

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066189.D
 Acq On : 11 Aug 2020 16:27
 Operator : VA/SY
 Sample : L3623-02RE
 Misc : 4.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Aug 11 21:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	247844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	425115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	501092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	112865	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.91	113	132641	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.34	98	526586	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.63	95	245714	68.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.18%	

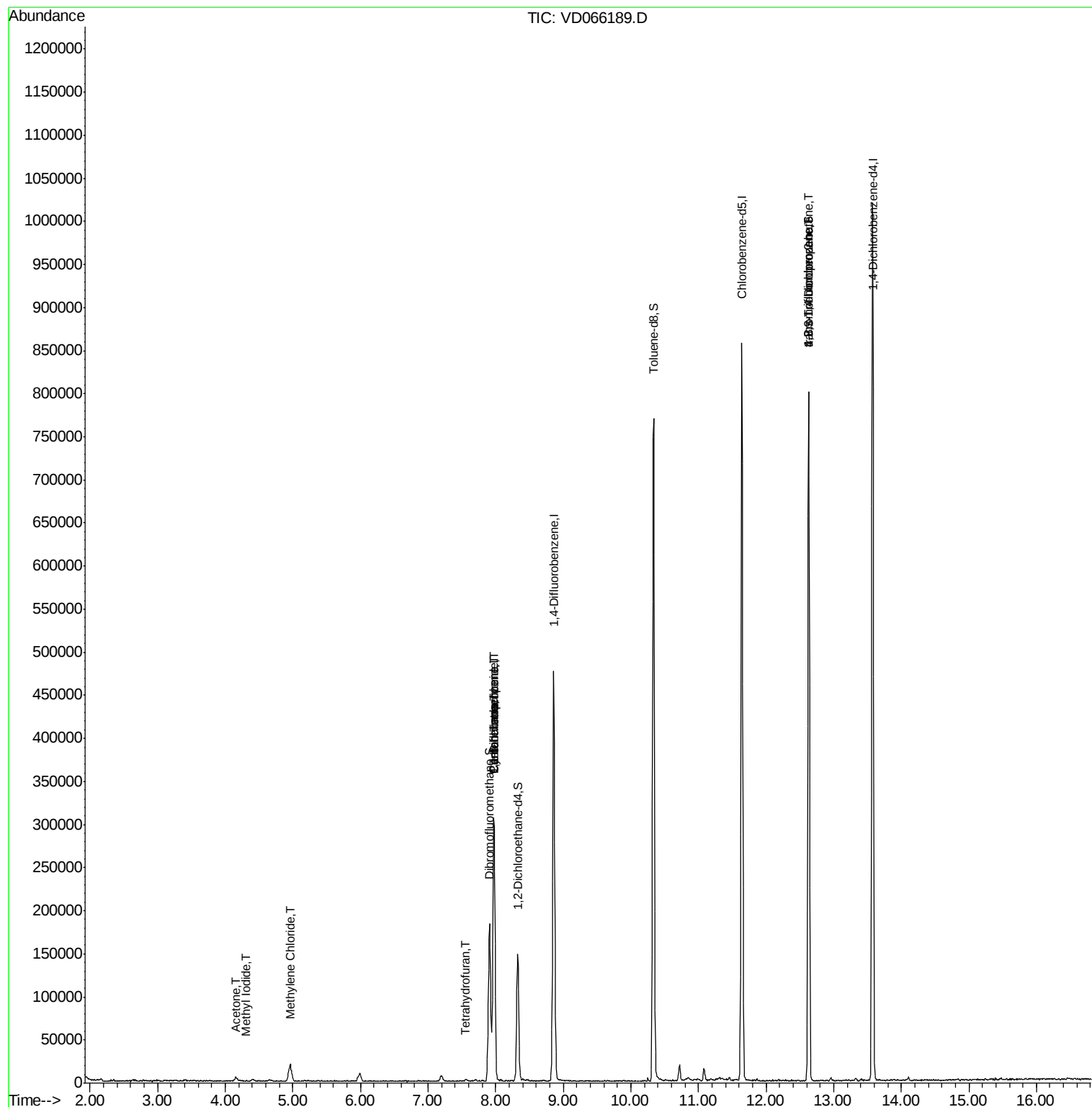
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	120	6.760	ug/l #	39
11) Tert butyl alcohol	5.21	59	55	Below Cal	#	76
16) Acetone	4.16	43	7623	18.170	ug/l	95
20) Methylene Chloride	4.97	84	14910	1.680	ug/l #	84
29) Tetrahydrofuran	7.56	42	1138	2.977	ug/l #	59
31) Cyclohexane	7.97	56	4822	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	16511	4.133	ug/l #	50
38) Carbon Tetrachloride	7.98	117	21774	4.888	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	119923	50.082	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	119923	110.709	ug/l #	13

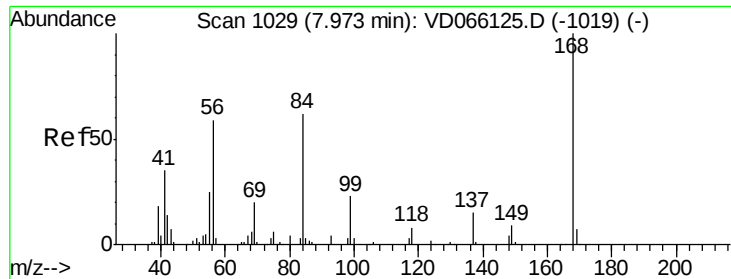
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066189.D
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MSVOA_D
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SB-2

Quant Time: Aug 11 21:00:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

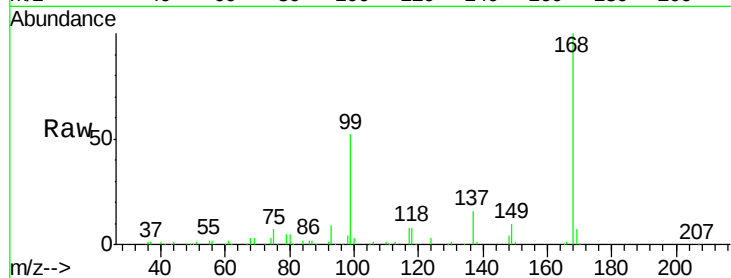
SB-2

Tgt Ion:168 Resp: 247844

Ion Ratio Lower Upper

168 100

99 52.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

120000

100000

80000

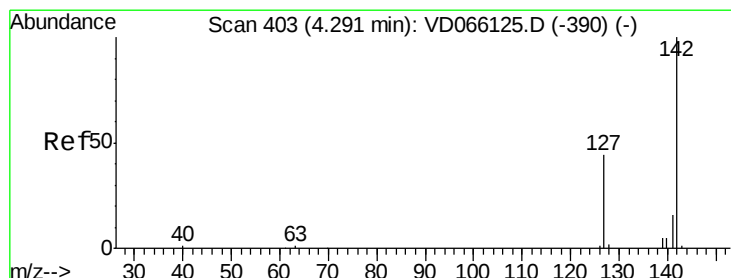
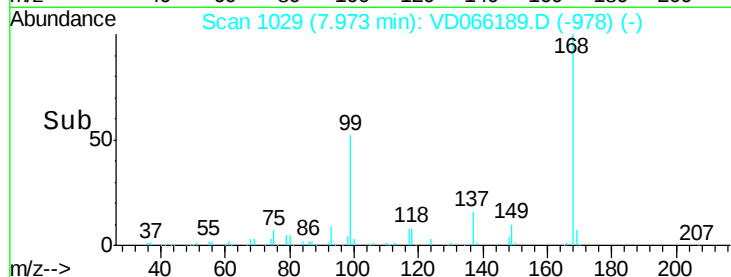
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#10

Methyl Iodide

Concen: 6.760 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

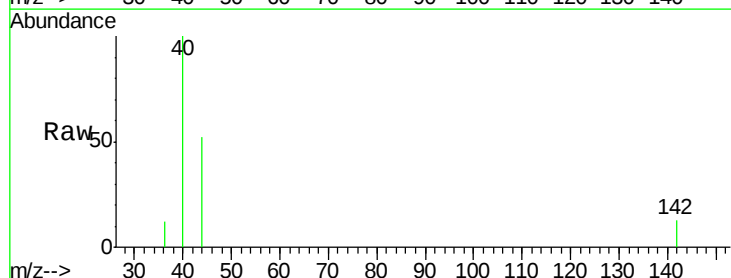
Tgt Ion:142 Resp: 120

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

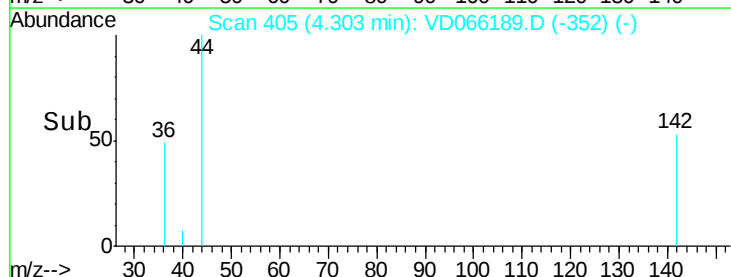
150

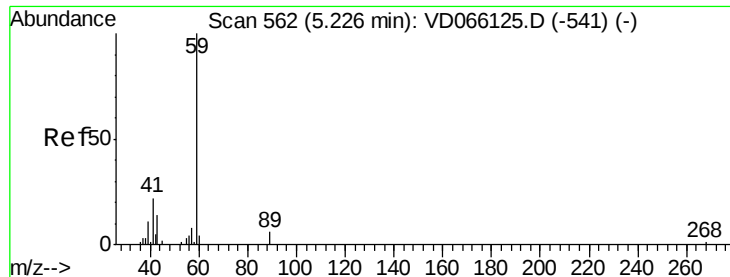
100

50

0

Time--> 4.28 4.30 4.32



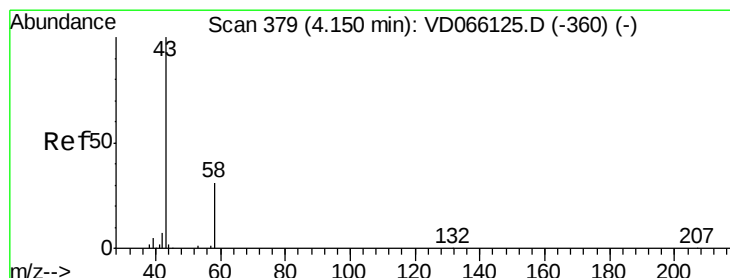
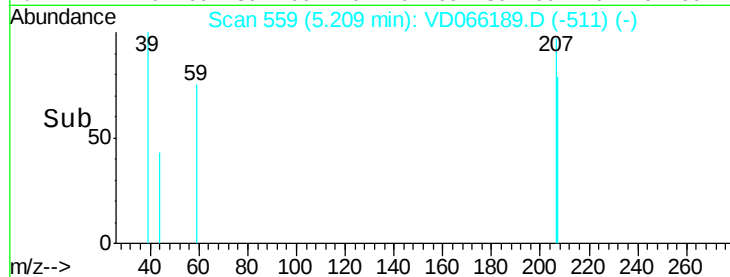
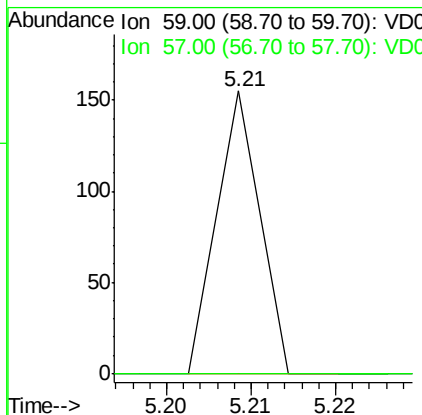
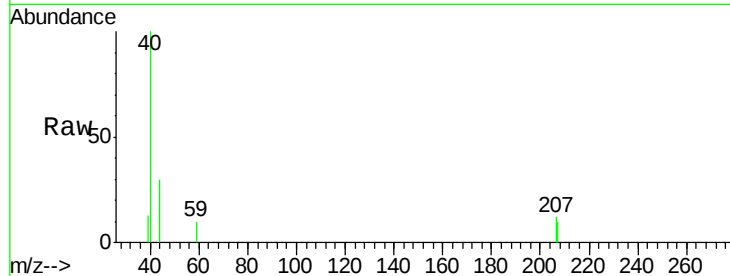


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

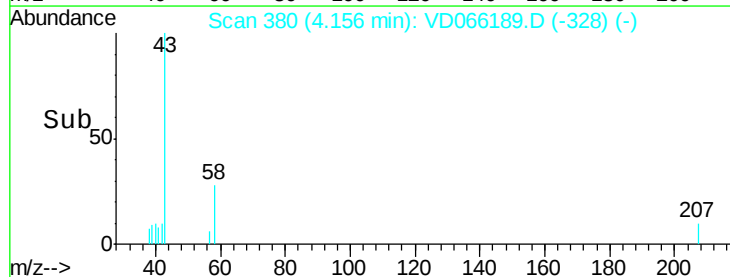
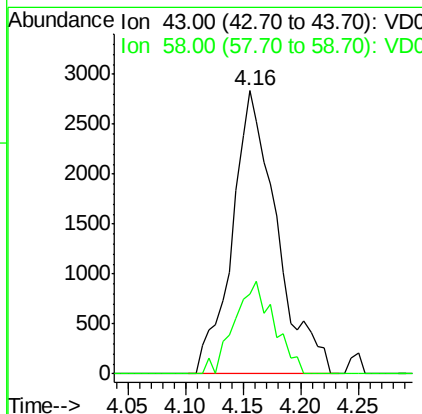
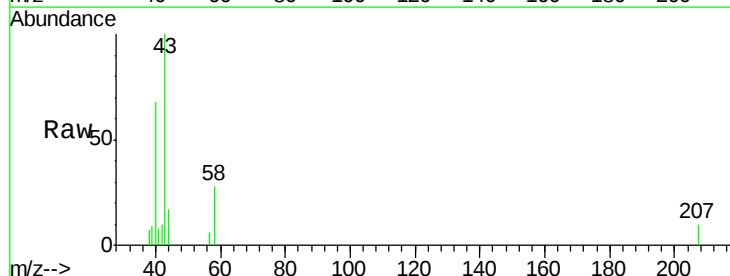
Tgt Ion: 59 Resp: 55
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

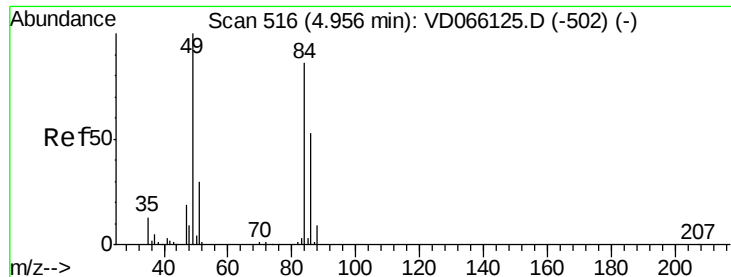


#16

Acetone
 Concen: 18.170 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

Tgt Ion: 43 Resp: 7623
 Ion Ratio Lower Upper
 43 100
 58 28.4 24.7 37.1

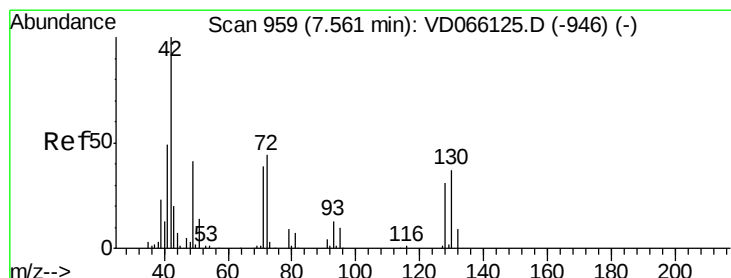
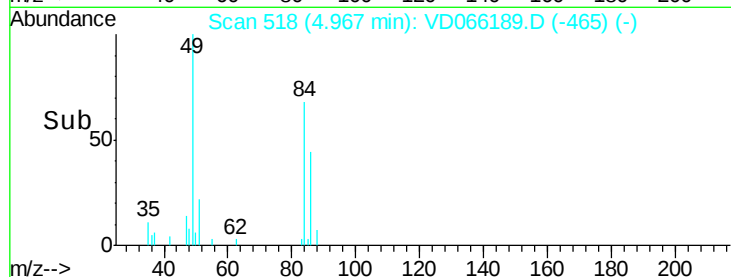
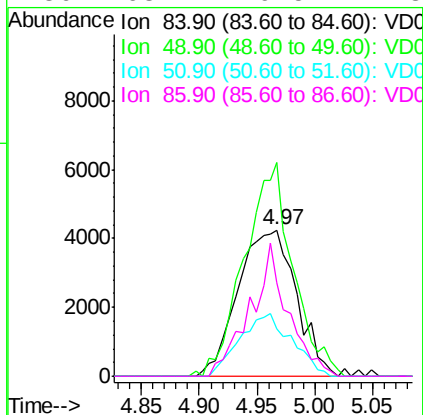
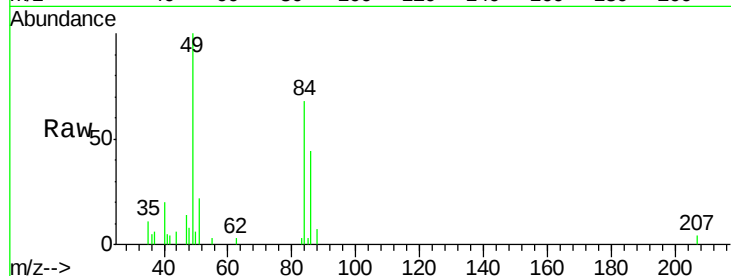




#20
Methylene Chloride
Concen: 1.680 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

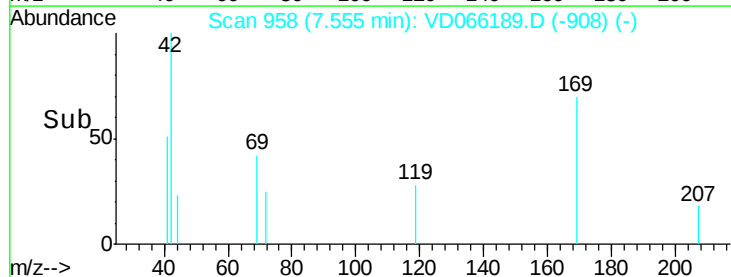
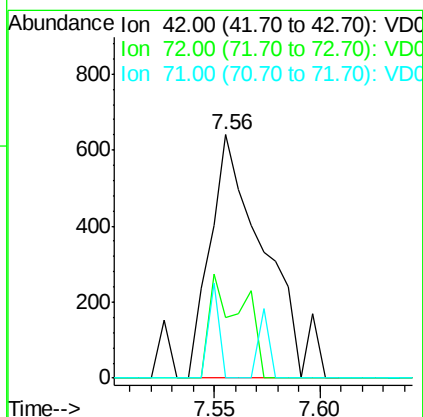
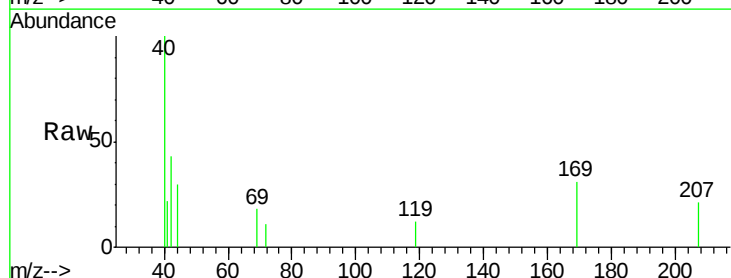
Instrument :
MSVOA_D
ClientSampleId :
SB-2

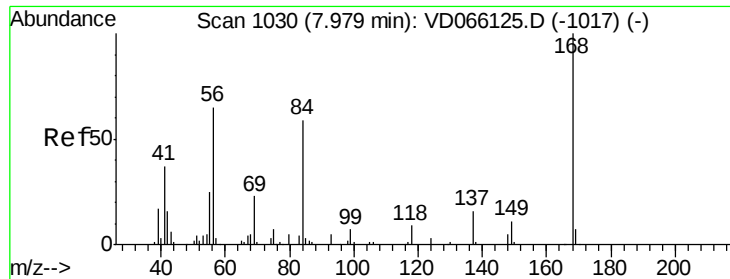
Tgt Ion: 84 Resp: 14910
Ion Ratio Lower Upper
84 100
49 146.3 93.5 140.3#
51 32.2 28.2 42.4
86 63.7 49.5 74.3



#29
Tetrahydrofuran
Concen: 2.977 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

Tgt Ion: 42 Resp: 1138
Ion Ratio Lower Upper
42 100
72 25.8 34.8 52.2#
71 7.7 33.5 50.3#

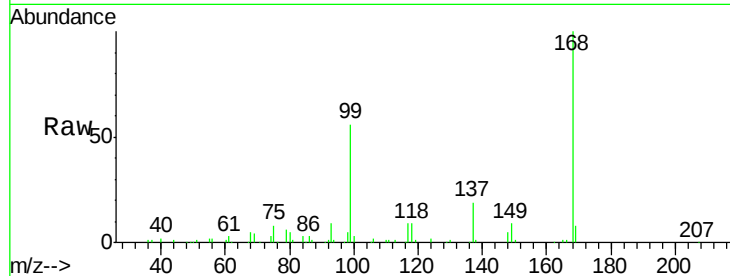




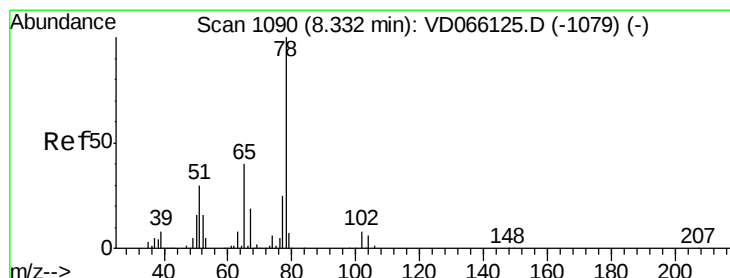
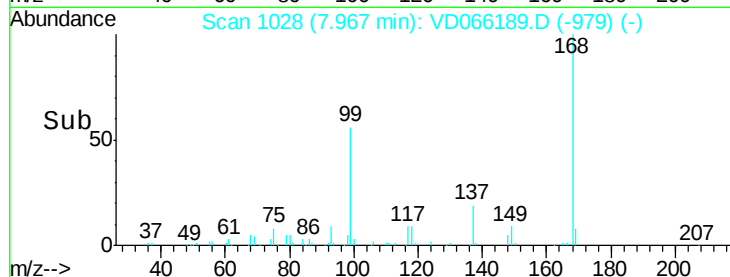
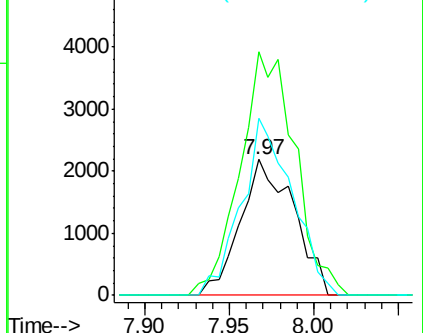
#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

Instrument :
MSVOA_D
ClientSampled :
SB-2

Tgt Ion: 56 Resp: 4822
Ion Ratio Lower Upper
56 100
69 179.7 28.8 43.2#
84 130.6 73.0 109.6#

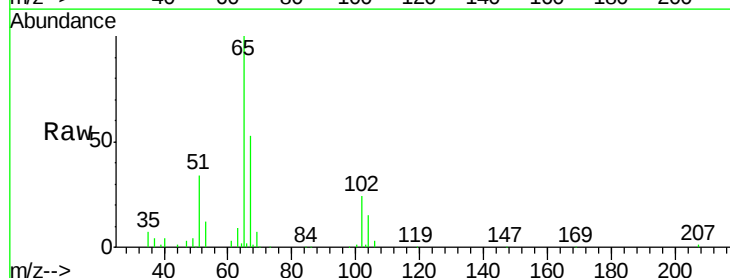


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

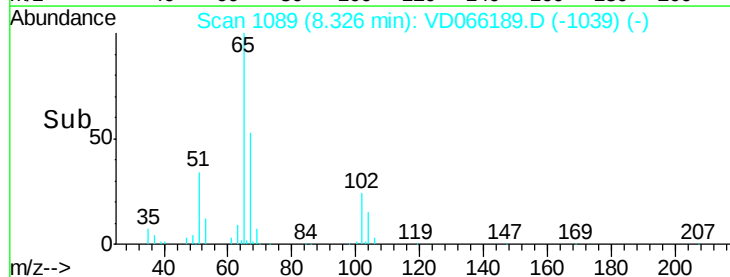
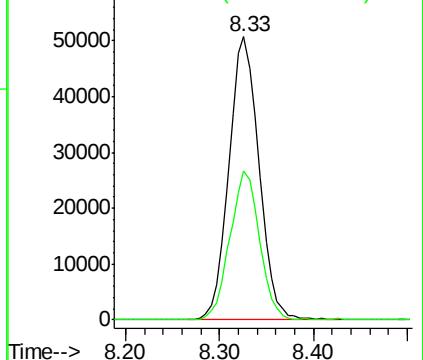


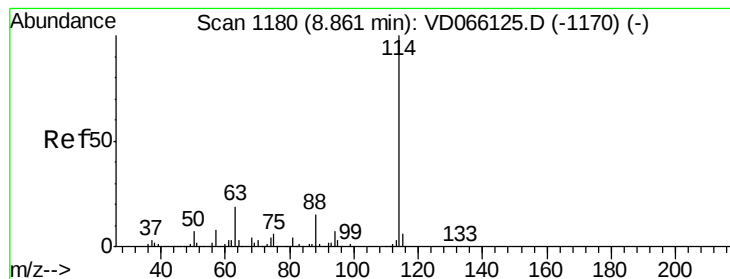
#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

Tgt Ion: 65 Resp: 112865
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

Instrument :

MSVOA_D

ClientSampled :

SB-2

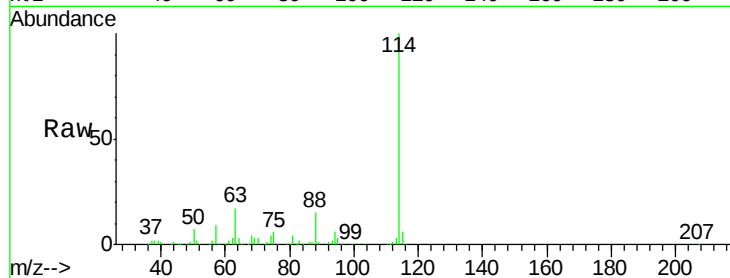
Tgt Ion:114 Resp: 425115

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.6

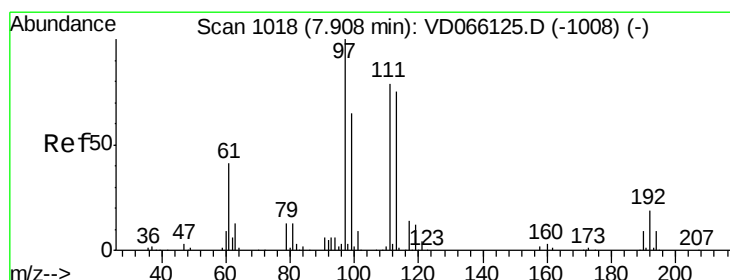
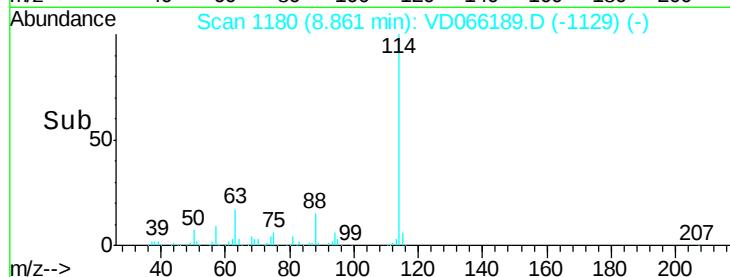
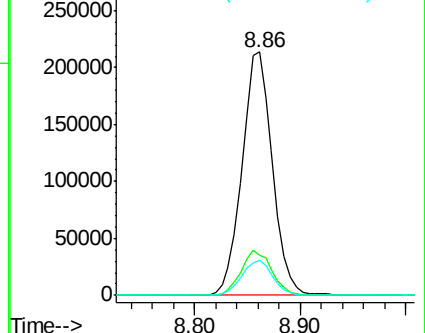
88 14.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.253 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

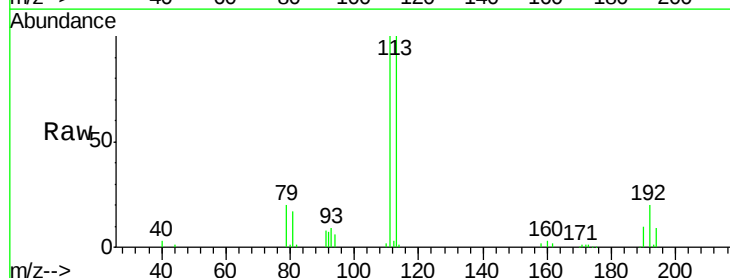
Tgt Ion:113 Resp: 132641

Ion Ratio Lower Upper

113 100

111 100.7 80.7 121.1

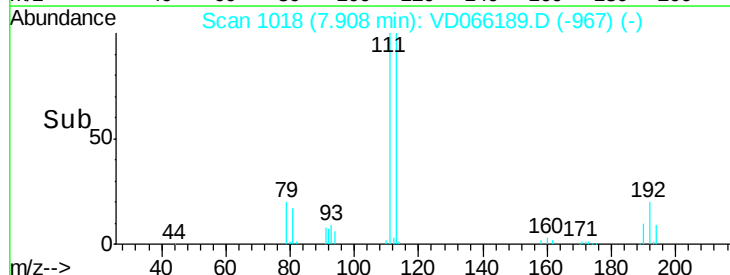
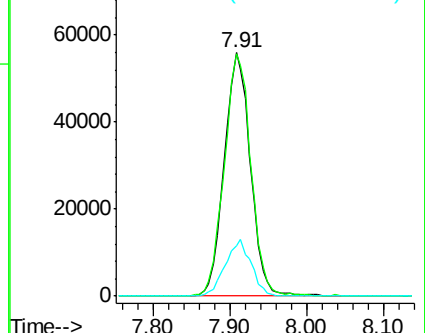
192 22.7 18.4 27.6

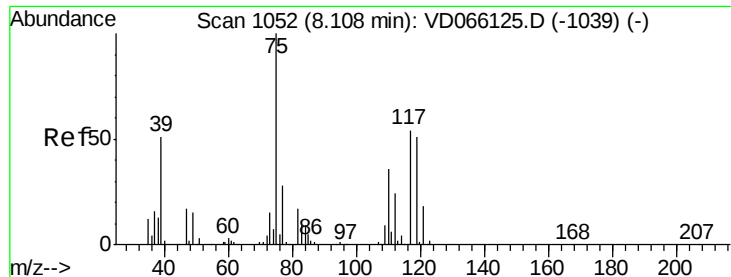


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

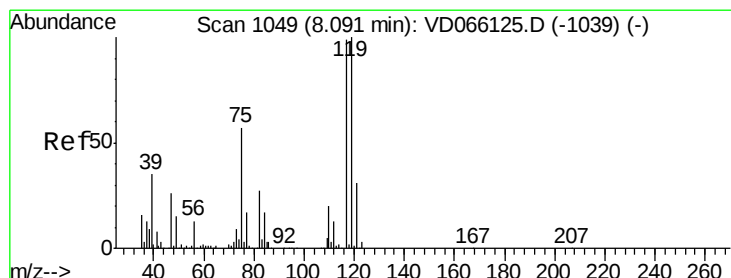
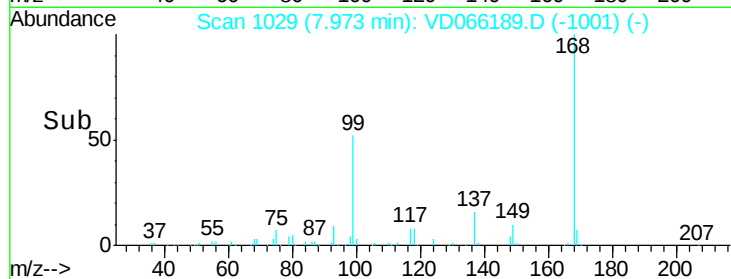
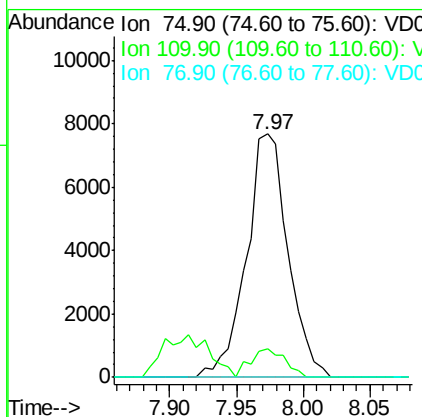
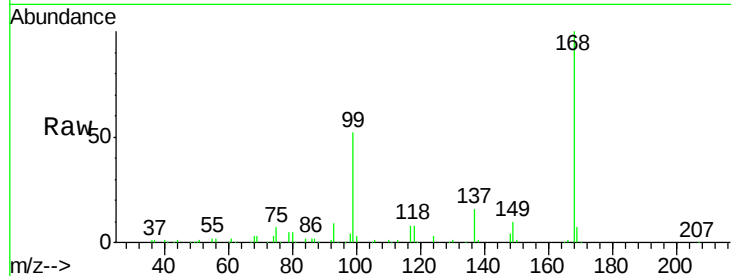




#36
 1,1-Dichloropropene
 Concen: 4.133 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

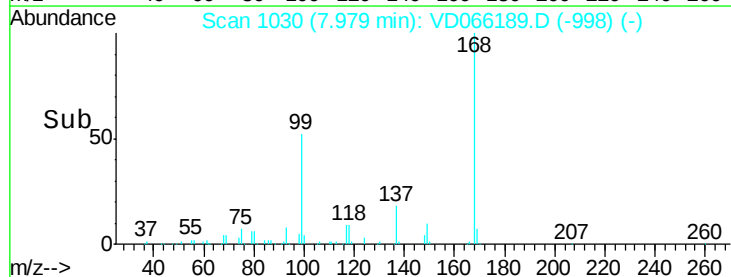
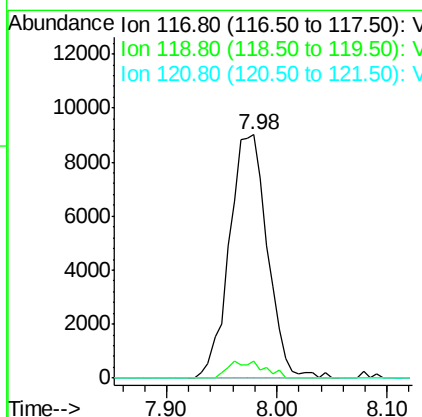
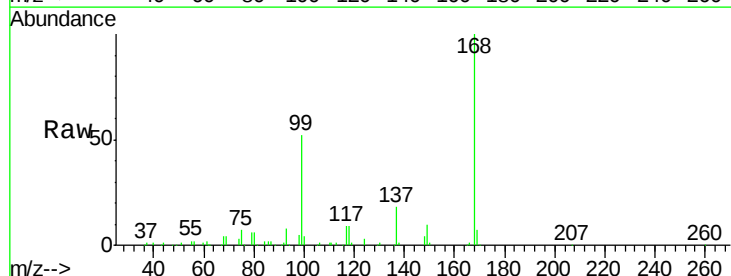
Instrument :
 MSVOA_D
 ClientSampleID :
 SB-2

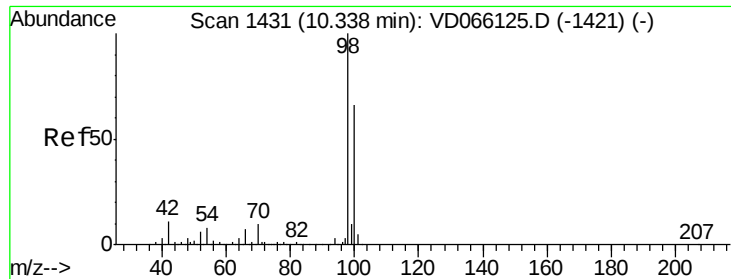
Tgt Ion: 75 Resp: 16511
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.8 56.3#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 4.888 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

Tgt Ion: 117 Resp: 21774
 Ion Ratio Lower Upper
 117 100
 119 7.1 81.0 121.4#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.987 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

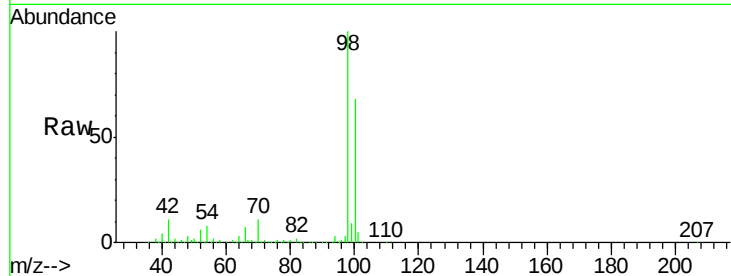
SB-2

Tgt Ion: 98 Resp: 526586

Ion Ratio Lower Upper

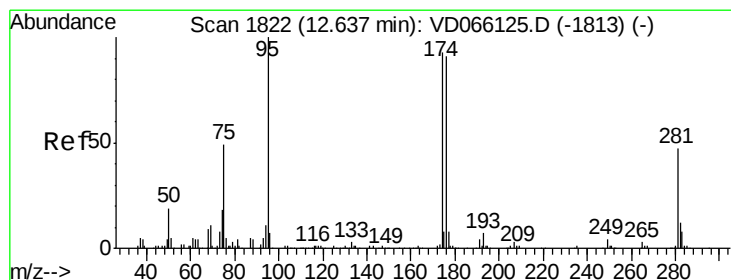
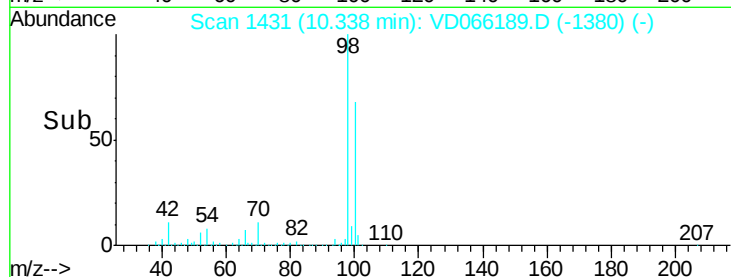
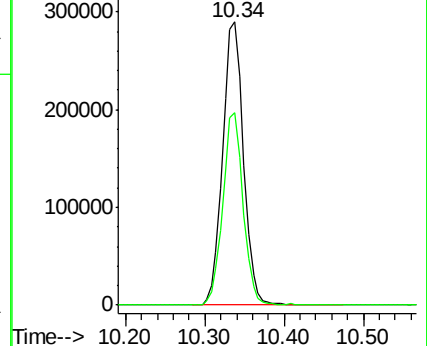
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 68.592 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066189.D

Acq: 11 Aug 2020 16:27

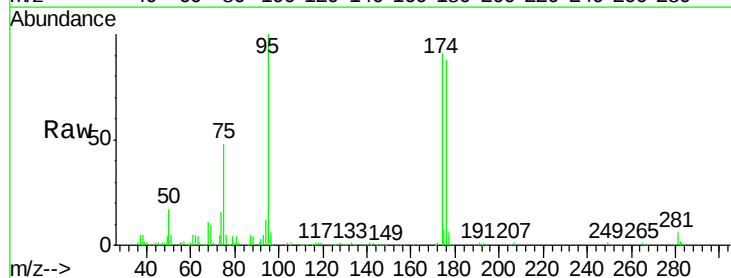
Tgt Ion: 95 Resp: 245714

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

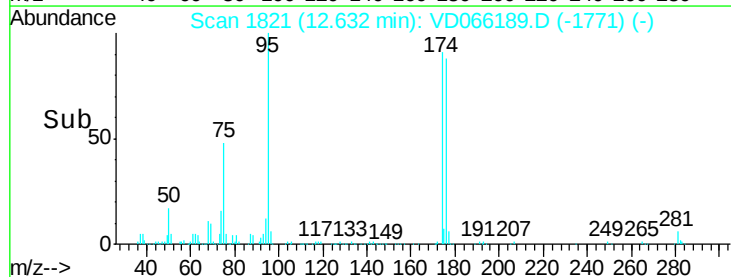
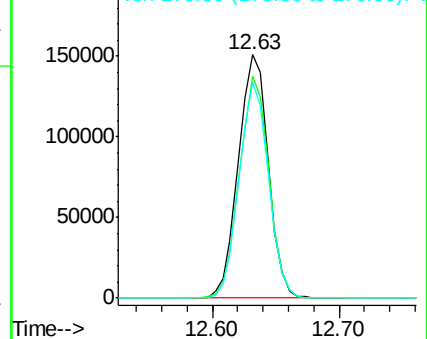
176 86.7 0.0 181.2

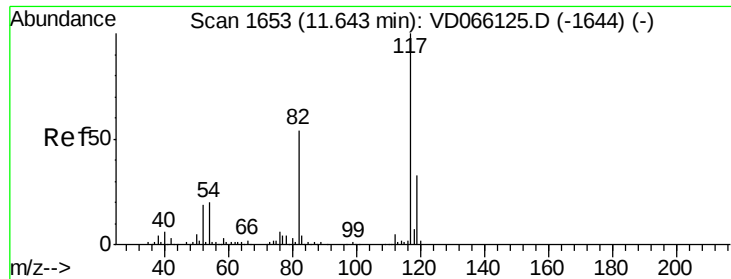


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

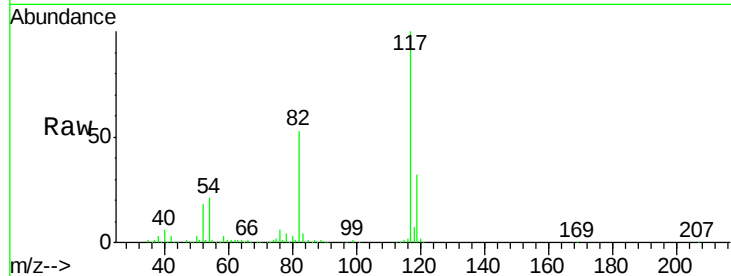




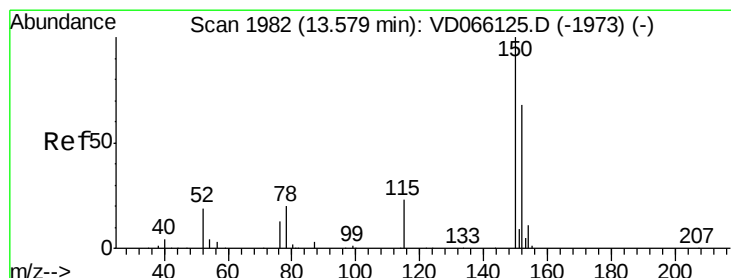
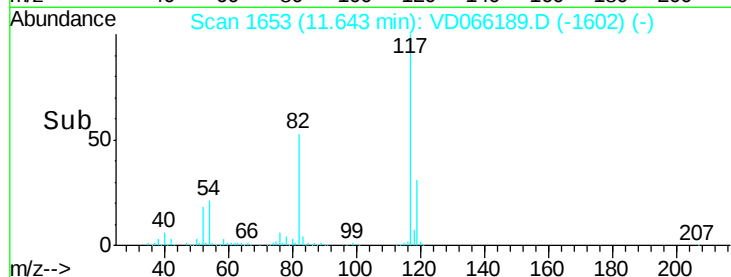
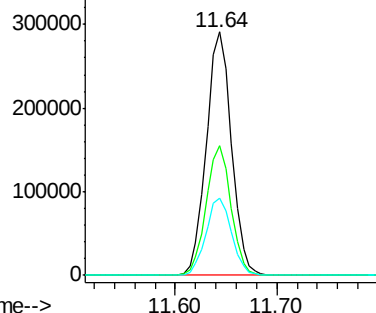
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 501092
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.5 26.1 39.1

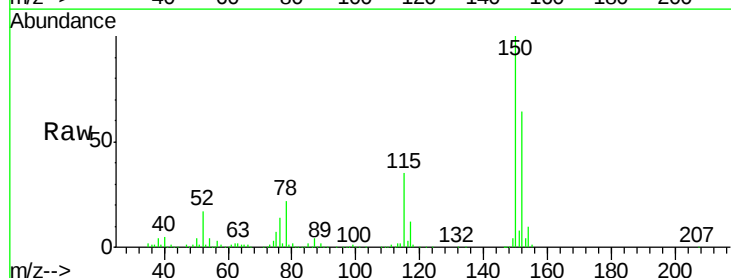


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

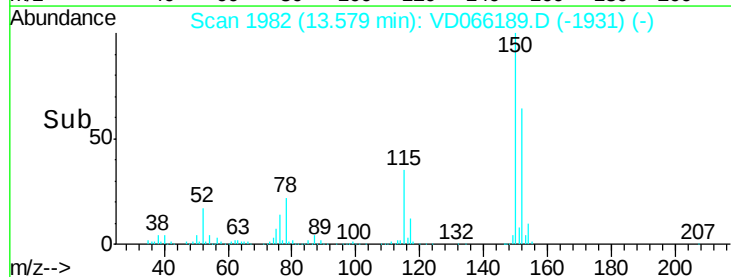
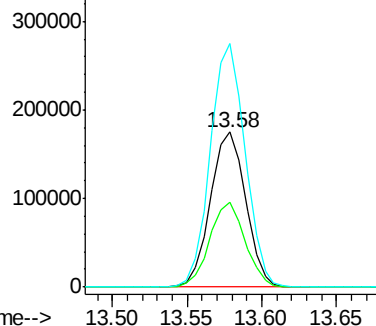


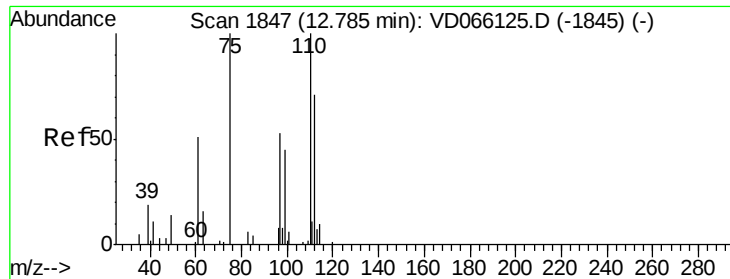
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066189.D
Acq: 11 Aug 2020 16:27

Tgt Ion:152 Resp: 287140
Ion Ratio Lower Upper
152 100
115 55.1 28.0 83.9
150 155.1 0.0 346.4



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

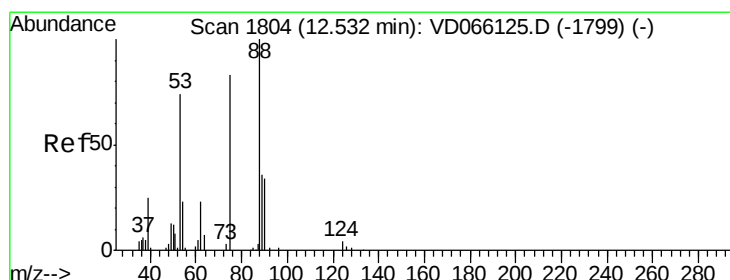
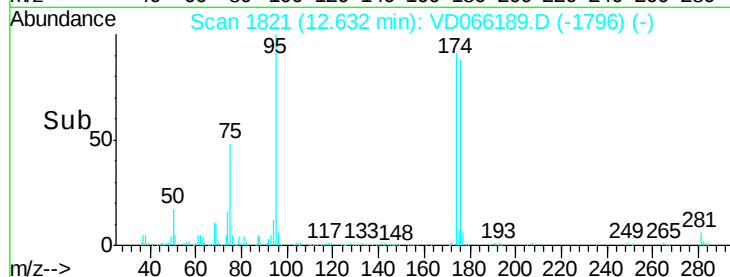
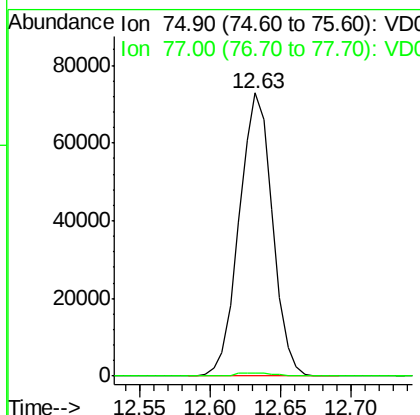
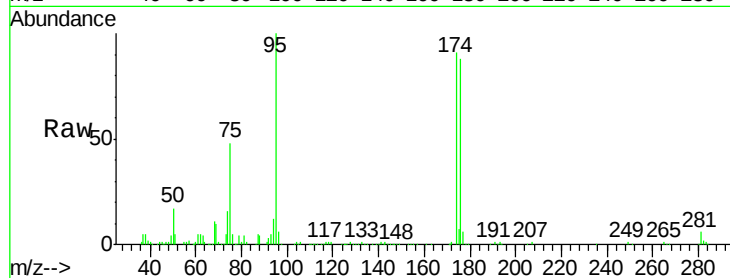




#76
 1,2,3-Trichloropropane
 Concen: 50.082 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

Instrument :
 MSVOA_D
 ClientSampled :
 SB-2

Tgt Ion: 75 Resp: 119923
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.709 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066189.D
 Acq: 11 Aug 2020 16:27

Tgt Ion: 75 Resp: 119923
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.0 36.6 55.0#

