

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064669.D
 Acq On : 16 Nov 2020 18:49
 Operator : JC/MD
 Sample : L4772-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620

Quant Time: Nov 17 03:51:03 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	262056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	535517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	583084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	327003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	244790	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
35) Dibromofluoromethane	7.55	113	182507	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.06	98	696571	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	328041	61.55	ug/l	0.00
Spiked Amount			Recovery	=	123.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	28133	55.888	ug/l #	84
13) Acrolein	3.58	56	63	0.202	ug/l #	15
16) Acetone	3.79	43	12719	7.315	ug/l	100
25) 2-Butanone	6.81	43	2474	1.117	ug/l	95
28) Bromochloromethane	7.33	49	672	0.214	ug/l #	18
30) Chloroform	7.33	83	8395	1.249	ug/l	89
31) Cyclohexane	7.62	56	17630	3.177	ug/l #	68
36) 1,1-Dichloropropene	7.62	75	25035	4.425	ug/l #	53
37) Ethyl Acetate	6.88	43	232	0.802	ug/l #	71
38) Carbon Tetrachloride	7.63	117	31201	5.160	ug/l #	17
39) Methylcyclohexane	9.05	83	50594	9.976	ug/l	90
40) Benzene	8.01	78	15201	0.914	ug/l	95
48) Methyl methacrylate	9.24	41	2501	0.541	ug/l #	77
51) 4-Methyl-2-Pentanone	9.96	43	3126	0.585	ug/l #	79
52) Toluene	10.13	92	4275	0.422	ug/l	93
55) 1,1,2-Trichloroethane	10.50	97	23084	5.838	ug/l #	18
56) Ethyl methacrylate	10.41	69	11781	3.585	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.66	63	217	21.602	ug/l #	51
59) 2-Hexanone	10.69	43	17319	7.936	ug/l #	30
60) Dibromochloromethane	10.60	129	3079	0.695	ug/l #	10
64) Tetrachloroethene	10.60	164	2639	0.588	ug/l #	87
67) Ethyl Benzene	11.48	91	1405497	61.816	ug/l	100
68) m/p-Xylenes	11.60	106	1178325	142.901	ug/l	99
69) o-Xylene	11.92	106	144668	18.156	ug/l	94
70) Styrene	11.92	104	8010	0.597	ug/l #	1
73) Isopropylbenzene	12.22	105	3749720	144.269	ug/l	98
74) N-amyl acetate	12.02	43	65634	6.295	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.39	83	5000	0.626	ug/l	77
76) 1,2,3-Trichloropropane	12.57	75	47868	6.042	ug/l #	100
78) n-propylbenzene	12.57	91	6267323	211.505	ug/l	92
79) 2-Chlorotoluene	12.57	91	6267323	333.477	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	1601140	74.673	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.22	75	50011	17.624	ug/l #	68
82) 4-Chlorotoluene	12.57	91	6267323	318.428	ug/l #	44

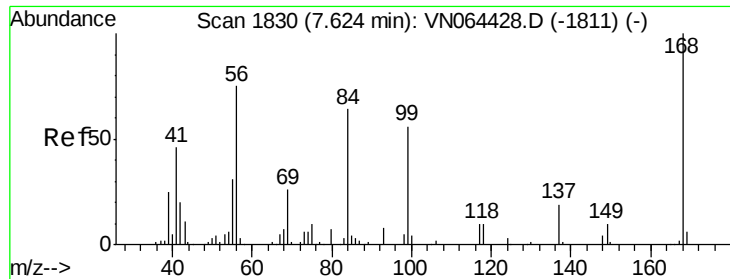
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.97	119	394312	23.546	uq/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	12053279	559.184	uq/l #	53
85) sec-Butylbenzene	13.14	105	1893580	89.282	uq/l #	76
86) p-Isopropyltoluene	13.26	119	957301	50.181	uq/l	99
89) n-Butylbenzene	13.59	91	1144509	69.777	uq/l #	77
90) Hexachloroethane	13.86	117	243298	66.112	uq/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.22	75	8288	5.214	uq/l #	10
95) Naphthalene	15.10	128	92974	8.431	uq/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	72	2.789	uq/l #	12

(#) = 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: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

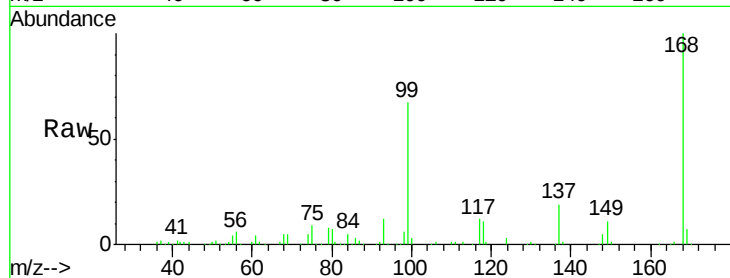
FD-111620

Tot Ion:168 Resp: 262056

Ion Ratio Lower Upper

168 100

99 67.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

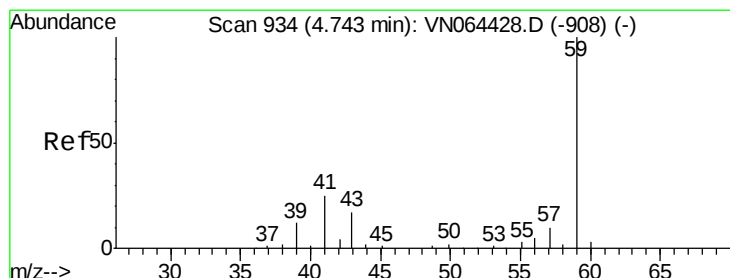
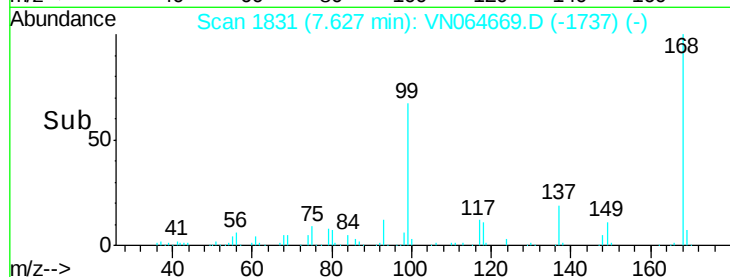
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 55.888 ug/l

RT: 4.76 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN064669.D

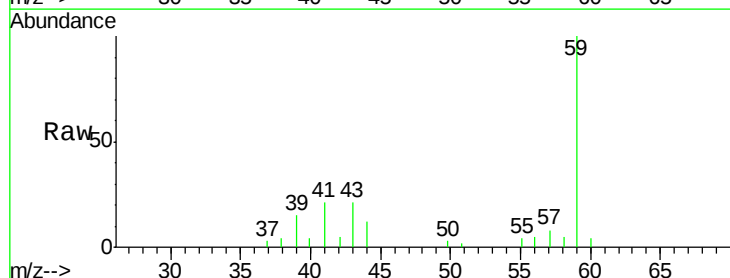
Acq: 16 Nov 2020 18:49

Tgt Ion: 59 Resp: 28133

Ion Ratio Lower Upper

59 100

57 4.9 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

8000

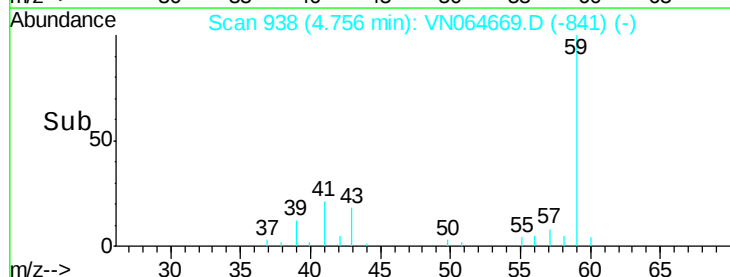
6000

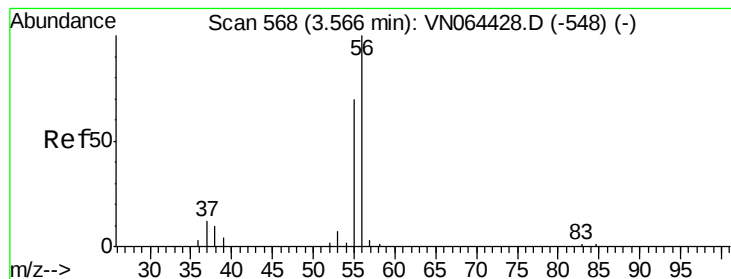
4000

2000

0

Time--> 4.60 4.70 4.80 4.90





#13

Acrolein

Concen: 0.202 ug/l

RT: 3.58 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

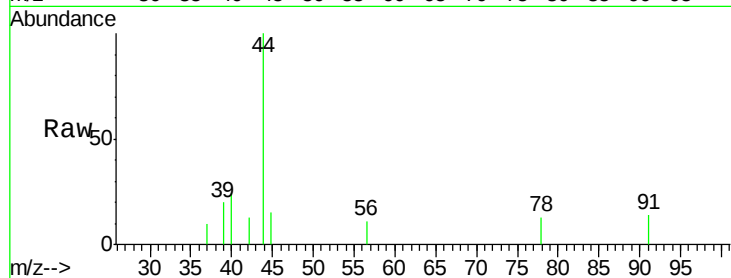
FD-111620

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

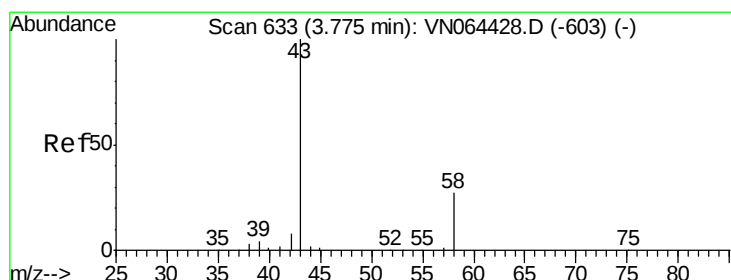
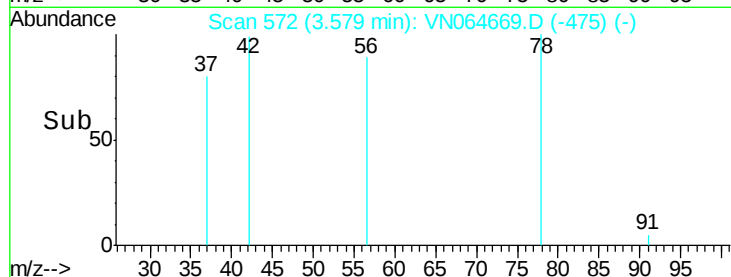
150

100

50

0

Time-->



#16

Acetone

Concen: 7.315 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064669.D

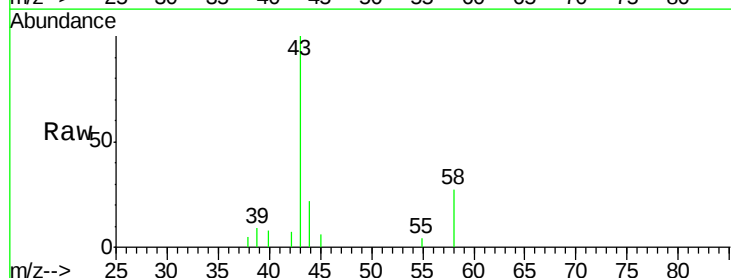
Acq: 16 Nov 2020 18:49

Tgt Ion: 43 Resp: 12719

Ion Ratio Lower Upper

43 100

58 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

4000

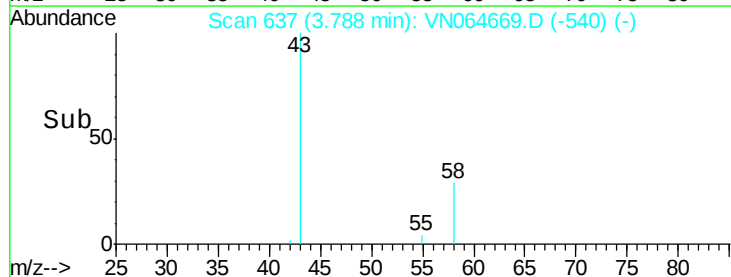
3000

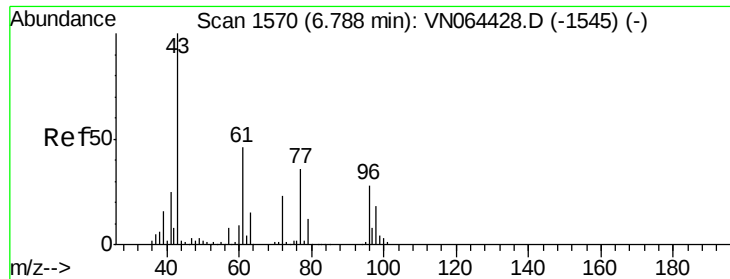
2000

1000

0

Time-->





#25

2-Butanone

Concen: 1.117 ug/l

RT: 6.81 min Scan# 1577

Delta R.T. 0.02 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

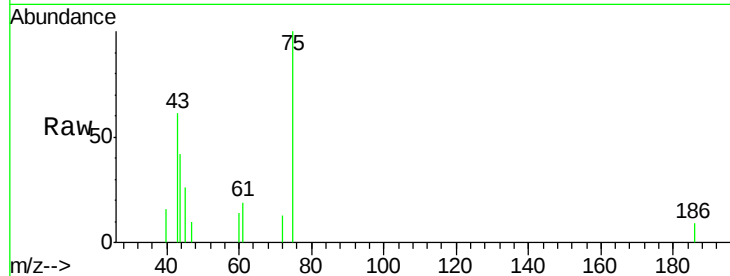
FD-111620

Tot Ion: 43 Resp: 2474

Ion Ratio Lower Upper

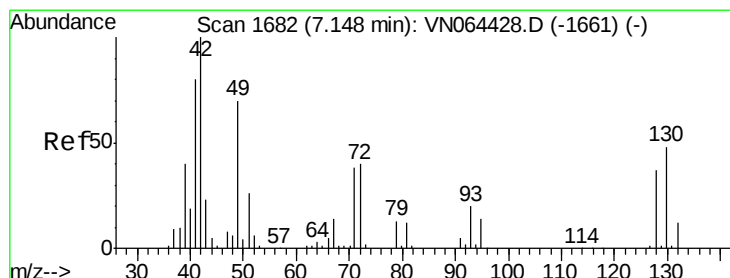
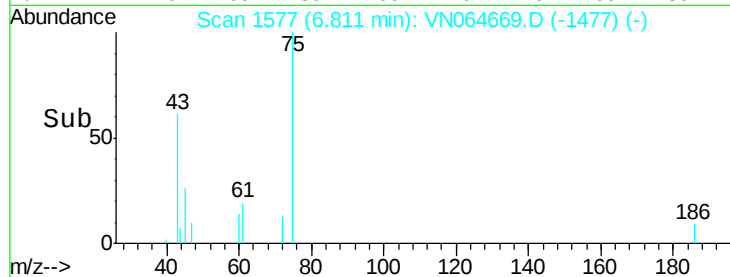
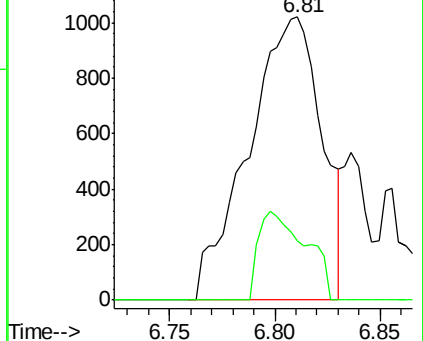
43 100

72 20.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#28

Bromochloromethane

Concen: 0.214 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.18 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

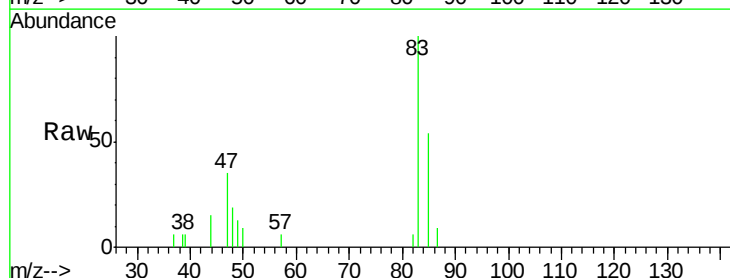
Tgt Ion: 49 Resp: 672

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

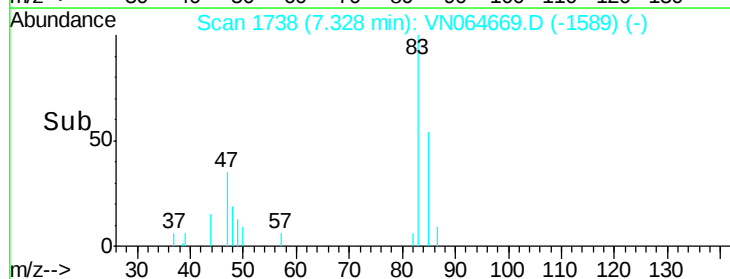
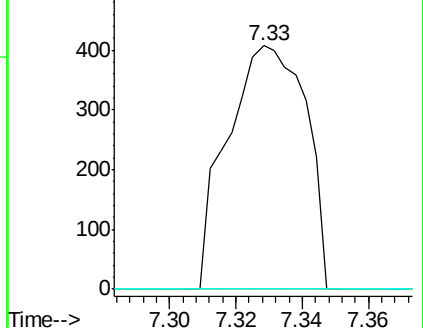
130 0.0 54.2 81.4#

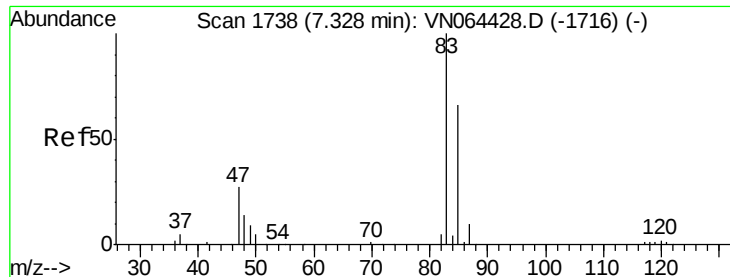


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#30

Chloroform

Concen: 1.249 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

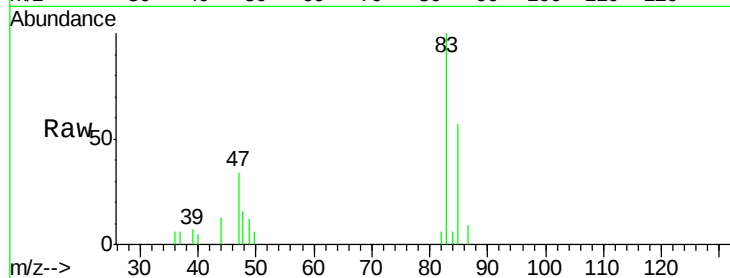
FD-111620

Tot Ion: 83 Resp: 8395

Ion Ratio Lower Upper

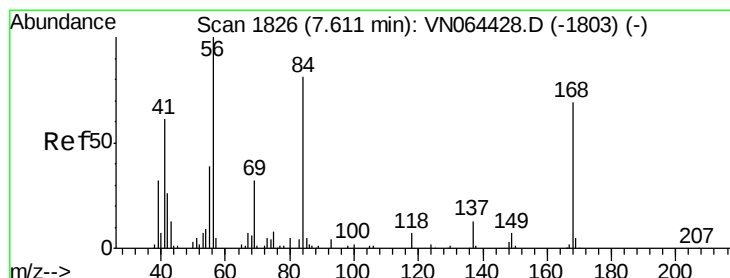
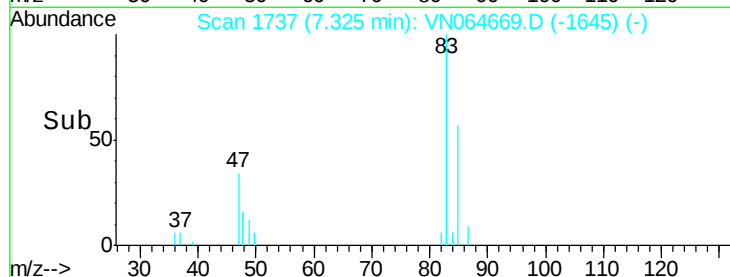
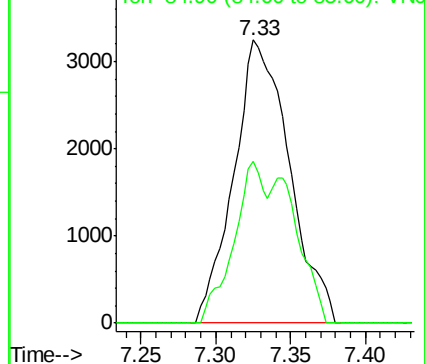
83 100

85 57.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 3.177 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

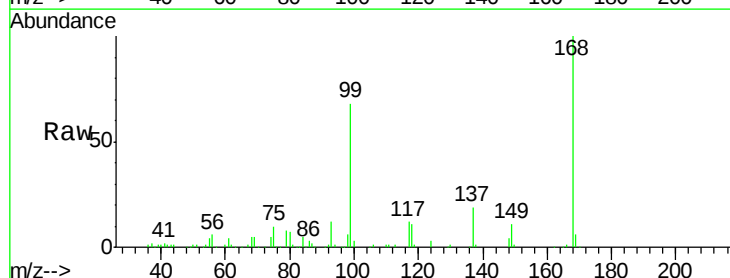
Tgt Ion: 56 Resp: 17630

Ion Ratio Lower Upper

56 100

69 81.9 25.6 38.4#

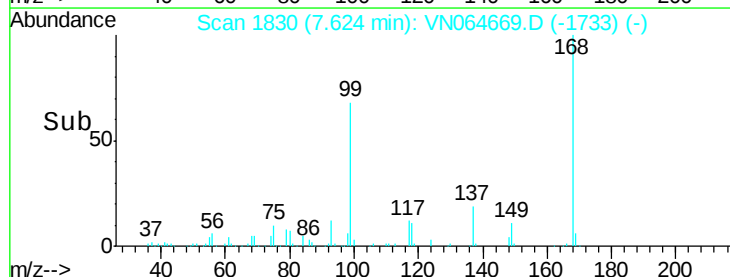
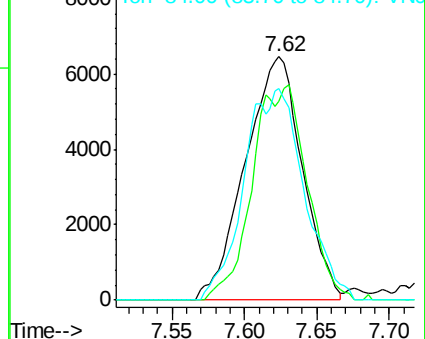
84 86.7 63.0 94.6

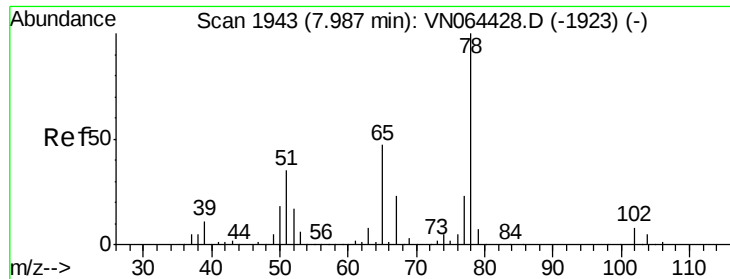


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.628 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

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ClientSampleId :

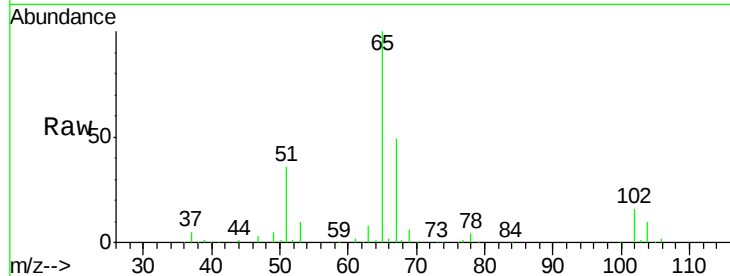
FD-111620

Tot Ion: 65 Resp: 244790

Ion Ratio Lower Upper

65 100

67 49.8 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

100000

80000

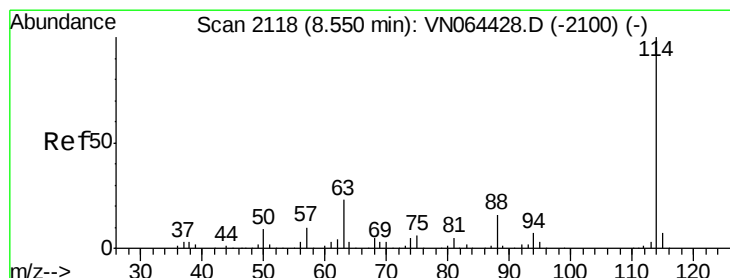
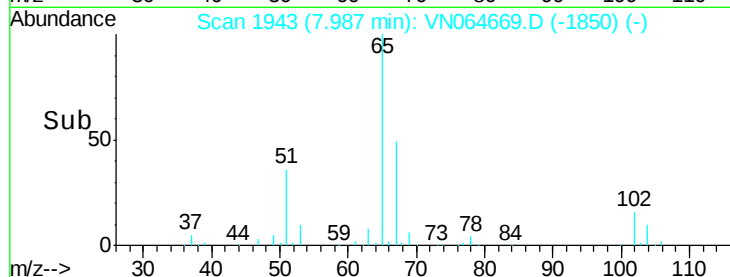
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

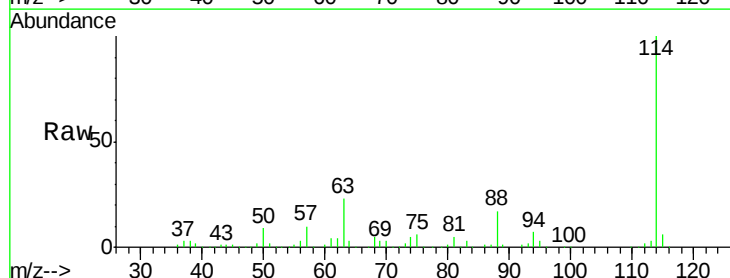
Tgt Ion: 114 Resp: 535517

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.8 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

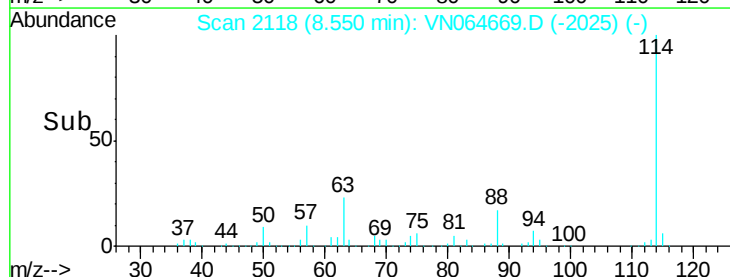
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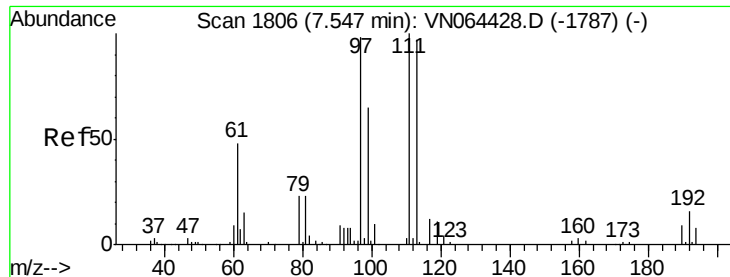
200000

100000

0

Time-->

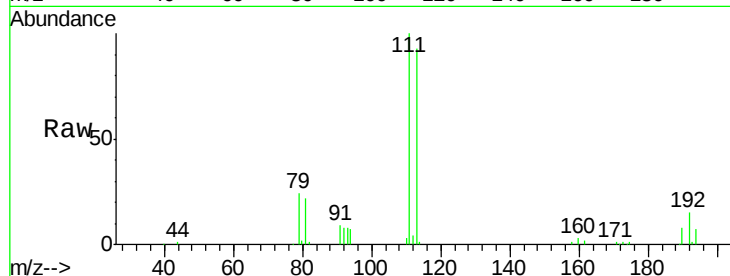




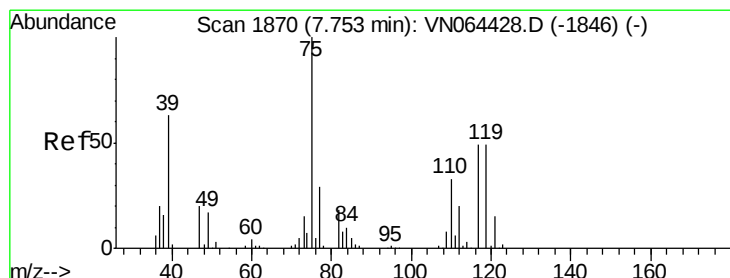
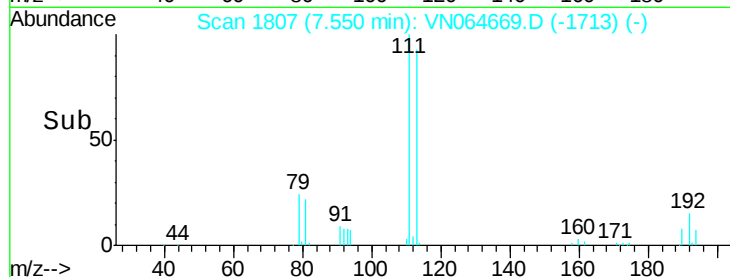
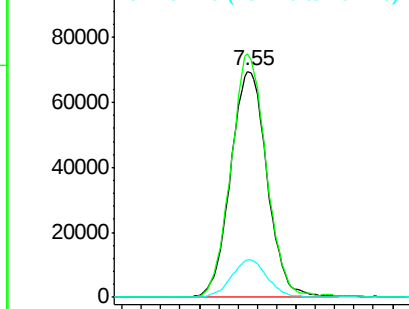
#35
 Dibromofluoromethane
 Concen: 50.055 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620

Tot Ion:113 Resp: 182507
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 16.3 12.8 19.2

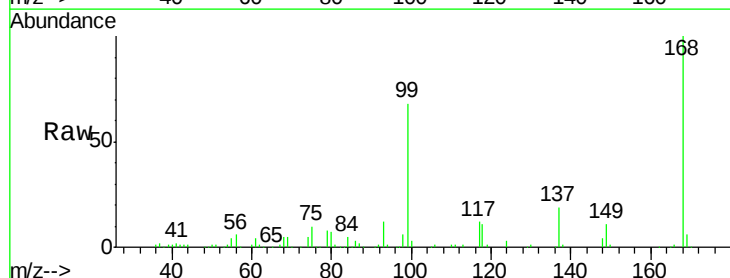


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

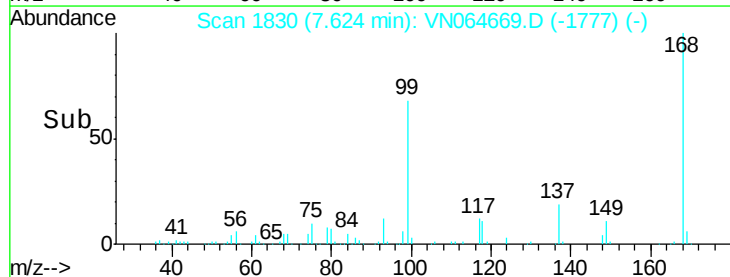
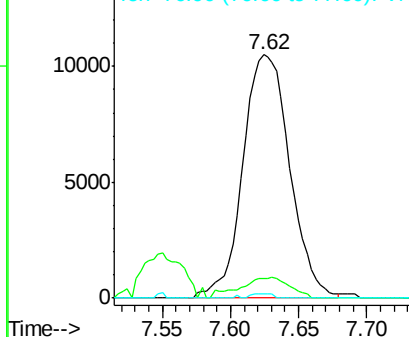


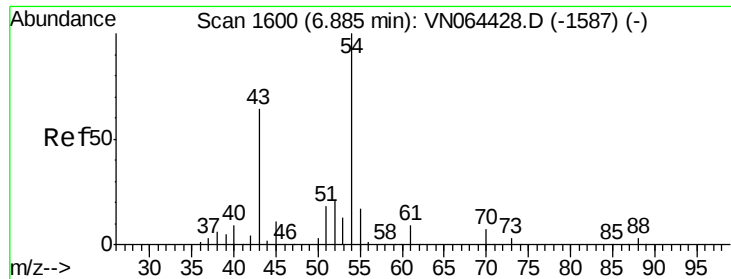
#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Tgt Ion: 75 Resp: 25035
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.0 48.0#
 77 0.8 24.0 36.0#



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

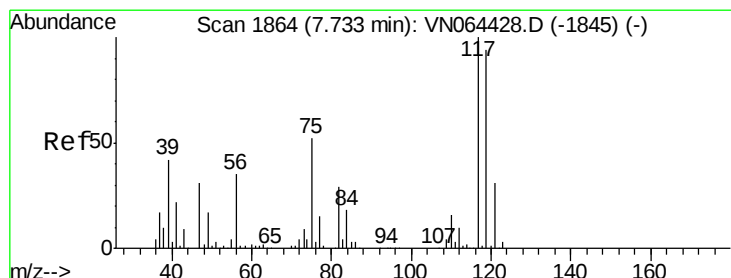
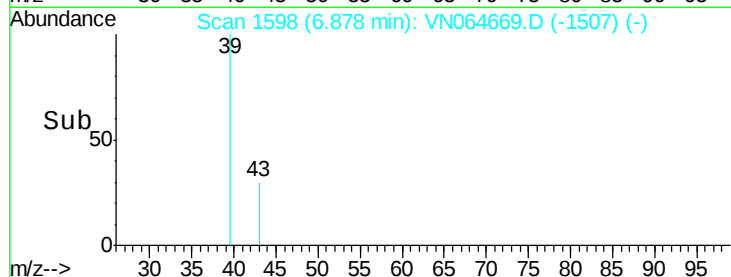
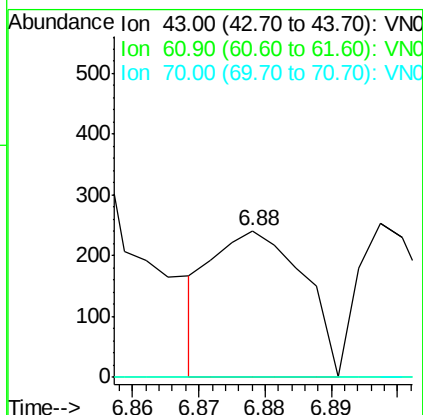
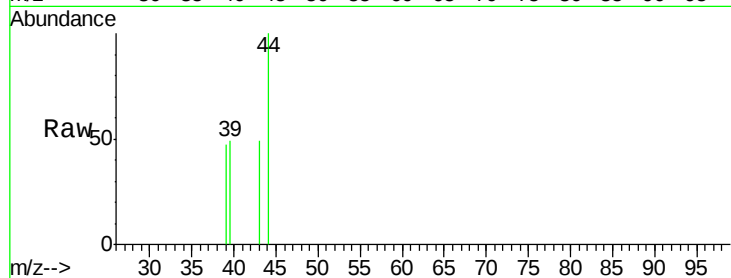




#37
Ethyl Acetate
Concen: 0.802 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

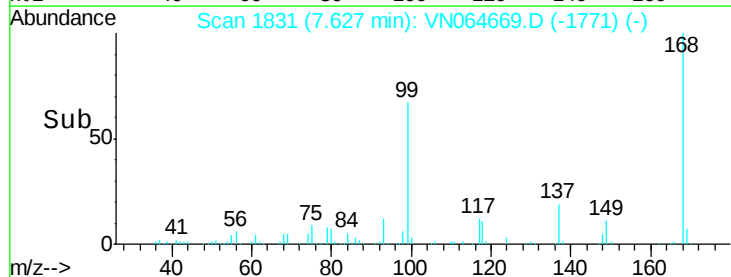
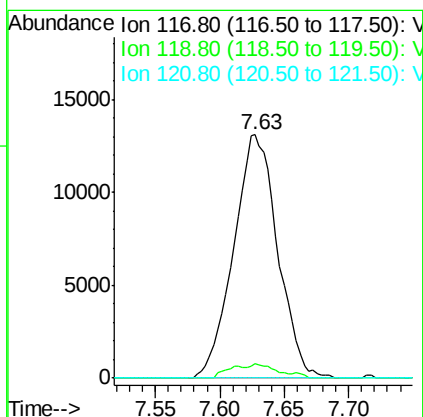
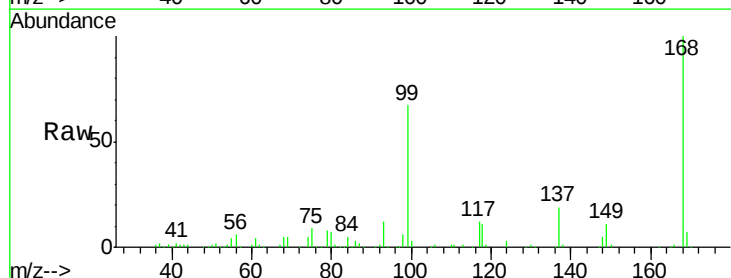
Instrument :
MSVOA_N
ClientSampled :
FD-111620

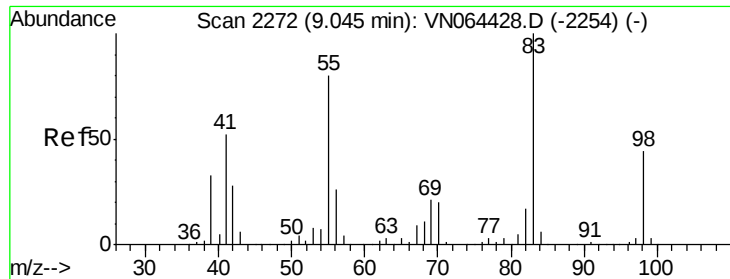
Tot Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion: 117 Resp: 31201
Ion Ratio Lower Upper
117 100
119 5.8 75.5 113.3#
121 0.0 24.4 36.6#

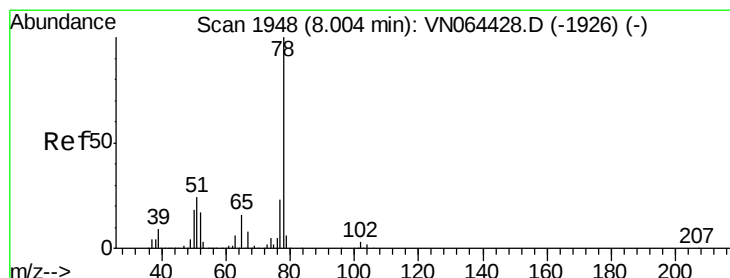
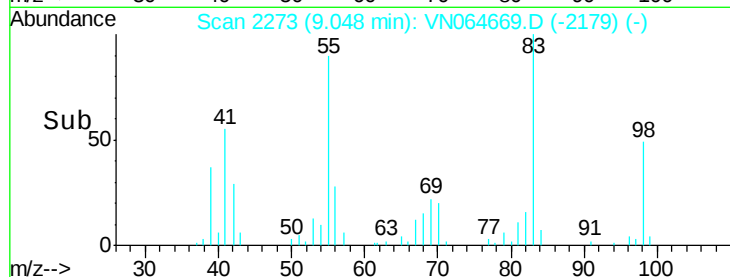
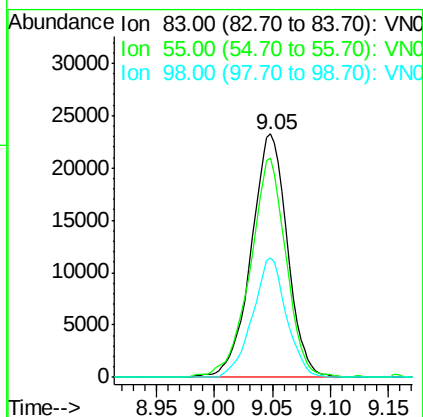
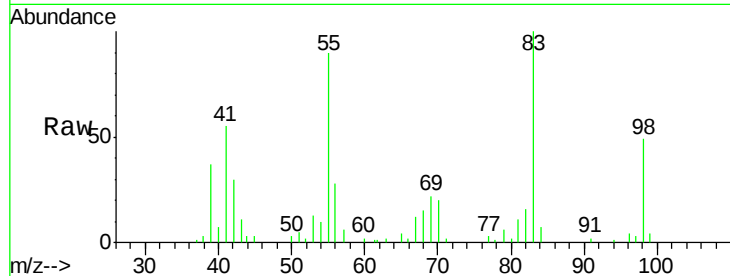




#39
Methvlcvclohexane
Concen: 9.976 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

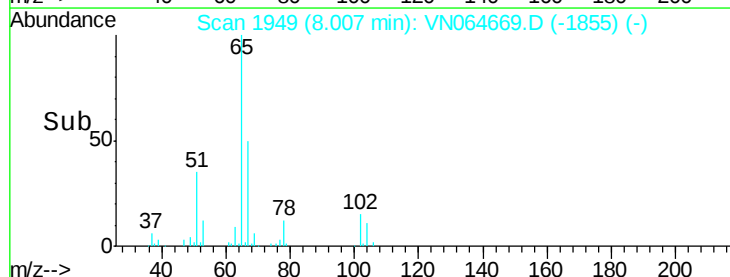
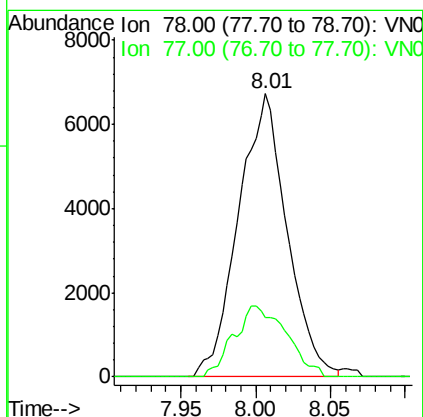
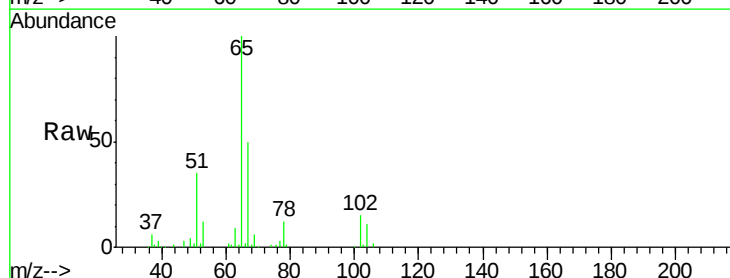
Instrument :
MSVOA_N
ClientSampled :
FD-111620

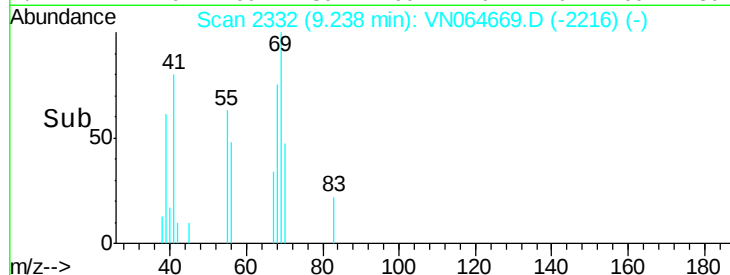
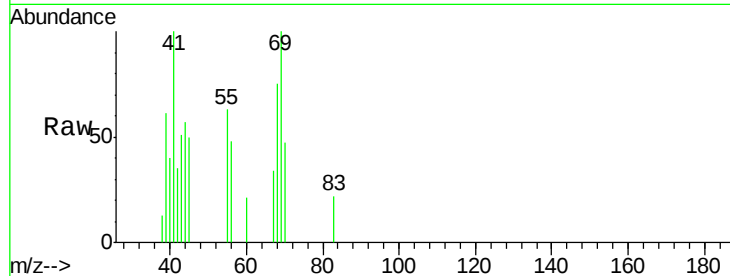
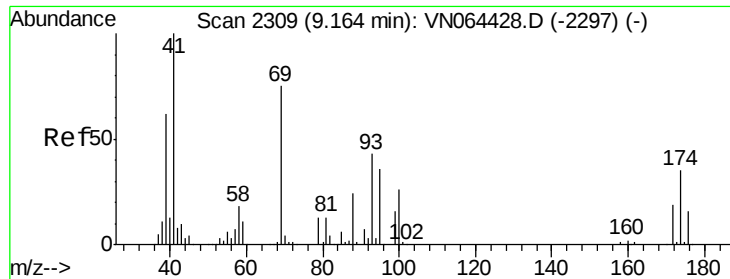
Tot Ion: 83 Resp: 50594
Ion Ratio Lower Upper
83 100
55 89.8 63.8 95.6
98 49.1 35.4 53.2



#40
Benzene
Concen: 0.914 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion: 78 Resp: 15201
Ion Ratio Lower Upper
78 100
77 21.1 18.7 28.1

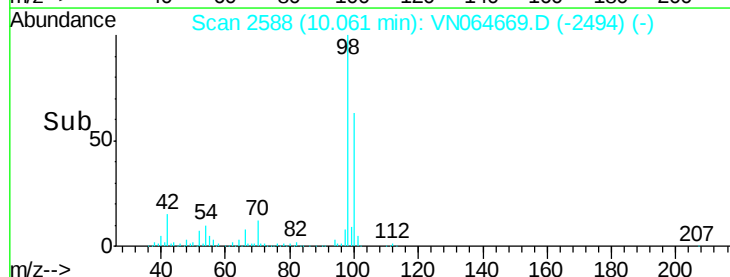
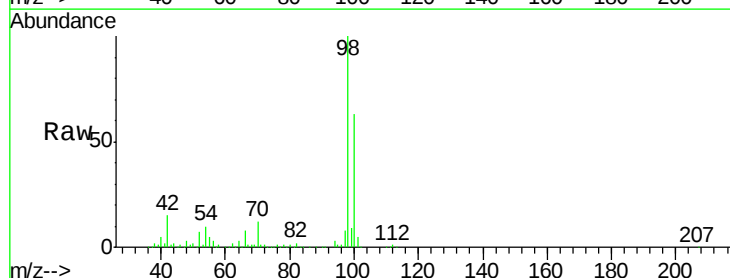
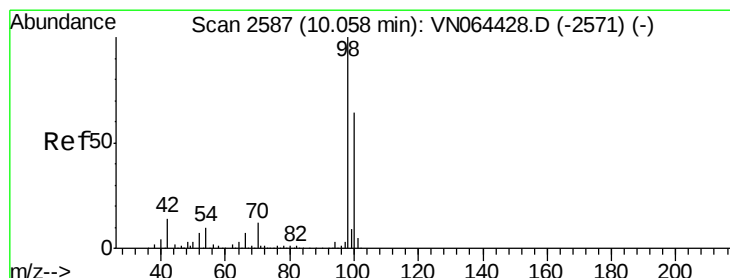
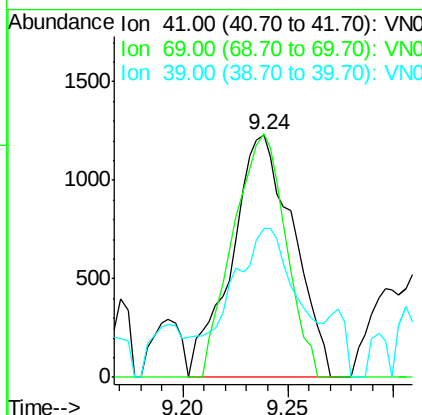




#48
Methyl methacrylate
Concen: 0.541 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

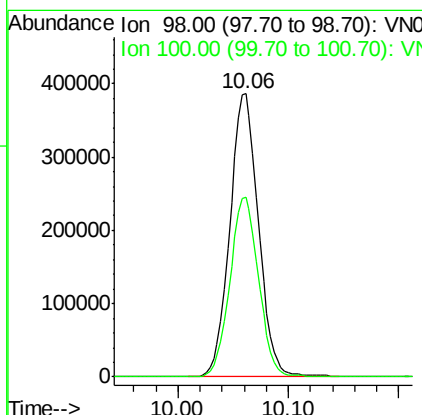
Instrument :
MSVOA_N
ClientSampled :
FD-111620

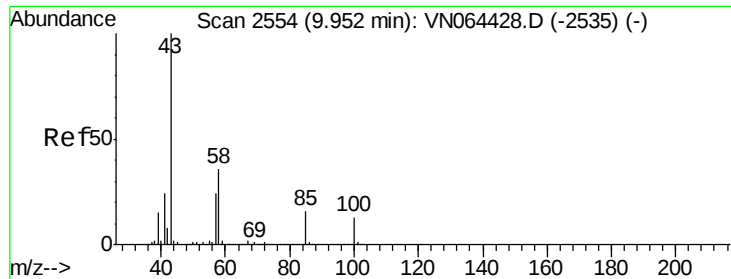
Tot Ion: 41 Resp: 2501
Ion Ratio Lower Upper
41 100
69 85.6 60.4 90.6
39 35.7 51.2 76.8#



#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion: 98 Resp: 696571
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

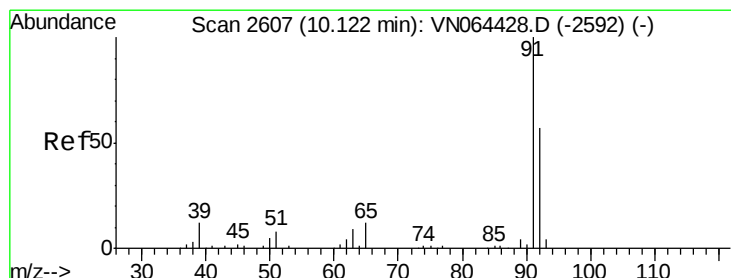
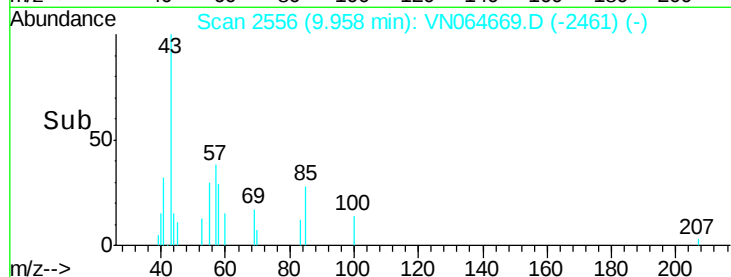
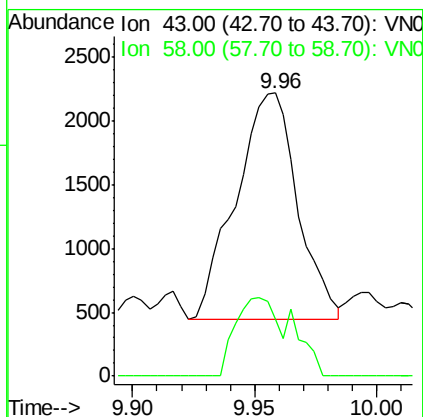
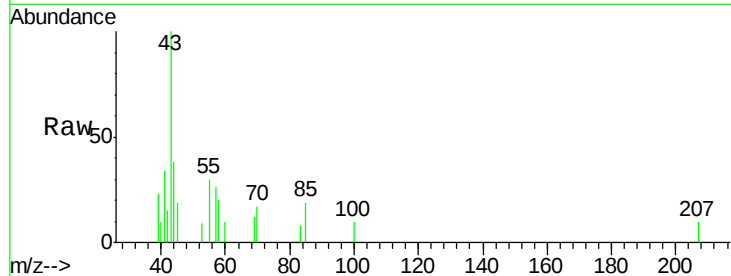




#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 9.96 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

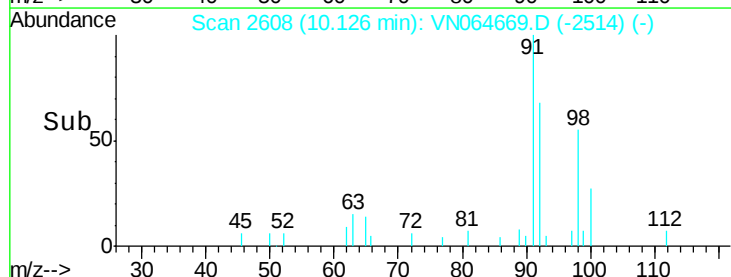
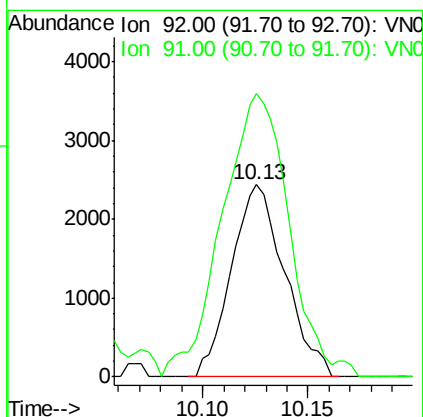
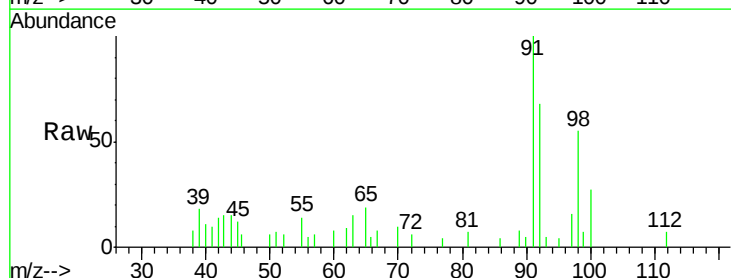
Instrument :
MSVOA_N
ClientSampleId :
FD-111620

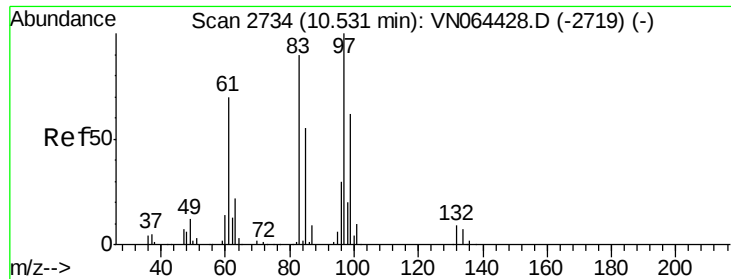
Tot Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
58 23.3 28.4 42.6#



#52
Toluene
Concen: 0.422 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion: 92 Resp: 4275
Ion Ratio Lower Upper
92 100
91 184.8 139.6 209.4

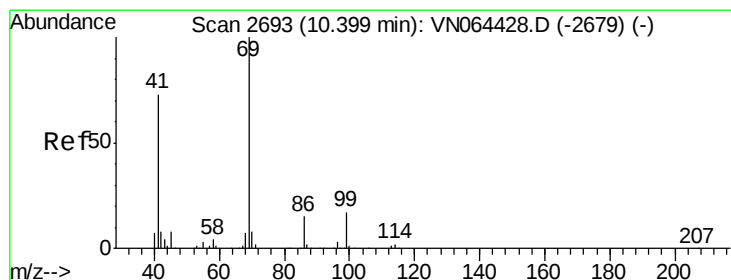
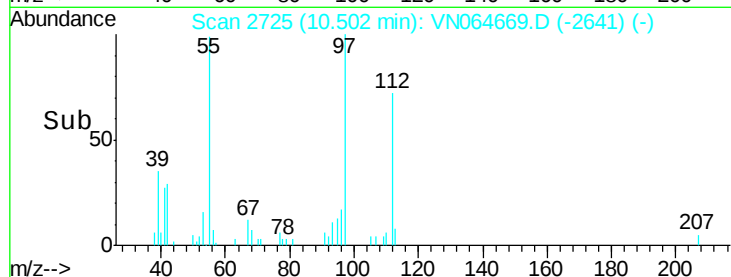
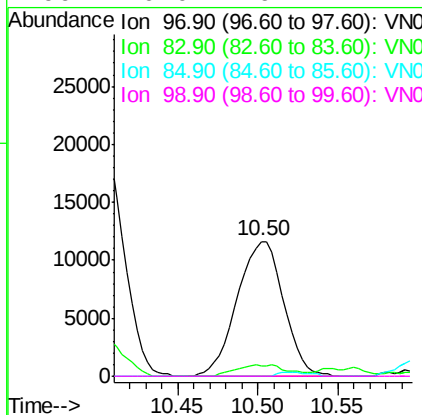
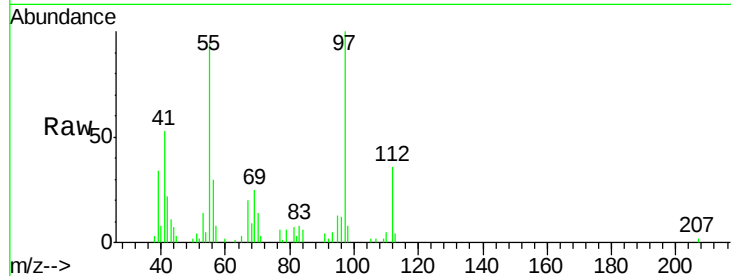




#55
 1,1,2-Trichloroethane
 Concen: 5.838 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

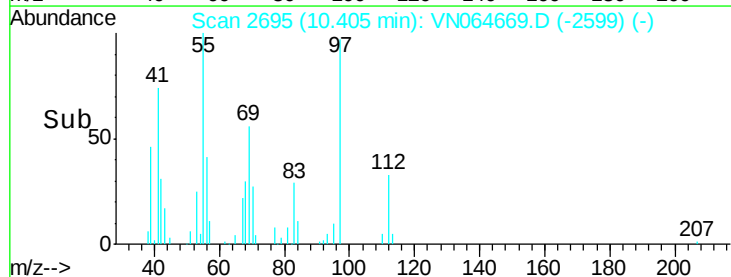
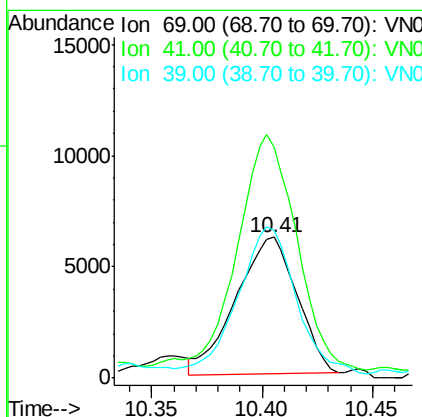
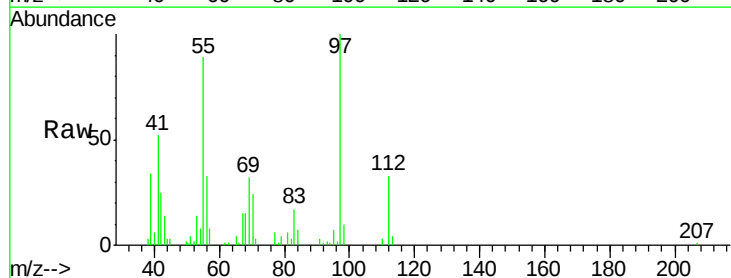
Instrument :
 MSVOA_N
 ClientSampled :
 FD-111620

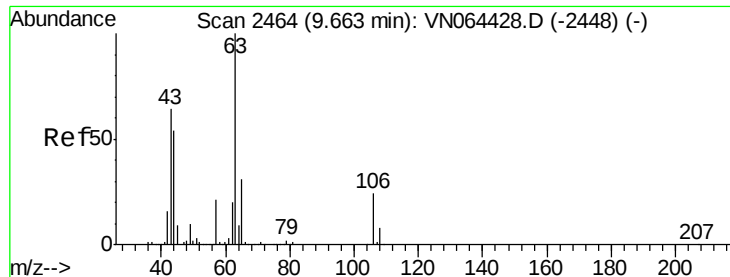
Tot Ion: 97 Resp: 23084
 Ion Ratio Lower Upper
 97 100
 83 7.6 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 3.585 ug/l
 RT: 10.41 min Scan# 2695
 Delta R.T. 0.01 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Tgt Ion: 69 Resp: 11781
 Ion Ratio Lower Upper
 69 100
 41 168.4 59.3 88.9#
 39 102.7 35.4 53.0#





#58

2-Chloroethyl Vinyl ether

Concen: 21.602 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

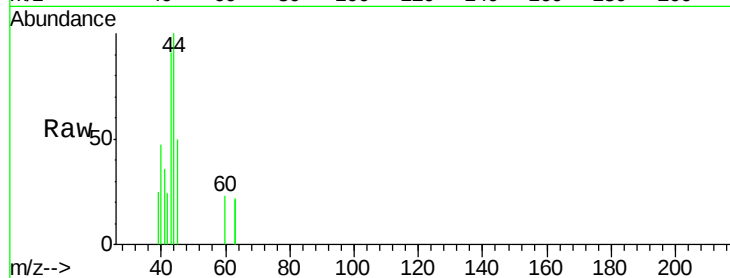
FD-111620

Tot Ion: 63 Resp: 217

Ion Ratio Lower Upper

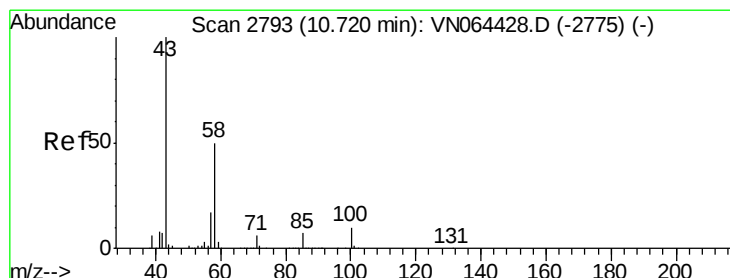
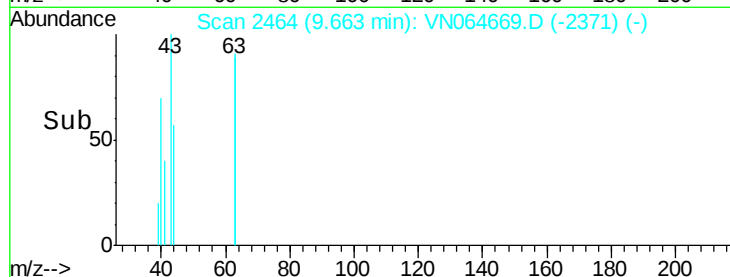
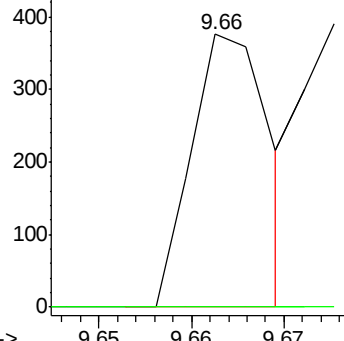
63 100

106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 7.936 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN064669.D

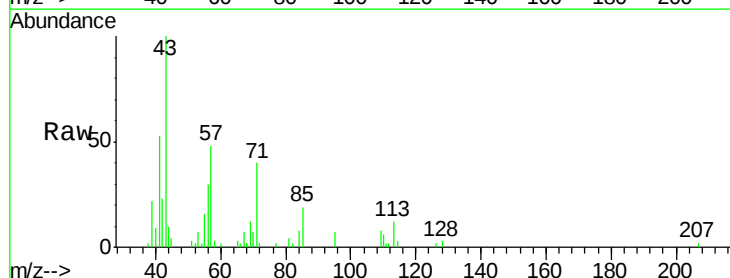
Acq: 16 Nov 2020 18:49

Tgt Ion: 43 Resp: 17319

Ion Ratio Lower Upper

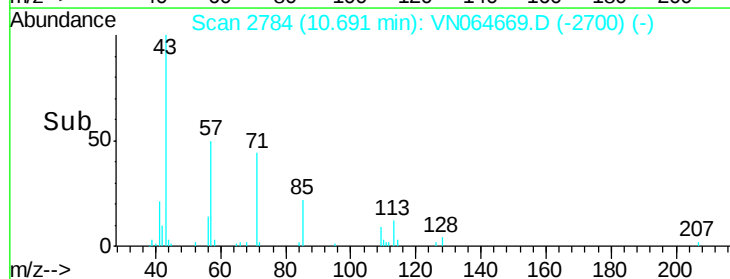
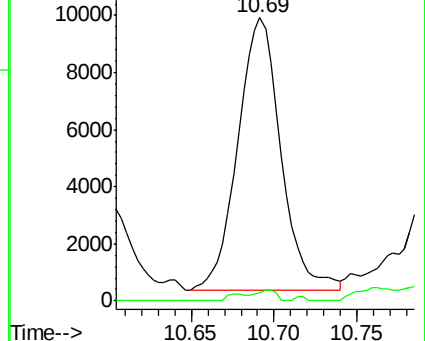
43 100

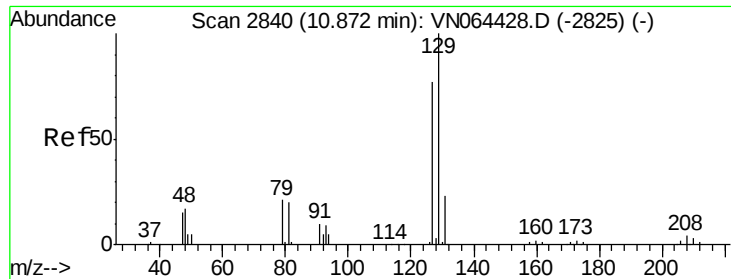
58 1.7 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 0.695 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

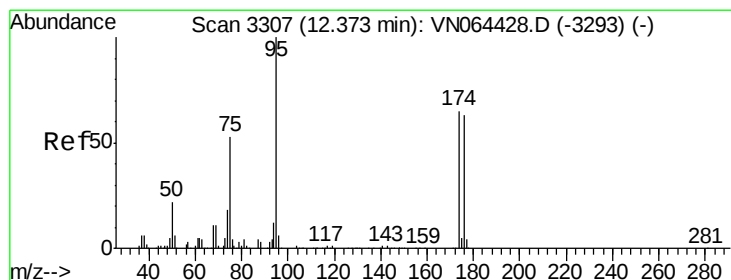
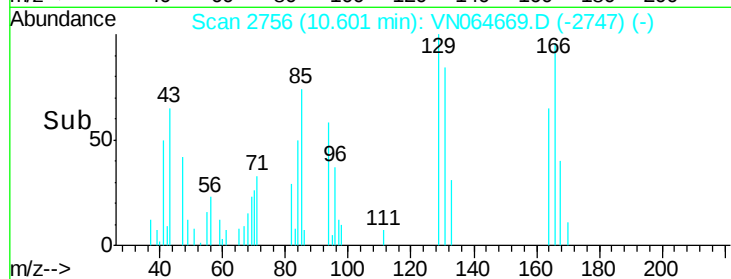
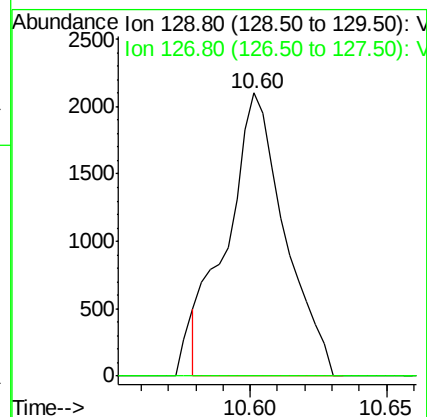
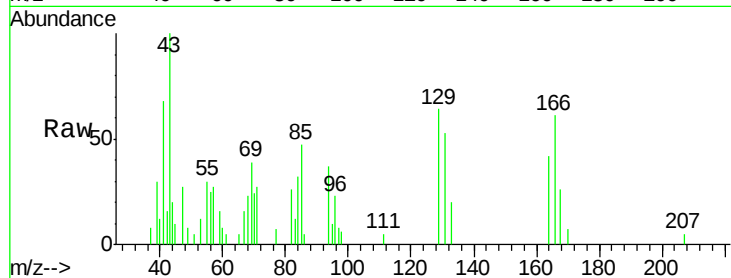
FD-111620

Tot Ion:129 Resp: 3079

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



#62

4-Bromofluorobenzene

Concen: 61.551 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

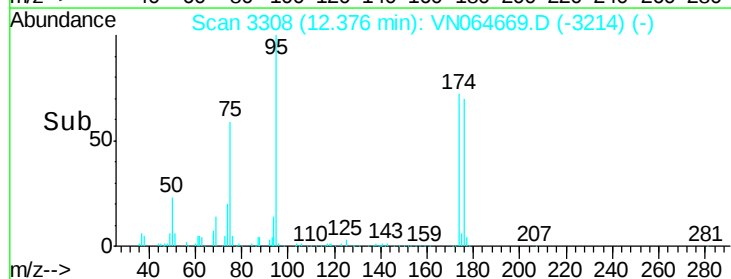
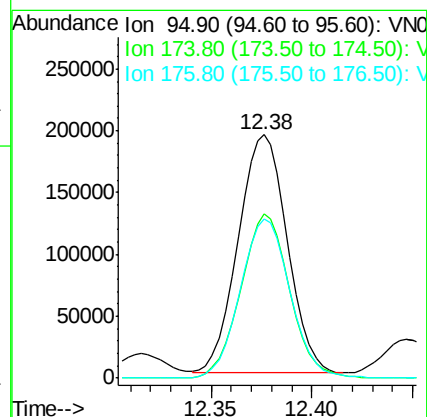
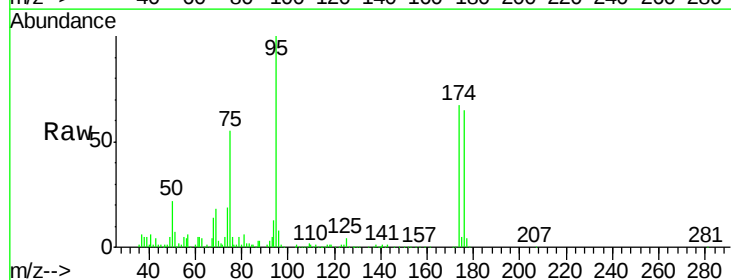
Tgt Ion: 95 Resp: 328041

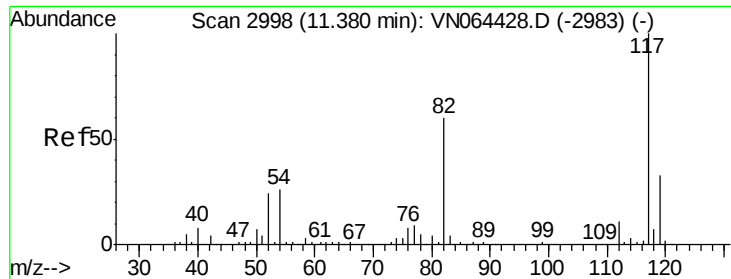
Ion Ratio Lower Upper

95 100

174 68.8 0.0 132.6

176 68.0 0.0 129.2

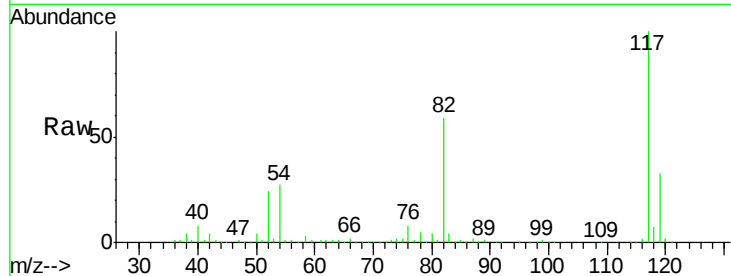




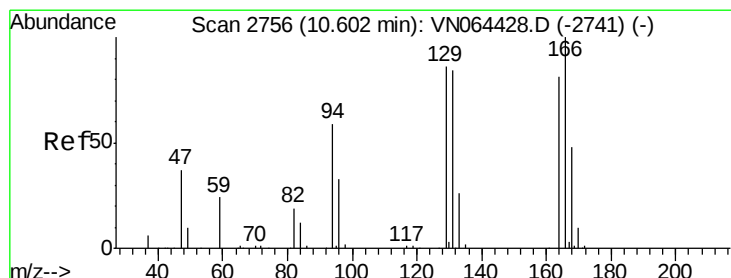
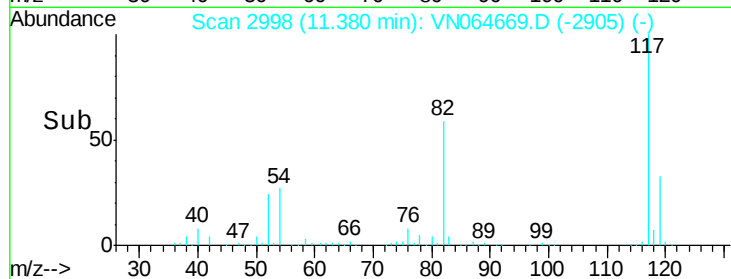
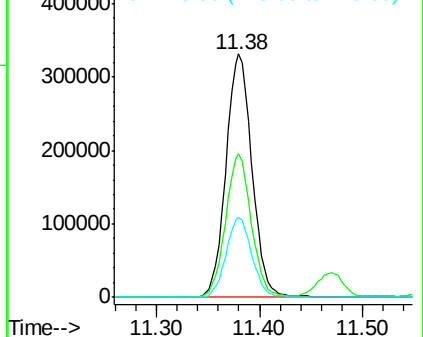
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Instrument :
MSVOA_N
ClientSampleId :
FD-111620

Tot Ion:117 Resp: 583084
Ion Ratio Lower Upper
117 100
82 58.5 48.1 72.1
119 33.0 26.2 39.4

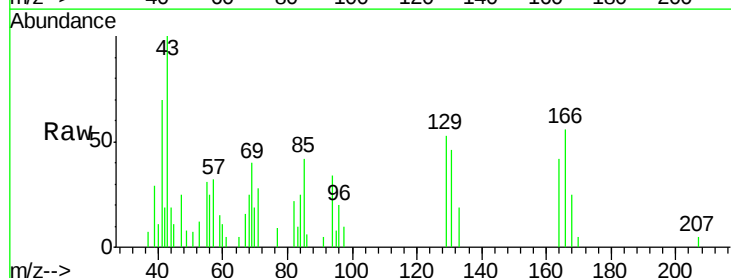


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

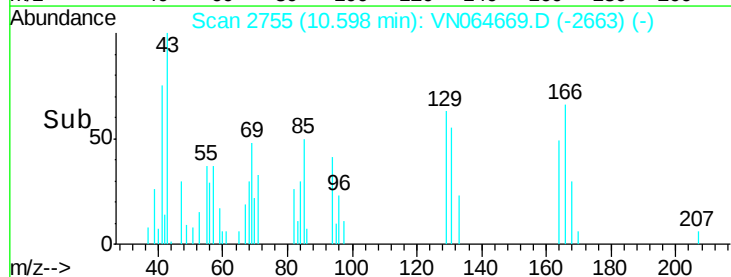
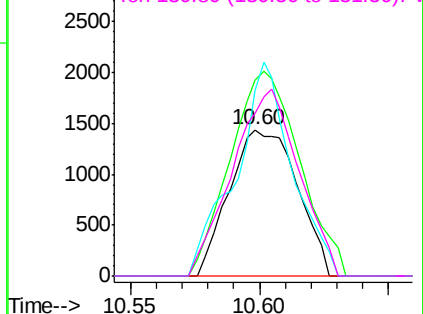


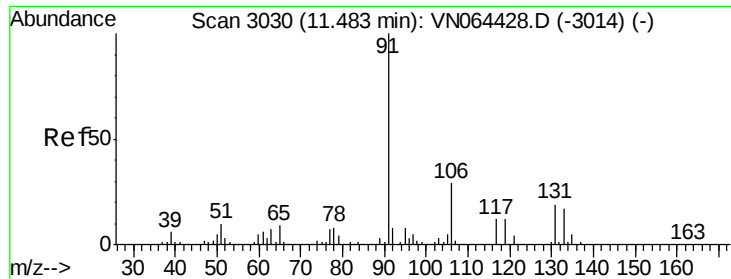
#64
Tetrachloroethene
Concen: 0.588 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion:164 Resp: 2639
Ion Ratio Lower Upper
164 100
166 134.1 98.2 147.2
129 127.0 84.6 127.0#
131 110.9 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

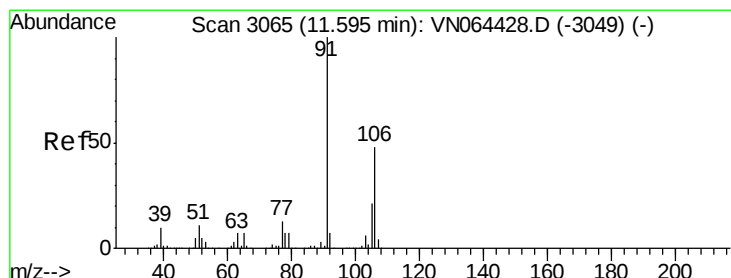
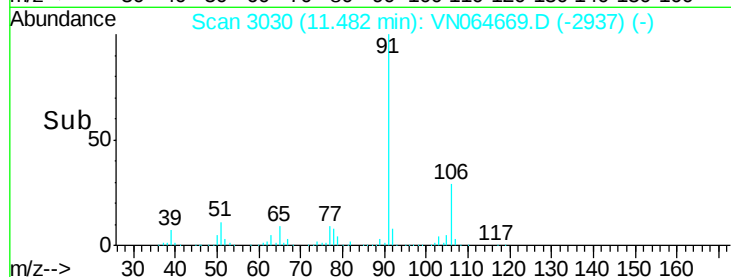
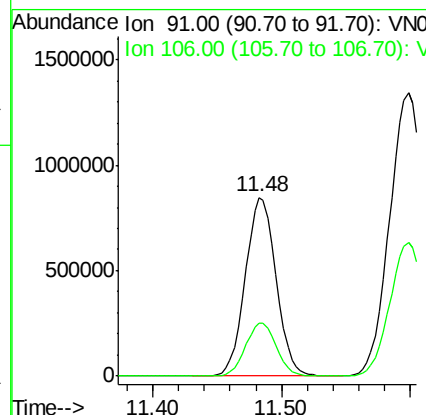
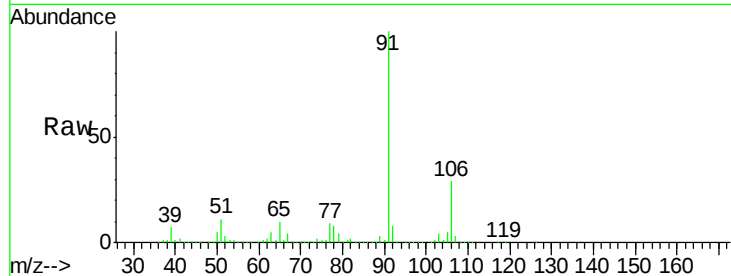




#67
Ethyl Benzene
Concen: 61.816 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

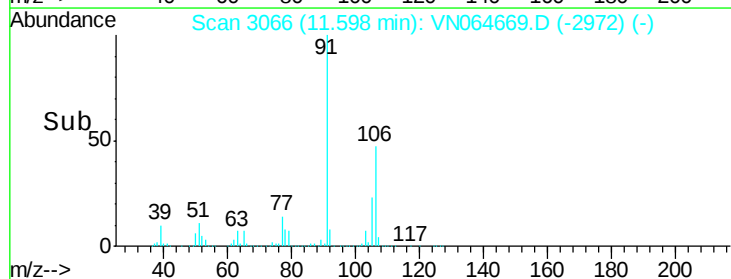
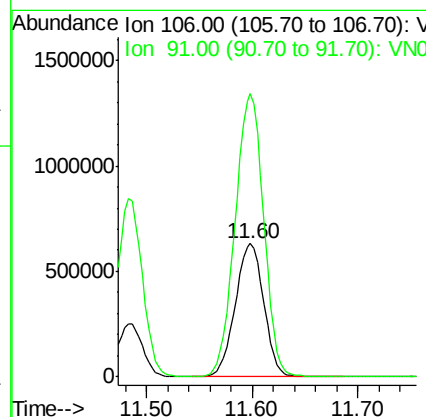
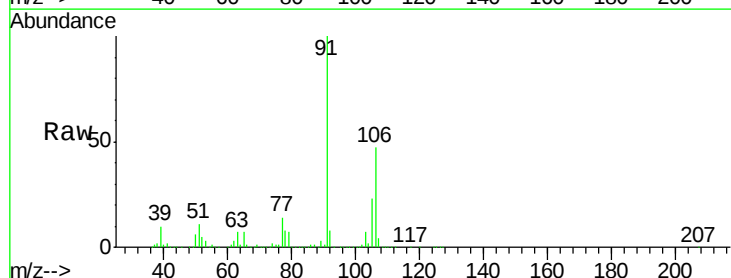
Instrument :
MSVOA_N
ClientSampled :
FD-111620

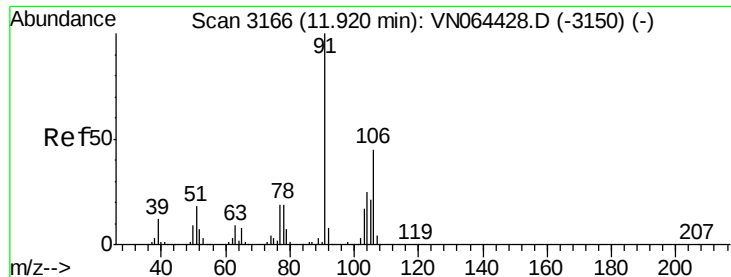
Tot Ion: 91 Resp: 1405497
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4



#68
m/p-Xylenes
Concen: 142.901 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion: 106 Resp: 1178325
Ion Ratio Lower Upper
106 100
91 213.6 169.4 254.2

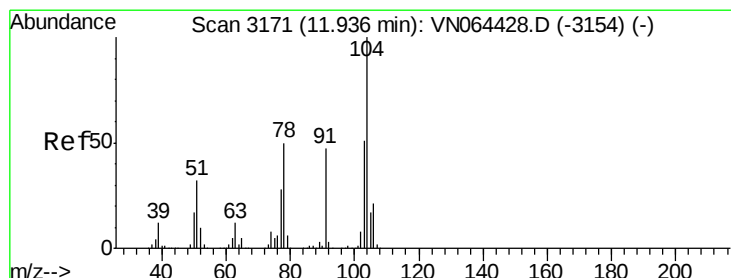
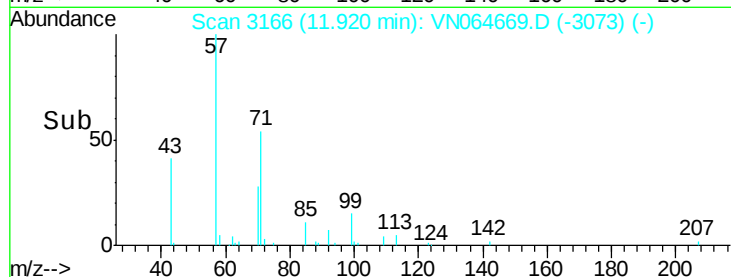
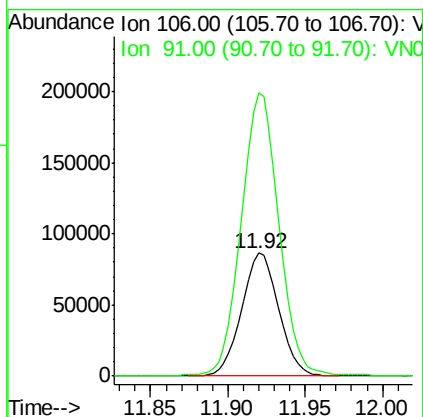
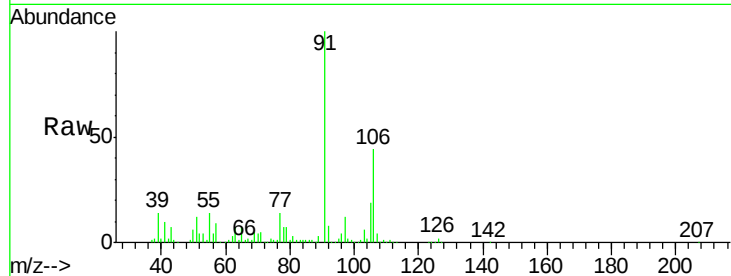




#69
o-Xylene
Concen: 18.156 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

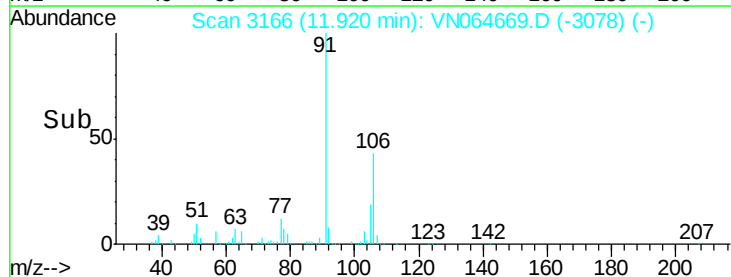
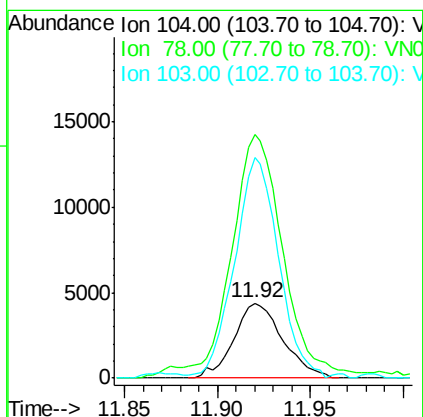
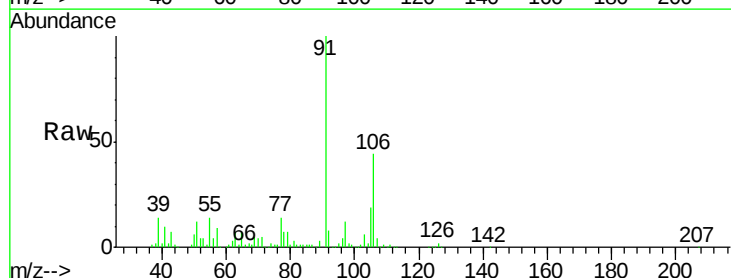
Instrument :
MSVOA_N
ClientSampled :
FD-111620

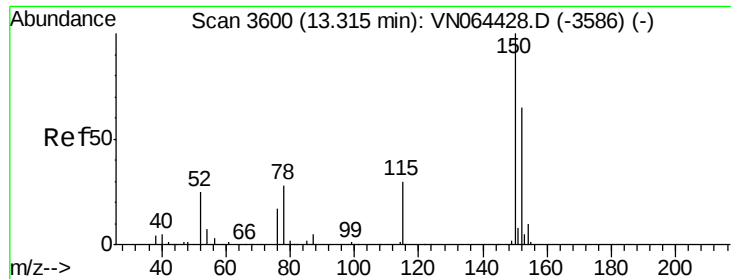
Tot Ion:106 Resp: 144668
Ion Ratio Lower Upper
106 100
91 233.4 111.7 334.9



#70
Styrene
Concen: 0.597 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion:104 Resp: 8010
Ion Ratio Lower Upper
104 100
78 347.9 44.0 66.0#
103 266.1 43.8 65.6#



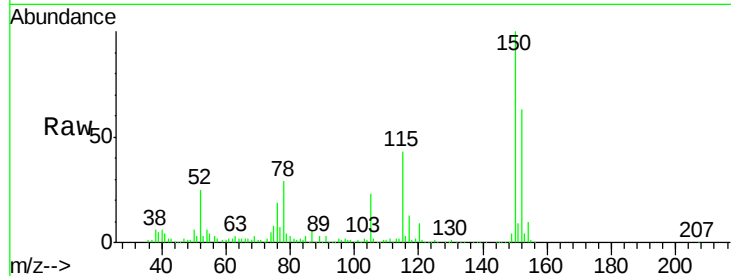


#72

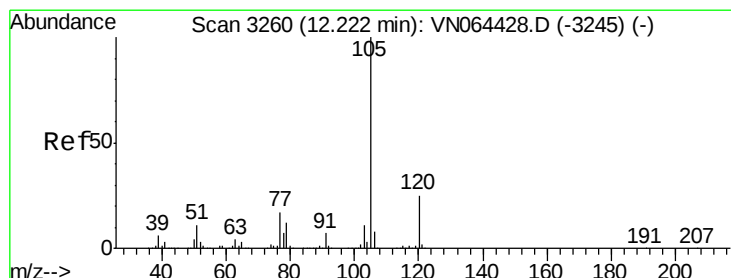
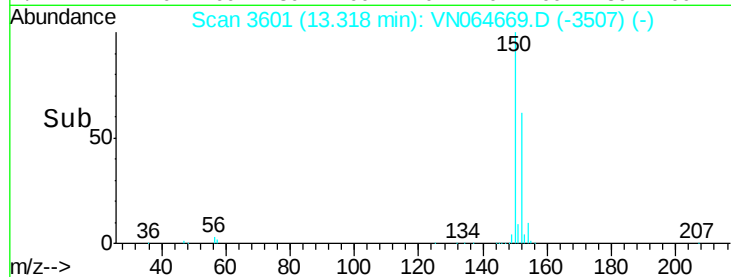
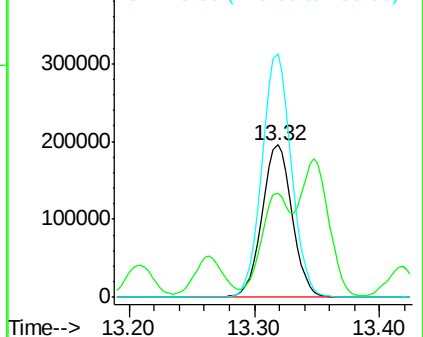
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Instrument :
MSVOA_N
ClientSampled :
FD-111620

Tot Ion:152 Resp: 327003
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 156.1 0.0 353.8



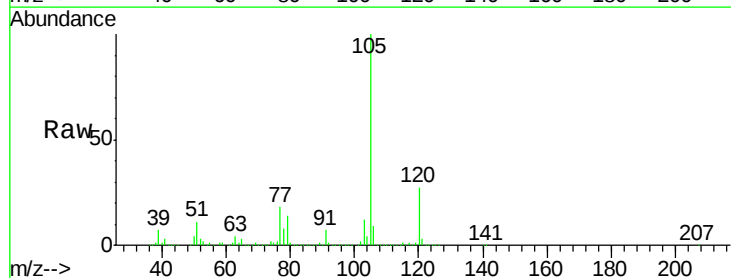
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



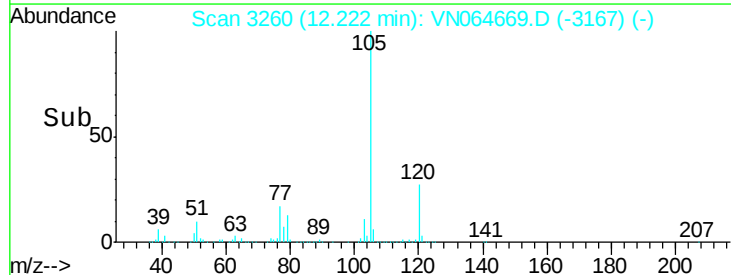
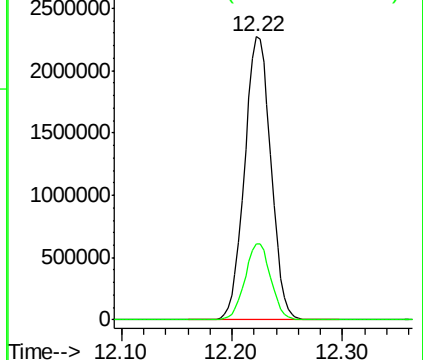
#73

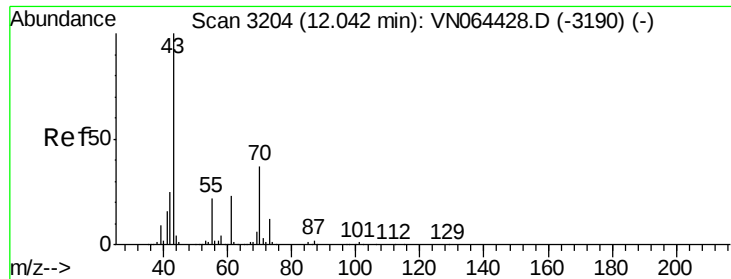
Isopropylbenzene
Concen: 144.269 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064669.D
Acq: 16 Nov 2020 18:49

Tgt Ion:105 Resp: 3749720
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.295 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

FD-111620

Tot Ion: 43 Resp: 65634

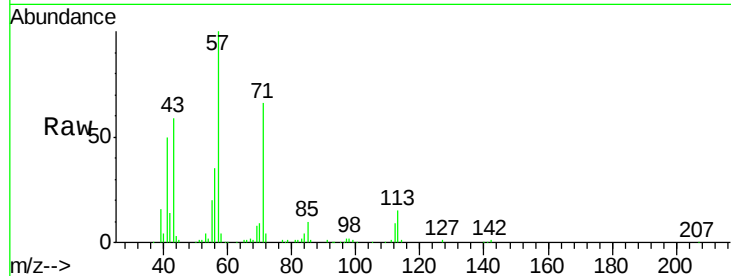
Ion Ratio Lower Upper

43 100

70 12.5 29.6 44.4#

55 16.5 18.4 27.6#

61 0.0 17.8 26.6#

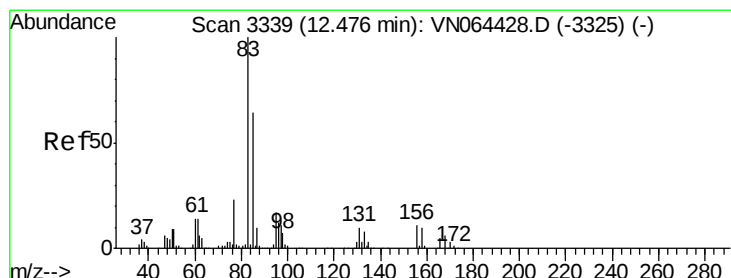
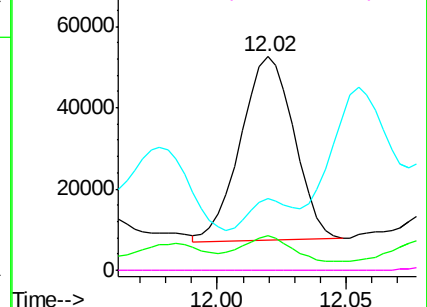
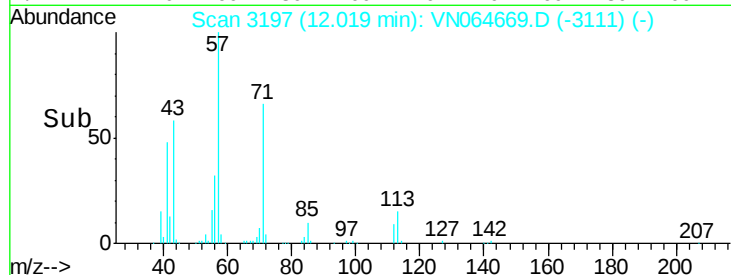


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.626 ug/l

RT: 12.39 min Scan# 3311

Delta R.T. -0.09 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

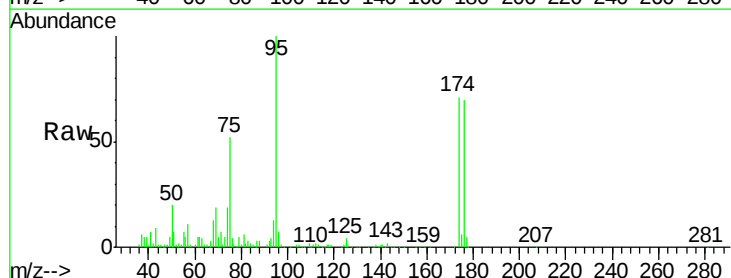
Tgt Ion: 83 Resp: 5000

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

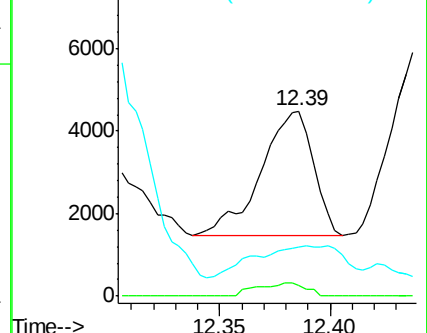
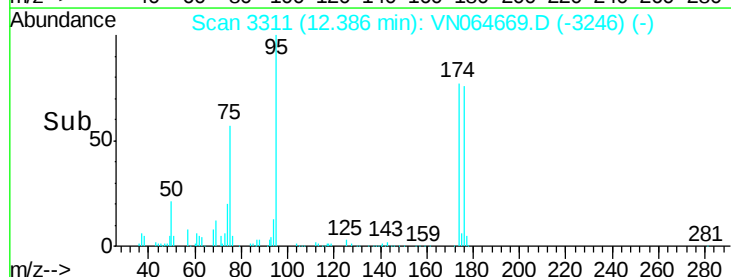
85 43.8 32.1 96.5

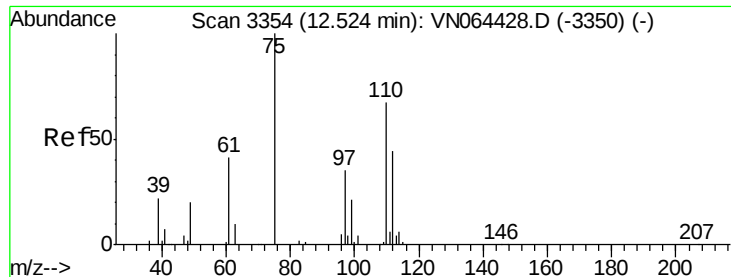


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 6.042 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampled :

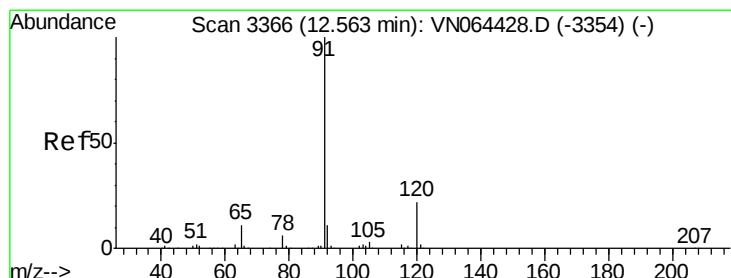
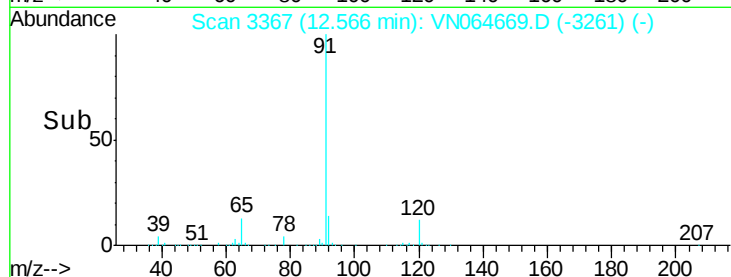
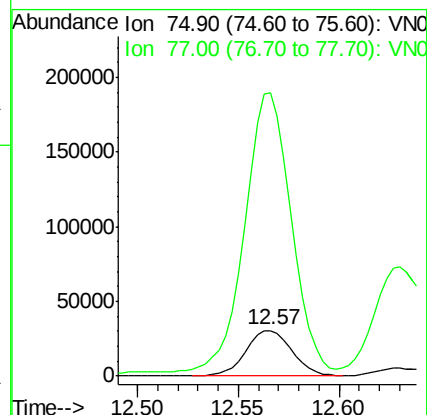
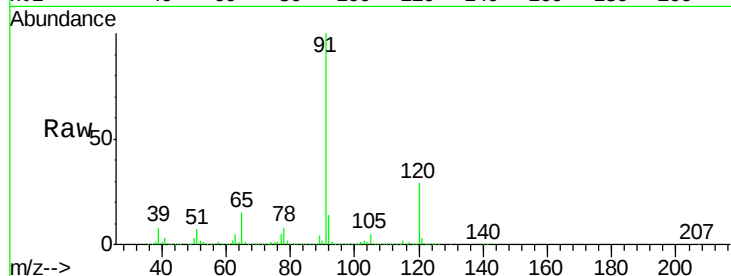
FD-111620

Tot Ion: 75 Resp: 47868

Ion Ratio Lower Upper

75 100

77 627.8 0.0 0.0#



#78

n-propylbenzene

Concen: 211.505 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064669.D

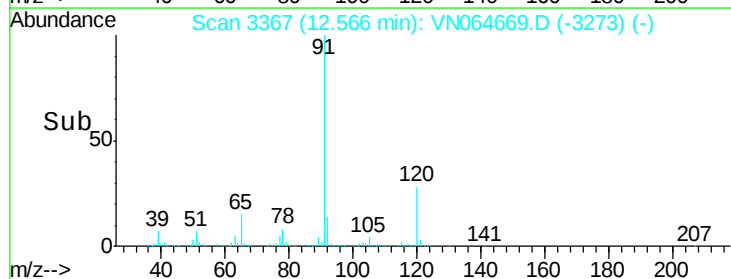
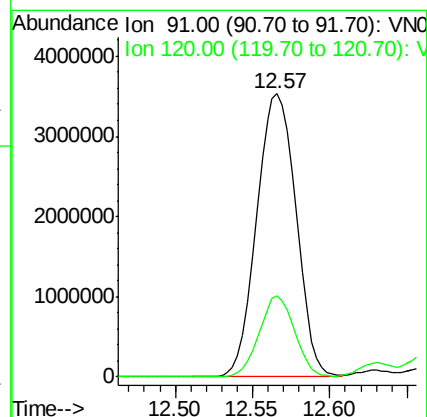
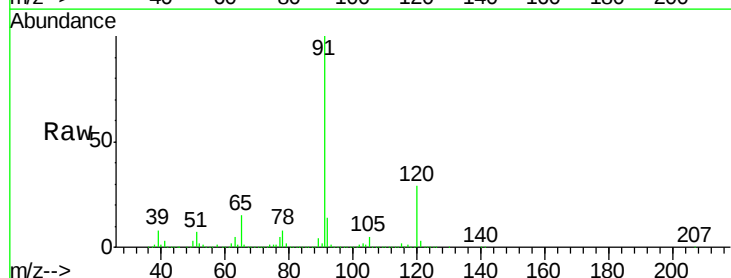
Acq: 16 Nov 2020 18:49

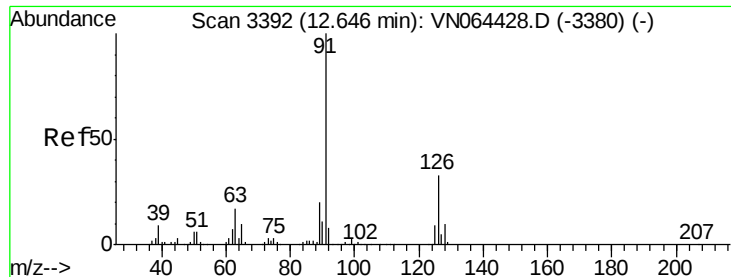
Tgt Ion: 91 Resp: 6267323

Ion Ratio Lower Upper

91 100

120 25.6 11.0 33.0

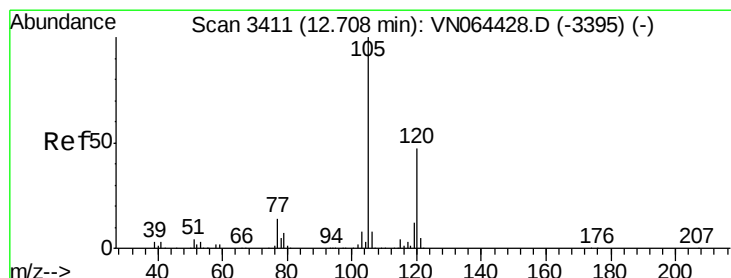
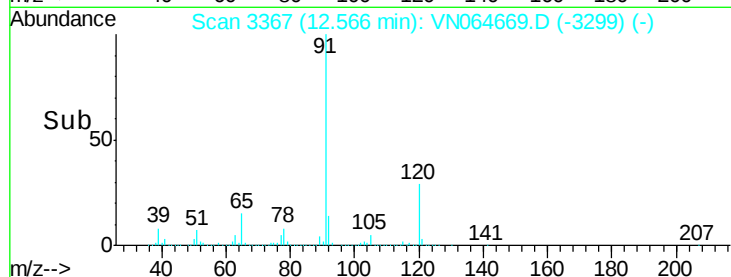
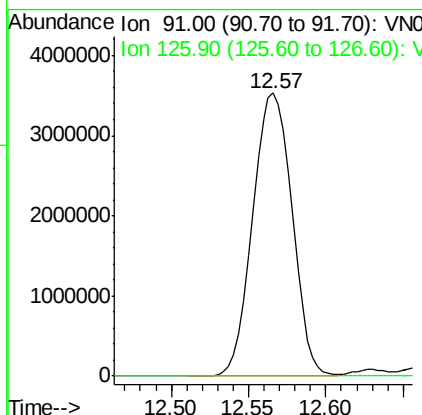
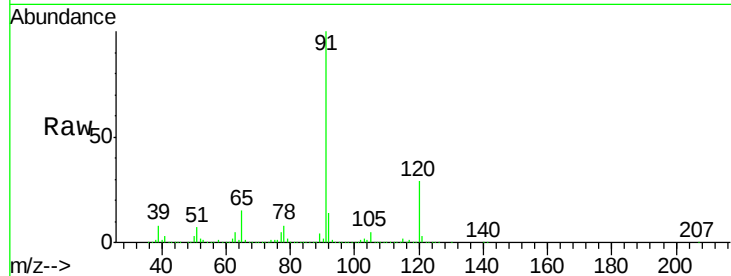




#79
 2-Chlorotoluene
 Concen: 333.477 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.08 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

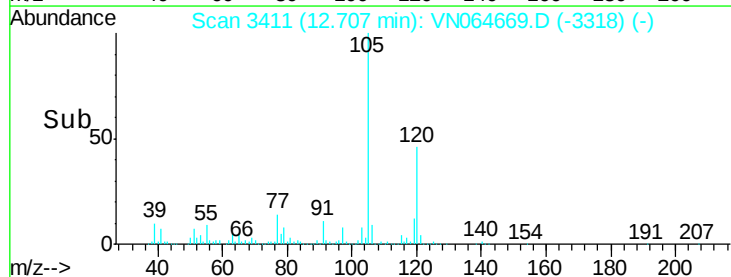
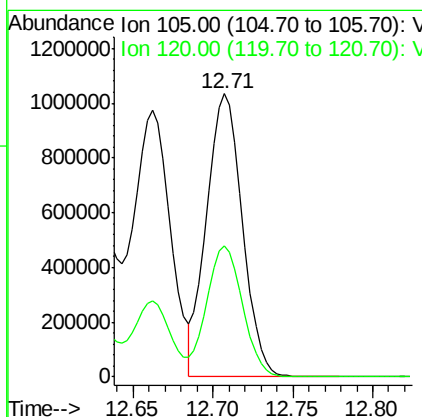
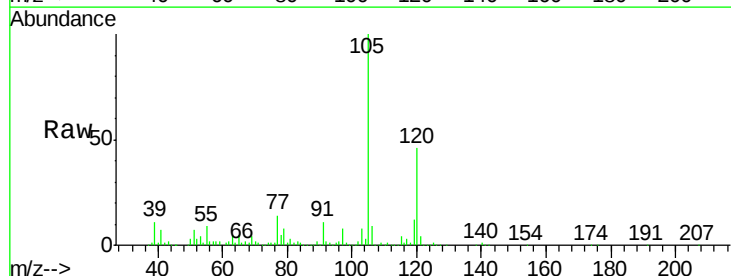
Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620

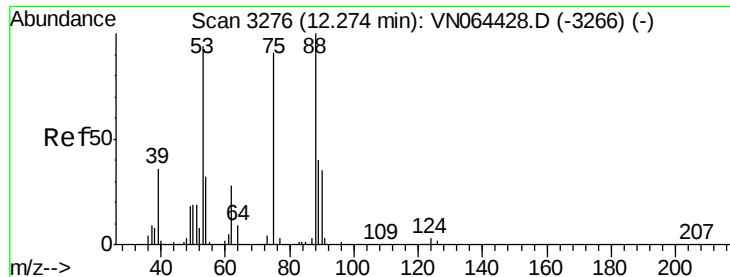
Tot Ion: 91 Resp: 6267323
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 74.673 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Tgt Ion: 105 Resp: 1601140
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.624 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

FD-111620

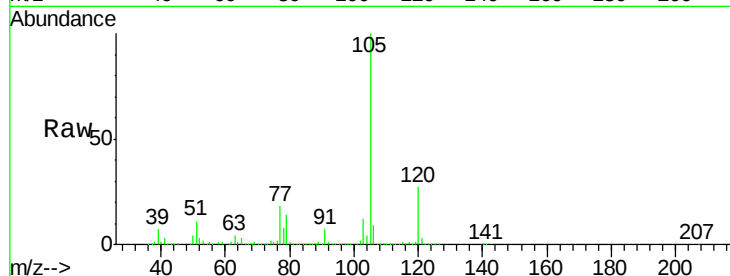
Tot Ion: 75 Resp: 50011

Ion Ratio Lower Upper

75 100

53 99.7 84.0 126.0

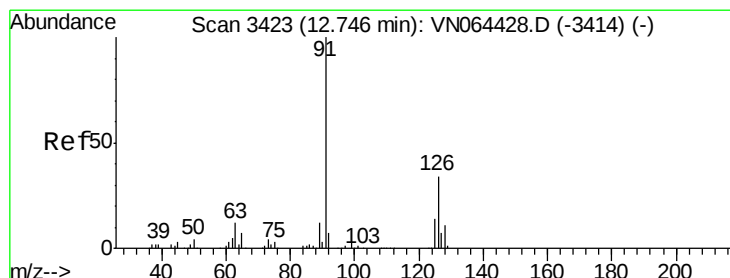
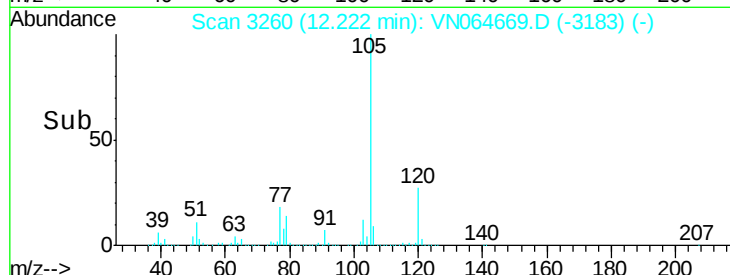
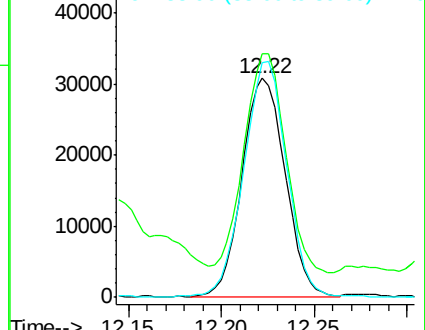
89 107.4 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 318.428 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN064669.D

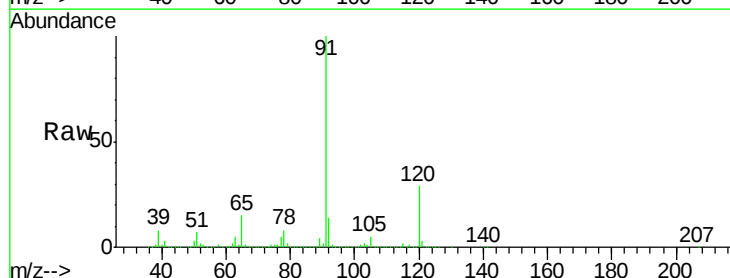
Acq: 16 Nov 2020 18:49

Tgt Ion: 91 Resp: 6267323

Ion Ratio Lower Upper

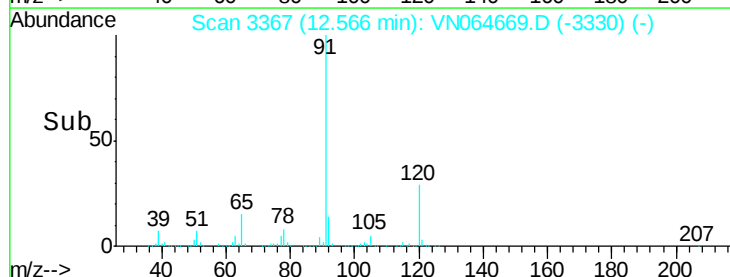
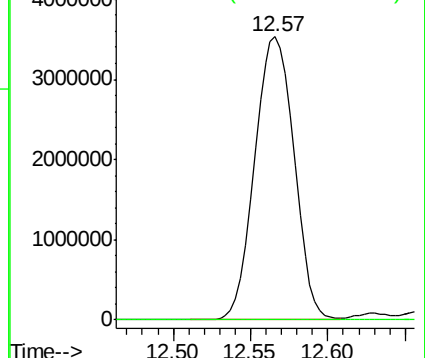
91 100

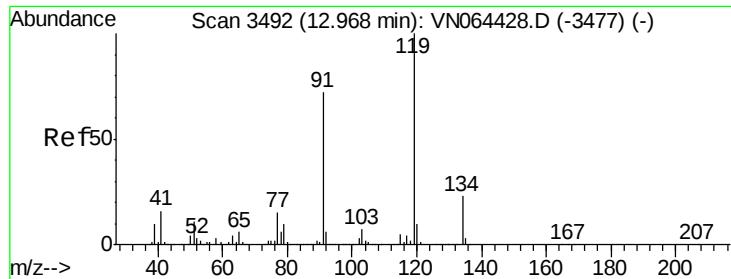
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3414) (-)

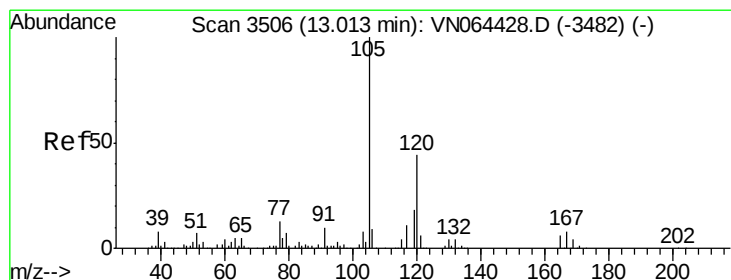
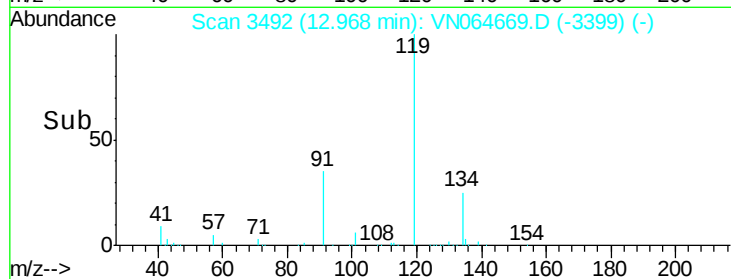
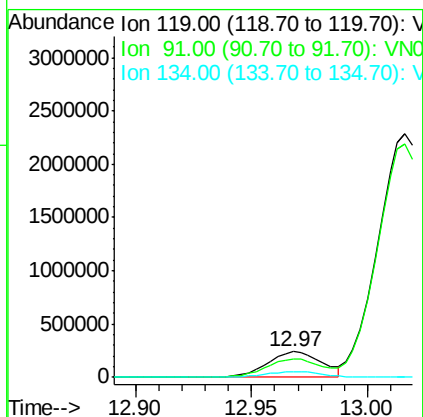
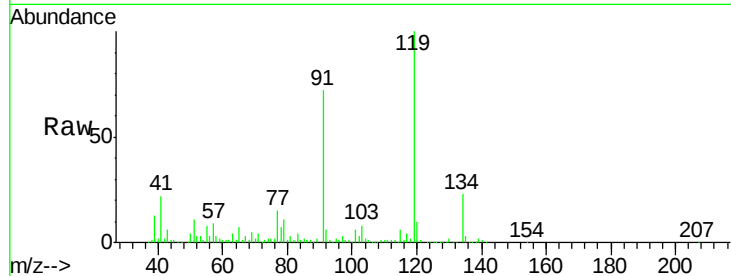




#83
 tert-Butylbenzene
 Concen: 23.546 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

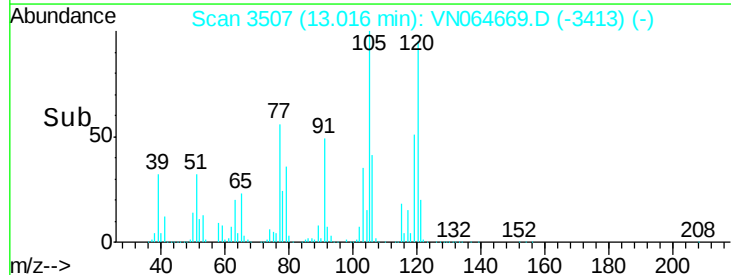
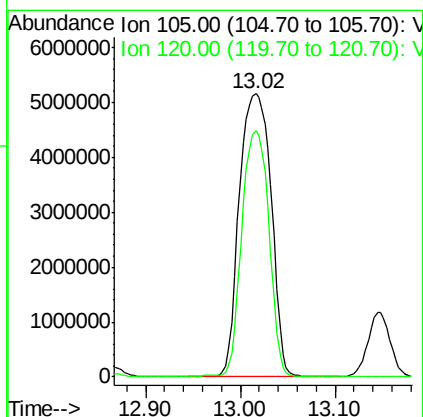
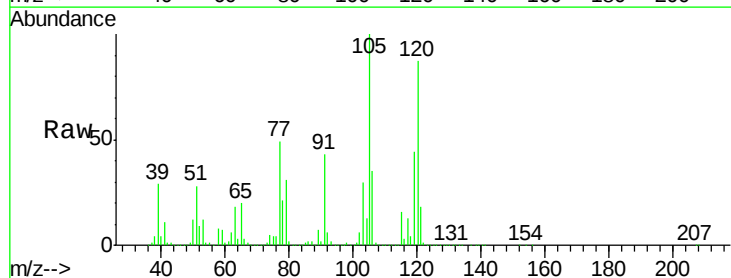
Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620

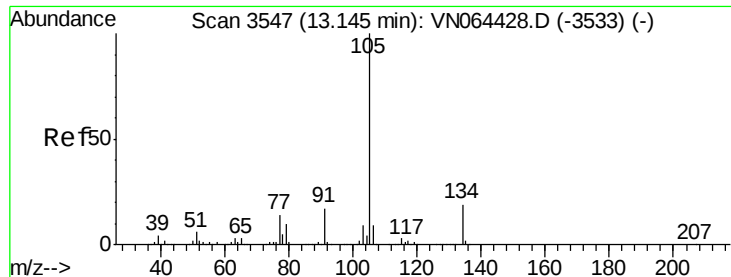
Tot Ion:119 Resp: 394312
 Ion Ratio Lower Upper
 119 100
 91 70.4 36.1 108.3
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 559.184 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Tgt Ion:105 Resp:12053279
 Ion Ratio Lower Upper
 105 100
 120 74.5 21.9 65.7#





#85

sec-Butylbenzene

Concen: 89.282 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampled :

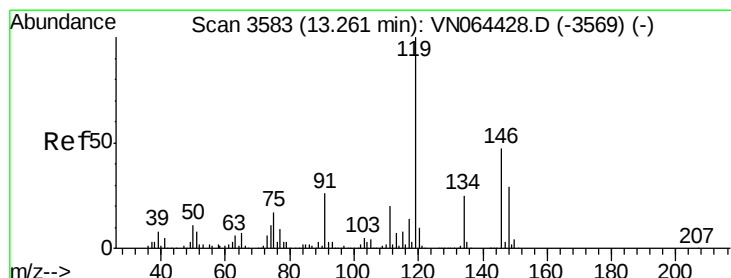
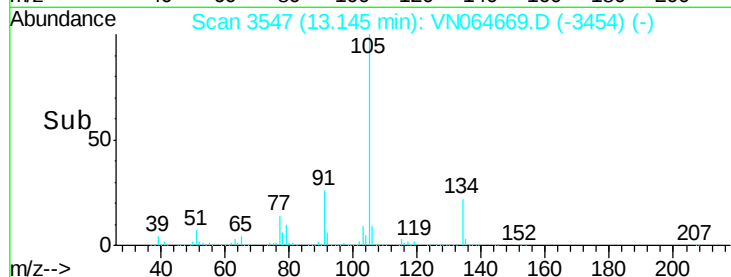
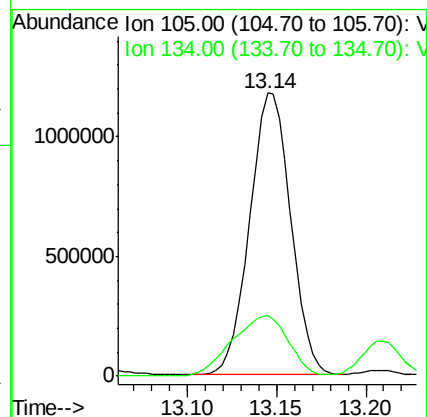
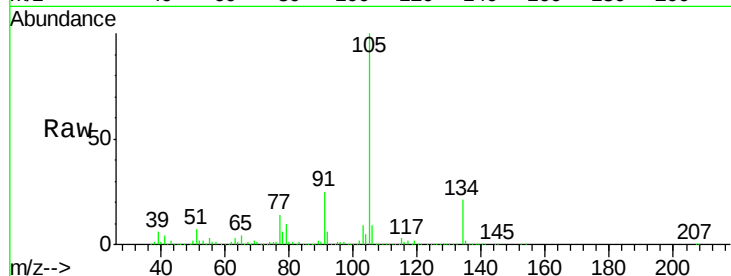
FD-111620

Tot Ion:105 Resp: 1893580

Ion Ratio Lower Upper

105 100

134 29.4 9.4 28.2#



#86

p-Isopropyltoluene

Concen: 50.181 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

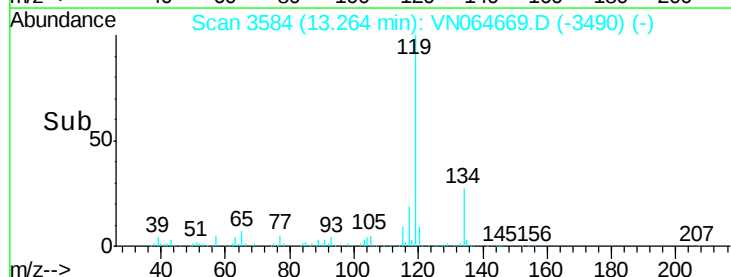
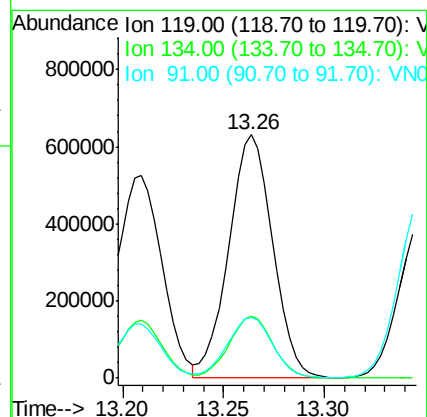
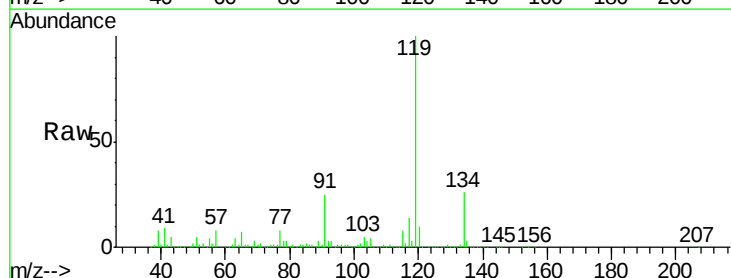
Tgt Ion:119 Resp: 957301

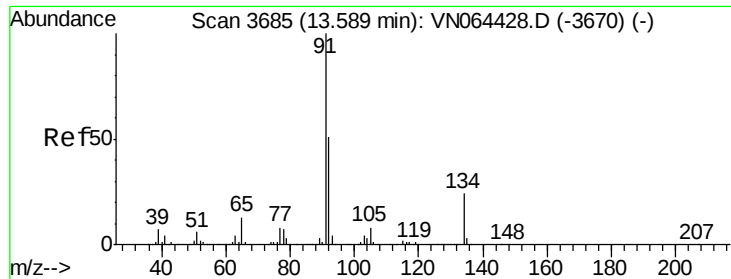
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.3 12.8 38.3





#89

n-Butylbenzene

Concen: 69.777 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampled :

FD-111620

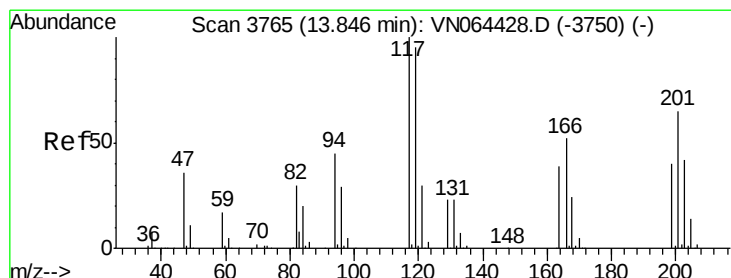
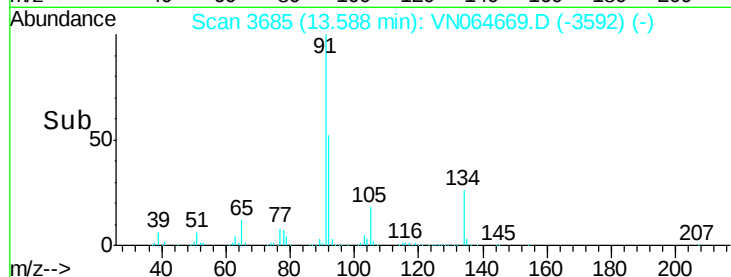
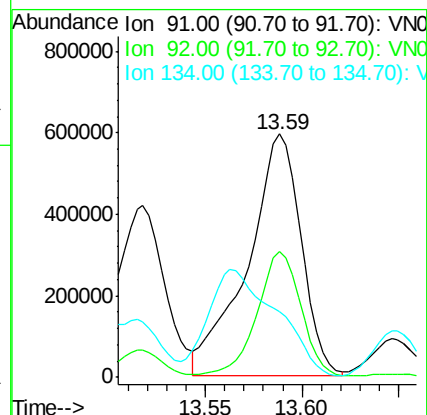
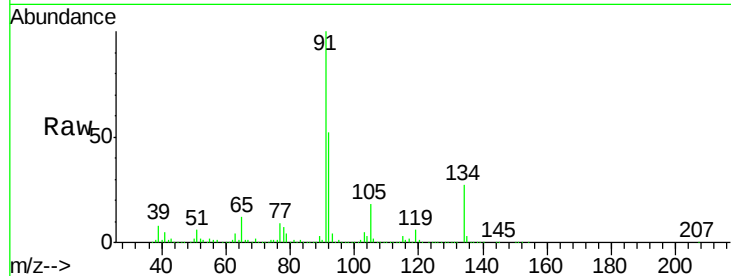
Tot Ion: 91 Resp: 1144509

Ion Ratio Lower Upper

91 100

92 42.4 25.3 75.9

134 0.0 11.8 35.4#



#90

Hexachloroethane

Concen: 66.112 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064669.D

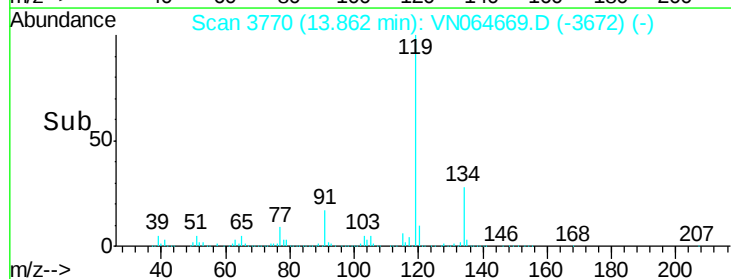
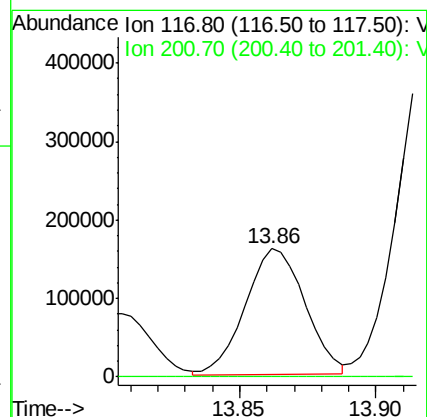
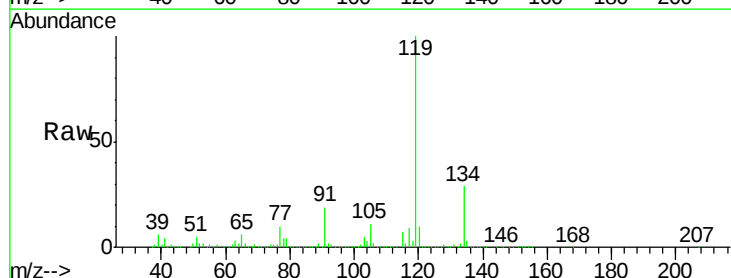
Acq: 16 Nov 2020 18:49

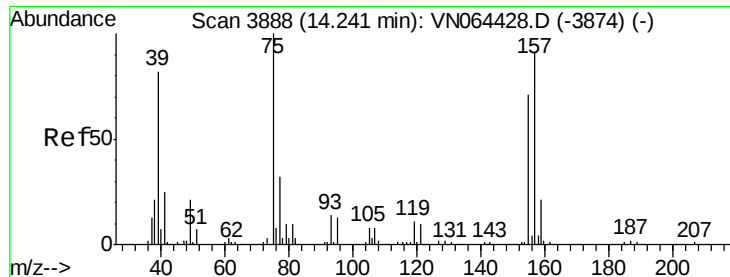
Tgt Ion: 117 Resp: 243298

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.214 ug/l

RT: 14.22 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

FD-111620

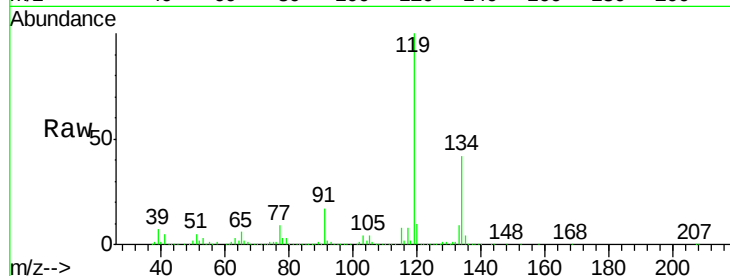
Tot Ion: 75 Resp: 8288

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

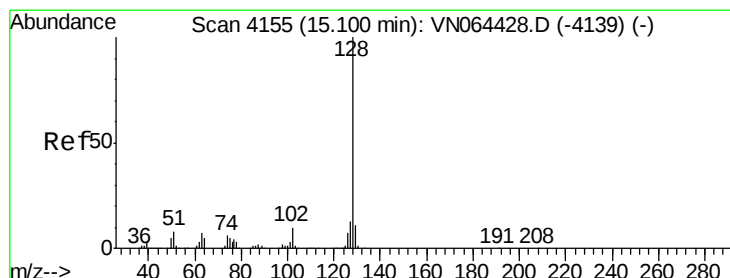
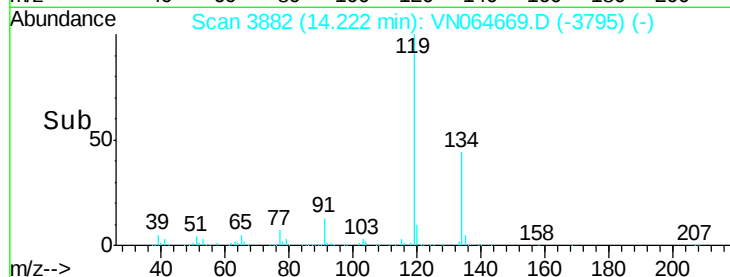
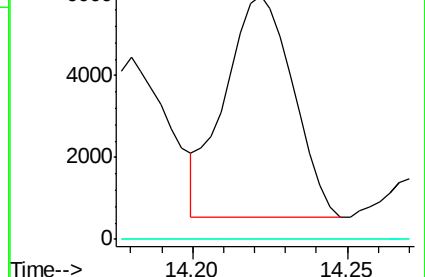
157 0.0 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064428.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064428.D (-3874) (-)



#95

Naphthalene

Concen: 8.431 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064669.D

Acq: 16 Nov 2020 18:49

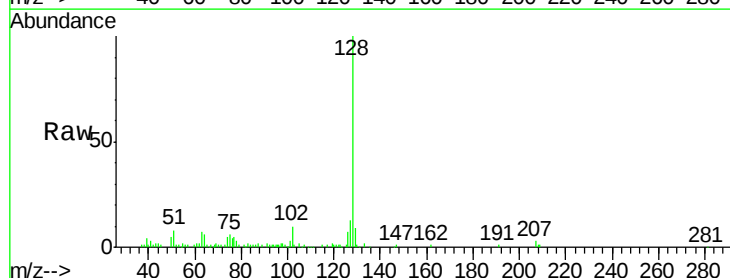
Tgt Ion: 128 Resp: 92974

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

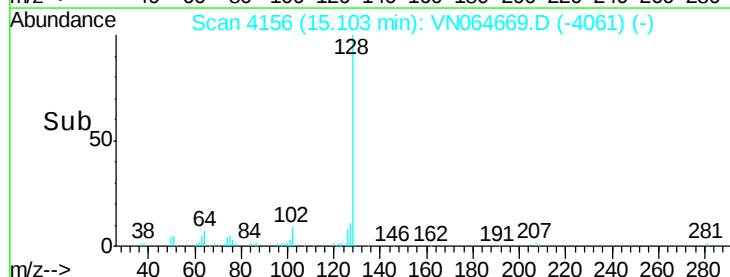
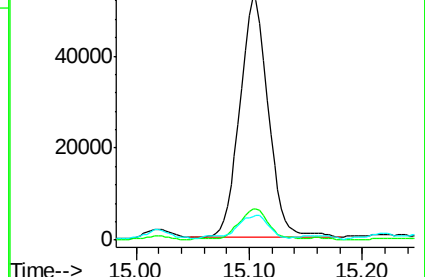
129 10.8 8.8 13.2

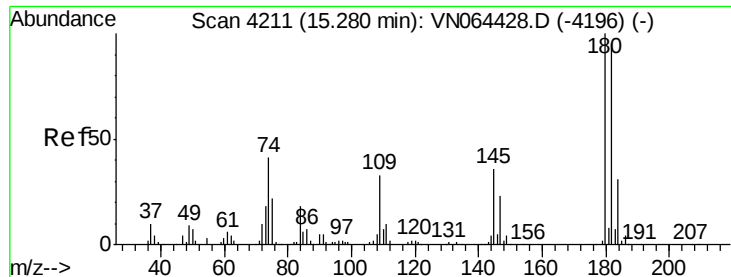


Abundance Ion 128.00 (127.70 to 128.70): VN064428.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN064428.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN064428.D (-4139) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 2.789 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN064669.D
 Acq: 16 Nov 2020 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-111620

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.7	143.1#
145	0.0	18.3	54.8#

