

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064547.D
 Acq On : 11 Nov 2020 11:55
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Quant Time: Nov 12 01:30:58 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	7.62	168	310779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	256833	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.55	113	177578	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.06	98	667653	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.38	95	245521	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	70397	17.401	ug/l	99
3) Chloromethane	2.04	50	83554	17.004	ug/l	96
4) Vinyl Chloride	2.17	62	89605	17.757	ug/l	98
5) Bromomethane	2.54	94	61899	19.202	ug/l	92
6) Chloroethane	2.68	64	58430	18.086	ug/l	97
7) Trichlorofluoromethane	2.99	101	141085	18.988	ug/l	97
8) Diethyl Ether	3.37	74	47357	18.048	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65407	18.537	ug/l	99
10) Methyl Iodide	3.91	142	72330	17.642	ug/l	98
11) Tert butyl alcohol	4.75	59	54810	91.813	ug/l #	81
12) 1,1-Dichloroethene	3.69	96	59563	17.921	ug/l	95
13) Acrolein	3.56	56	28764	77.679	ug/l	100
14) Allyl chloride	4.27	41	112665	17.328	ug/l	100
15) Acrylonitrile	4.94	53	150911	90.798	ug/l	97
16) Acetone	3.78	43	174482	84.617	ug/l	99
17) Carbon Disulfide	4.01	76	175738	17.681	ug/l	97
18) Methyl Acetate	4.28	43	80132	19.767	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	205558	17.184	ug/l	100
20) Methylene Chloride	4.50	84	74121	18.117	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	67124	17.787	ug/l	97
22) Diisopropyl ether	5.91	45	239467	17.351	ug/l	98
23) Vinyl Acetate	5.85	43	973500	86.705	ug/l	100
24) 1,1-Dichloroethane	5.80	63	135555	17.873	ug/l	99
25) 2-Butanone	6.79	43	236331	89.952	ug/l	97
26) 2,2-Dichloropropane	6.78	77	122670	17.868	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78170	17.876	ug/l	95
28) Bromochloromethane	7.15	49	59885	16.064	ug/l	99
29) Tetrahydrofuran	7.17	42	143223	88.853	ug/l	99
30) Chloroform	7.33	83	148138	18.582	ug/l	99
31) Cyclohexane	7.61	56	109181	16.592	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	128838	18.221	ug/l	99
36) 1,1-Dichloropropene	7.75	75	101710	17.863	ug/l	99
37) Ethyl Acetate	6.89	43	100080	17.817	ug/l	99
38) Carbon Tetrachloride	7.73	117	117284	19.273	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064547.D
 Acq On : 11 Nov 2020 11:55
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Quant Time: Nov 12 01:30:58 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	87245	17.093	ug/l	93
40) Benzene	8.00	78	298164	17.821	ug/l	99
41) Methacrylonitrile	7.13	41	44018	17.437	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	125293	18.556	ug/l	100
43) Isopropyl Acetate	8.13	43	161248	17.475	ug/l	98
44) Trichloroethene	8.80	130	75176	17.809	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82038	18.376	ug/l	100
46) Dibromomethane	9.17	93	56279	19.150	ug/l	97
47) Bromodichloromethane	9.37	83	117936	18.664	ug/l	99
48) Methyl methacrylate	9.17	41	83401	17.912	ug/l	97
49) 1,4-Dioxane	9.17	88	22451	366.083	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	500086	92.934	ug/l	99
52) Toluene	10.13	92	188978	18.519	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	121992	18.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	129901	18.136	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74753	18.783	ug/l	99
56) Ethyl methacrylate	10.40	69	96314	16.009	ug/l	97
57) 1,3-Dichloropropane	10.68	76	129953	18.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	267218	100.464	ug/l	98
59) 2-Hexanone	10.72	43	357301	84.144	ug/l	99
60) Dibromochloromethane	10.87	129	86666	19.450	ug/l	98
61) 1,2-Dibromoethane	10.98	107	75738	18.762	ug/l	99
64) Tetrachloroethene	10.60	164	71480	18.158	ug/l	98
65) Chlorobenzene	11.41	112	200206	17.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	77374	18.513	ug/l	98
67) Ethyl Benzene	11.49	91	346728	17.399	ug/l	99
68) m/p-Xylenes	11.59	106	254737	35.248	ug/l	98
69) o-Xylene	11.92	106	118494	16.968	ug/l	96
70) Styrene	11.94	104	206129	17.541	ug/l	99
71) Bromoform	12.10	173	52400	17.547	ug/l #	99
73) Isopropylbenzene	12.23	105	318386	17.646	ug/l	99
74) N-amyl acetate	12.04	43	133147	16.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102729	18.537	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	140147	25.481	ug/l #	100
77) Bromobenzene	12.50	156	77027	17.486	ug/l	99
78) n-propylbenzene	12.57	91	370585	18.016	ug/l	100
79) 2-Chlorotoluene	12.65	91	234449	17.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	271809	18.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33662	17.089	ug/l	96
82) 4-Chlorotoluene	12.75	91	244816	17.918	ug/l	100
83) tert-Butylbenzene	12.97	119	207487	17.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	268359	17.935	ug/l	100
85) sec-Butylbenzene	13.15	105	272356	18.499	ug/l	100
86) p-Isopropyltoluene	13.26	119	245469	18.536	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	136889	17.977	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	139872	17.775	ug/l	99
89) n-Butylbenzene	13.59	91	201075	17.660	ug/l	99
90) Hexachloroethane	13.85	117	49395	19.336	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	137107	18.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22627	20.507	ug/l	91

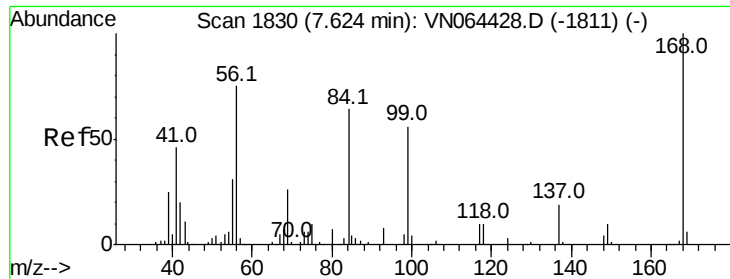
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064547.D
Acq On : 11 Nov 2020 11:55
Operator : JC/MD
Sample : VN1111WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Quant Time: Nov 12 01:30:58 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	55089	16.982	ug/l	99
94) Hexachlorobutadiene	14.98	225	29331	19.668	ug/l	98
95) Naphthalene	15.10	128	163696	15.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	56165	17.829	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

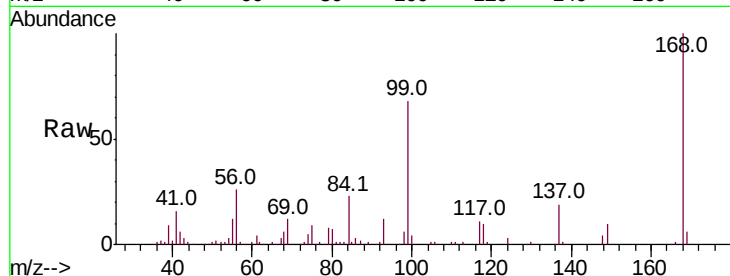
VN1111WBS01

Tot Ion:168 Resp: 310779

Ion Ratio Lower Upper

168 100

99 67.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

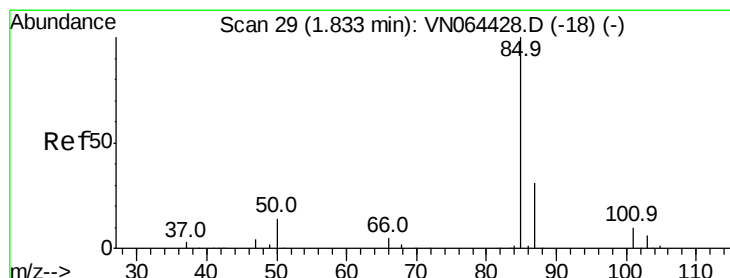
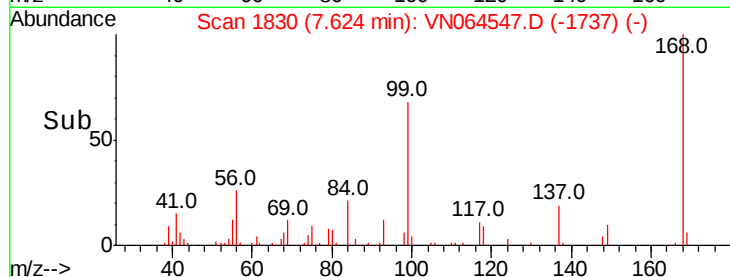
100000

50000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.401 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064547.D

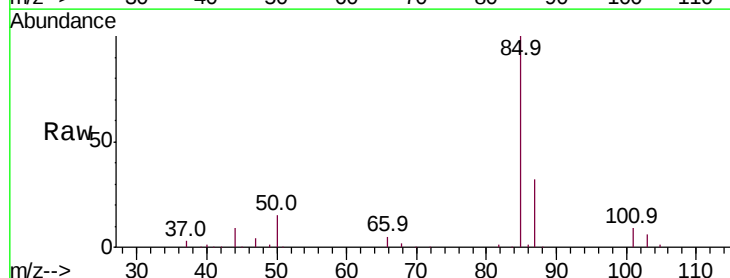
Acq: 11 Nov 2020 11:55

Tgt Ion: 85 Resp: 70397

Ion Ratio Lower Upper

85 100

87 31.9 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

30000

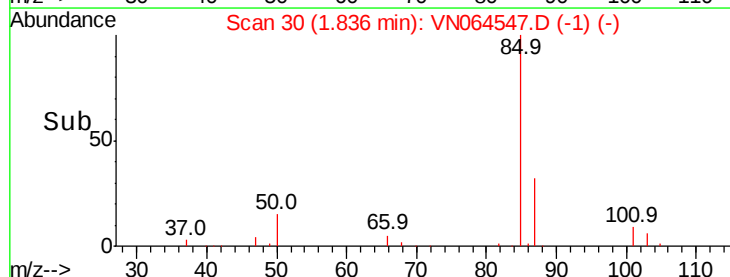
20000

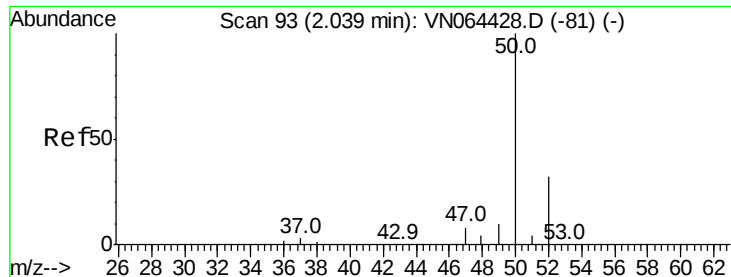
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.004 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

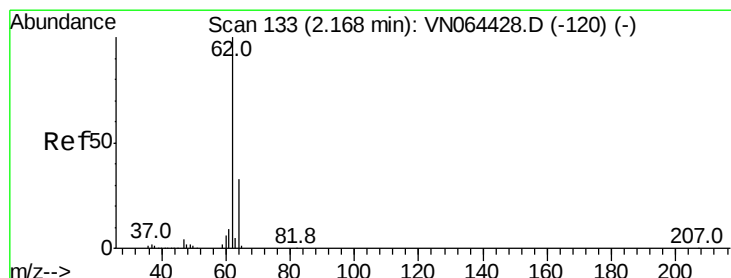
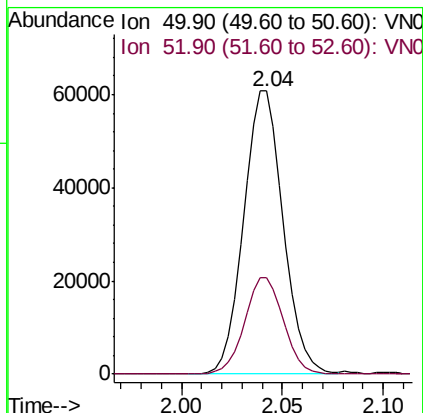
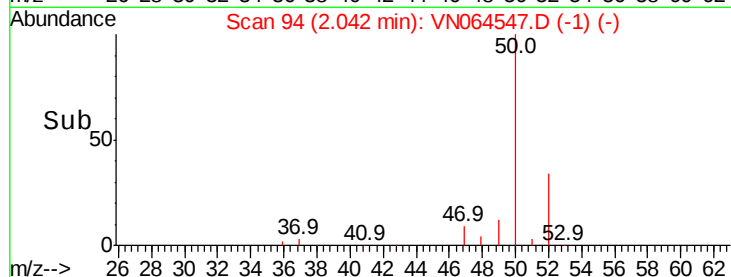
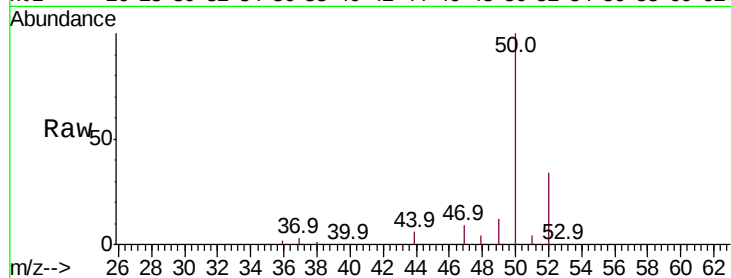
VN1111WBS01

Tot Ion: 50 Resp: 83554

Ion Ratio Lower Upper

50 100

52 34.0 25.3 37.9



#4

Vinyl Chloride

Concen: 17.757 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064547.D

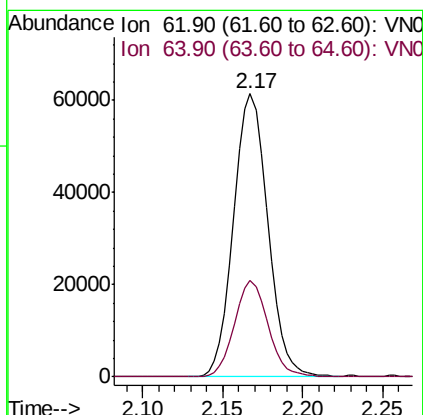
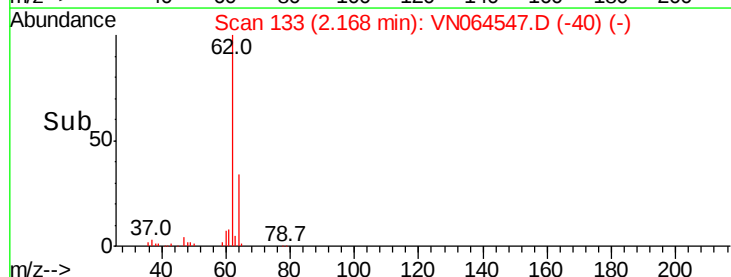
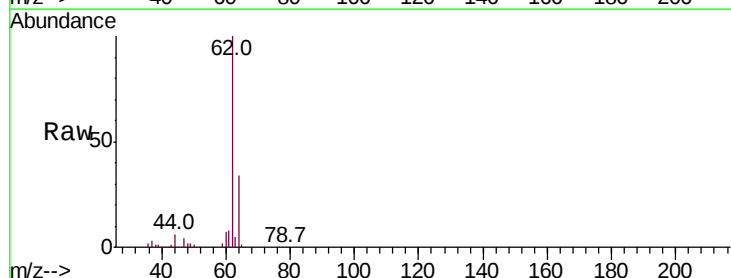
Acq: 11 Nov 2020 11:55

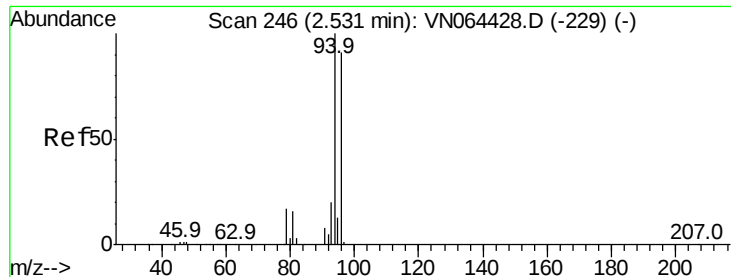
Tgt Ion: 62 Resp: 89605

Ion Ratio Lower Upper

62 100

64 33.9 26.3 39.5





#5

Bromomethane

Concen: 19.202 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

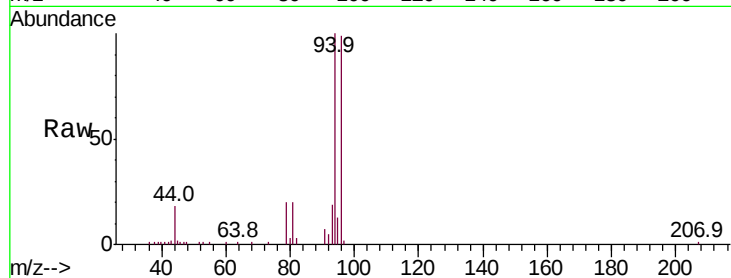
VN1111WBS01

Tot Ion: 94 Resp: 61899

Ion Ratio Lower Upper

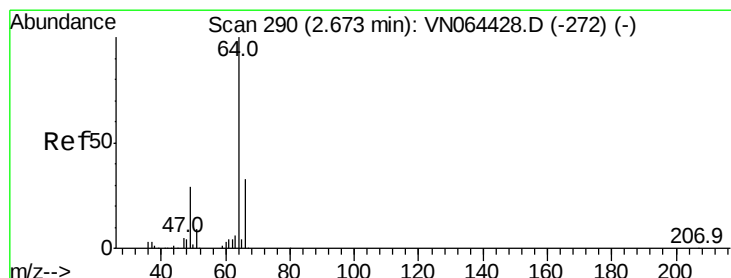
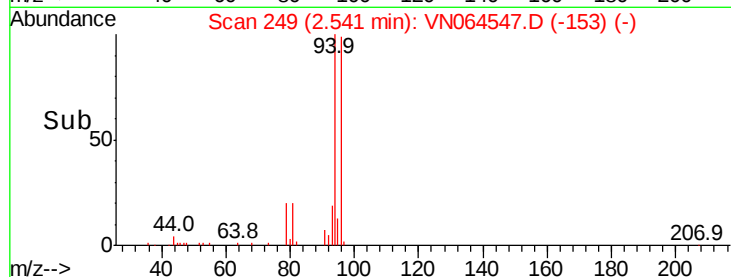
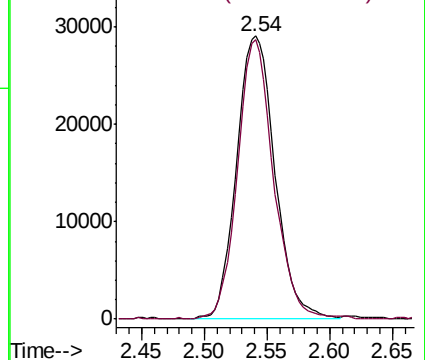
94 100

96 98.8 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 18.086 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064547.D

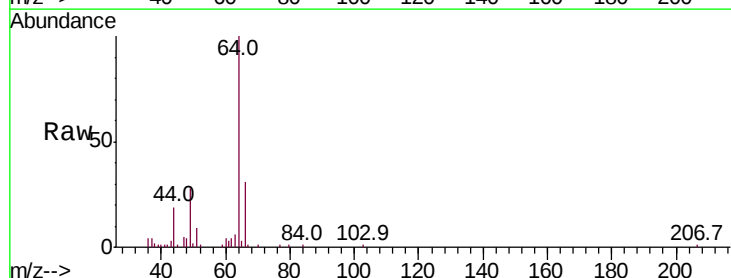
Acq: 11 Nov 2020 11:55

Tgt Ion: 64 Resp: 58430

Ion Ratio Lower Upper

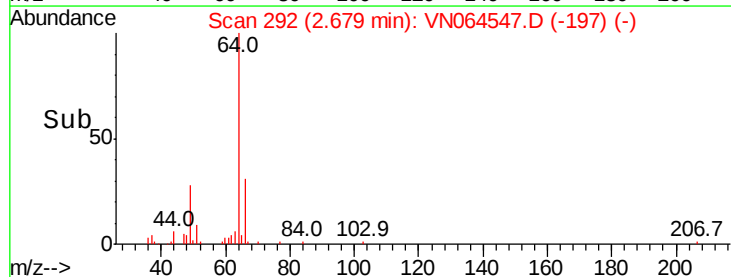
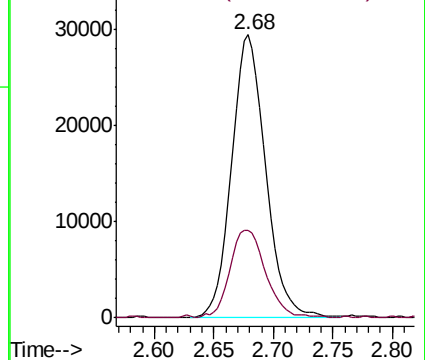
64 100

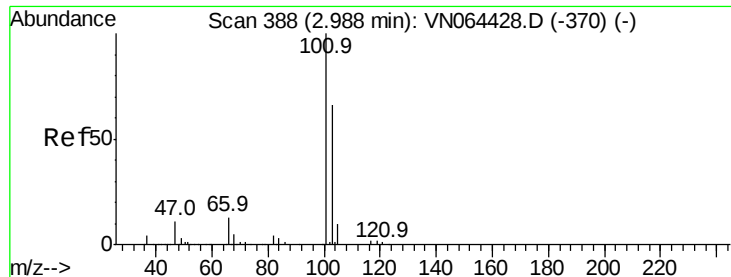
66 31.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



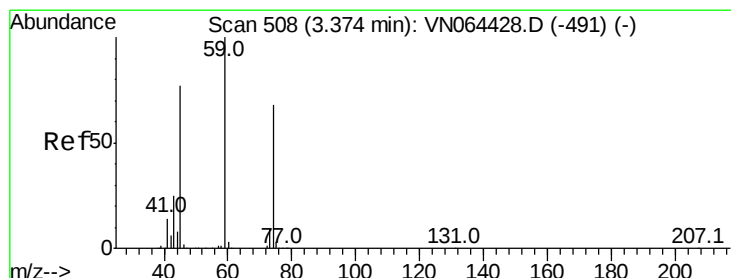
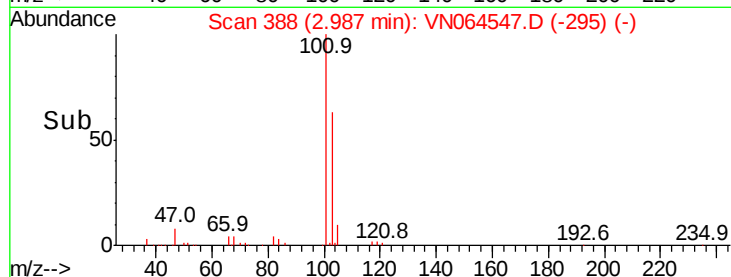
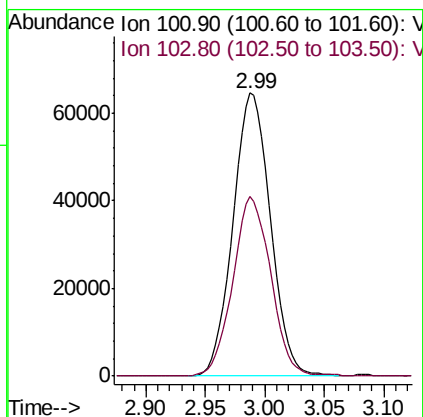
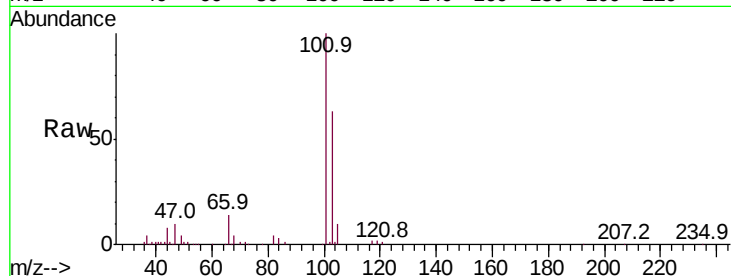


#7

Trichlorofluoromethane
 Concen: 18.988 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

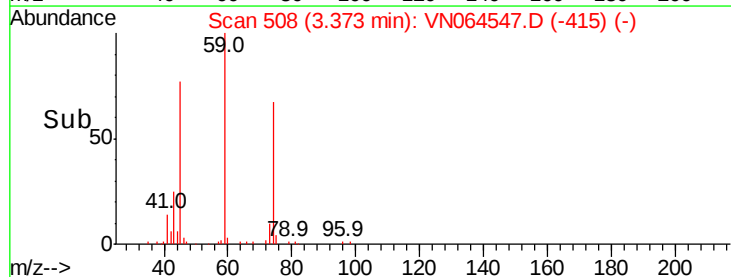
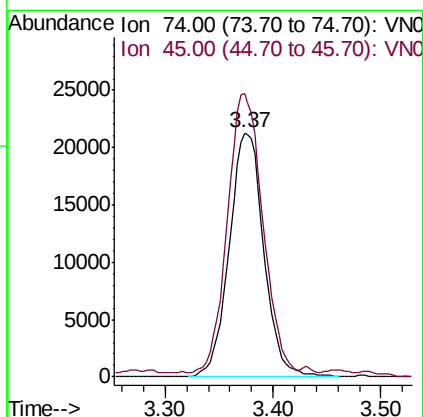
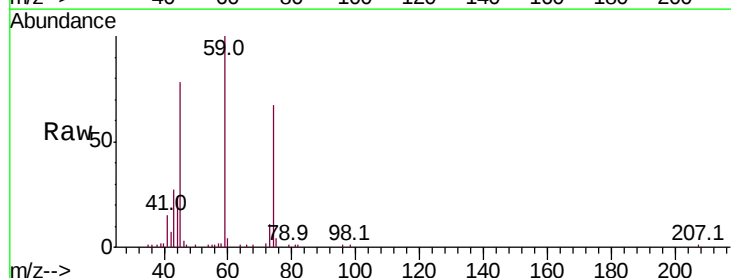
Tot Ion:101 Resp: 141085
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

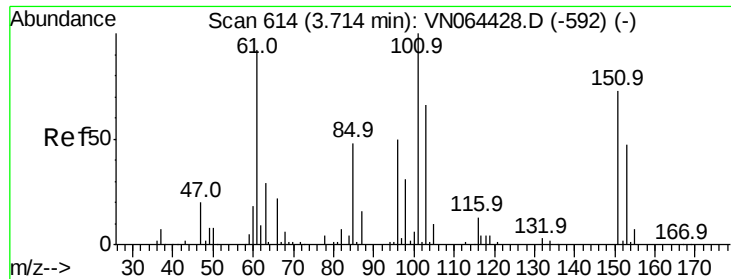


#8

Diethyl Ether
 Concen: 18.048 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion: 74 Resp: 47357
 Ion Ratio Lower Upper
 74 100
 45 117.0 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.537 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

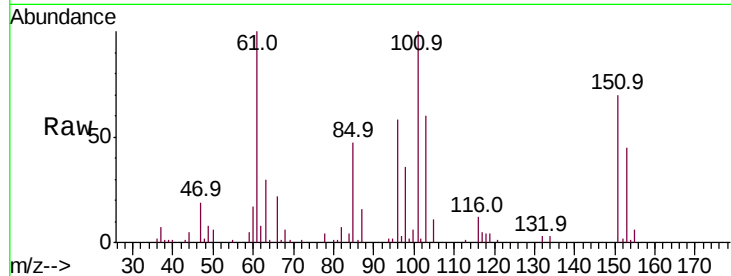
Tot Ion:101 Resp: 65407

Ion Ratio Lower Upper

101 100

85 48.9 38.6 57.8

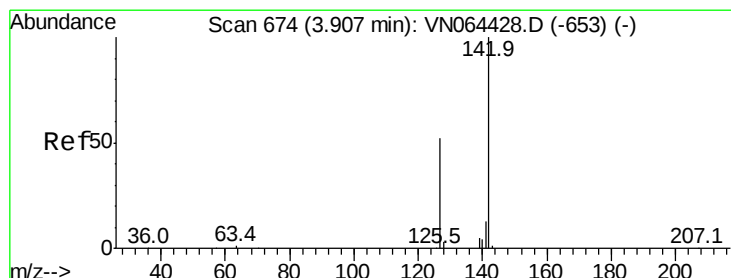
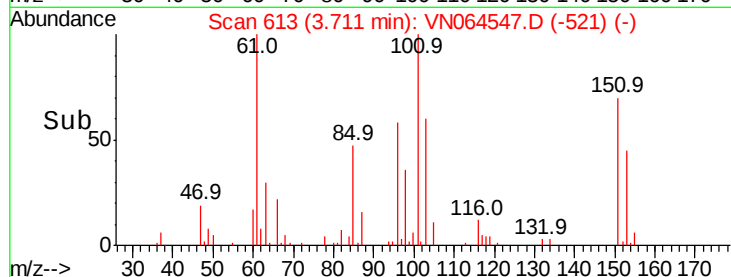
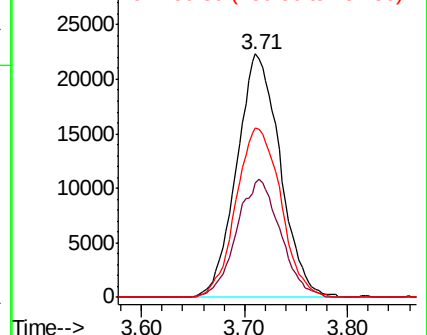
151 71.6 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.642 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

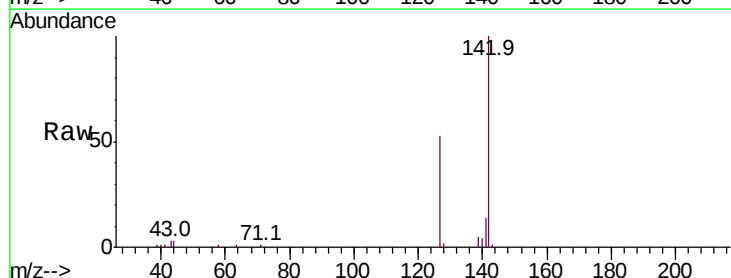
Tgt Ion:142 Resp: 72330

Ion Ratio Lower Upper

142 100

127 54.3 41.8 62.8

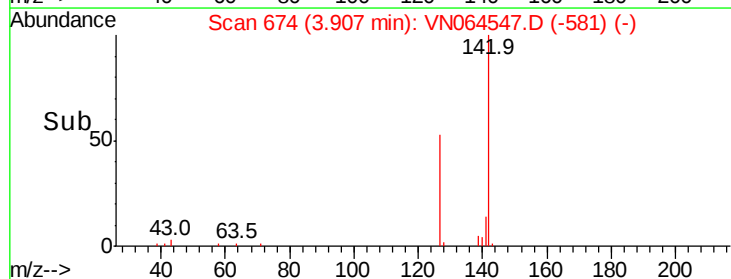
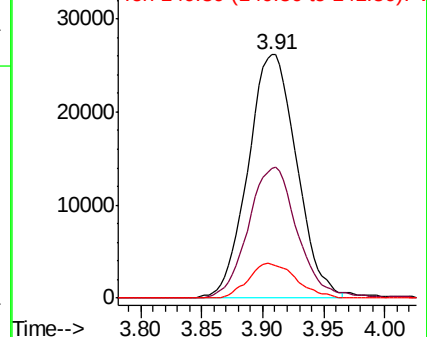
141 14.1 11.4 17.2

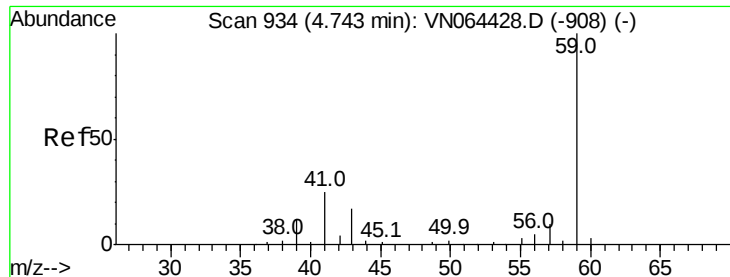


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

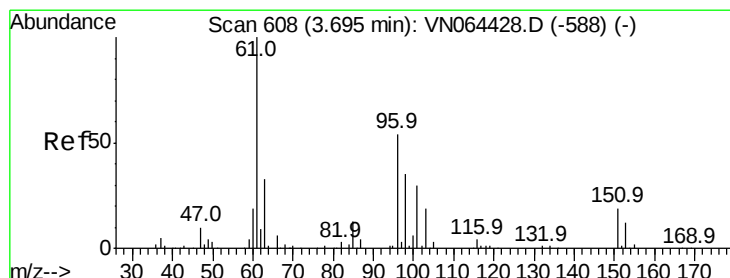
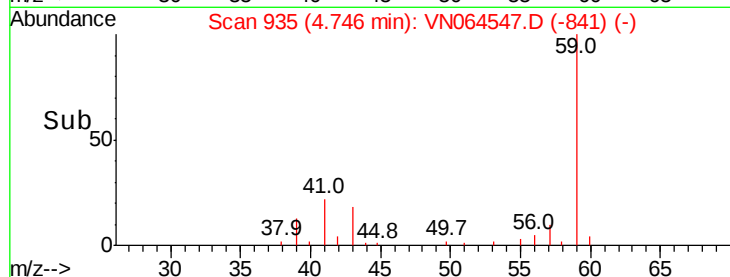
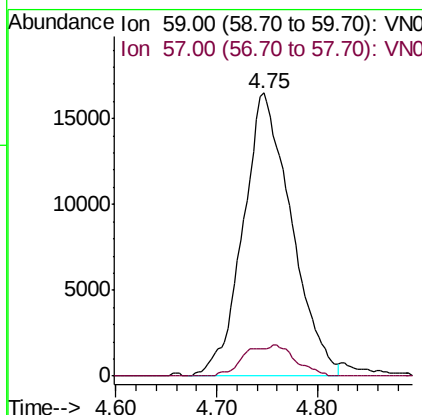
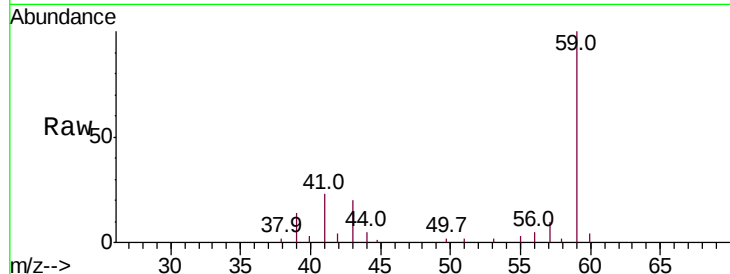




#11
Tert butyl alcohol
Concen: 91.813 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

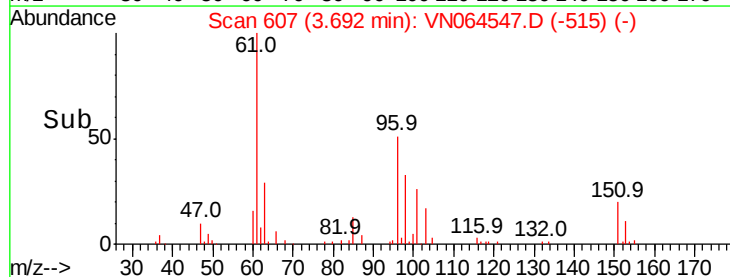
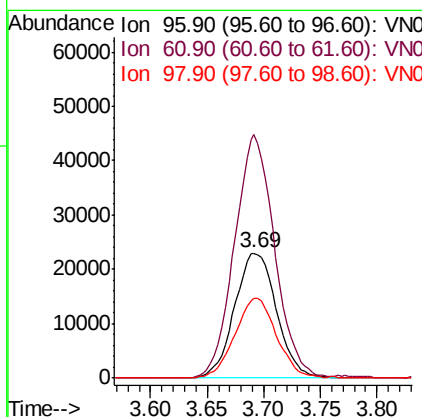
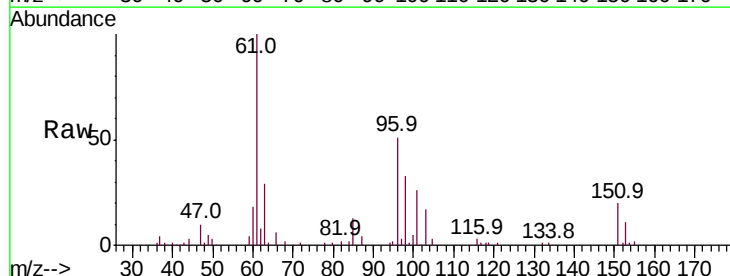
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

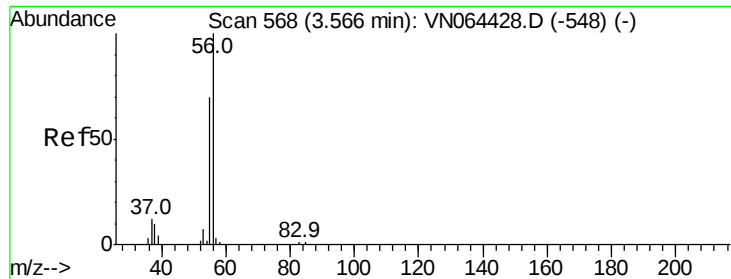
Tot Ion: 59 Resp: 54810
Ion Ratio Lower Upper
59 100
57 3.8 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.921 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 96 Resp: 59563
Ion Ratio Lower Upper
96 100
61 194.8 149.5 224.3
98 64.0 52.4 78.6





#13

Acrolein

Concen: 77.679 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

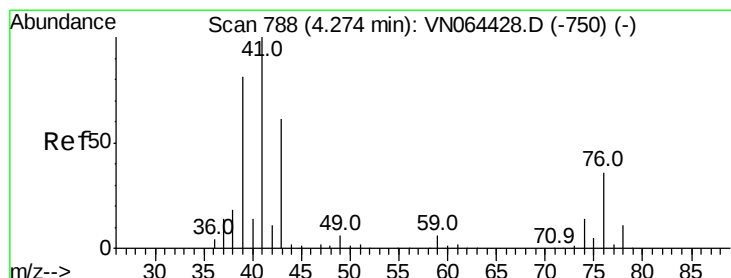
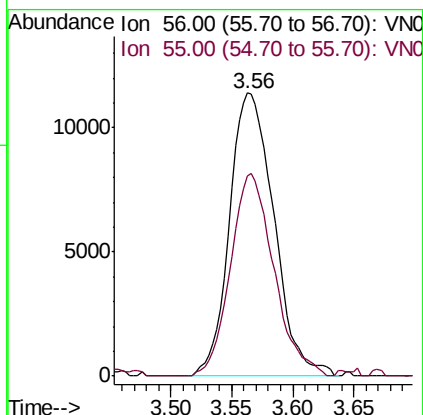
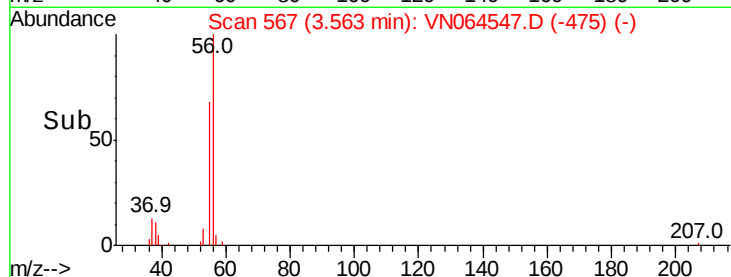
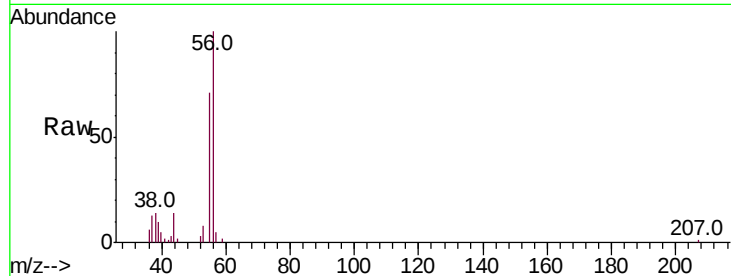
VN1111WBS01

Tot Ion: 56 Resp: 28764

Ion Ratio Lower Upper

56 100

55 69.9 55.9 83.9



#14

Allyl chloride

Concen: 17.328 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

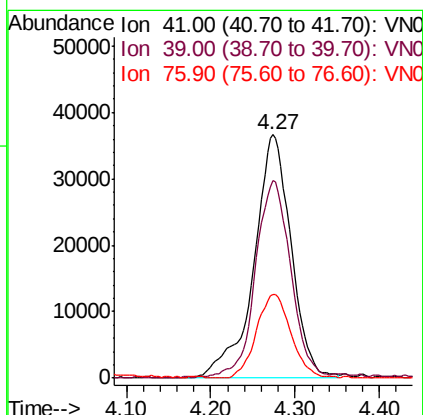
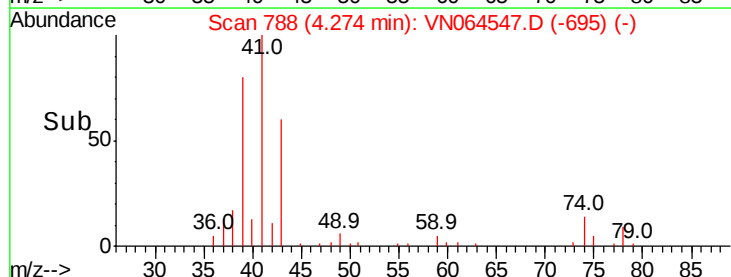
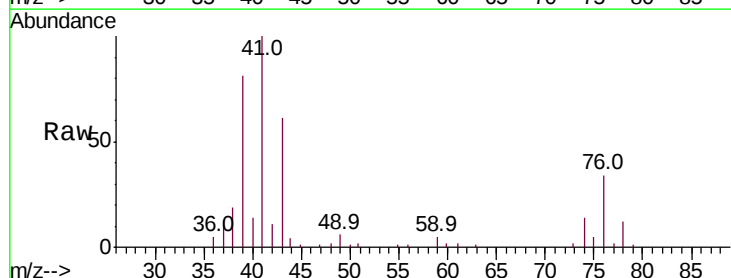
Tgt Ion: 41 Resp: 112665

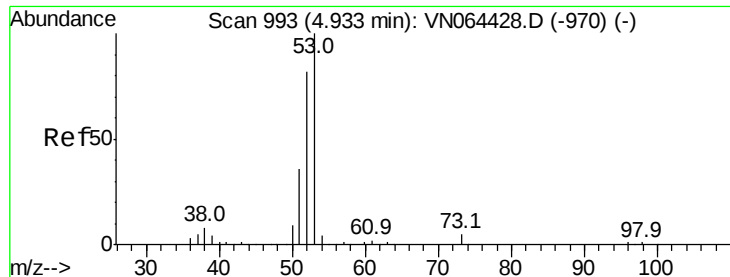
Ion Ratio Lower Upper

41 100

39 77.0 61.8 92.8

76 31.7 25.4 38.0





#15

Acrylonitrile

Concen: 90.798 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

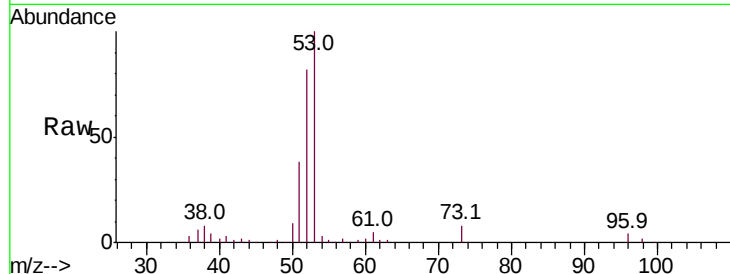
Tot Ion: 53 Resp: 150911

Ion Ratio Lower Upper

53 100

52 84.6 65.6 98.4

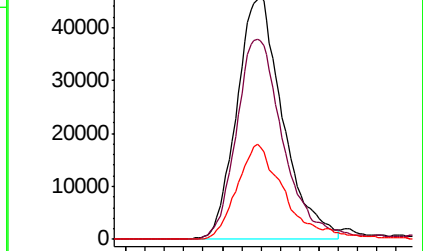
51 38.5 29.9 44.9



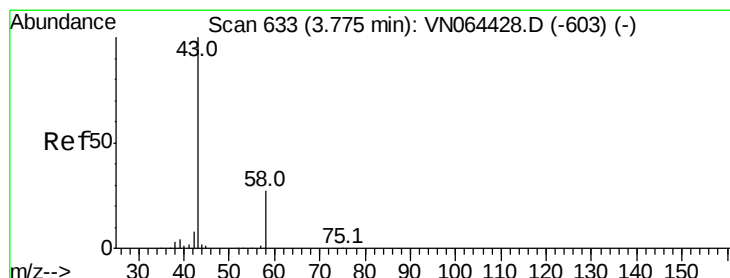
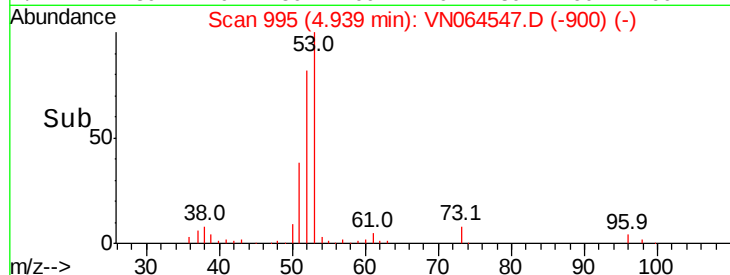
Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

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

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



Time-->



#16

Acetone

Concen: 84.617 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064547.D

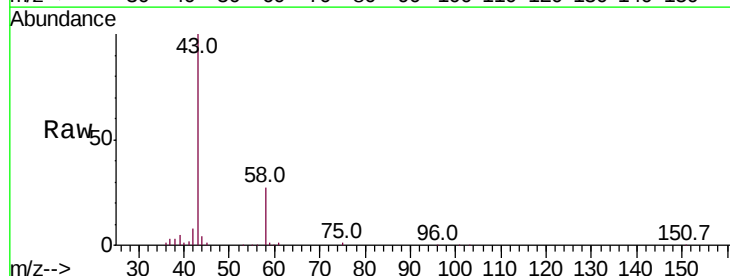
Acq: 11 Nov 2020 11:55

Tgt Ion: 43 Resp: 174482

Ion Ratio Lower Upper

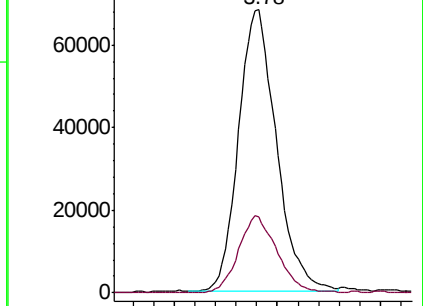
43 100

58 27.0 21.4 32.0

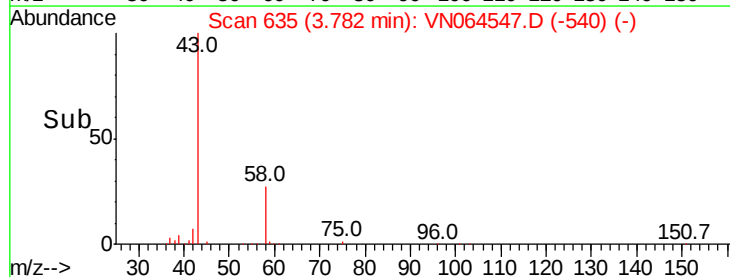


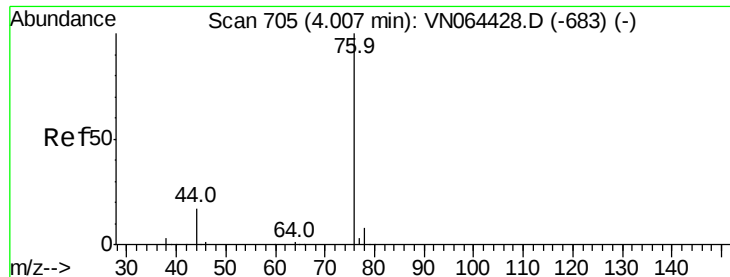
Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

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



Time-->

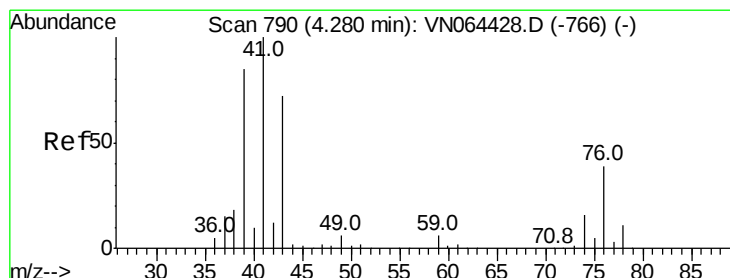
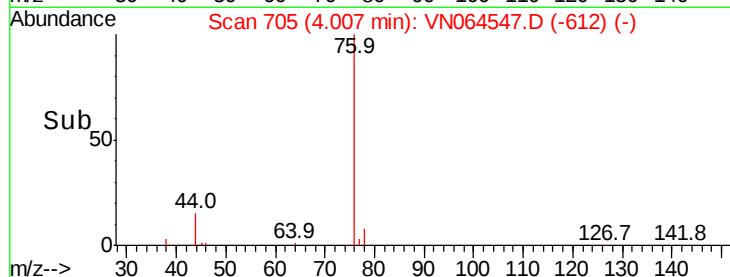
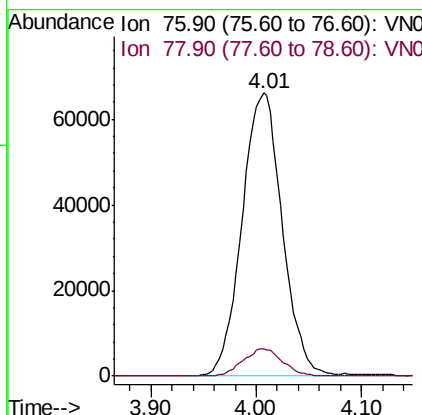
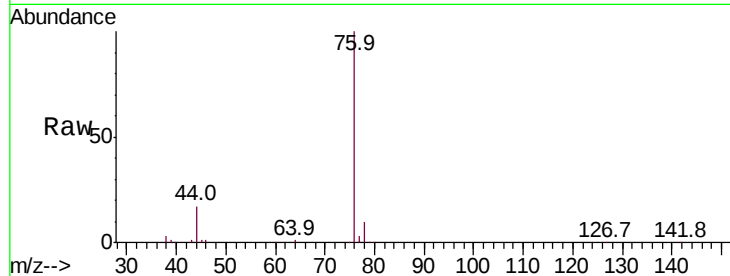




#17
Carbon Disulfide
Concen: 17.681 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

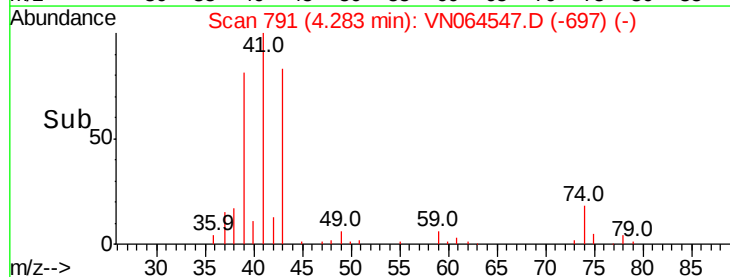
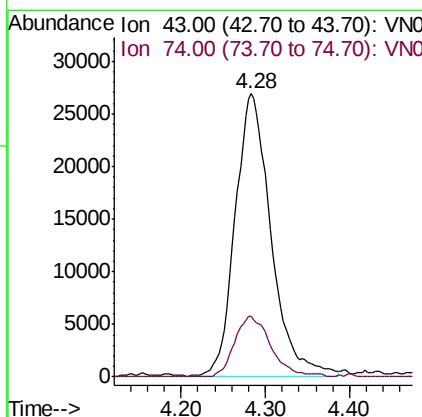
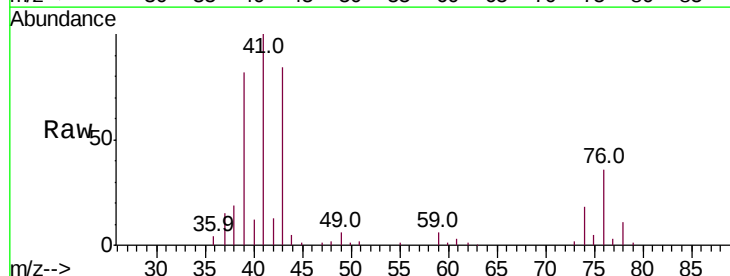
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

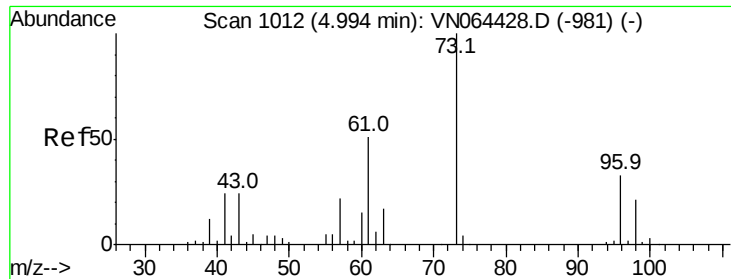
Tot Ion: 76 Resp: 175738
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 19.767 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 43 Resp: 80132
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

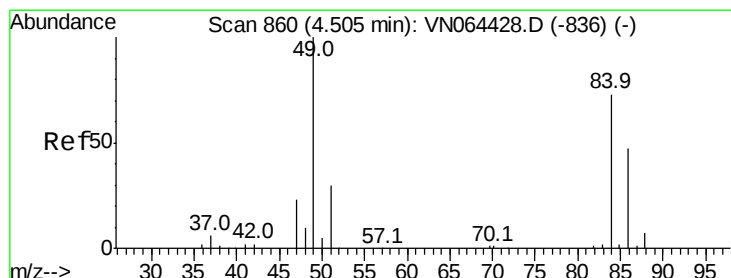
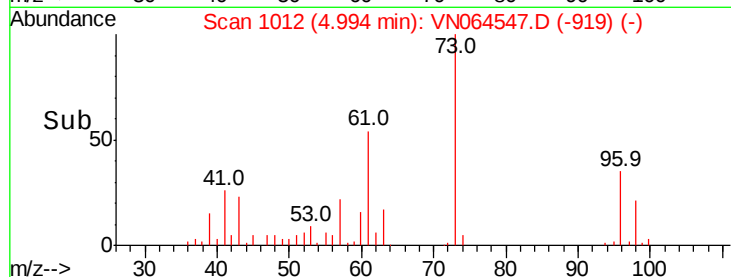
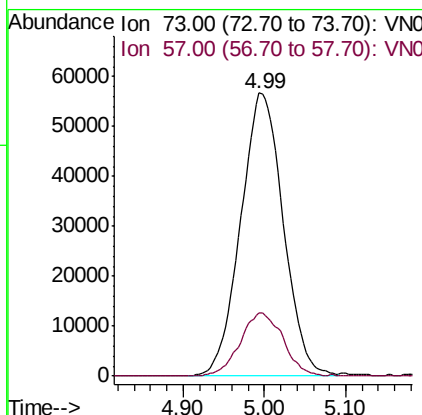
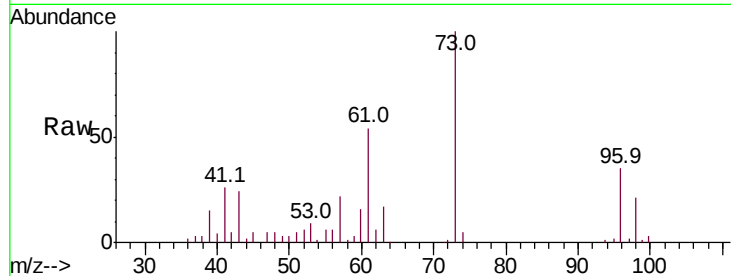




#19
Methvl tert-butvl Ether
Concen: 17.184 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

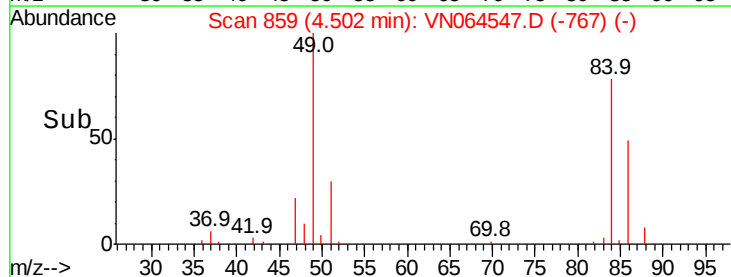
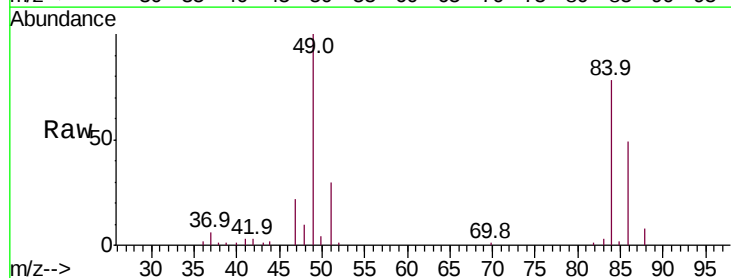
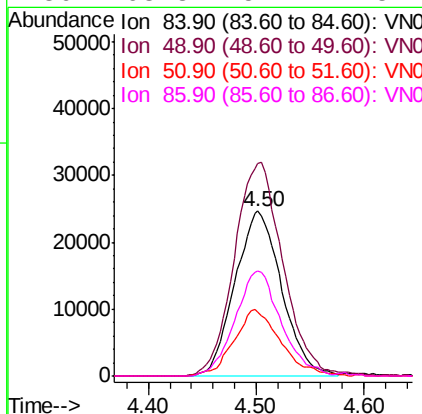
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

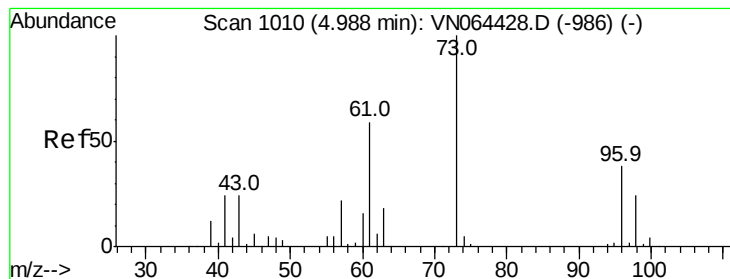
Tot Ion: 73 Resp: 205558
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 18.117 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 84 Resp: 74121
Ion Ratio Lower Upper
84 100
49 127.9 110.1 165.1
51 38.4 33.6 50.4
86 63.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.787 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :
MSVOA_N
ClientSampled :
VN1111WBS01

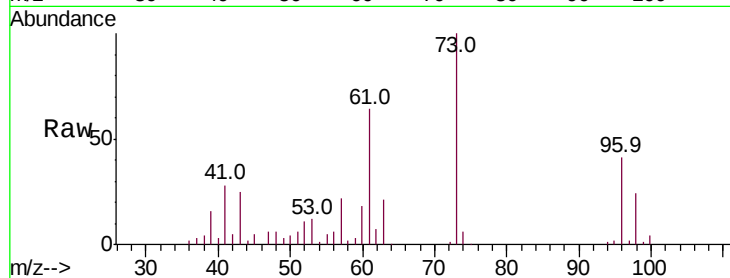
Tot Ion: 96 Resp: 67124

Ion Ratio Lower Upper

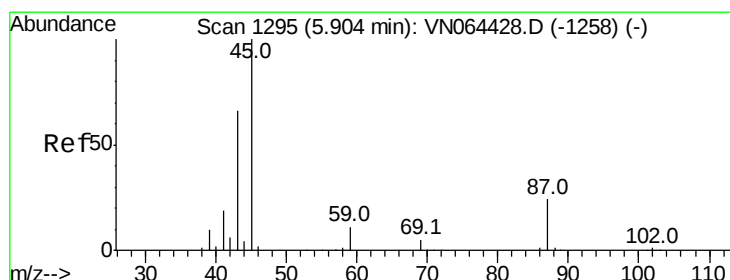
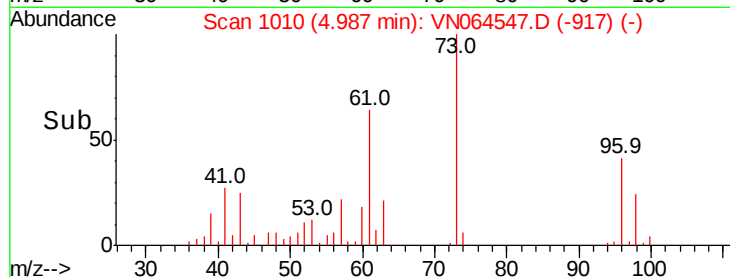
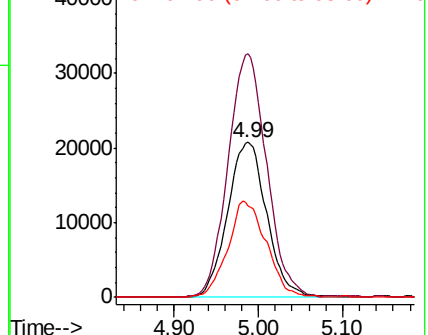
96 100

61 156.0 122.4 183.6

98 58.8 50.4 75.6



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



#22

Diisopropyl ether

Concen: 17.351 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Tgt Ion: 45 Resp: 239467

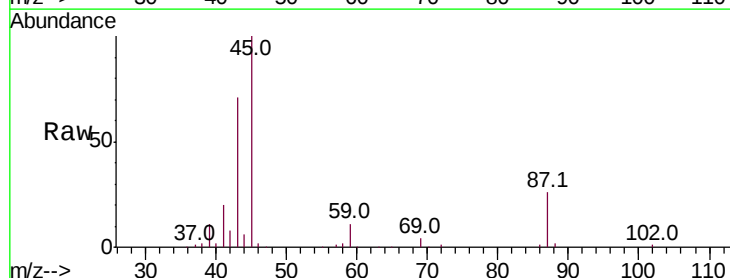
Ion Ratio Lower Upper

45 100

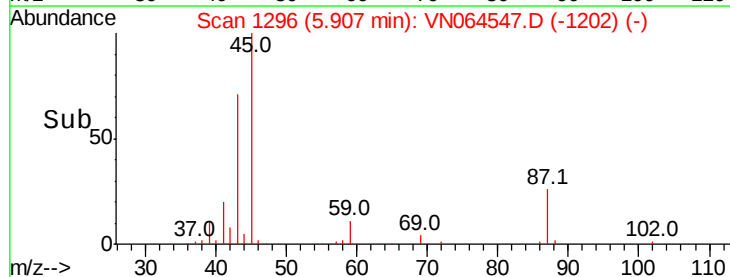
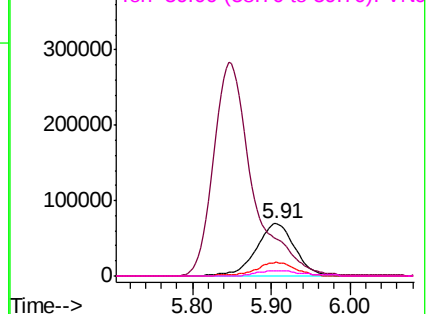
43 67.9 53.2 79.8

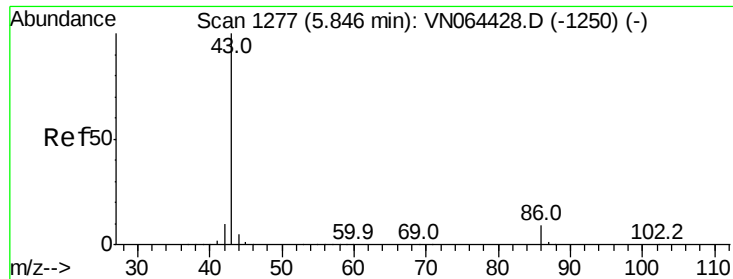
87 25.5 19.9 29.9

59 10.2 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 86.705 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

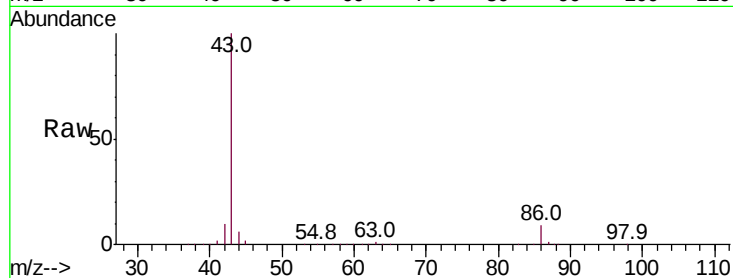
VN1111WBS01

Tot Ion: 43 Resp: 973500

Ion Ratio Lower Upper

43 100

86 8.7 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

300000

250000

200000

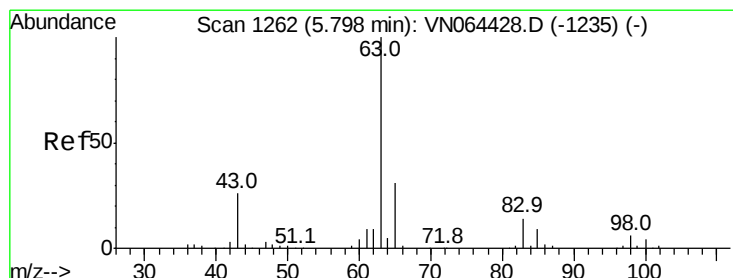
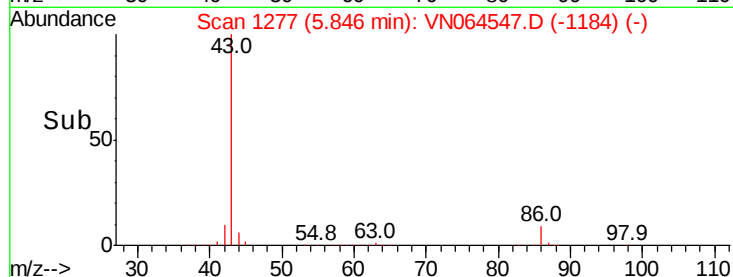
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.873 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

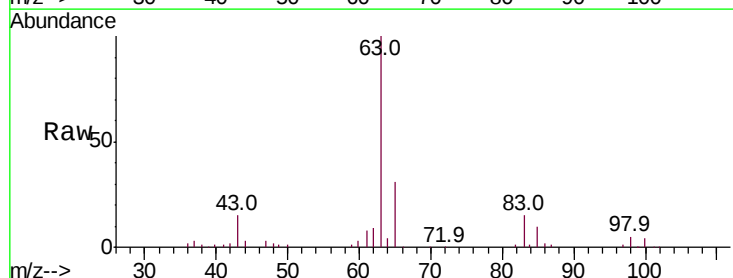
Tgt Ion: 63 Resp: 135555

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 3.6 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

50000

40000

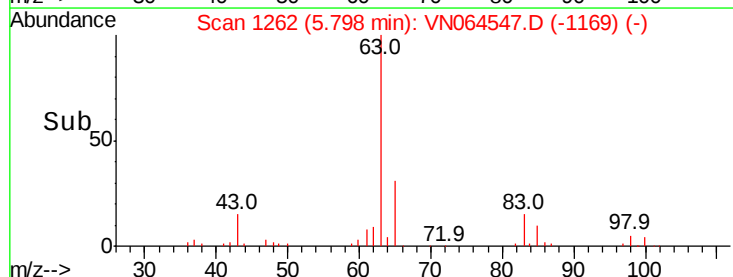
30000

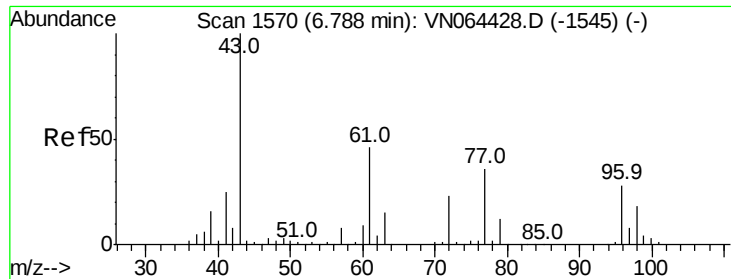
20000

10000

0

Time-->

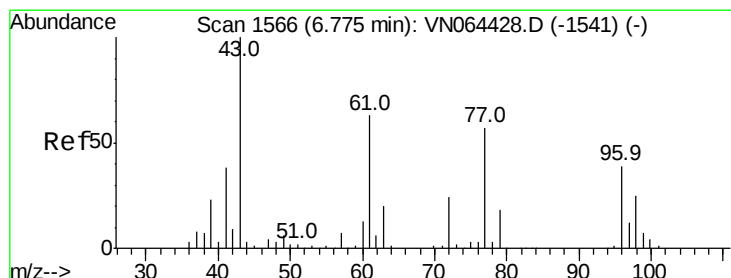
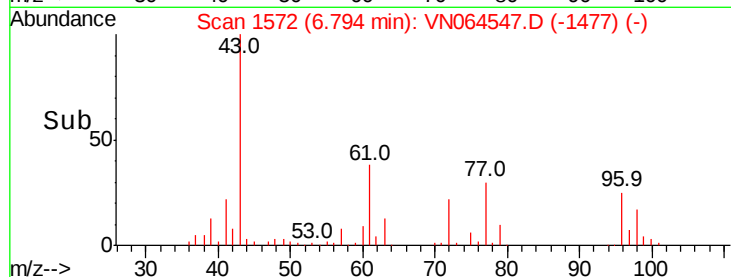
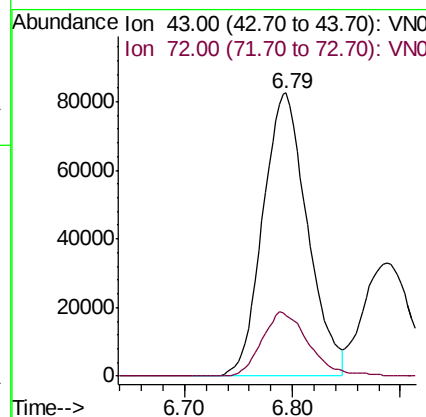
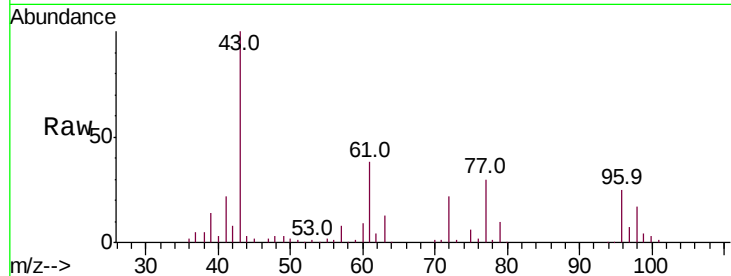




#25
2-Butanone
Concen: 89.952 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

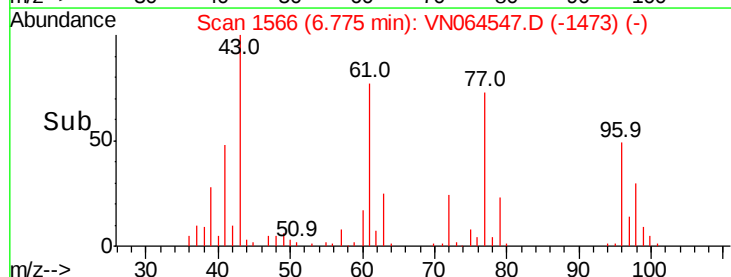
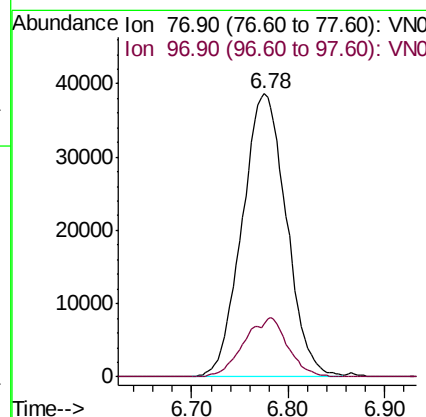
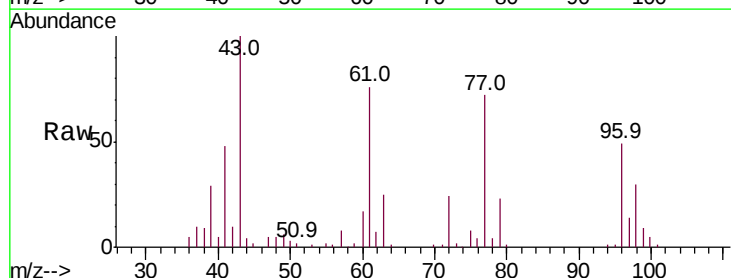
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

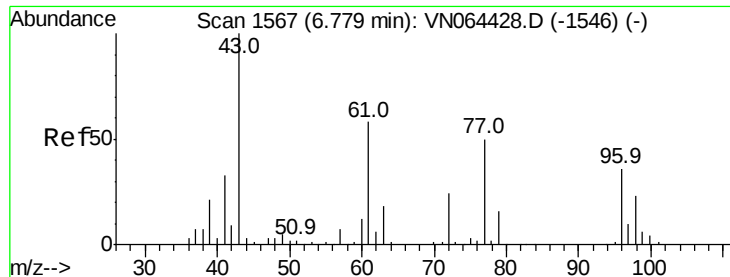
Tot Ion: 43 Resp: 236331
Ion Ratio Lower Upper
43 100
72 21.6 18.5 27.7



#26
2,2-Dichloropropane
Concen: 17.868 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 77 Resp: 122670
Ion Ratio Lower Upper
77 100
97 20.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.876 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

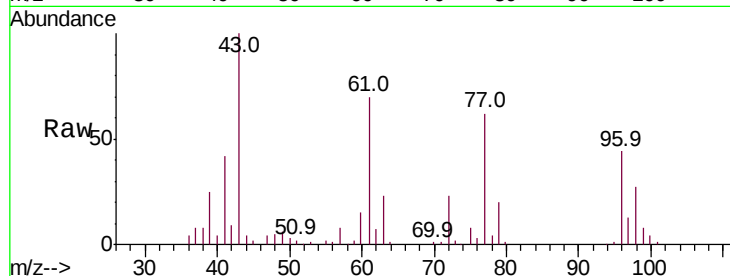
Tot Ion: 96 Resp: 78170

Ion Ratio Lower Upper

96 100

61 157.6 0.0 329.6

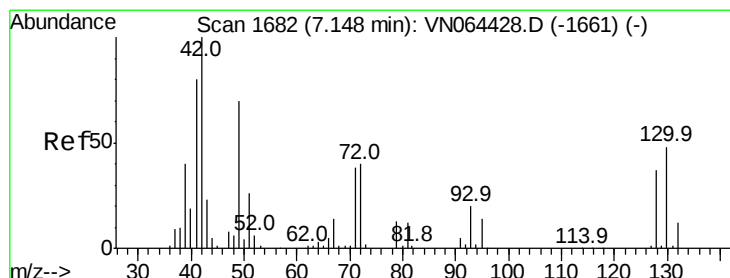
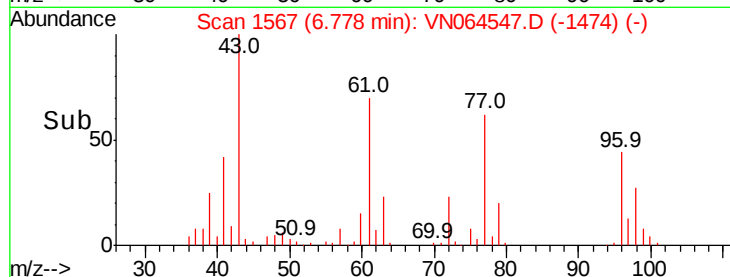
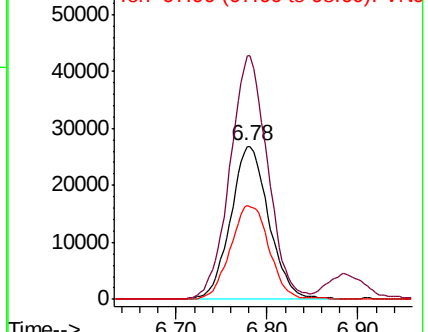
98 61.7 0.0 131.2



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: 16.064 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

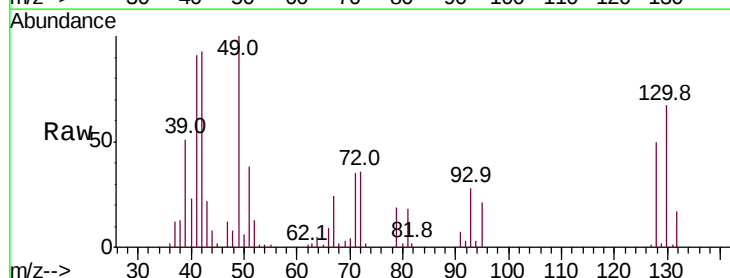
Tgt Ion: 49 Resp: 59885

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.6

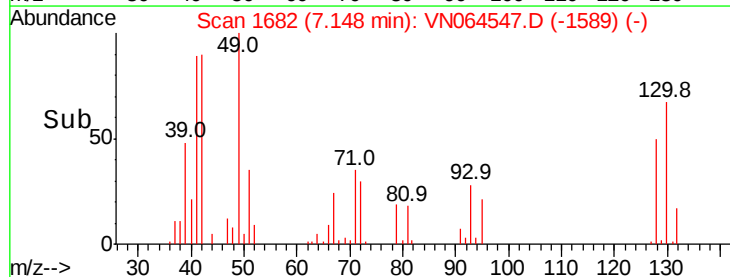
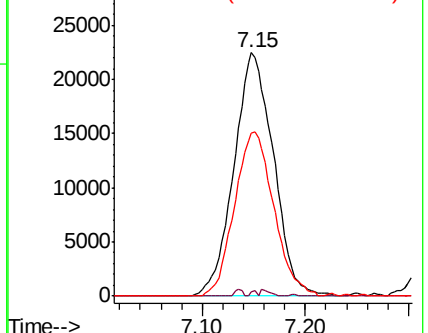
130 66.9 54.2 81.4

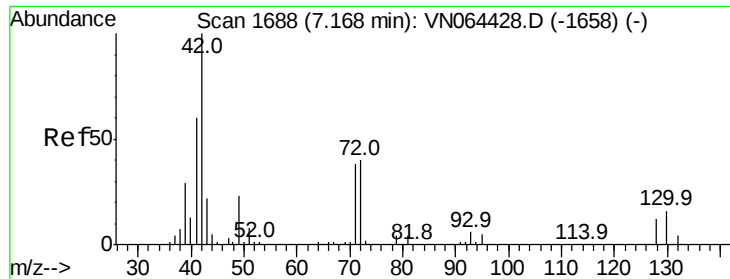


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.853 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

VN1111WBS01

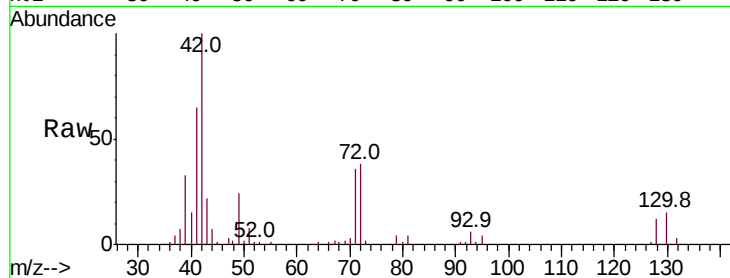
Tot Ion: 42 Resp: 143223

Ion Ratio Lower Upper

42 100

72 38.5 31.7 47.5

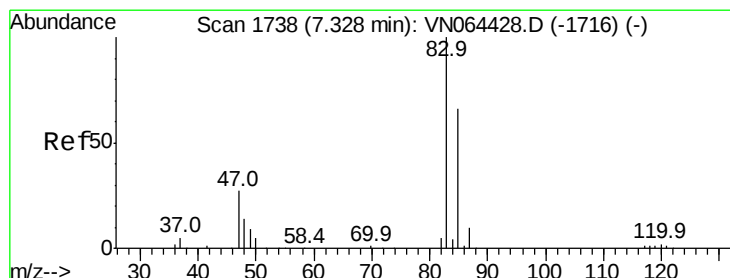
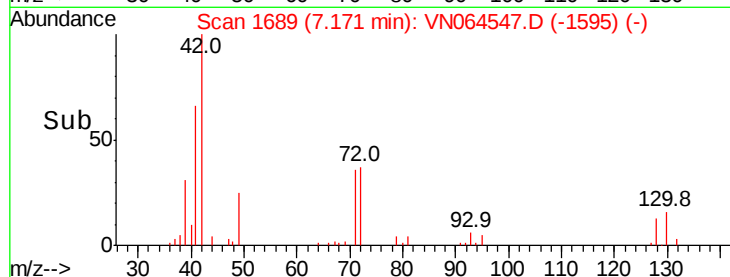
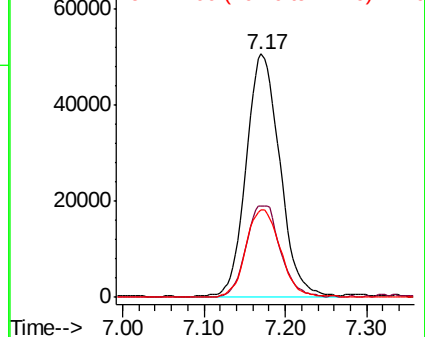
71 37.0 29.8 44.6



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: 18.582 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064547.D

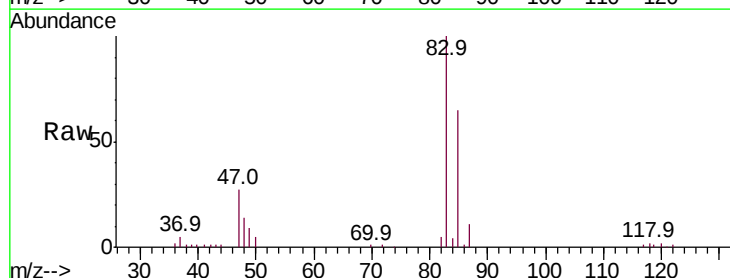
Acq: 11 Nov 2020 11:55

Tgt Ion: 83 Resp: 148138

Ion Ratio Lower Upper

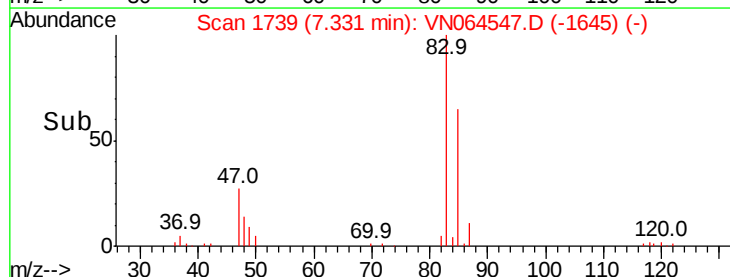
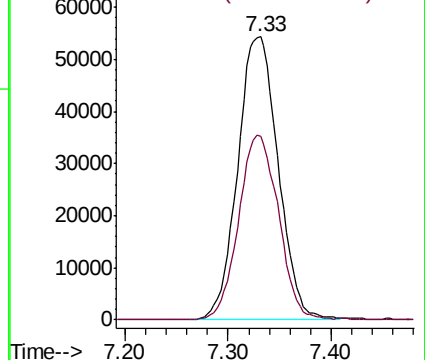
83 100

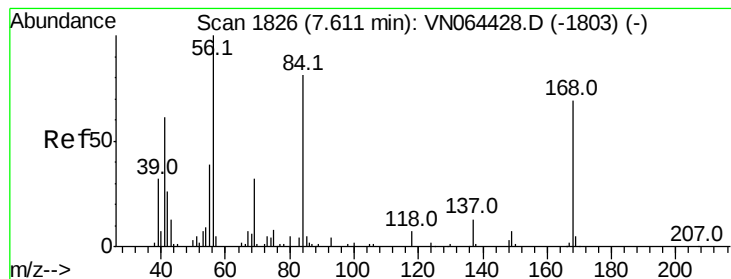
85 65.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.592 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

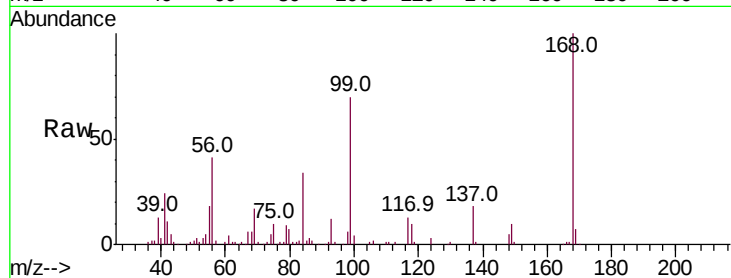
Tot Ion: 56 Resp: 109181

Ion Ratio Lower Upper

56 100

69 41.3 25.6 38.4#

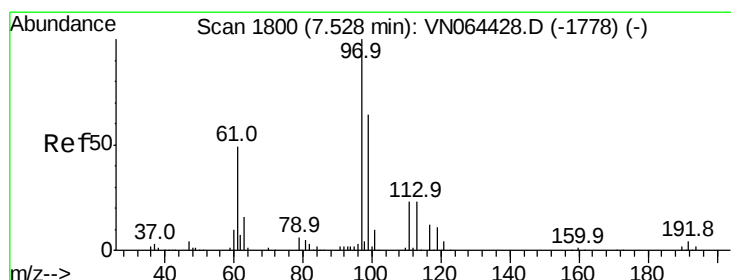
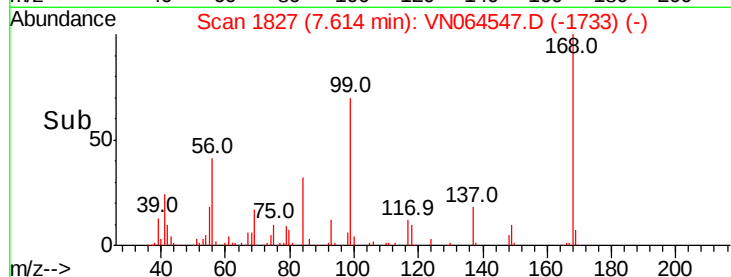
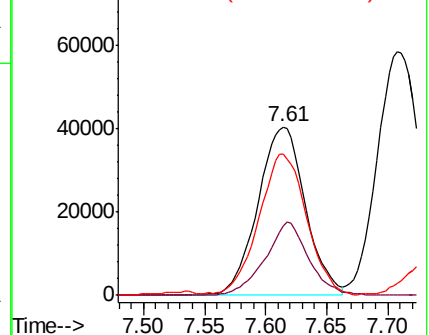
84 81.9 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064547.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064547.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064547.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.221 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

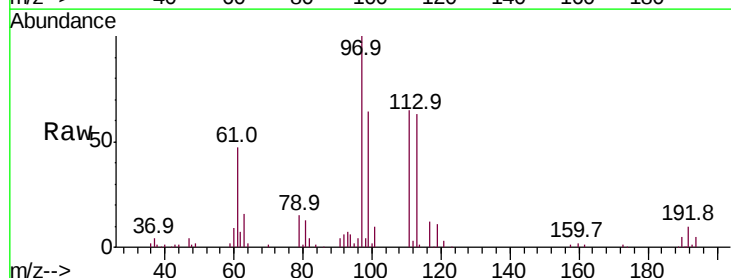
Tgt Ion: 97 Resp: 128838

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

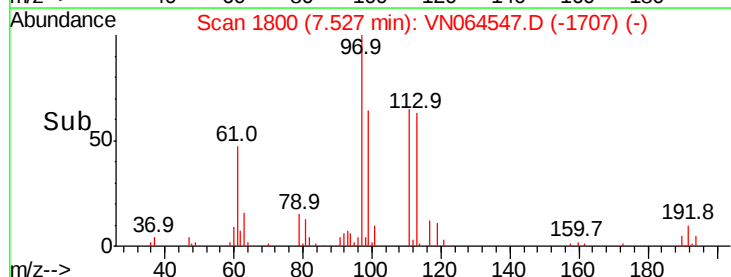
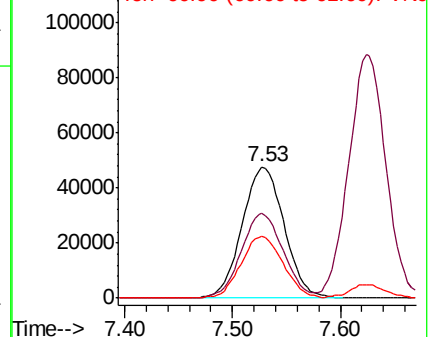
61 47.2 39.1 58.7

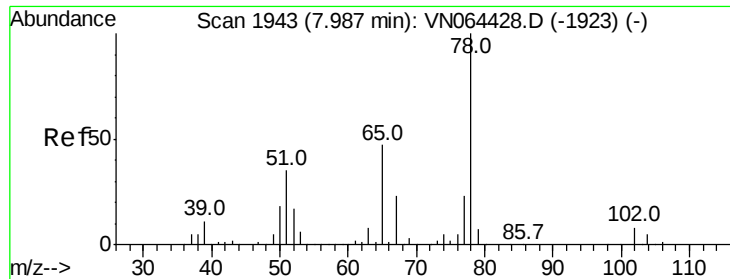


Abundance Ion 96.90 (96.60 to 97.60): VN064547.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064547.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064547.D (-1707) (-)

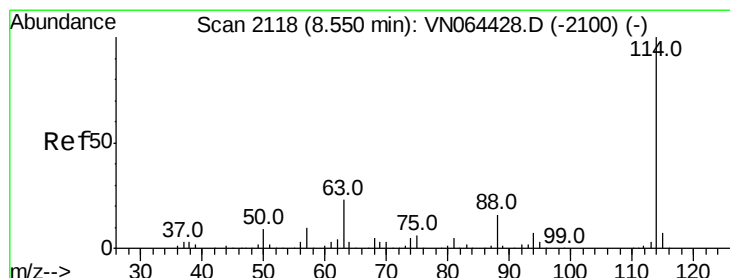
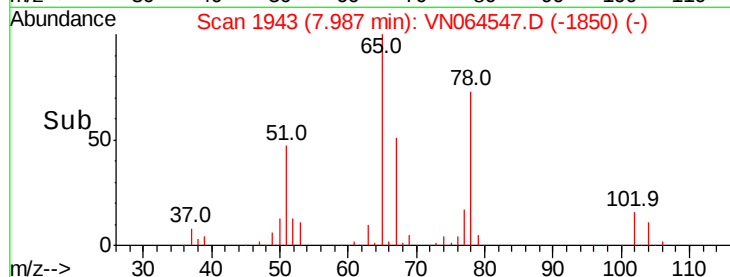
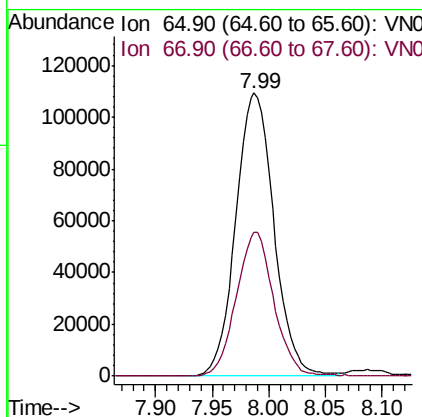
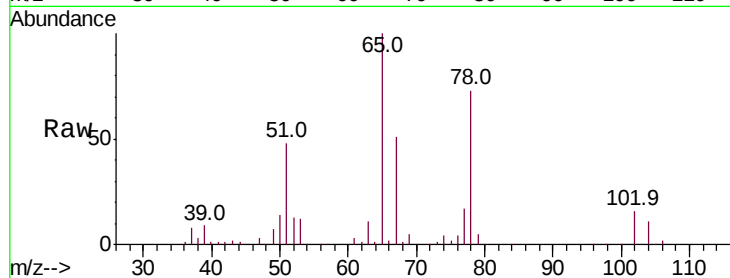




#33
 1,2-Dichloroethane-d4
 Concen: 47.445 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

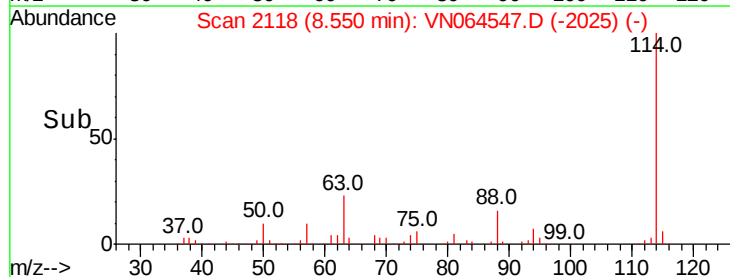
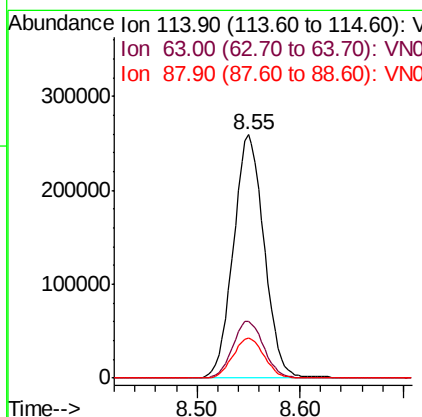
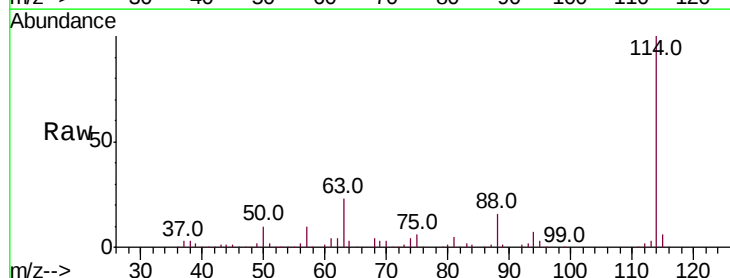
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

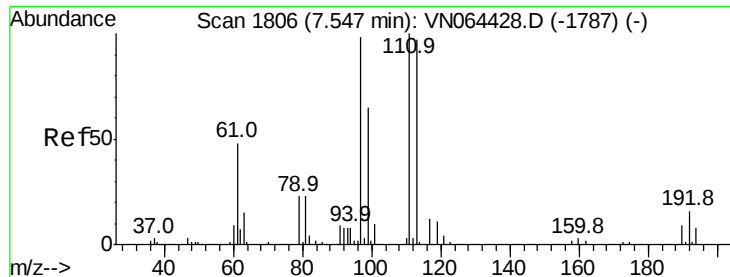
Tot Ion: 65 Resp: 256833
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion: 114 Resp: 538967
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.4 0.0 32.8

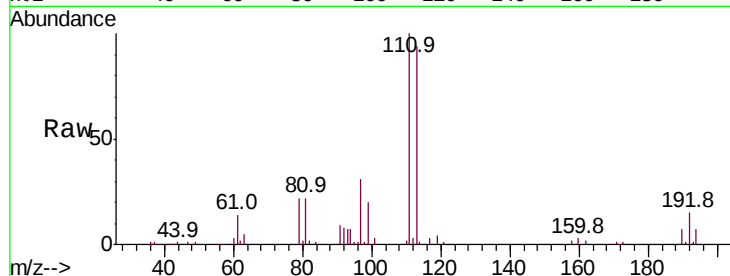




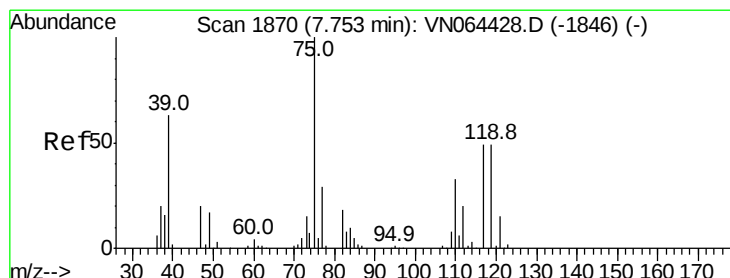
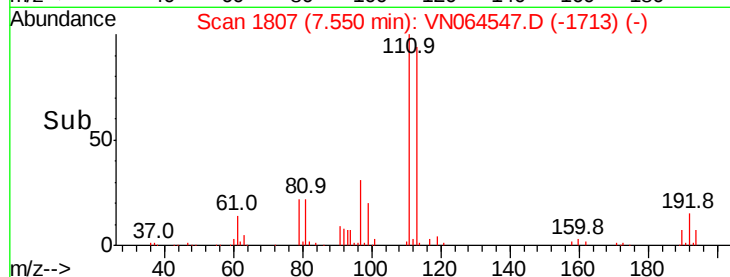
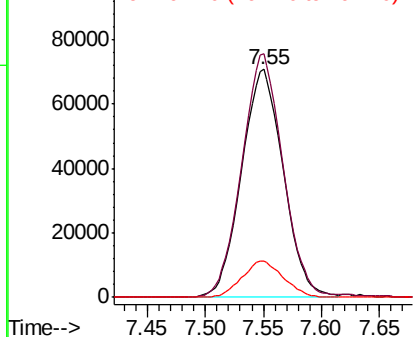
#35
 Dibromofluoromethane
 Concen: 48.391 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Tot Ion:113 Resp: 177578
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.1 121.7
 192 15.7 12.8 19.2

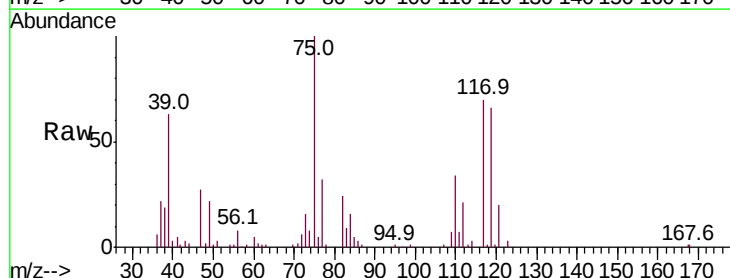


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

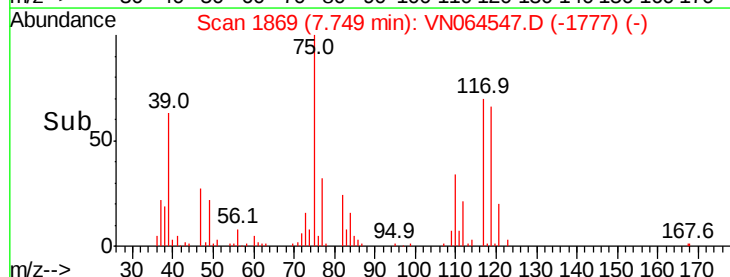
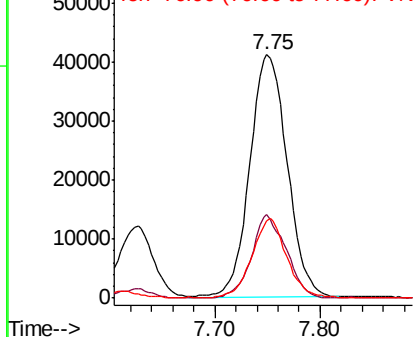


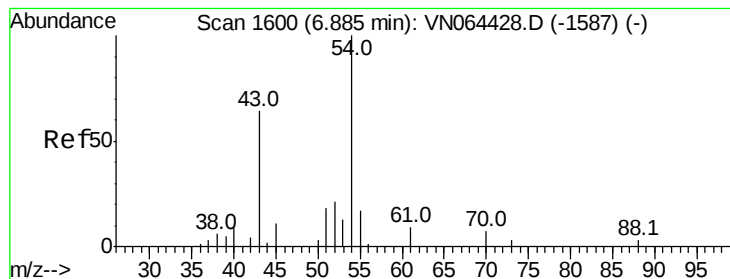
#36
 1,1-Dichloropropene
 Concen: 17.863 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion: 75 Resp: 101710
 Ion Ratio Lower Upper
 75 100
 110 31.8 16.0 48.0
 77 30.5 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: 17.817 ug/l

RT: 6.89 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

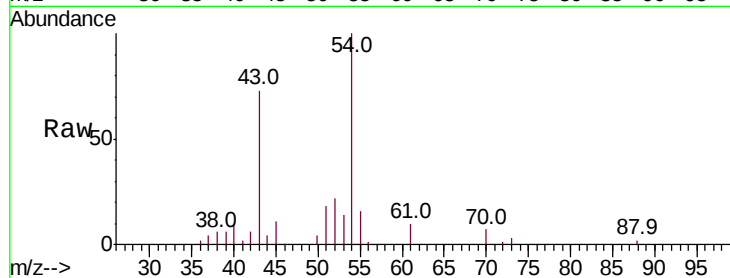
Tot Ion: 43 Resp: 100080

Ion Ratio Lower Upper

43 100

61 12.4 10.0 15.0

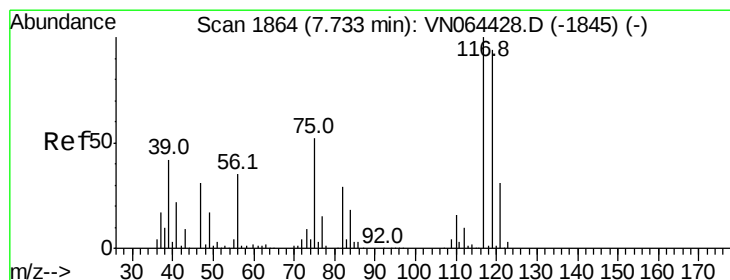
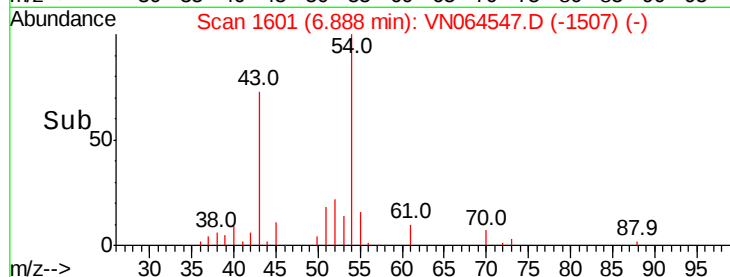
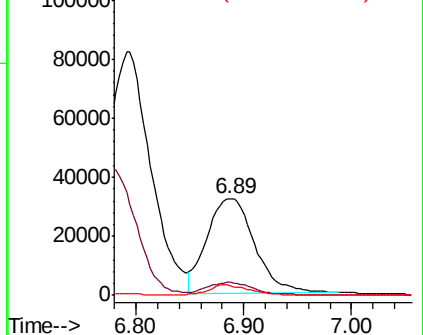
70 9.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN064428.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 19.273 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

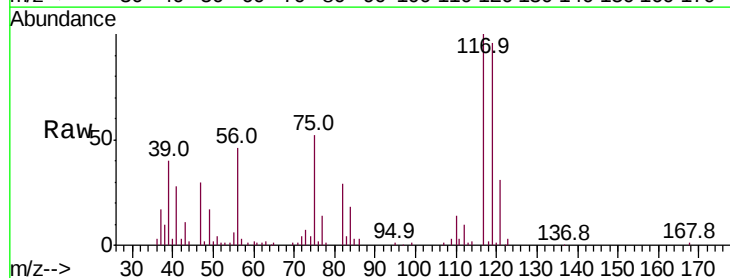
Tgt Ion: 117 Resp: 117284

Ion Ratio Lower Upper

117 100

119 96.2 75.5 113.3

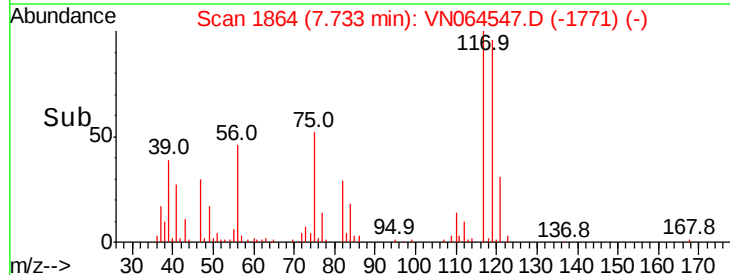
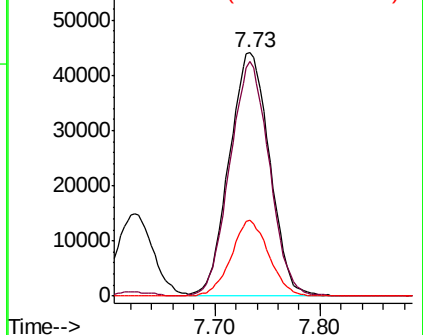
121 31.1 24.4 36.6

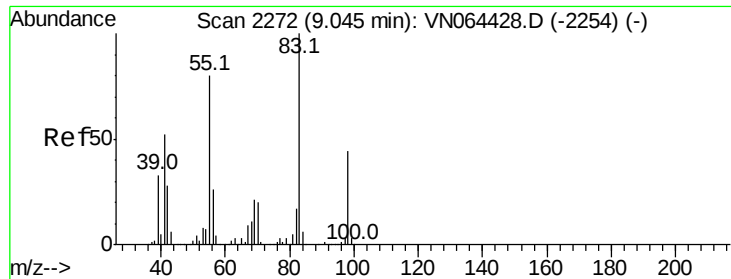


Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN064428.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064428.D (-1845) (-)

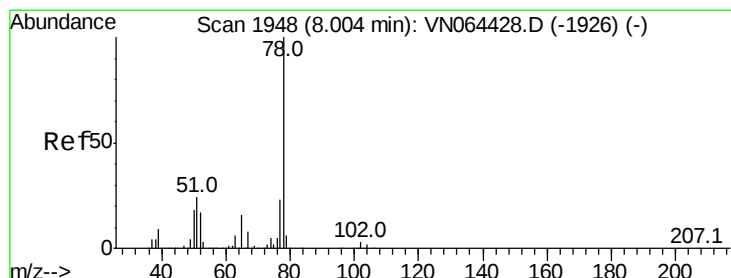
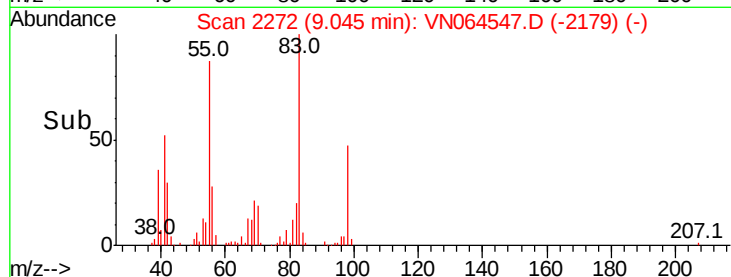
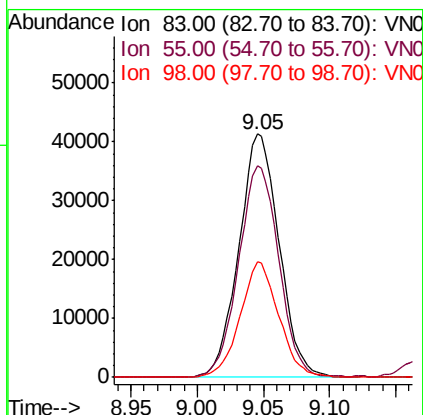
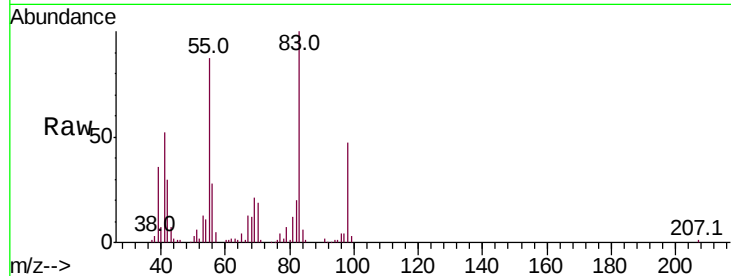




#39
Methvlcvclohexane
Concen: 17.093 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

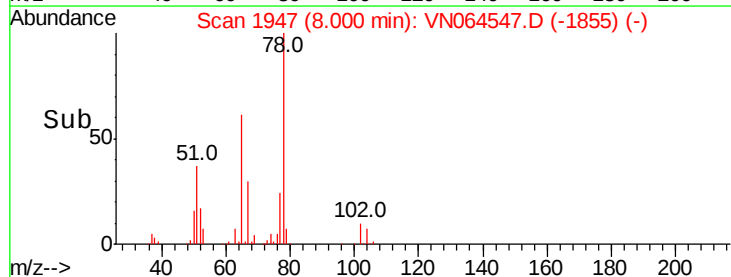
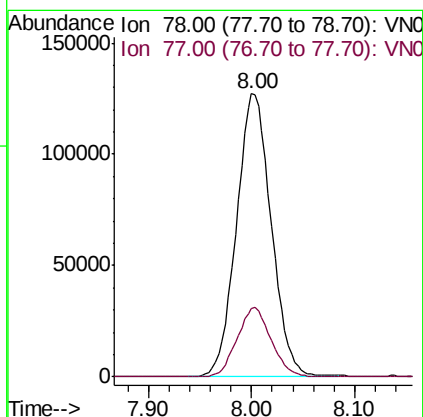
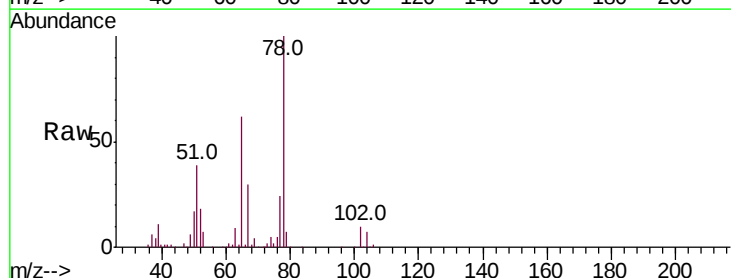
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

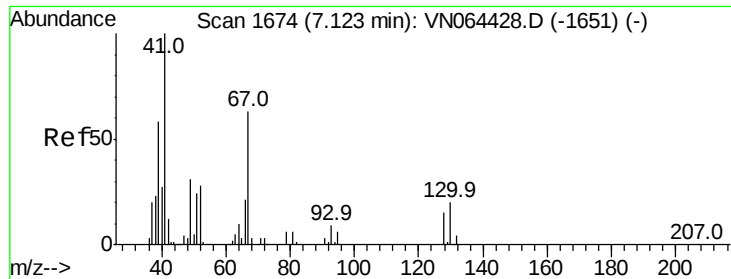
Tot Ion: 83 Resp: 87245
Ion Ratio Lower Upper
83 100
55 86.9 63.8 95.6
98 47.3 35.4 53.2



#40
Benzene
Concen: 17.821 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 78 Resp: 298164
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

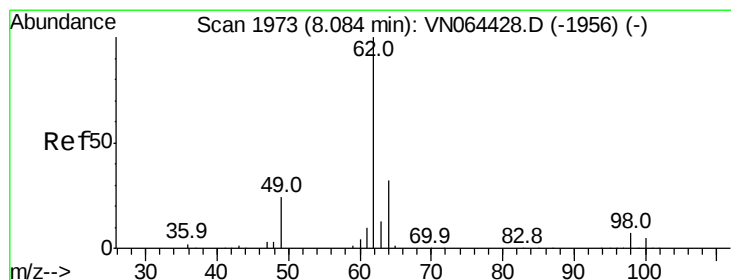
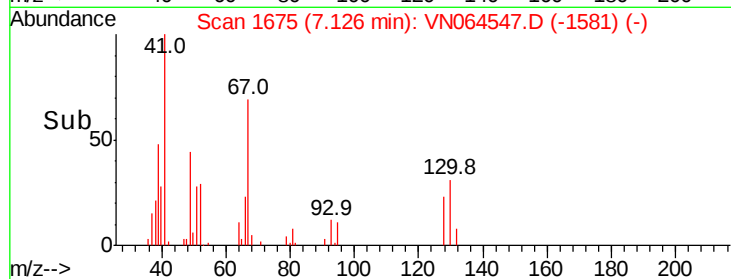
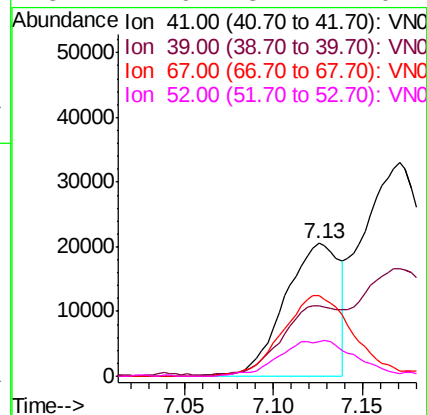
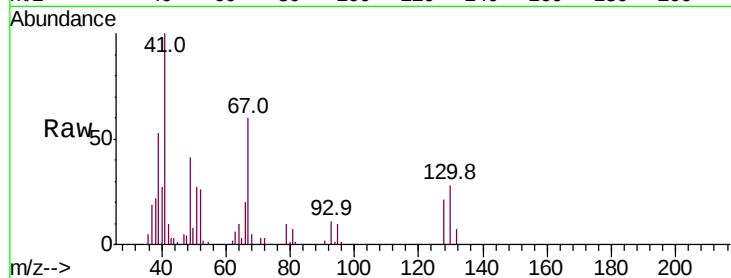




#41
Methacrylonitrile
Concen: 17.437 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

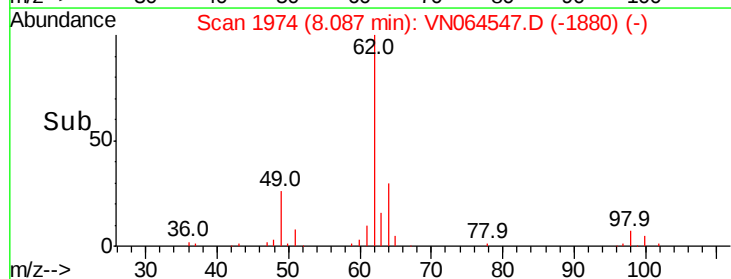
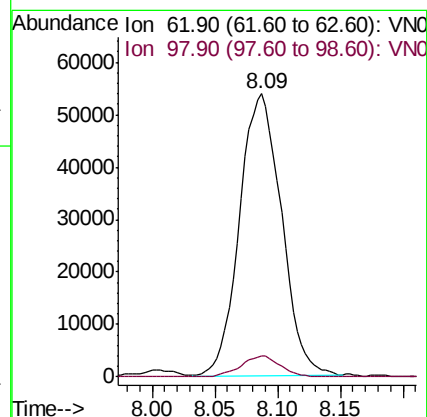
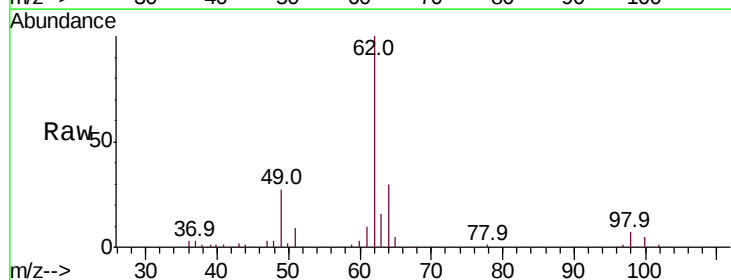
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

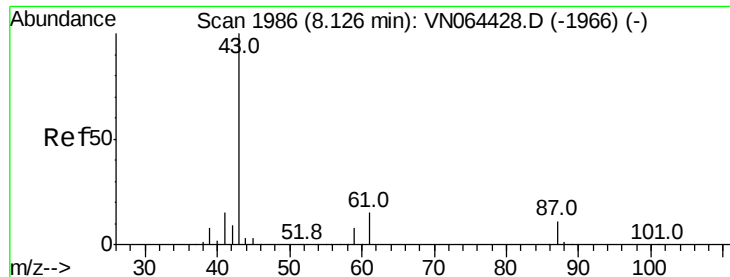
Tot Ion: 41 Resp: 44018
Ion Ratio Lower Upper
41 100
39 60.1 50.0 75.0
67 78.7 68.3 102.5
52 17.9 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 18.556 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 62 Resp: 125293
Ion Ratio Lower Upper
62 100
98 7.1 0.0 14.0





#43

Isopropyl Acetate

Concen: 17.475 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

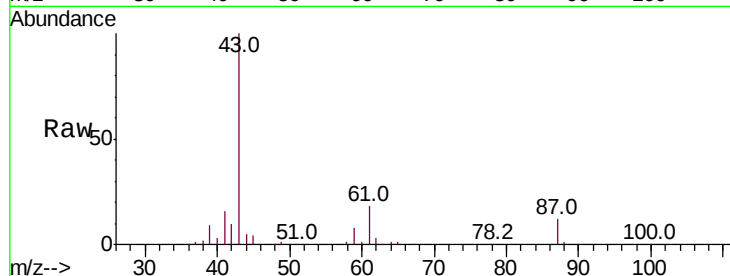
Tot Ion: 43 Resp: 161248

Ion Ratio Lower Upper

43 100

61 18.2 14.0 21.0

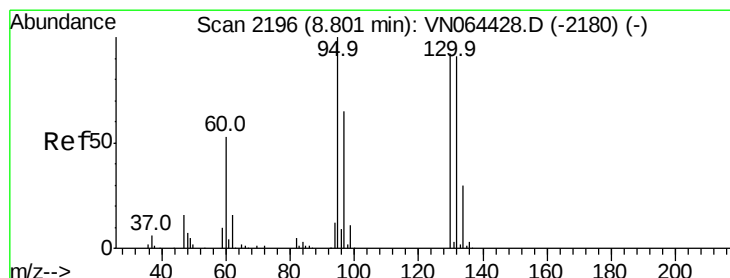
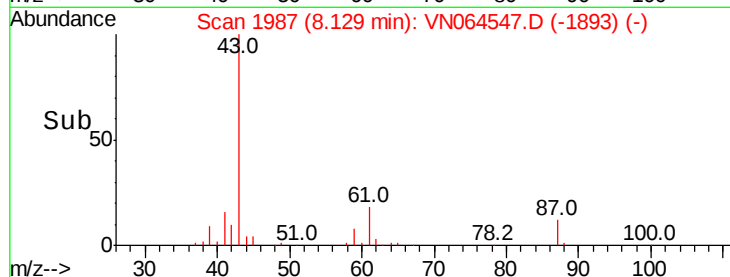
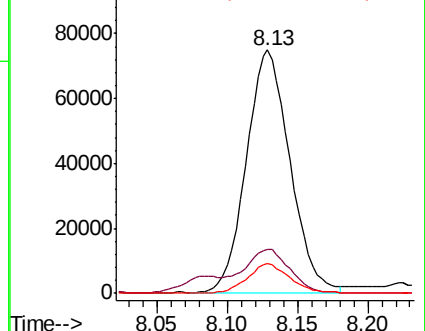
87 12.0 9.1 13.7



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: 17.809 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064547.D

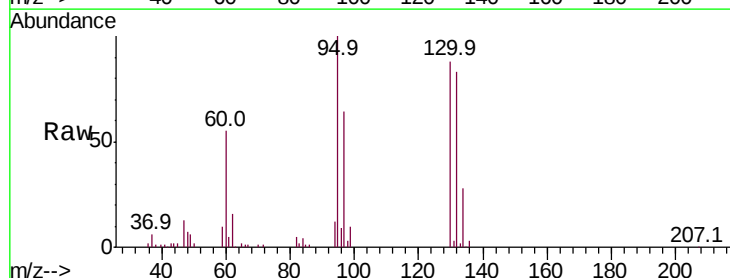
Acq: 11 Nov 2020 11:55

Tgt Ion:130 Resp: 75176

Ion Ratio Lower Upper

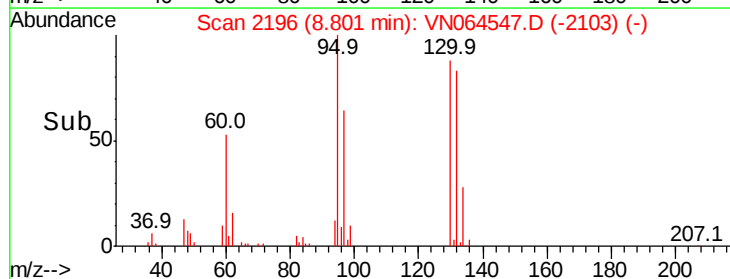
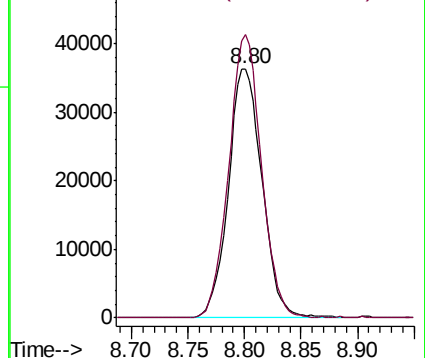
130 100

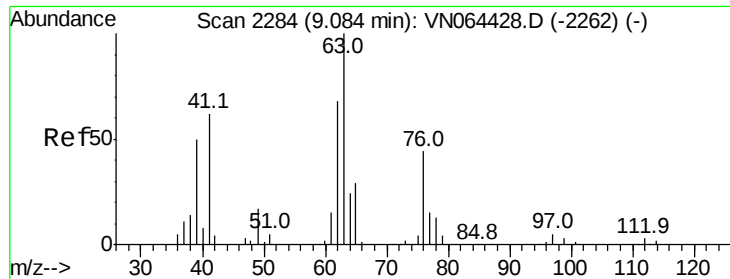
95 113.5 0.0 216.8



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

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

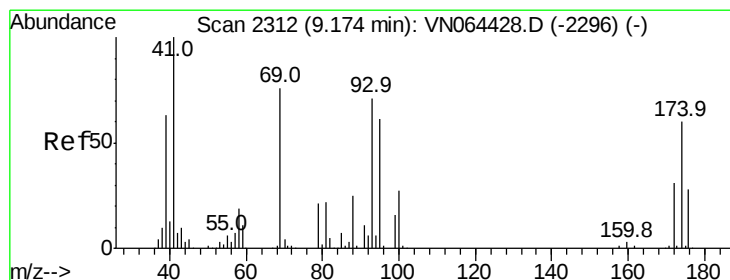
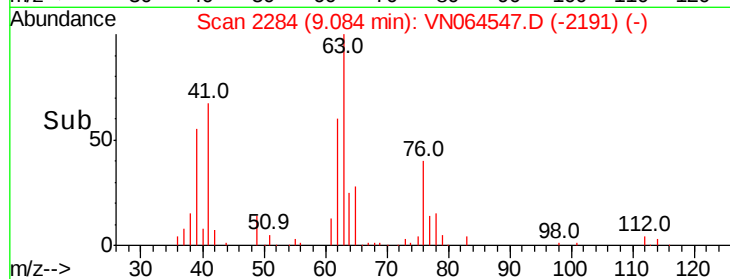
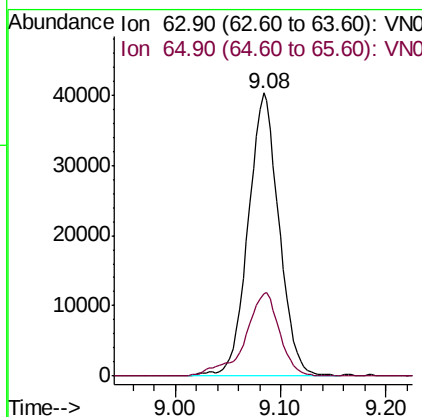
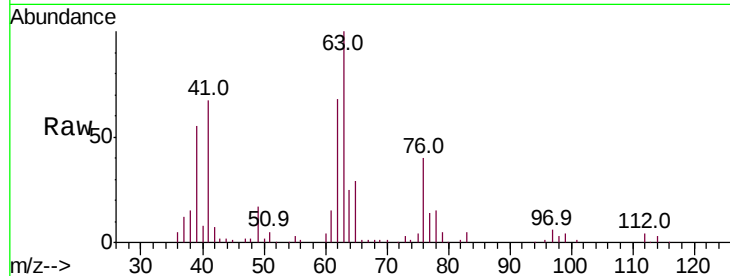




#45
 1,2-Dichloropropane
 Concen: 18.376 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

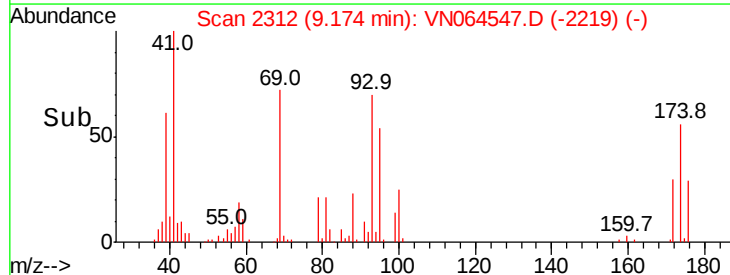
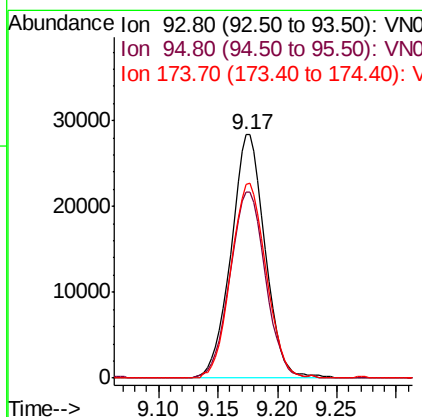
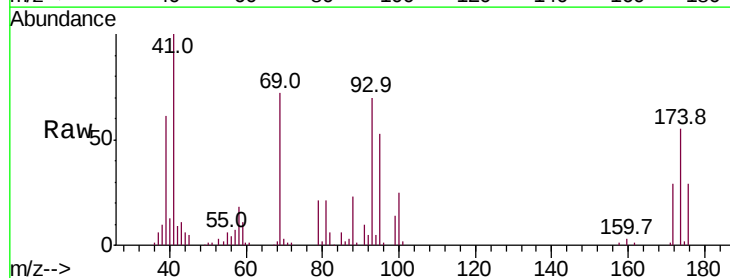
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

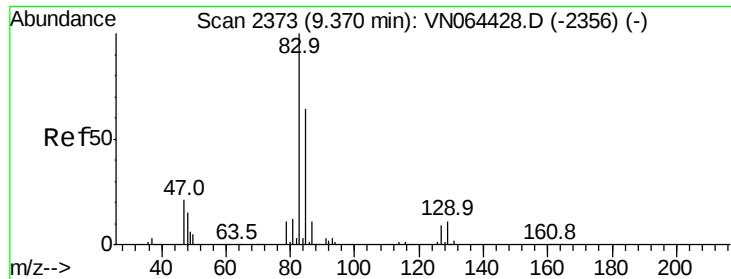
Tot Ion: 63 Resp: 82038
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.6 35.4



#46
 Dibromomethane
 Concen: 19.150 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion: 93 Resp: 56279
 Ion Ratio Lower Upper
 93 100
 95 79.8 66.4 99.6
 174 82.6 67.2 100.8





#47

Bromodichloromethane

Concen: 18.664 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

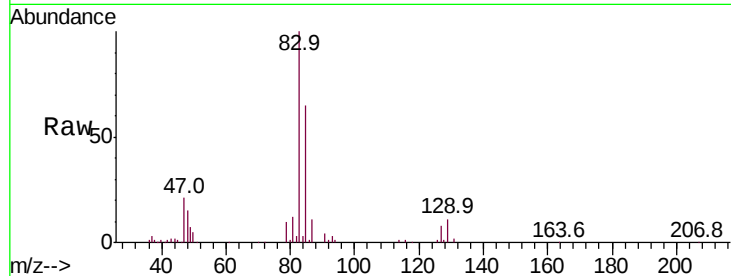
Tot Ion: 83 Resp: 117936

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

9.37

60000

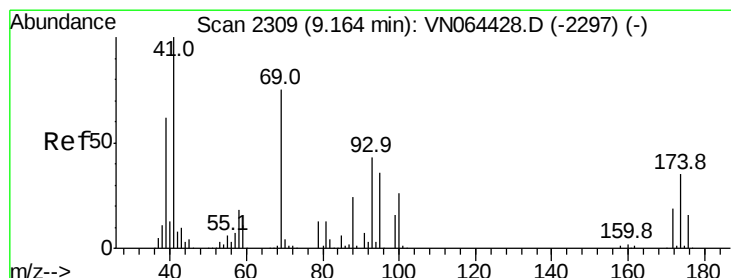
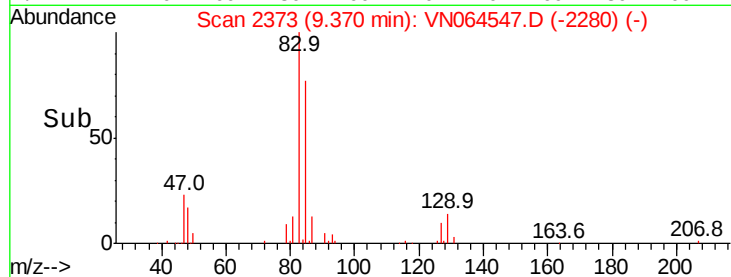
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#48

Methyl methacrylate

Concen: 17.912 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

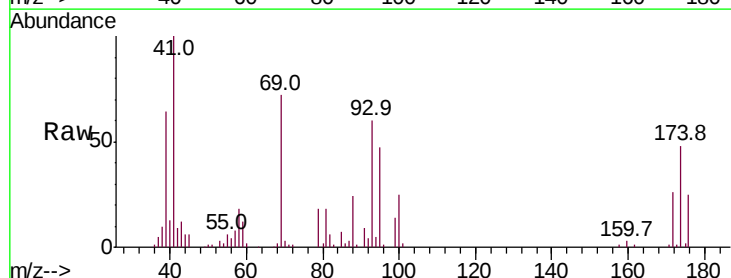
Tgt Ion: 41 Resp: 83401

Ion Ratio Lower Upper

41 100

69 72.8 60.4 90.6

39 61.5 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

9.17

60000

50000

40000

30000

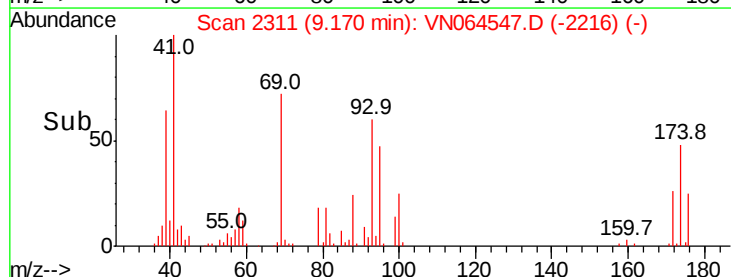
20000

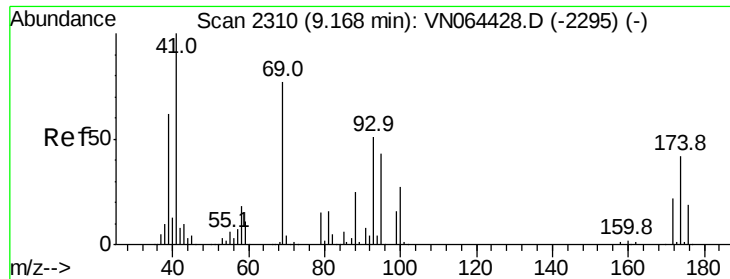
10000

0

9.10 9.15 9.20

Time-->





#49

1,4-Dioxane

Concen: 366.083 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

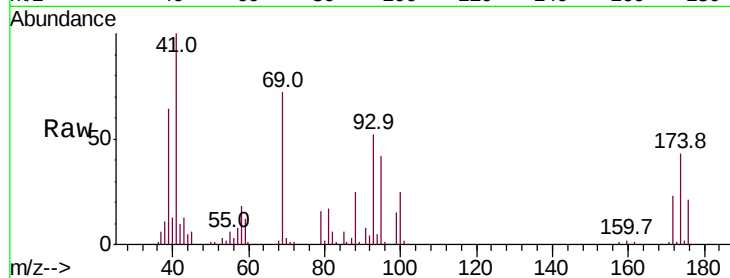
Tot Ion: 88 Resp: 22451

Ion Ratio Lower Upper

88 100

43 46.0 31.0 46.6

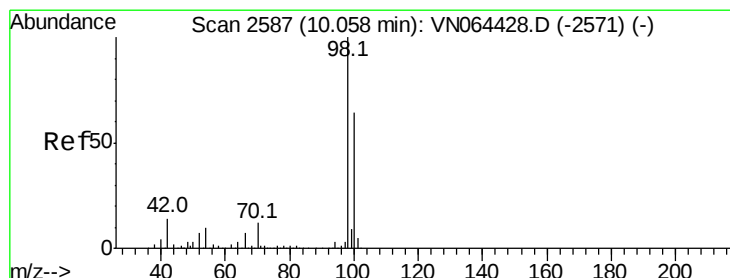
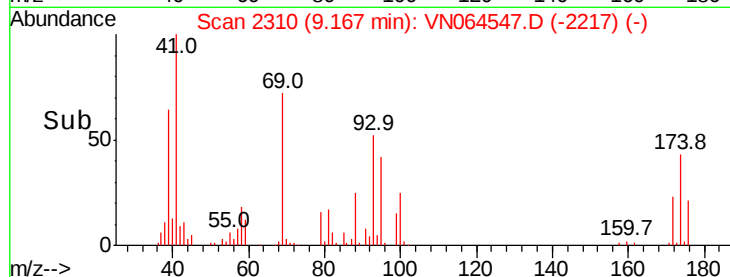
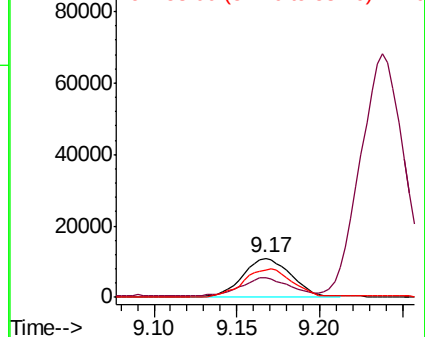
58 73.9 58.4 87.6



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: 47.074 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064547.D

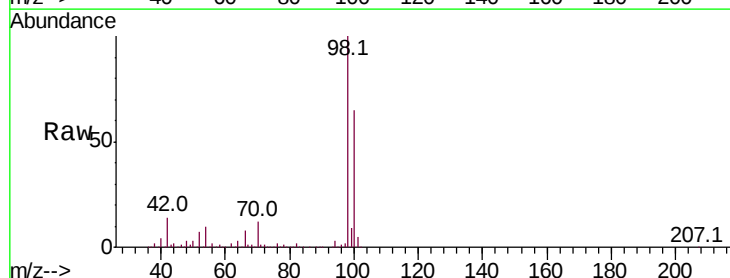
Acq: 11 Nov 2020 11:55

Tgt Ion: 98 Resp: 667653

Ion Ratio Lower Upper

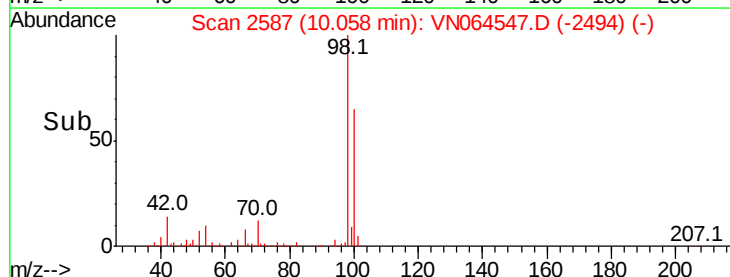
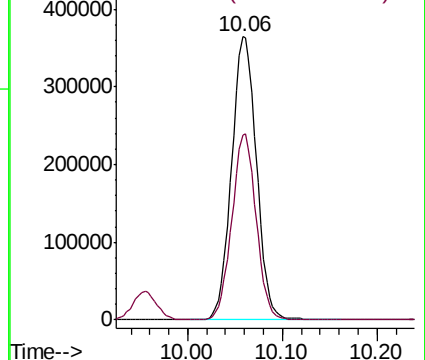
98 100

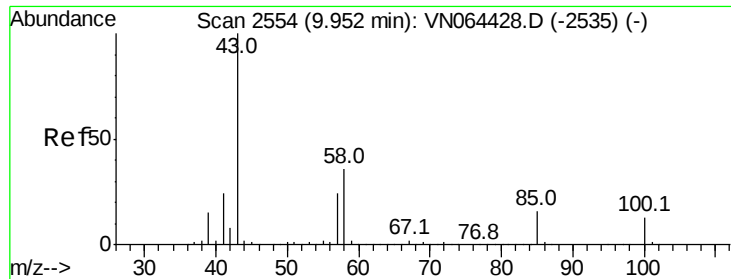
100 63.8 50.7 76.1



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: 92.934 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

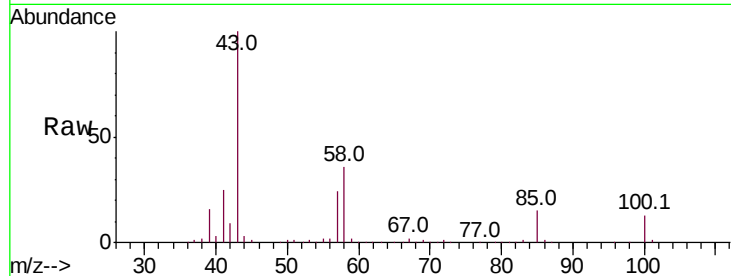
VN1111WBS01

Tot Ion: 43 Resp: 500086

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

250000

200000

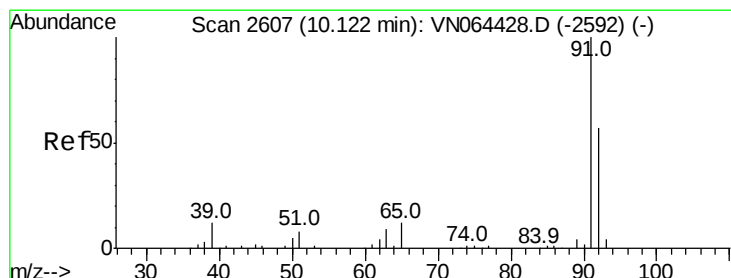
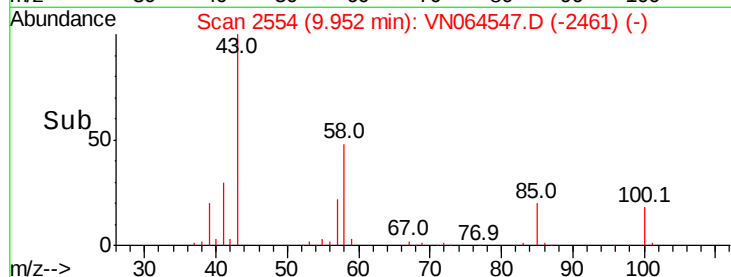
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.519 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064547.D

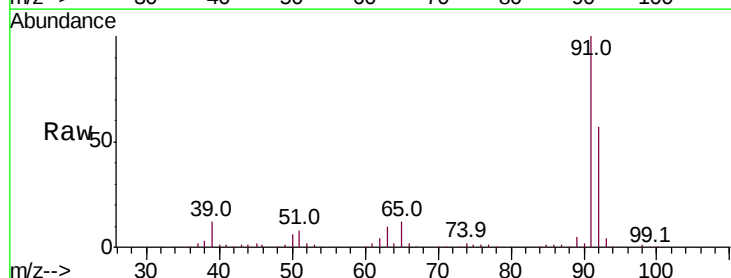
Acq: 11 Nov 2020 11:55

Tgt Ion: 92 Resp: 188978

Ion Ratio Lower Upper

92 100

91 174.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

200000

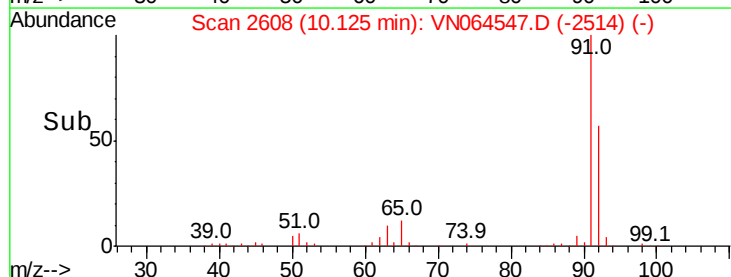
150000

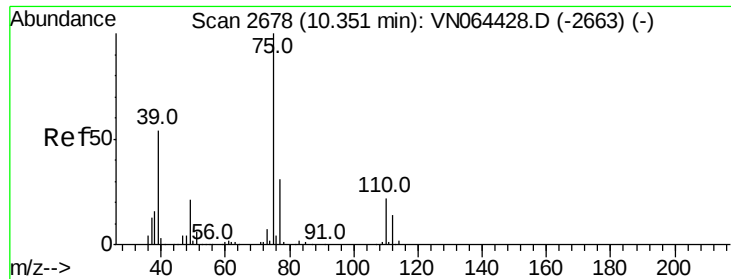
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.210 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

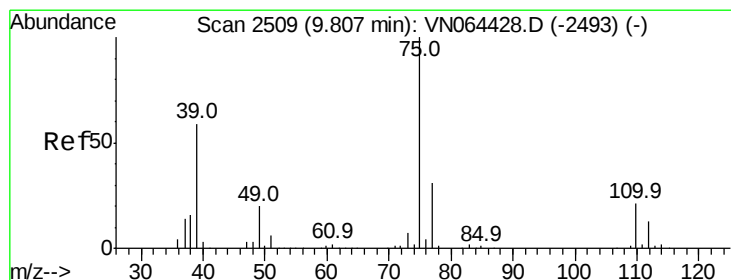
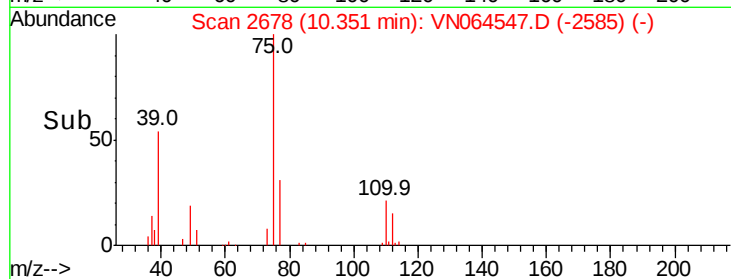
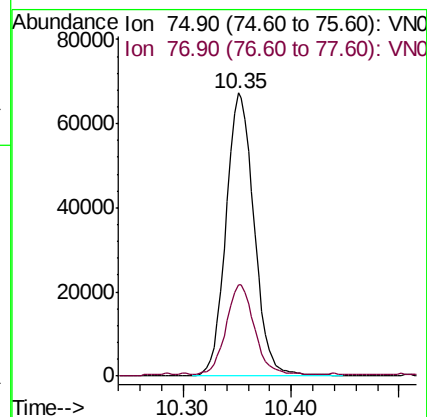
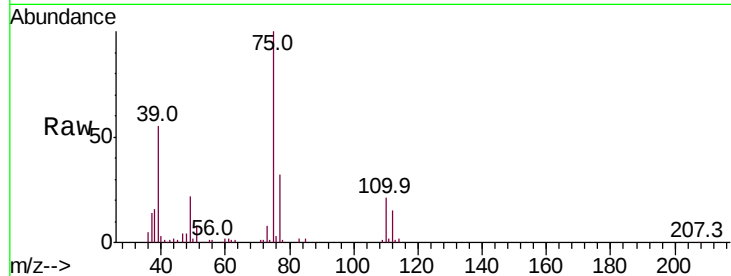
VN1111WBS01

Tot Ion: 75 Resp: 121992

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.136 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

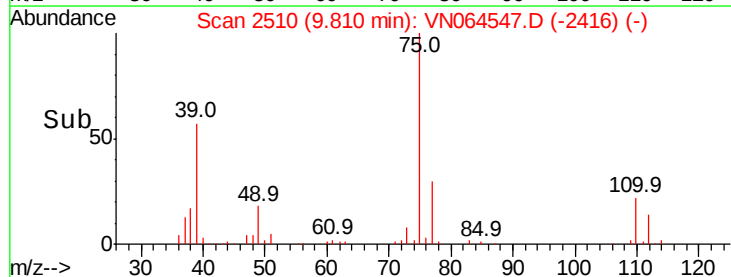
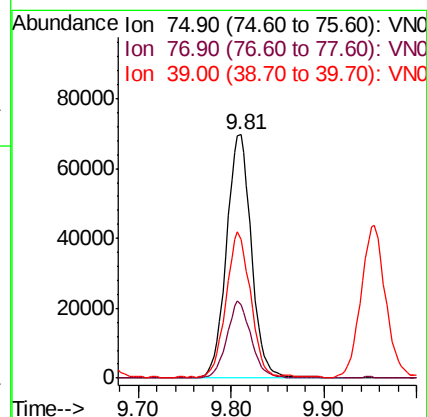
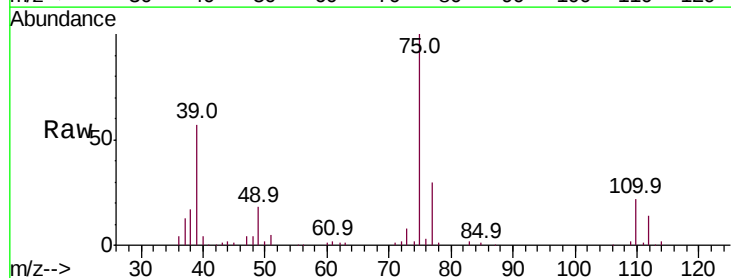
Tgt Ion: 75 Resp: 129901

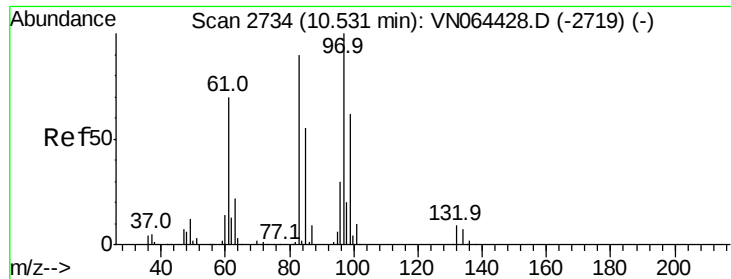
Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3

39 56.6 47.1 70.7

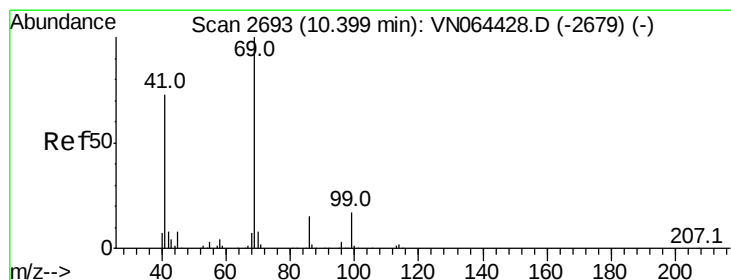
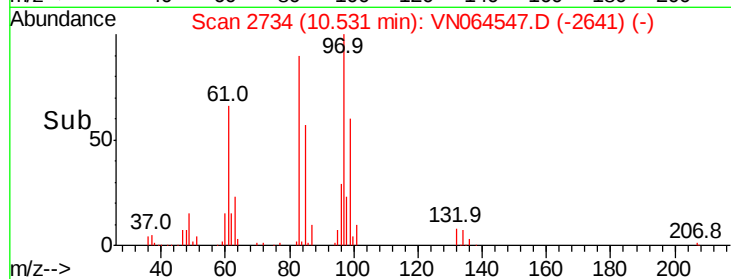
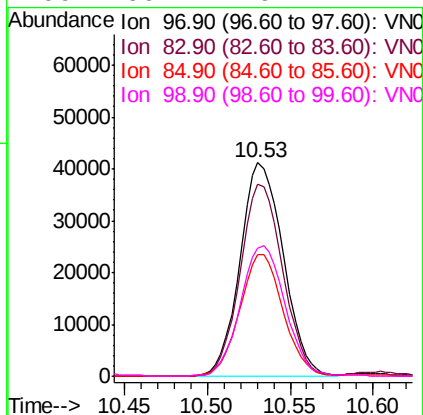
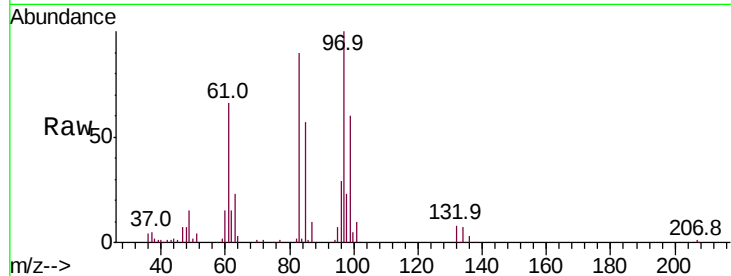




#55
 1,1,2-Trichloroethane
 Concen: 18.783 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

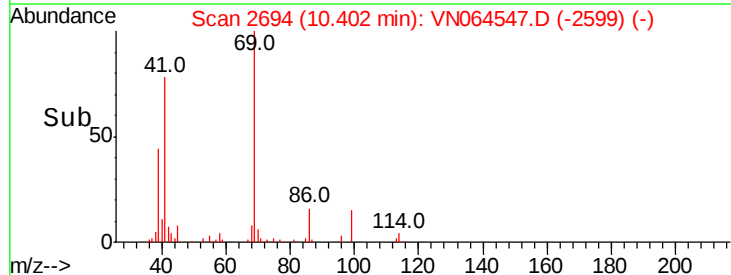
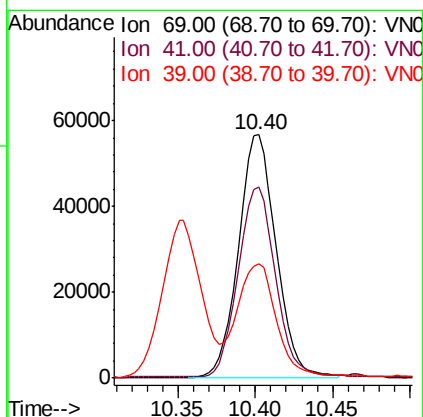
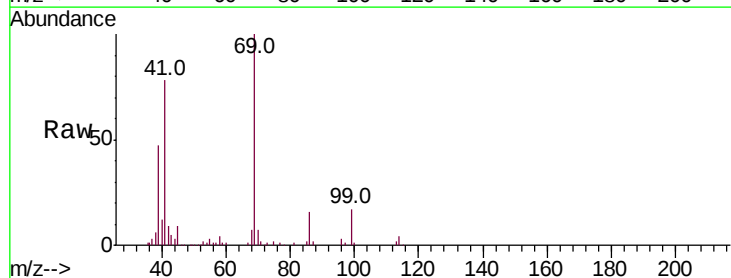
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

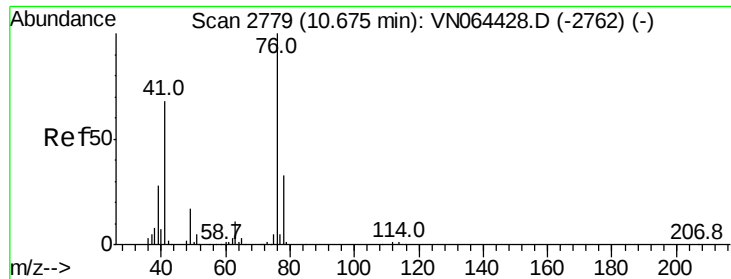
Tot Ion:	97	Resp:	74753
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.7	107.5
85	56.9	44.3	66.5
99	60.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 16.009 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion:	69	Resp:	96314
Ion	Ratio	Lower	Upper
69	100		
41	76.6	59.3	88.9
39	46.6	35.4	53.0





#57

1,3-Dichloropropane

Concen: 18.708 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

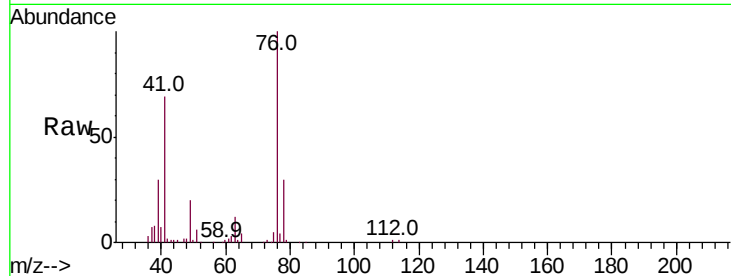
VN1111WBS01

Tot Ion: 76 Resp: 129953

Ion Ratio Lower Upper

76 100

78 31.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

80000

60000

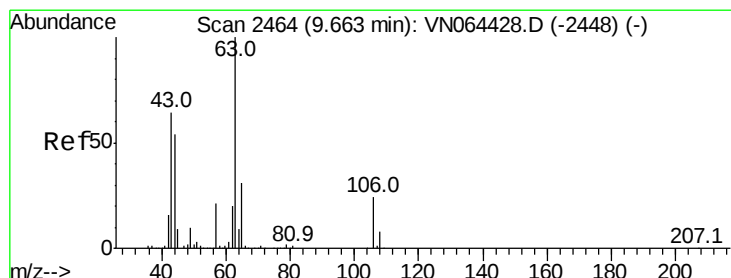
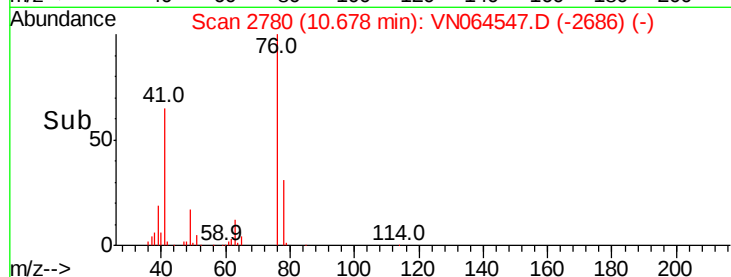
40000

20000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 100.464 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064547.D

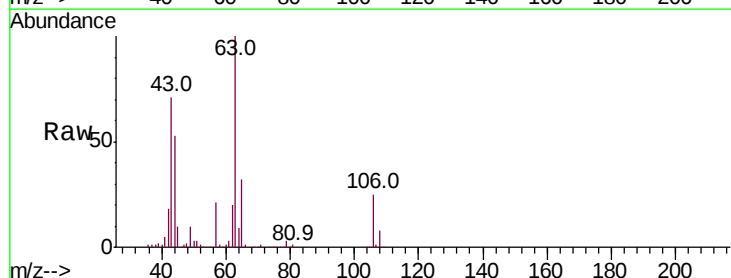
Acq: 11 Nov 2020 11:55

Tgt Ion: 63 Resp: 267218

Ion Ratio Lower Upper

63 100

106 25.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.67

150000

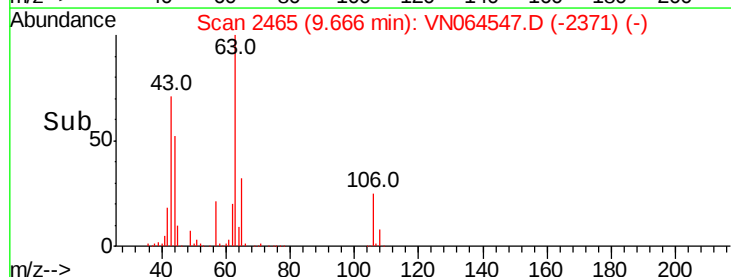
100000

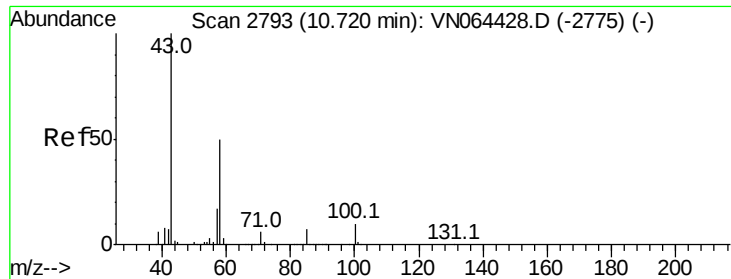
50000

0

Time-->

9.60 9.65 9.70 9.75





#59

2-Hexanone

Concen: 84.144 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

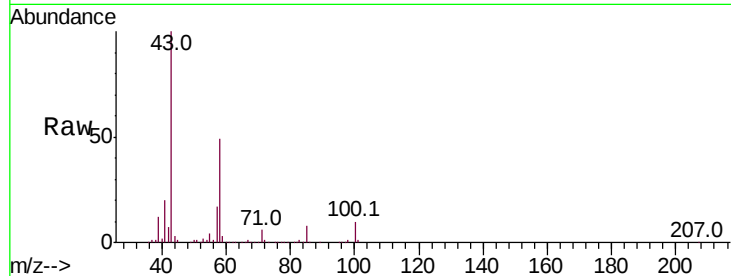
VN1111WBS01

Tot Ion: 43 Resp: 357301

Ion Ratio Lower Upper

43 100

58 48.5 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2775) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2775) (-)

10.72

200000

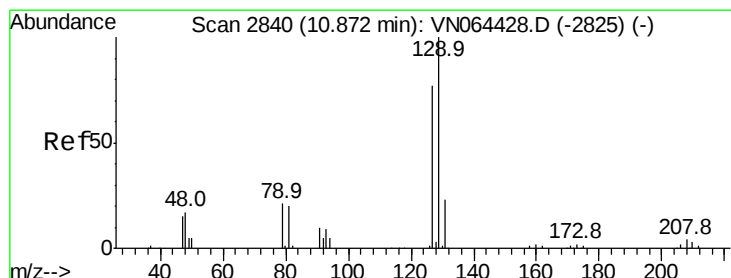
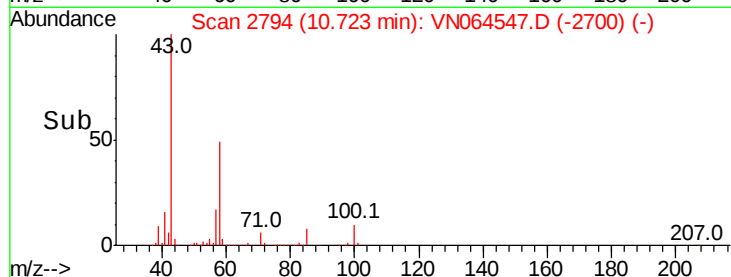
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 19.450 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064547.D

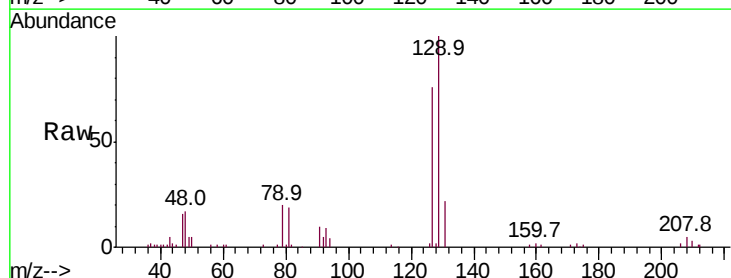
Acq: 11 Nov 2020 11:55

Tgt Ion:129 Resp: 86666

Ion Ratio Lower Upper

129 100

127 76.4 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VN064428.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2825) (-)

10.87

50000

40000

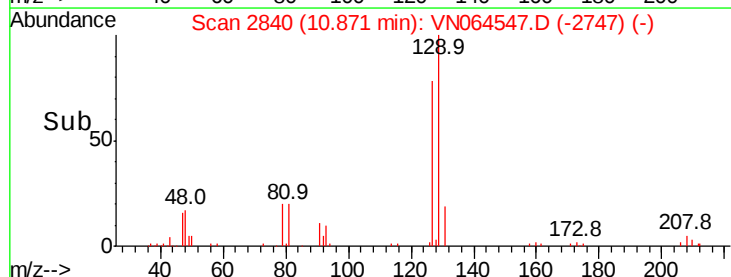
30000

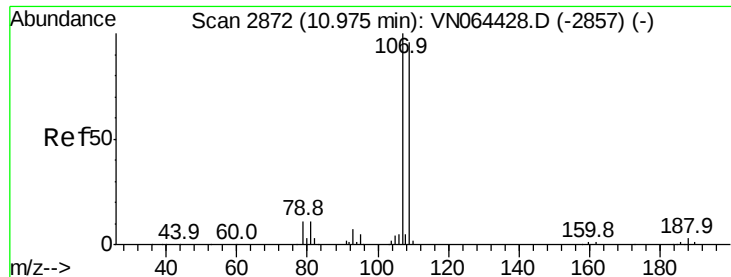
20000

10000

0

Time-->





#61

1,2-Dibromoethane

Concen: 18.762 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

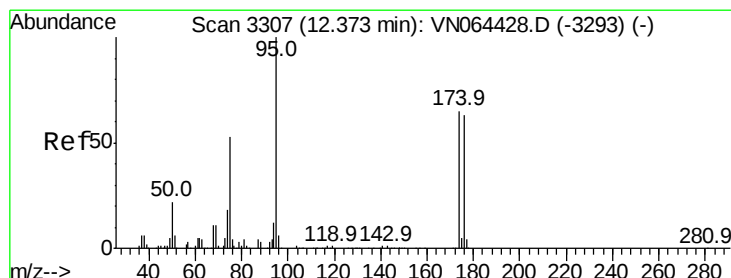
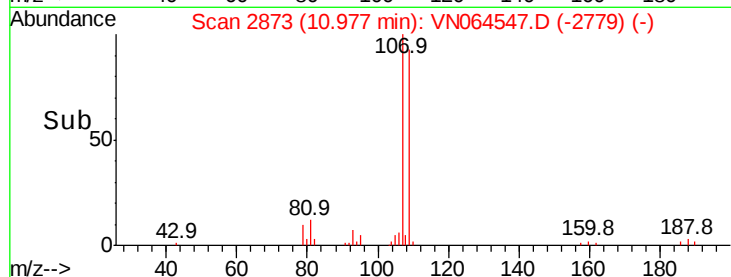
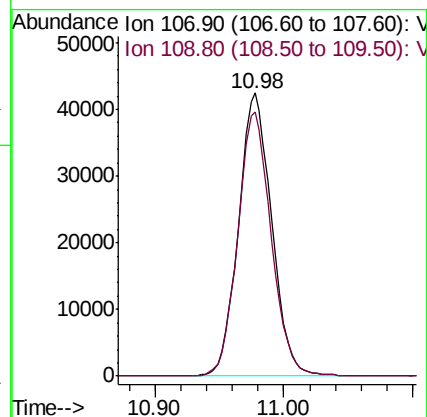
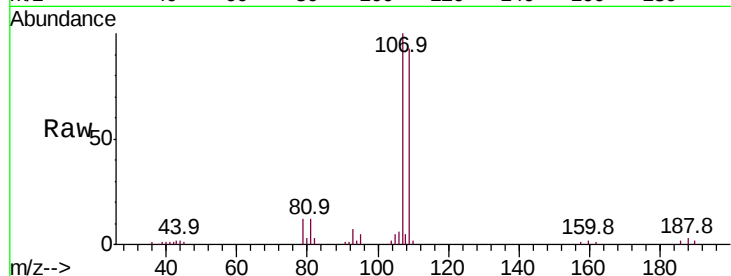
VN1111WBS01

Tot Ion:107 Resp: 75738

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.773 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

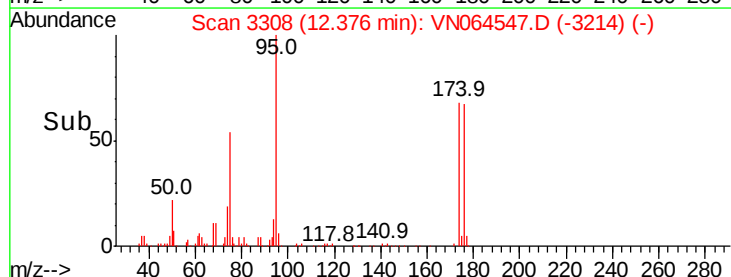
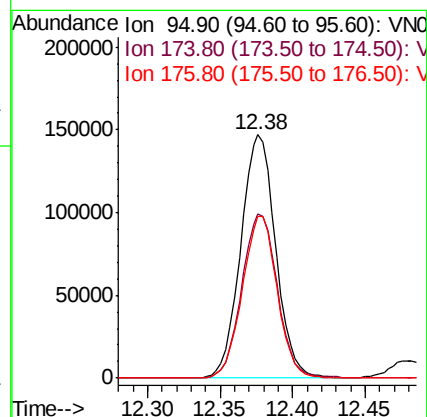
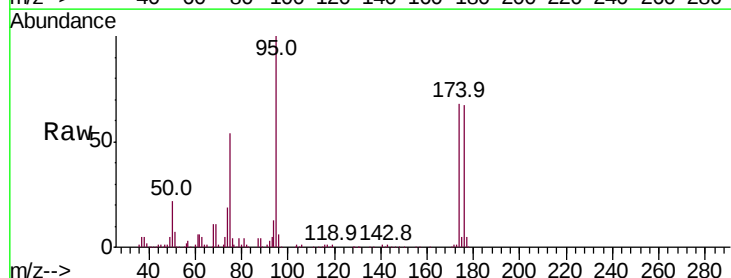
Tgt Ion: 95 Resp: 245521

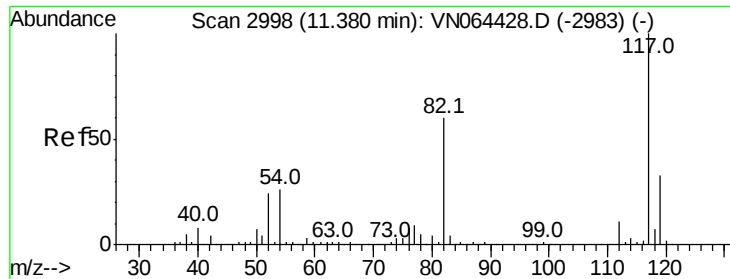
Ion Ratio Lower Upper

95 100

174 69.1 0.0 132.6

176 66.5 0.0 129.2

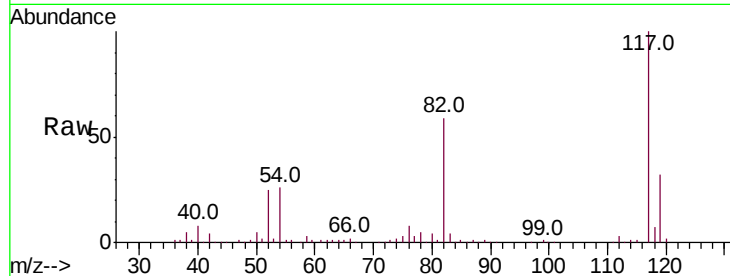




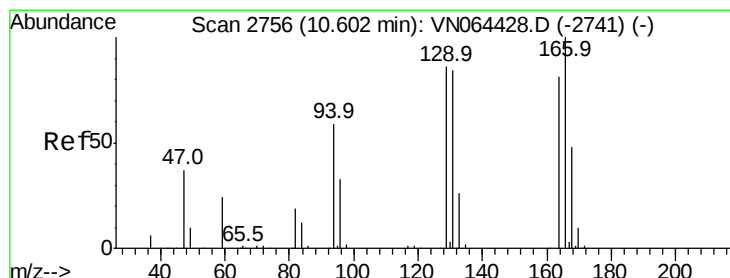
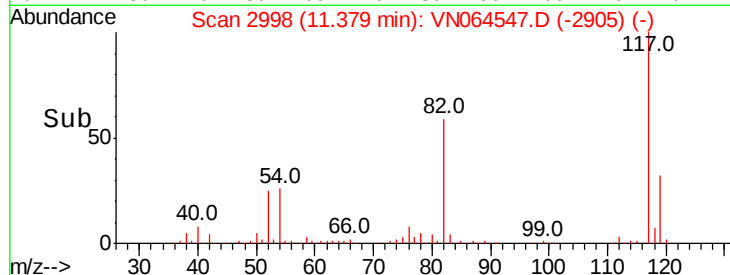
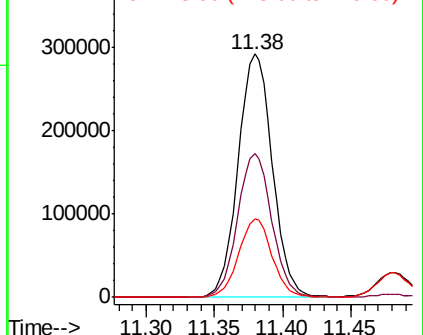
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tot Ion:117 Resp: 511045
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.2 26.2 39.4

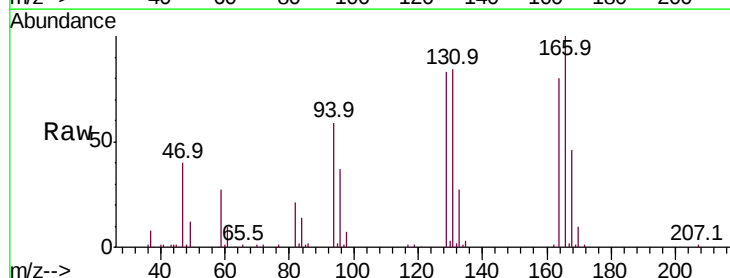


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

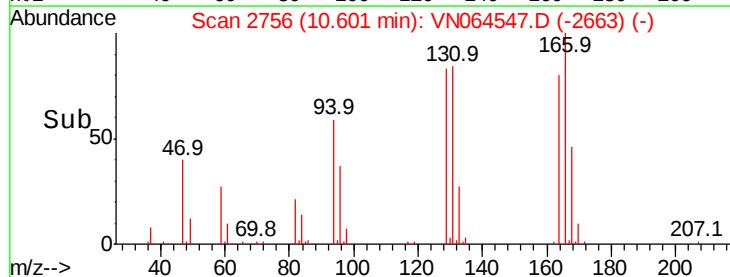
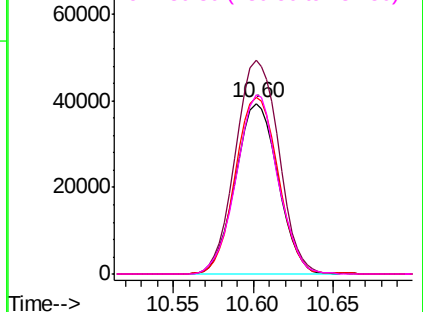


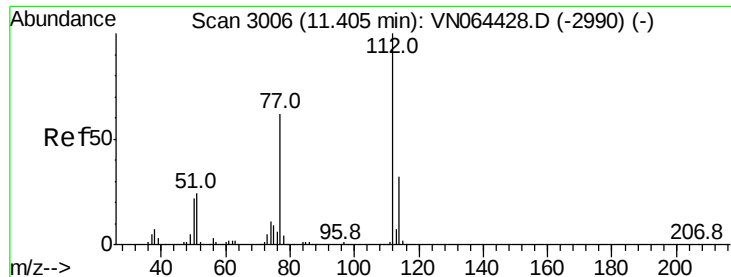
#64
Tetrachloroethene
Concen: 18.158 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion:164 Resp: 71480
Ion Ratio Lower Upper
164 100
166 125.1 98.2 147.2
129 103.7 84.6 127.0
131 105.0 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: 17.870 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

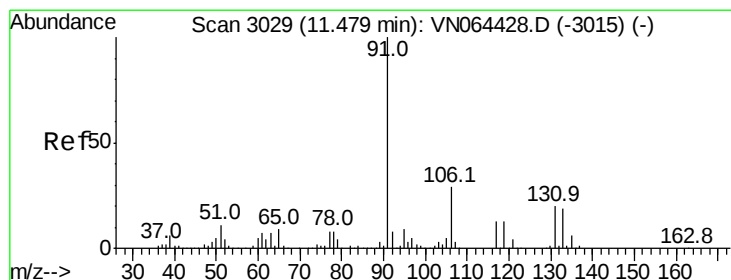
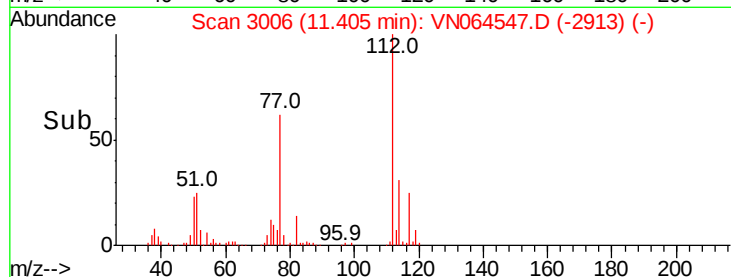
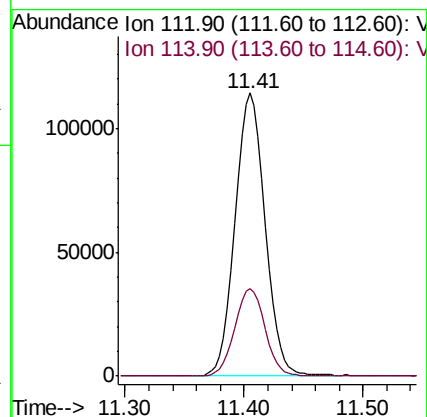
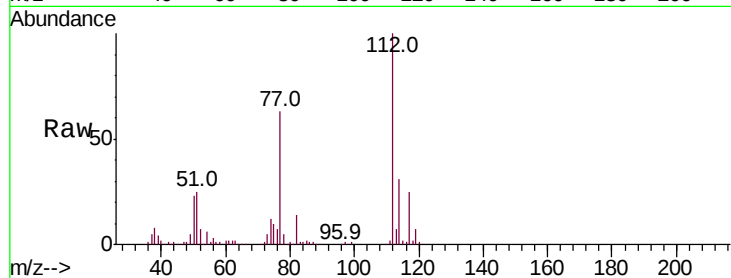
VN1111WBS01

Tot Ion:112 Resp: 200206

Ion Ratio Lower Upper

112 100

114 30.8 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.513 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

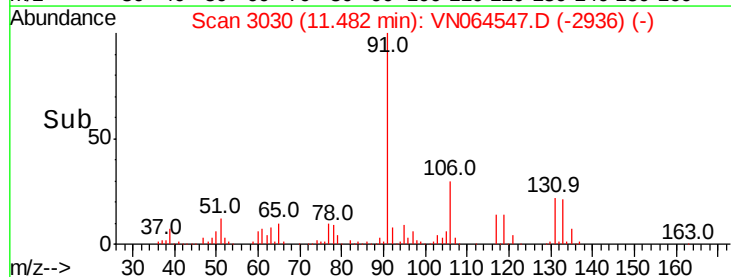
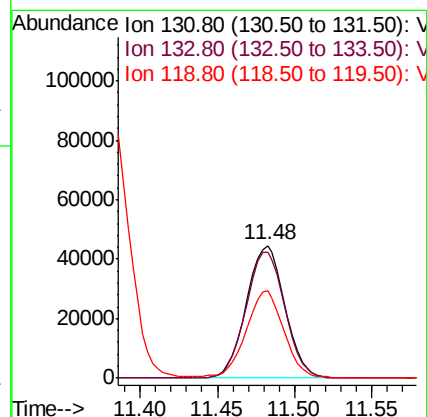
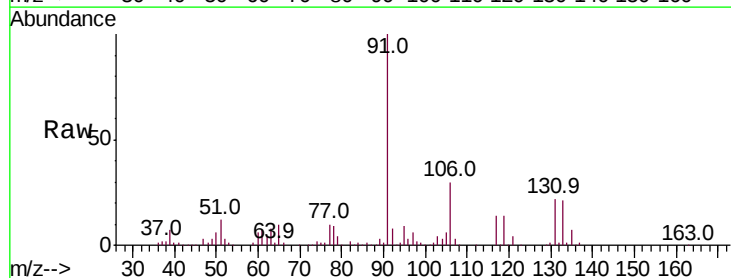
Tgt Ion:131 Resp: 77374

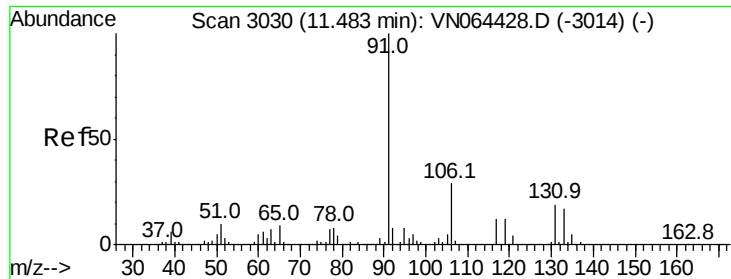
Ion Ratio Lower Upper

131 100

133 96.6 46.9 140.7

119 64.8 32.1 96.5

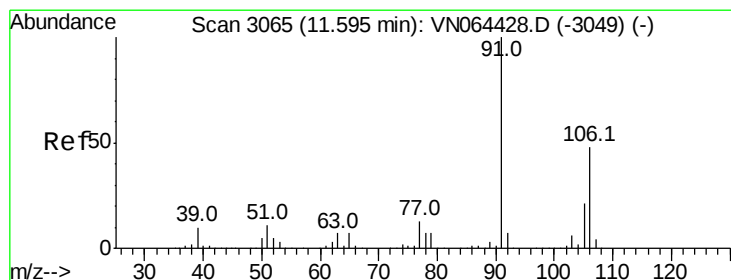
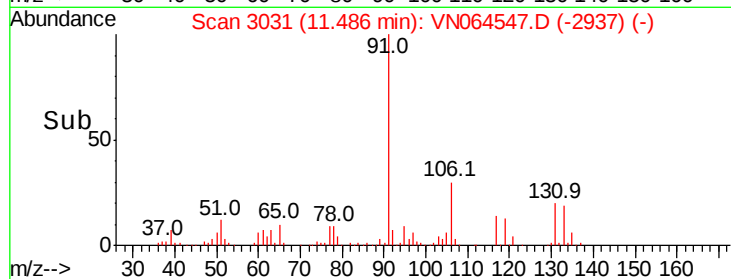
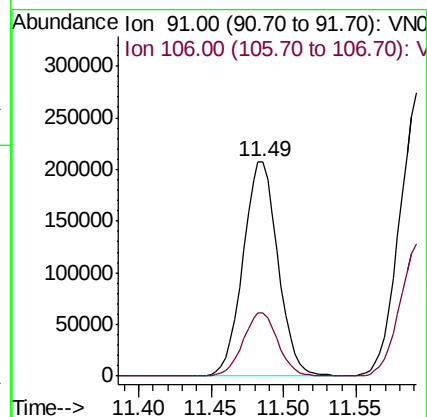
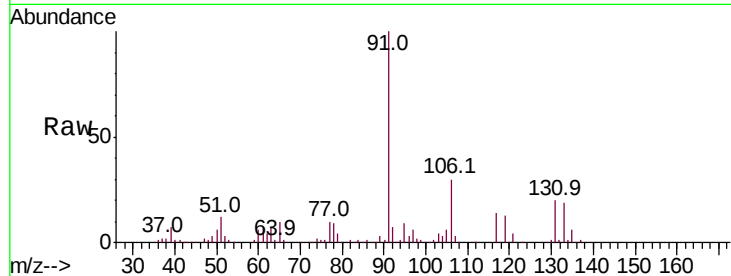




#67
Ethyl Benzene
Concen: 17.399 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

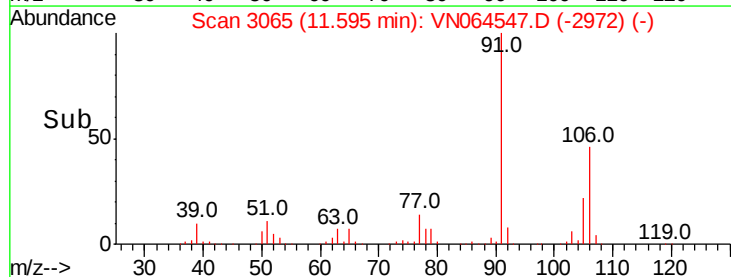
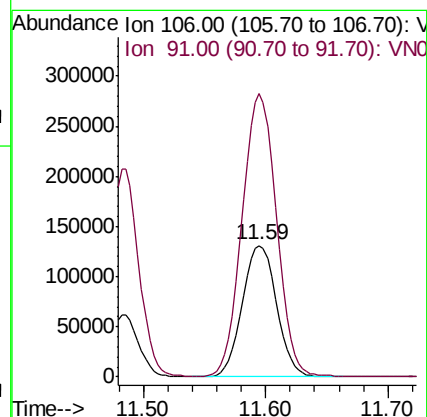
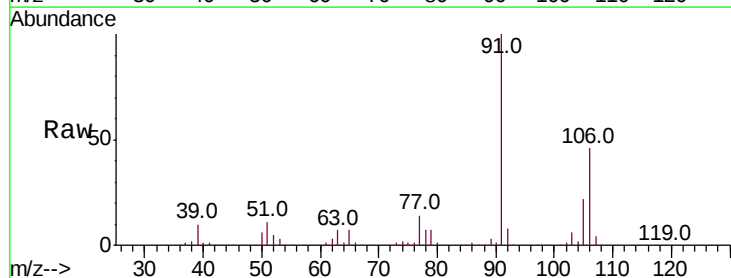
Instrument :
MSVOA_N
ClientSampled :
VN1111WBS01

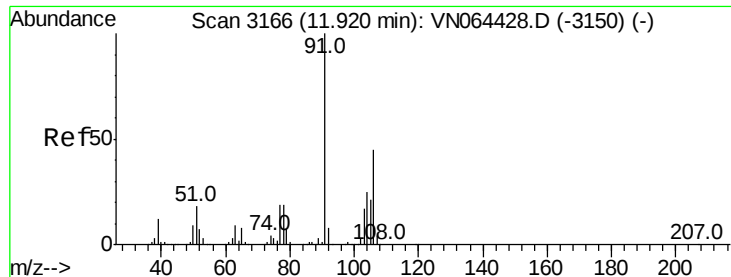
Tot Ion: 91 Resp: 346728
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 35.248 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 106 Resp: 254737
Ion Ratio Lower Upper
106 100
91 214.8 169.4 254.2

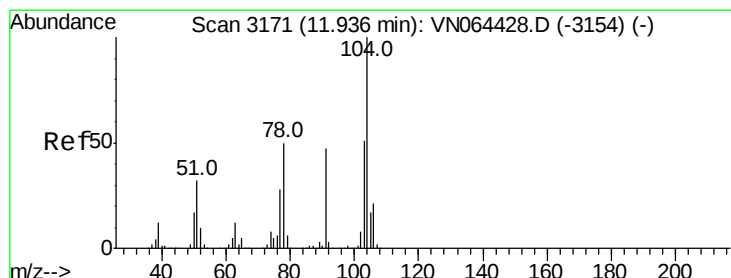
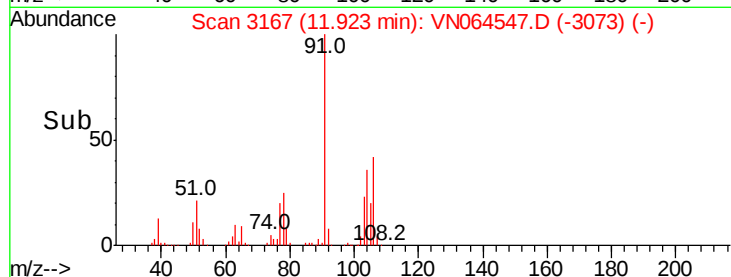
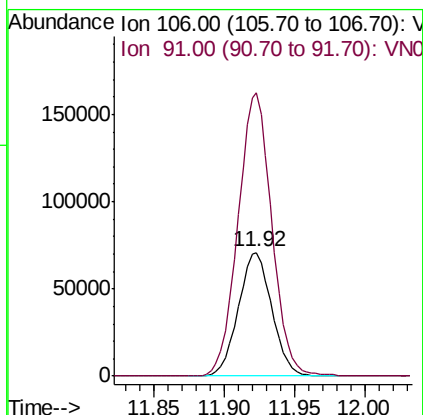
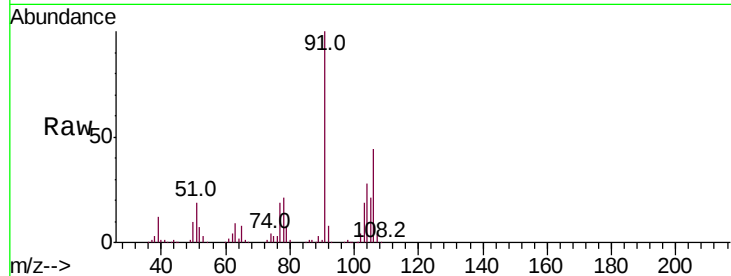




#69
o-Xylene
Concen: 16.968 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

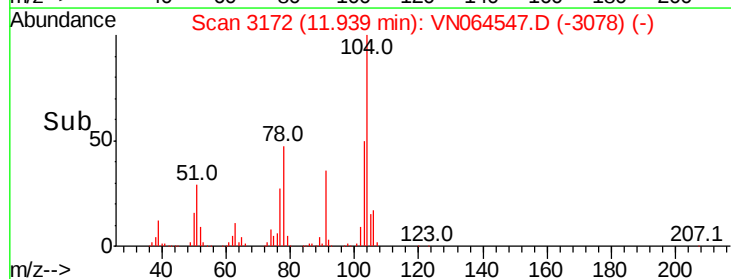
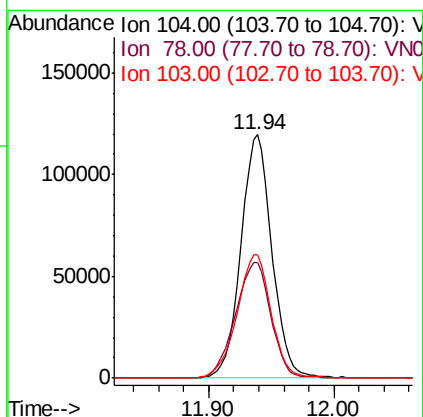
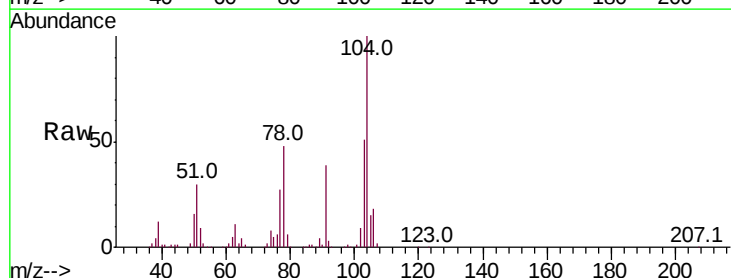
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

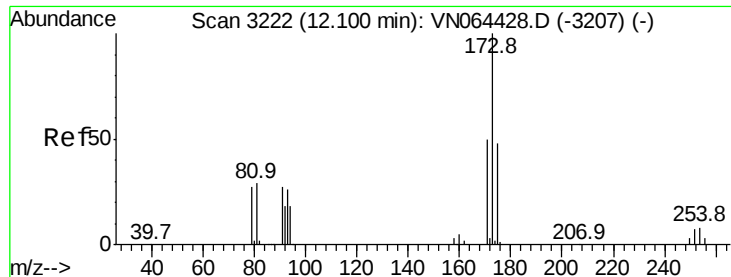
Tot Ion:106 Resp: 118494
Ion Ratio Lower Upper
106 100
91 229.9 111.7 334.9



#70
Styrene
Concen: 17.541 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion:104 Resp: 206129
Ion Ratio Lower Upper
104 100
78 54.3 44.0 66.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 17.547 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

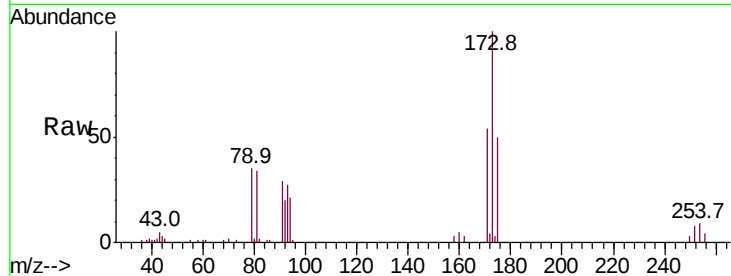
Tot Ion:173 Resp: 52400

Ion Ratio Lower Upper

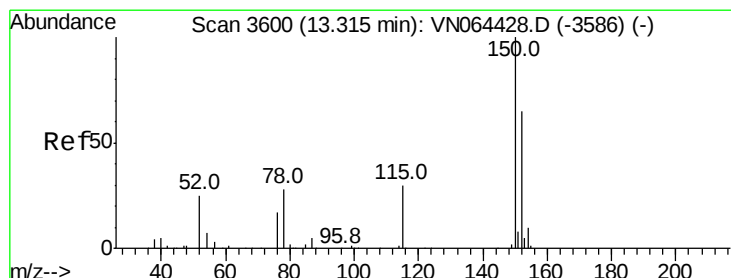
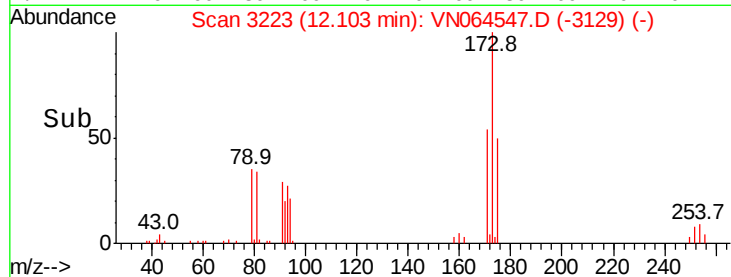
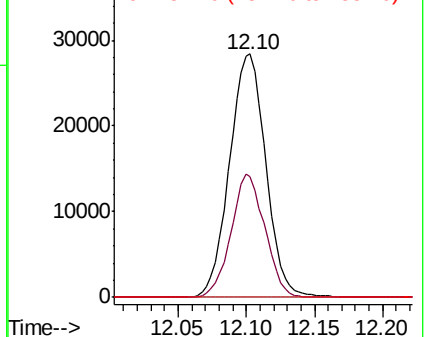
173 100

175 46.9 23.7 71.1

254 0.0 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: VN064547.D

Acq: 11 Nov 2020 11:55

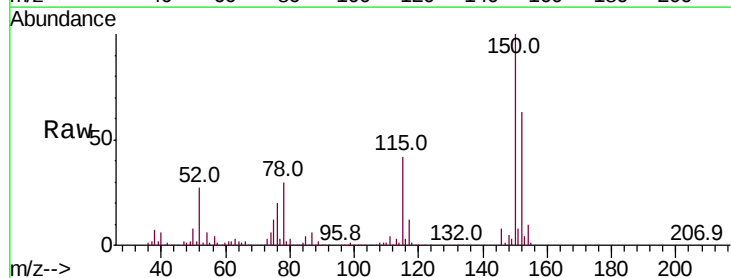
Tgt Ion:152 Resp: 226998

Ion Ratio Lower Upper

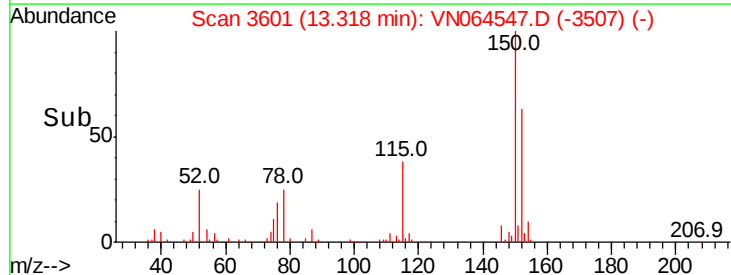
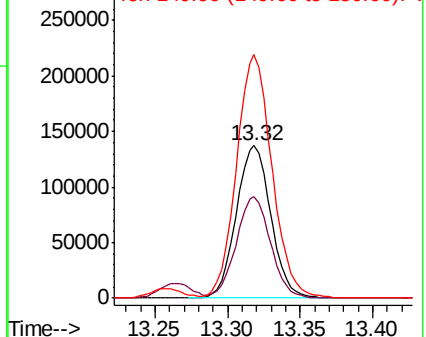
152 100

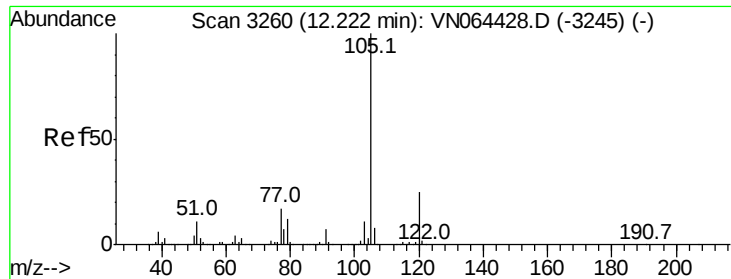
115 65.7 32.0 96.0

150 163.4 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: 17.646 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

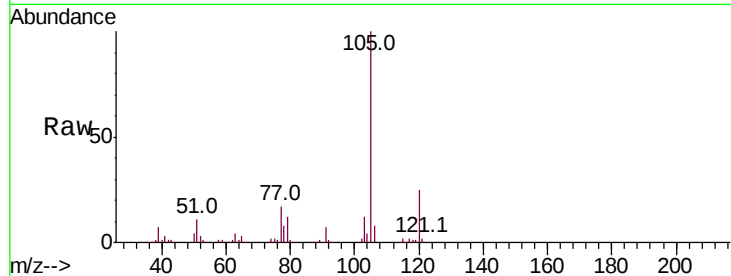
VN1111WBS01

Tot Ion:105 Resp: 318386

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

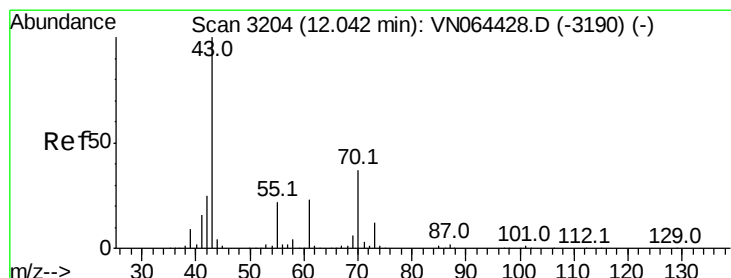
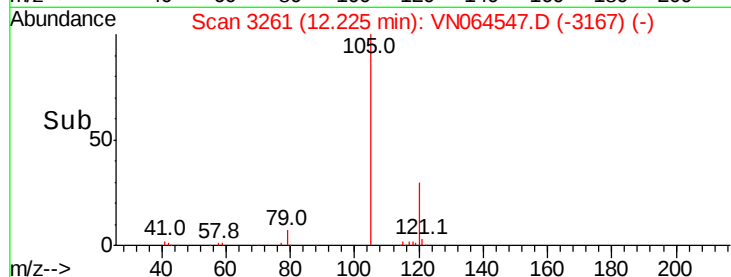
100000

50000

0

12.20 12.23 12.30

Time-->



#74

N-ethyl acetate

Concen: 16.061 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Tgt Ion: 43 Resp: 133147

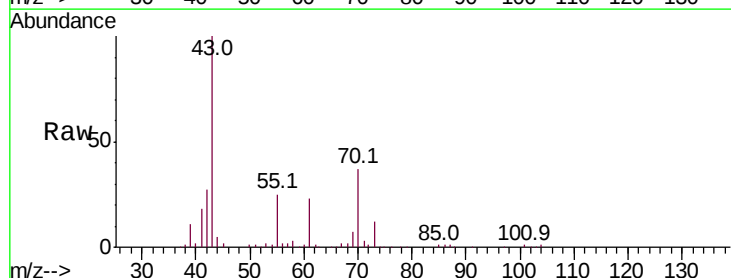
Ion Ratio Lower Upper

43 100

70 36.1 29.6 44.4

55 24.1 18.4 27.6

61 22.1 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

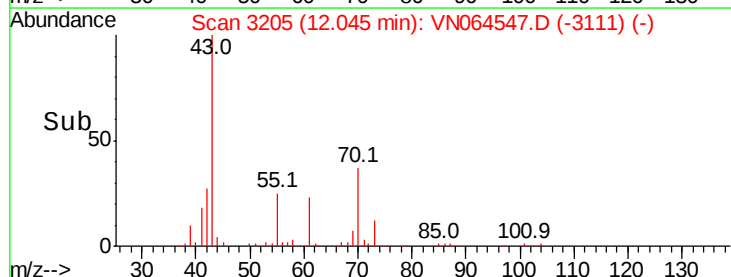
40000

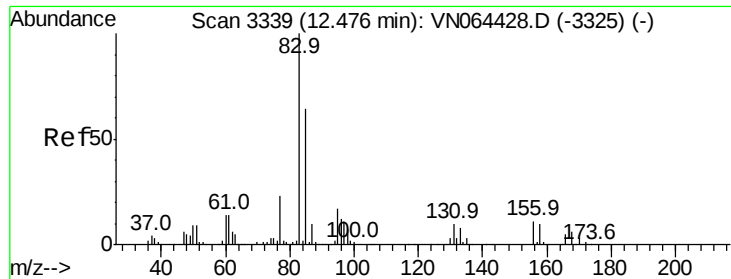
20000

0

12.00 12.04 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.537 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

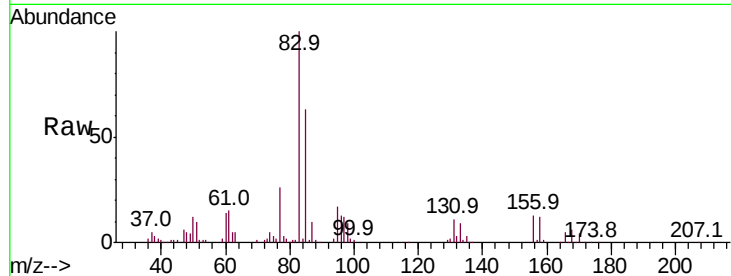
Tot Ion: 83 Resp: 102729

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.7
85	64.6	32.1	96.5

83 100

131 10.7 4.9 14.7

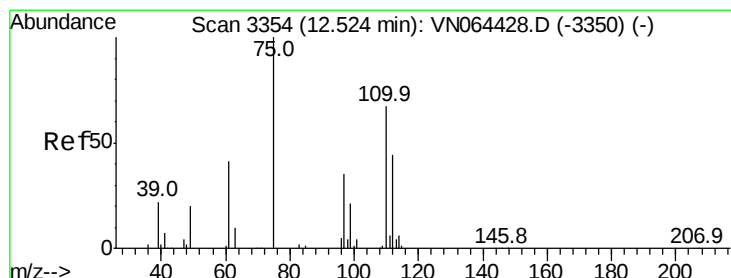
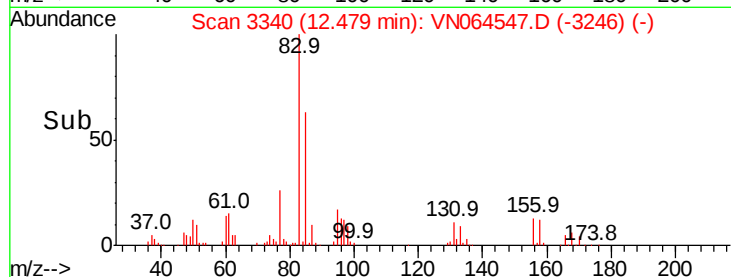
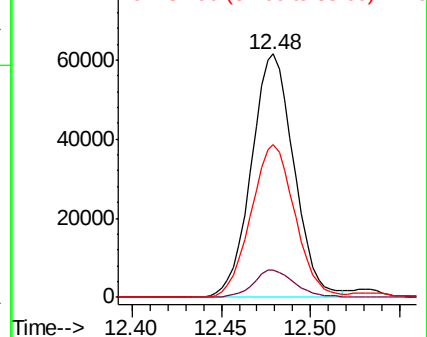
85 64.6 32.1 96.5



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) (-)



#76

1,2,3-Trichloropropane

Concen: 25.481 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064547.D

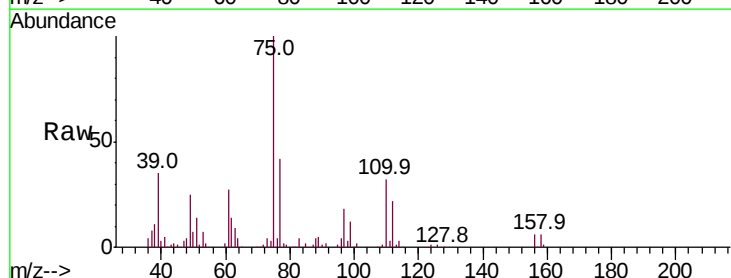
Acq: 11 Nov 2020 11:55

Tgt Ion: 75 Resp: 140147

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

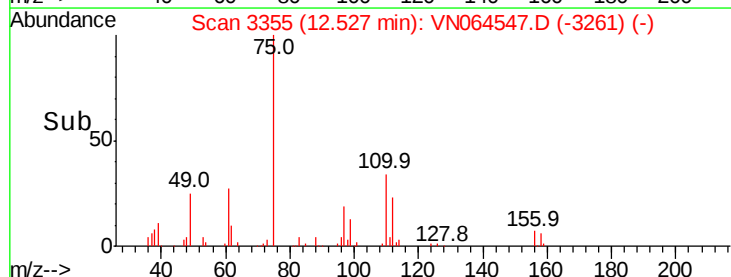
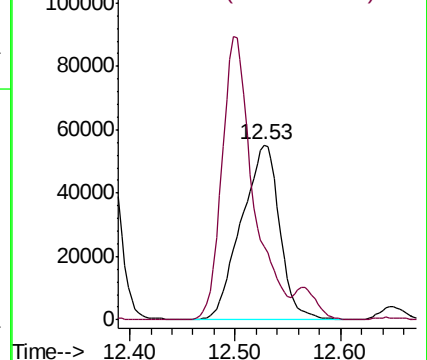
75 100

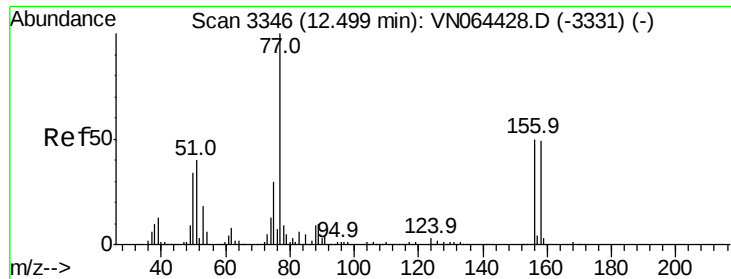
77 0.0 0.0 0.0



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

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

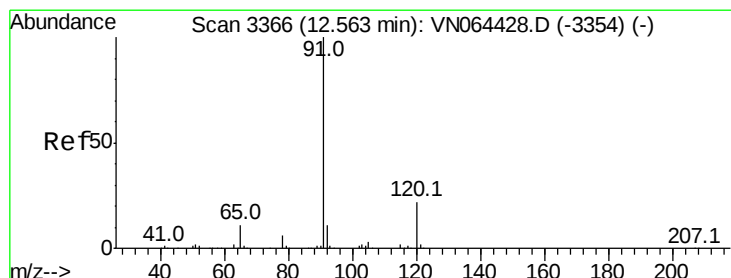
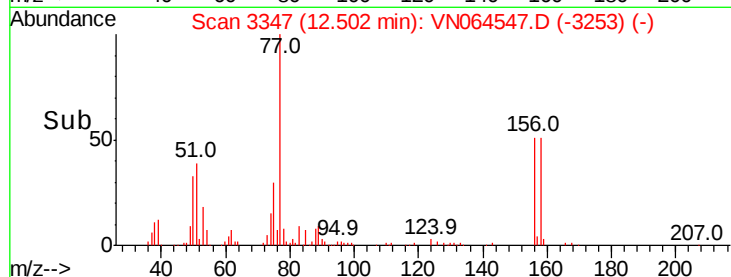
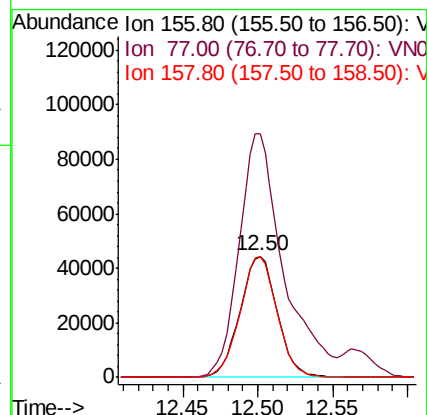
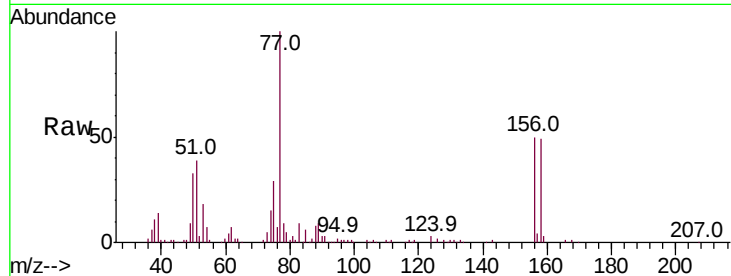




#77
Bromobenzene
Concen: 17.486 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

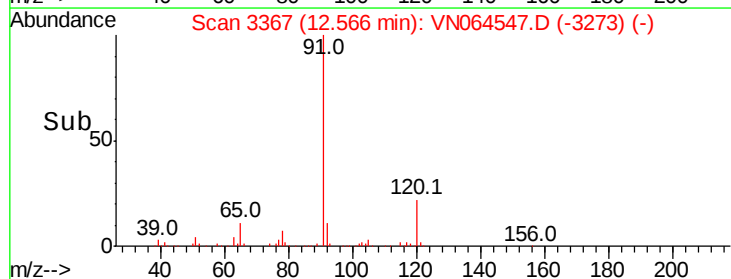
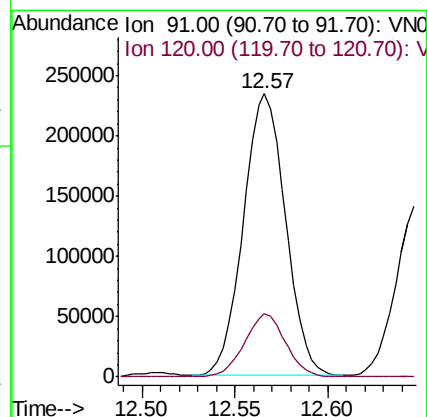
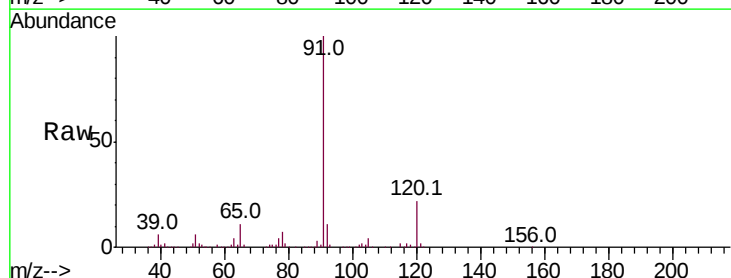
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

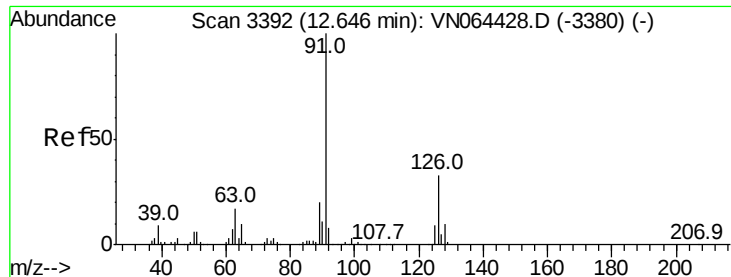
Tot Ion:156 Resp: 77027
Ion Ratio Lower Upper
156 100
77 240.1 119.0 357.0
158 98.7 48.4 145.3



#78
n-propylbenzene
Concen: 18.016 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 91 Resp: 370585
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 17.971 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

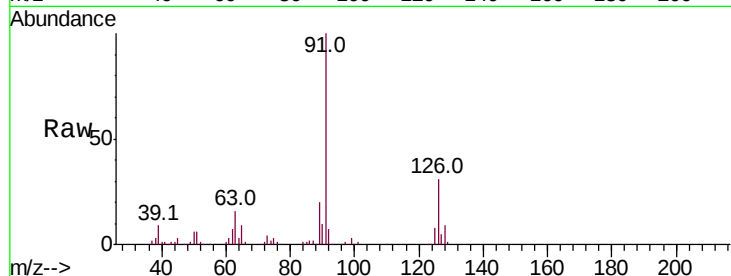
VN1111WBS01

Tot Ion: 91 Resp: 234449

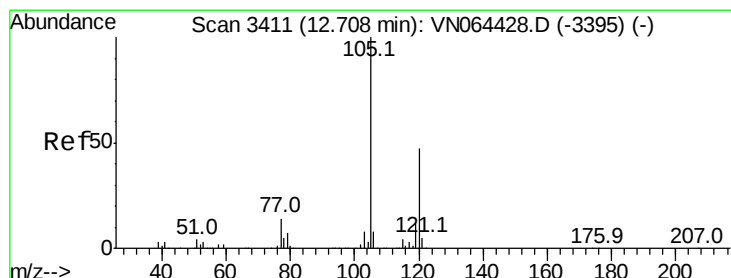
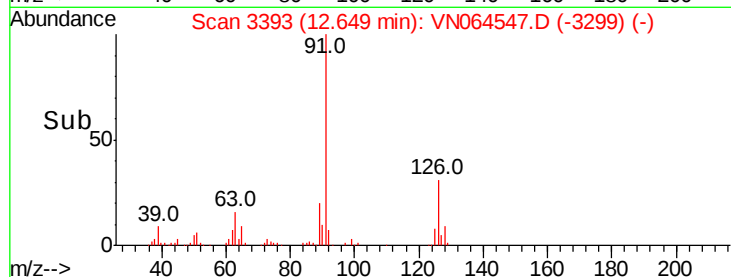
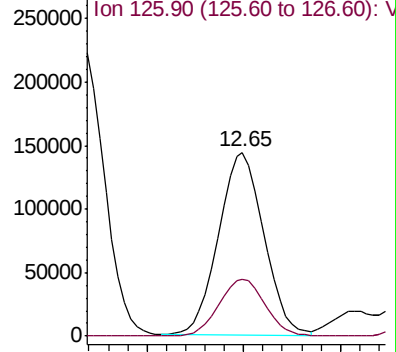
Ion Ratio Lower Upper

91 100

126 31.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.261 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064547.D

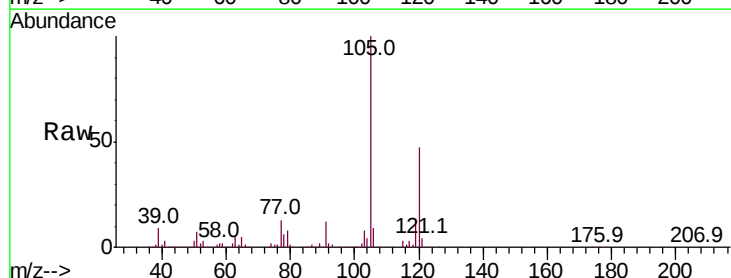
Acq: 11 Nov 2020 11:55

Tgt Ion:105 Resp: 271809

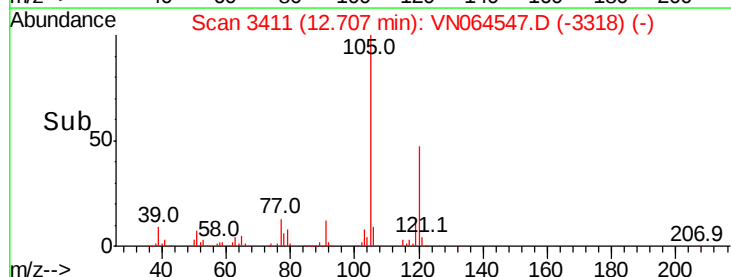
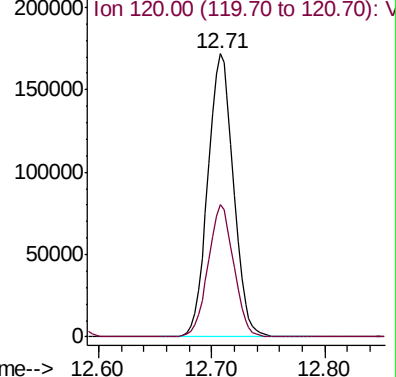
Ion Ratio Lower Upper

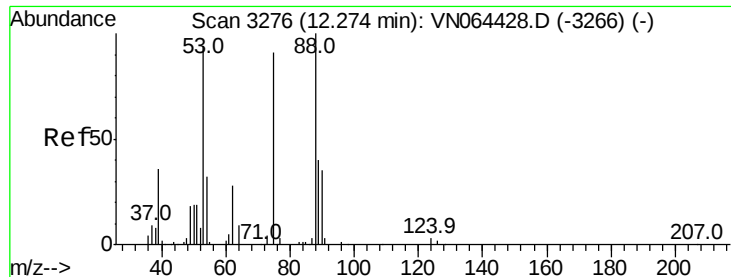
105 100

120 46.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.089 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

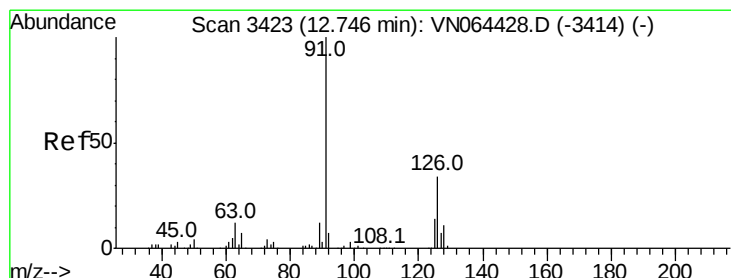
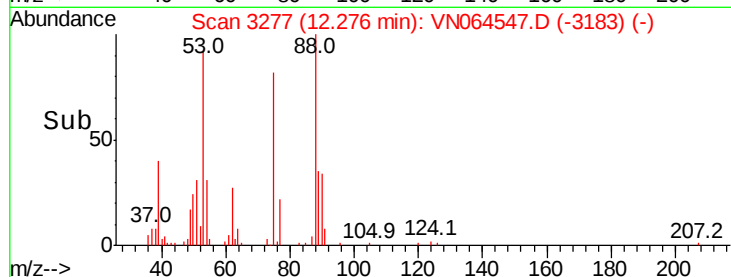
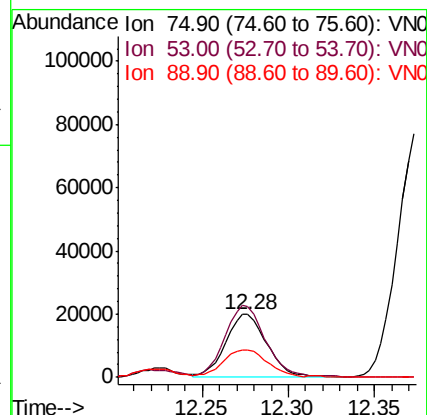
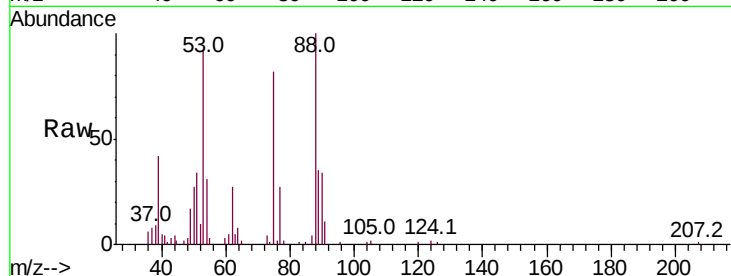
Tot Ion: 75 Resp: 33662

Ion Ratio Lower Upper

75 100

53 110.5 84.0 126.0

89 44.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.918 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064547.D

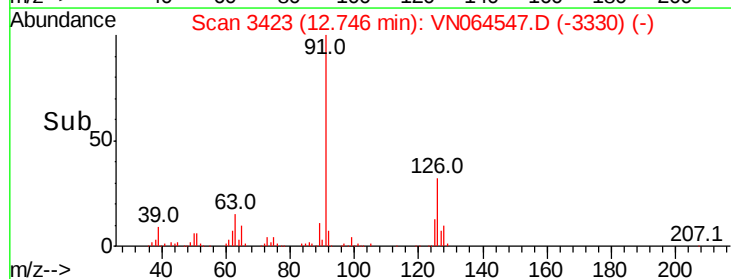
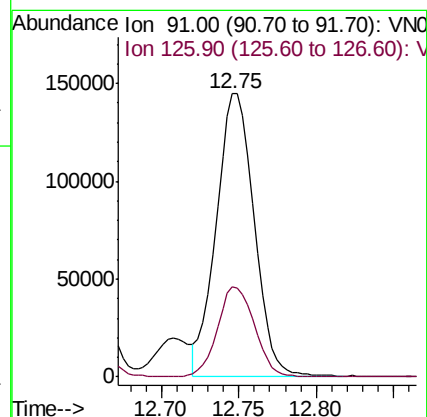
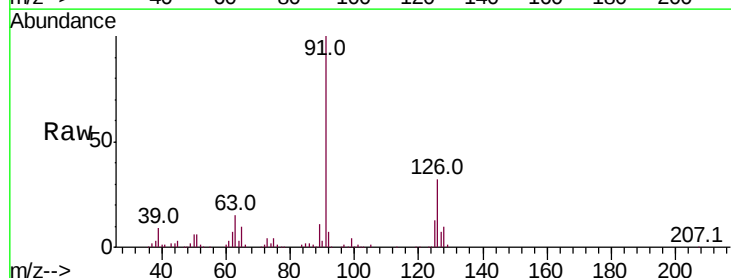
Acq: 11 Nov 2020 11:55

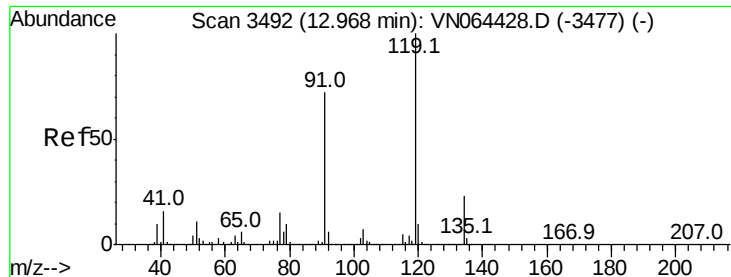
Tgt Ion: 91 Resp: 244816

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.2

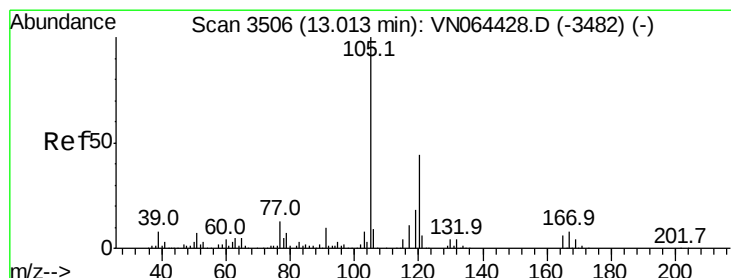
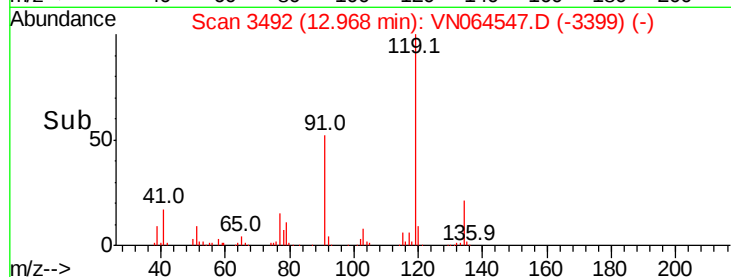
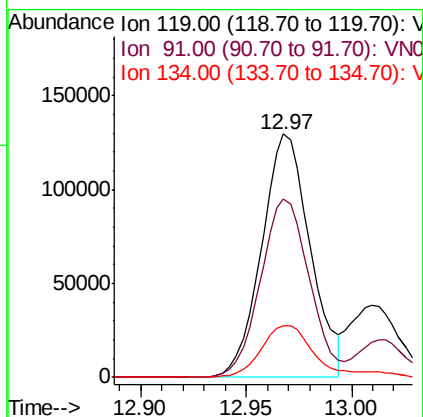
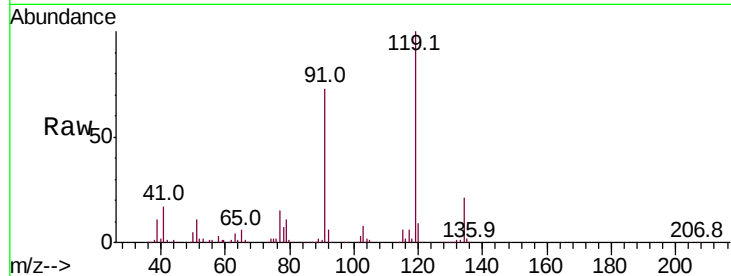




#83
tert-Butylbenzene
Concen: 17.848 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

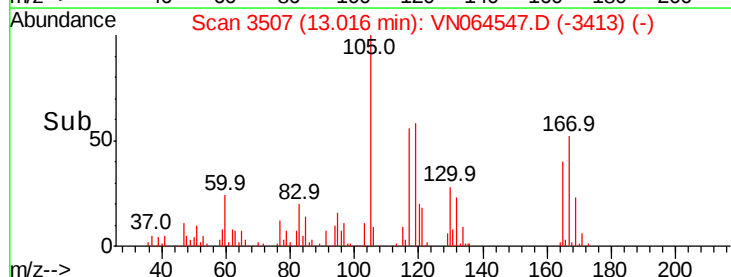
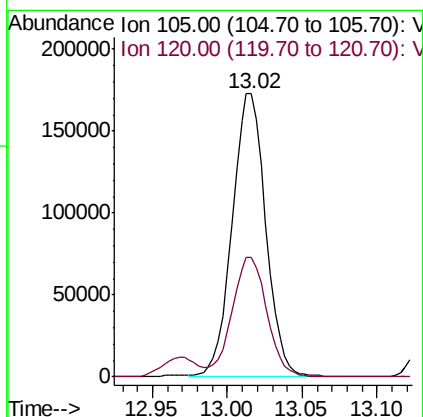
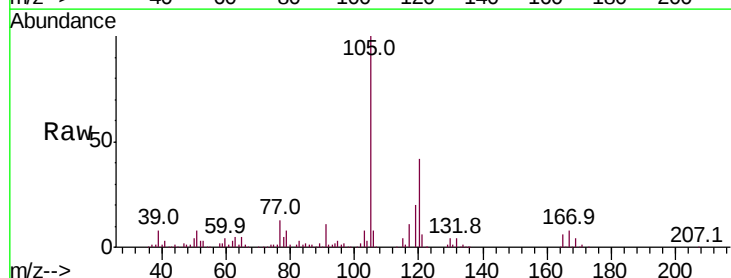
Instrument :
MSVOA_N
ClientSampled :
VN1111WBS01

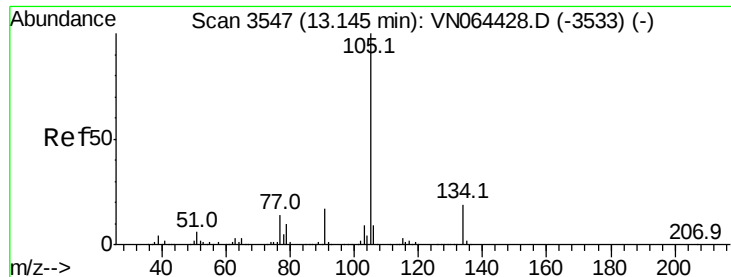
Tot Ion:119 Resp: 207487
Ion Ratio Lower Upper
119 100
91 73.8 36.1 108.3
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 17.935 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion:105 Resp: 268359
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.499 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

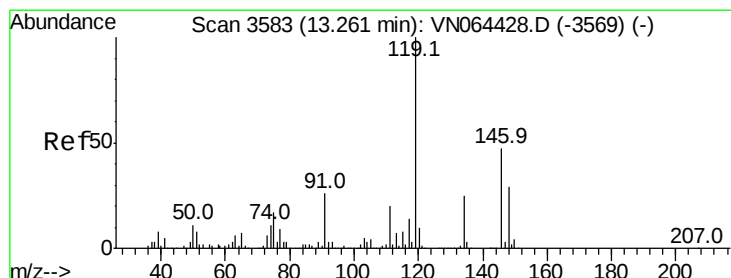
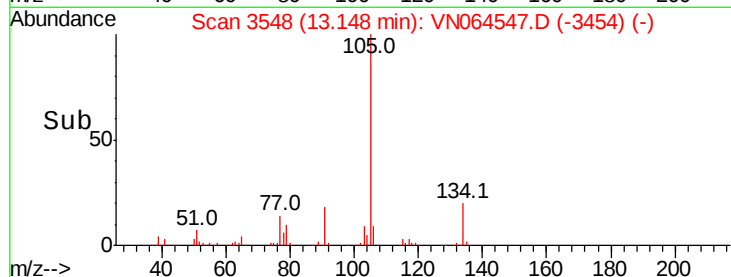
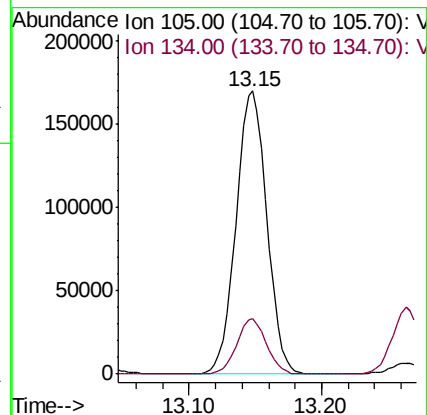
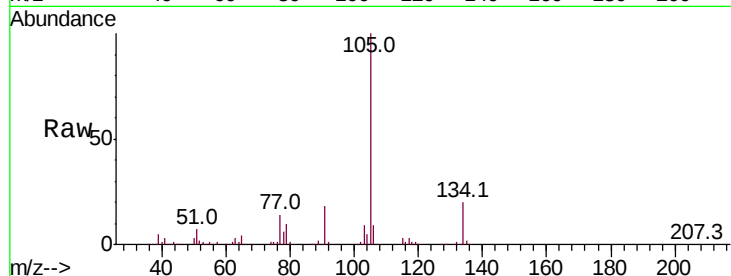
VN1111WBS01

Tot Ion:105 Resp: 272356

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.536 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

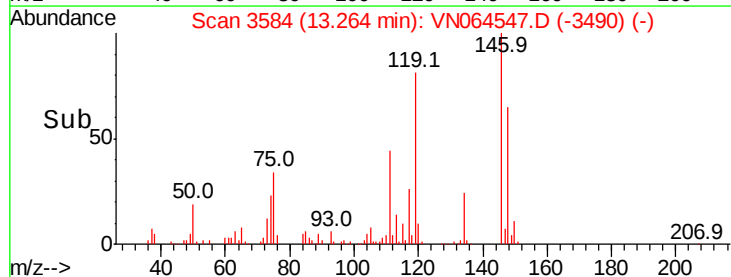
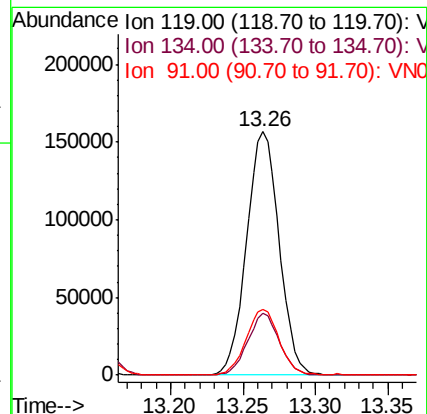
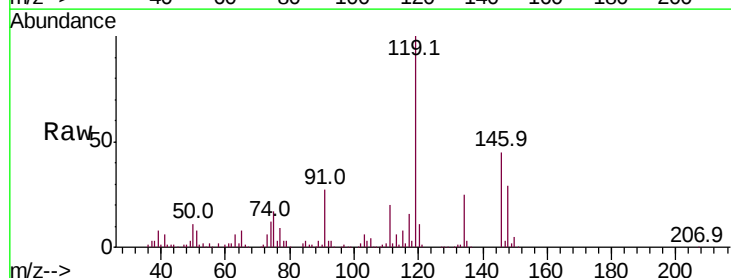
Tgt Ion:119 Resp: 245469

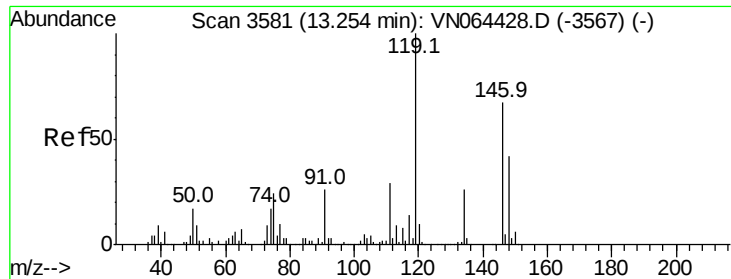
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.6

91 26.9 12.8 38.3

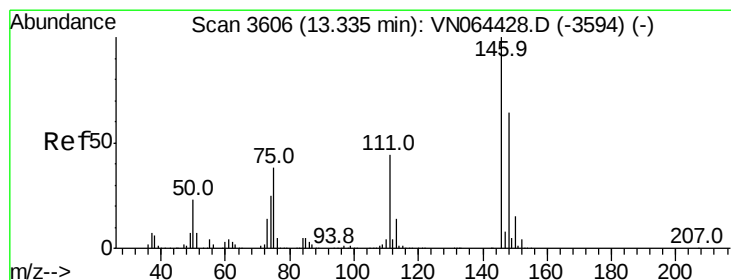
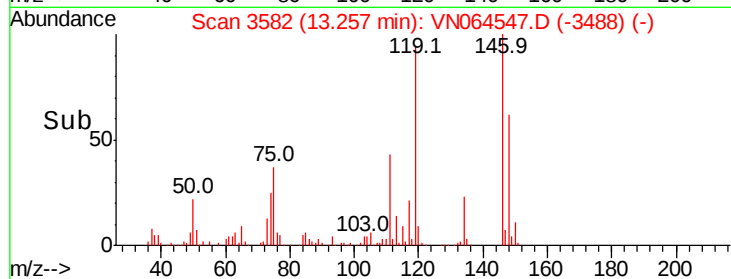
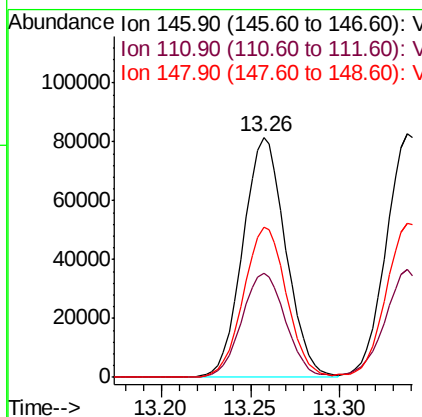
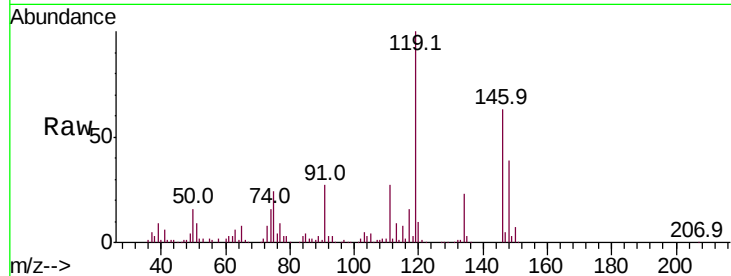




#87
 1,3-Dichlorobenzene
 Concen: 17.977 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

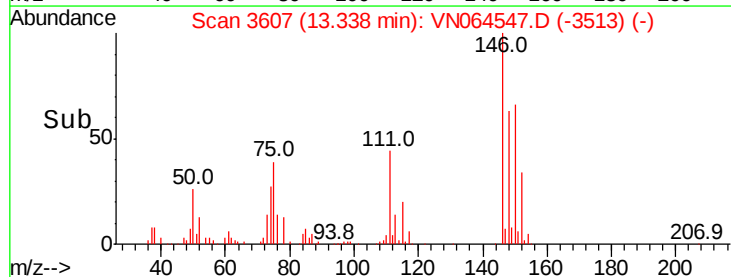
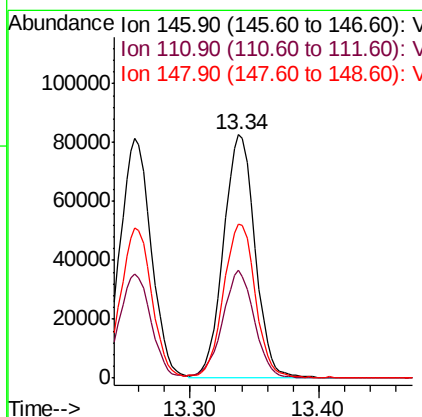
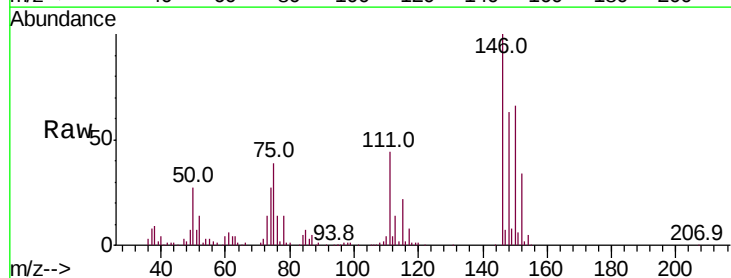
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

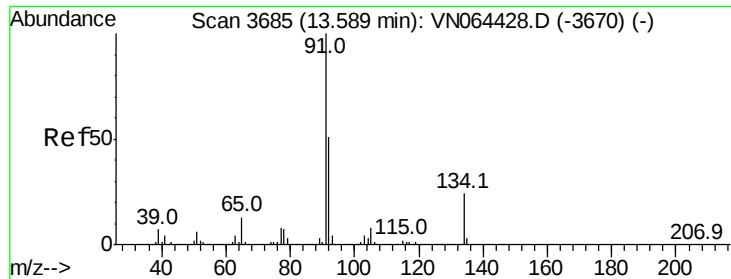
Tot Ion:146 Resp: 136889
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.1
 148 63.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.775 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion:146 Resp: 139872
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.8 65.3
 148 63.9 32.4 97.2

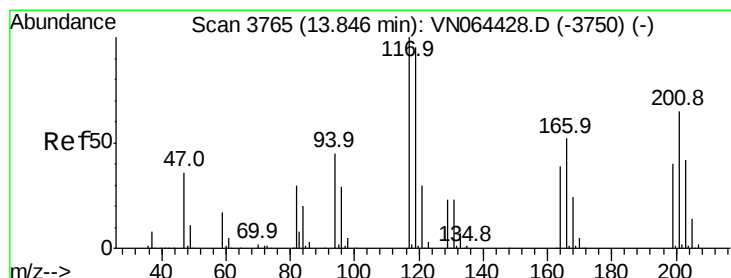
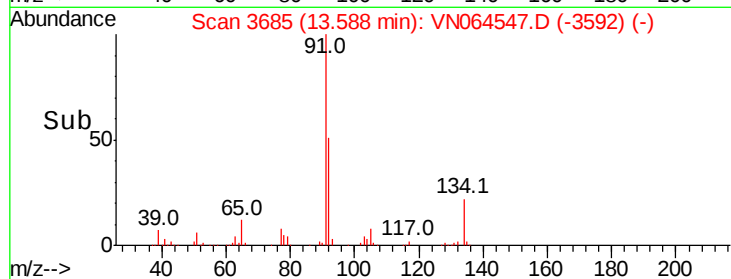
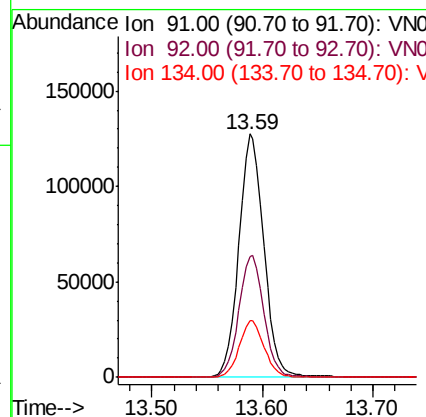
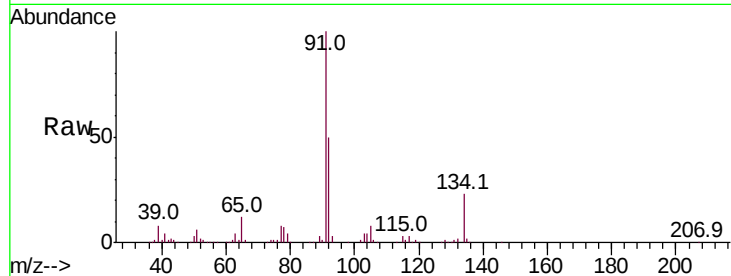




#89
n-Butylbenzene
Concen: 17.660 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

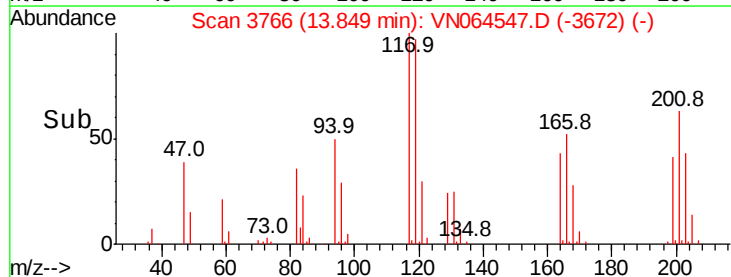
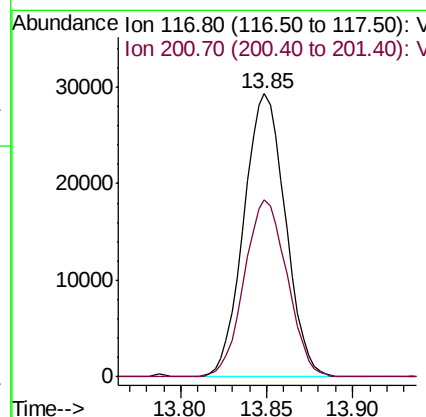
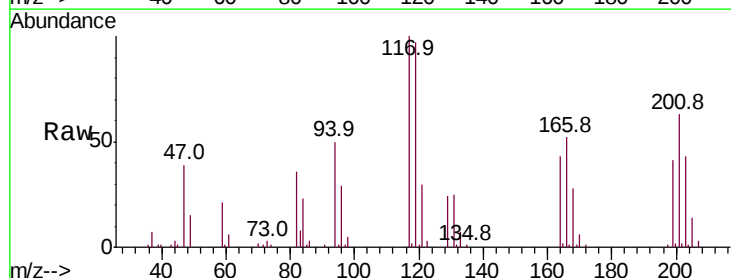
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

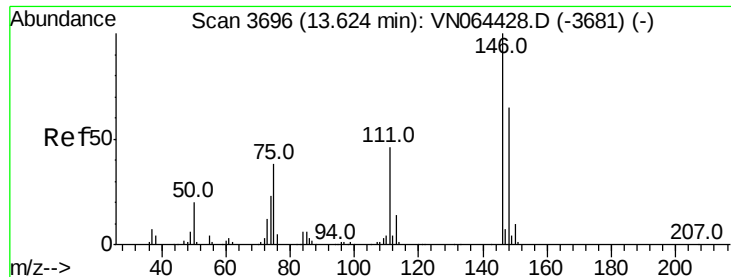
Tot Ion: 91 Resp: 201075
Ion Ratio Lower Upper
91 100
92 50.3 25.3 75.9
134 23.0 11.8 35.4



#90
Hexachloroethane
Concen: 19.336 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064547.D
Acq: 11 Nov 2020 11:55

Tgt Ion: 117 Resp: 49395
Ion Ratio Lower Upper
117 100
201 64.2 32.5 97.5

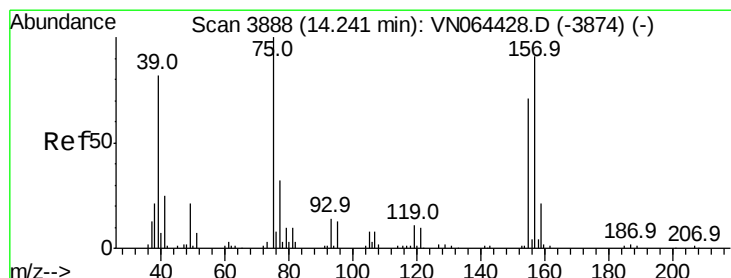
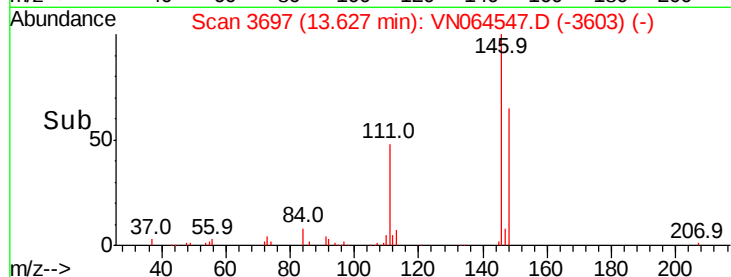
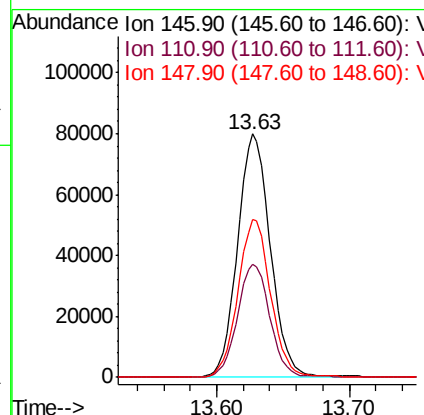
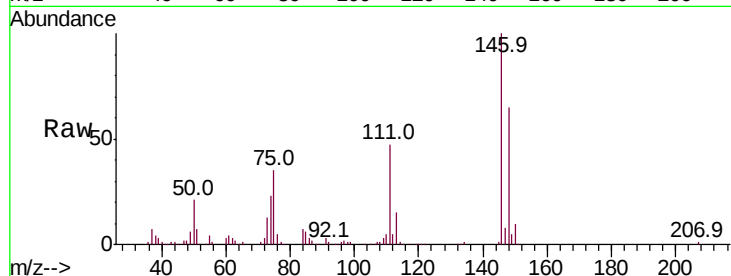




#91
 1,2-Dichlorobenzene
 Concen: 18.719 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

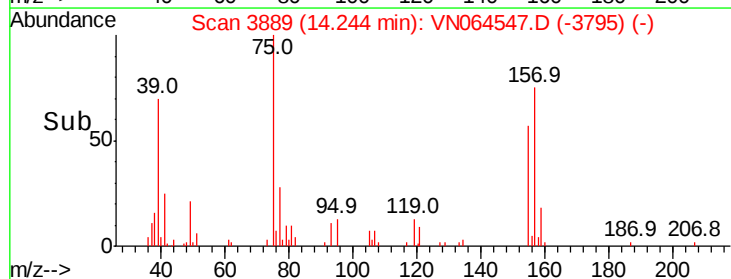
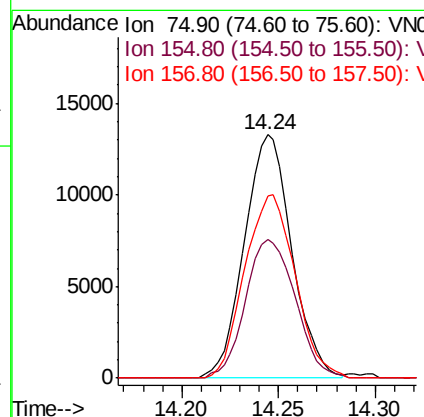
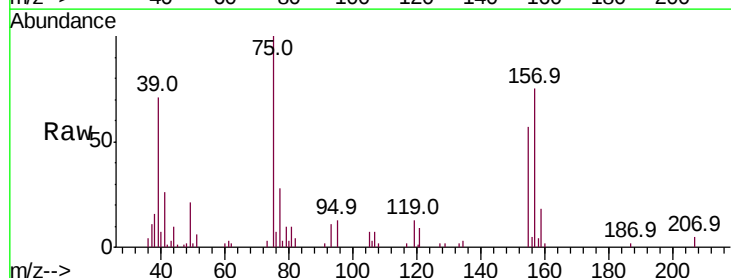
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

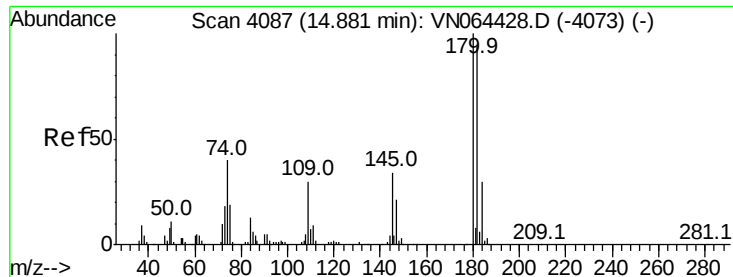
Tot Ion:146 Resp: 137107
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.9 68.7
 148 64.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.507 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion: 75 Resp: 22627
 Ion Ratio Lower Upper
 75 100
 155 59.9 34.6 103.9
 157 80.0 43.0 128.8

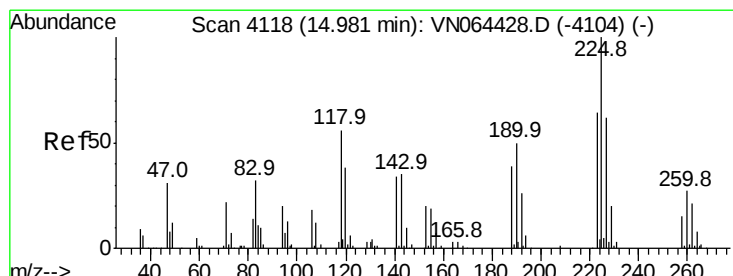
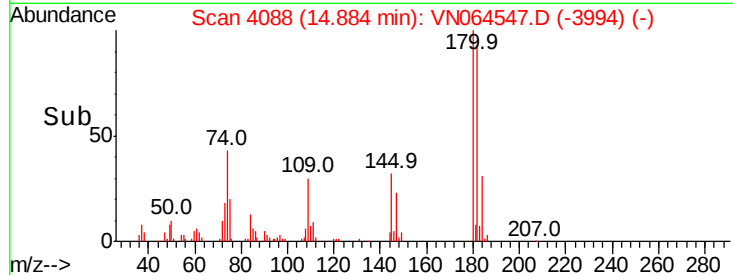
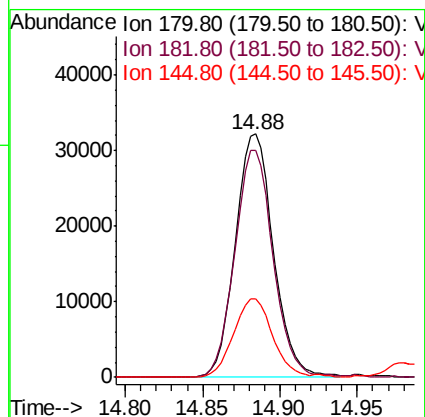
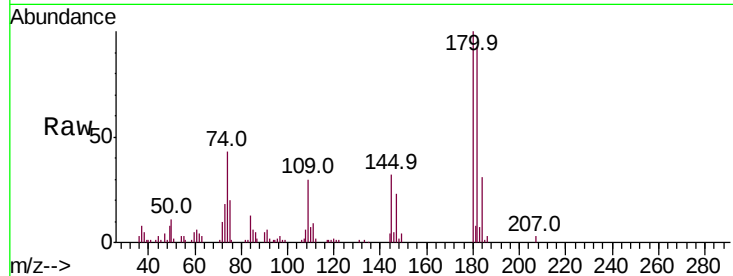




#93
 1,2,4-Trichlorobenzene
 Concen: 16.982 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

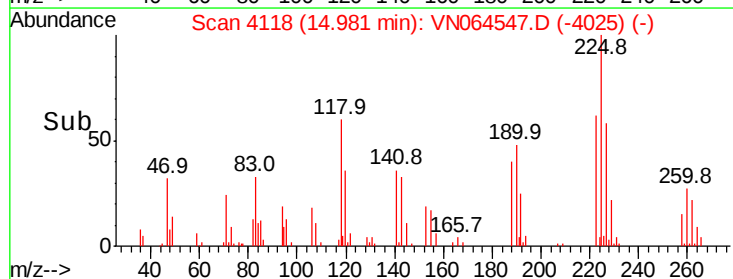
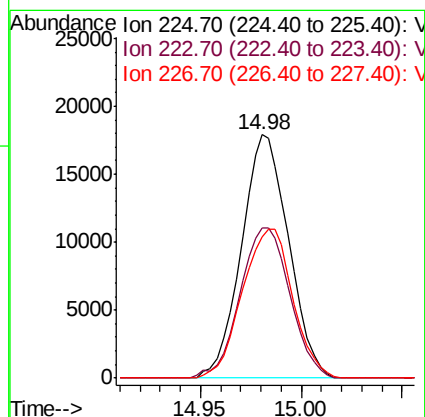
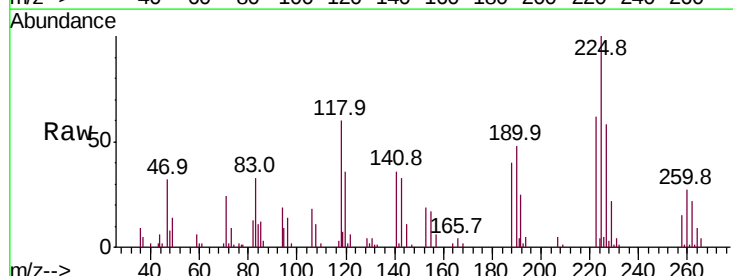
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

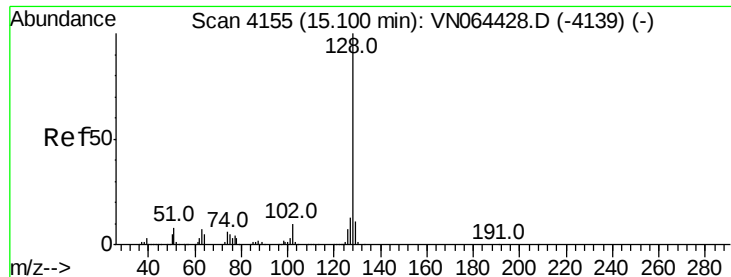
Tot Ion:180 Resp: 55089
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 142.0
 145 33.3 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 19.668 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064547.D
 Acq: 11 Nov 2020 11:55

Tgt Ion:225 Resp: 29331
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.8 95.4
 227 65.4 31.8 95.4





#95

Naphthalene

Concen: 15.818 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

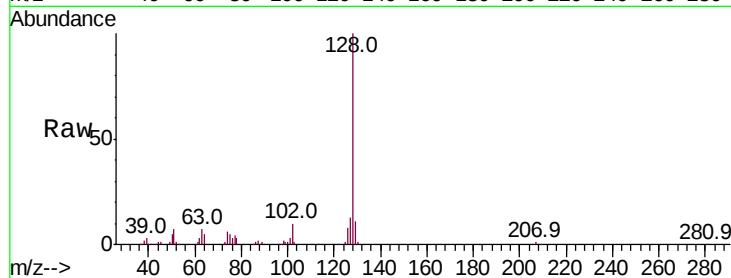
Tot Ion:128 Resp: 163696

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

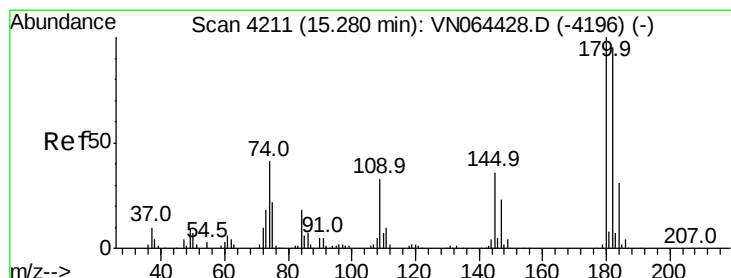
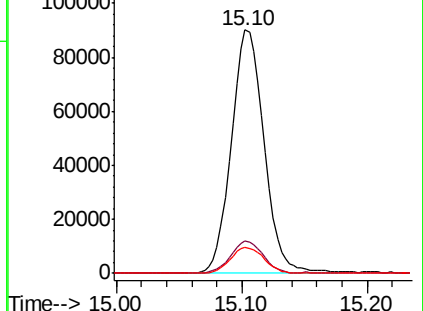
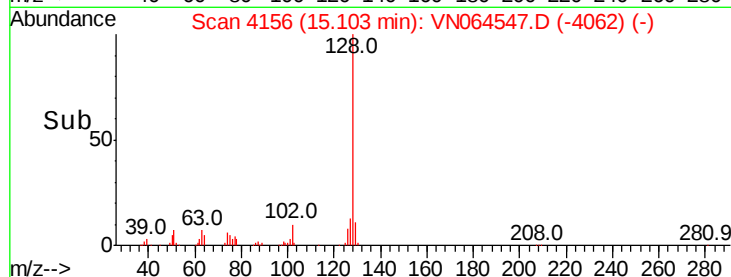
129 11.0 8.8 13.2



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: 17.829 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064547.D

Acq: 11 Nov 2020 11:55

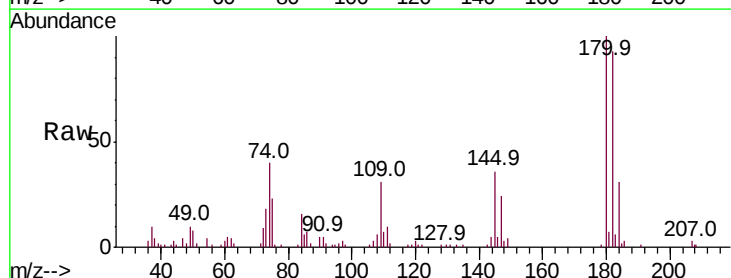
Tgt Ion:180 Resp: 56165

Ion Ratio Lower Upper

180 100

182 90.0 47.7 143.1

145 36.7 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

