

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064523.D
 Acq On : 10 Nov 2020 14:11
 Operator : JC/MD
 Sample : VN1110WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

Quant Time: Nov 11 01:47:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	301608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	268176	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.55	113	183641	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.06	98	685108	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.38	95	250514	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	74589	18.998	ug/l	100
3) Chloromethane	2.04	50	86289	18.094	ug/l	98
4) Vinyl Chloride	2.17	62	92509	18.890	ug/l	98
5) Bromomethane	2.54	94	58598	18.730	ug/l	95
6) Chloroethane	2.68	64	60553	19.313	ug/l	96
7) Trichlorofluoromethane	2.99	101	146397	20.302	ug/l	94
8) Diethyl Ether	3.38	74	50812	19.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	66959	19.554	ug/l	99
10) Methyl Iodide	3.91	142	73035	18.355	ug/l #	96
11) Tert butyl alcohol	4.75	59	50831	87.737	ug/l #	81
12) 1,1-Dichloroethene	3.69	96	58843	18.242	ug/l	96
13) Acrolein	3.57	56	33162	92.279	ug/l	97
14) Allyl chloride	4.28	41	110760	17.553	ug/l	98
15) Acrylonitrile	4.94	53	159034	98.595	ug/l	100
16) Acetone	3.78	43	183844	91.868	ug/l	99
17) Carbon Disulfide	4.01	76	176666	18.315	ug/l	99
18) Methyl Acetate	4.29	43	73555	18.696	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	212422	18.298	ug/l	96
20) Methylene Chloride	4.51	84	75433	18.998	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	66620	18.190	ug/l	99
22) Diisopropyl ether	5.91	45	249904	18.657	ug/l	97
23) Vinyl Acetate	5.85	43	999722	91.748	ug/l	98
24) 1,1-Dichloroethane	5.80	63	140910	19.145	ug/l	100
25) 2-Butanone	6.79	43	236601	92.793	ug/l	97
26) 2,2-Dichloropropane	6.78	77	127867	19.191	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	78437	18.482	ug/l	99
28) Bromochloromethane	7.15	49	67551	18.672	ug/l	98
29) Tetrahydrofuran	7.17	42	145404	92.949	ug/l	100
30) Chloroform	7.33	83	148773	19.229	ug/l	98
31) Cyclohexane	7.61	56	109315	17.117	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	133703	19.484	ug/l	99
36) 1,1-Dichloropropene	7.75	75	104613	18.532	ug/l	98
37) Ethyl Acetate	6.89	43	98944	17.769	ug/l	100
38) Carbon Tetrachloride	7.74	117	115798	19.194	ug/l	97

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 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	88413	17.472	ug/l	93
40) Benzene	8.00	78	303941	18.323	ug/l	99
41) Methacrylonitrile	7.14	41	50395	20.137	ug/l #	84
42) 1,2-Dichloroethane	8.09	62	129847	19.397	ug/l	100
43) Isopropyl Acetate	8.13	43	165585	18.101	ug/l	99
44) Trichloroethene	8.80	130	75718	18.093	ug/l	100
45) 1,2-Dichloropropane	9.08	63	83442	18.853	ug/l	97
46) Dibromomethane	9.18	93	55914	19.191	ug/l	99
47) Bromodichloromethane	9.37	83	121322	19.366	ug/l	98
48) Methyl methacrylate	9.17	41	84111	18.221	ug/l	99
49) 1,4-Dioxane	9.17	88	21845	359.287	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	508062	95.234	ug/l	100
52) Toluene	10.13	92	188011	18.584	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	124006	18.671	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	131405	18.505	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	74723	18.938	ug/l	95
56) Ethyl methacrylate	10.40	69	102760	17.088	ug/l	99
57) 1,3-Dichloropropane	10.68	76	130027	18.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	272944	102.853	ug/l	99
59) 2-Hexanone	10.72	43	363073	86.143	ug/l	98
60) Dibromochloromethane	10.87	129	87077	19.712	ug/l	99
61) 1,2-Dibromoethane	10.98	107	77546	19.376	ug/l	96
64) Tetrachloroethene	10.60	164	71714	18.390	ug/l	97
65) Chlorobenzene	11.41	112	200231	18.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	78918	19.061	ug/l	98
67) Ethyl Benzene	11.49	91	348707	17.664	ug/l	99
68) m/p-Xylenes	11.59	106	256948	35.891	ug/l	96
69) o-Xylene	11.92	106	119962	17.341	ug/l	95
70) Styrene	11.94	104	209501	17.997	ug/l	99
71) Bromoform	12.10	173	54317	18.302	ug/l #	98
73) Isopropylbenzene	12.23	105	323340	18.052	ug/l	100
74) N-amyl acetate	12.05	43	137242	16.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	105595	19.194	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	146238	26.783	ug/l #	100
77) Bromobenzene	12.50	156	80294	18.361	ug/l	99
78) n-propylbenzene	12.57	91	374901	18.359	ug/l	99
79) 2-Chlorotoluene	12.65	91	235465	18.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	270383	18.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	32090	16.410	ug/l	88
82) 4-Chlorotoluene	12.75	91	247787	18.269	ug/l	99
83) tert-Butylbenzene	12.97	119	210608	18.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	273499	18.412	ug/l	99
85) sec-Butylbenzene	13.15	105	276729	18.933	ug/l	100
86) p-Isopropyltoluene	13.26	119	245243	18.654	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	139384	18.439	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138974	17.790	ug/l	98
89) n-Butylbenzene	13.59	91	212384	18.789	ug/l	98
90) Hexachloroethane	13.85	117	48036	18.941	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	138420	19.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21729	19.838	ug/l	100

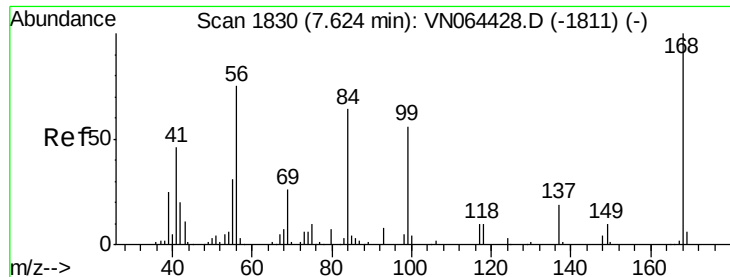
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55811	17.276	ug/l	98
94) Hexachlorobutadiene	14.98	225	32584	22.010	ug/l	99
95) Naphthalene	15.10	128	169331	16.331	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	58333	18.524	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

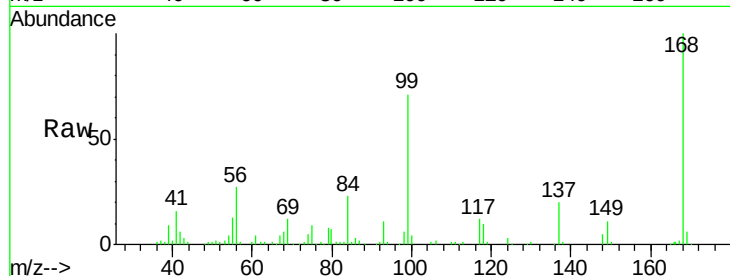
VN1110WBS02

Tot Ion:168 Resp: 301608

Ion Ratio Lower Upper

168 100

99 70.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

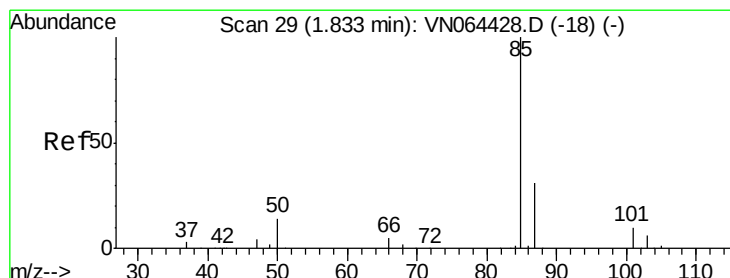
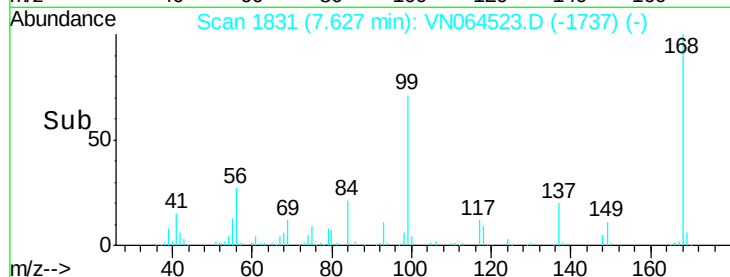
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.998 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064523.D

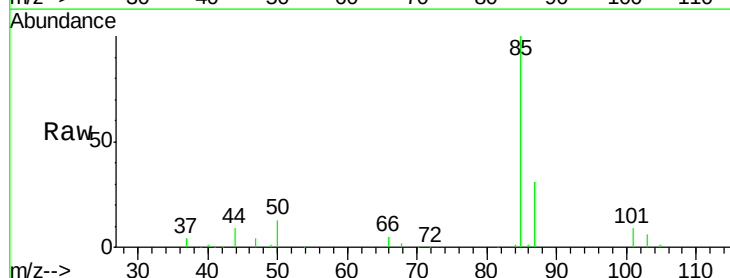
Acq: 10 Nov 2020 14:11

Tgt Ion: 85 Resp: 74589

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

60000

50000

40000

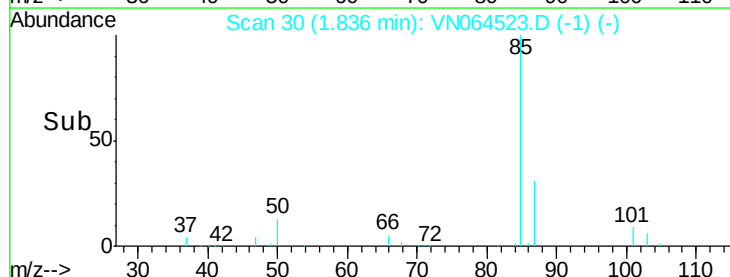
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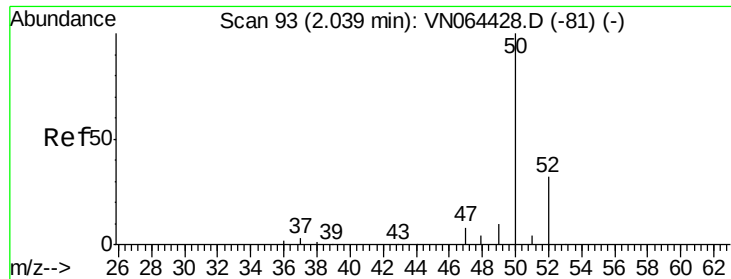
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.094 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

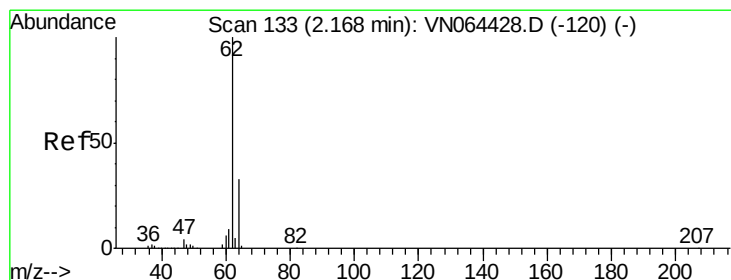
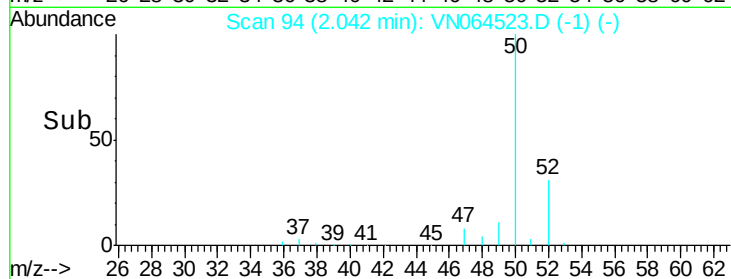
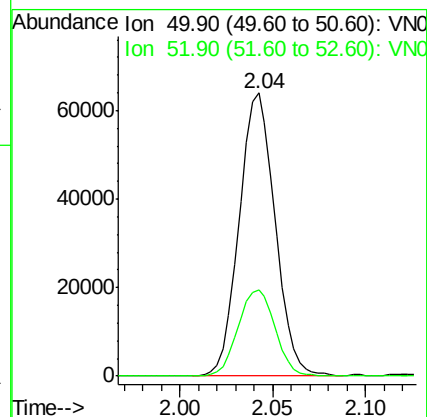
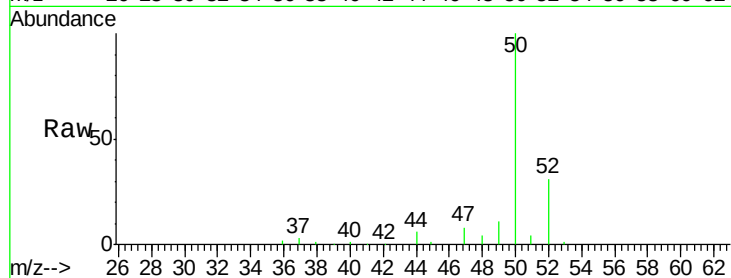
VN1110WBS02

Tot Ion: 50 Resp: 86289

Ion Ratio Lower Upper

50 100

52 30.5 25.3 37.9



#4

Vinyl Chloride

Concen: 18.890 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064523.D

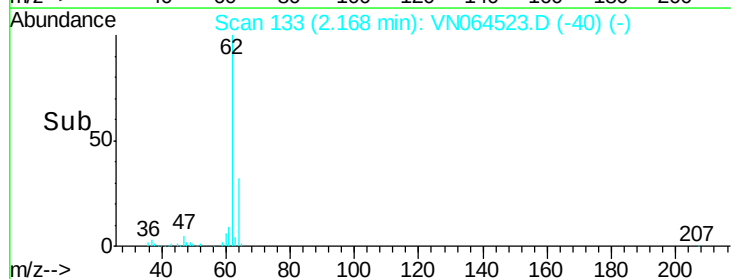
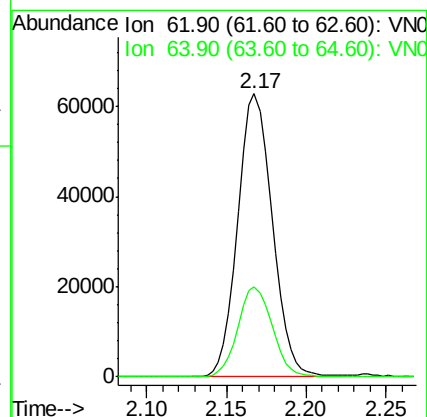
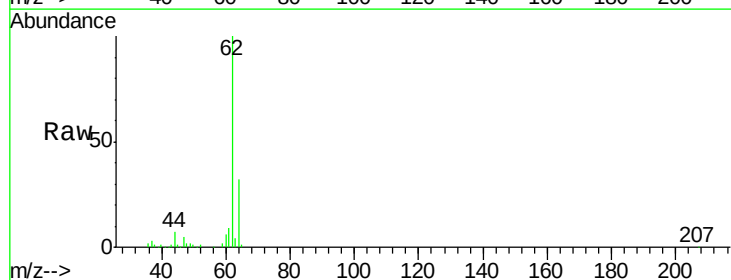
Acq: 10 Nov 2020 14:11

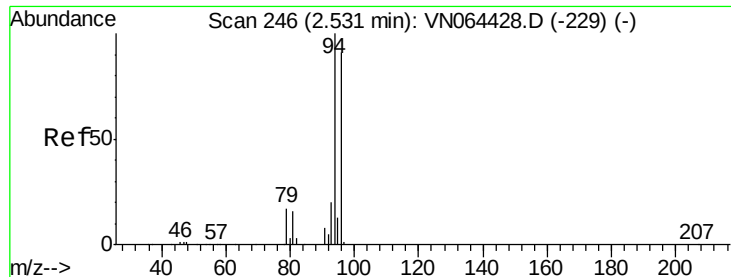
Tgt Ion: 62 Resp: 92509

Ion Ratio Lower Upper

62 100

64 31.7 26.3 39.5





#5

Bromomethane

Concen: 18.730 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

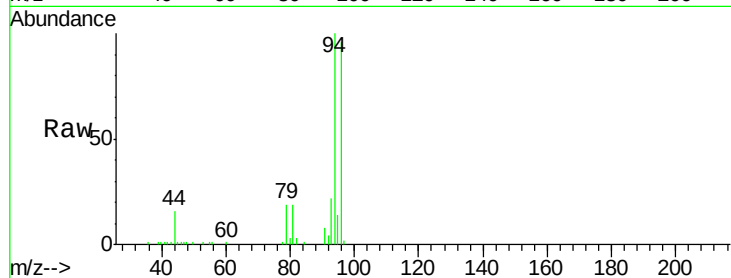
VN1110WBS02

Tot Ion: 94 Resp: 58598

Ion Ratio Lower Upper

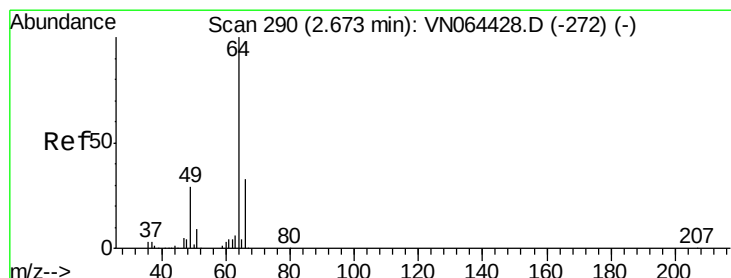
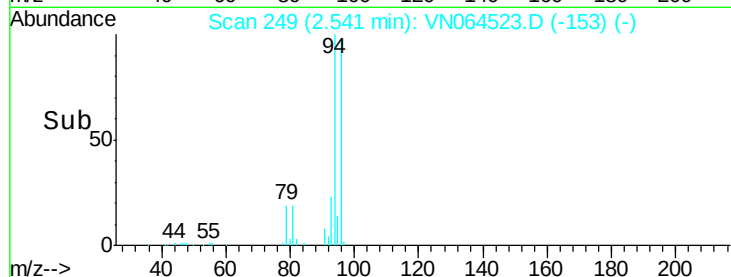
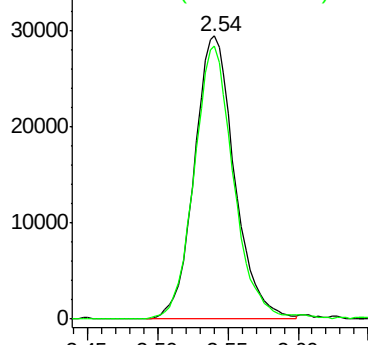
94 100

96 96.3 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.313 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064523.D

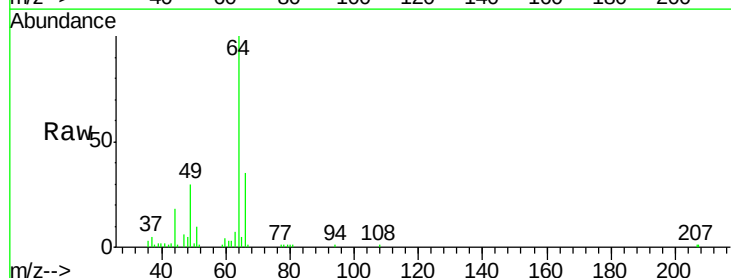
Acq: 10 Nov 2020 14:11

Tgt Ion: 64 Resp: 60553

Ion Ratio Lower Upper

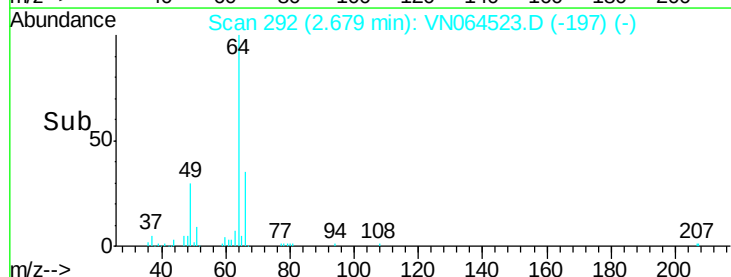
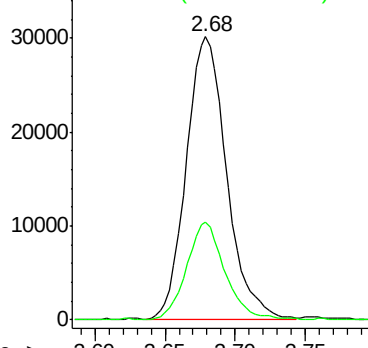
64 100

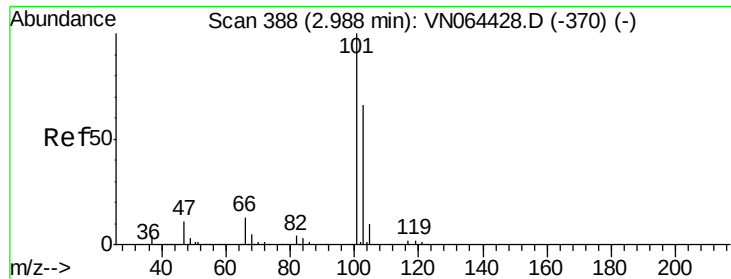
66 34.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



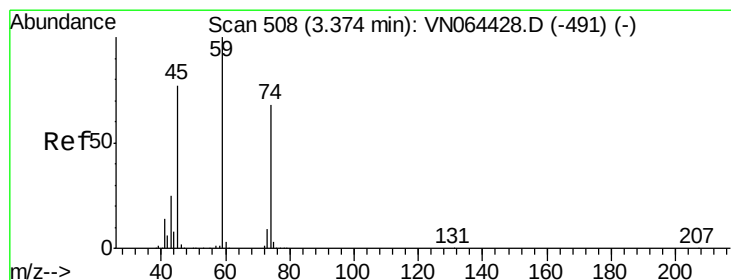
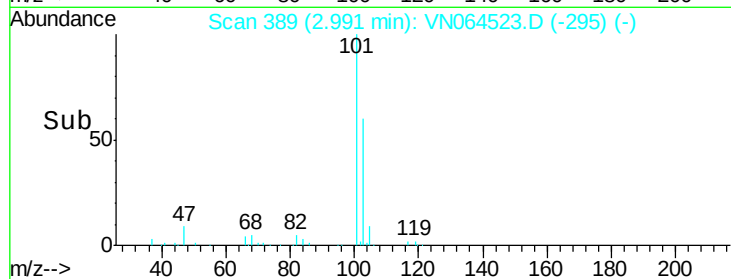
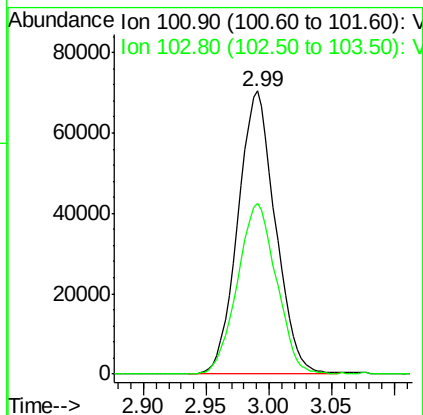
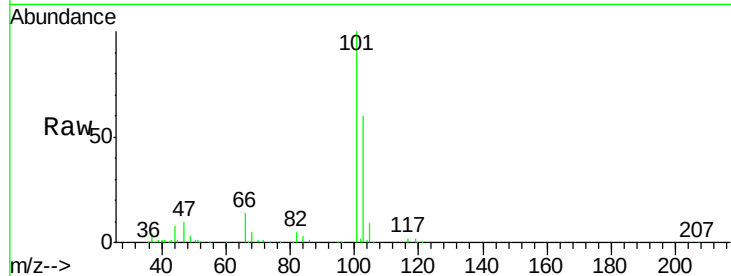


#7

Trichlorofluoromethane
Concen: 20.302 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

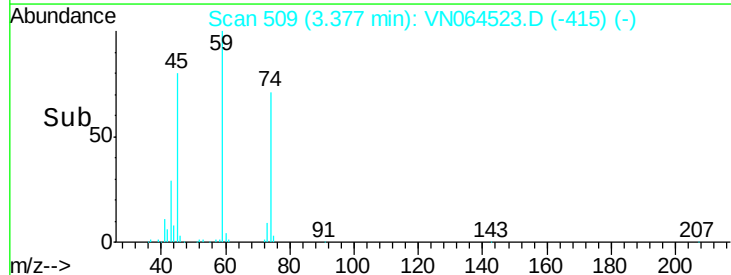
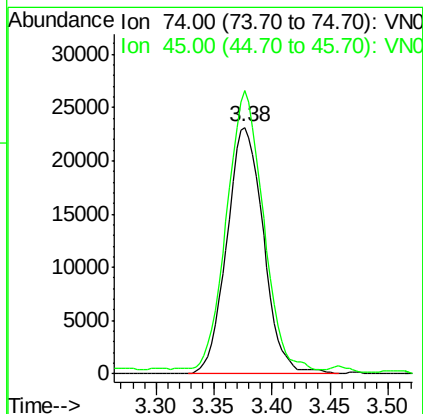
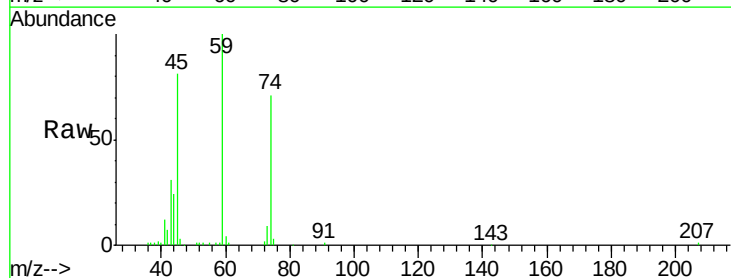
Tot Ion:101 Resp: 146397
Ion Ratio Lower Upper
101 100
103 60.4 52.4 78.6

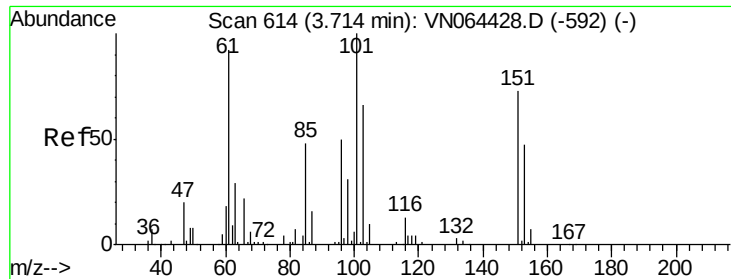


#8

Diethyl Ether
Concen: 19.953 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 74 Resp: 50812
Ion Ratio Lower Upper
74 100
45 112.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.554 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

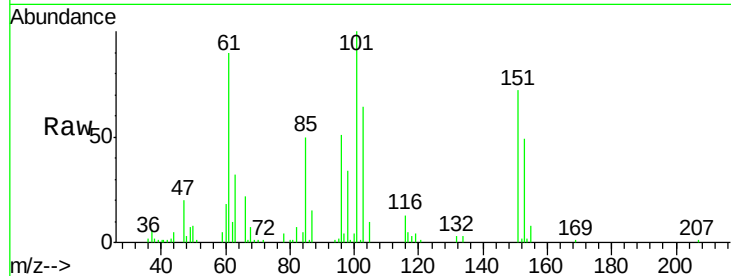
Tot Ion:101 Resp: 66959

Ion Ratio Lower Upper

101 100

85 48.1 38.6 57.8

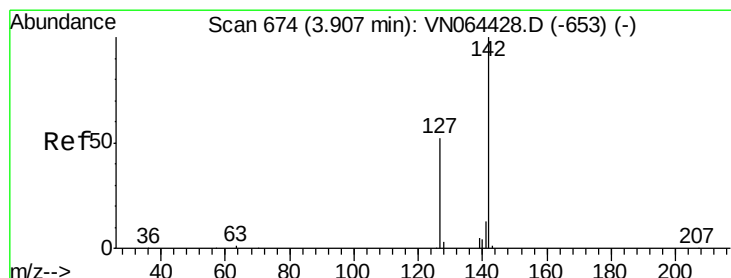
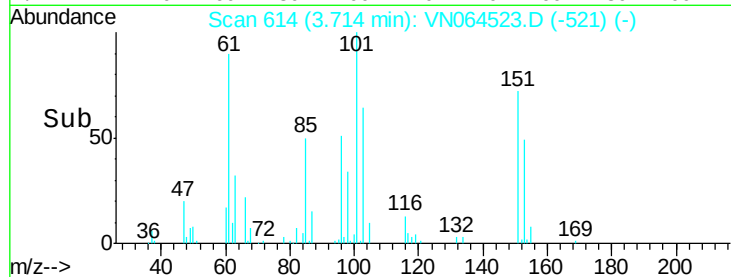
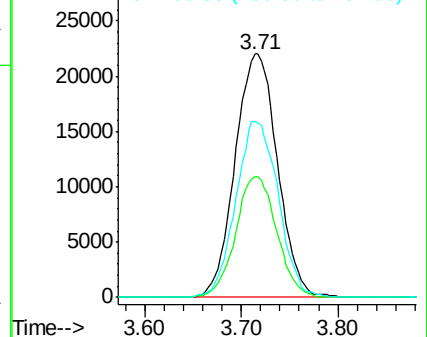
151 72.5 57.5 86.3



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: 18.355 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

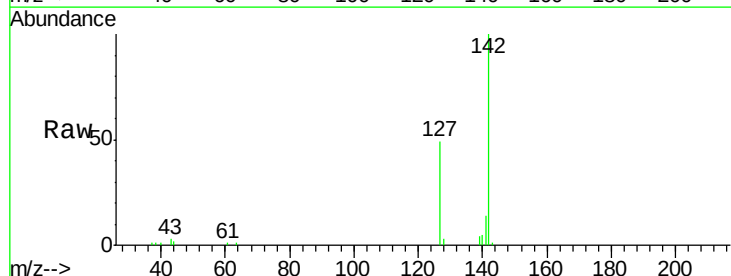
Tgt Ion:142 Resp: 73035

Ion Ratio Lower Upper

142 100

127 52.0 41.8 62.8

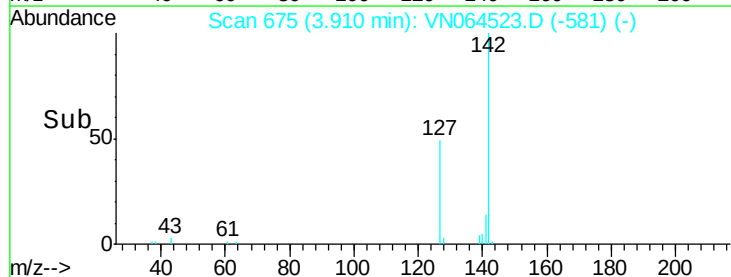
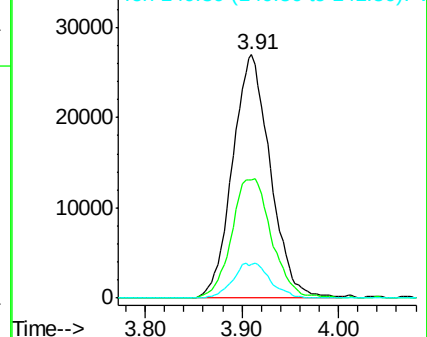
141 6.6 11.4 17.2#

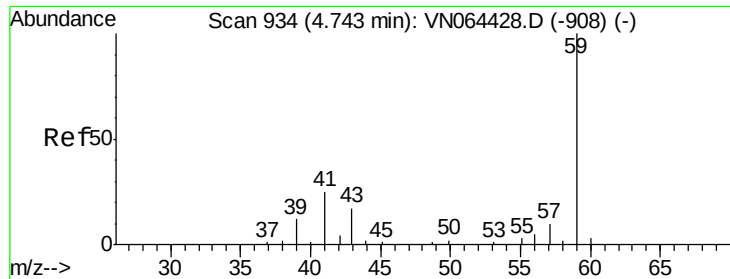


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



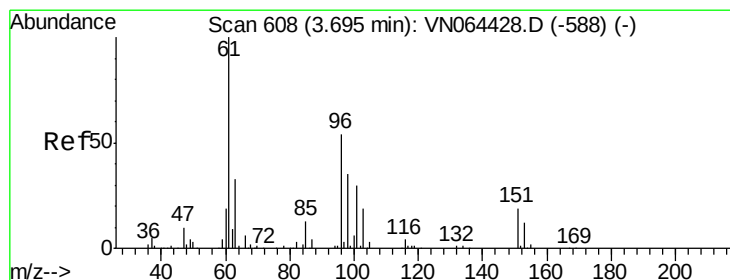
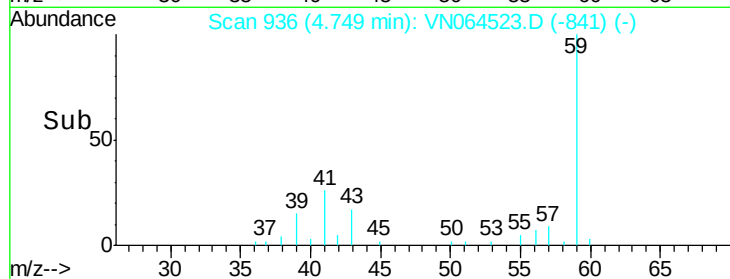
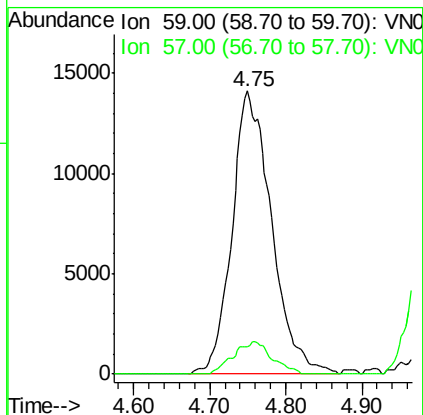
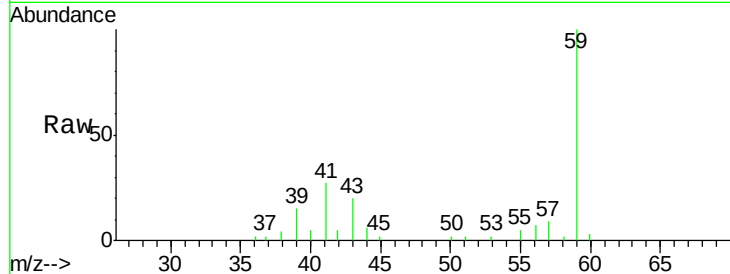


#11

Tert butyl alcohol
 Concen: 87.737 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

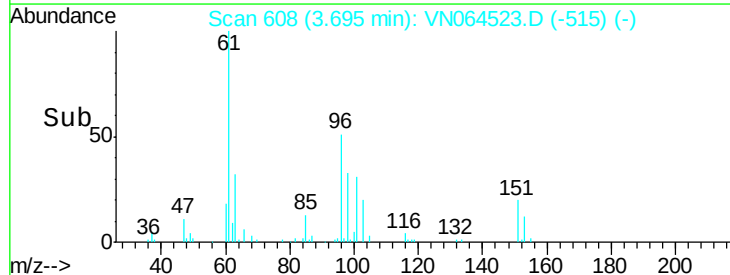
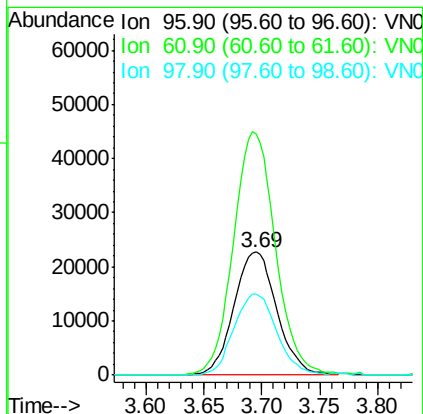
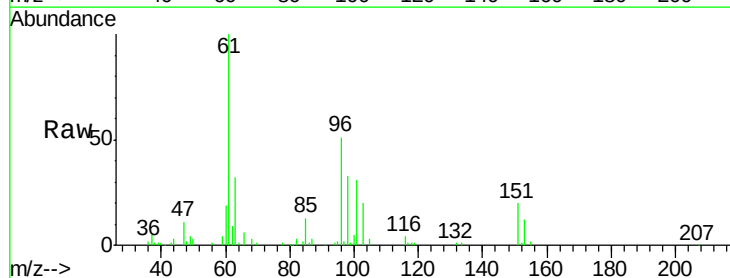
Tot Ion: 59 Resp: 50831
 Ion Ratio Lower Upper
 59 100
 57 4.1 9.0 13.4#

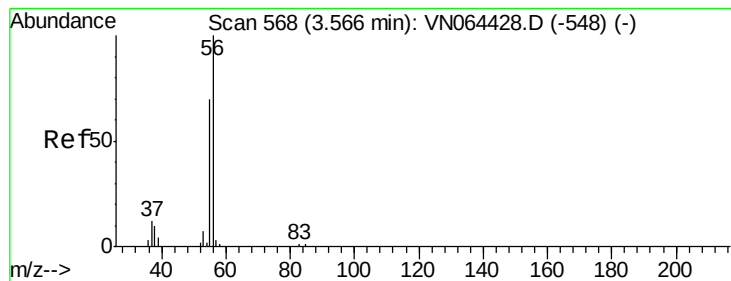


#12

1,1-Dichloroethene
 Concen: 18.242 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion: 96 Resp: 58843
 Ion Ratio Lower Upper
 96 100
 61 195.4 149.5 224.3
 98 65.7 52.4 78.6





#13

Acrolein

Concen: 92.279 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

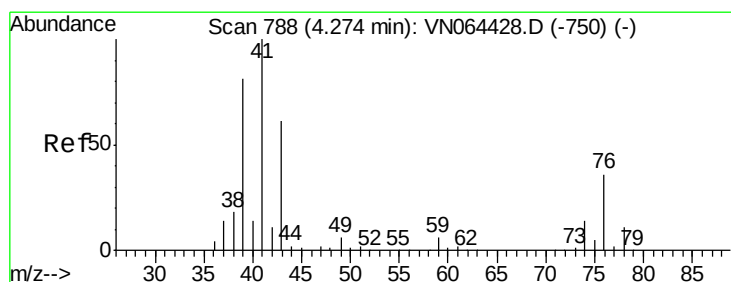
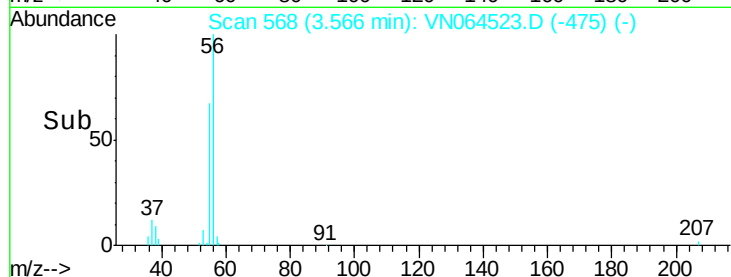
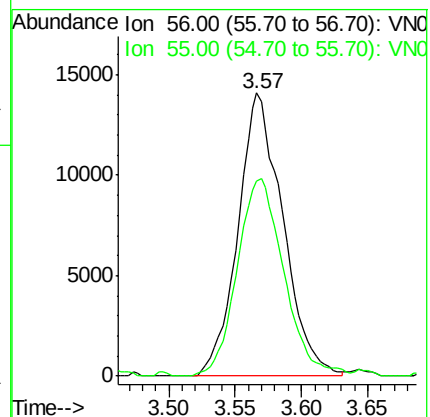
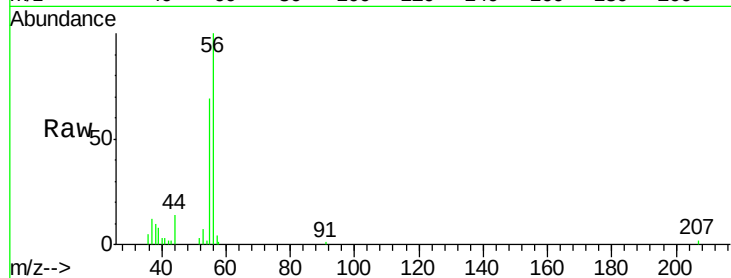
VN1110WBS02

Tot Ion: 56 Resp: 33162

Ion Ratio Lower Upper

56 100

55 72.7 55.9 83.9



#14

Allyl chloride

Concen: 17.553 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

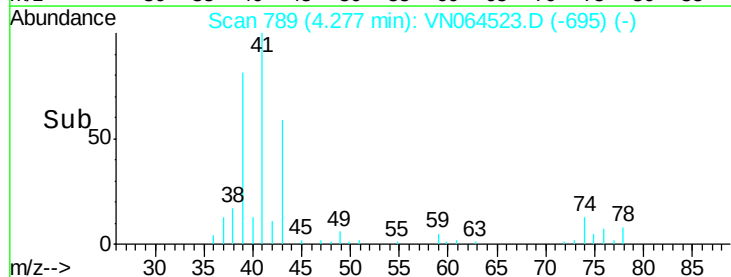
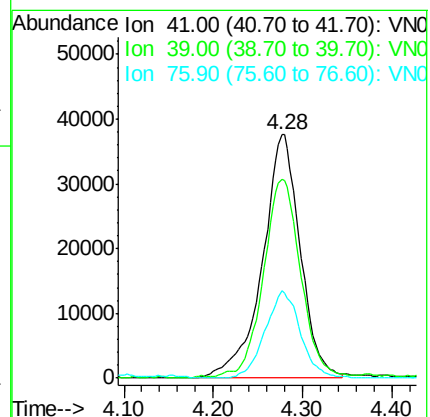
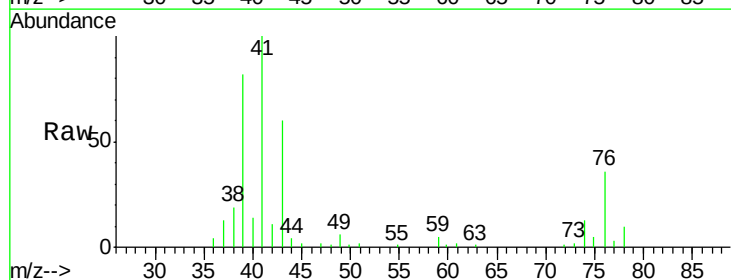
Tgt Ion: 41 Resp: 110760

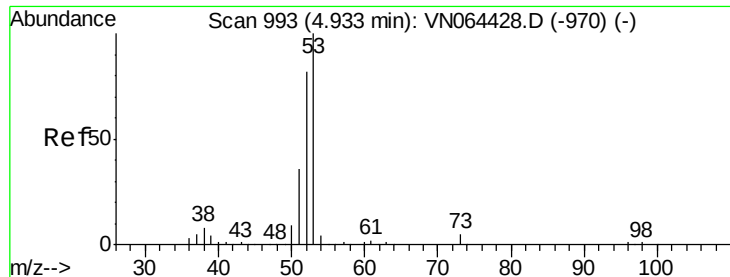
Ion Ratio Lower Upper

41 100

39 78.1 61.8 92.8

76 33.5 25.4 38.0





#15

Acrylonitrile

Concen: 98.595 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

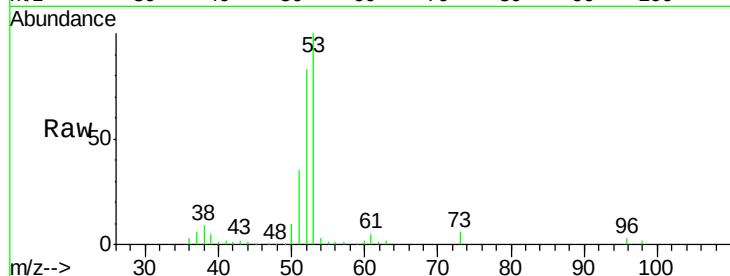
Tot Ion: 53 Resp: 159034

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

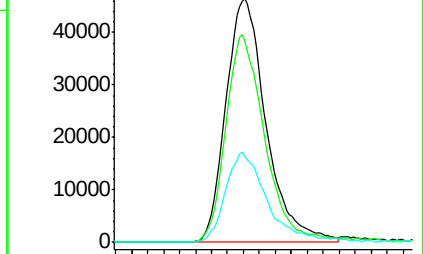
51 37.4 29.9 44.9



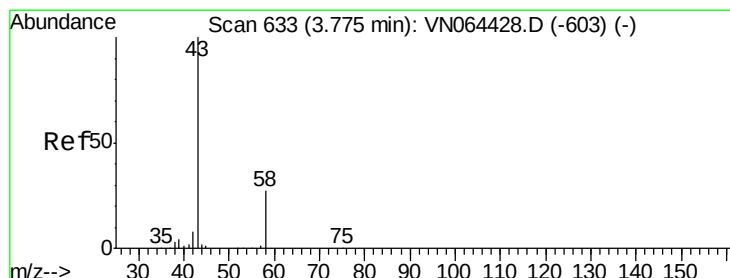
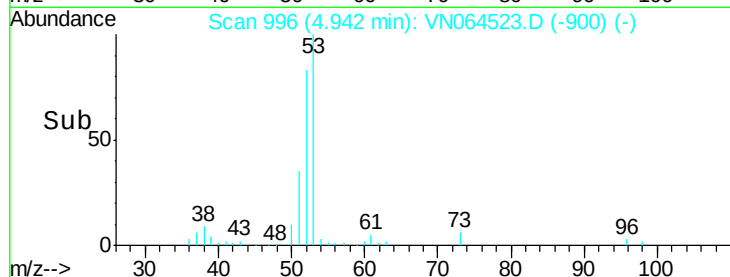
Abundance Ion 53.00 (52.70 to 53.70): VN064523.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064523.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064523.D (-900) (-)



Time-->



#16

Acetone

Concen: 91.868 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064523.D

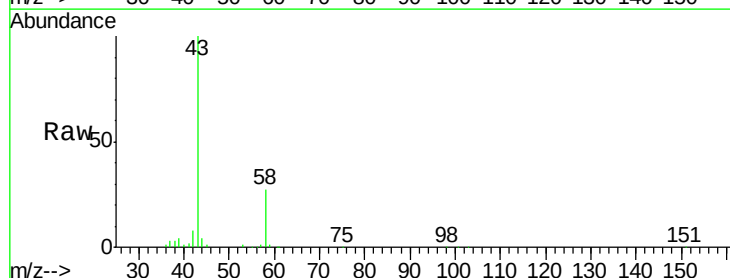
Acq: 10 Nov 2020 14:11

Tgt Ion: 43 Resp: 183844

Ion Ratio Lower Upper

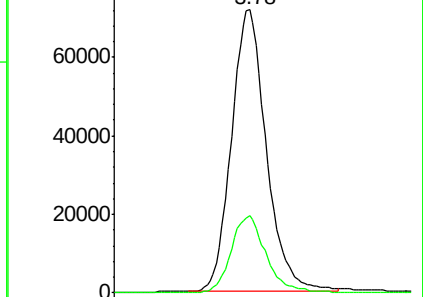
43 100

58 27.2 21.4 32.0

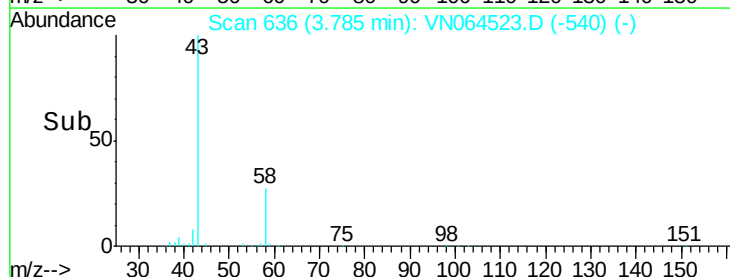


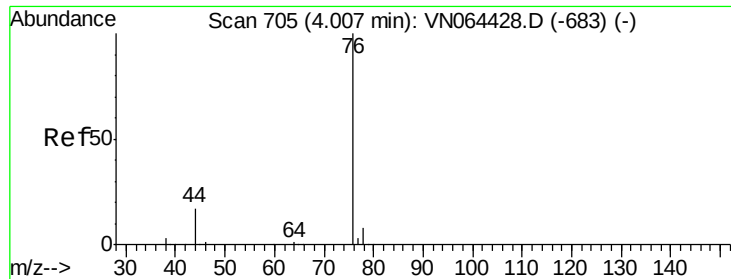
Abundance Ion 43.00 (42.70 to 43.70): VN064523.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064523.D (-540) (-)



Time-->

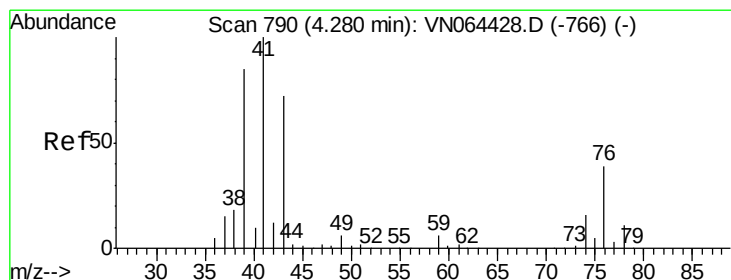
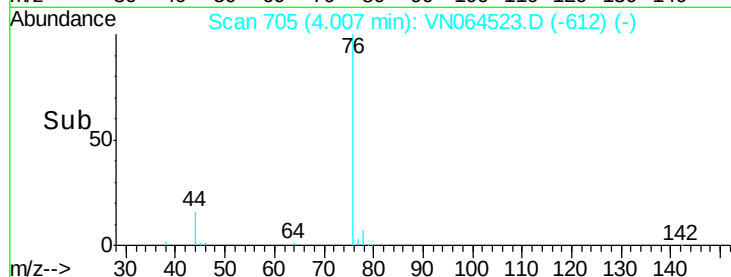
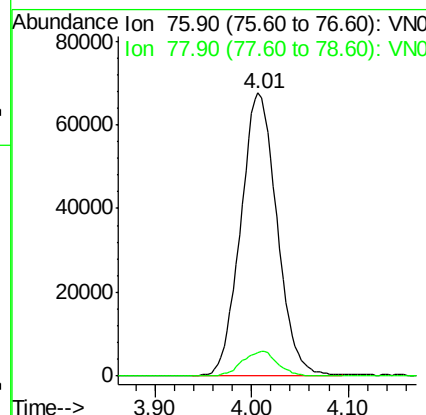
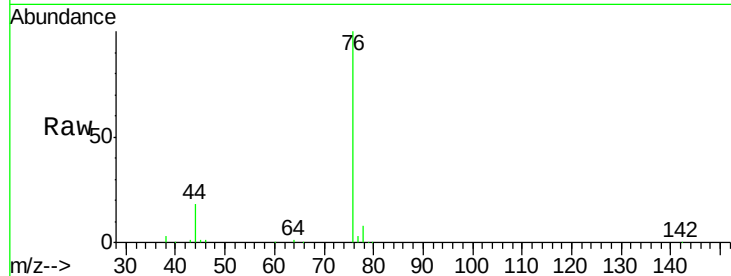




#17
Carbon Disulfide
Concen: 18.315 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

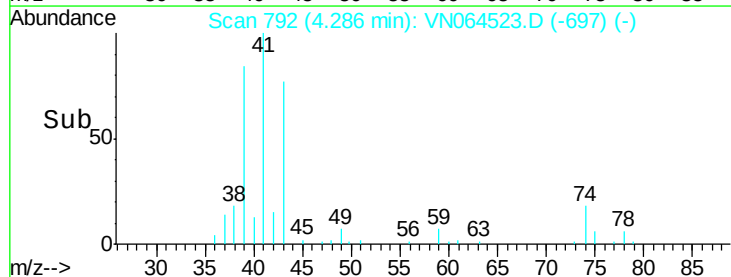
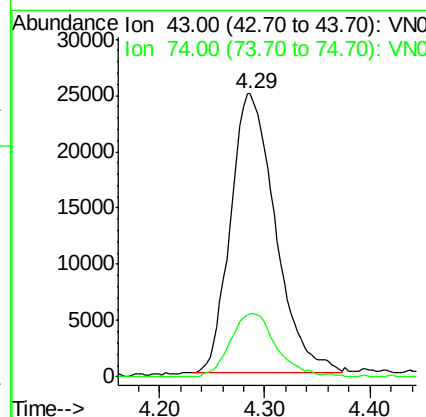
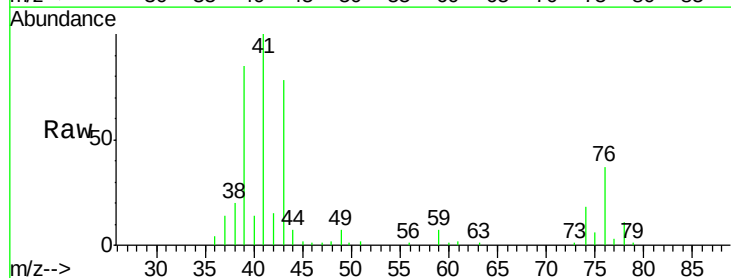
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

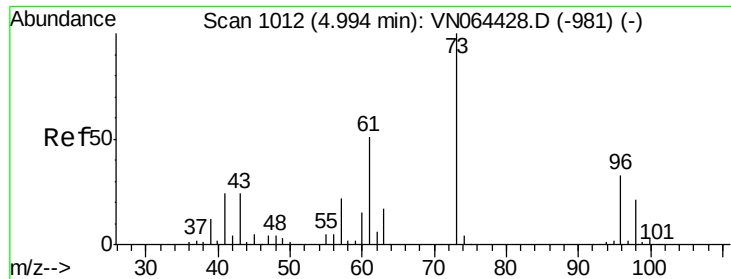
Tot Ion: 76 Resp: 176666
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 18.696 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 43 Resp: 73555
Ion Ratio Lower Upper
43 100
74 22.8 17.0 25.4

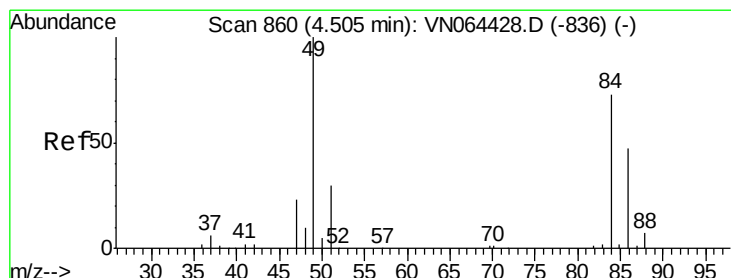
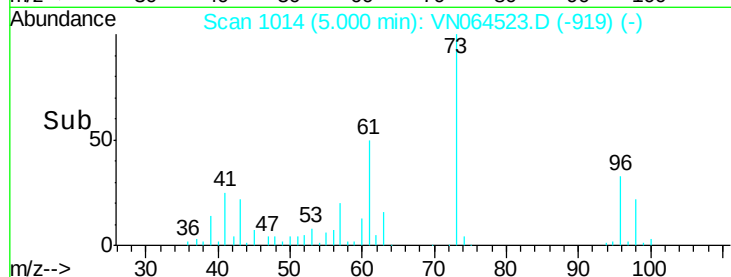
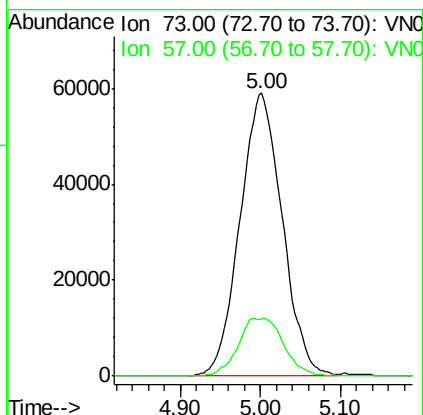
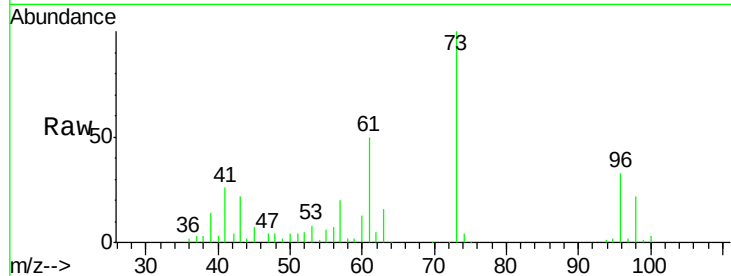




#19
Methyl tert-butyl Ether
Concen: 18.298 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

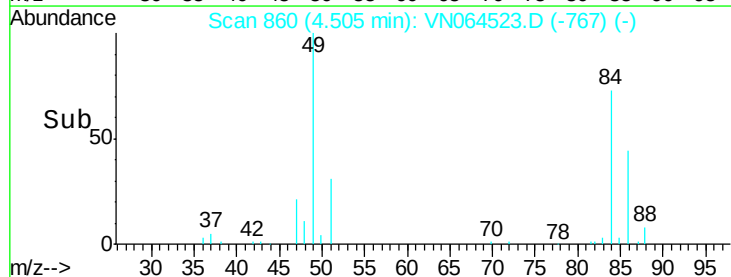
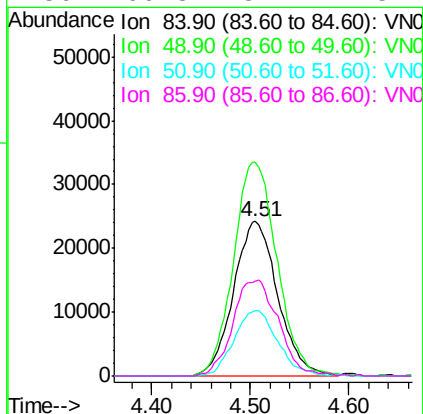
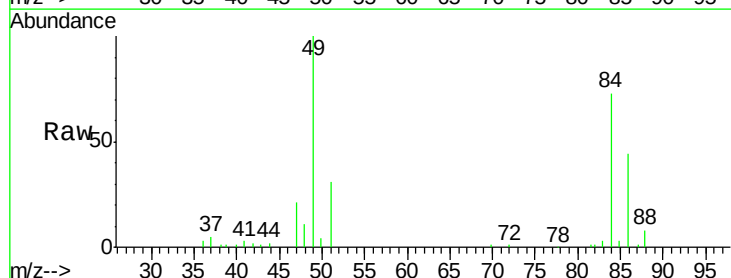
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

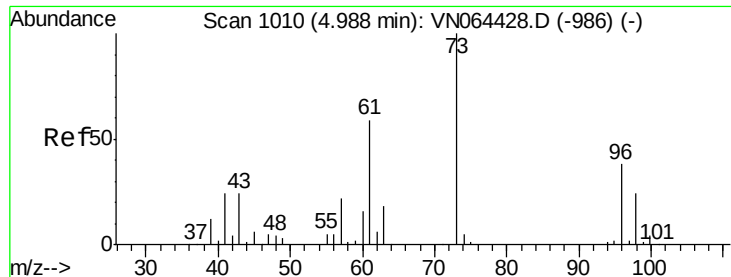
Tot Ion: 73 Resp: 212422
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5



#20
Methylene Chloride
Concen: 18.998 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 84 Resp: 75433
Ion Ratio Lower Upper
84 100
49 137.8 110.1 165.1
51 42.1 33.6 50.4
86 60.8 52.1 78.1



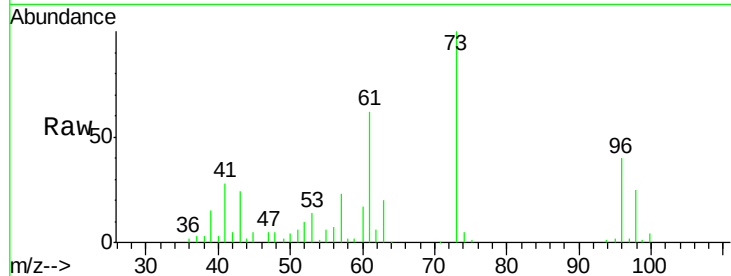


#21

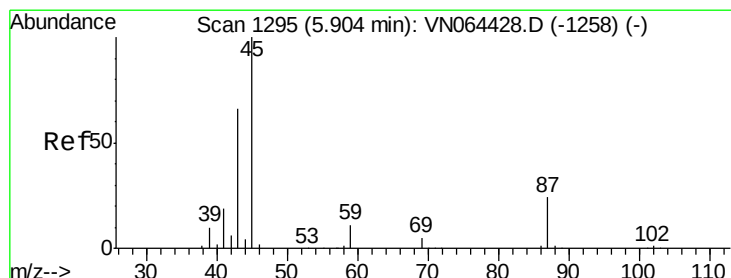
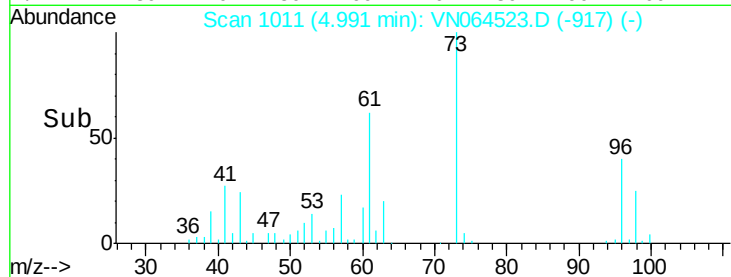
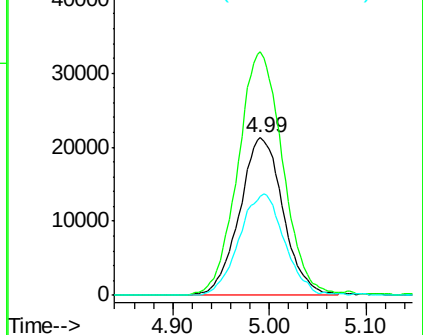
trans-1,2-Dichloroethene
Concen: 18.190 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

Tot Ion: 96 Resp: 66620
Ion Ratio Lower Upper
96 100
61 154.5 122.4 183.6
98 62.7 50.4 75.6



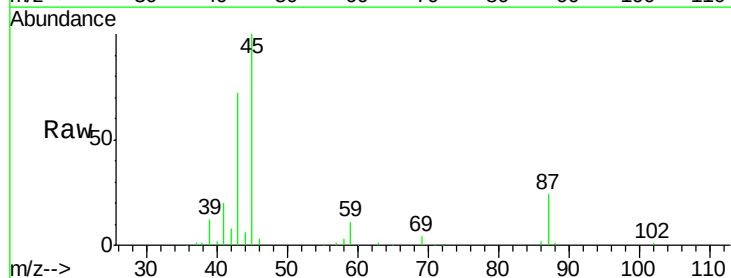
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



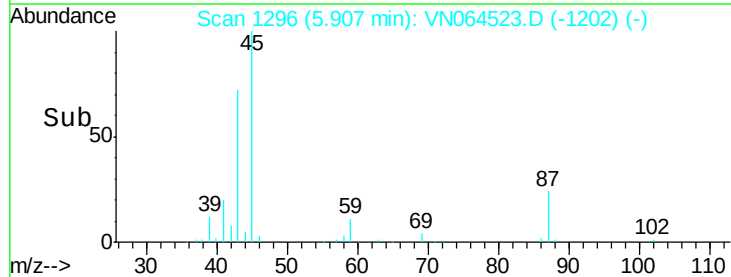
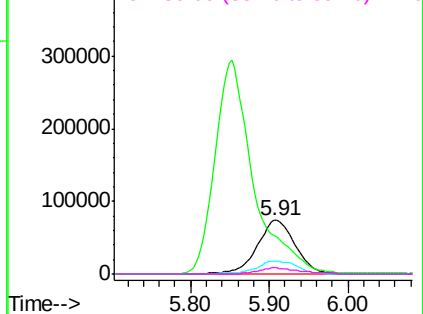
#22

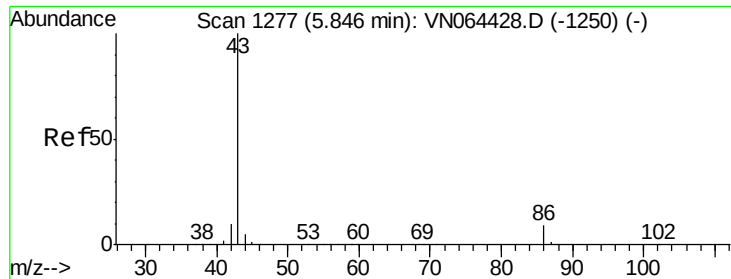
Diisopropyl ether
Concen: 18.657 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 45 Resp: 249904
Ion Ratio Lower Upper
45 100
43 68.7 53.2 79.8
87 23.2 19.9 29.9
59 10.4 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: 91.748 ug/l

RT: 5.85 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

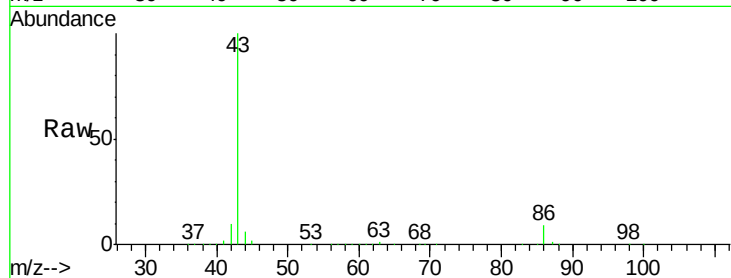
VN1110WBS02

Tot Ion: 43 Resp: 999722

Ion Ratio Lower Upper

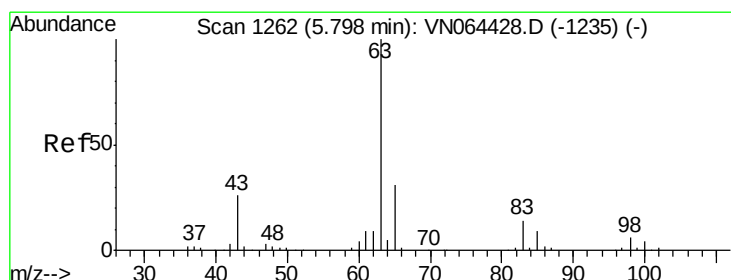
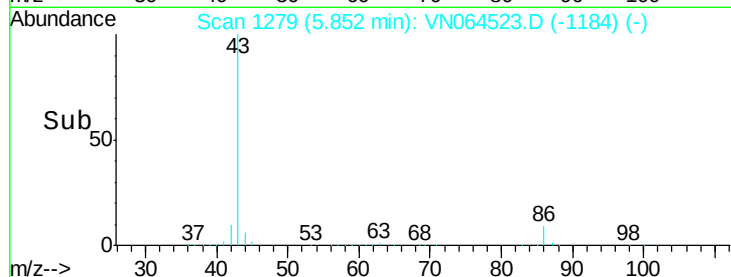
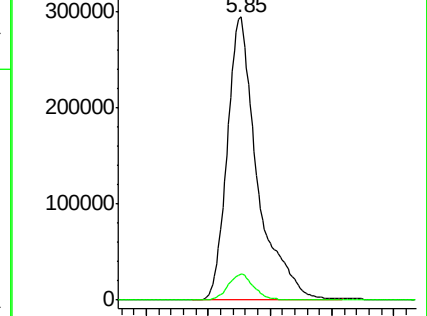
43 100

86 9.1 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.145 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

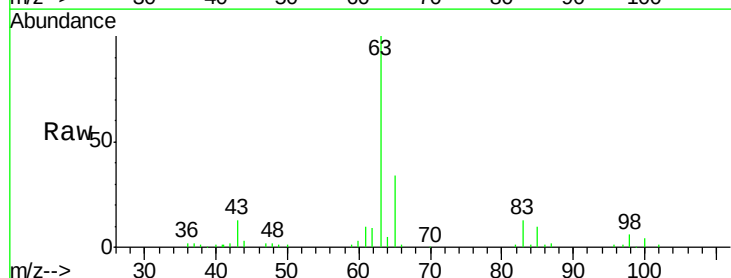
Tgt Ion: 63 Resp: 140910

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

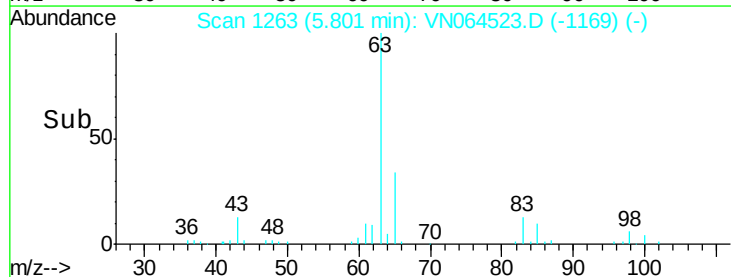
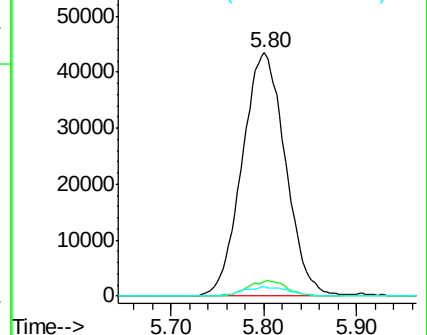
100 3.7 1.8 5.3

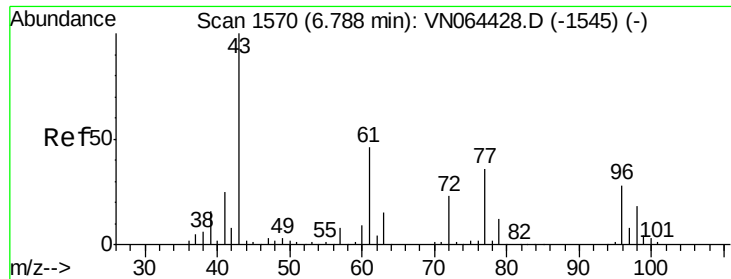


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 92.793 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

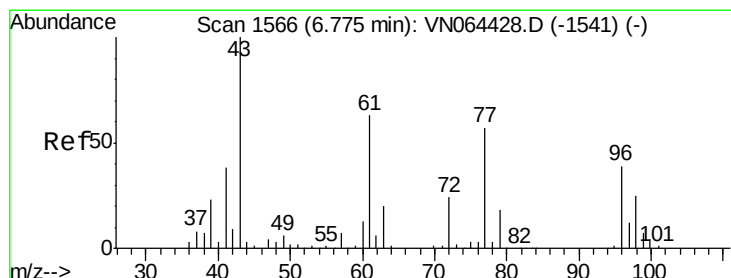
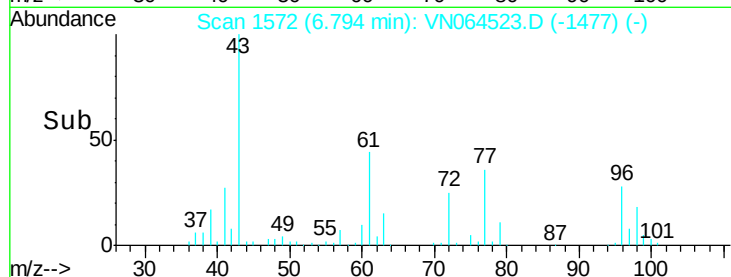
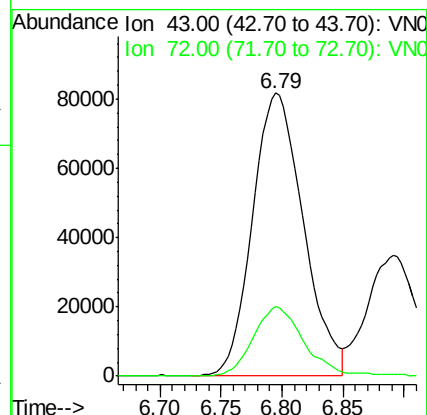
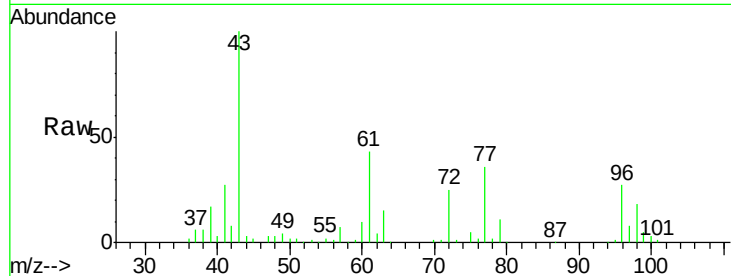
VN1110WBS02

Tot Ion: 43 Resp: 236601

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.191 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN064523.D

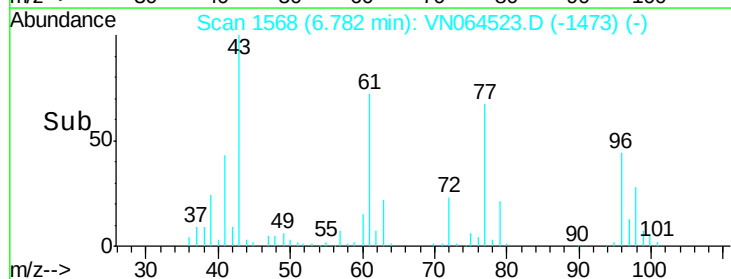
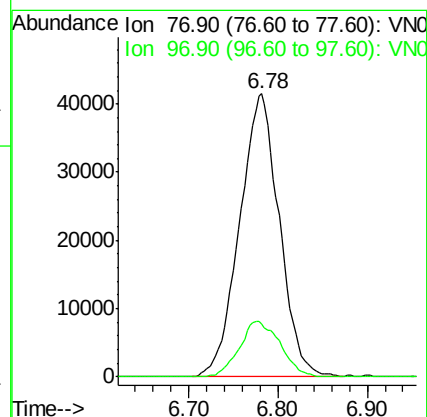
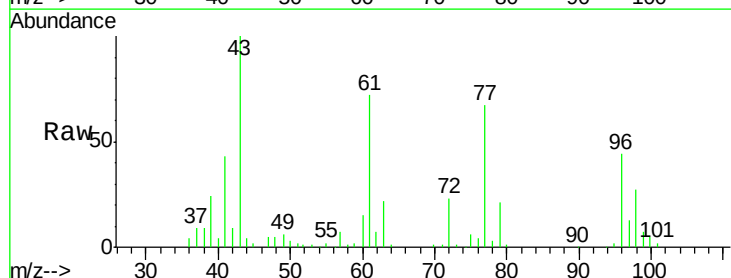
Acq: 10 Nov 2020 14:11

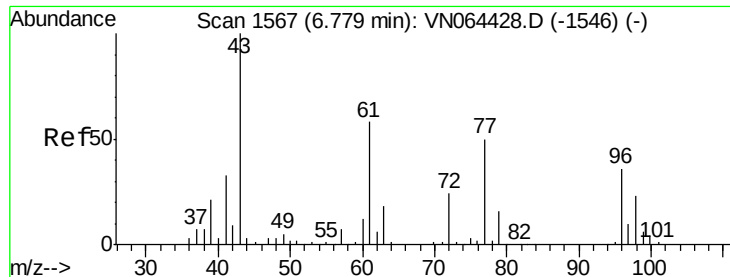
Tgt Ion: 77 Resp: 127867

Ion Ratio Lower Upper

77 100

97 20.3 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.482 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

VN1110WBS02

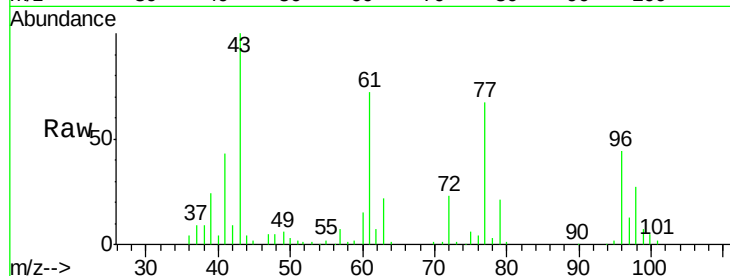
Tot Ion: 96 Resp: 78437

Ion Ratio Lower Upper

96 100

61 162.5 0.0 329.6

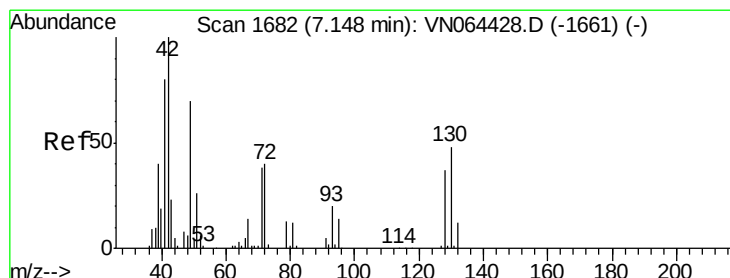
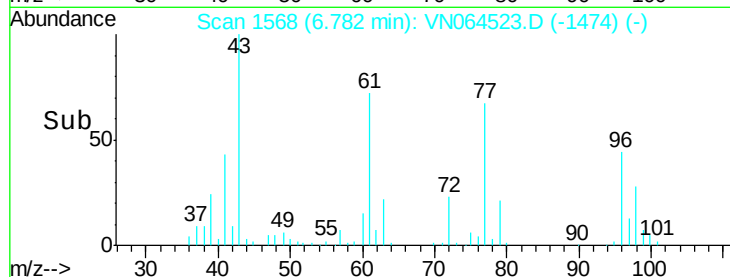
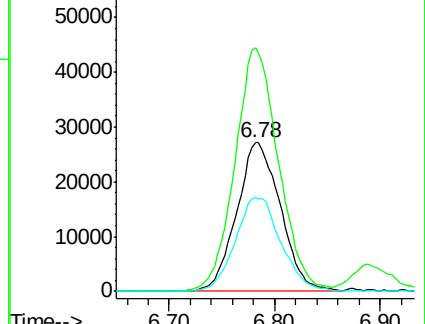
98 65.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28

Bromochloromethane

Concen: 18.672 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

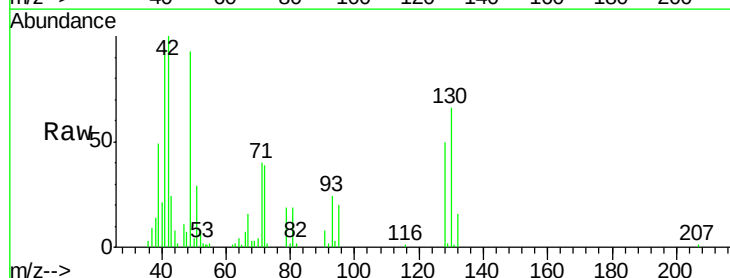
Tgt Ion: 49 Resp: 67551

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.6

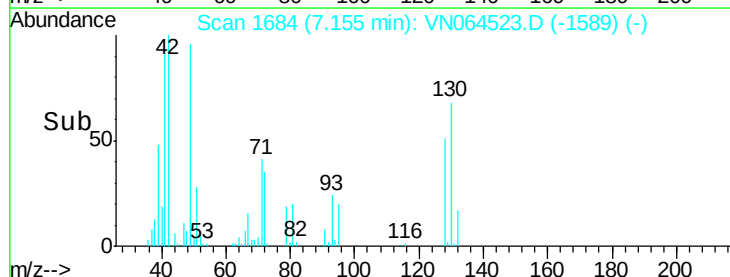
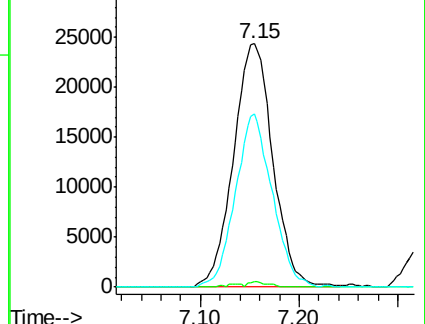
130 66.4 54.2 81.4

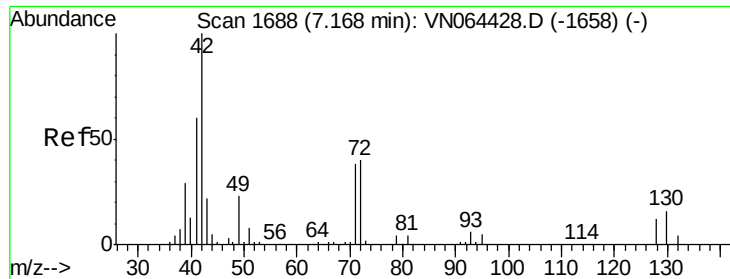


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

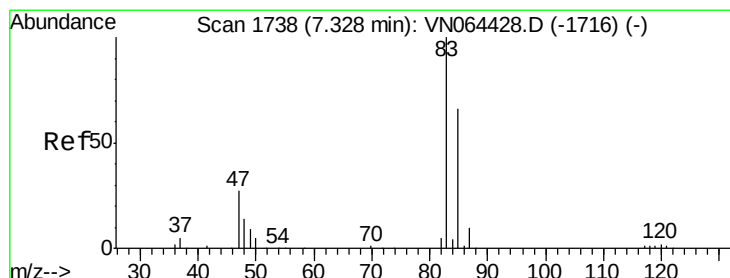
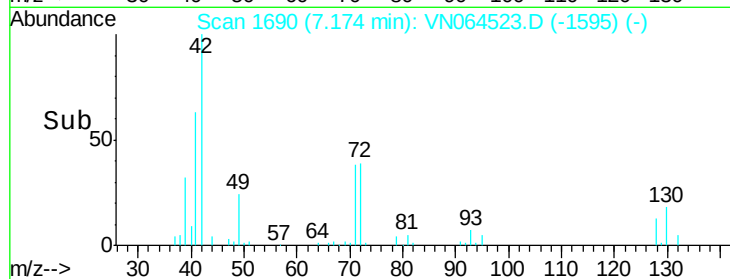
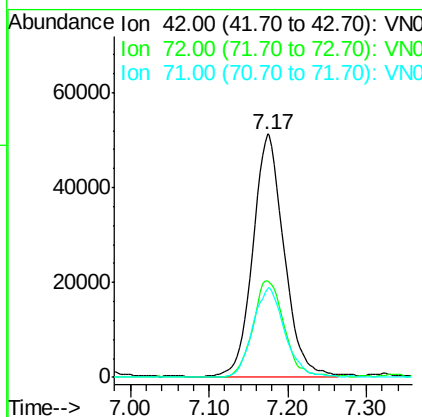
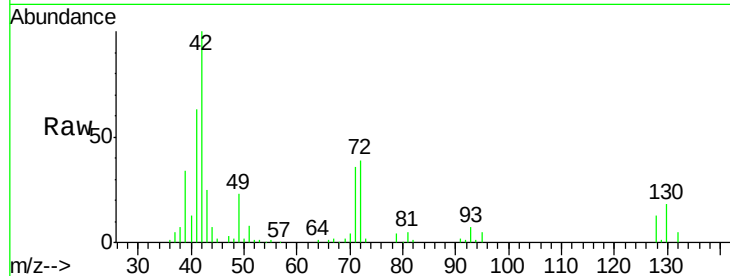




#29
Tetrahydrofuran
Concen: 92.949 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

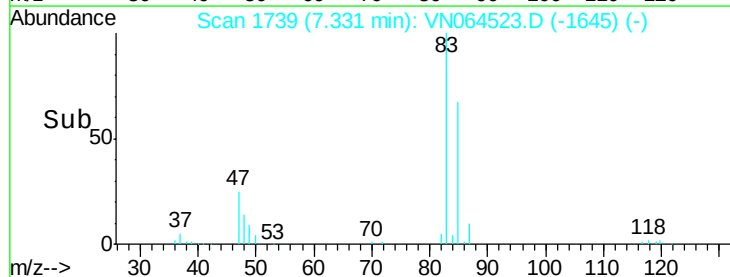
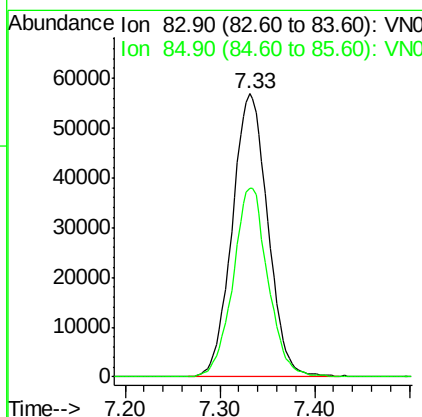
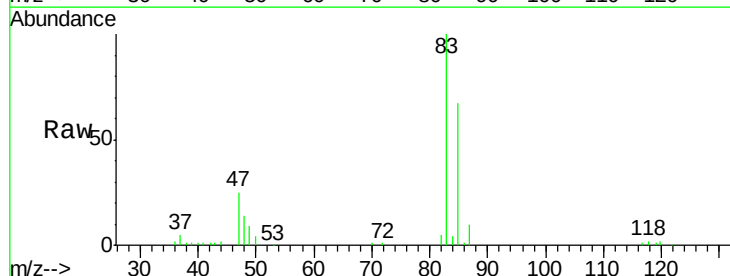
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

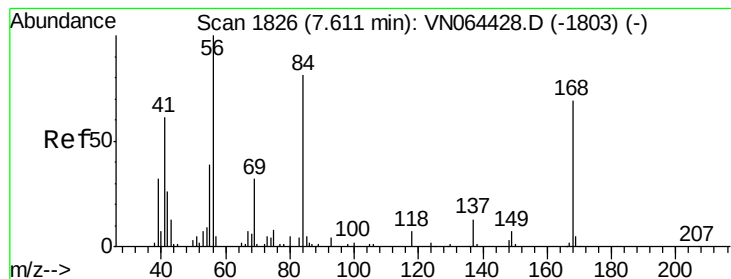
Tot Ion: 42 Resp: 145404
Ion Ratio Lower Upper
42 100
72 39.7 31.7 47.5
71 37.4 29.8 44.6



#30
Chloroform
Concen: 19.229 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 83 Resp: 148773
Ion Ratio Lower Upper
83 100
85 66.8 52.5 78.7





#31

Cyclohexane

Concen: 17.117 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

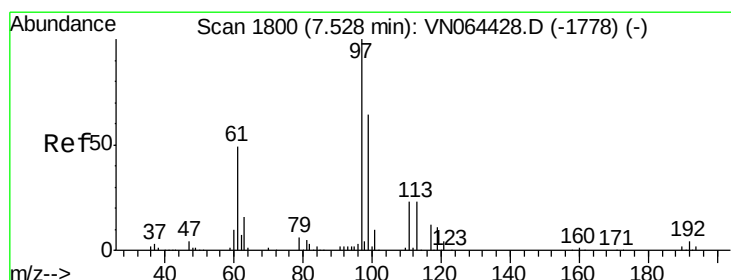
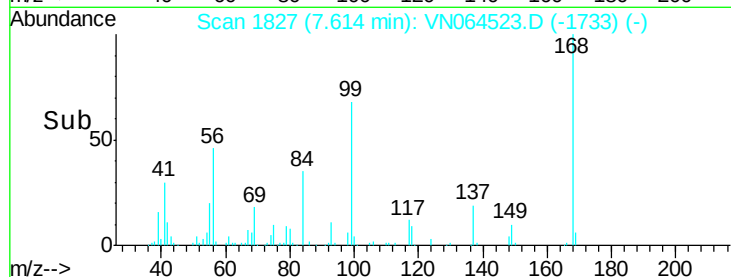
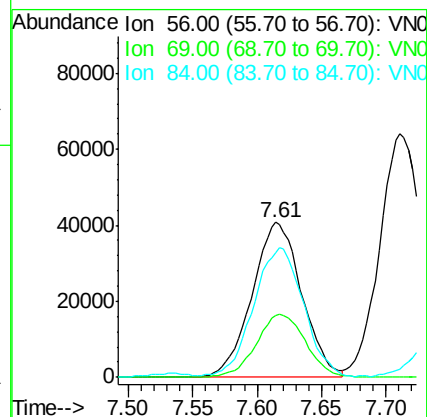
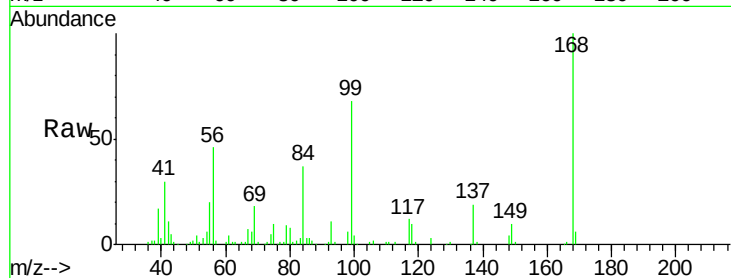
Tot Ion: 56 Resp: 109315

Ion Ratio Lower Upper

56 100

69 40.1 25.6 38.4#

84 79.2 63.0 94.6



#32

1,1,1-Trichloroethane

Concen: 19.484 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

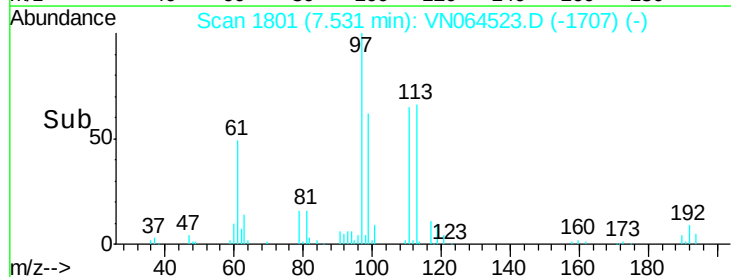
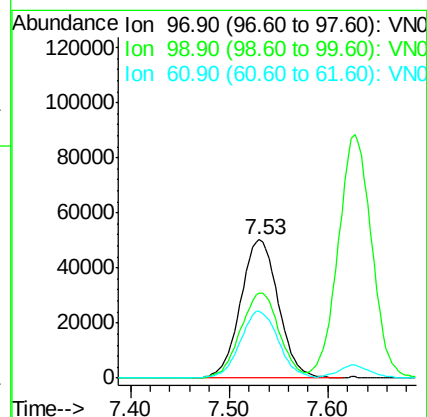
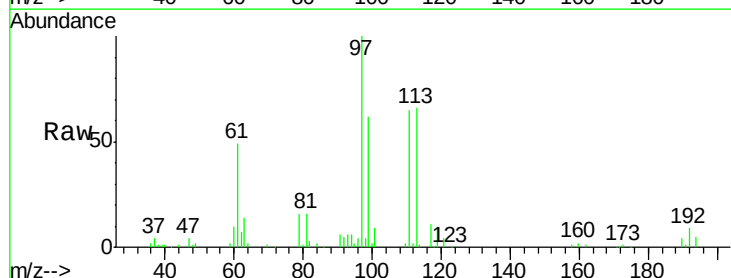
Tgt Ion: 97 Resp: 133703

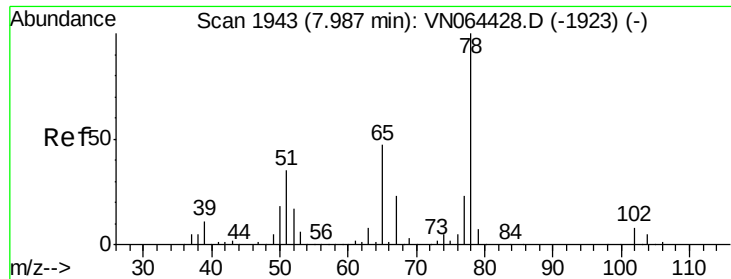
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 48.6 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 51.047 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

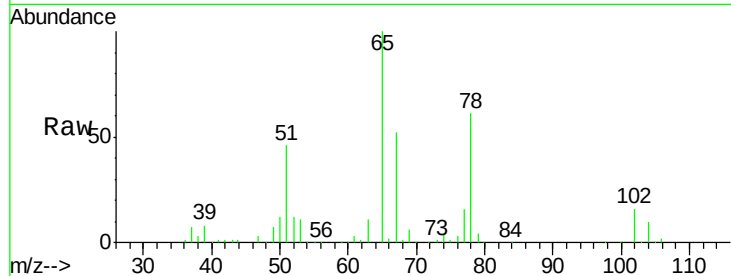
VN1110WBS02

Tot Ion: 65 Resp: 268176

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



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

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

7.99

120000

100000

80000

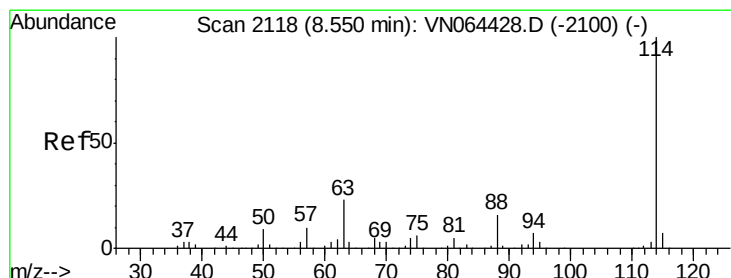
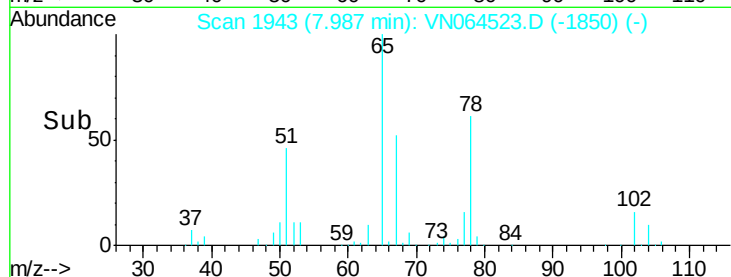
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

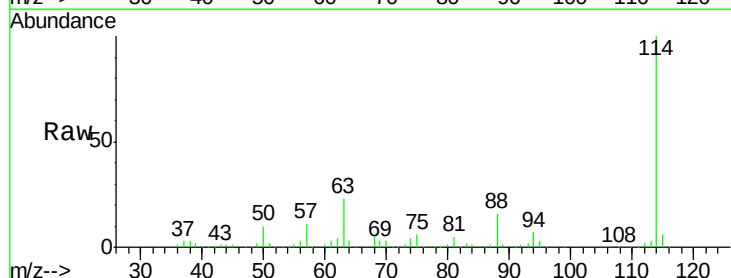
Tgt Ion: 114 Resp: 534338

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.4 0.0 32.8



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

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

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

8.55

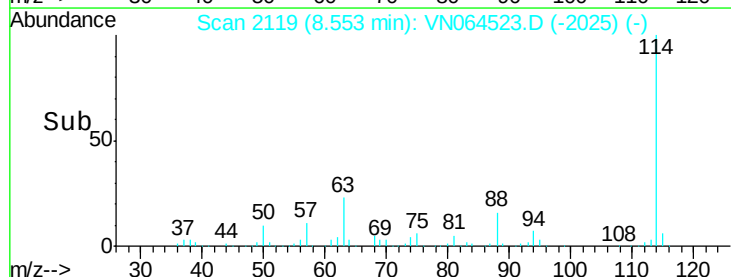
300000

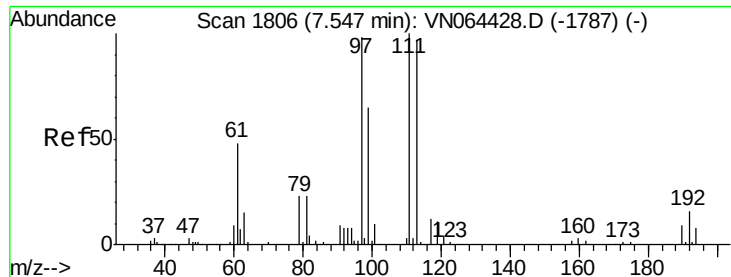
200000

100000

0

Time-->

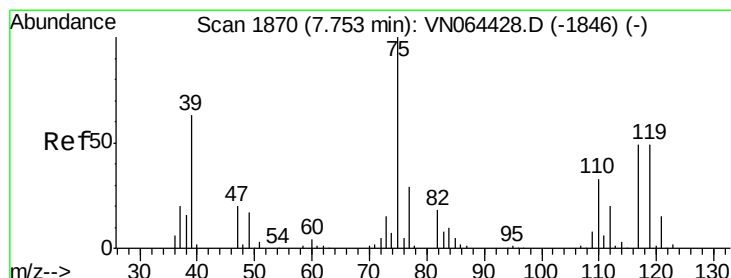
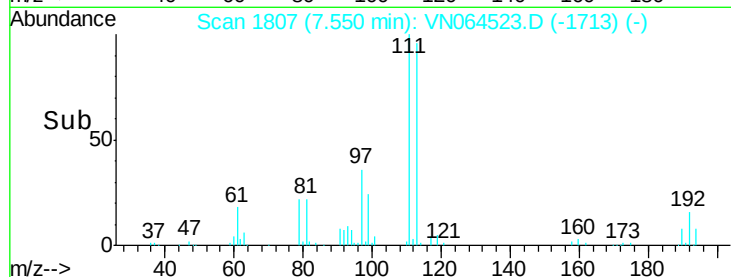
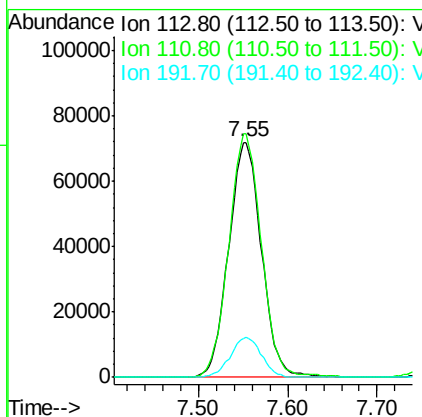
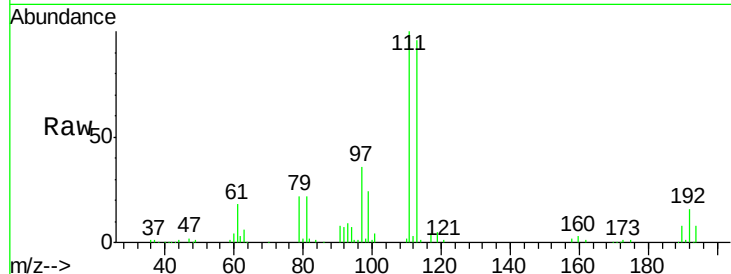




#35
 Dibromofluoromethane
 Concen: 50.477 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

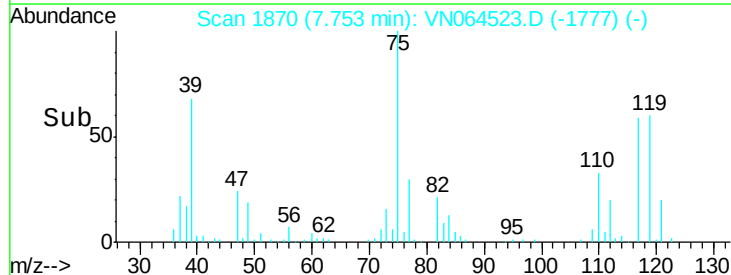
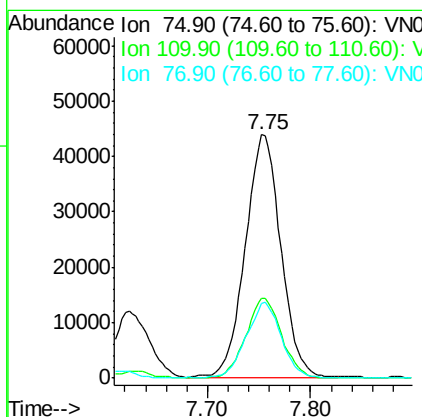
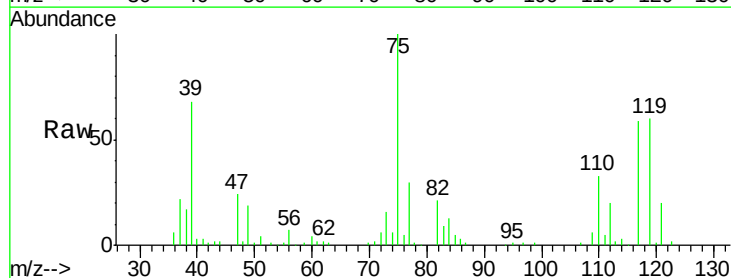
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

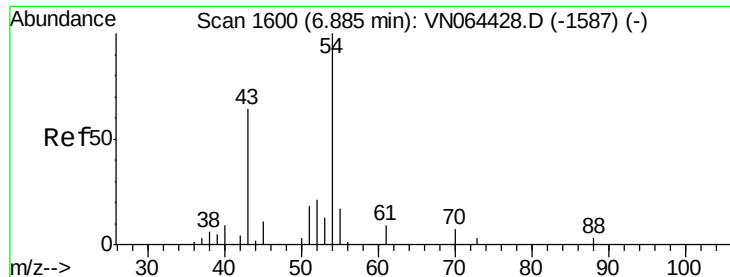
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	16.1	12.8	19.2



#36
 1,1-Dichloropropene
 Concen: 18.532 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.0	48.0
77	30.9	24.0	36.0

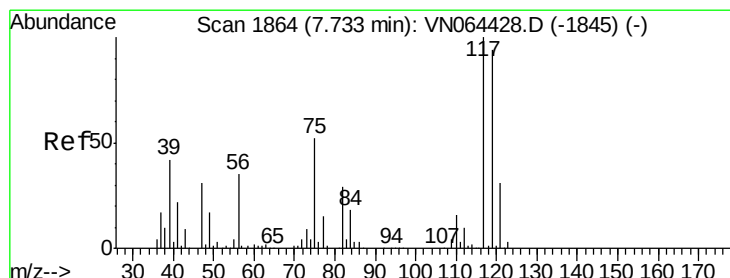
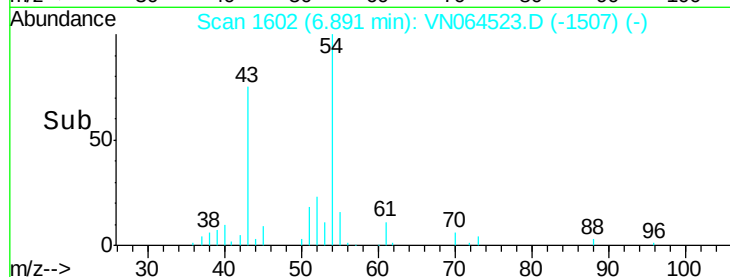
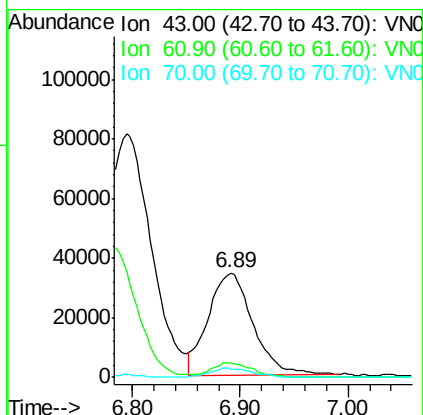
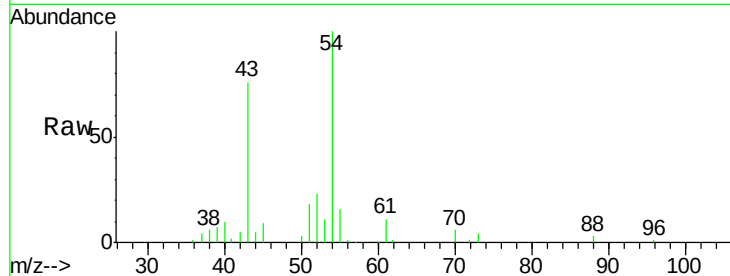




#37
Ethyl Acetate
Concen: 17.769 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

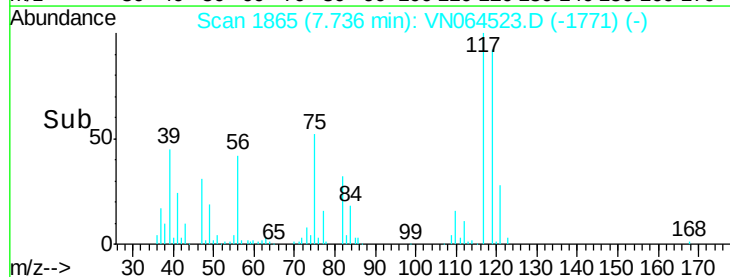
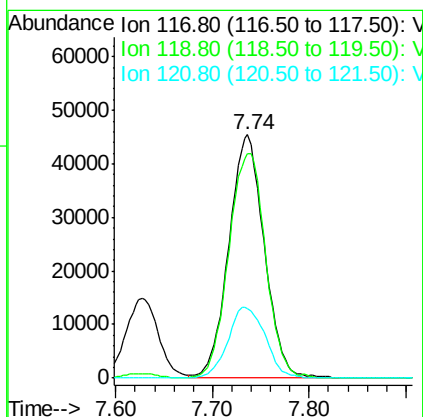
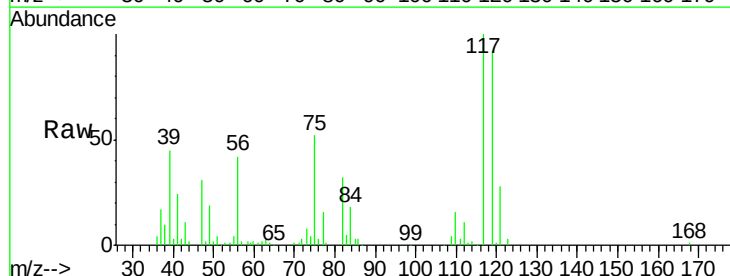
Instrument :
MSVOA_N
ClientSampled :
VN1110WBS02

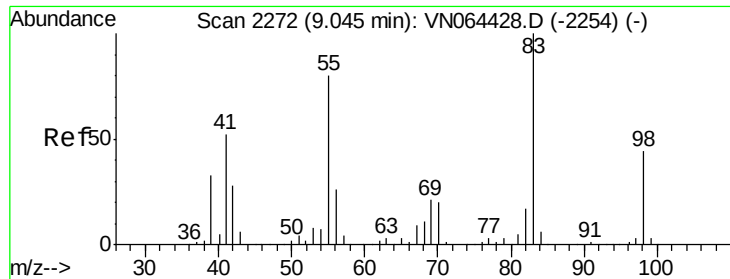
Tot Ion: 43 Resp: 98944
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.194 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 117 Resp: 115798
Ion Ratio Lower Upper
117 100
119 92.0 75.5 113.3
121 28.5 24.4 36.6

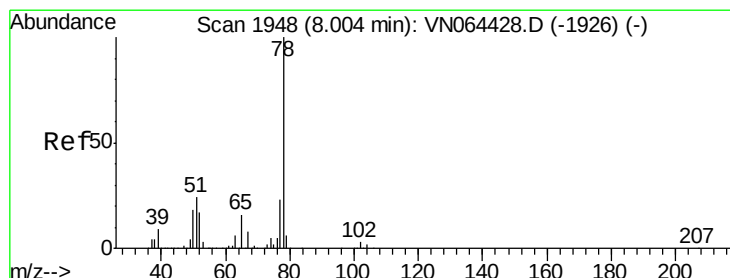
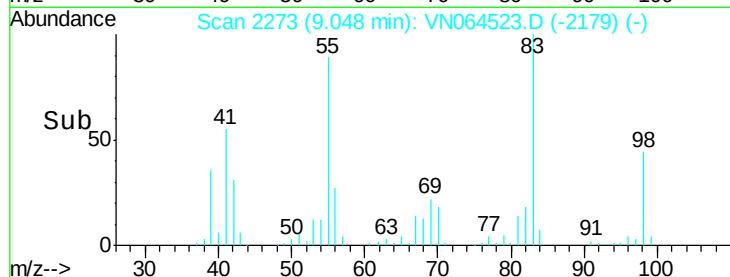
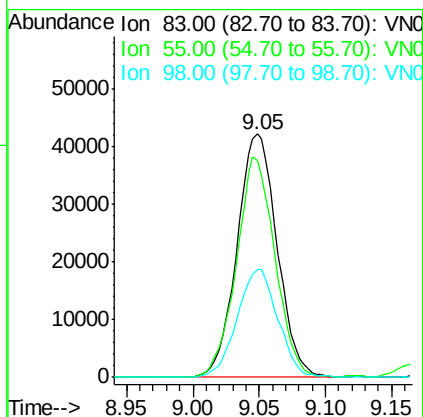
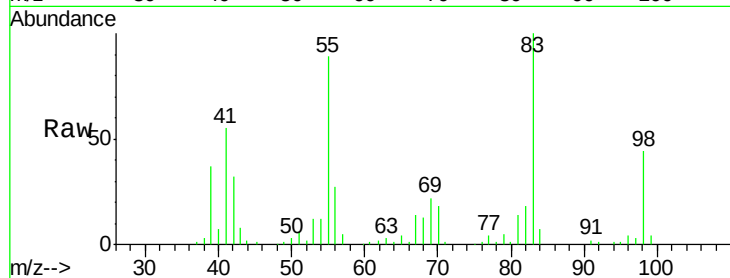




#39
Methylvlcyclohexane
Concen: 17.472 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

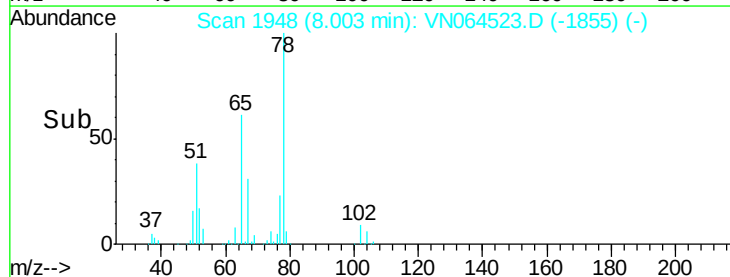
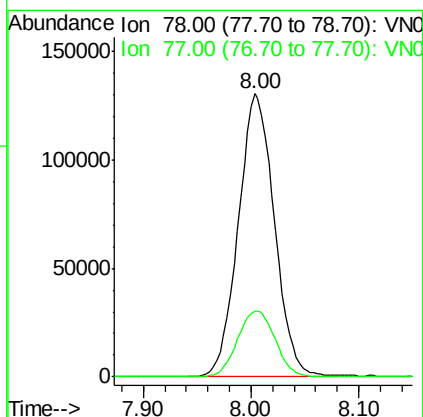
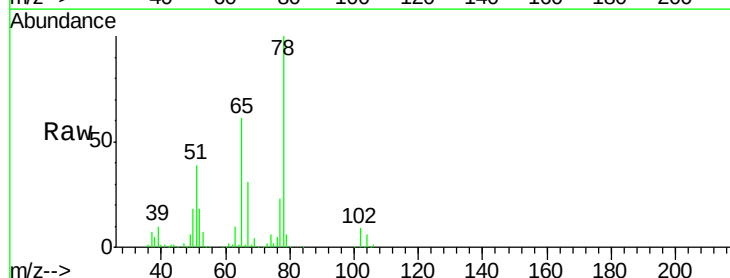
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

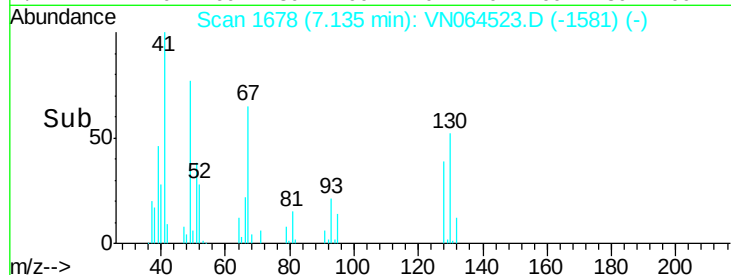
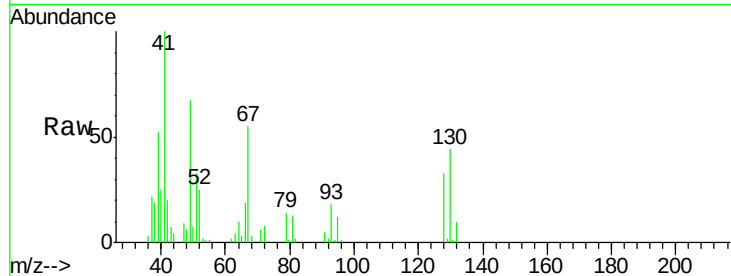
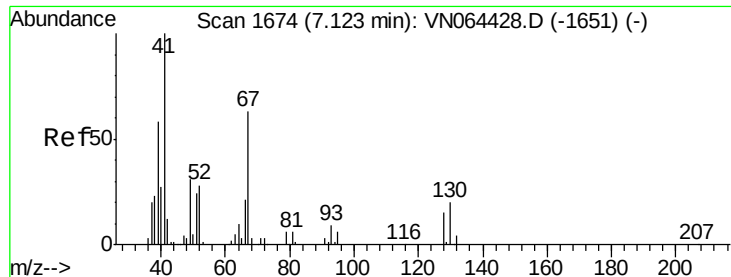
Tot Ion: 83 Resp: 88413
Ion Ratio Lower Upper
83 100
55 89.1 63.8 95.6
98 44.4 35.4 53.2



#40
Benzene
Concen: 18.323 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 78 Resp: 303941
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

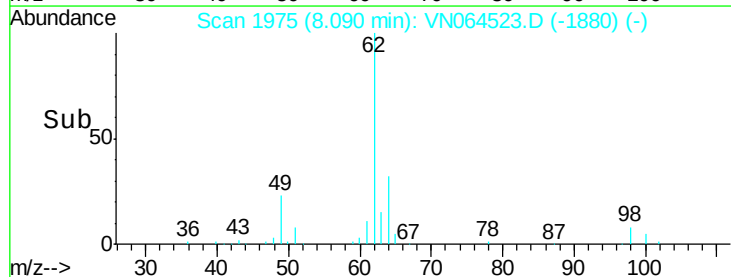
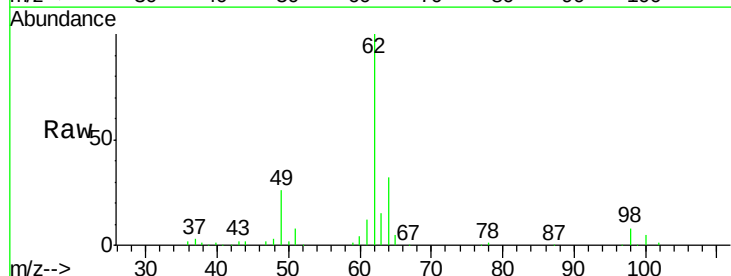
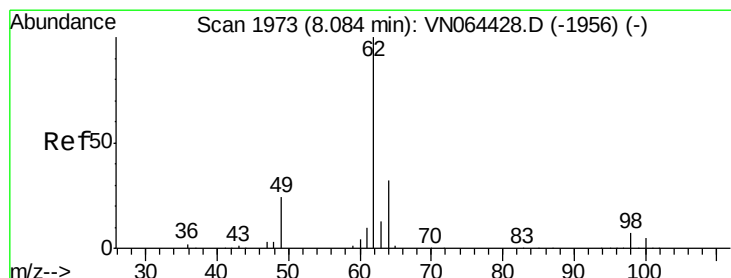
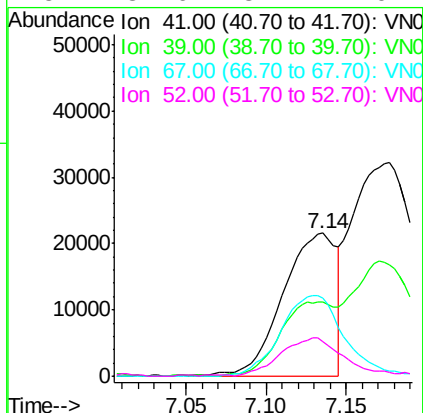




#41
Methacrylonitrile
Concen: 20.137 ug/l
RT: 7.14 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

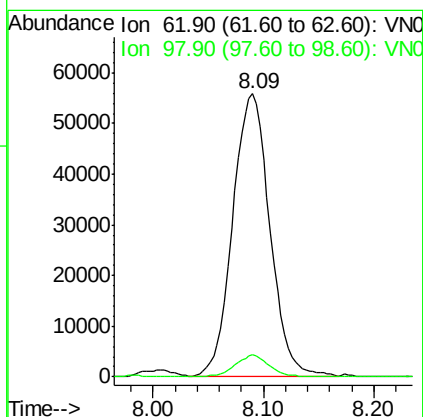
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

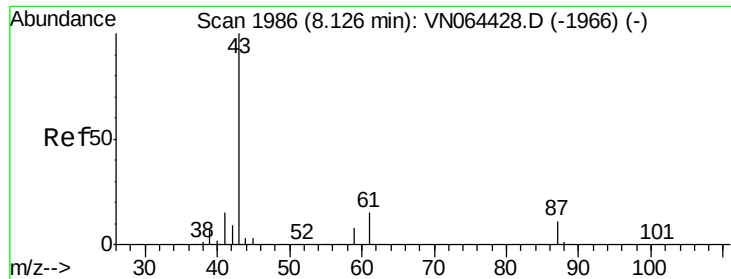
Tot Ion: 41 Resp: 50395
Ion Ratio Lower Upper
41 100
39 54.2 50.0 75.0
67 67.6 68.3 102.5#
52 31.6 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 19.397 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 62 Resp: 129847
Ion Ratio Lower Upper
62 100
98 7.1 0.0 14.0





#43

Isopropyl Acetate

Concen: 18.101 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

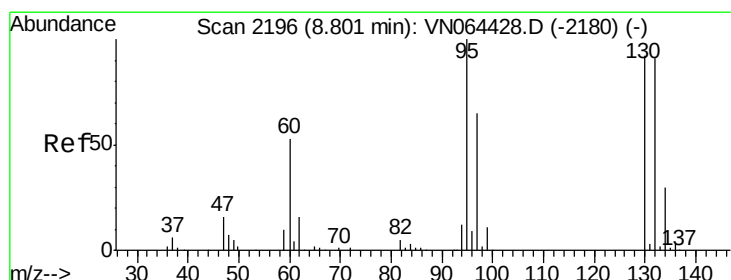
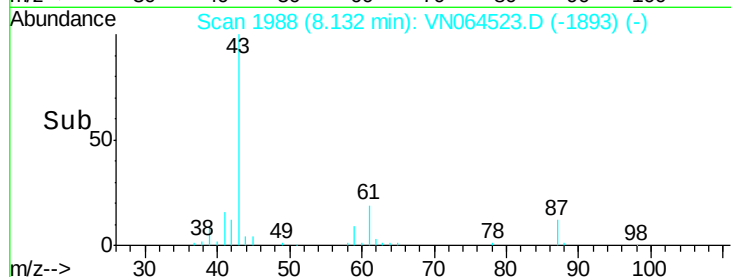
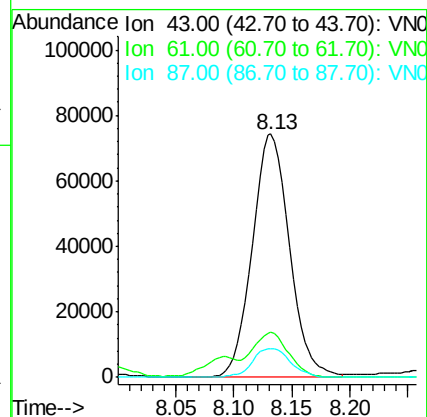
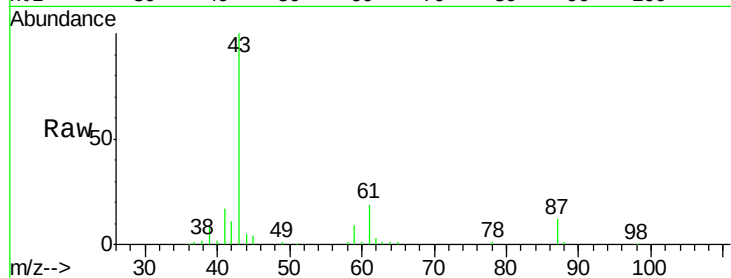
Tot Ion: 43 Resp: 165585

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

87 12.1 9.1 13.7



#44

Trichloroethene

Concen: 18.093 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064523.D

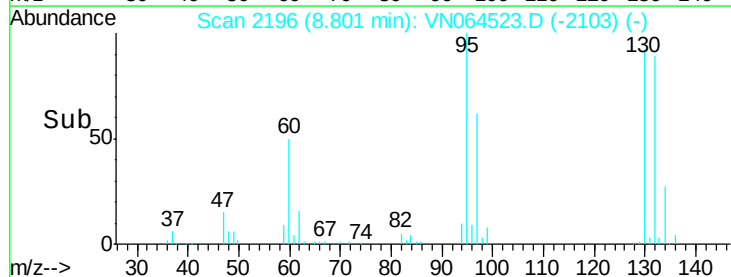
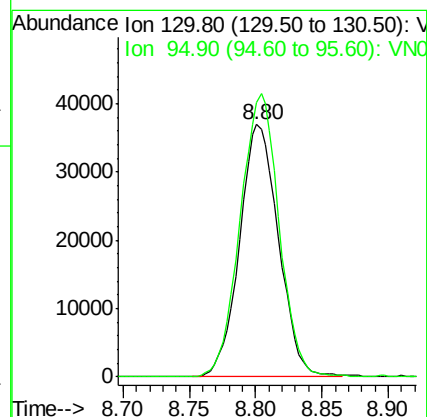
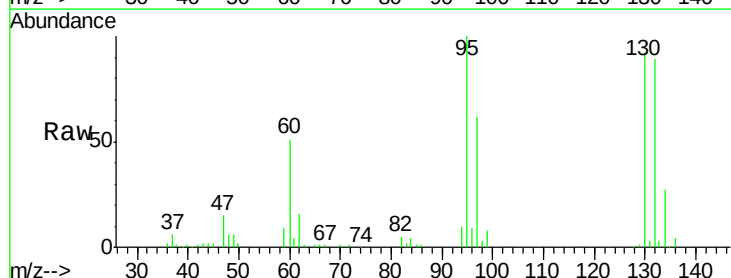
Acq: 10 Nov 2020 14:11

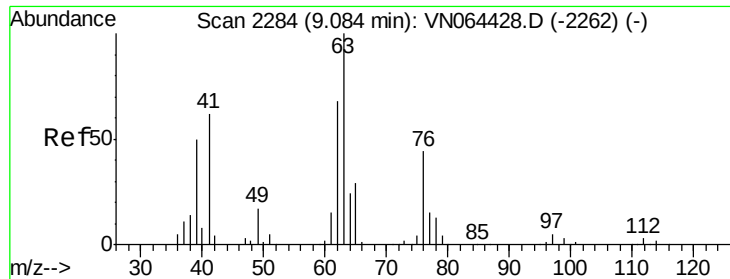
Tgt Ion: 130 Resp: 75718

Ion Ratio Lower Upper

130 100

95 108.6 0.0 216.8

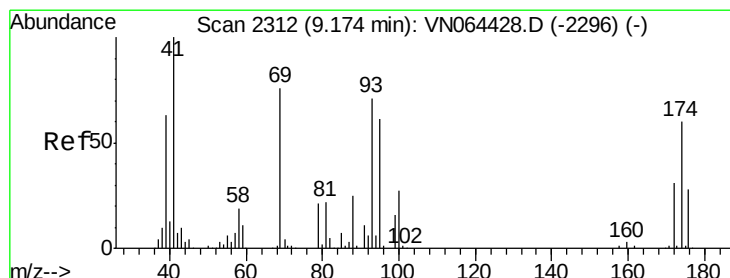
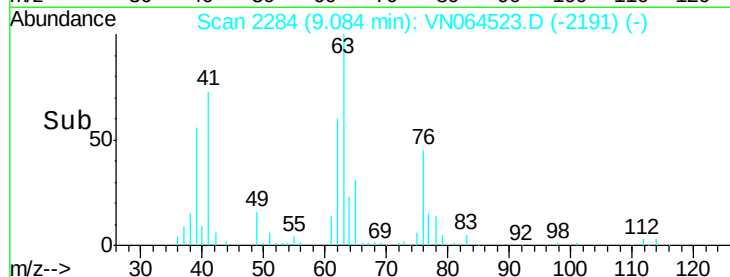
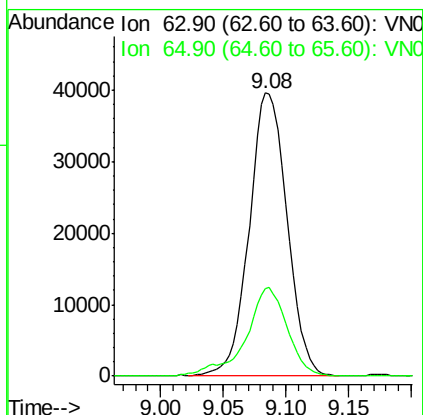
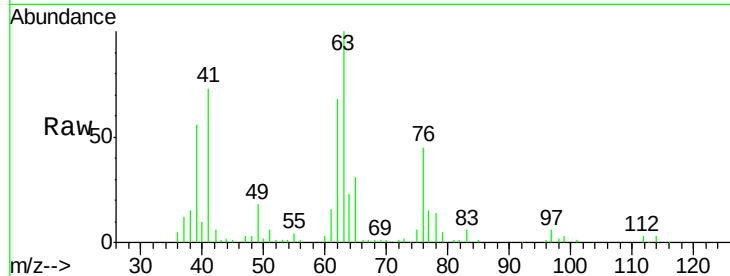




#45
 1,2-Dichloropropane
 Concen: 18.853 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

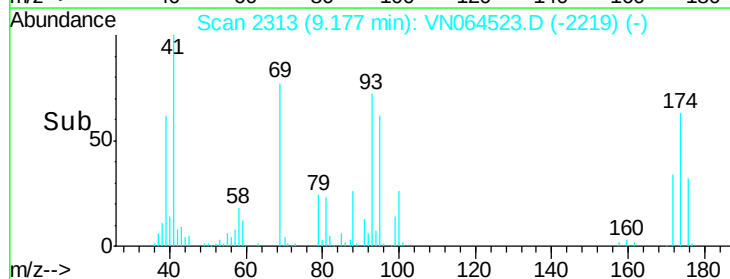
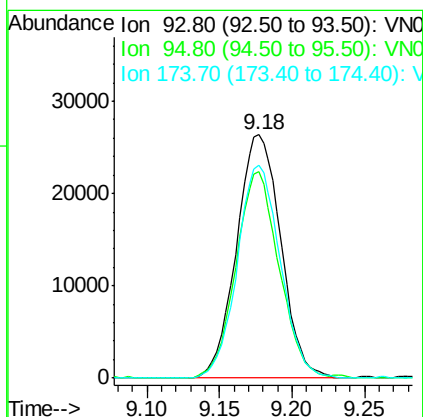
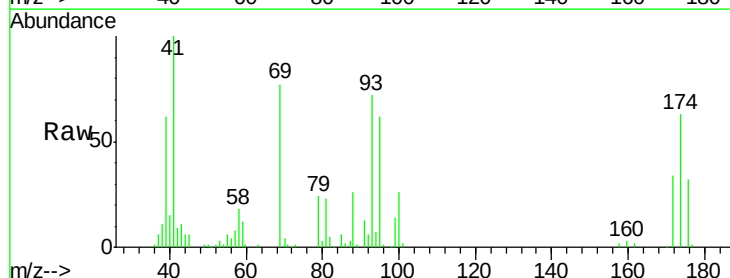
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

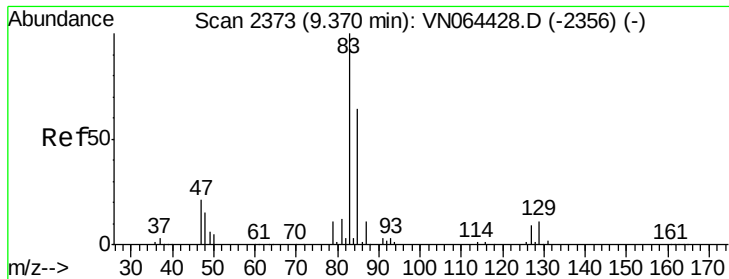
Tot Ion: 63 Resp: 83442
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.6 35.4



#46
 Dibromomethane
 Concen: 19.191 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion: 93 Resp: 55914
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 85.1 67.2 100.8

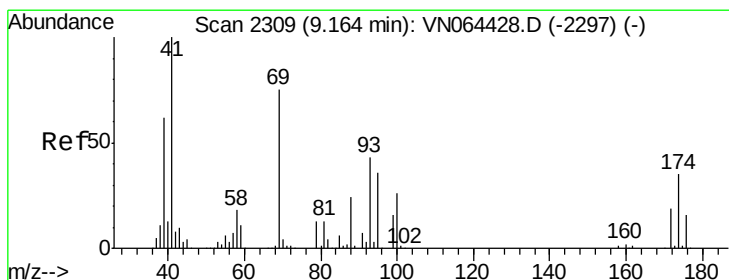
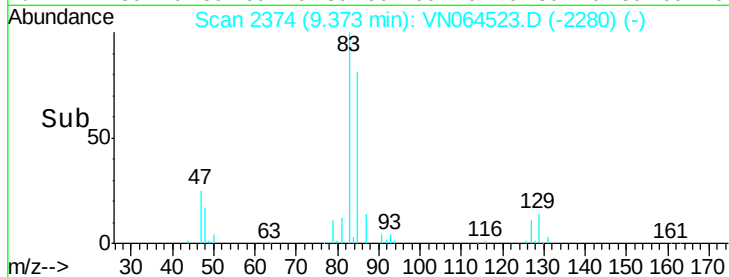
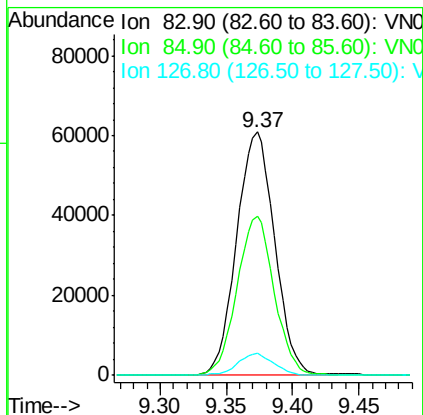
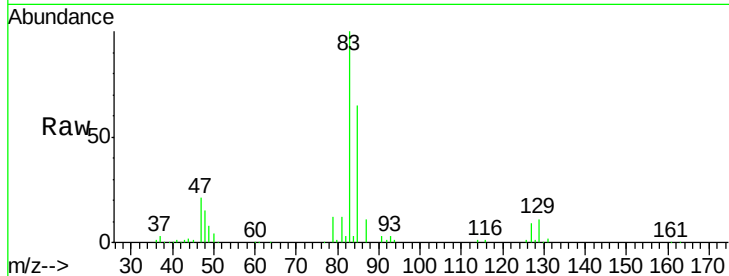




#47
Bromodichloromethane
Concen: 19.366 ug/l
RT: 9.37 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

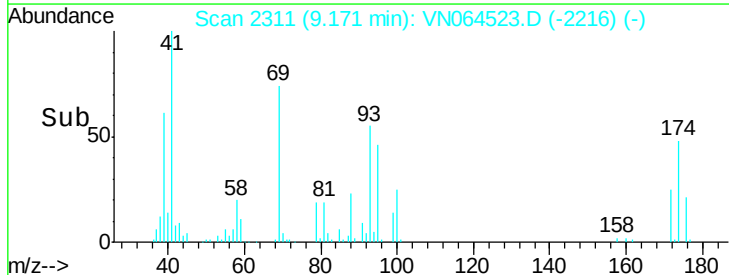
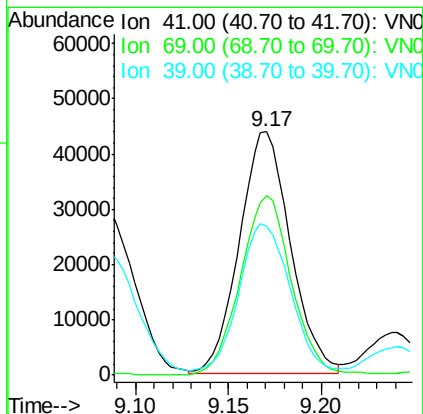
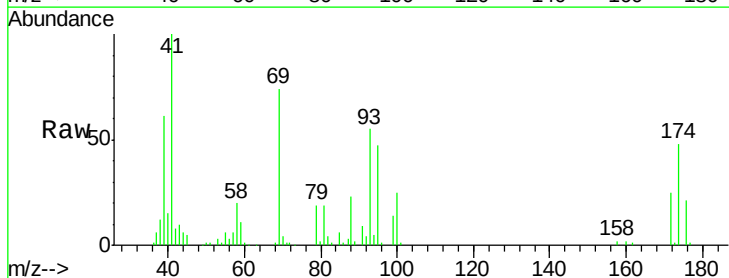
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

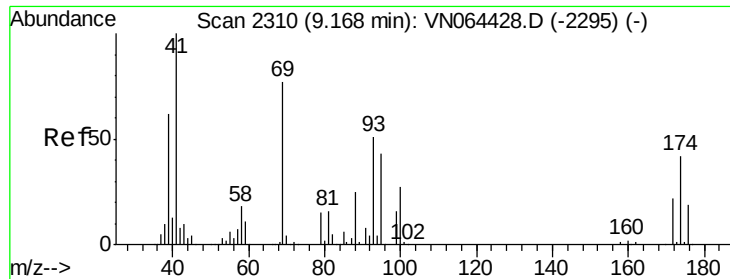
Tot Ion: 83 Resp: 121322
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8
127 8.9 6.9 10.3



#48
Methyl methacrylate
Concen: 18.221 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 41 Resp: 84111
Ion Ratio Lower Upper
41 100
69 74.3 60.4 90.6
39 63.0 51.2 76.8

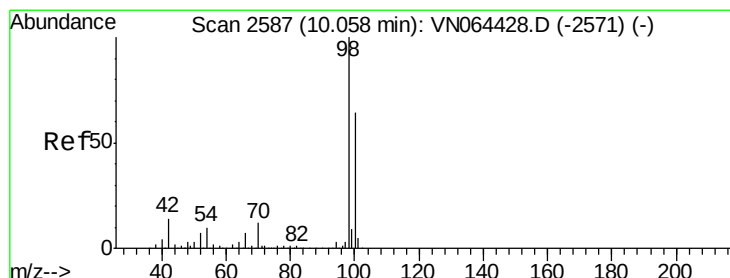
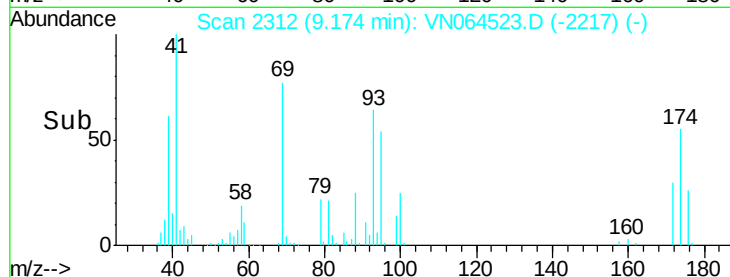
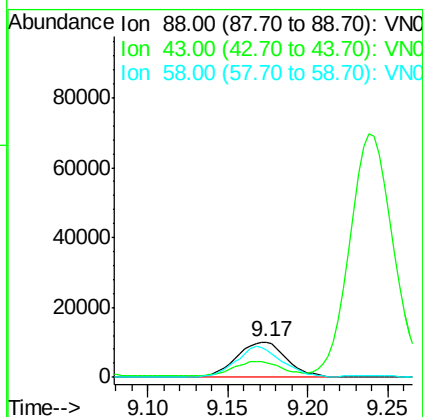
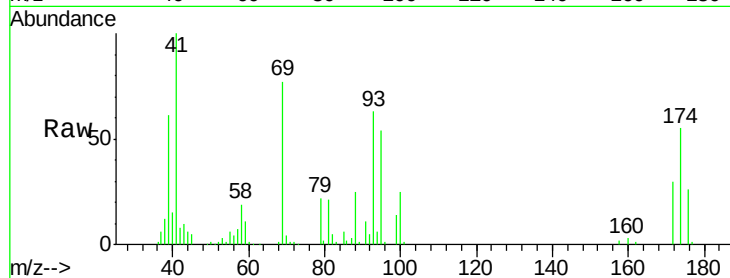




#49
1,4-Dioxane
Concen: 359.287 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

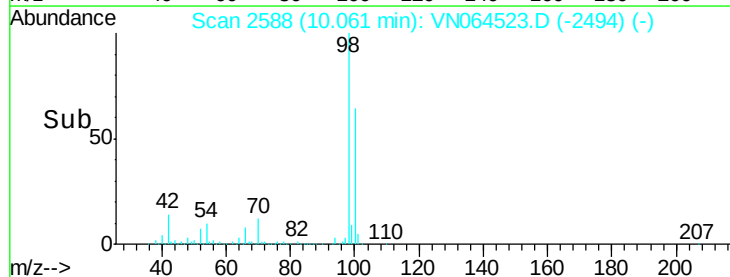
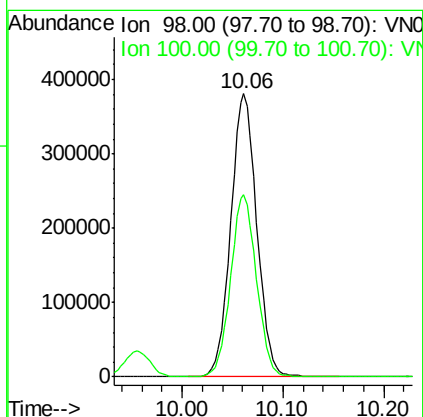
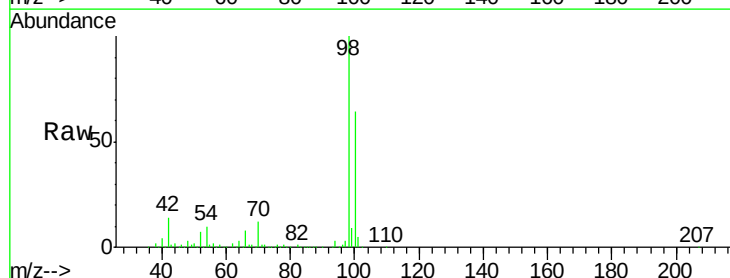
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

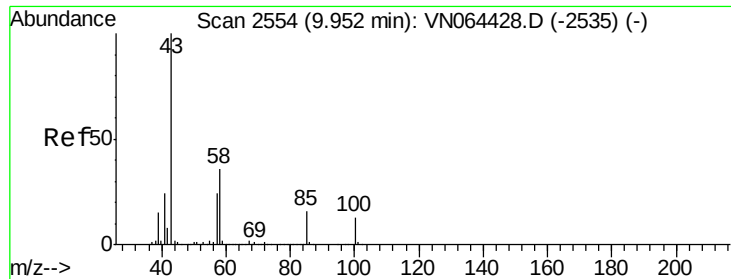
Tot Ion: 88 Resp: 21845
Ion Ratio Lower Upper
88 100
43 39.9 31.0 46.6
58 78.6 58.4 87.6



#50
Toluene-d8
Concen: 48.723 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 98 Resp: 685108
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 95.234 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

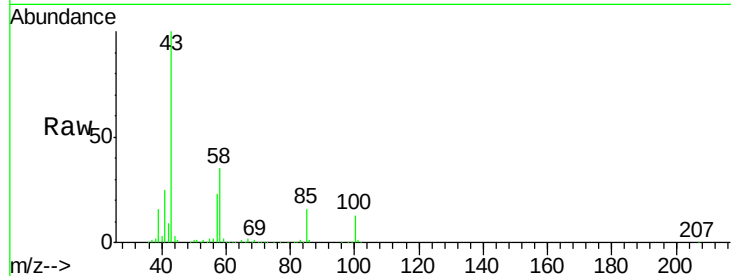
VN1110WBS02

Tot Ion: 43 Resp: 508062

Ion Ratio Lower Upper

43 100

58 35.7 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) (-)

9.96

300000

250000

200000

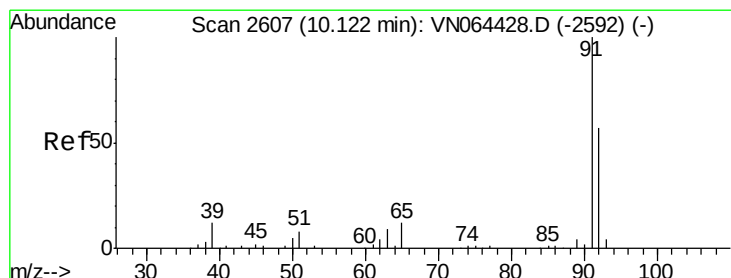
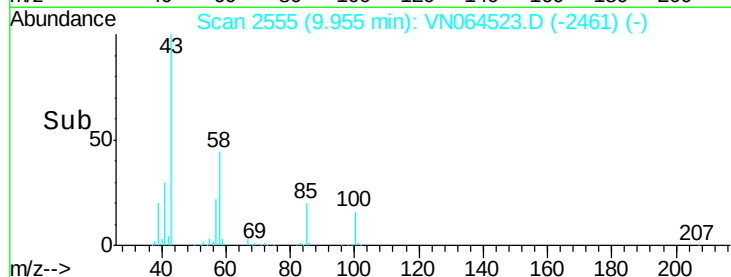
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.584 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064523.D

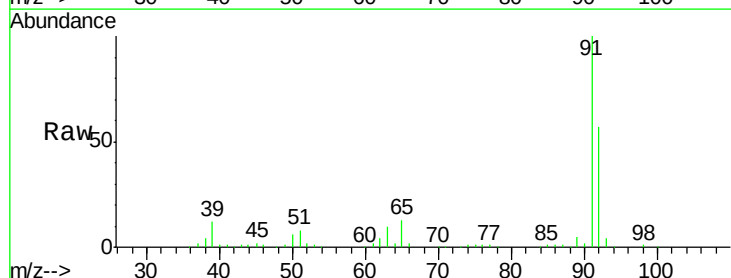
Acq: 10 Nov 2020 14:11

Tgt Ion: 92 Resp: 188011

Ion Ratio Lower Upper

92 100

91 176.1 139.6 209.4



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

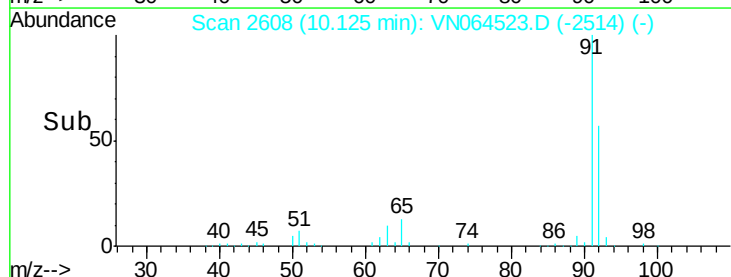
150000

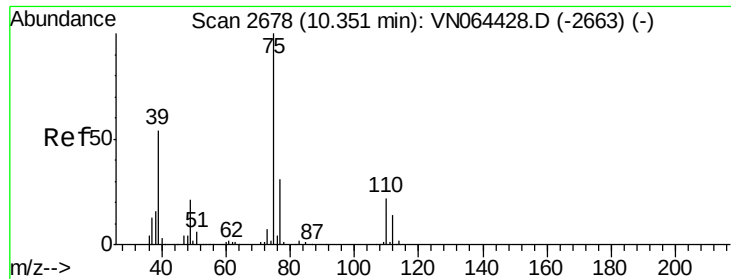
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.671 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

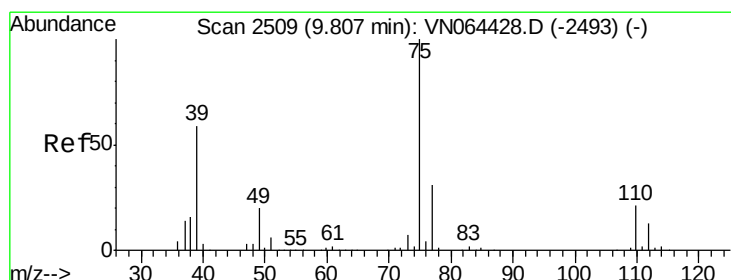
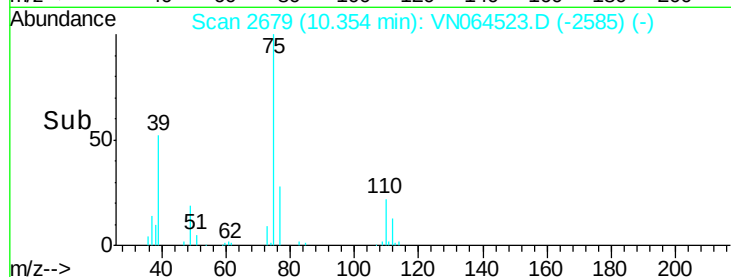
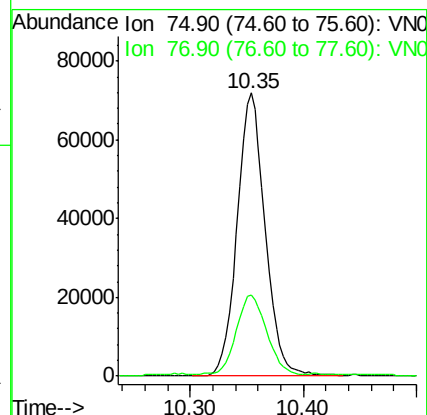
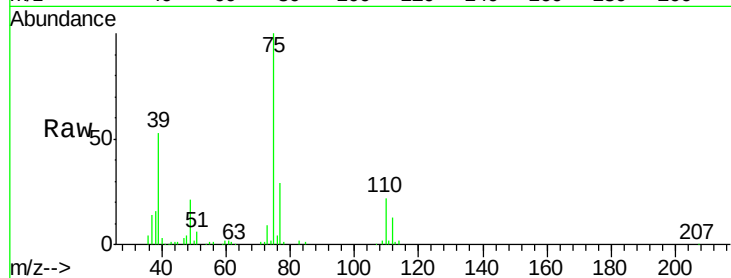
VN1110WBS02

Tot Ion: 75 Resp: 124006

Ion Ratio Lower Upper

75 100

77 28.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.505 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

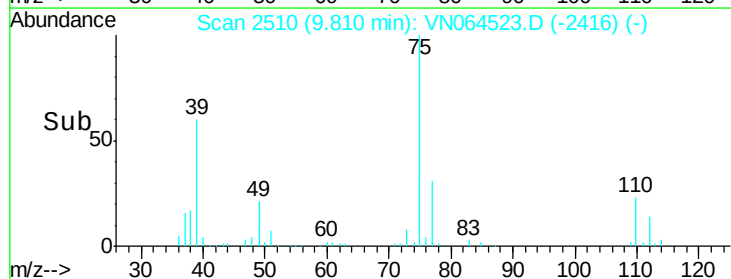
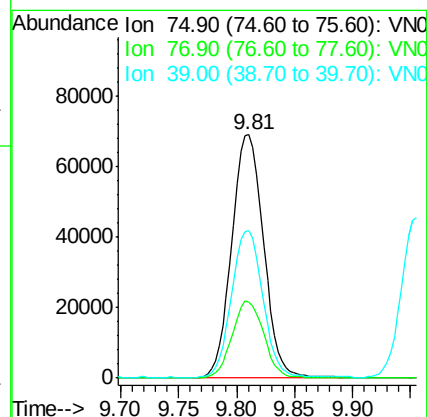
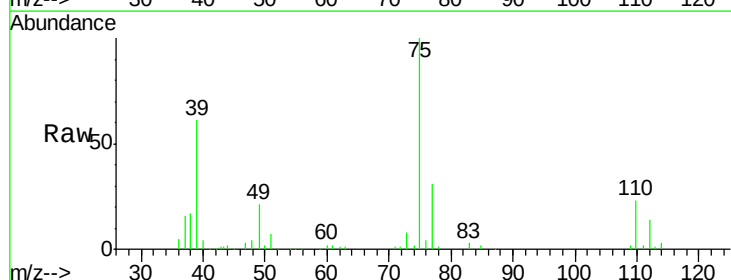
Tgt Ion: 75 Resp: 131405

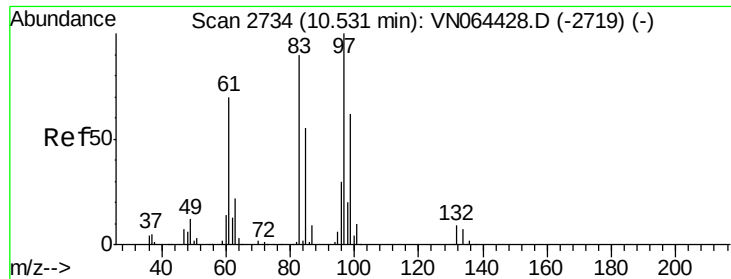
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 60.1 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 18.938 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

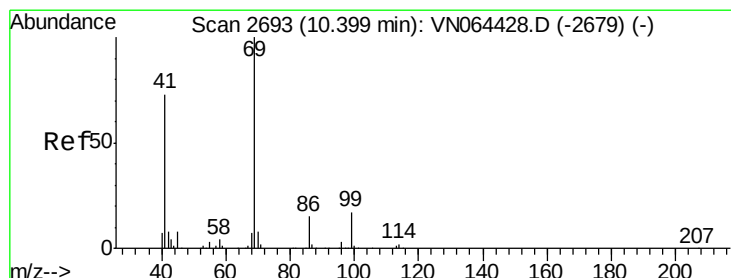
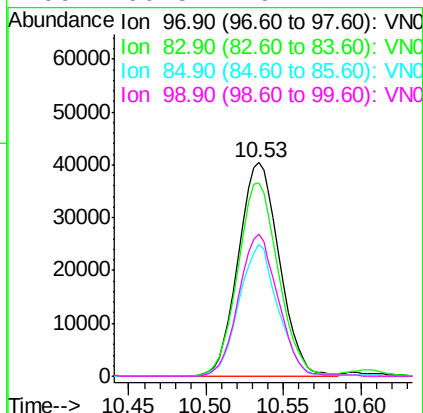
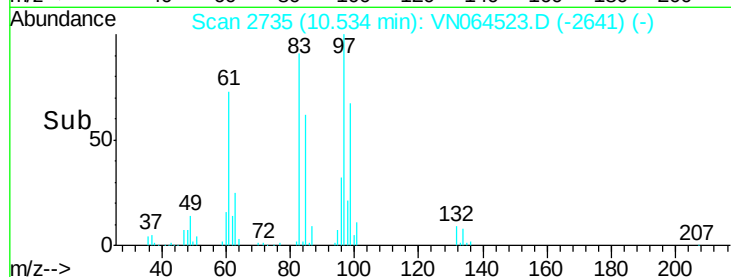
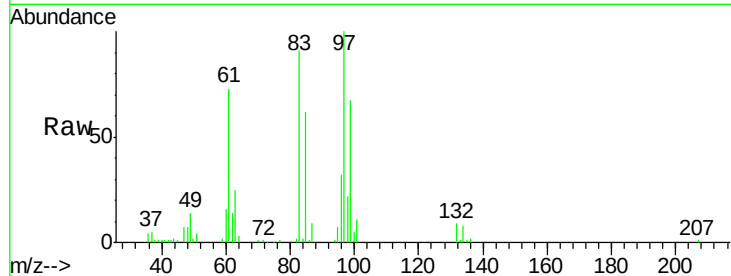
MSVOA_N

ClientSampleId :

VN1110WBS02

Tot Ion: 97 Resp: 74723

Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.7	107.5
85	61.7	44.3	66.5
99	66.5	49.4	74.2



#56

Ethyl methacrylate

Concen: 17.088 ug/l

RT: 10.40 min Scan# 2694

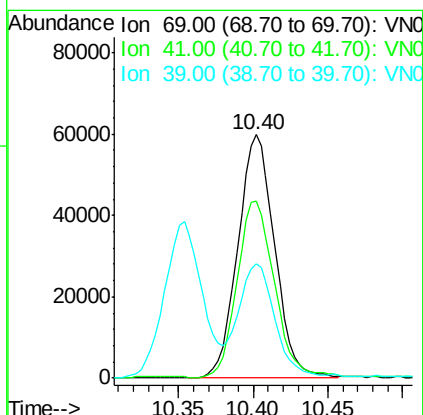
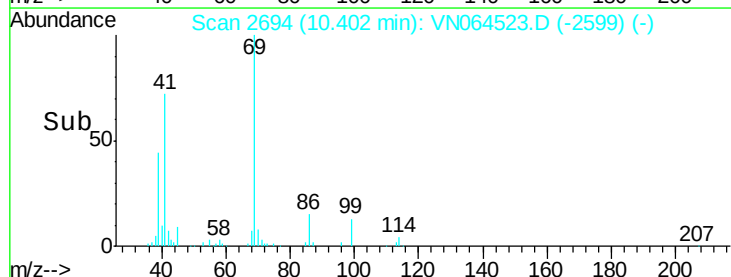
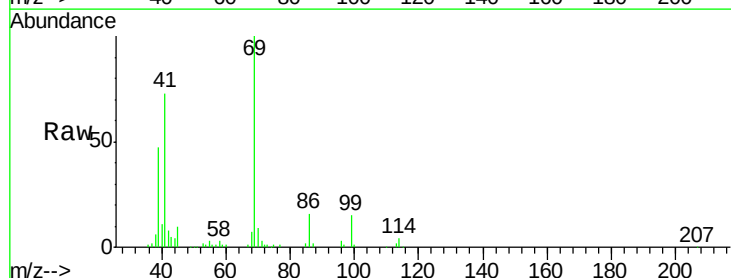
Delta R.T. 0.00 min

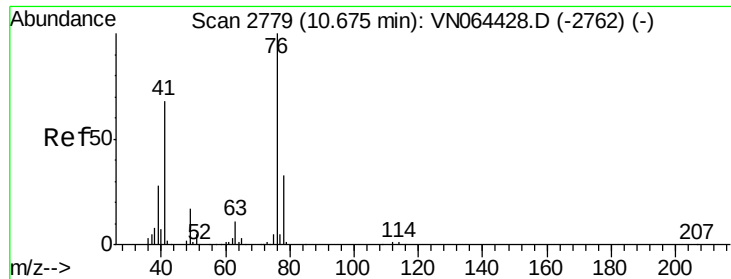
Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Tgt Ion: 69 Resp: 102760

Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.3	88.9
39	44.6	35.4	53.0

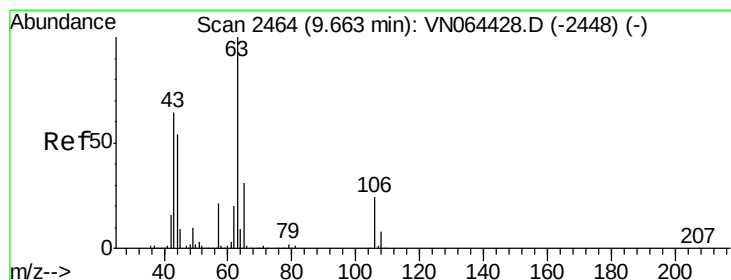
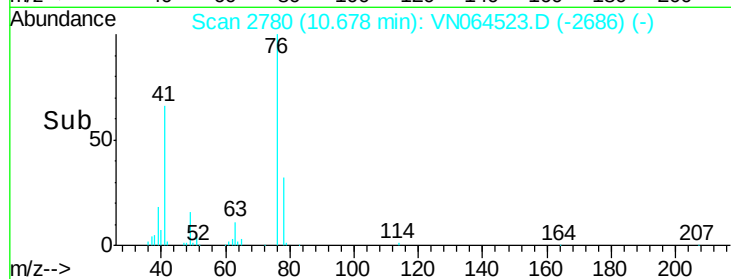
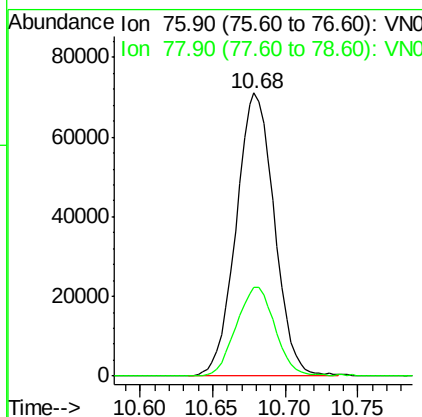
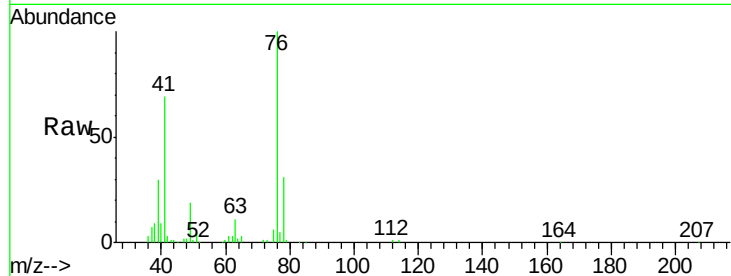




#57
 1,3-Dichloropropane
 Concen: 18.880 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

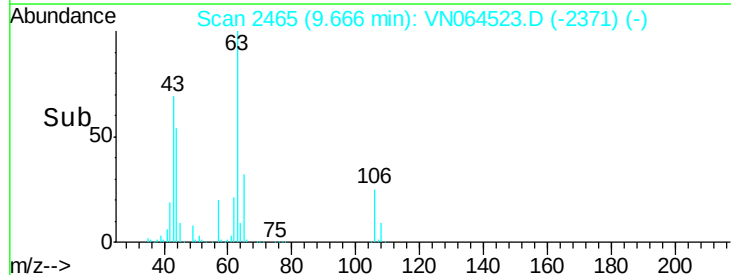
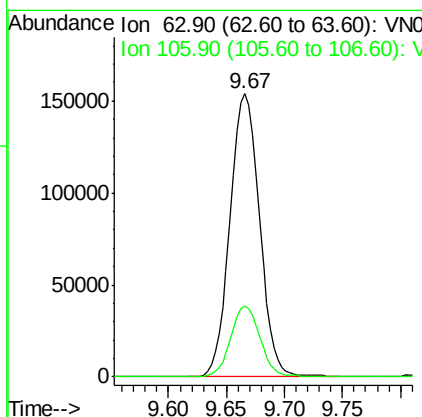
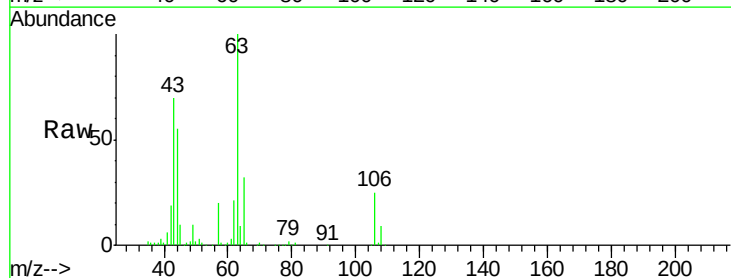
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

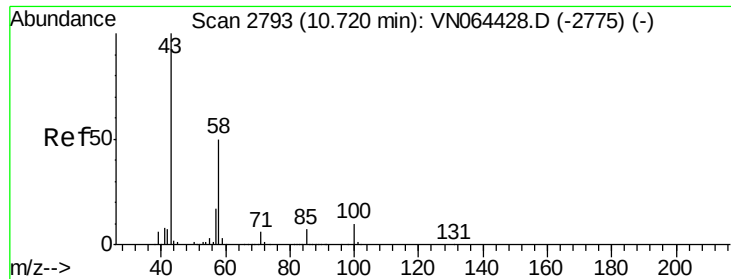
Tot Ion: 76 Resp: 130027
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.853 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion: 63 Resp: 272944
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.5 29.3

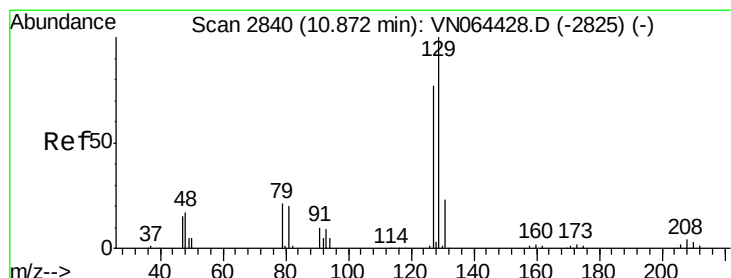
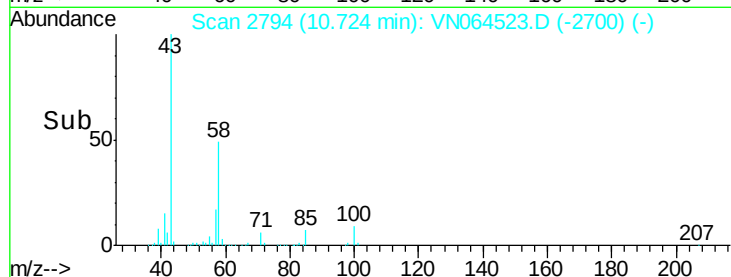
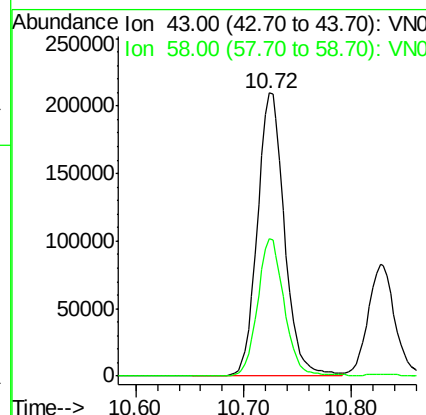
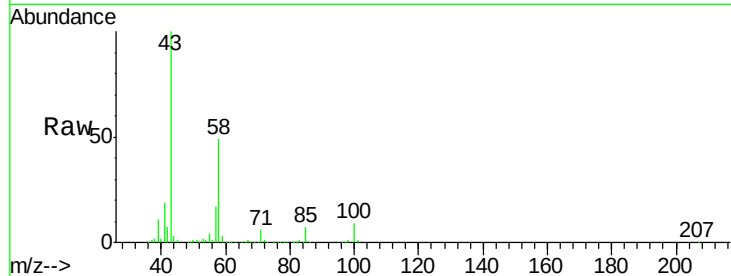




#59
2-Hexanone
Concen: 86.143 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

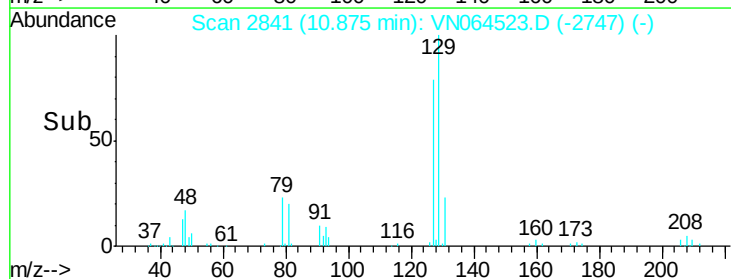
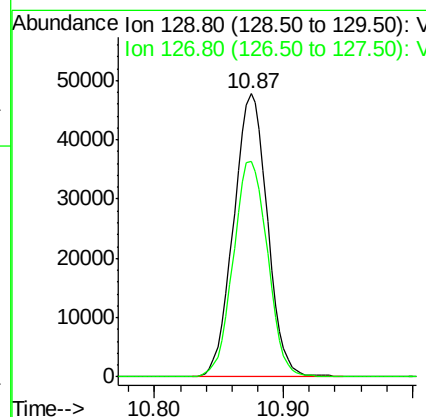
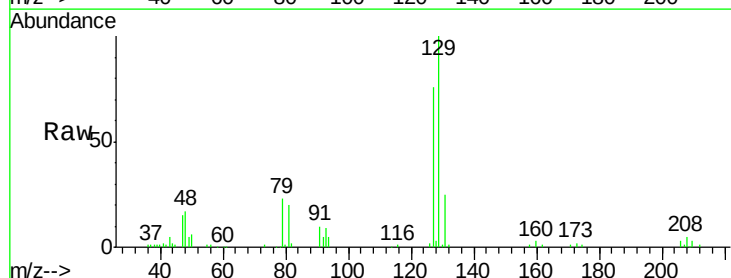
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

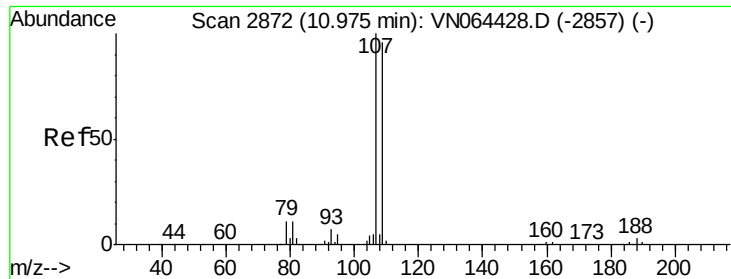
Tot Ion: 43 Resp: 363073
Ion Ratio Lower Upper
43 100
58 48.0 24.7 74.1



#60
Dibromochloromethane
Concen: 19.712 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 129 Resp: 87077
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

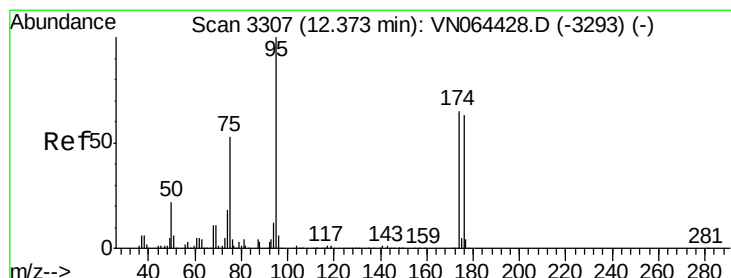
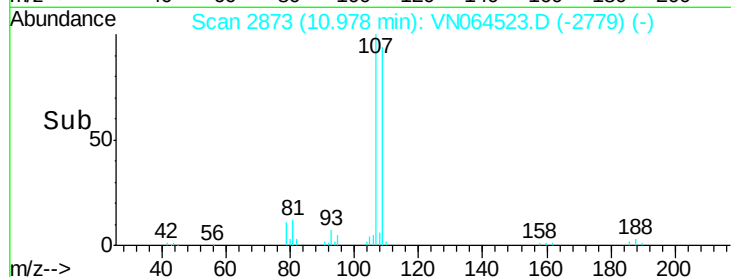
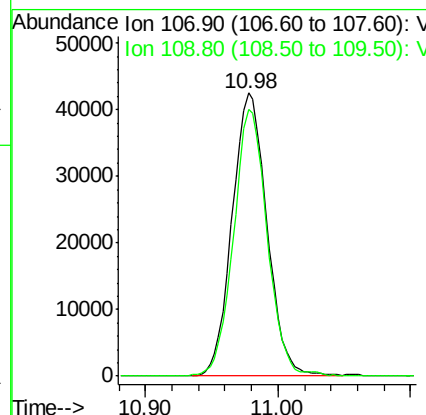
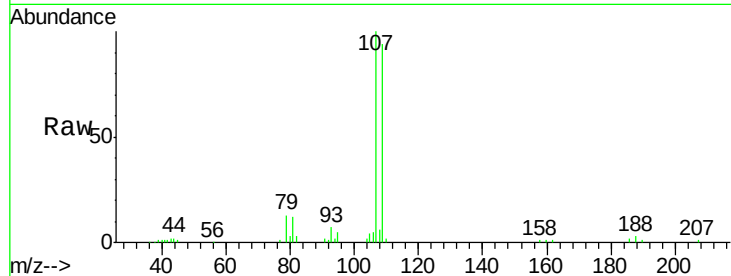




#61
 1,2-Dibromoethane
 Concen: 19.376 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

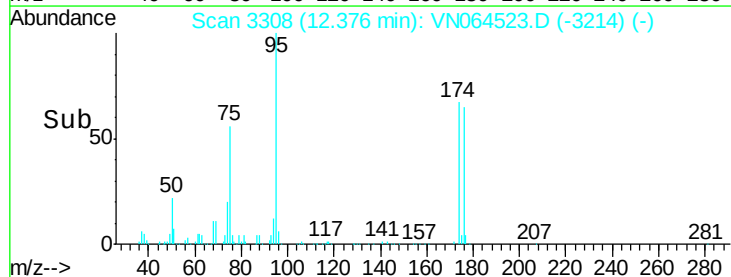
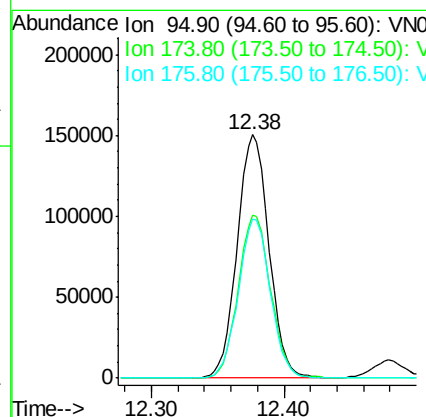
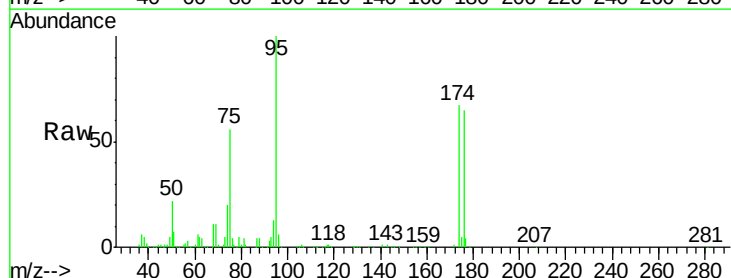
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

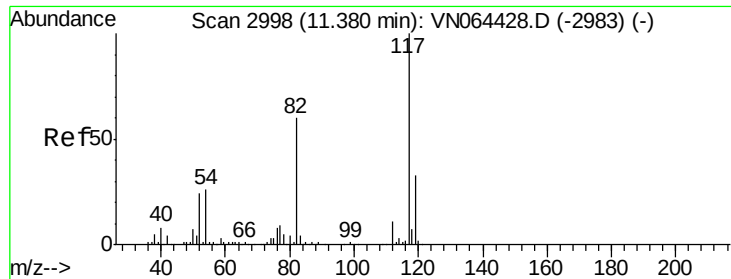
Tot Ion: 107 Resp: 77546
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.108 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion: 95 Resp: 250514
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 132.6
 176 65.7 0.0 129.2

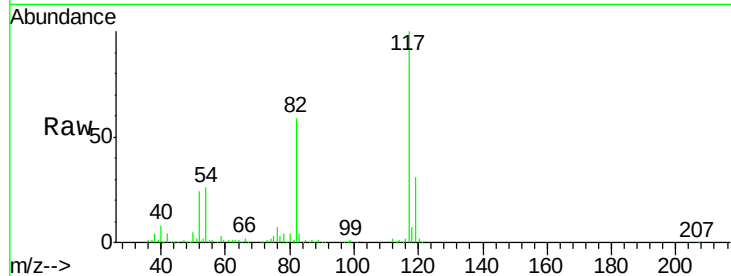




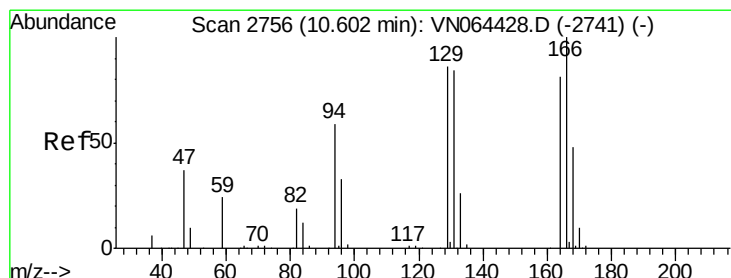
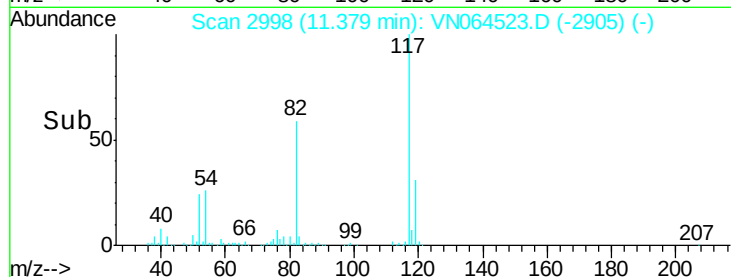
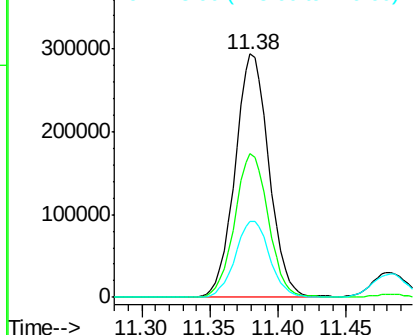
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

Tot Ion:117 Resp: 506250
Ion Ratio Lower Upper
117 100
82 58.9 48.1 72.1
119 31.2 26.2 39.4

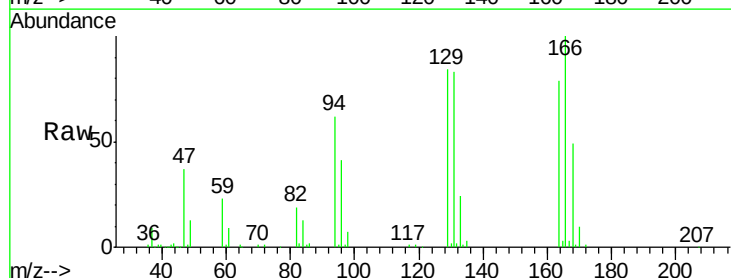


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

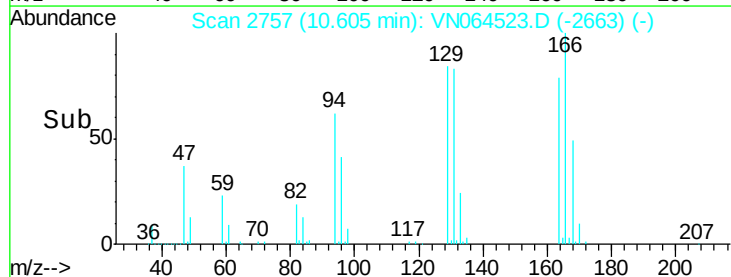
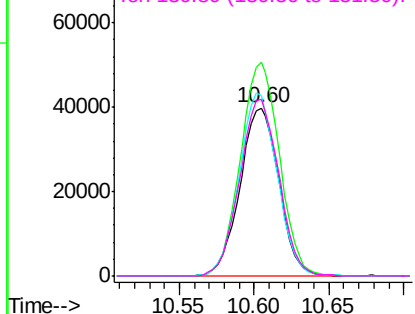


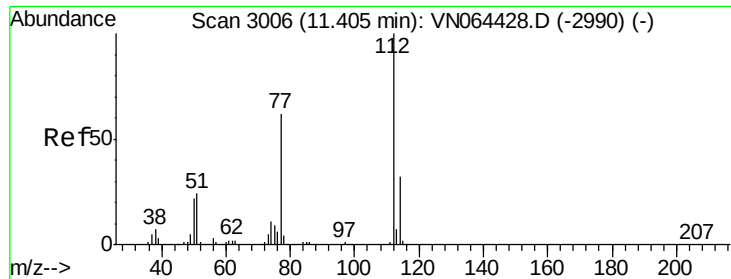
#64
Tetrachloroethene
Concen: 18.390 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion:164 Resp: 71714
Ion Ratio Lower Upper
164 100
166 127.1 98.2 147.2
129 107.2 84.6 127.0
131 105.1 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

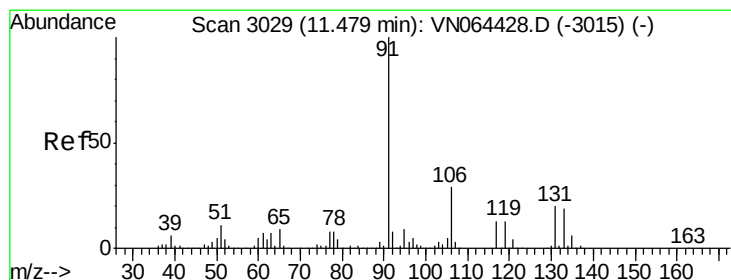
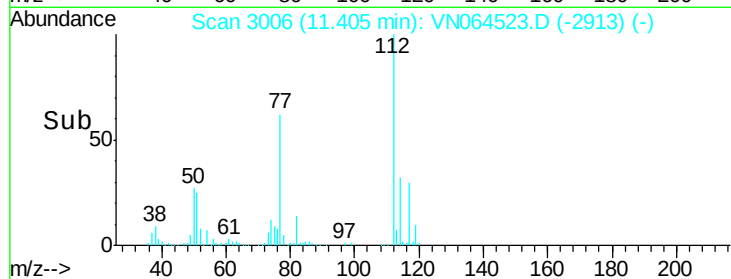
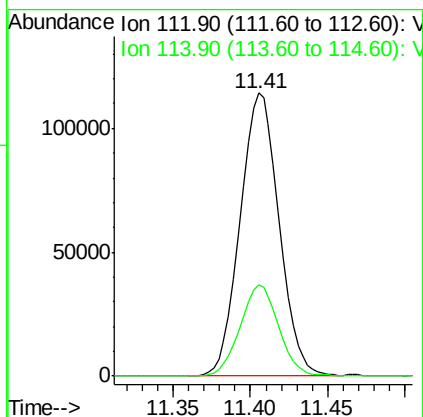
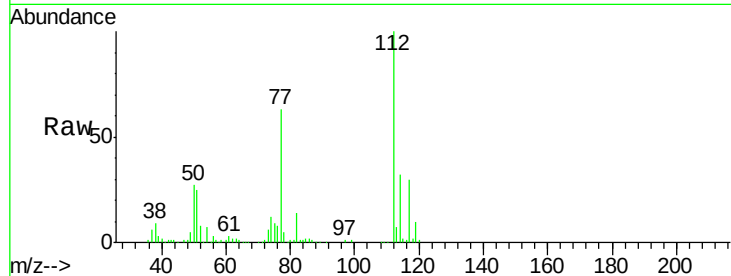




#65
Chlorobenzene
Concen: 18.042 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

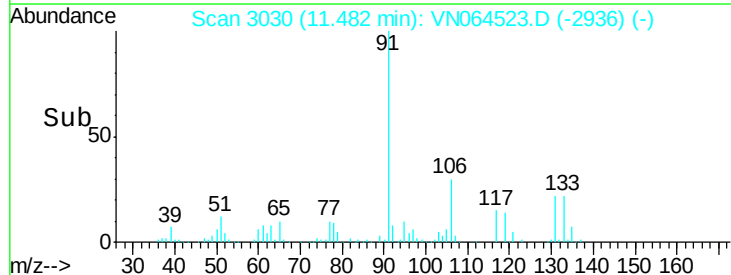
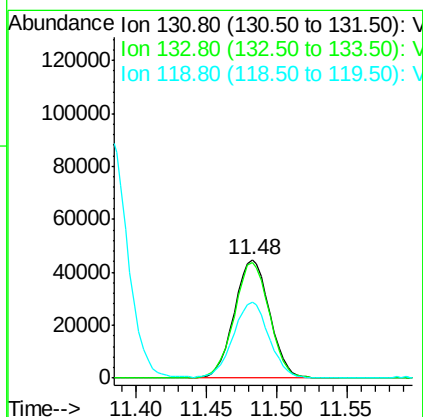
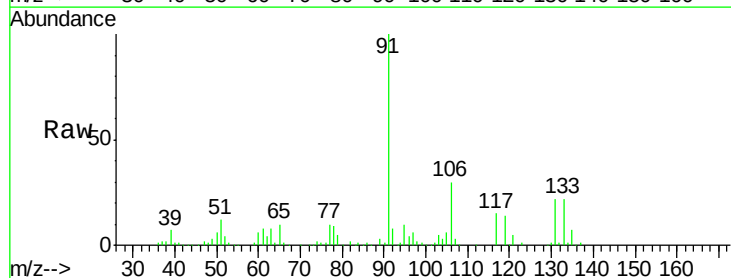
Instrument :
MSVOA_N
ClientSampled :
VN1110WBS02

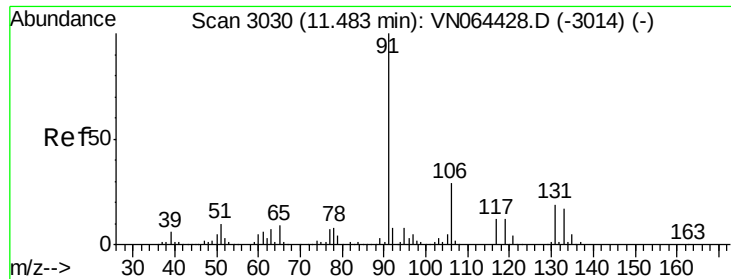
Tot Ion:112 Resp: 200231
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.061 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion:131 Resp: 78918
Ion Ratio Lower Upper
131 100
133 96.6 46.9 140.7
119 65.1 32.1 96.5

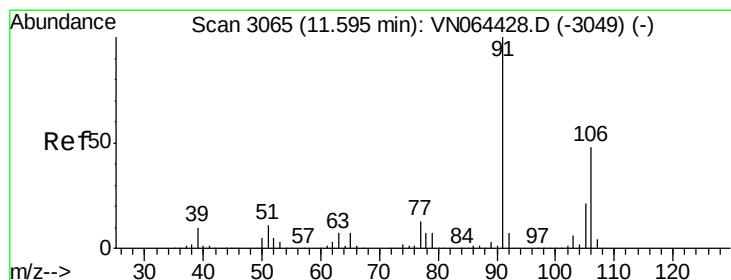
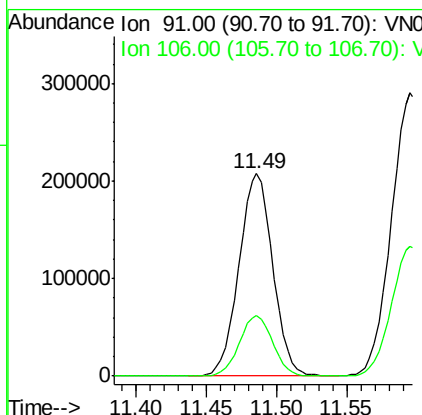
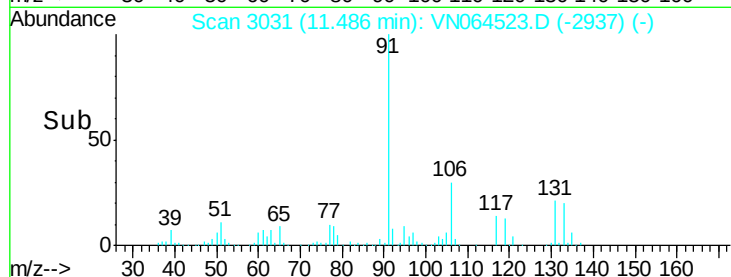
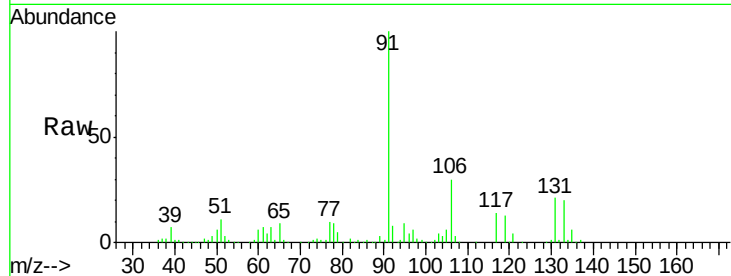




#67
Ethyl Benzene
Concen: 17.664 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

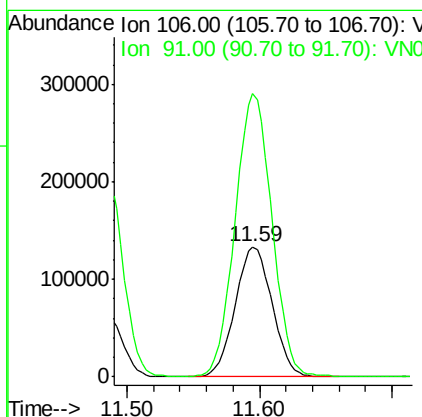
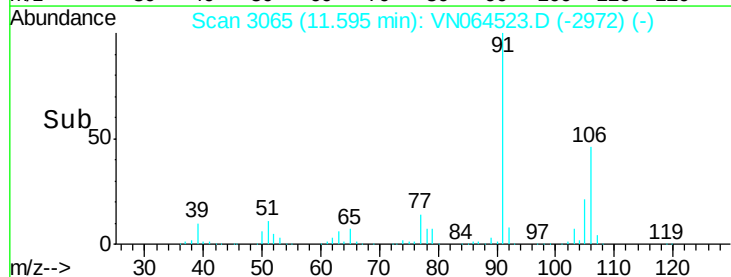
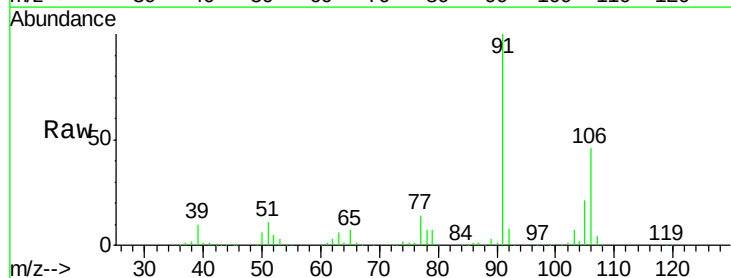
Instrument :
MSVOA_N
ClientSampled :
VN1110WBS02

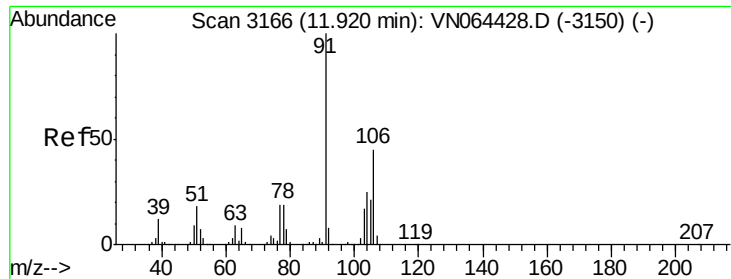
Tot Ion: 91 Resp: 348707
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 35.891 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 106 Resp: 256948
Ion Ratio Lower Upper
106 100
91 217.9 169.4 254.2

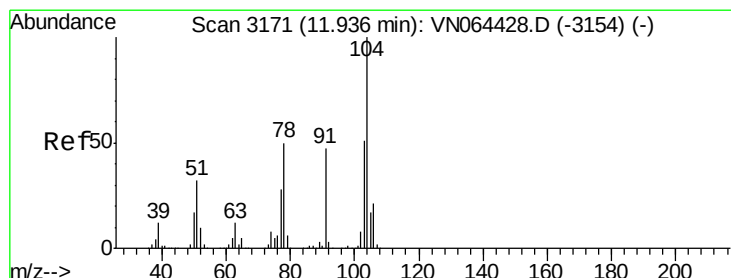
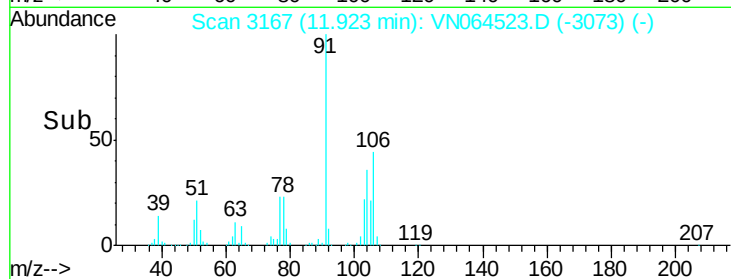
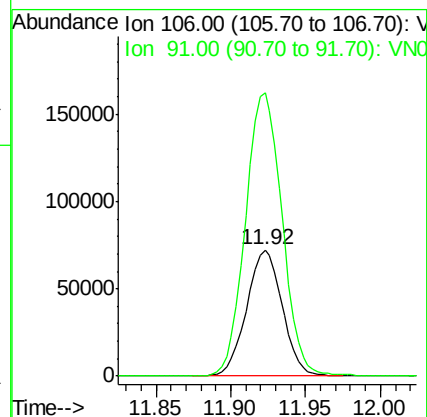
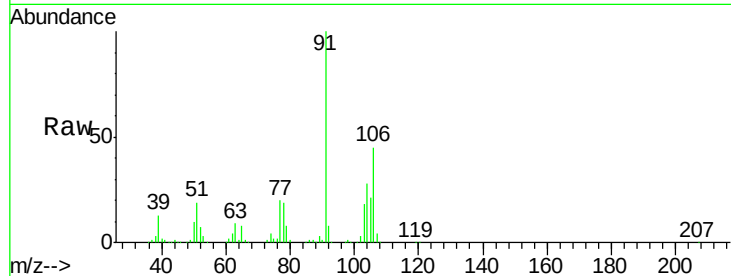




#69
o-Xylene
Concen: 17.341 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

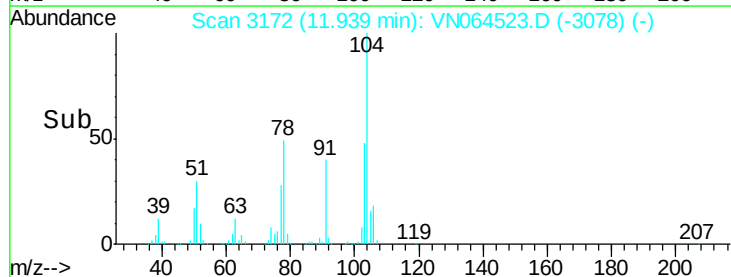
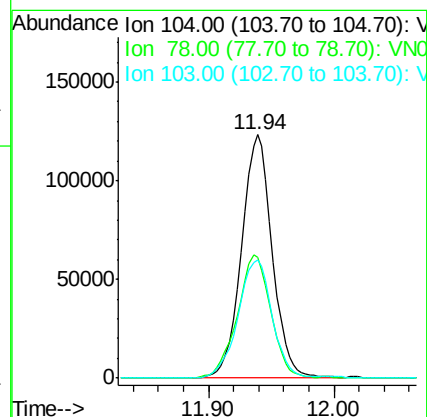
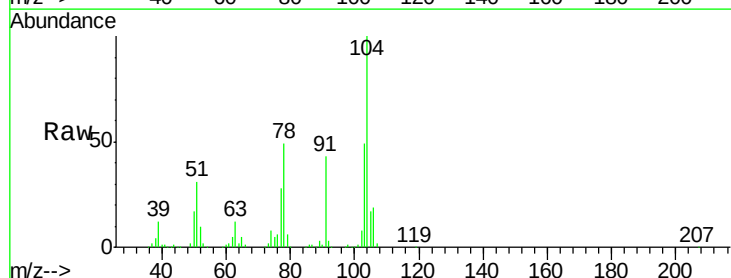
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

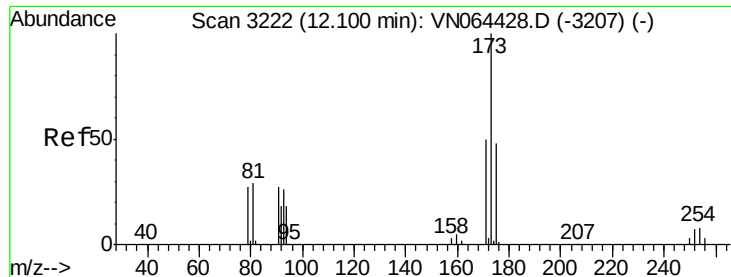
Tot Ion:106 Resp: 119962
Ion Ratio Lower Upper
106 100
91 231.0 111.7 334.9



#70
Styrene
Concen: 17.997 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion:104 Resp: 209501
Ion Ratio Lower Upper
104 100
78 55.3 44.0 66.0
103 54.2 43.8 65.6





#71

Bromoform

Concen: 18.302 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

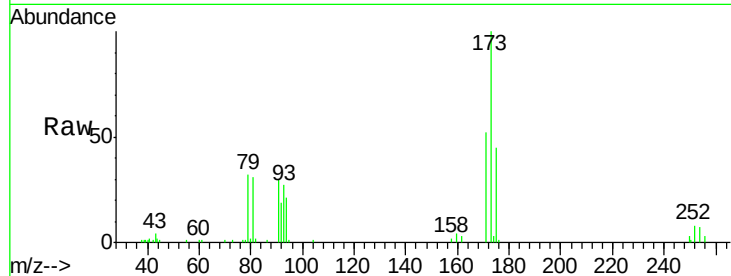
Tot Ion:173 Resp: 54317

Ion Ratio Lower Upper

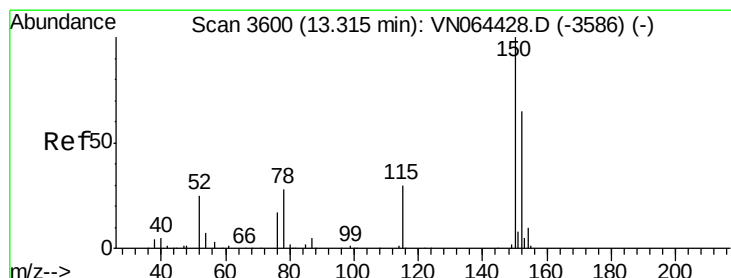
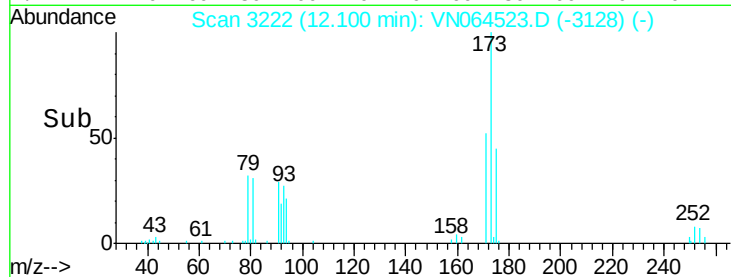
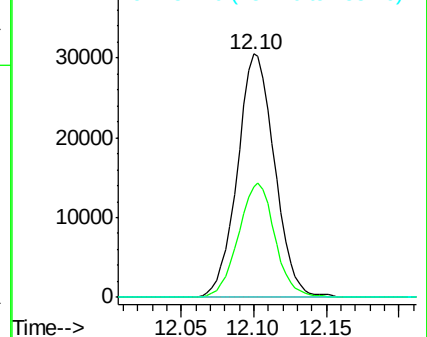
173 100

175 45.9 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: VN064523.D

Acq: 10 Nov 2020 14:11

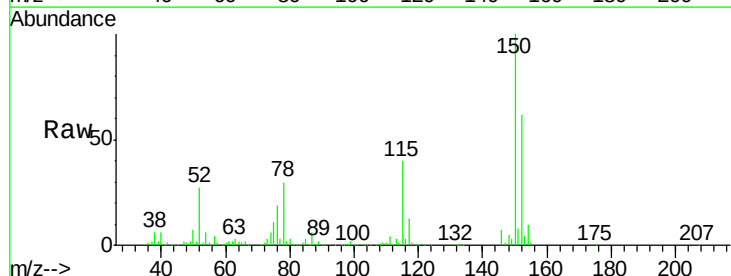
Tgt Ion:152 Resp: 225349

Ion Ratio Lower Upper

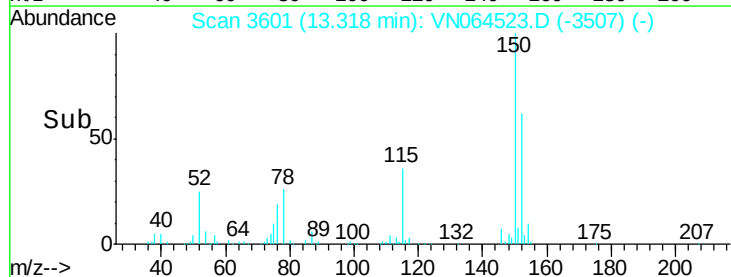
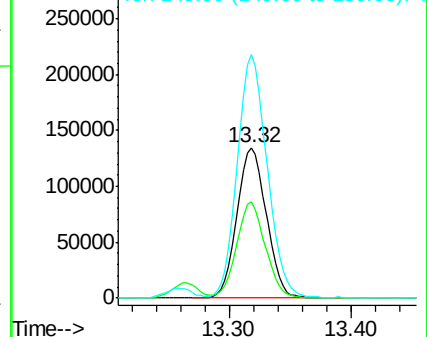
152 100

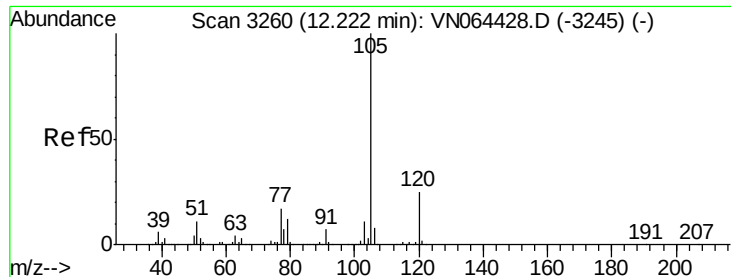
115 62.4 32.0 96.0

150 163.8 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

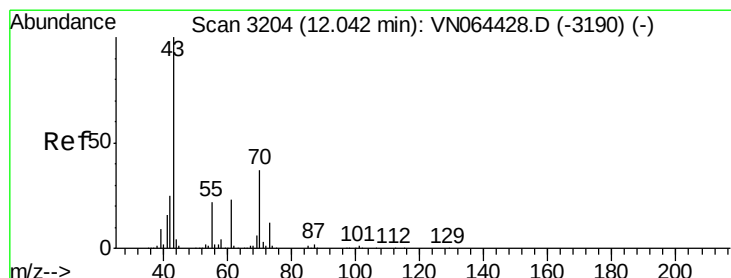
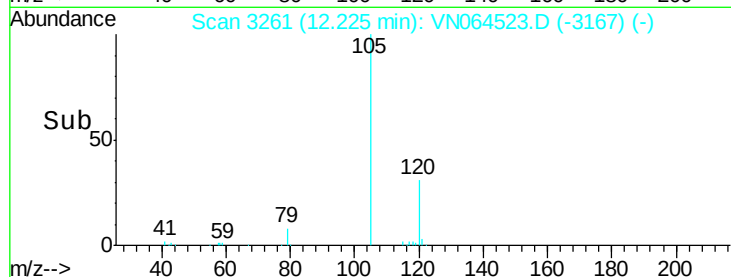
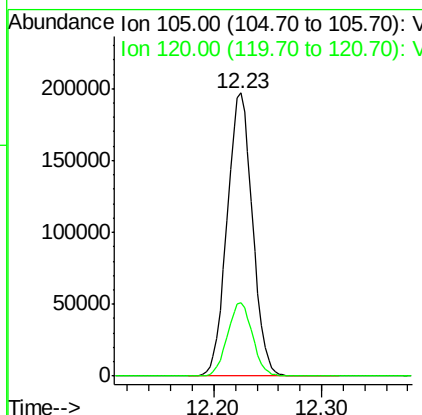
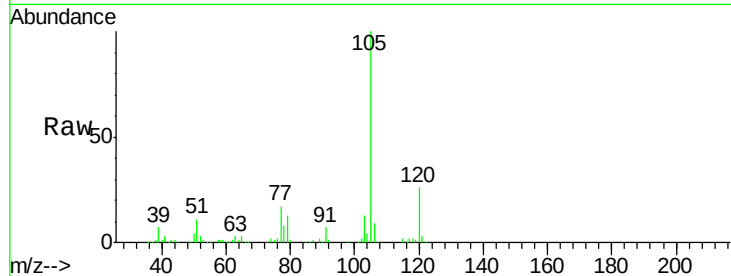




#73
Isopropylbenzene
Concen: 18.052 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

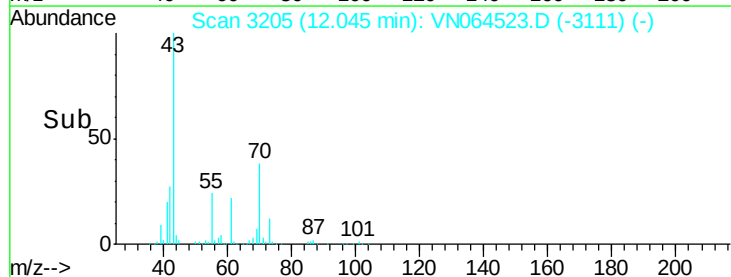
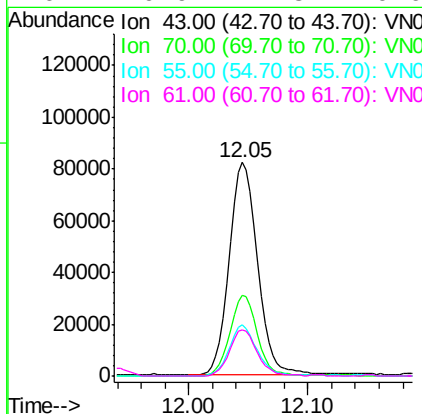
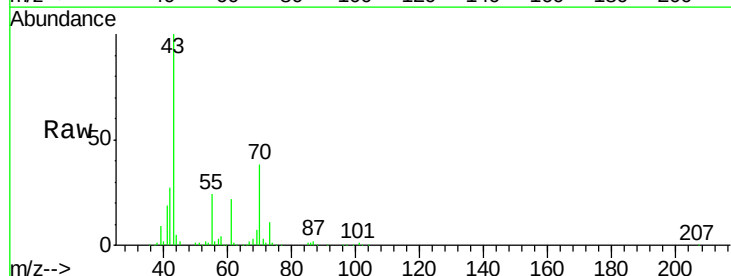
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

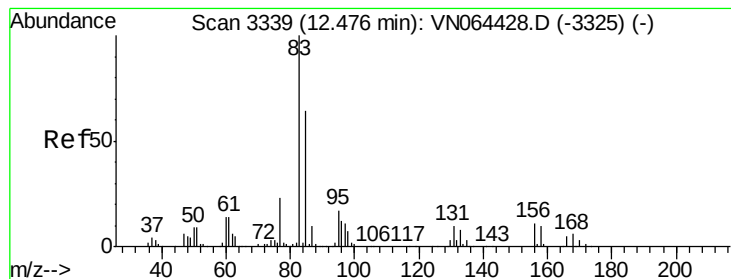
Tot Ion:105 Resp: 323340
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 16.629 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 43 Resp: 137242
Ion Ratio Lower Upper
43 100
70 36.3 29.6 44.4
55 23.2 18.4 27.6
61 20.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.194 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

VN1110WBS02

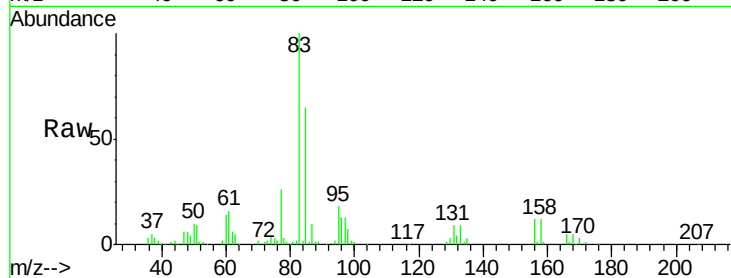
Tot Ion: 83 Resp: 105595

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

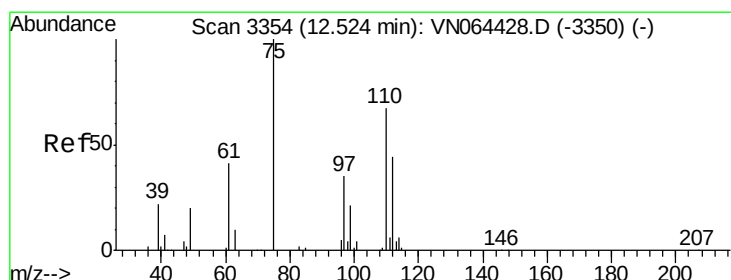
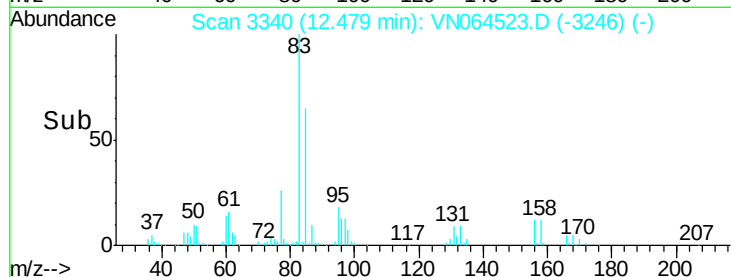
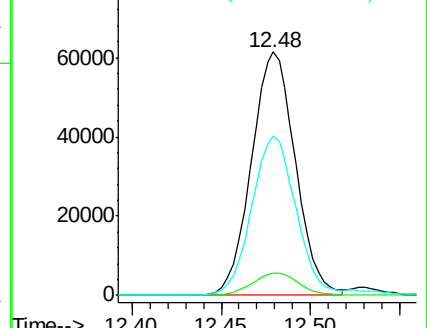
85 65.6 32.1 96.5



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: 26.783 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.01 min

Lab File: VN064523.D

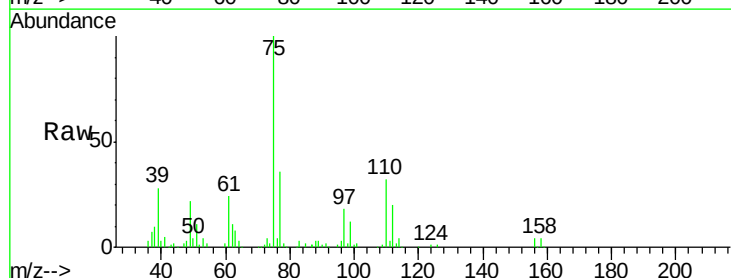
Acq: 10 Nov 2020 14:11

Tgt Ion: 75 Resp: 146238

Ion Ratio Lower Upper

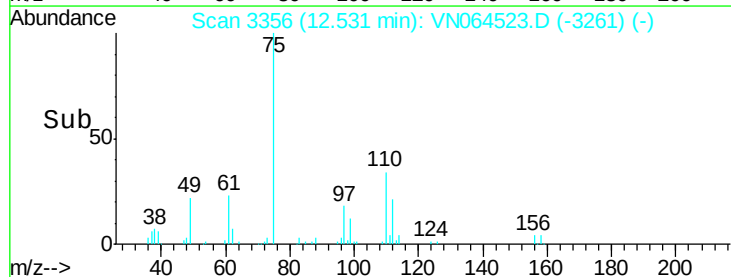
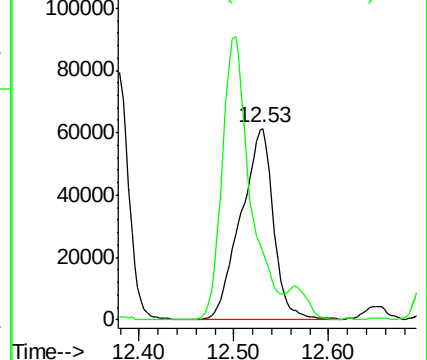
75 100

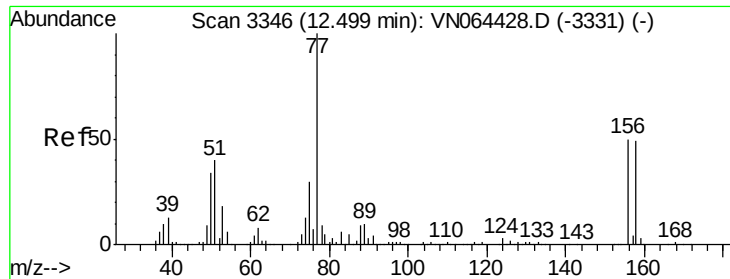
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 18.361 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS02

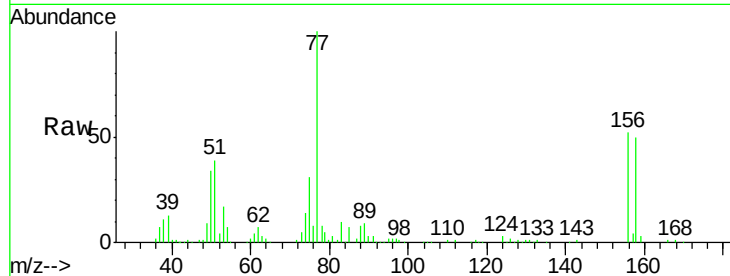
Tot Ion:156 Resp: 80294

Ion Ratio Lower Upper

156 100

77 235.5 119.0 357.0

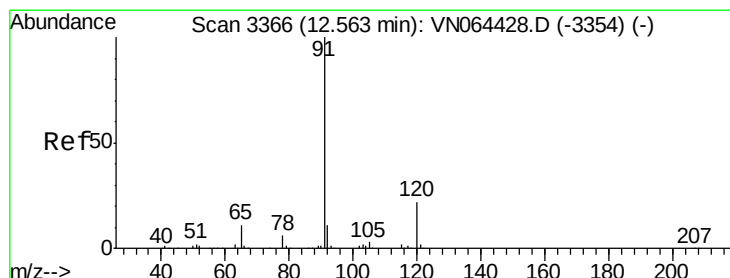
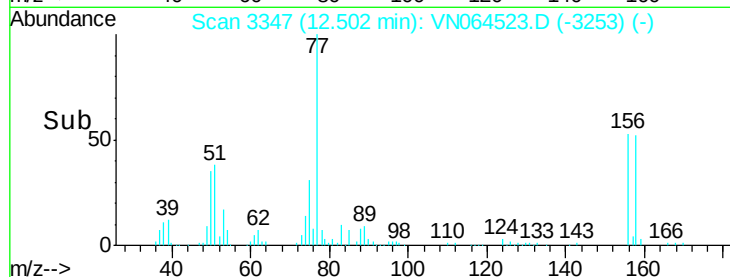
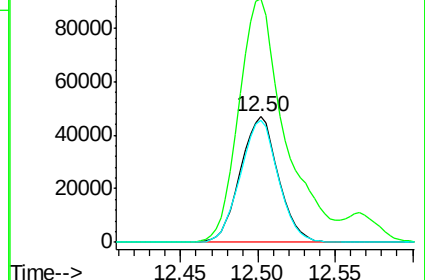
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.359 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064523.D

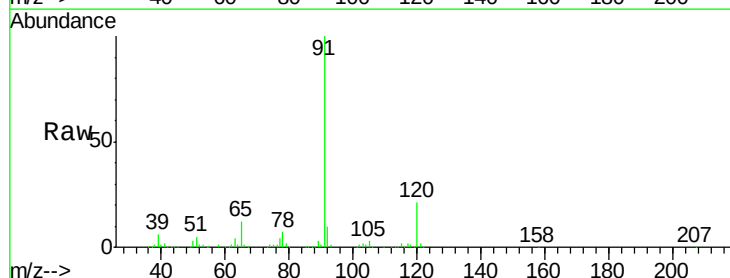
Acq: 10 Nov 2020 14:11

Tgt Ion: 91 Resp: 374901

Ion Ratio Lower Upper

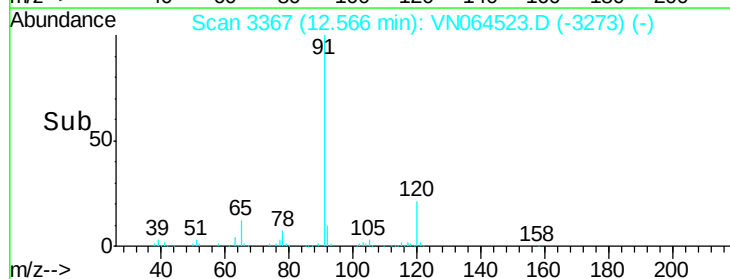
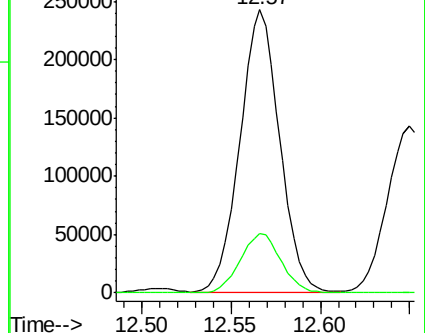
91 100

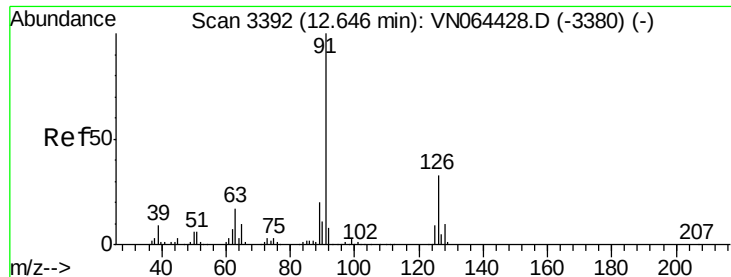
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.181 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

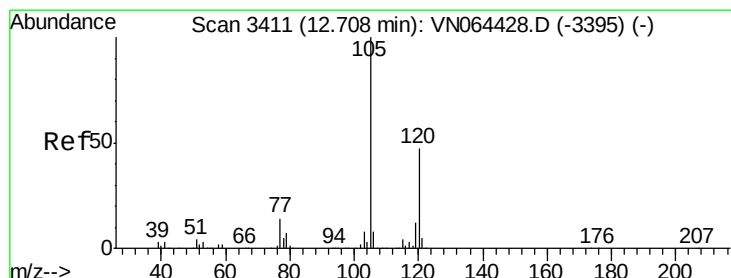
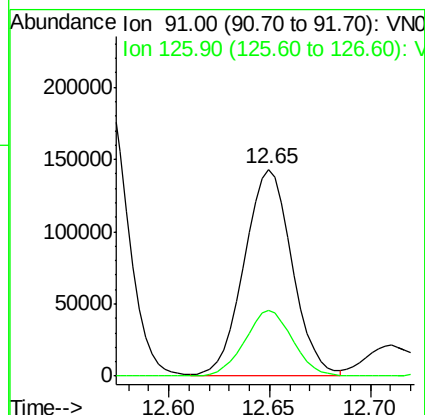
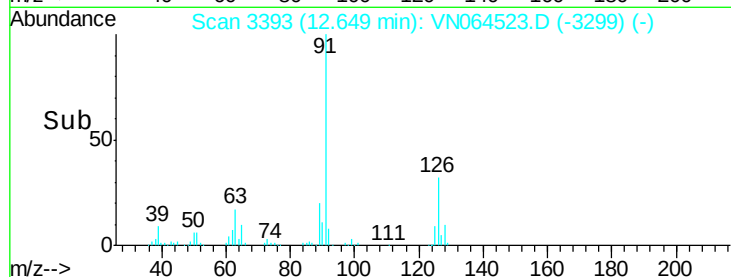
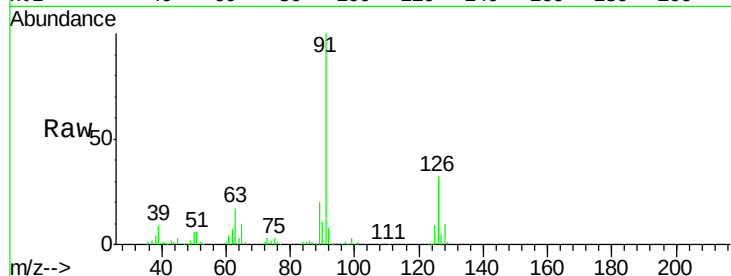
VN1110WBS02

Tot Ion: 91 Resp: 235465

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.298 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064523.D

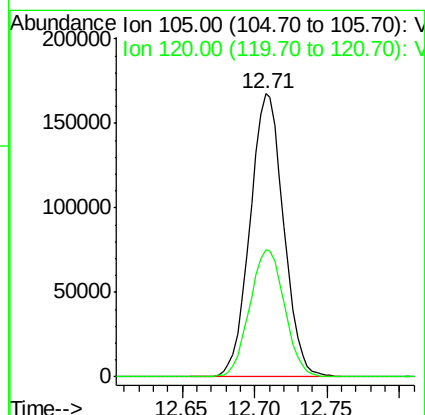
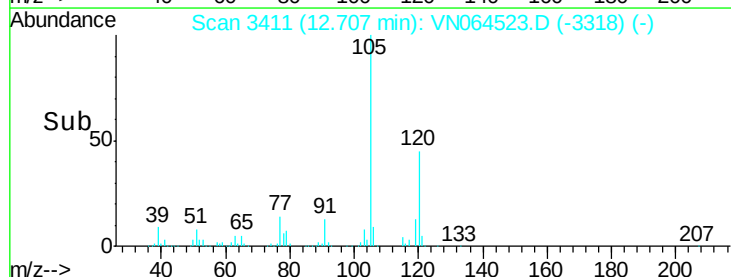
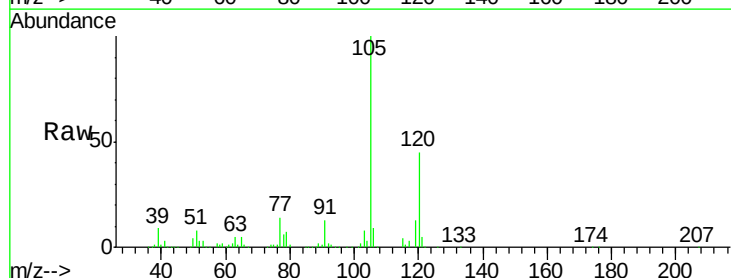
Acq: 10 Nov 2020 14:11

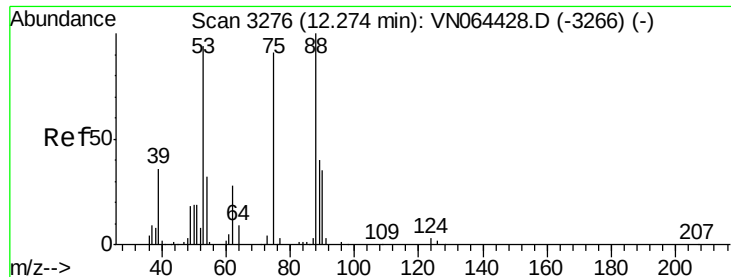
Tgt Ion: 105 Resp: 270383

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.410 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

VN1110WBS02

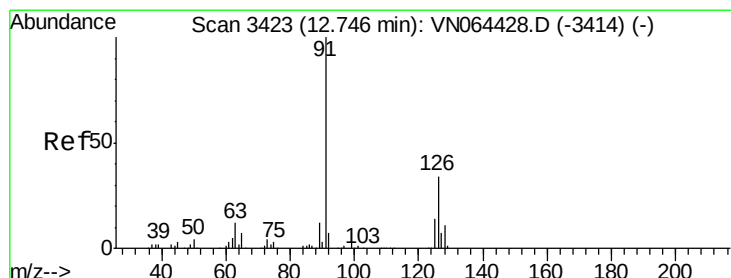
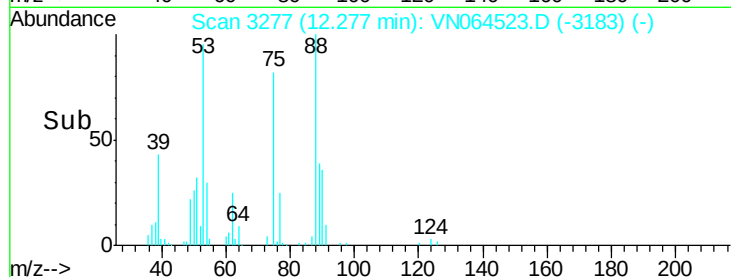
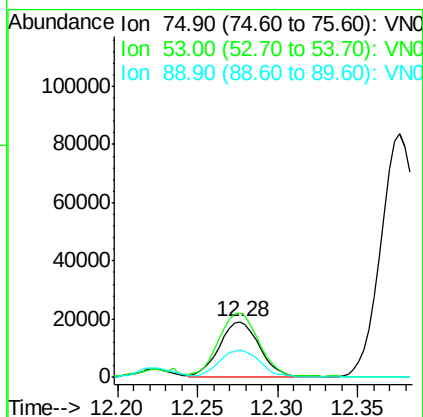
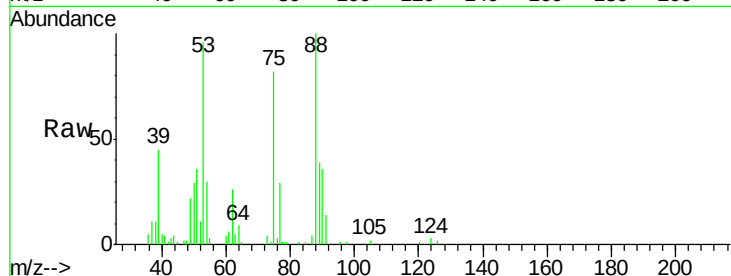
Tot Ion: 75 Resp: 32090

Ion Ratio Lower Upper

75 100

53 118.3 84.0 126.0

89 50.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.269 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064523.D

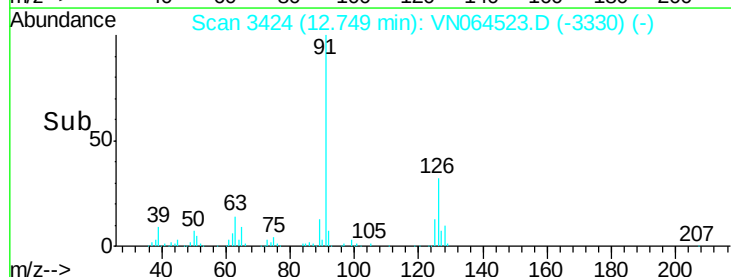
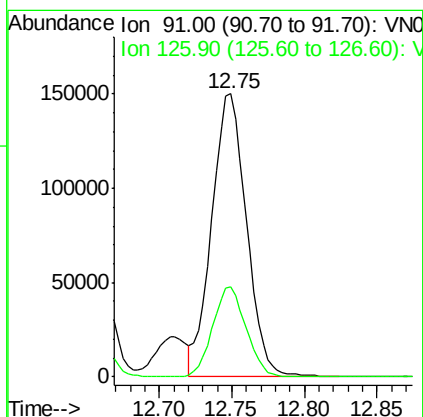
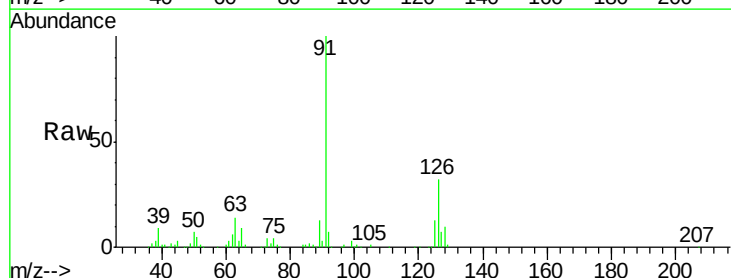
Acq: 10 Nov 2020 14:11

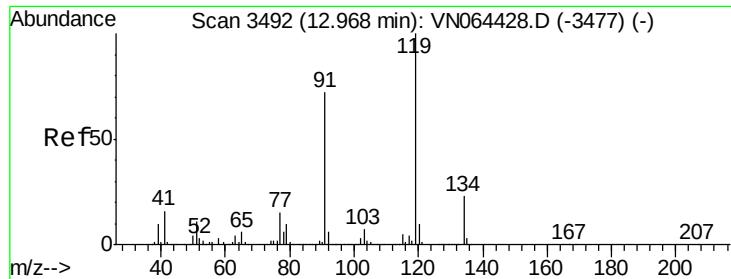
Tgt Ion: 91 Resp: 247787

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.2

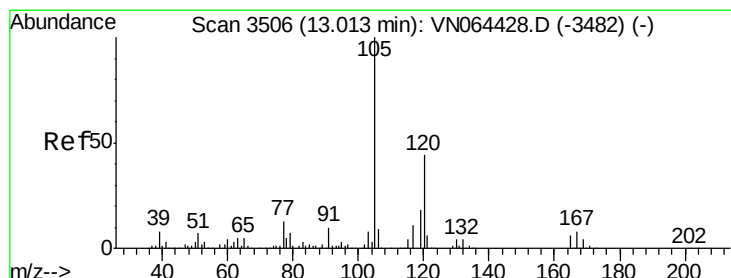
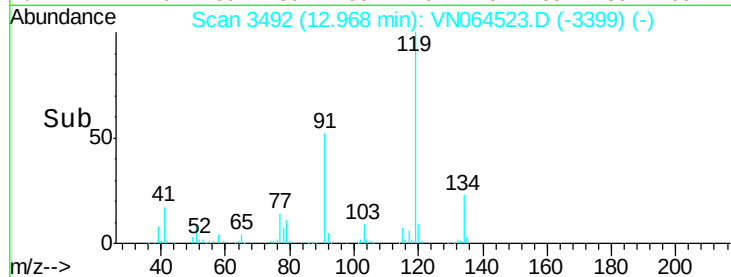
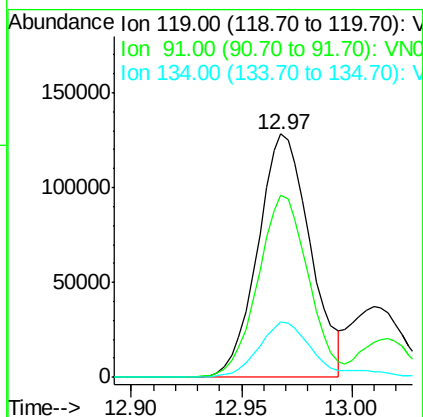
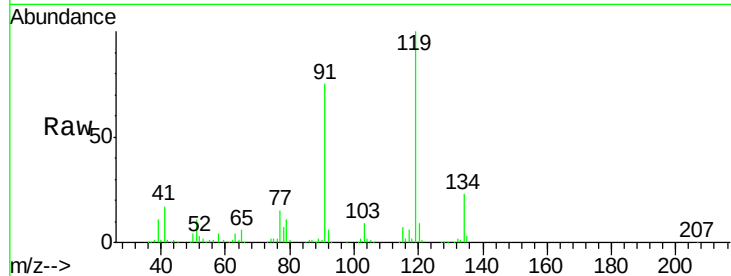




#83
 tert-Butylbenzene
 Concen: 18.249 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

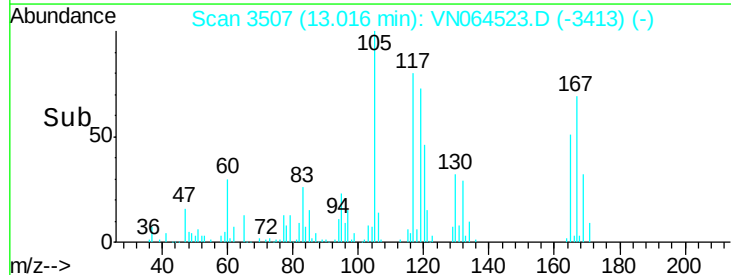
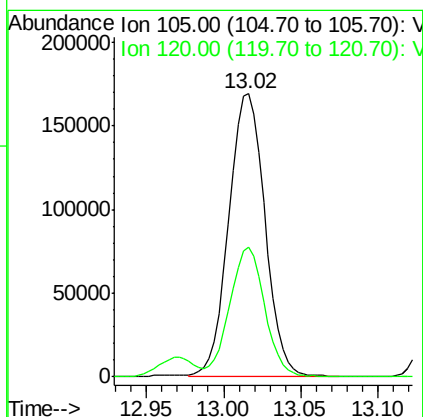
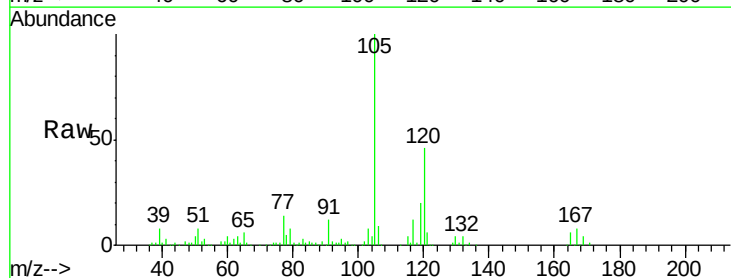
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

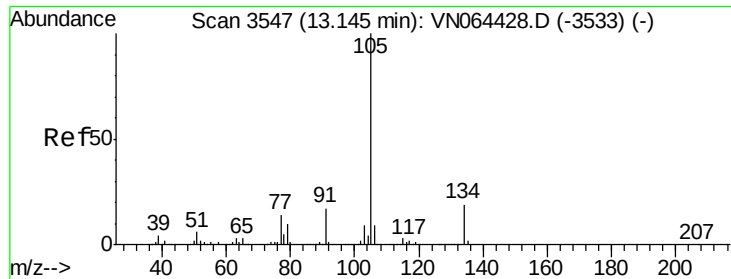
Tot Ion:119 Resp: 210608
 Ion Ratio Lower Upper
 119 100
 91 72.5 36.1 108.3
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.412 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion:105 Resp: 273499
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.933 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

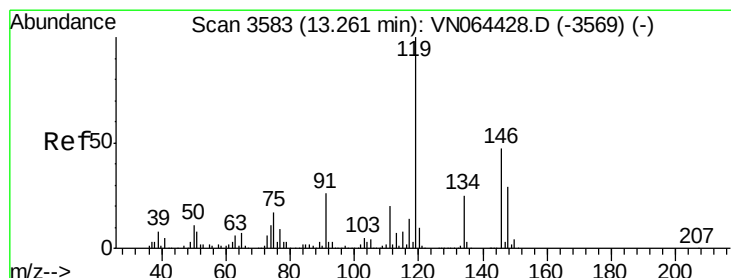
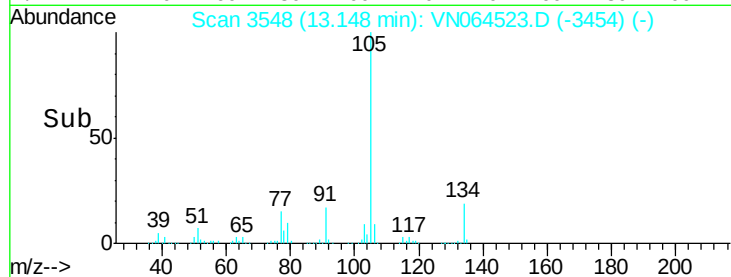
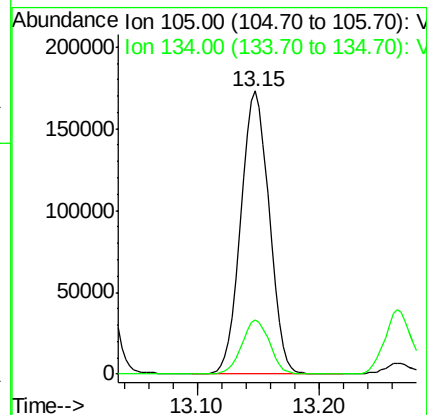
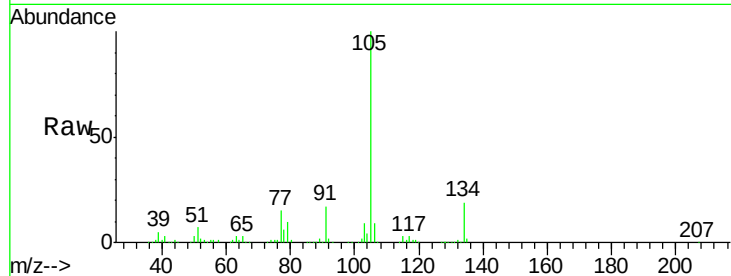
VN1110WBS02

Tot Ion:105 Resp: 276729

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.654 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064523.D

Acq: 10 Nov 2020 14:11

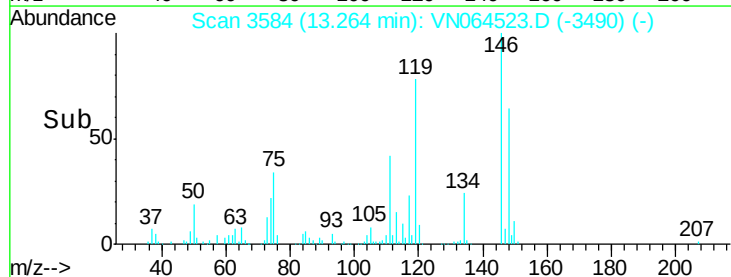
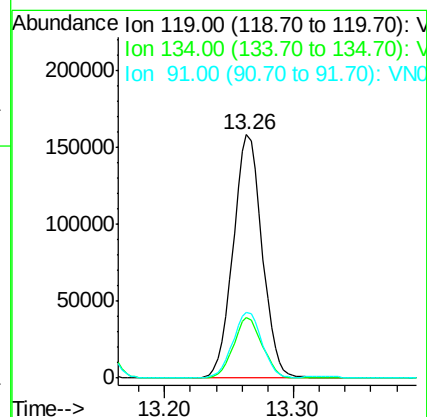
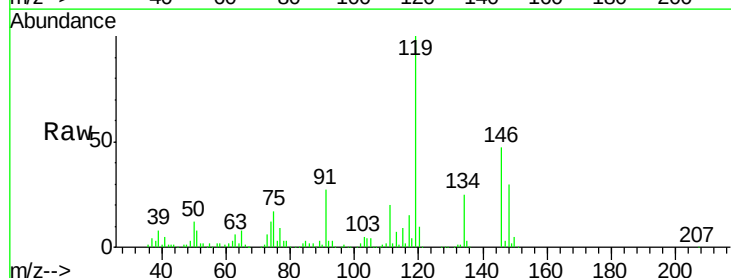
Tgt Ion:119 Resp: 245243

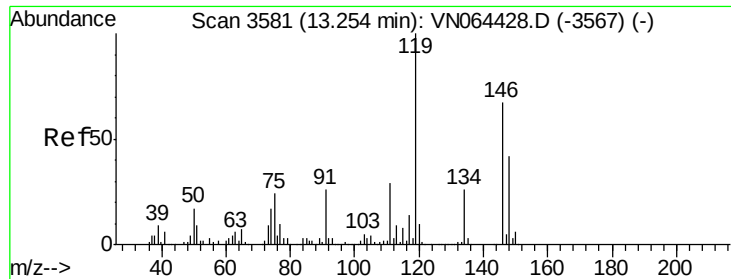
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.6

91 27.3 12.8 38.3

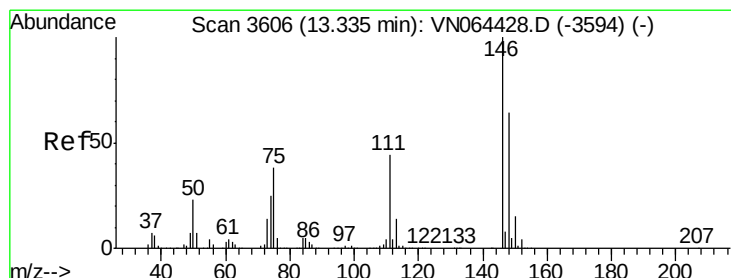
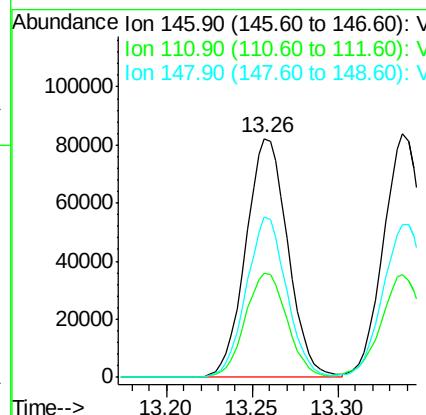
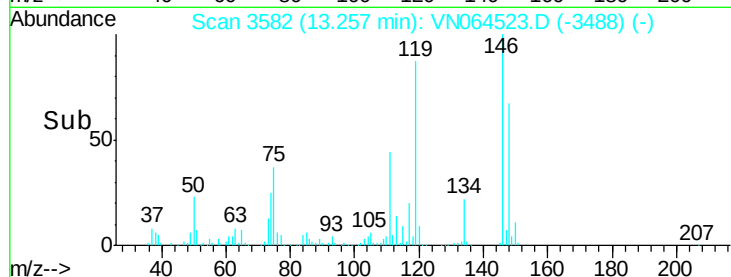
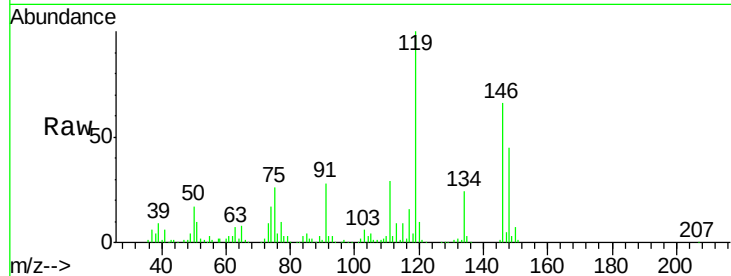




#87
 1,3-Dichlorobenzene
 Concen: 18.439 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

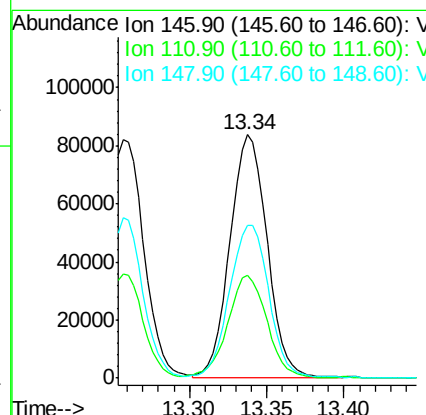
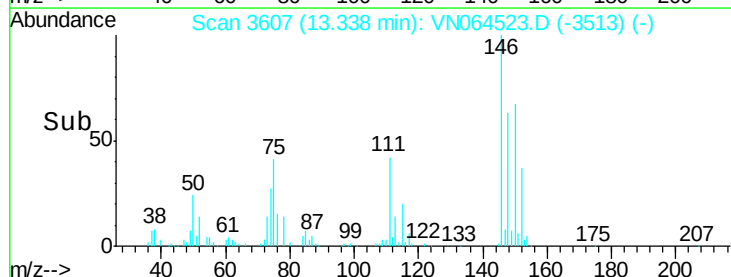
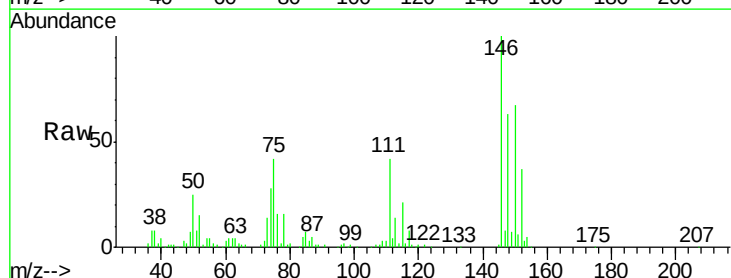
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

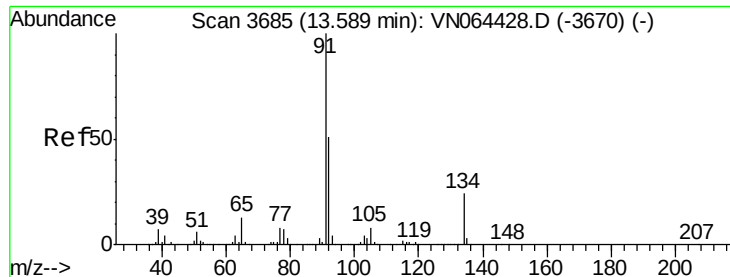
Tot Ion:146 Resp: 139384
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.1
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.790 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion:146 Resp: 138974
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.8 65.3
 148 66.2 32.4 97.2

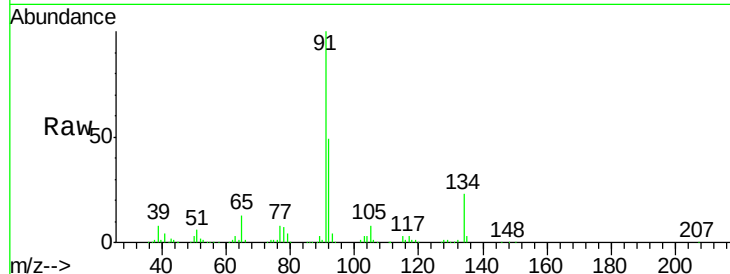




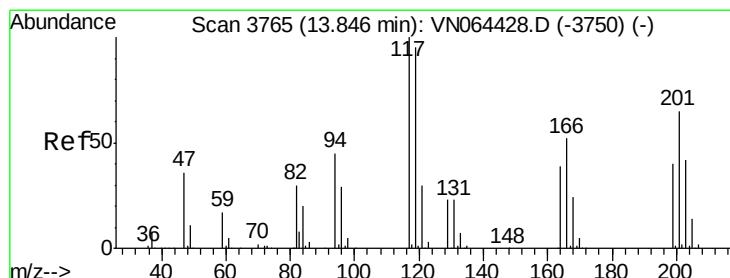
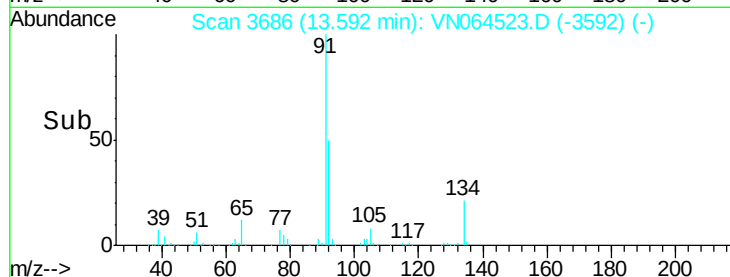
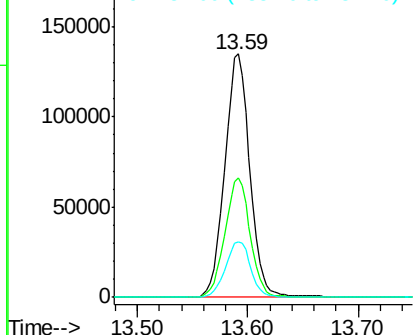
#89
n-Butylbenzene
Concen: 18.789 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

Tot Ion: 91 Resp: 212384
Ion Ratio Lower Upper
91 100
92 49.5 25.3 75.9
134 22.8 11.8 35.4

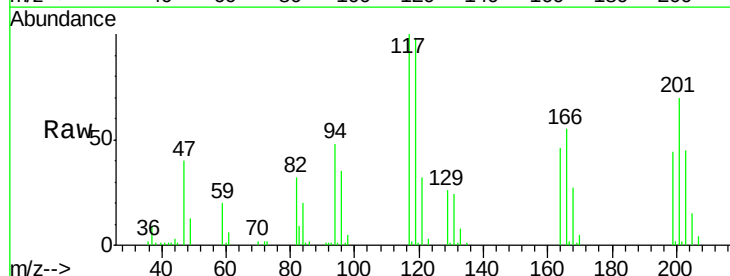


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

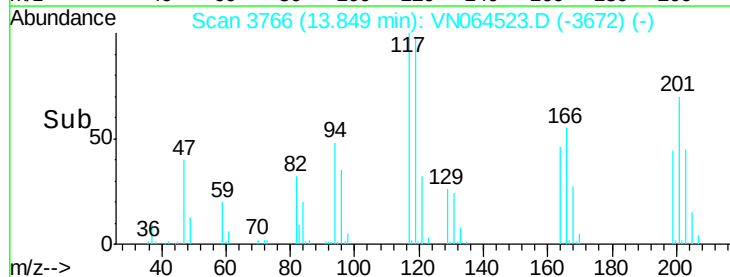
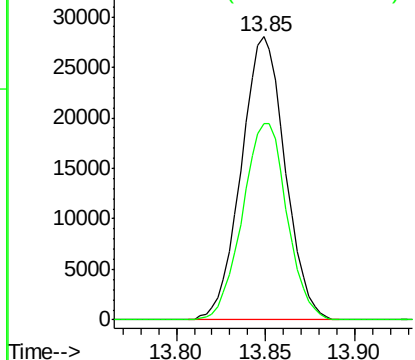


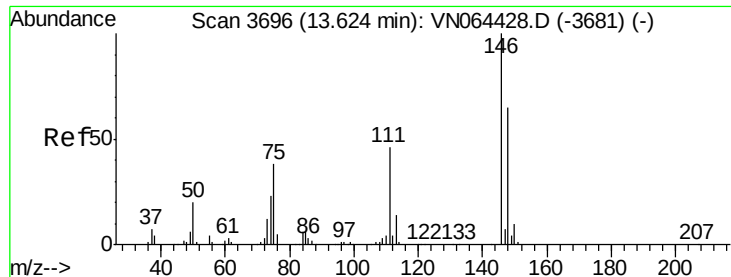
#90
Hexachloroethane
Concen: 18.941 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion: 117 Resp: 48036
Ion Ratio Lower Upper
117 100
201 70.3 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

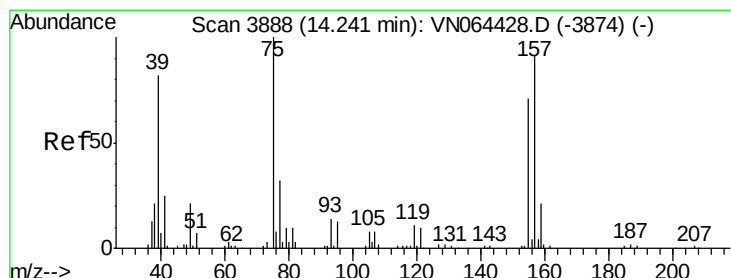
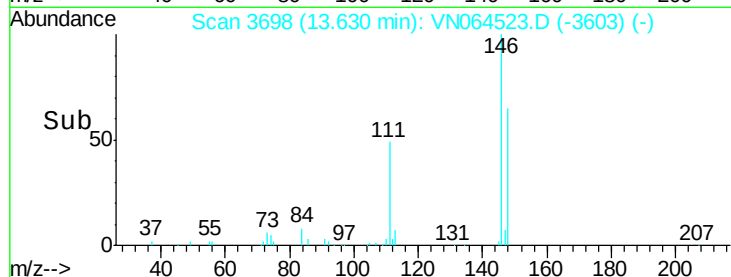
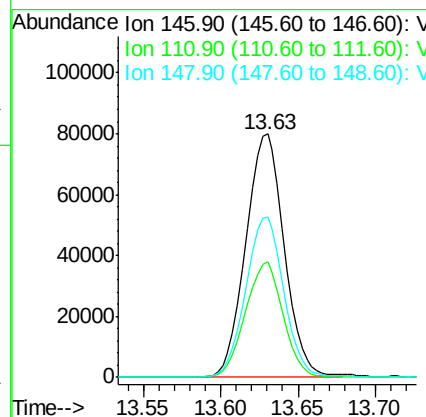
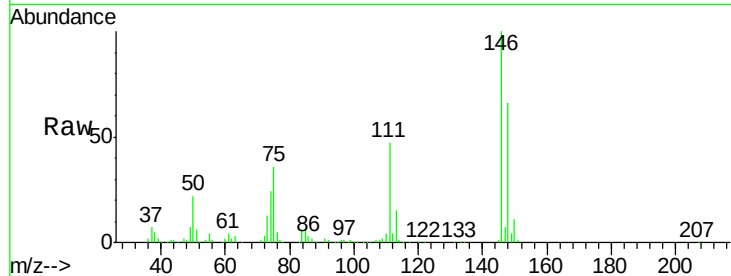




#91
 1,2-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

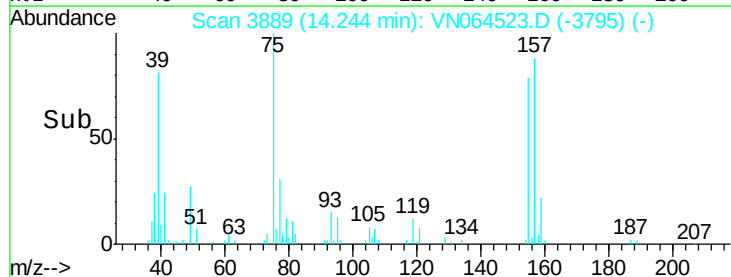
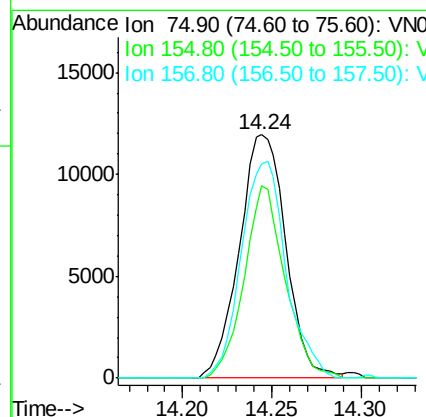
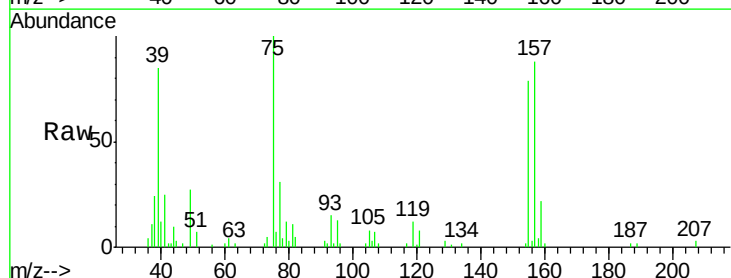
Instrument :
 MSVOA_N
 ClientSampled :
 VN1110WBS02

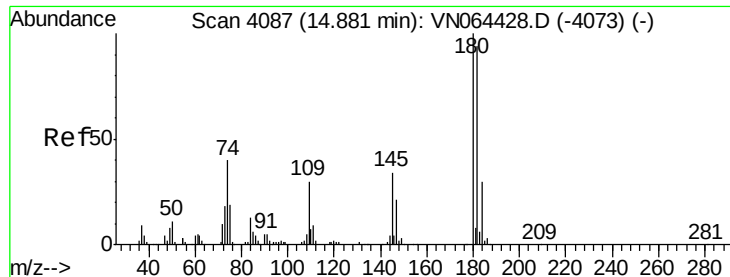
Tot Ion:146 Resp: 138420
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.9 68.7
 148 65.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.838 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion: 75 Resp: 21729
 Ion Ratio Lower Upper
 75 100
 155 69.3 34.6 103.9
 157 85.8 43.0 128.8

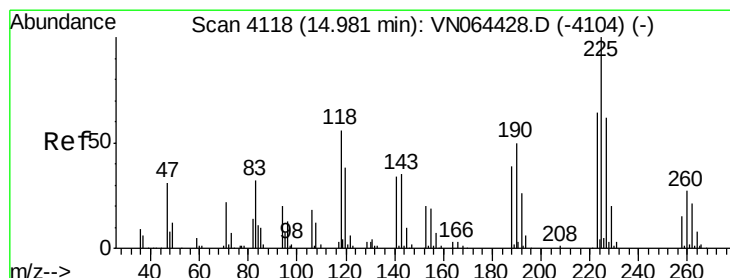
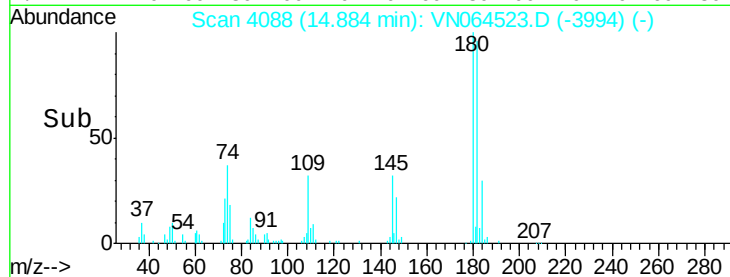
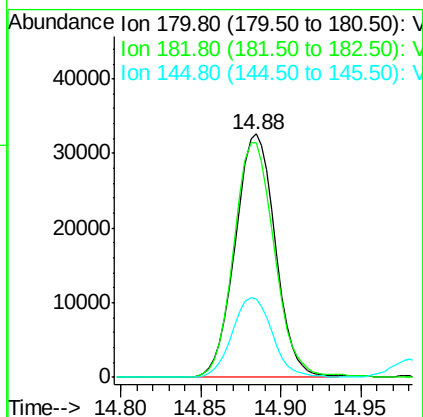
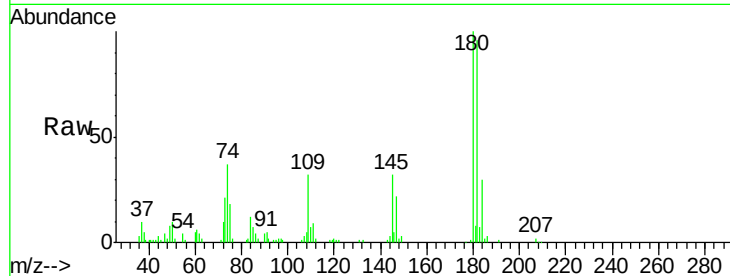




#93
 1,2,4-Trichlorobenzene
 Concen: 17.276 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

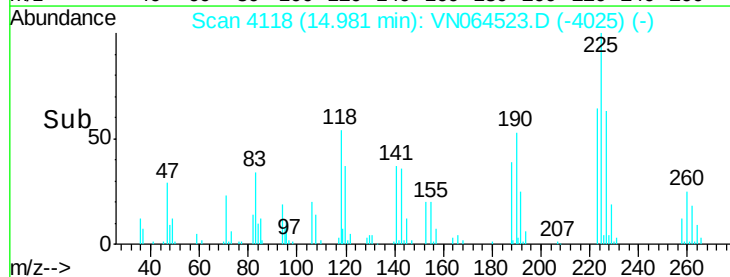
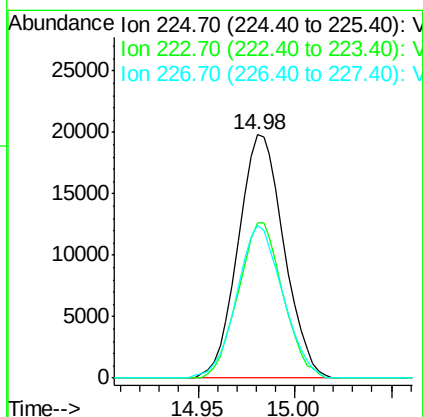
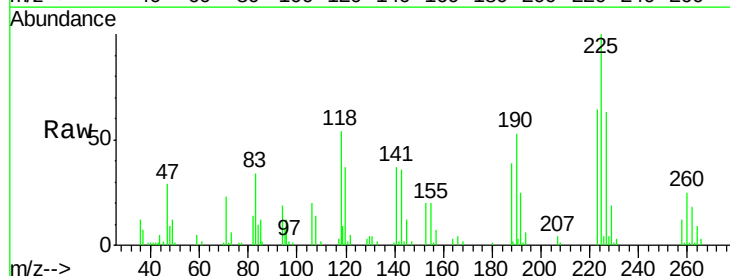
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS02

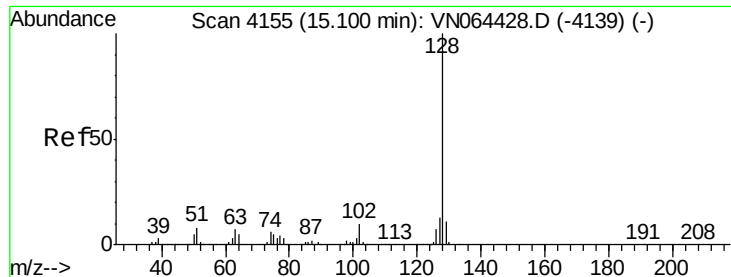
Tot Ion:180 Resp: 55811
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 142.0
 145 32.8 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 22.010 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064523.D
 Acq: 10 Nov 2020 14:11

Tgt Ion:225 Resp: 32584
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.8 95.4
 227 62.7 31.8 95.4

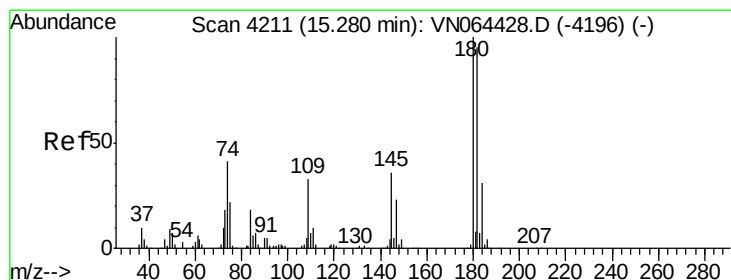
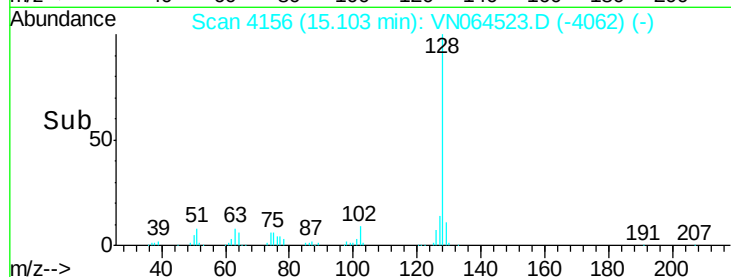
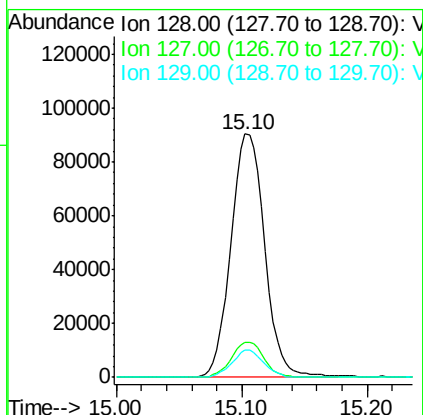
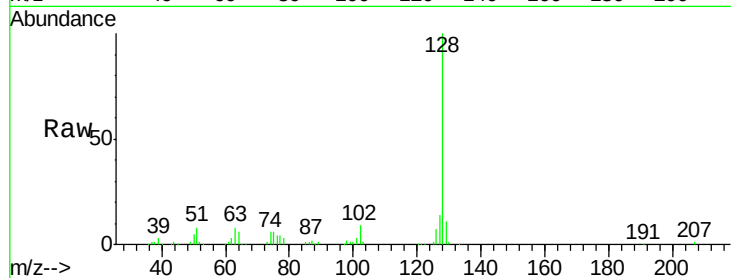




#95
Naphthalene
Concen: 16.331 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS02

Tot Ion:128 Resp: 169331
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.524 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN064523.D
Acq: 10 Nov 2020 14:11

Tgt Ion:180 Resp: 58333
Ion Ratio Lower Upper
180 100
182 90.9 47.7 143.1
145 34.4 18.3 54.8

