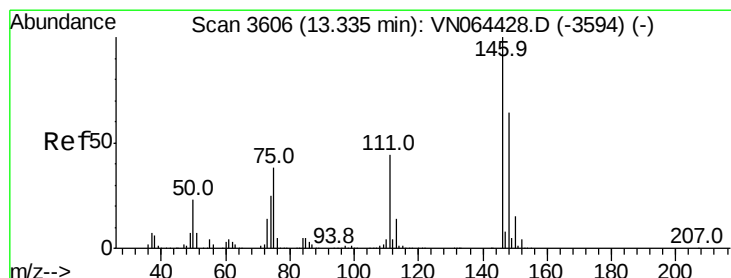
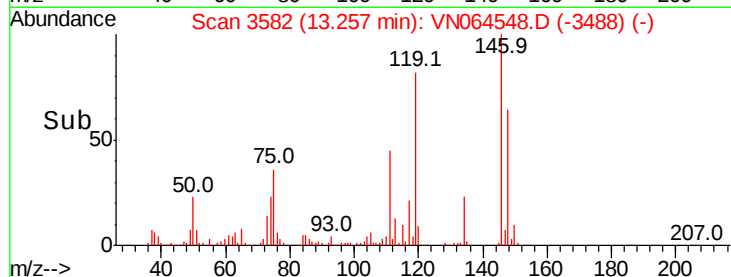
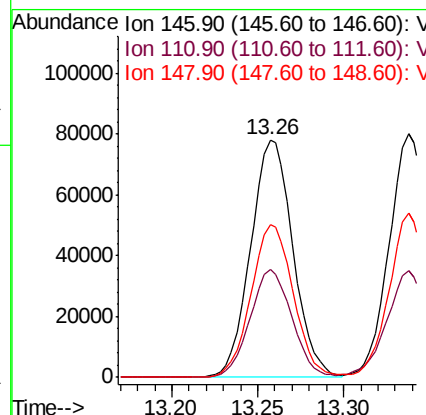
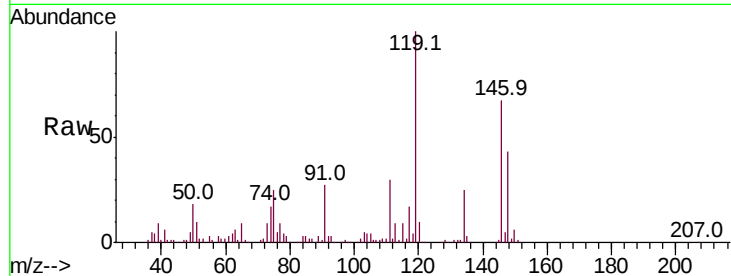




#87
 1,3-Dichlorobenzene
 Concen: 18.131 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

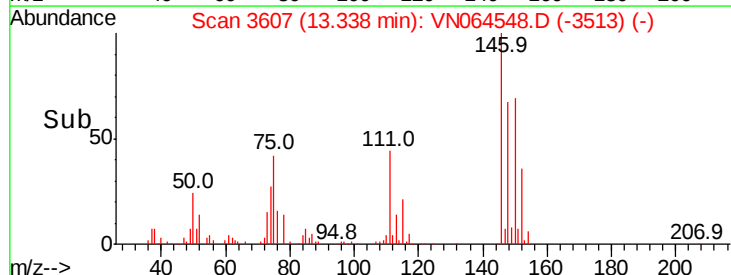
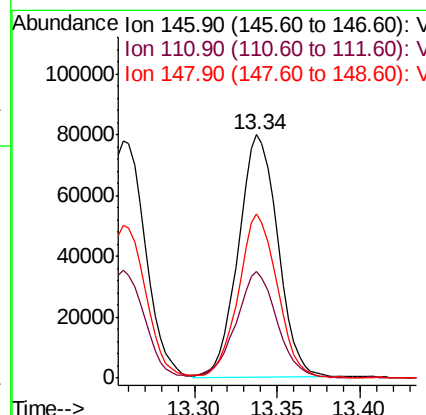
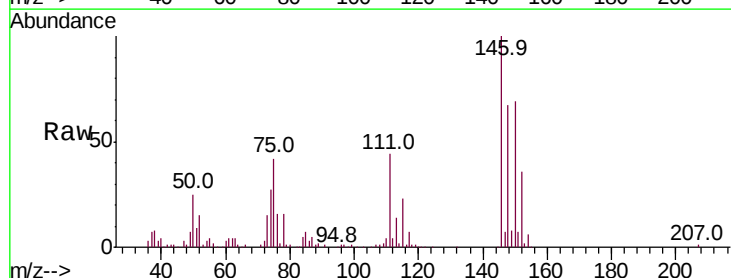
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

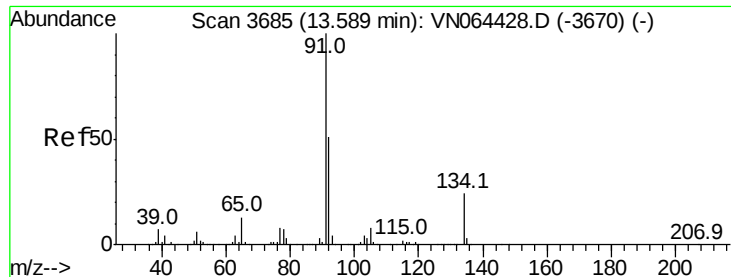
Tot Ion:146 Resp: 132997
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.1
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.359 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion:146 Resp: 131596
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.8 65.3
 148 66.2 32.4 97.2

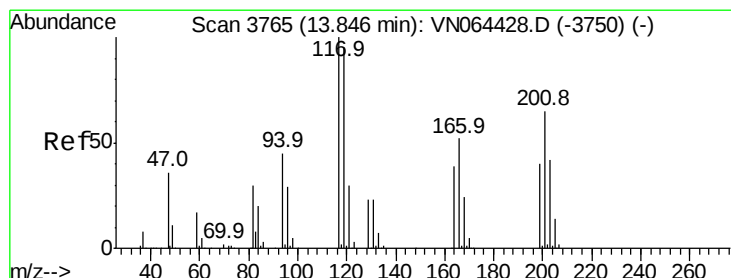
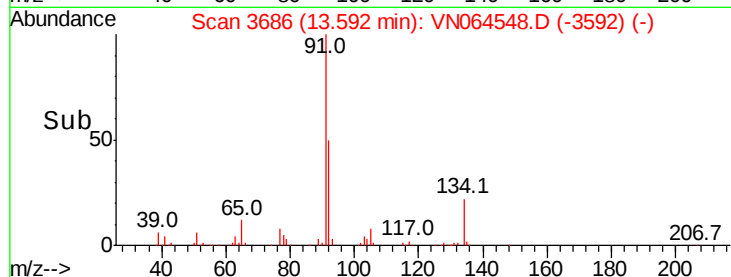
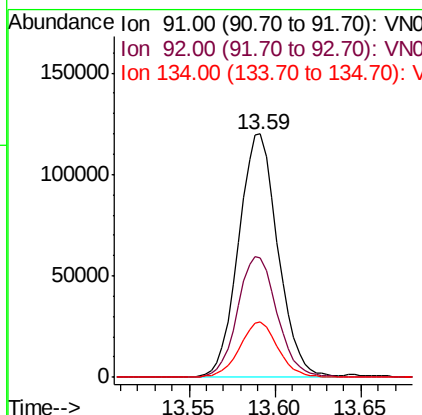
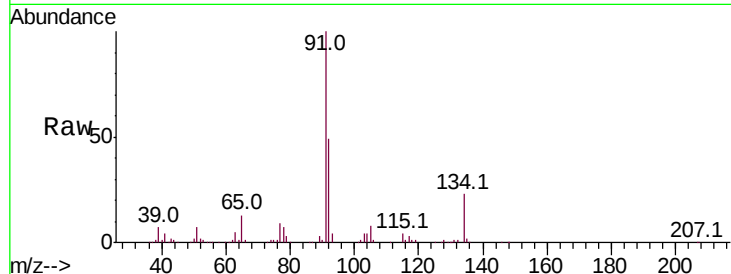




#89
n-Butylbenzene
Concen: 17.380 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

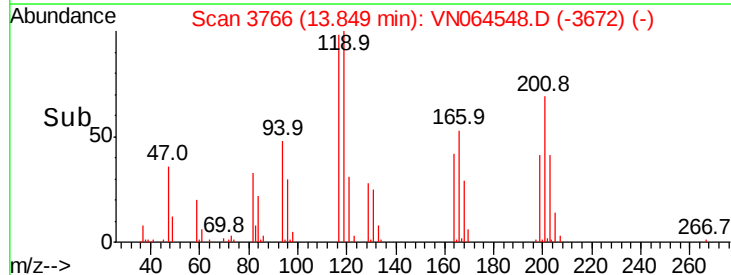
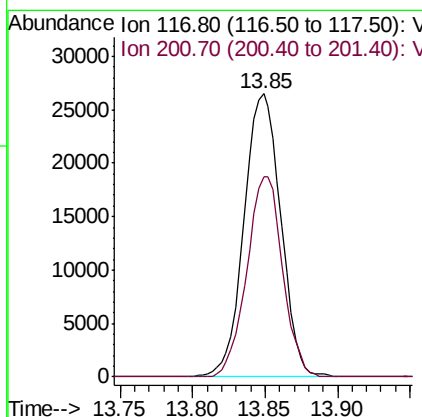
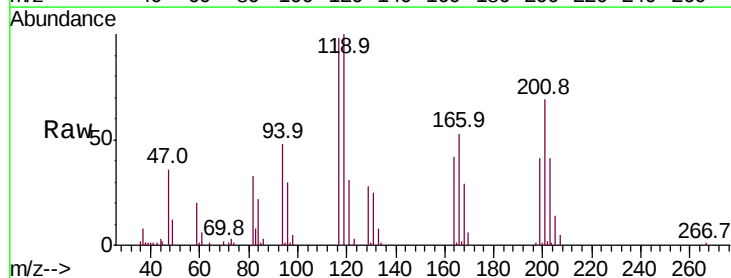
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

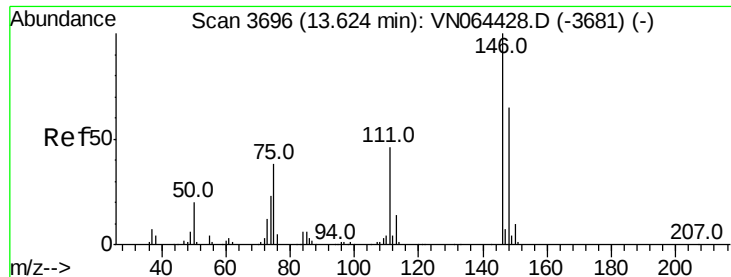
Tot Ion: 91 Resp: 190636
Ion Ratio Lower Upper
91 100
92 50.4 25.3 75.9
134 22.3 11.8 35.4



#90
Hexachloroethane
Concen: 19.020 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 117 Resp: 46807
Ion Ratio Lower Upper
117 100
201 68.8 32.5 97.5

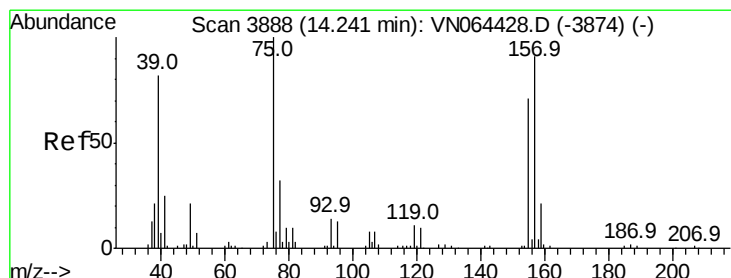
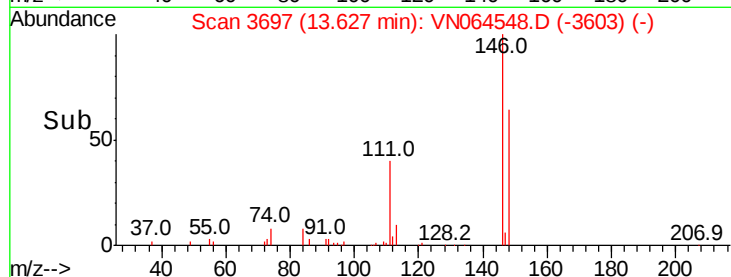
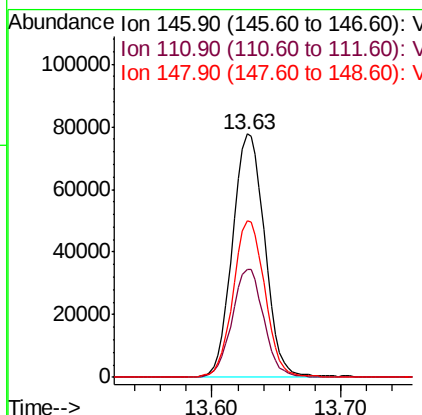
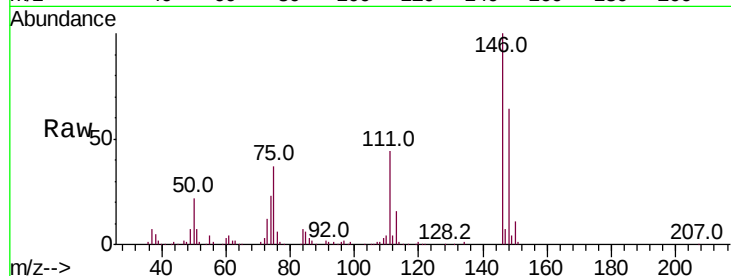




#91
 1,2-Dichlorobenzene
 Concen: 19.172 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

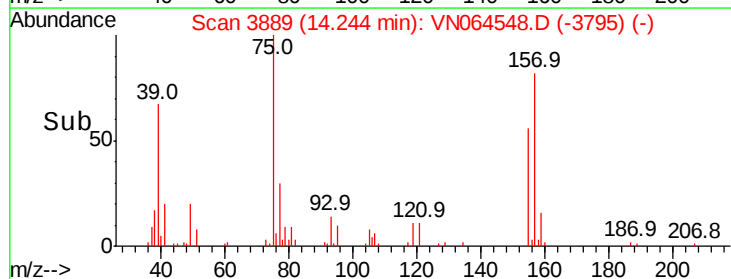
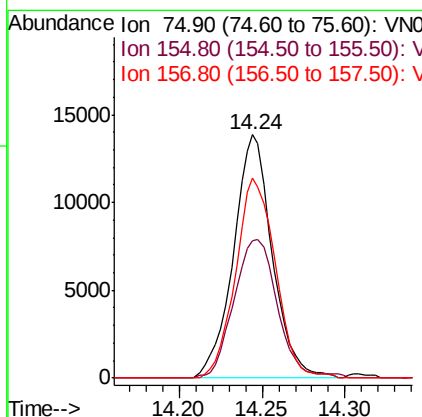
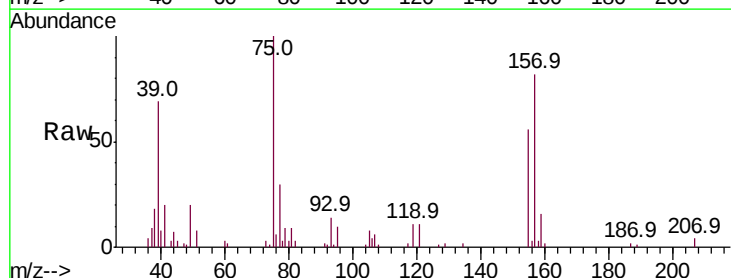
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

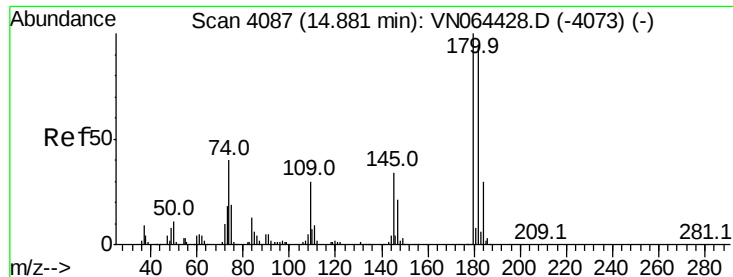
Tot Ion:146 Resp: 135278
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.9 68.7
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.200 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 75 Resp: 22534
 Ion Ratio Lower Upper
 75 100
 155 63.3 34.6 103.9
 157 84.3 43.0 128.8

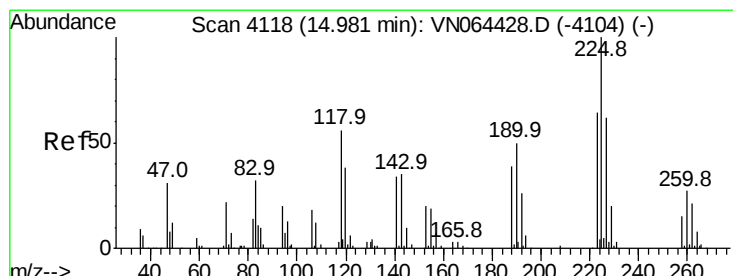
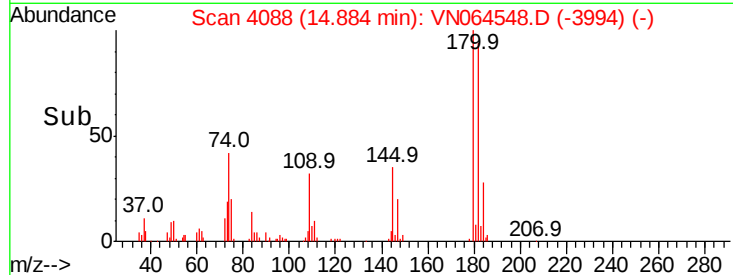
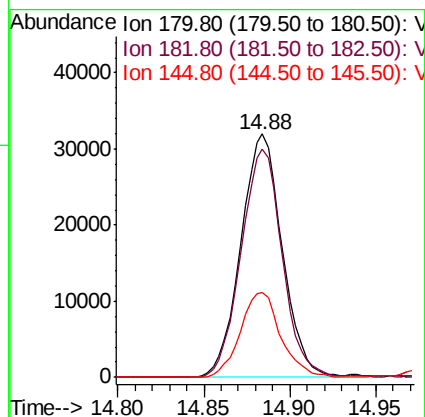
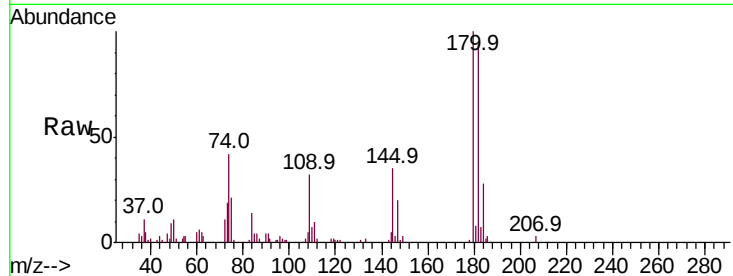




#93
 1,2,4-Trichlorobenzene
 Concen: 17.062 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

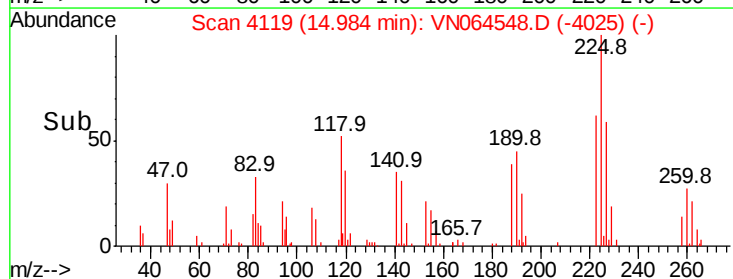
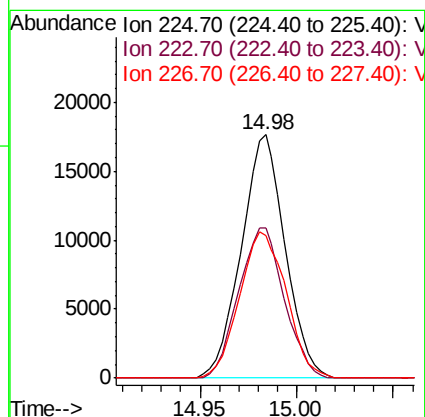
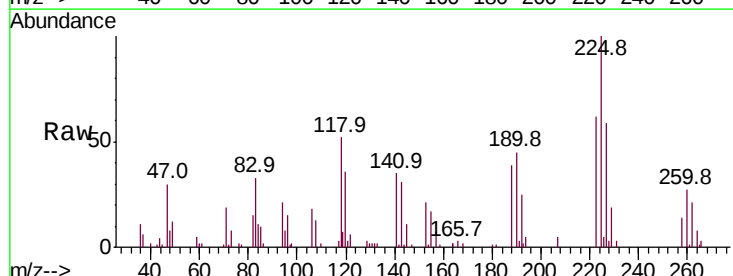
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

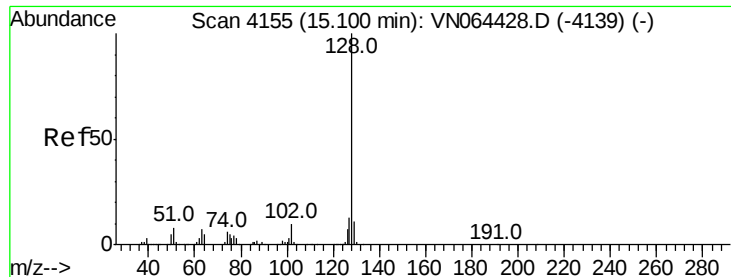
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	142.0
145	34.1	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 19.425 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.8	95.4
227	64.0	31.8	95.4





#95

Naphthalene

Concen: 16.569 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

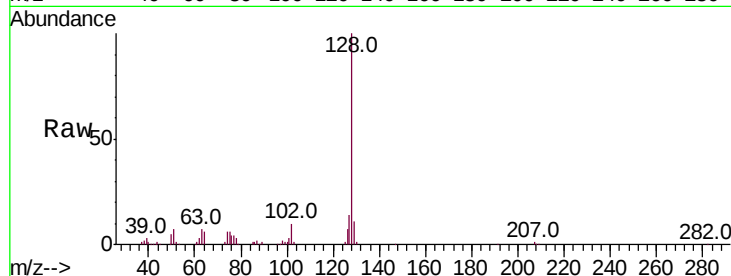
Tot Ion:128 Resp: 167400

Ion Ratio Lower Upper

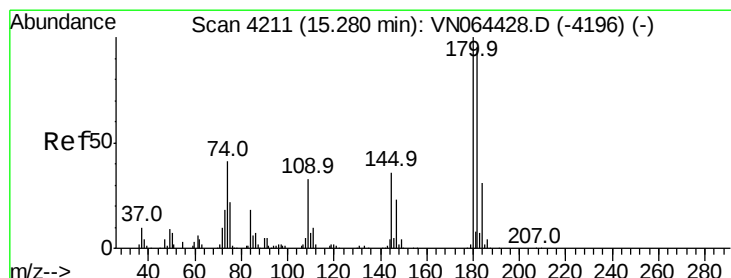
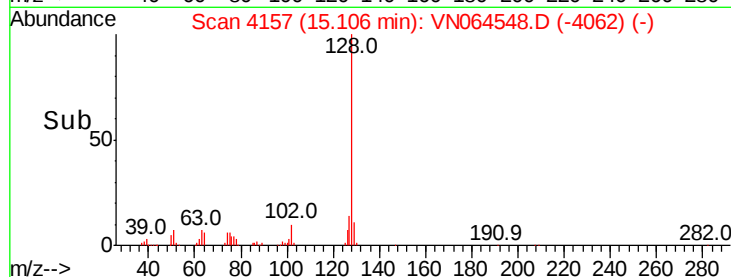
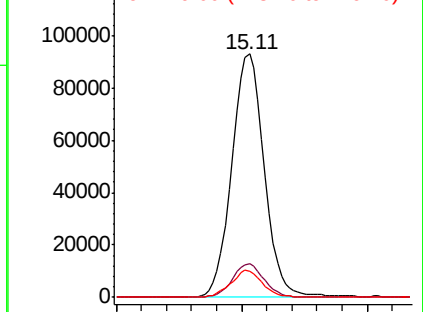
128 100

127 13.8 10.5 15.7

129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.434 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

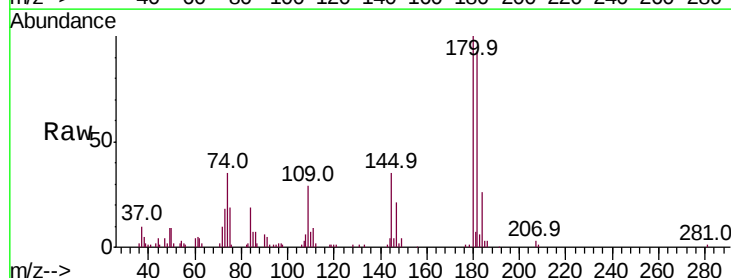
Tgt Ion:180 Resp: 56283

Ion Ratio Lower Upper

180 100

182 94.1 47.7 143.1

145 35.8 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

