

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
 Data File : VN062828.D
 Acq On : 11 Aug 2020 14:17
 Operator : JC/MD
 Sample : L3624-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-2

Quant Time: Aug 11 15:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	125045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	216839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81429	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	105386	50.96	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.55	113	74451	49.36	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.06	98	282793	48.02	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.38	95	103779	46.63	ug/l	0.00
Spiked Amount						
Recovery						

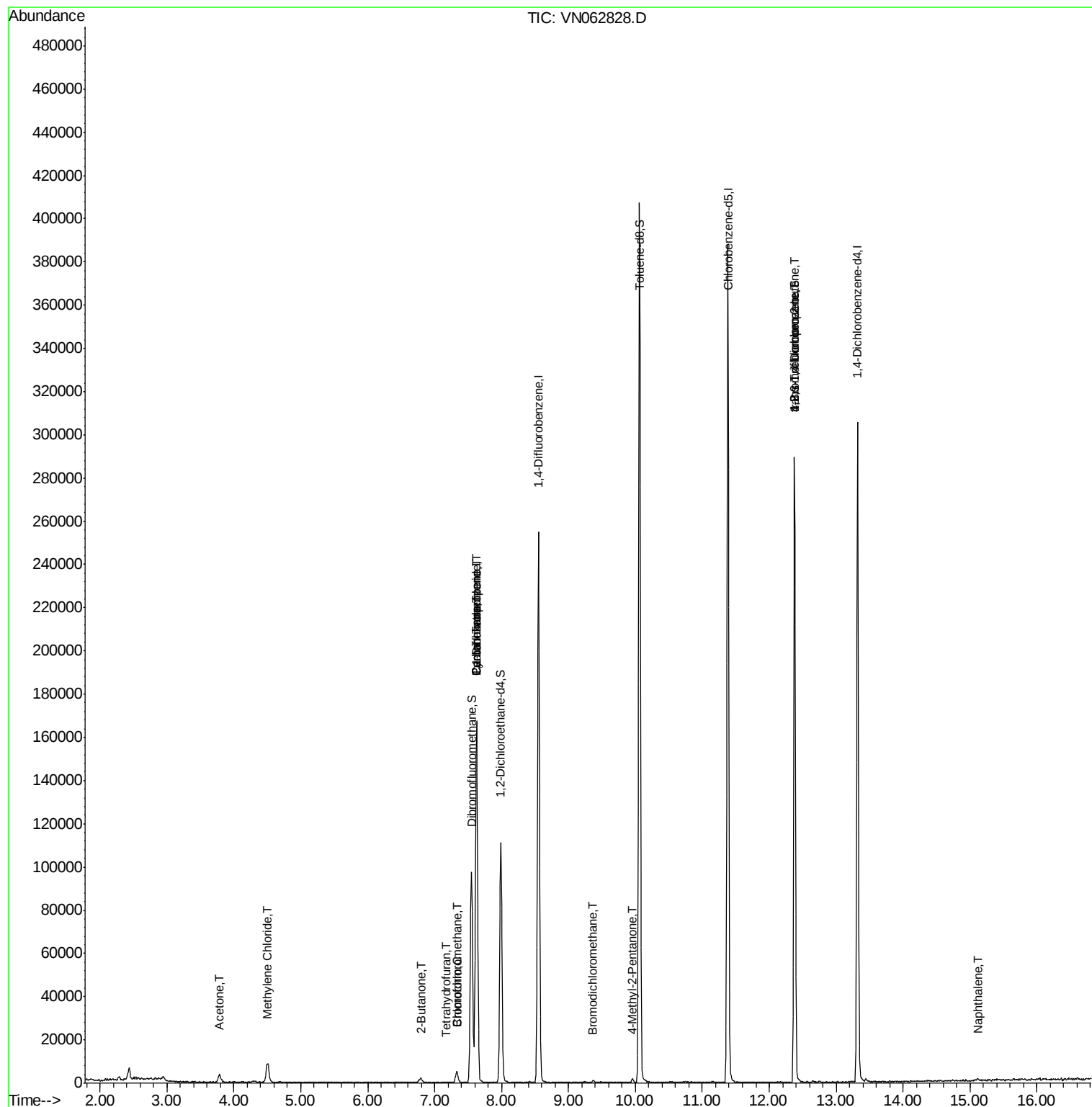
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	6528	8.737	ug/l	98
17) Carbon Disulfide	4.00	76	214	Below Cal	#	74
18) Methyl Acetate	4.27	43	471	Below Cal	#	52
20) Methylene Chloride	4.50	84	7707	4.951	ug/l #	83
25) 2-Butanone	6.80	43	1762	1.665	ug/l #	49
28) Bromochloromethane	7.33	49	355	0.269	ug/l #	14
29) Tetrahydrofuran	7.16	42	183	0.266	ug/l #	33
30) Chloroform	7.33	83	5929	2.043	ug/l	98
31) Cyclohexane	7.63	56	2935	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10763	5.013	ug/l #	53
38) Carbon Tetrachloride	7.63	117	13347	5.256	ug/l #	15
47) Bromodichloromethane	9.37	83	829	0.325	ug/l #	71
51) 4-Methyl-2-Pentanone	9.96	43	1868	0.772	ug/l	89
76) 1,2,3-Trichloropropane	12.38	75	55847	25.431	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55847	77.633	ug/l #	10
95) Naphthalene	15.11	128	1227	4.012	ug/l #	68

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
Data File : VN062828.D
Acq On : 11 Aug 2020 14:17
Operator : JC/MD
Sample : L3624-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-TP-2

Quant Time: Aug 11 15:06:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

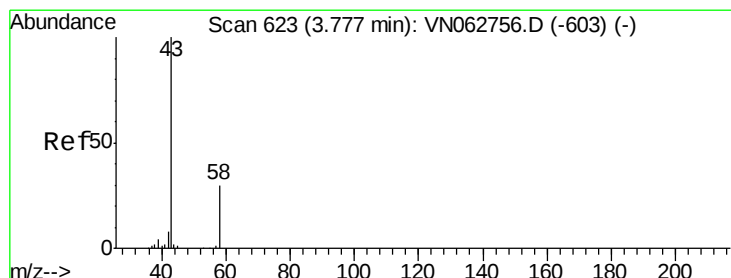
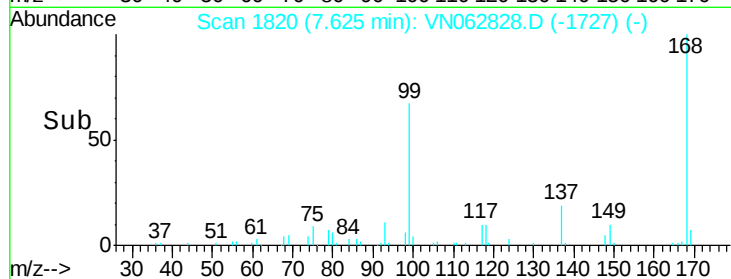
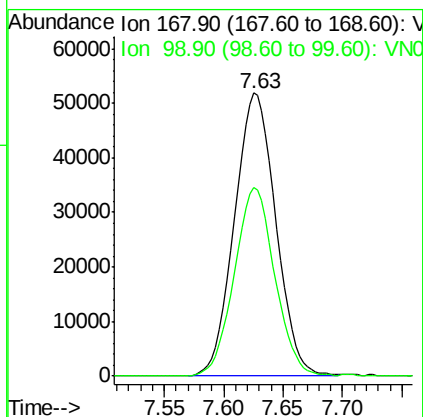
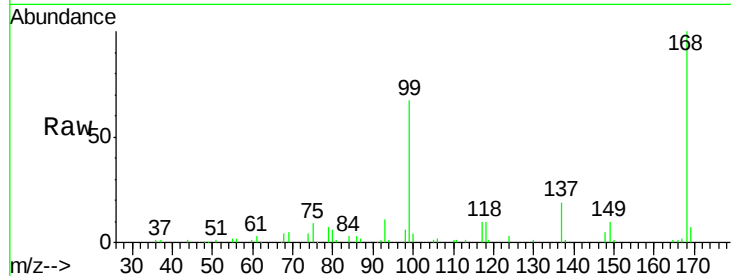




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

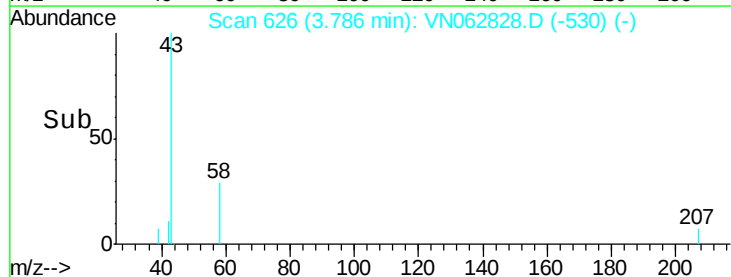
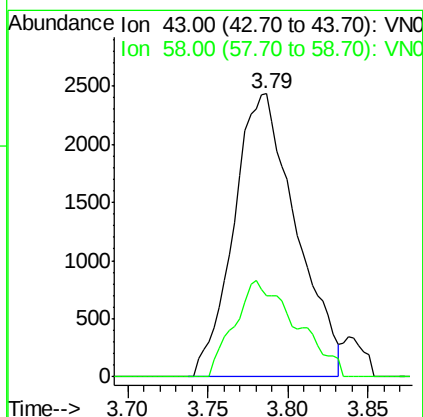
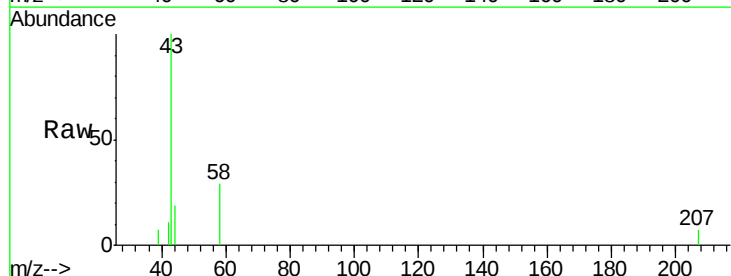
Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

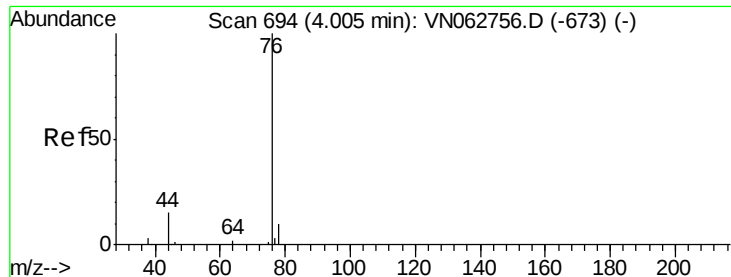
Tgt Ion: 168 Resp: 125045
Ion Ratio Lower Upper
168 100
99 66.8 52.9 79.3



#16
Acetone
Concen: 8.737 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
58 28.9 24.1 36.1





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

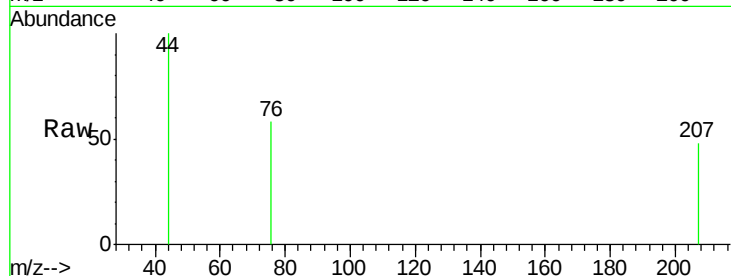
SS-TP-2

Tgt Ion: 76 Resp: 214

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

250

200

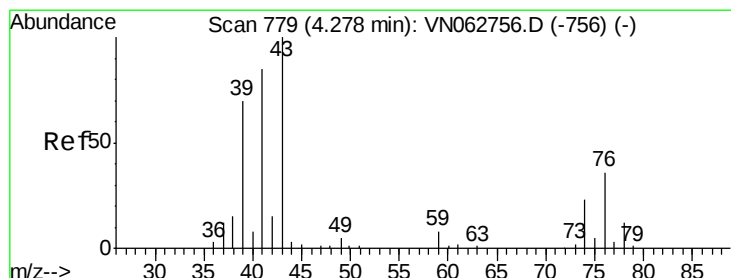
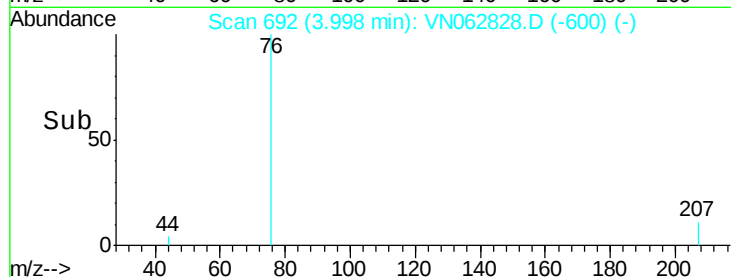
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062828.D

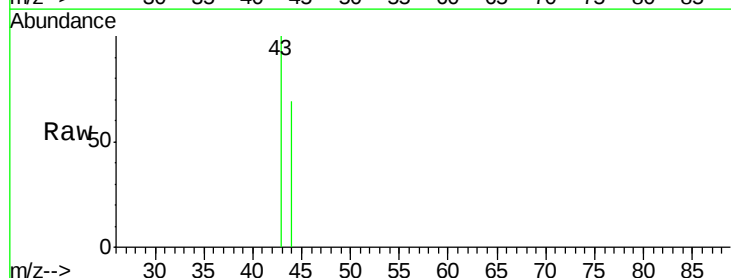
Acq: 11 Aug 2020 14:17

Tgt Ion: 43 Resp: 471

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

600

500

400

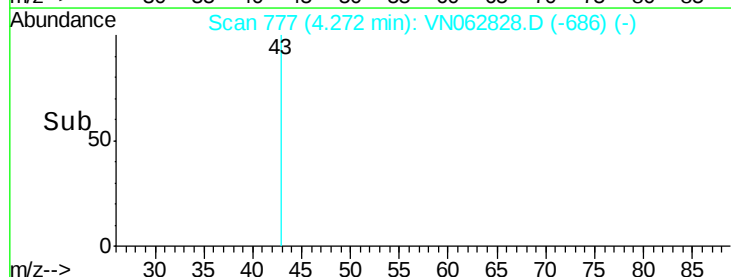
300

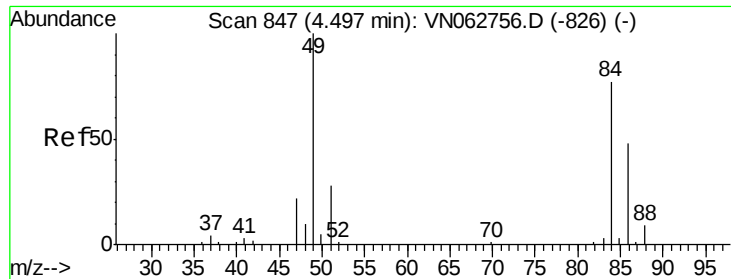
200

100

0

Time-->

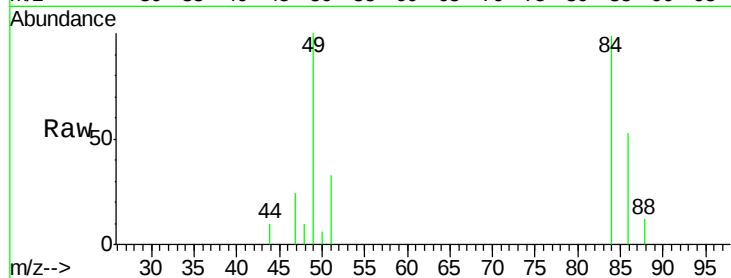




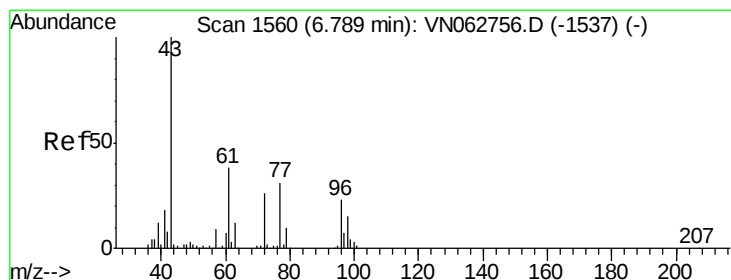
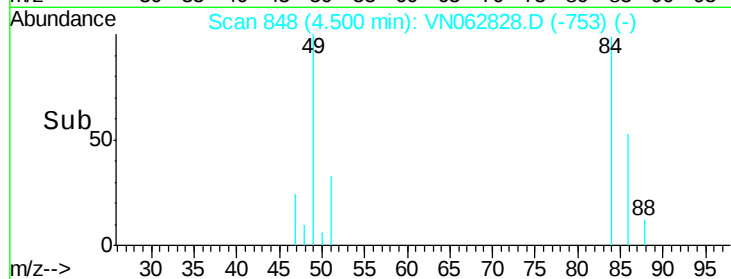
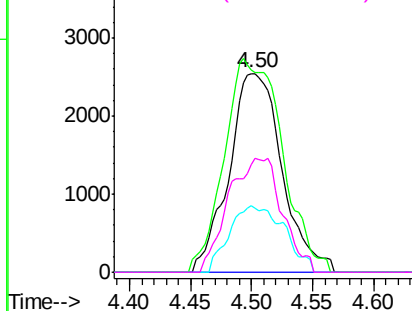
#20
Methylene Chloride
Concen: 4.951 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

Tgt Ion: 84 Resp: 7707
Ion Ratio Lower Upper
84 100
49 101.4 103.4 155.2#
51 33.7 29.3 43.9
86 53.9 49.9 74.9

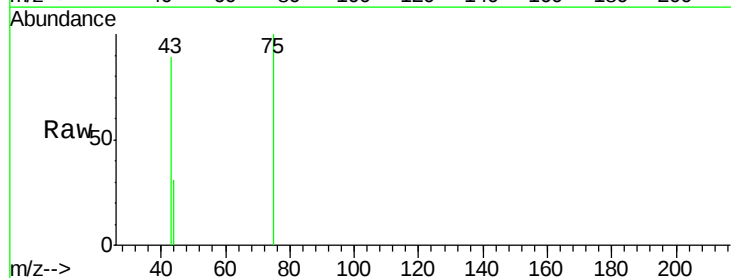


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

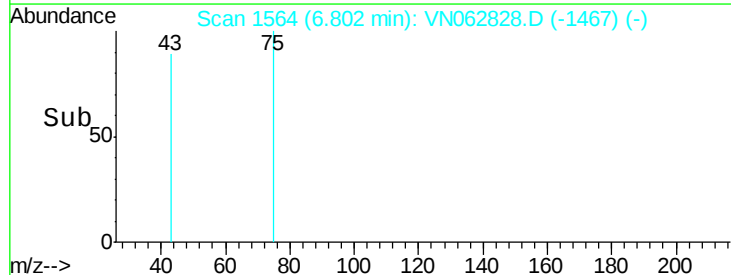
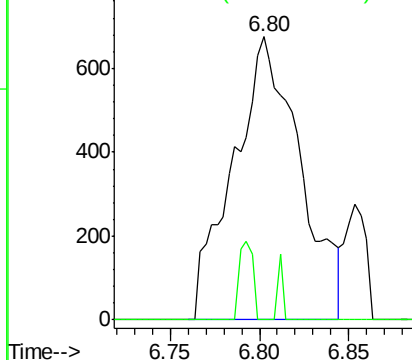


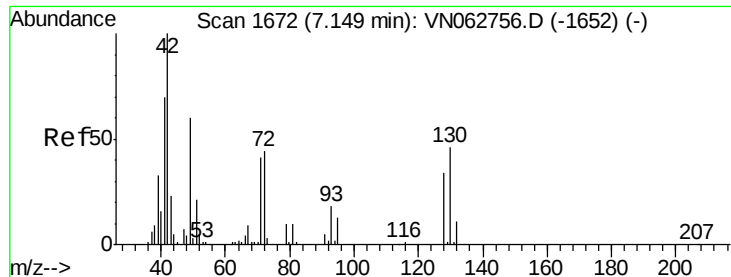
#25
2-Butanone
Concen: 1.665 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#28

Bromochloromethane

Concen: 0.269 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-2

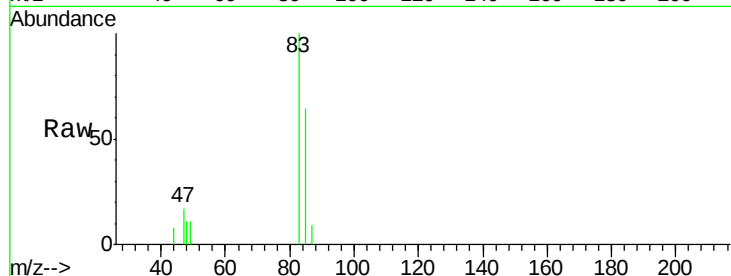
Tgt Ion: 49 Resp: 355

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

130 0.0 59.0 88.6#

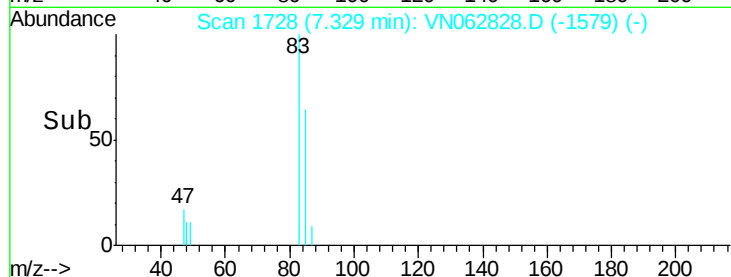


Abundance Ion 48.90 (48.60 to 49.60): VN0

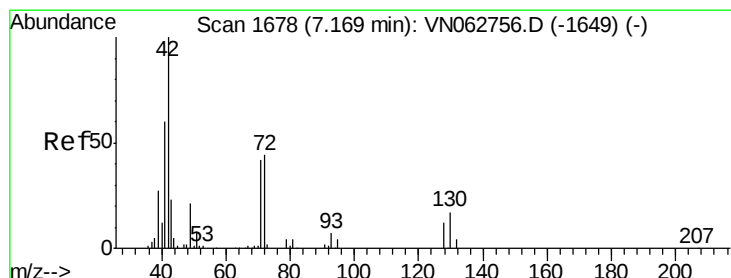
Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0

Time-->



Time-->



#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

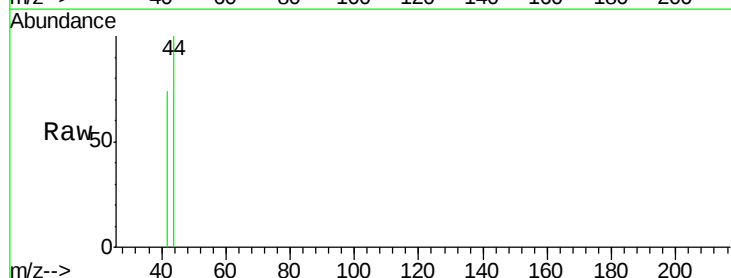
Tgt Ion: 42 Resp: 183

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

71 0.0 33.2 49.8#

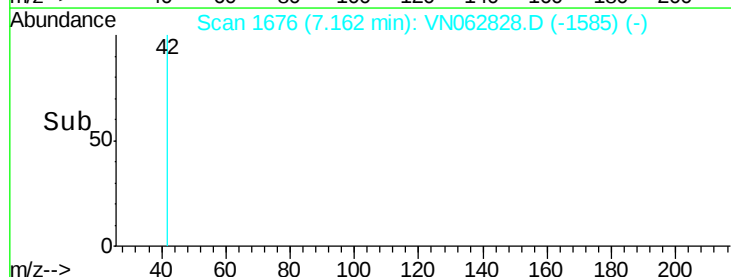


Abundance Ion 42.00 (41.70 to 42.70): VN0

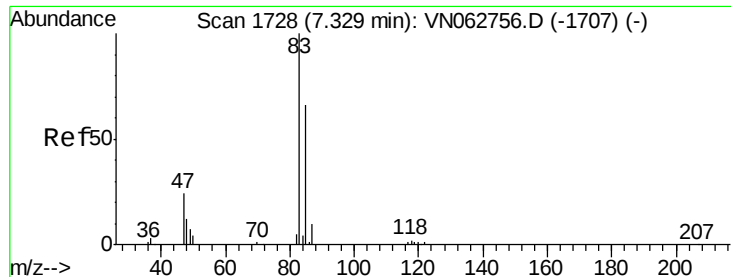
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



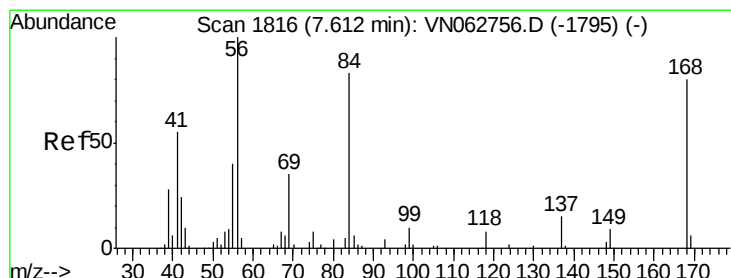
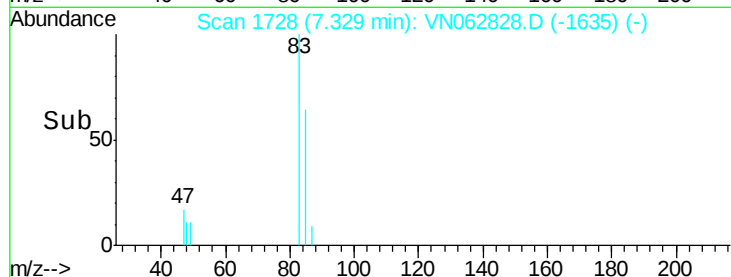
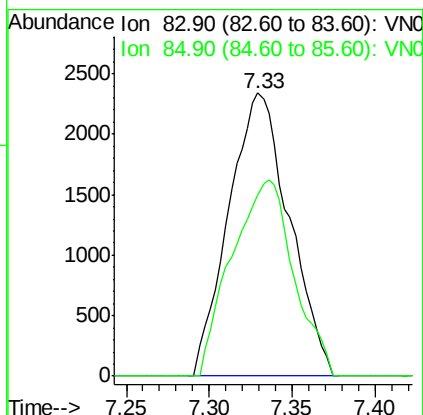
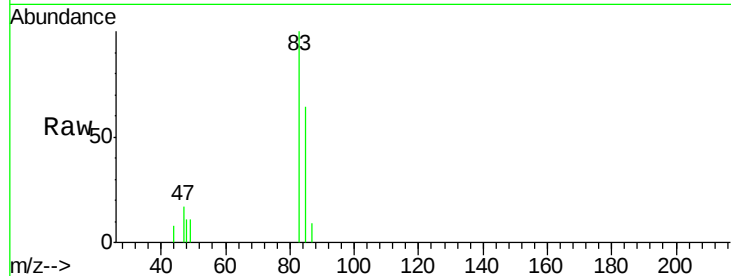
Time-->



#30
Chloroform
Concen: 2.043 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

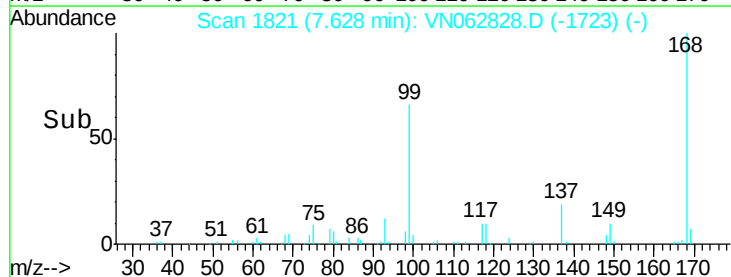
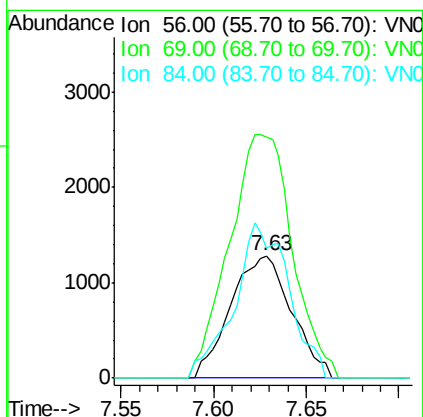
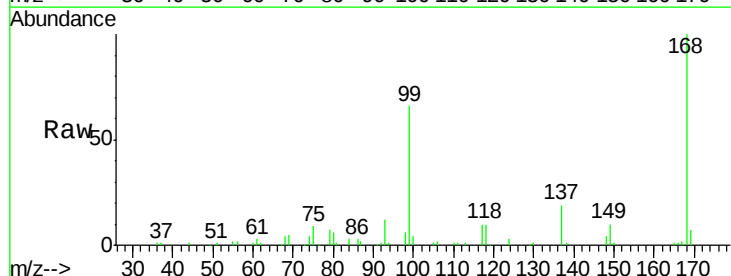
Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

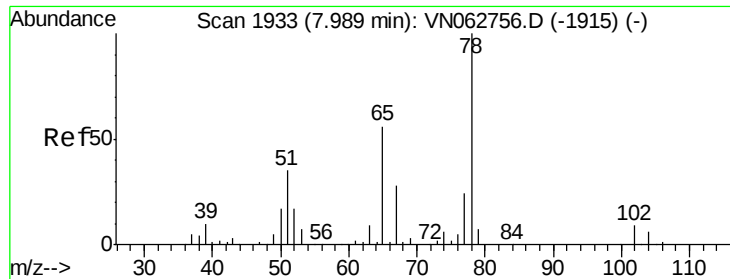
Tgt Ion: 83 Resp: 5929
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 197.9 28.1 42.1#
84 106.1 66.8 100.2#





#33

1,2-Dichloroethane-d4

Concen: 50.964 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

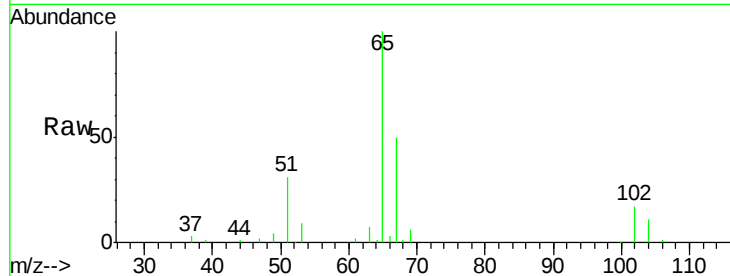
SS-TP-2

Tgt Ion: 65 Resp: 105386

Ion Ratio Lower Upper

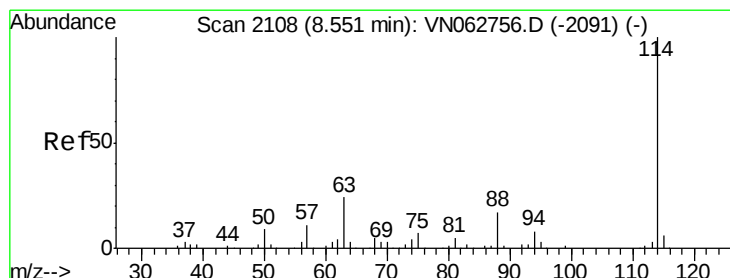
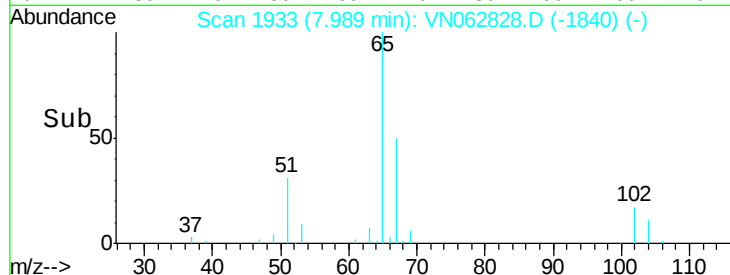
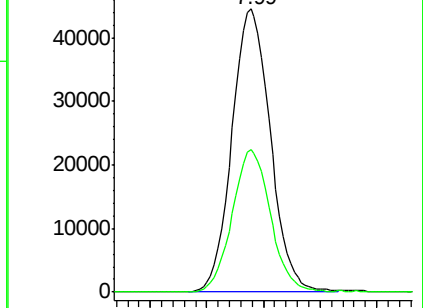
65 100

67 50.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062828.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062828.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

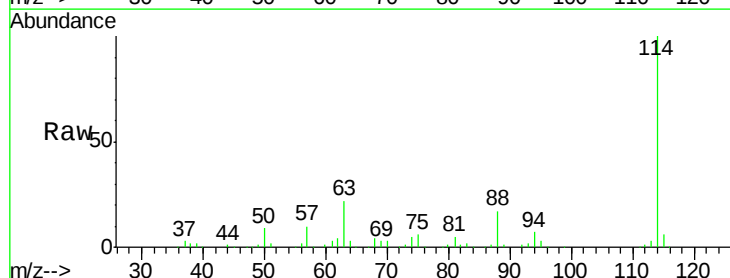
Tgt Ion: 114 Resp: 220506

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

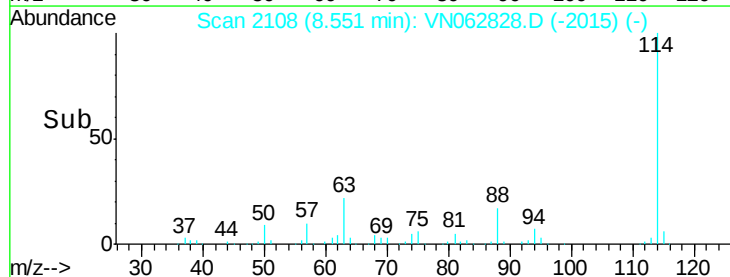
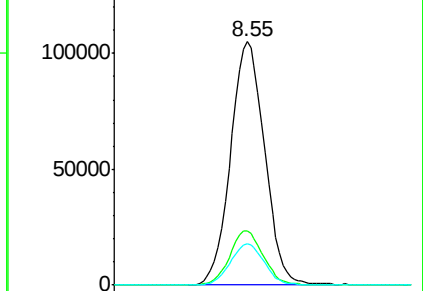
88 17.1 0.0 34.4

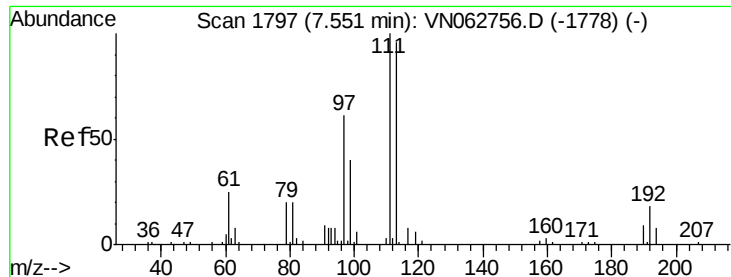


Abundance Ion 113.90 (113.60 to 114.60): VN062828.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062828.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062828.D (-2015) (-)

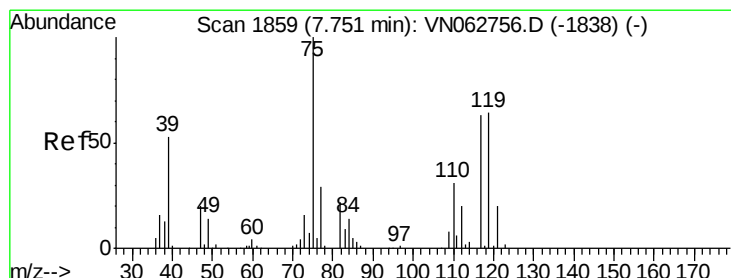
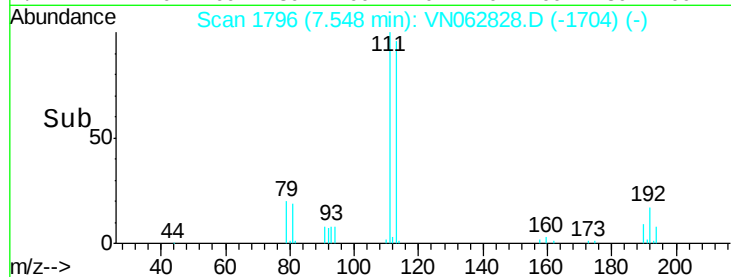
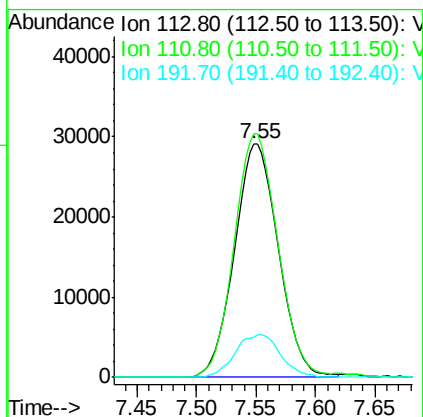
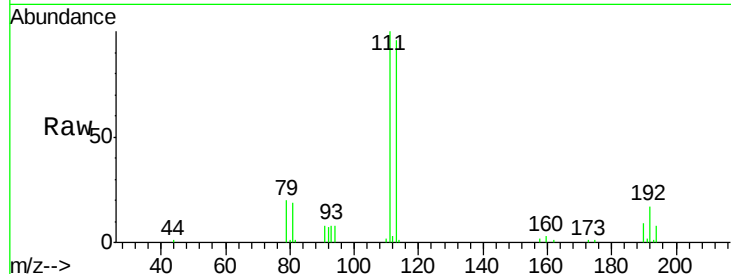




#35
 Dibromofluoromethane
 Concen: 49.358 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062828.D
 Acq: 11 Aug 2020 14:17

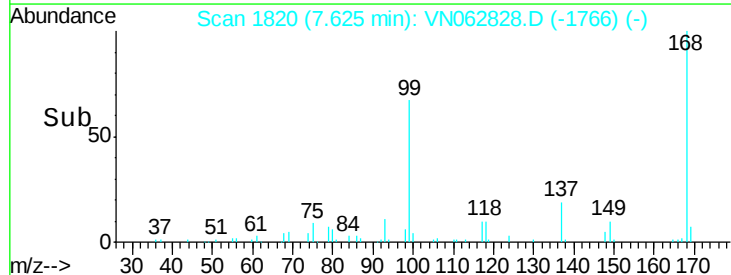
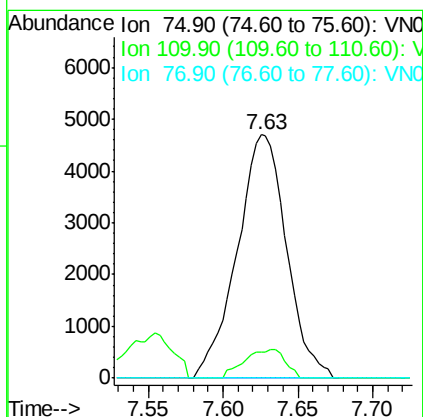
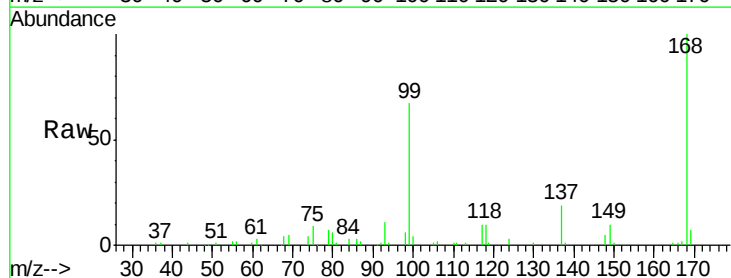
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-2

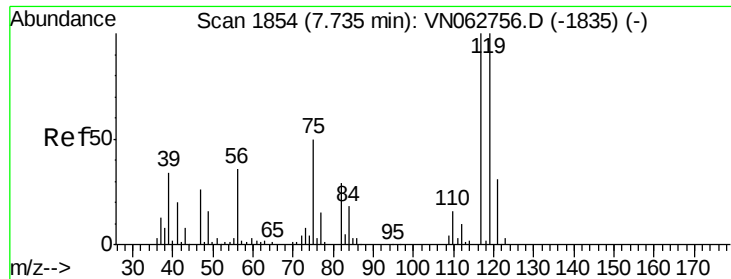
Tgt Ion:113 Resp: 74451
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 18.8 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062828.D
 Acq: 11 Aug 2020 14:17

Tgt Ion: 75 Resp: 10763
 Ion Ratio Lower Upper
 75 100
 110 9.9 15.6 46.7#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.256 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

SS-TP-2

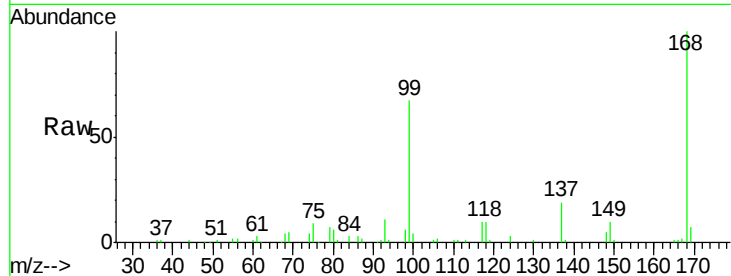
Tgt Ion:117 Resp: 13347

Ion Ratio Lower Upper

117 100

119 5.5 79.4 119.2#

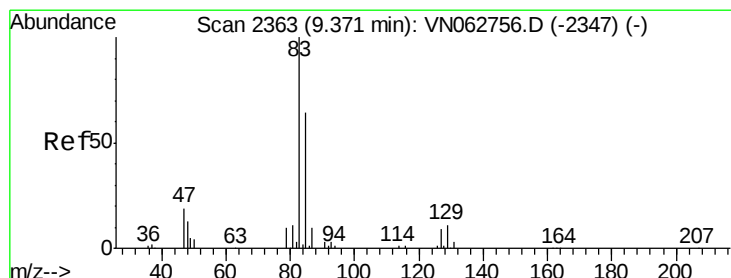
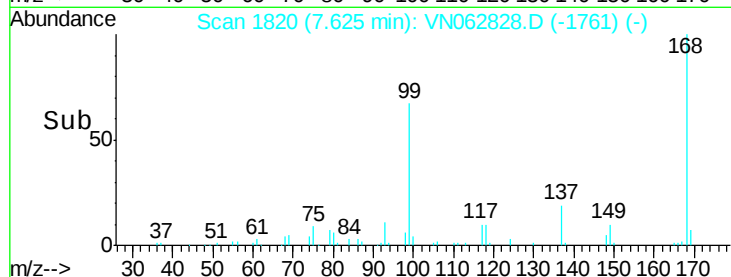
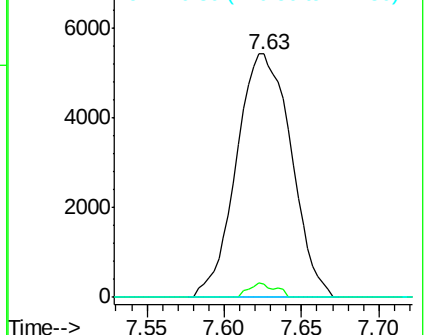
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#47

Bromodichloromethane

Concen: 0.325 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

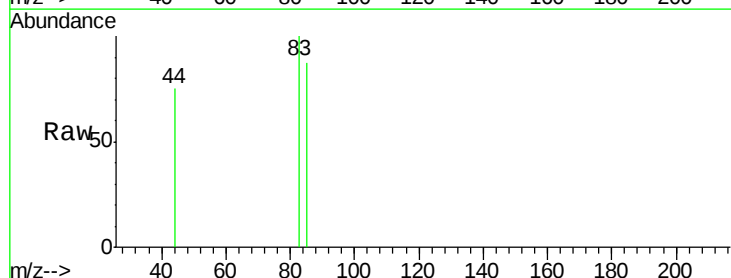
Tgt Ion: 83 Resp: 829

Ion Ratio Lower Upper

83 100

85 87.5 51.4 77.0#

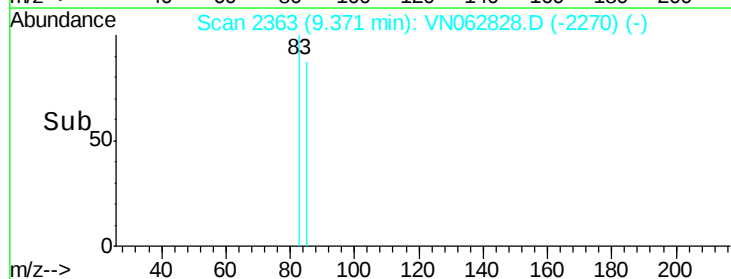
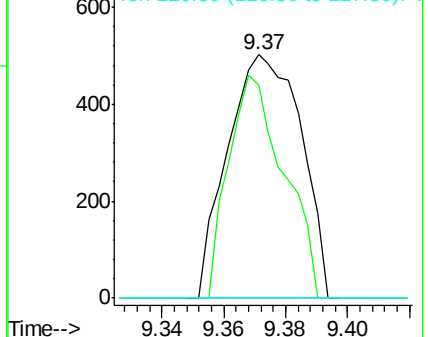
127 0.0 6.9 10.3#

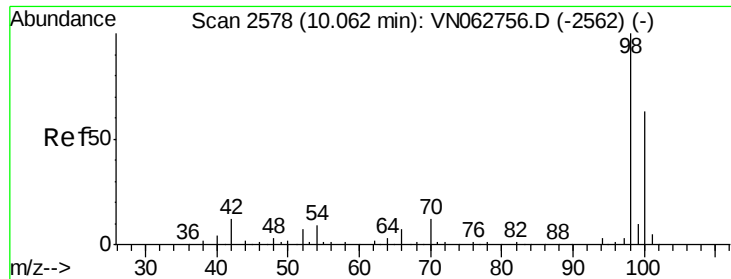


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 126.80 (126.50 to 127.50): V

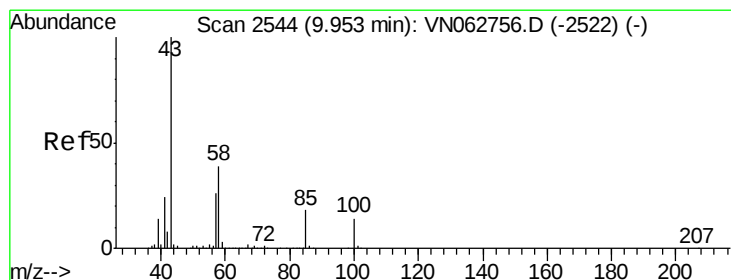
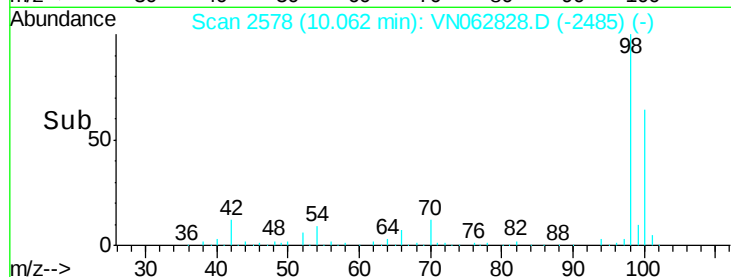
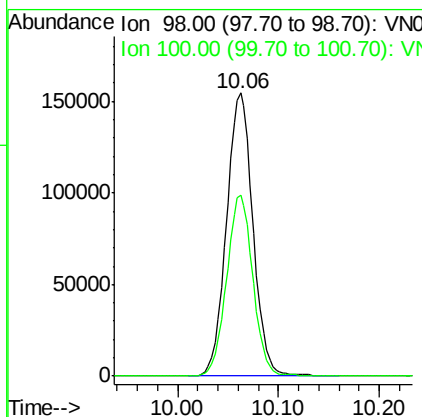
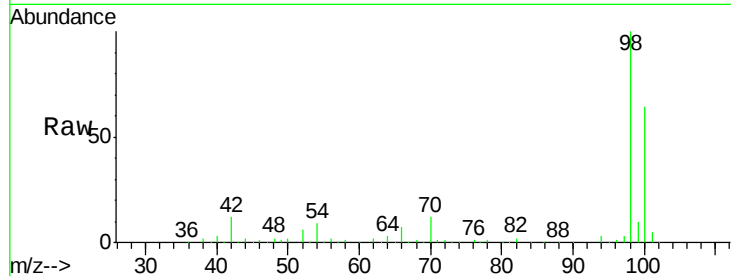




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

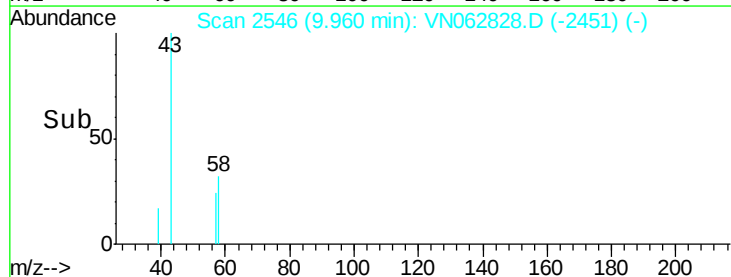
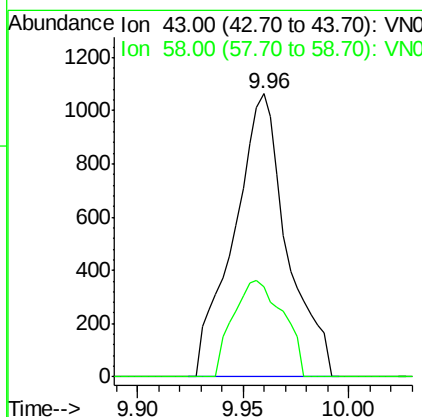
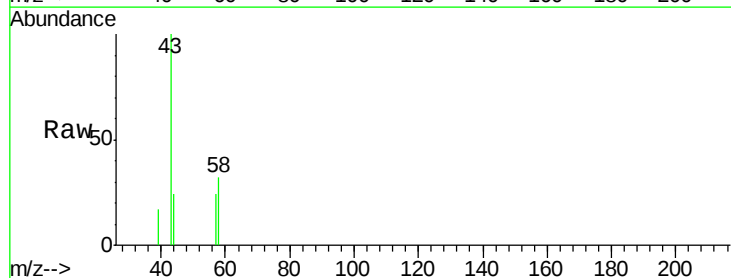
Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

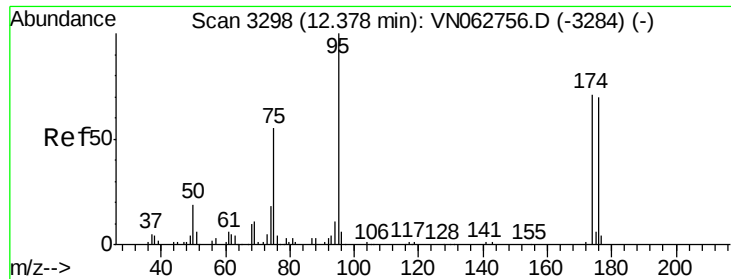
Tgt Ion: 98 Resp: 282793
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.772 ug/l
RT: 9.96 min Scan# 2546
Delta R.T. 0.01 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 32.0 31.1 46.7

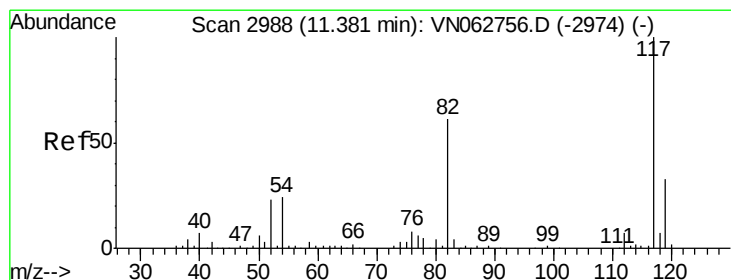
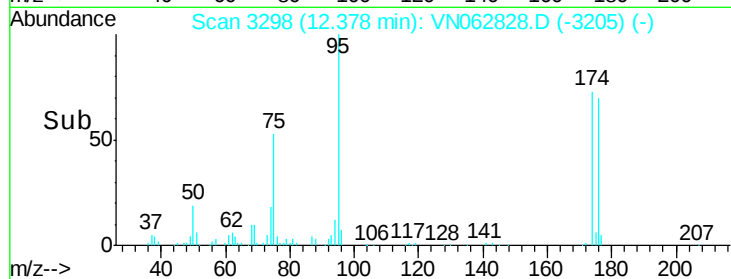
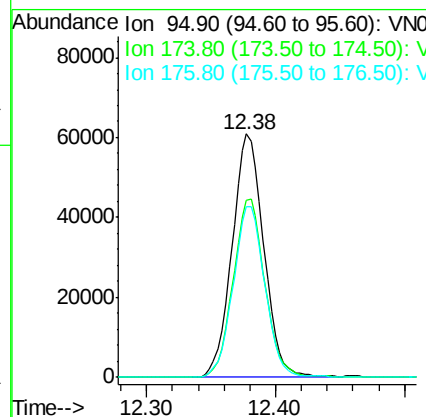
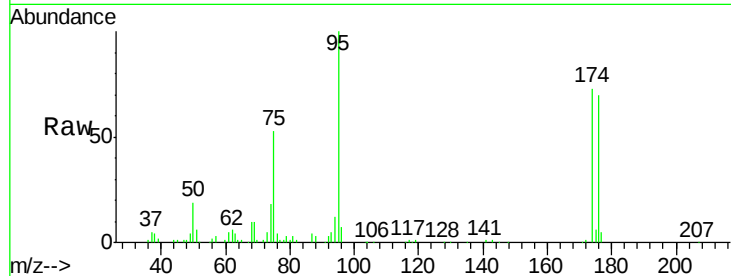




#62
4-Bromofluorobenzene
Concen: 46.634 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

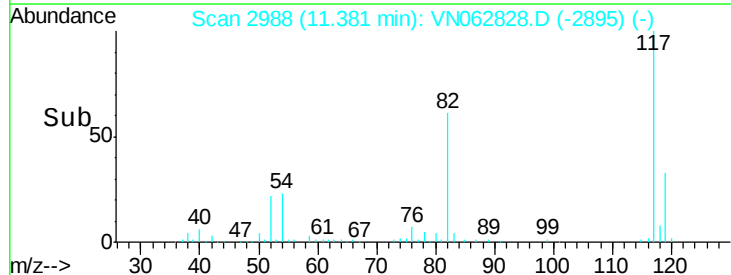
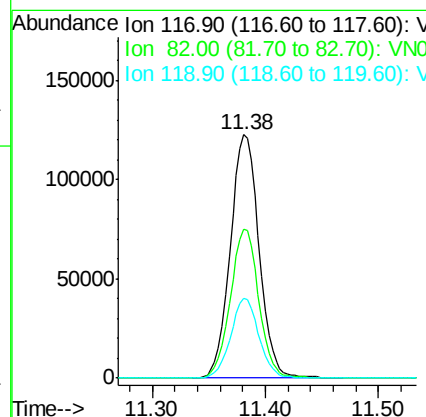
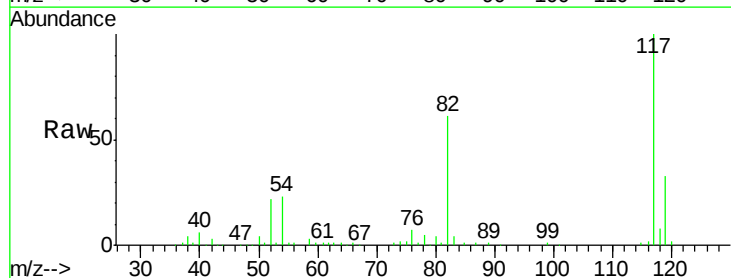
Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

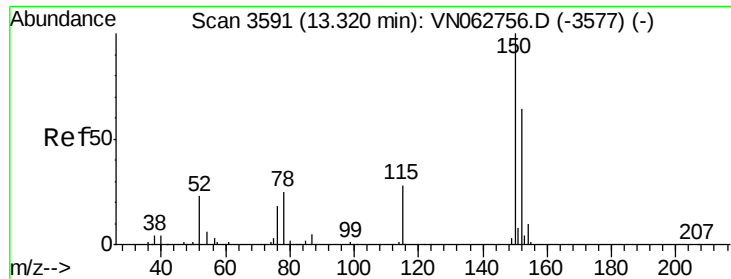
Tgt Ion: 95 Resp: 103779
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.8
176 70.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 117 Resp: 216839
Ion Ratio Lower Upper
117 100
82 61.2 49.0 73.4
119 32.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062828.D

Acq: 11 Aug 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-2

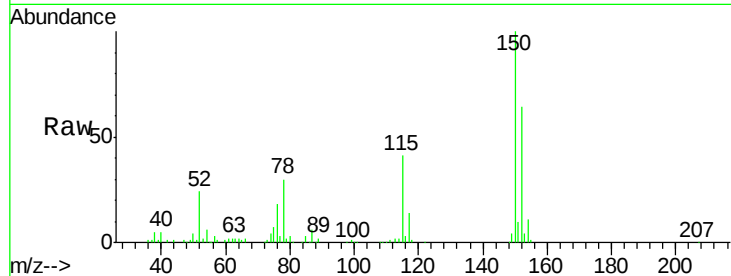
Tgt Ion:152 Resp: 81429

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

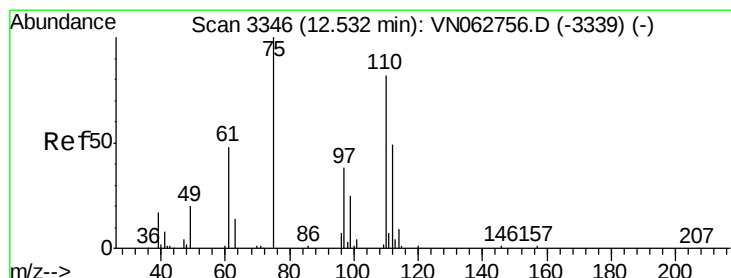
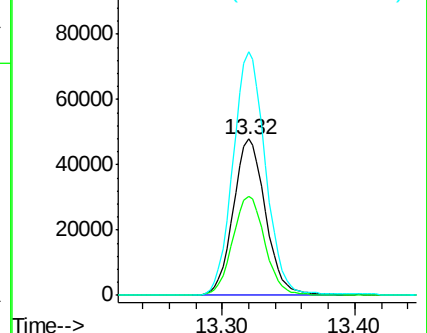
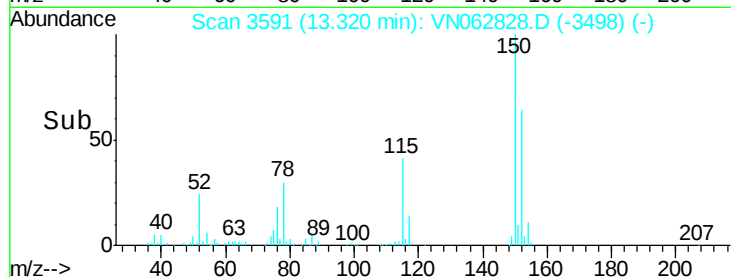
150 156.1 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 25.431 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062828.D

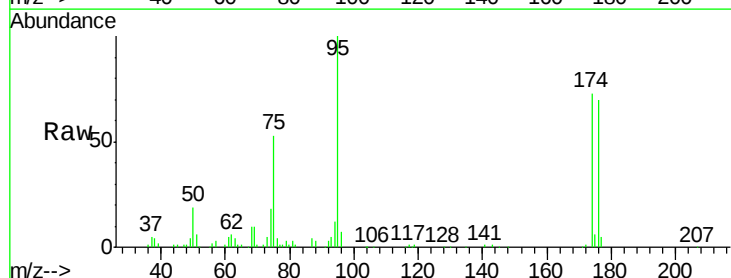
Acq: 11 Aug 2020 14:17

Tgt Ion: 75 Resp: 55847

Ion Ratio Lower Upper

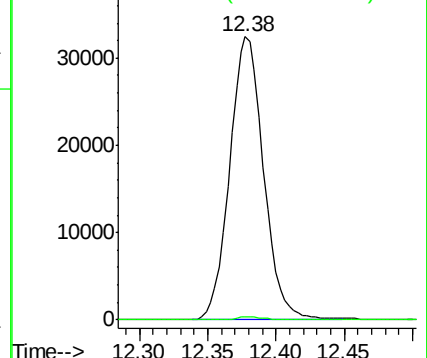
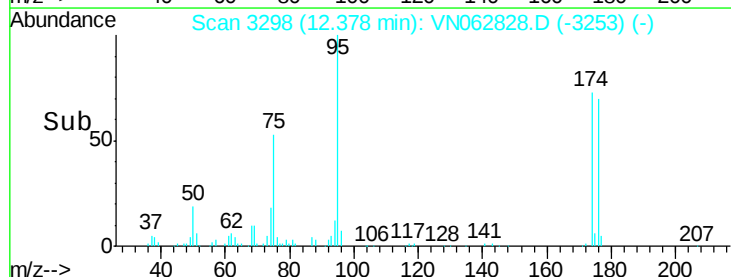
75 100

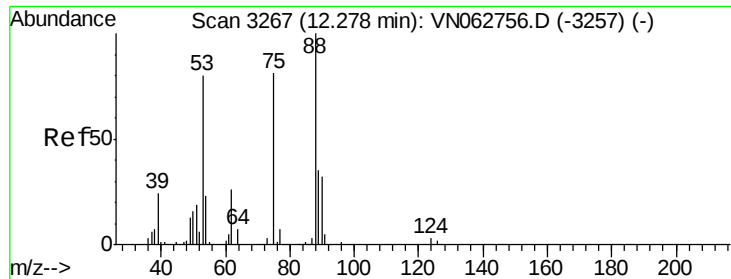
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

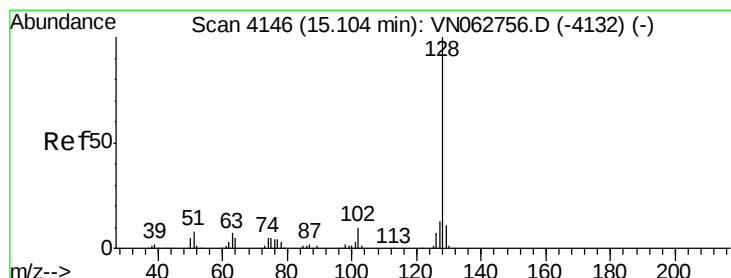
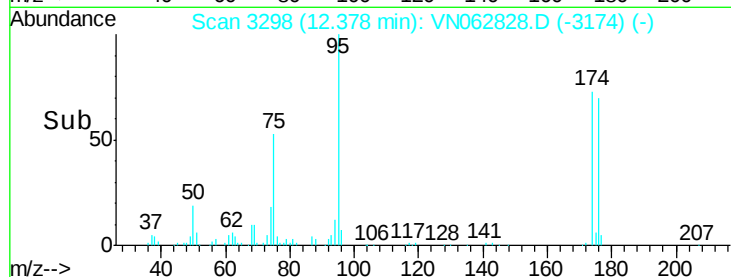
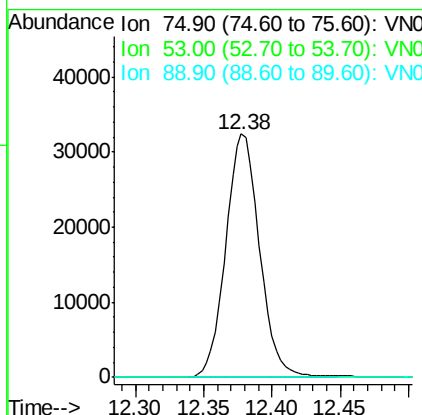
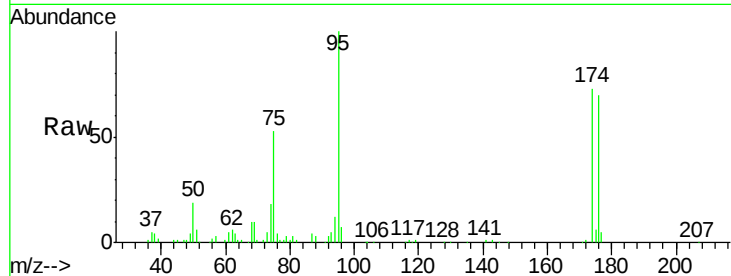




#81
trans-1,4-Dichloro-2-butene
Concen: 77.633 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
SS-TP-2

Tgt Ion: 75 Resp: 55847
Ion Ratio Lower Upper
75 100
53 0.0 79.1 118.7#
89 0.0 36.2 54.2#



#95
Naphthalene
Concen: 4.012 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062828.D
Acq: 11 Aug 2020 14:17

Tgt Ion: 128 Resp: 1227
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.8 13.2#

