

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063991.D
 Acq On : 8 Oct 2020 15:18
 Operator : JC/MD
 Sample : L4255-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-SW125-20200930

Quant Time: Oct 09 04:03:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	249320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	456292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179915	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	207097	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
35) Dibromofluoromethane	7.55	113	150168	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.06	98	569066	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	215935	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

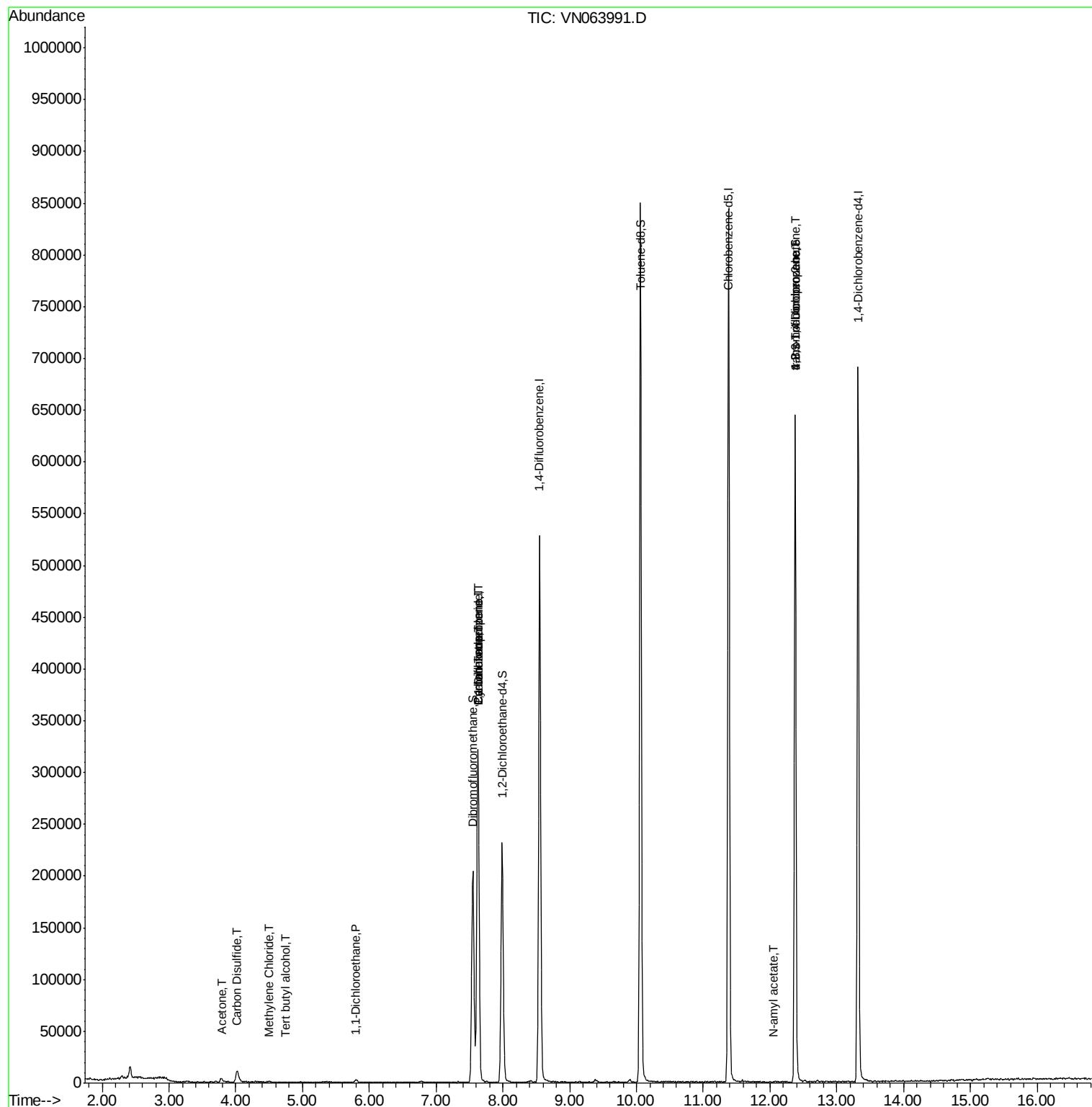
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	144	0.317	ug/l #	71
16) Acetone	3.79	43	6275	4.949	ug/l	98
17) Carbon Disulfide	4.02	76	117	0.718	ug/l #	76
20) Methylene Chloride	4.50	84	441	0.250	ug/l #	20
24) 1,1-Dichloroethane	5.80	63	4533	0.826	ug/l #	86
31) Cyclohexane	7.62	56	6792	1.420	ug/l #	48
36) 1,1-Dichloropropene	7.63	75	20884	4.651	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25569	5.078	ug/l #	15
74) N-amyl acetate	12.05	43	172	2.243	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	117904	29.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	117904	85.622	ug/l #	6

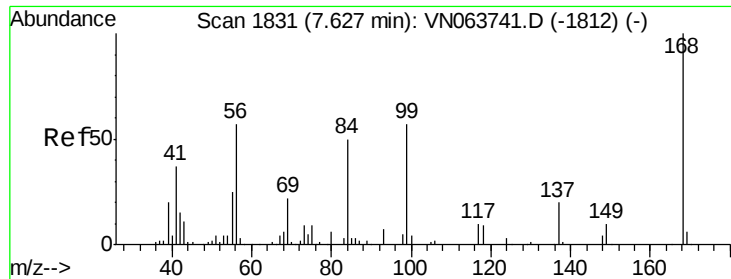
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

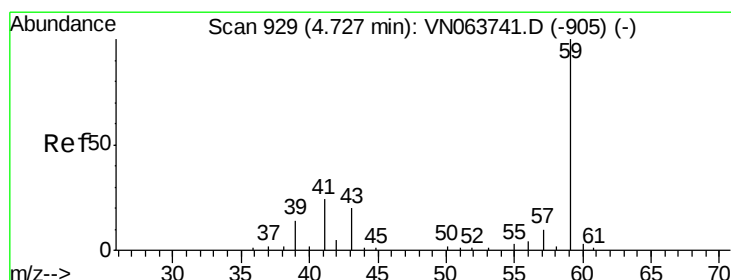
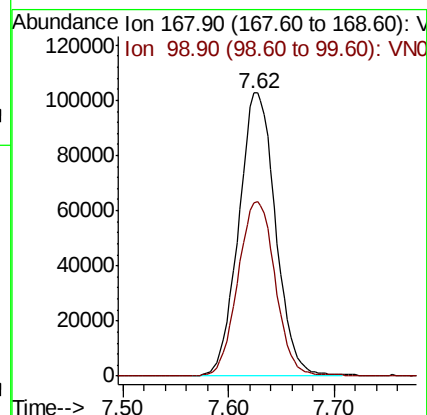
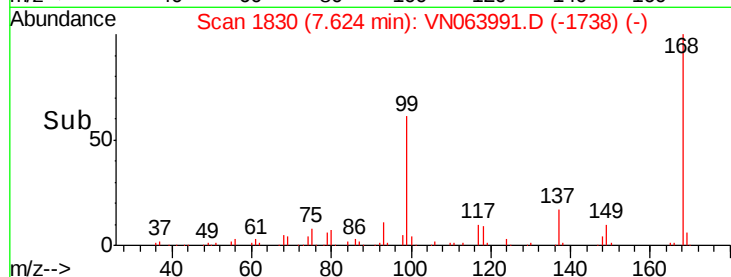
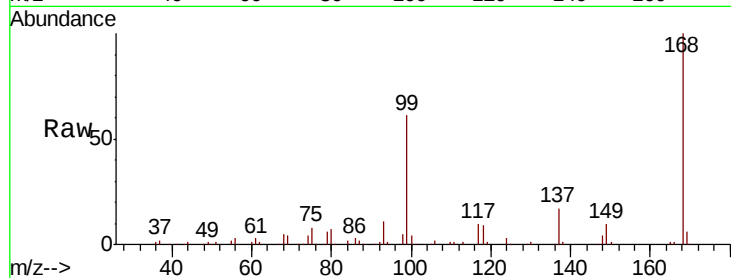
SA-SW125-20200930

Tot Ion:168 Resp: 249320

Ion Ratio Lower Upper

168 100

99 61.3 51.8 77.6



#11

Tert butyl alcohol

Concen: 0.317 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.01 min

Lab File: VN063991.D

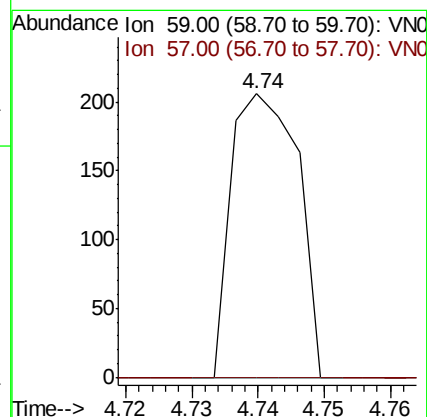
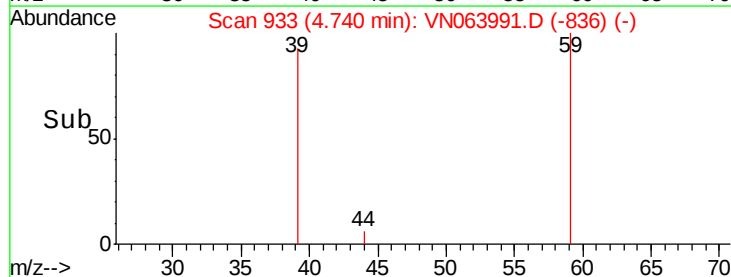
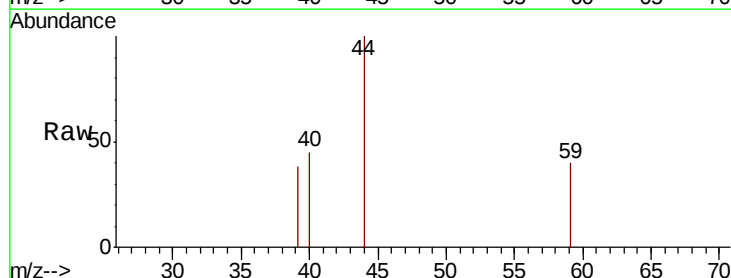
Acq: 8 Oct 2020 15:18

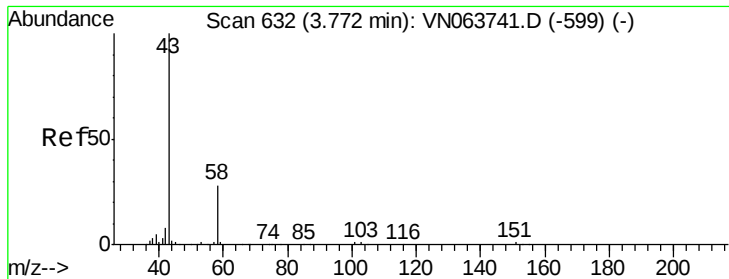
Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#16

Acetone

Concen: 4.949 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

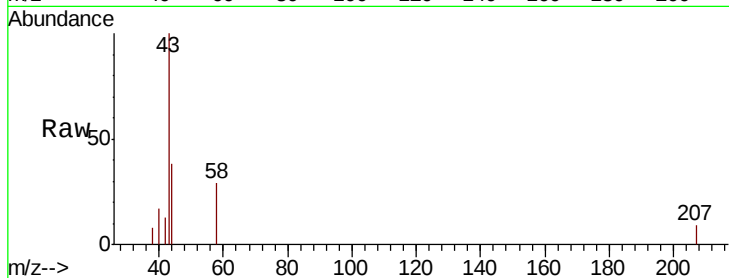
SA-SW125-20200930

Tot Ion: 43 Resp: 6275

Ion Ratio Lower Upper

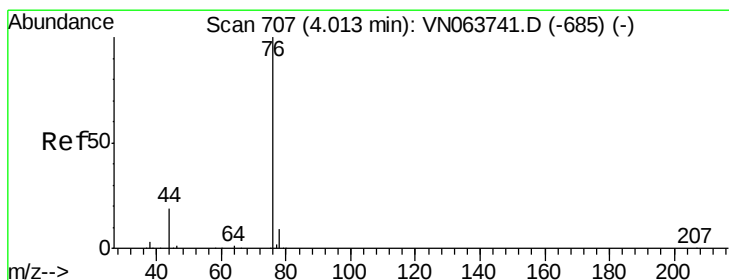
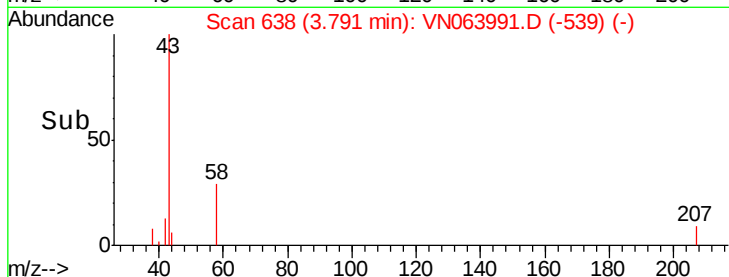
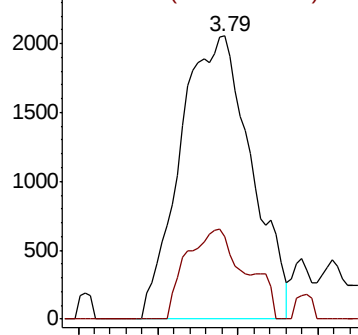
43 100

58 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.718 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063991.D

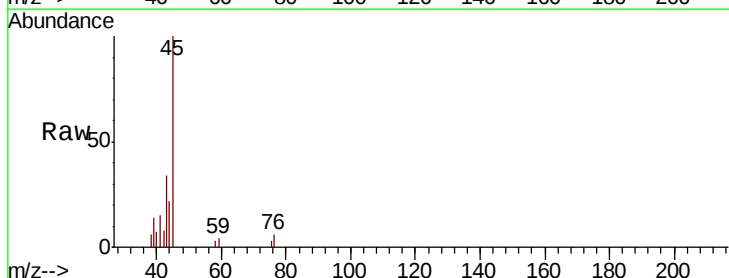
Acq: 8 Oct 2020 15:18

Tgt Ion: 76 Resp: 117

Ion Ratio Lower Upper

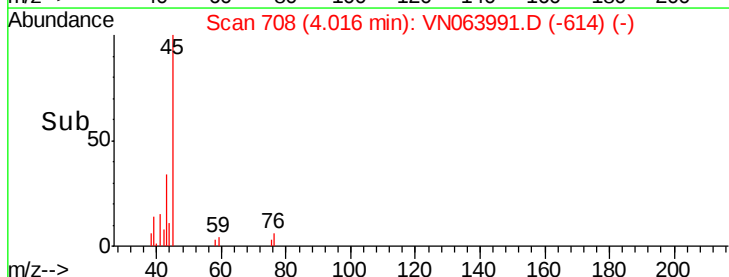
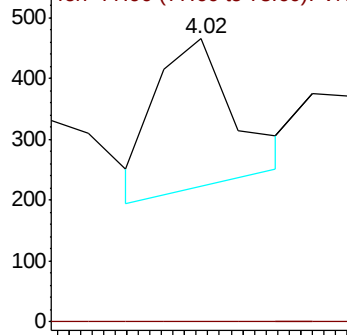
76 100

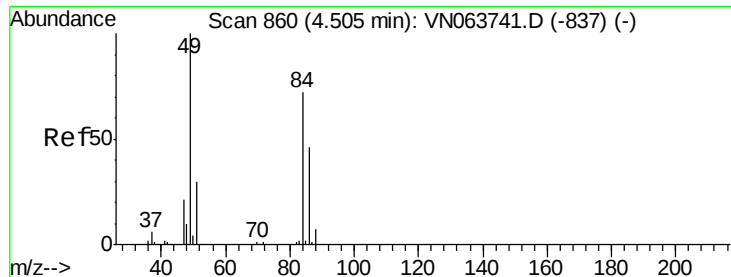
78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

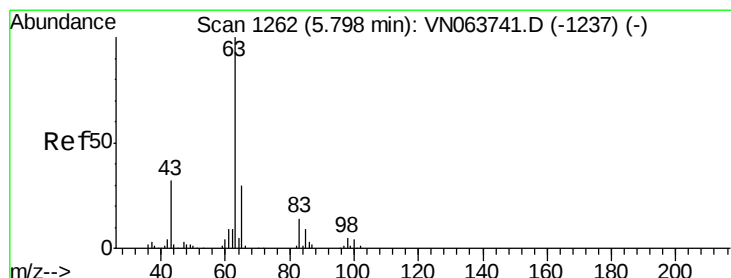
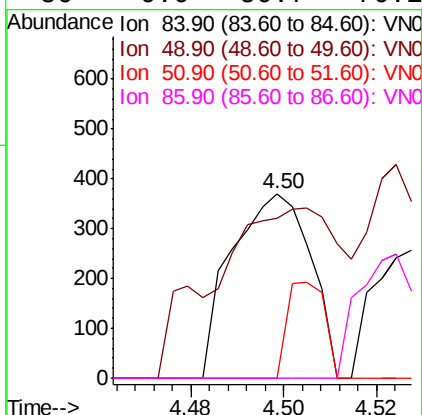
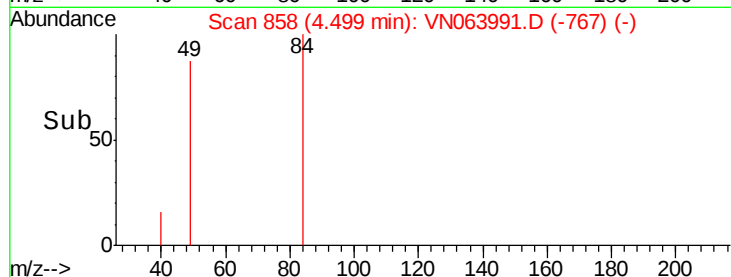
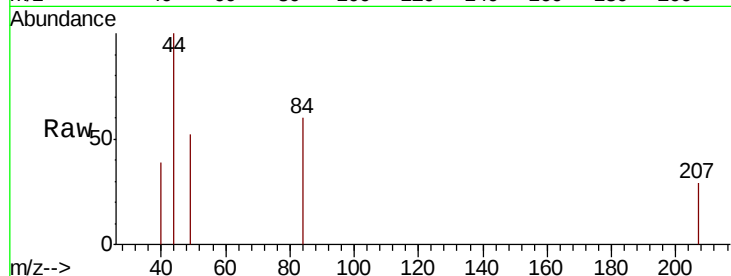




#20
Methvlene Chloride
Concen: 0.250 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

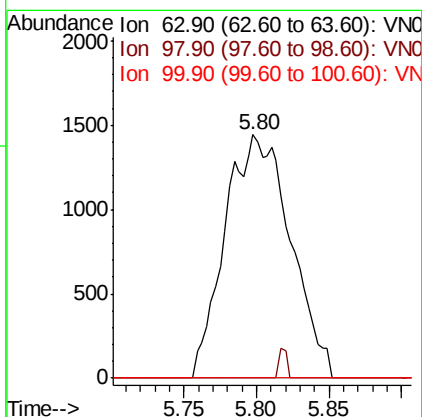
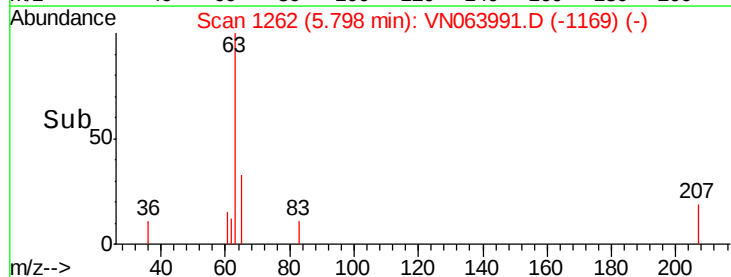
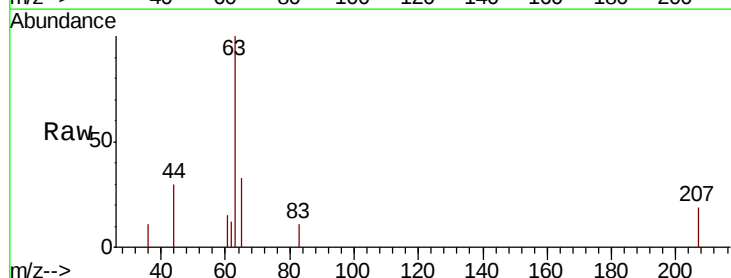
Instrument :
MSVOA_N
ClientSampleId :
SA-SW125-20200930

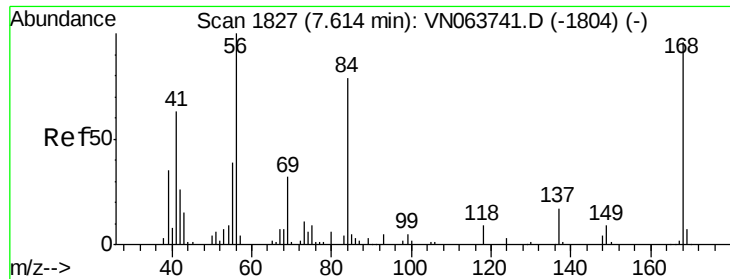
Tot Ion: 84 Resp: 441
Ion Ratio Lower Upper
84 100
49 36.7 110.4 165.6#
51 0.0 33.3 49.9#
86 0.0 50.7 76.1#



#24
1,1-Dichloroethane
Concen: 0.826 ug/l
RT: 5.80 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

Tgt Ion: 63 Resp: 4533
Ion Ratio Lower Upper
63 100
98 0.0 2.7 8.1#
100 0.0 1.9 5.7#

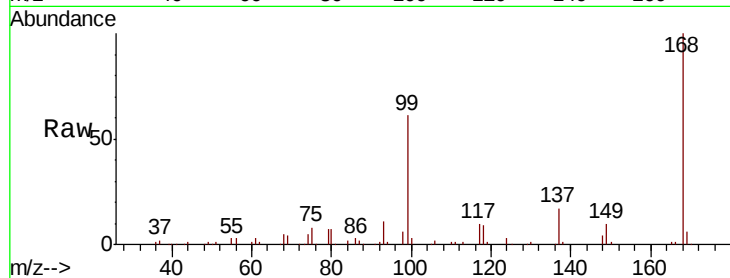




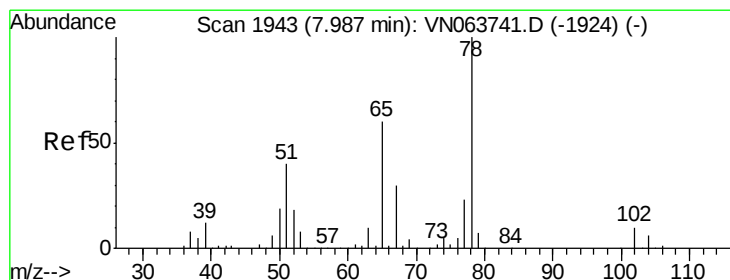
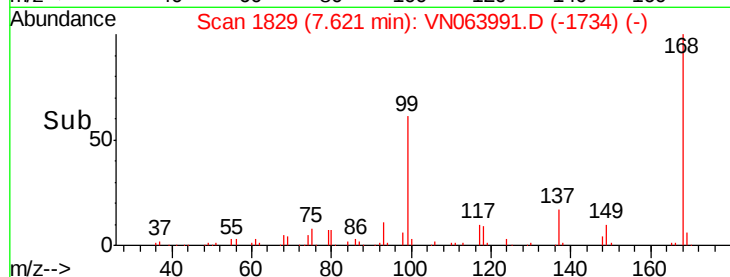
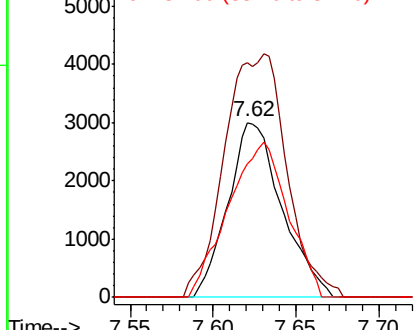
#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
SA-SW125-20200930

Tot Ion: 56 Resp: 6792
Ion Ratio Lower Upper
56 100
69 128.1 25.4 38.2#
84 76.2 63.3 94.9

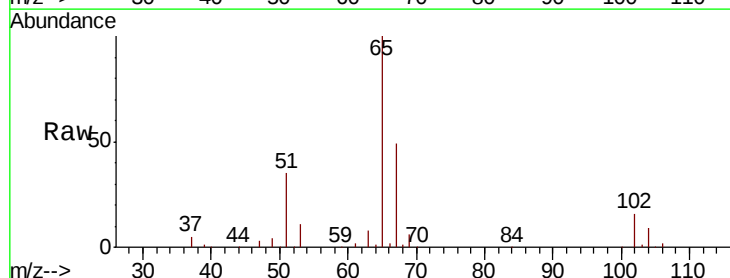


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

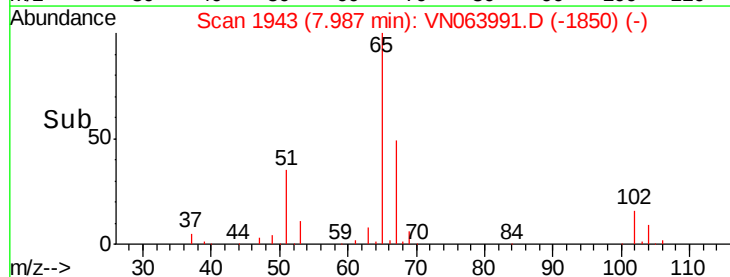
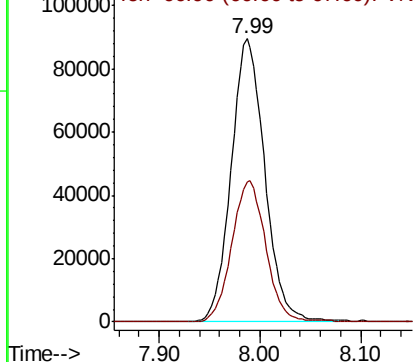


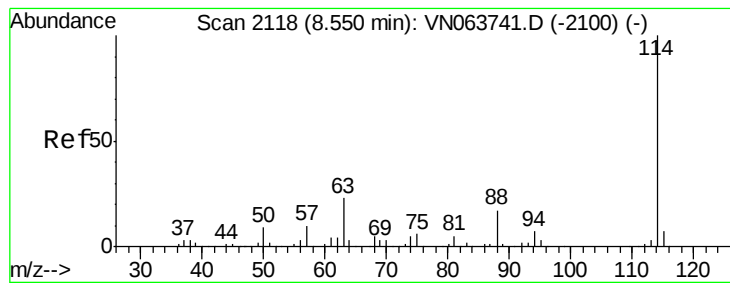
#33
1,2-Dichloroethane-d4
Concen: 50.279 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

Tgt Ion: 65 Resp: 207097
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

SA-SW125-20200930

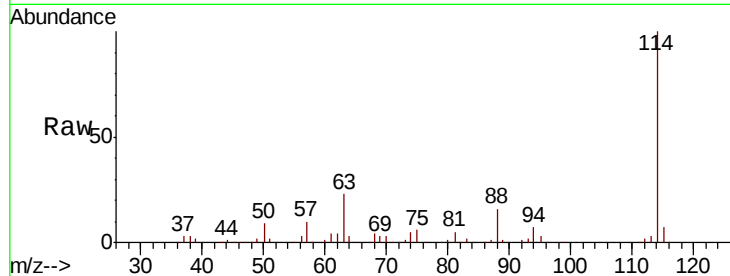
Tot Ion:114 Resp: 443196

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

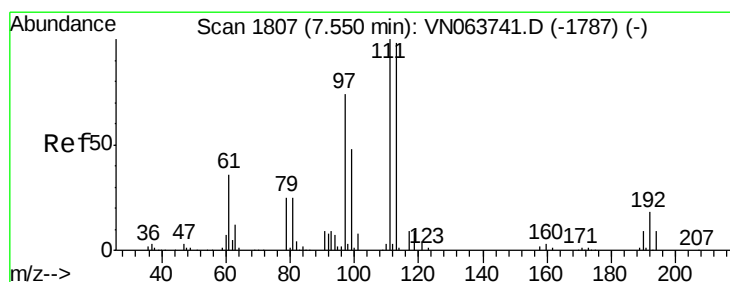
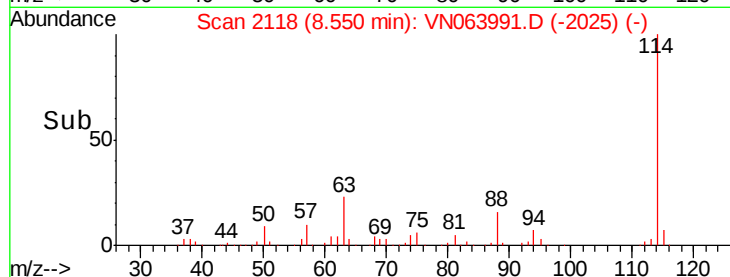
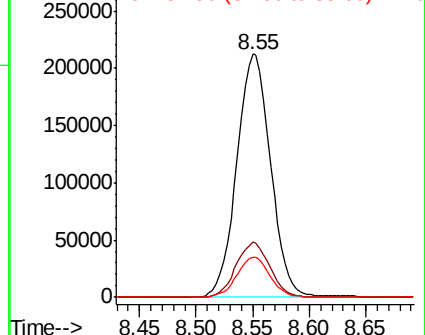
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.831 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

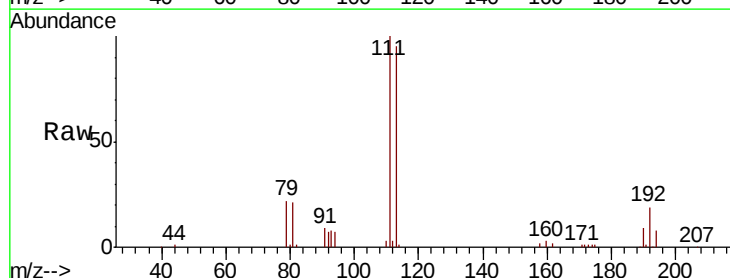
Tgt Ion:113 Resp: 150168

Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.8

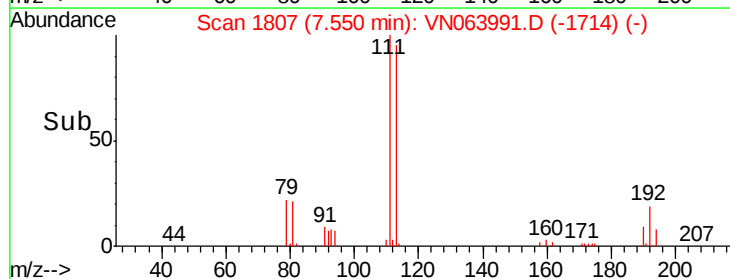
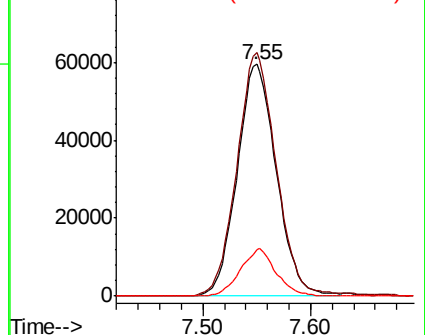
192 18.6 14.2 21.2

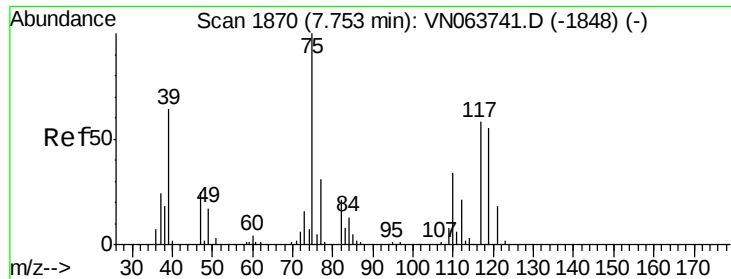


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

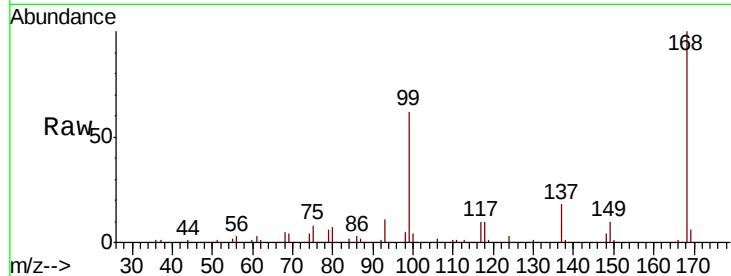




#36
 1,1-Dichloropropene
 Concen: 4.651 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063991.D
 Acq: 8 Oct 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-SW125-20200930

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.9	50.6#
77	0.0	24.5	36.7#

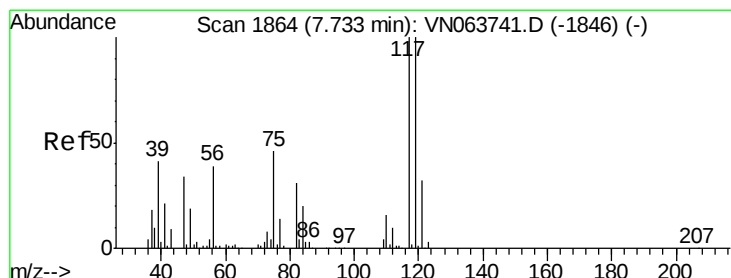
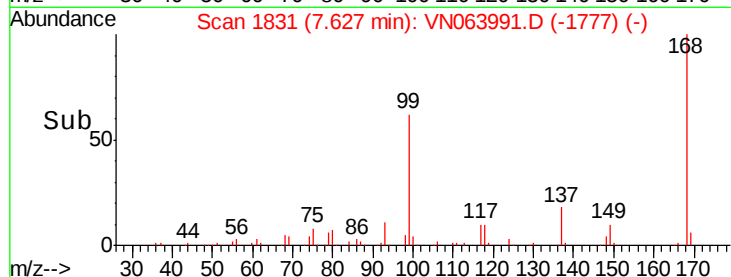
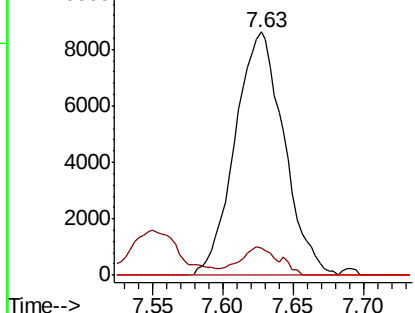


Abundance

Ion 74.90 (74.60 to 75.60): VN063991.D (-1777) (-)

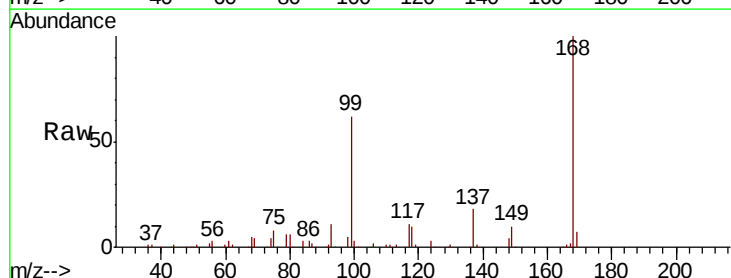
Ion 109.90 (109.60 to 110.60): VN063991.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063991.D (-1777) (-)



#38
 Carbon Tetrachloride
 Concen: 5.078 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.10 min
 Lab File: VN063991.D
 Acq: 8 Oct 2020 15:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	80.1	120.1#
121	0.0	25.7	38.5#

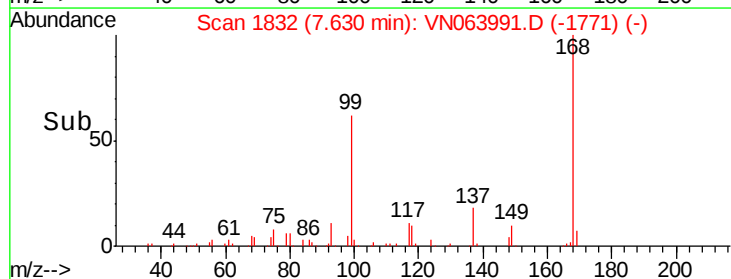
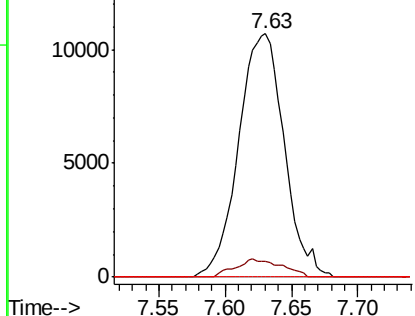


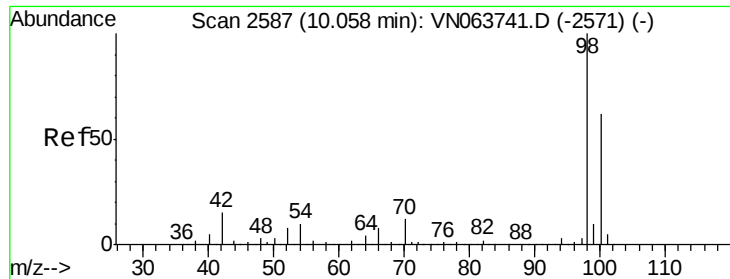
Abundance

Ion 116.80 (116.50 to 117.50): VN063991.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063991.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063991.D (-1771) (-)





#50

Toluene-d8

Concen: 48.814 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

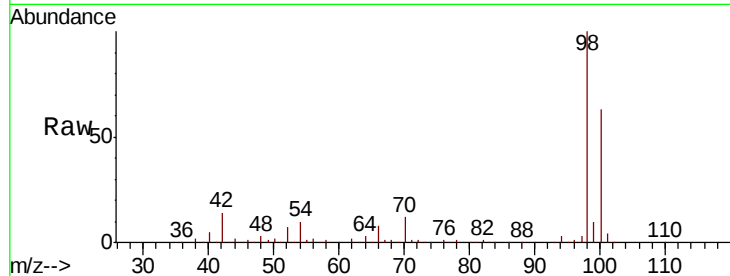
SA-SW125-20200930

Tot Ion: 98 Resp: 569066

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

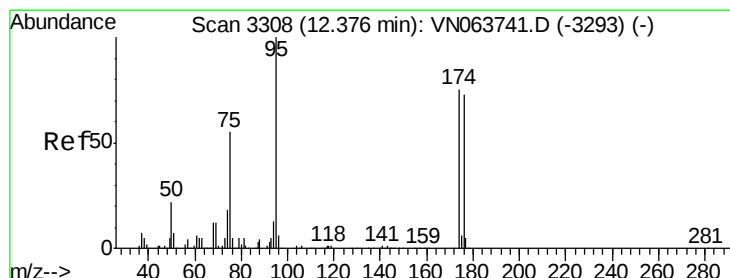
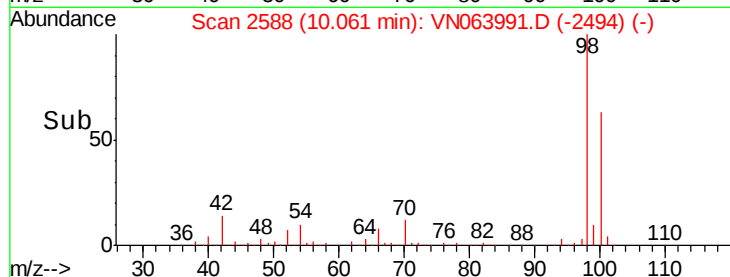
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.274 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

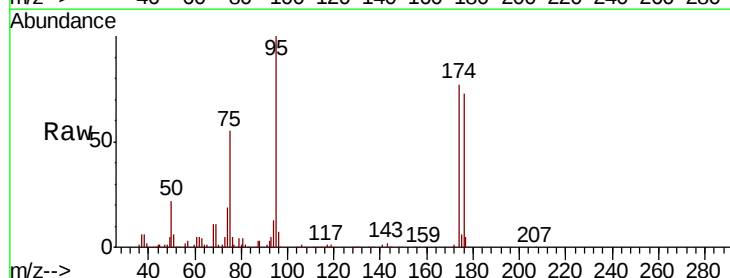
Tgt Ion: 95 Resp: 215935

Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.6

176 74.4 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

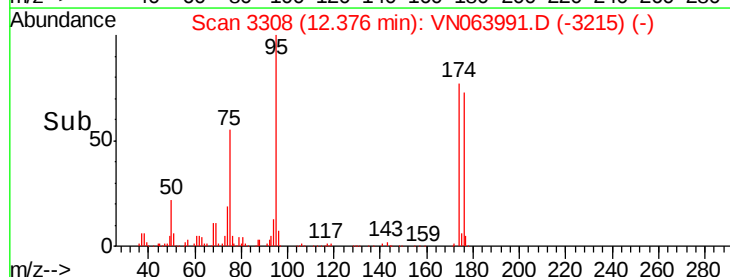
150000

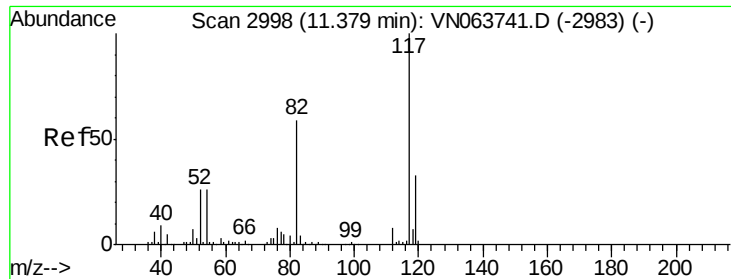
100000

50000

0

Time-->

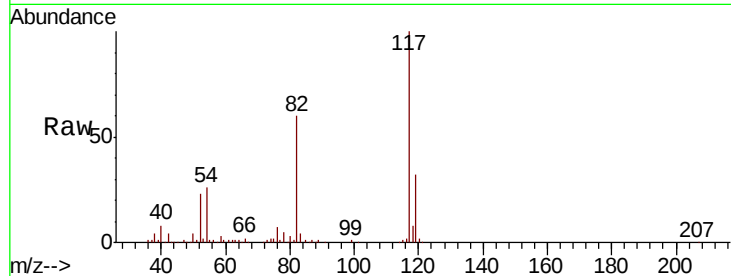




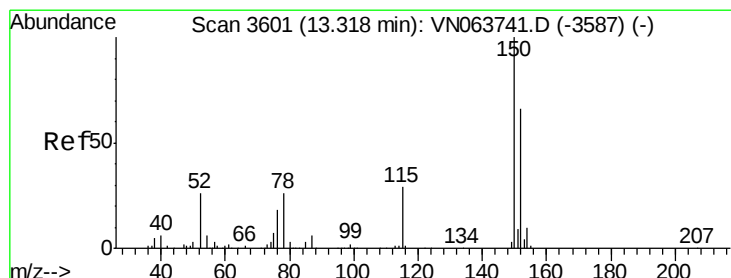
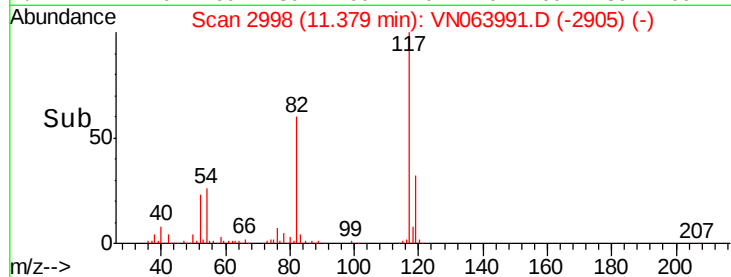
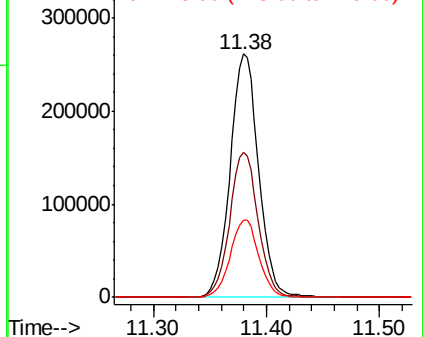
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
SA-SW125-20200930

Tot Ion:117 Resp: 456292
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.7 26.4 39.6

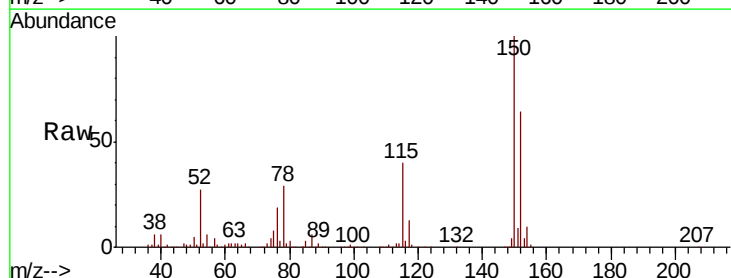


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

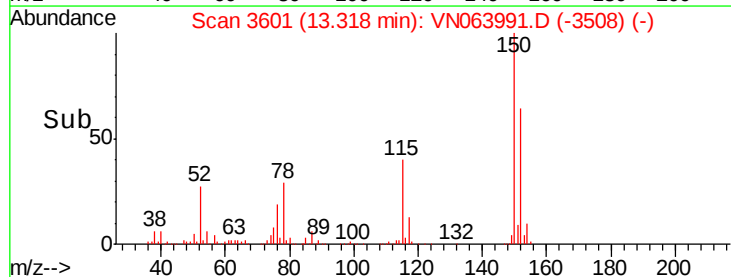
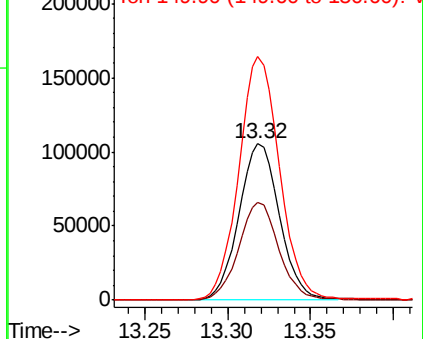


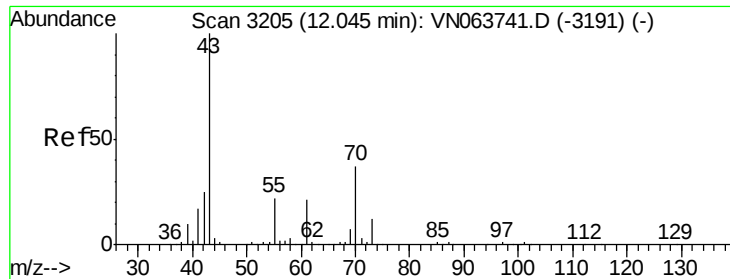
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063991.D
Acq: 8 Oct 2020 15:18

Tgt Ion:152 Resp: 179915
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.2 0.0 341.8



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





#74

N-amvl acetate

Concen: 2.243 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

SA-SW125-20200930

Tot Ion: 43 Resp: 172

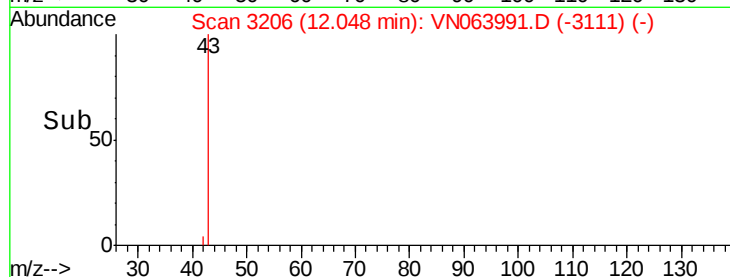
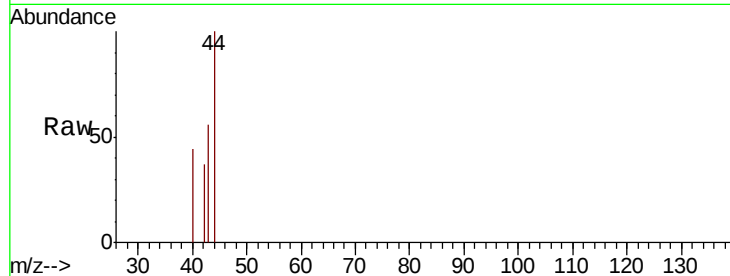
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

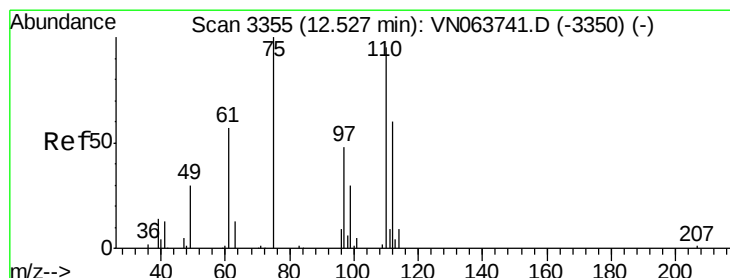
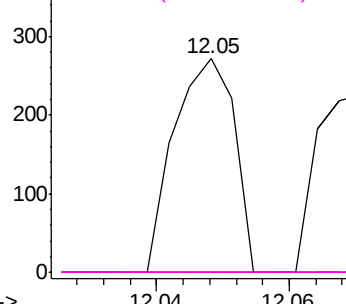


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 29.728 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063991.D

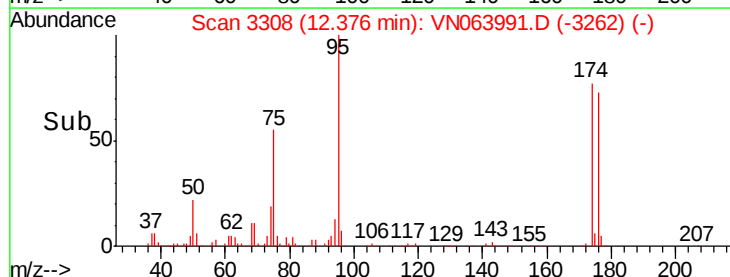
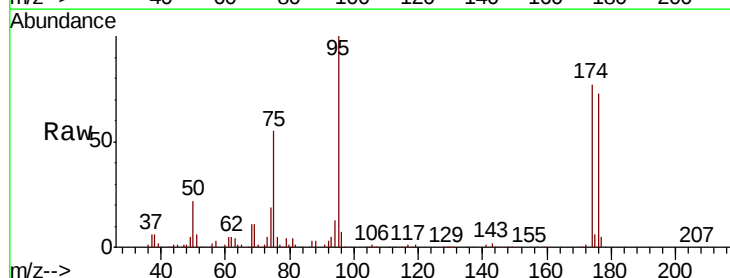
Acq: 8 Oct 2020 15:18

Tgt Ion: 75 Resp: 117904

Ion Ratio Lower Upper

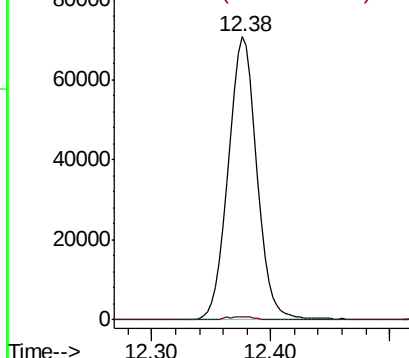
75 100

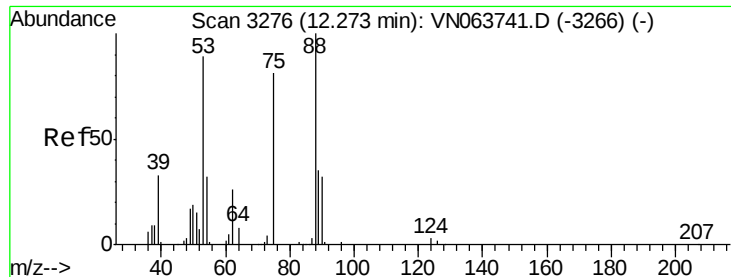
77 1.1 0.0 0.0#



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: 85.622 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063991.D

Acq: 8 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

SA-SW125-20200930

Tot Ion: 75 Resp: 117904

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.0 36.0 54.0#

