

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066190.D
 Acq On : 11 Aug 2020 16:55
 Operator : VA/SY
 Sample : L3624-02
 Misc : 2.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-1

Quant Time: Aug 11 21:00:42 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	263357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	443123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	533079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305184	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	117410	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.91	113	134393	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.34	98	558842	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.63	95	264058	70.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.44%	

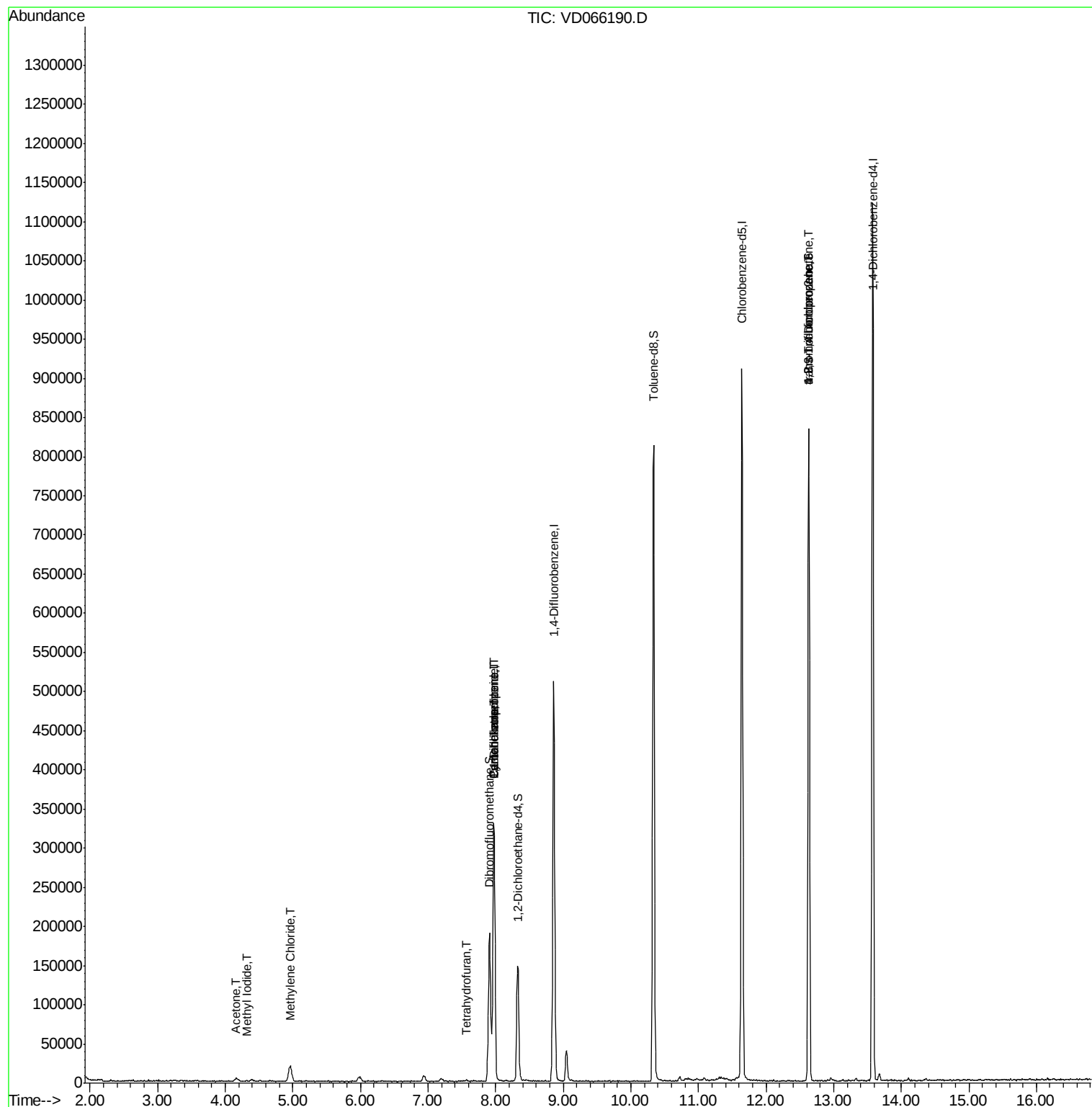
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	110	6.754	ug/l #	39
11) Tert butyl alcohol	5.21	59	134	Below Cal	#	76
16) Acetone	4.16	43	7762	17.411	ug/l	100
20) Methylene Chloride	4.96	84	16172	1.822	ug/l	96
29) Tetrahydrofuran	7.58	42	523	1.287	ug/l #	33
31) Cyclohexane	7.97	56	5190	1.261	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	17341	4.165	ug/l #	50
38) Carbon Tetrachloride	7.98	117	25198	5.426	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	128879	50.640	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	128879	111.942	ug/l #	13

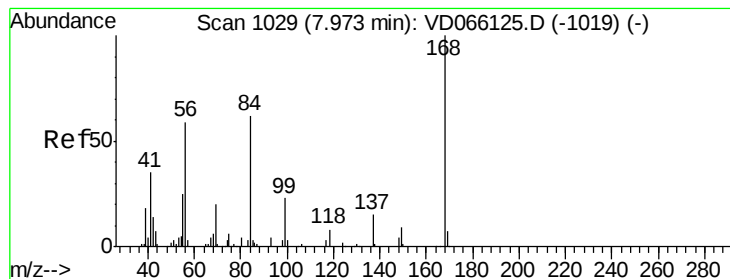
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066190.D
Acq On : 11 Aug 2020 16:55
Operator : VA/SY
Sample : L3624-02
Misc : 2.79G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-1

Quant Time: Aug 11 21:00:42 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: VD066190.D

Acq: 11 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

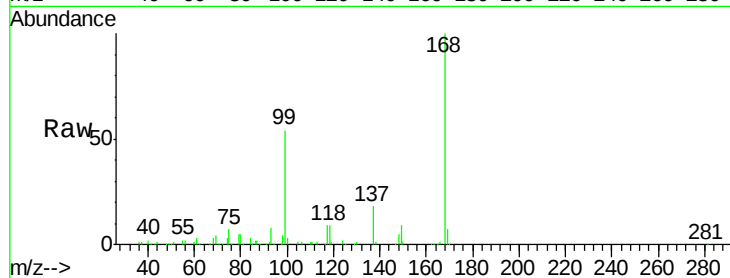
SS-TP-1

Tgt Ion:168 Resp: 263357

Ion Ratio Lower Upper

168 100

99 54.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

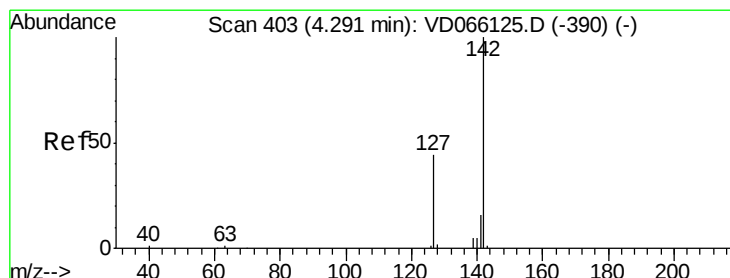
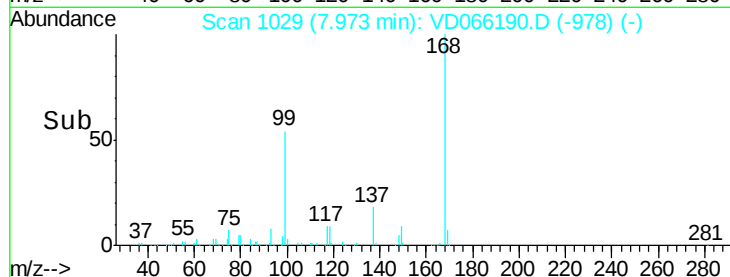
7.97

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.754 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.02 min

Lab File: VD066190.D

Acq: 11 Aug 2020 16:55

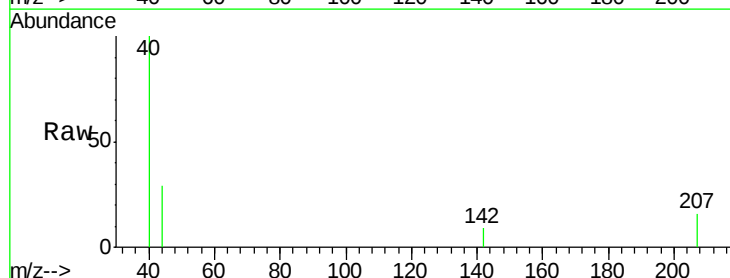
Tgt Ion:142 Resp: 110

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

4.31

200

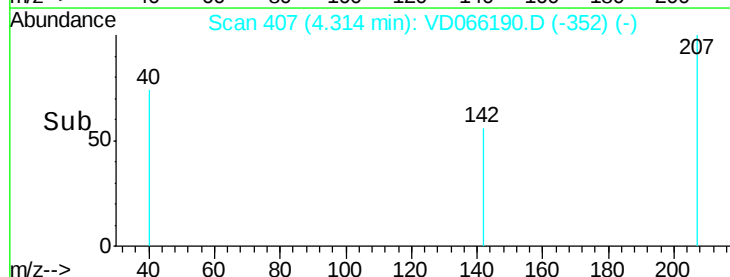
150

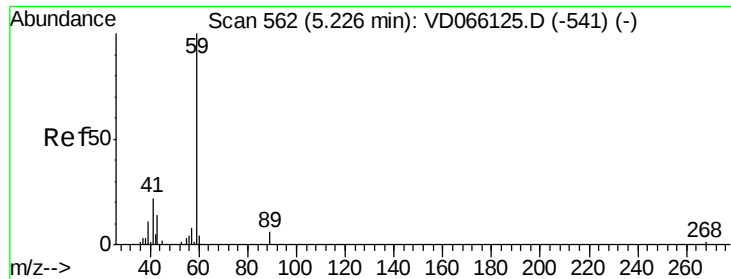
100

50

0

Time-->

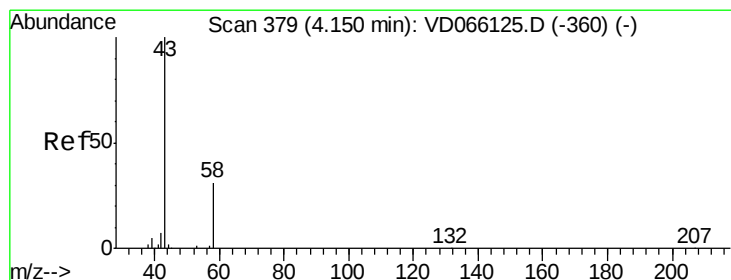
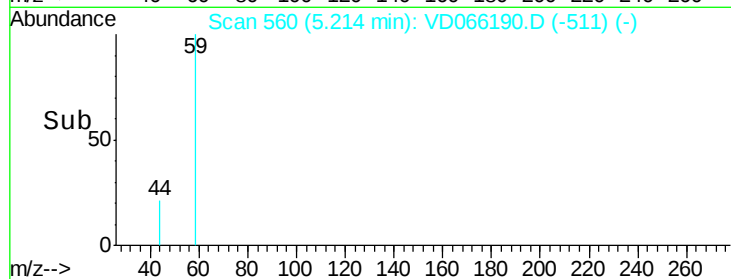
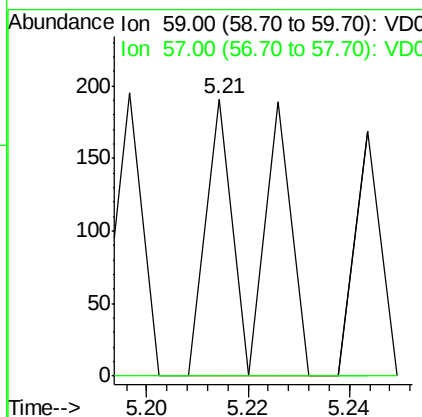
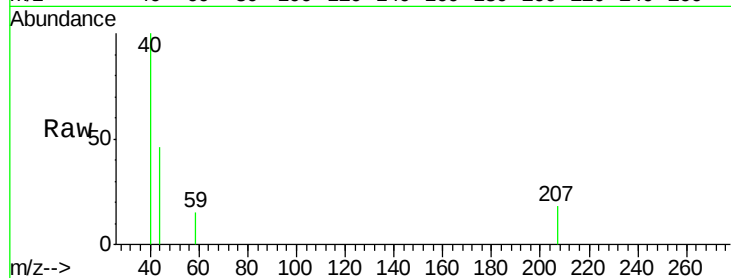




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

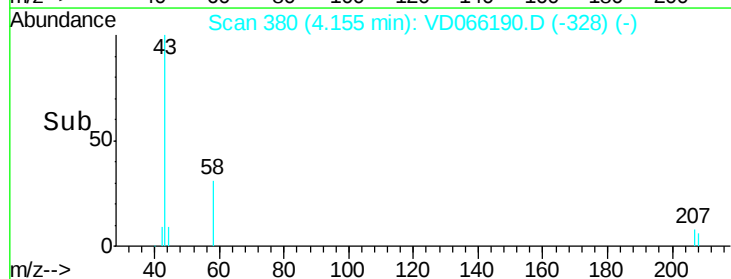
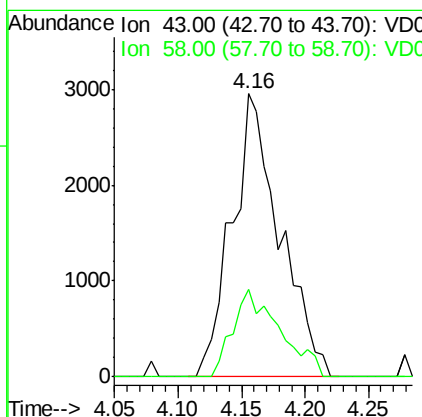
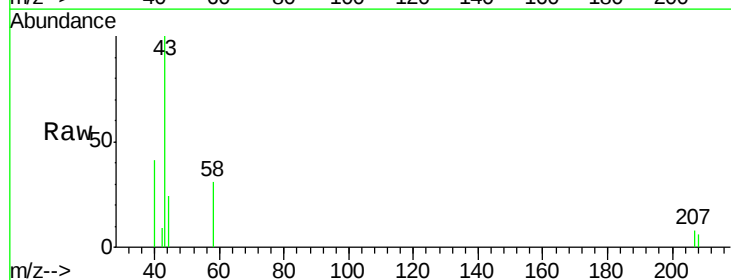
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-1

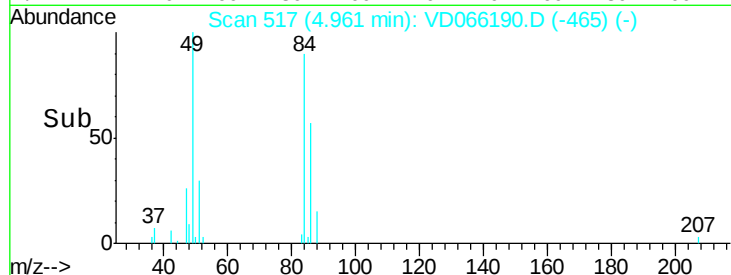
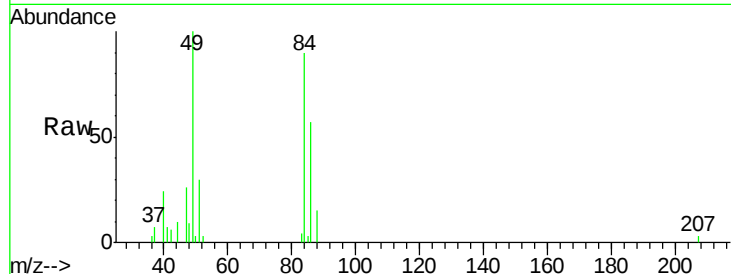
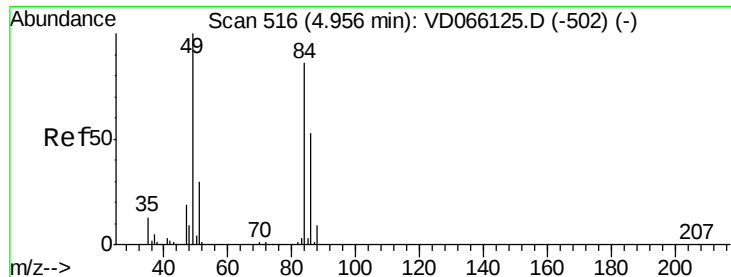
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#



#16
Acetone
Concen: 17.411 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.01 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

Tgt Ion: 43 Resp: 7762
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1

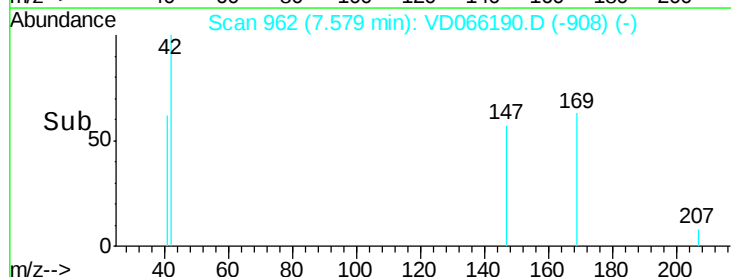
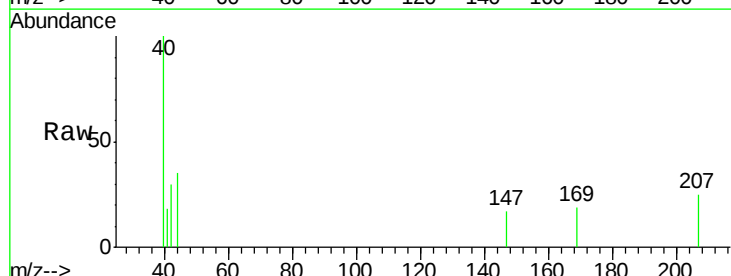
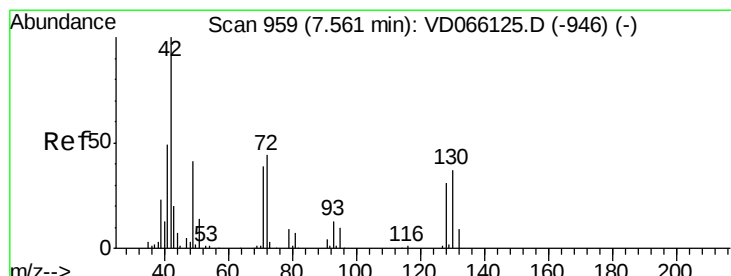
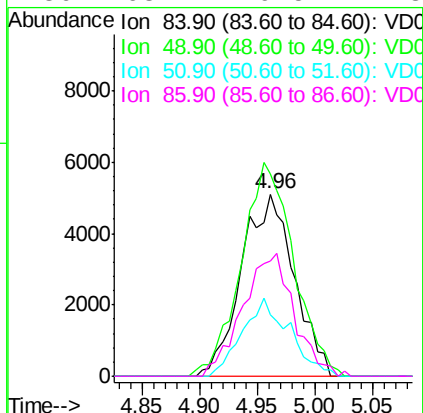




#20
Methylene Chloride
Concen: 1.822 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

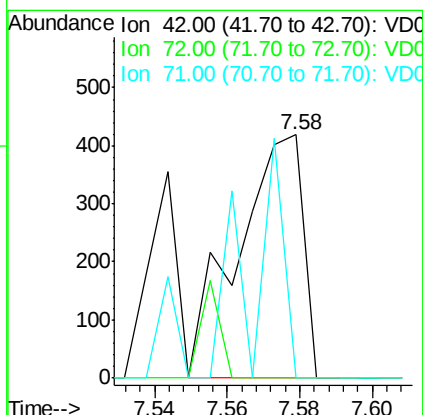
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-1

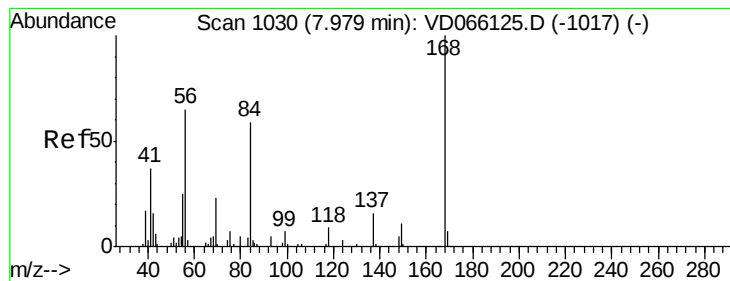
Tgt Ion: 84 Resp: 16172
Ion Ratio Lower Upper
84 100
49 111.4 93.5 140.3
51 33.8 28.2 42.4
86 63.1 49.5 74.3



#29
Tetrahydrofuran
Concen: 1.287 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.02 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

Tgt Ion: 42 Resp: 523
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 33.5 50.3#





#31

Cyclohexane

Concen: 1.261 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066190.D

Acq: 11 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampled :

SS-TP-1

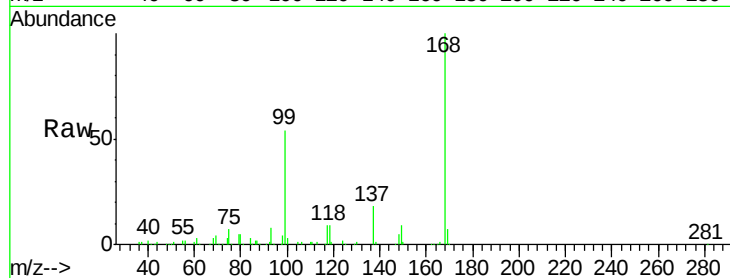
Tgt Ion: 56 Resp: 5190

Ion Ratio Lower Upper

56 100

69 182.3 28.8 43.2#

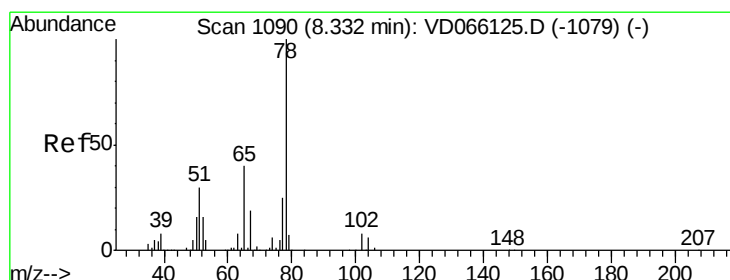
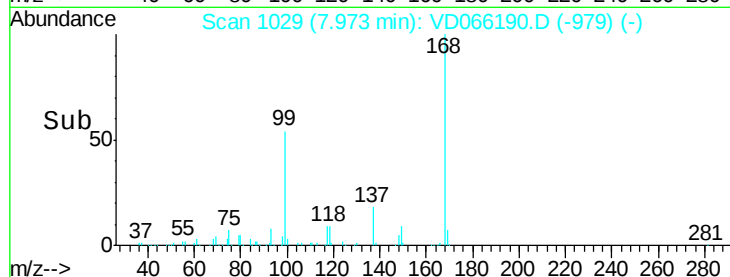
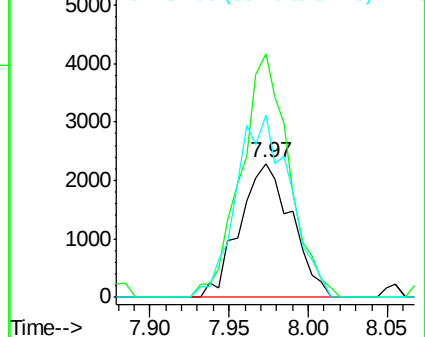
84 150.7 73.0 109.6#



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: 49.971 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066190.D

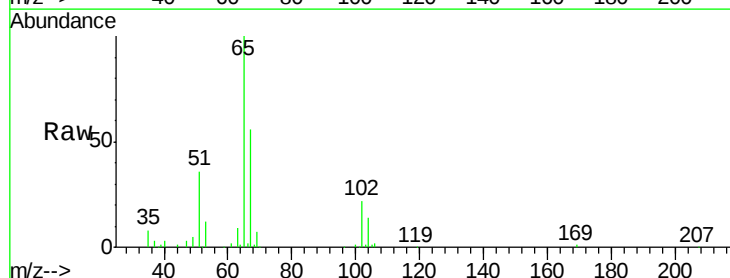
Acq: 11 Aug 2020 16:55

Tgt Ion: 65 Resp: 117410

Ion Ratio Lower Upper

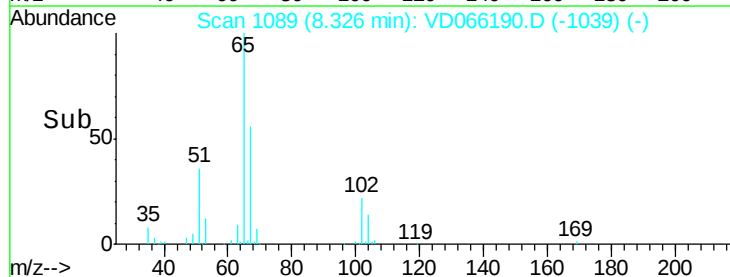
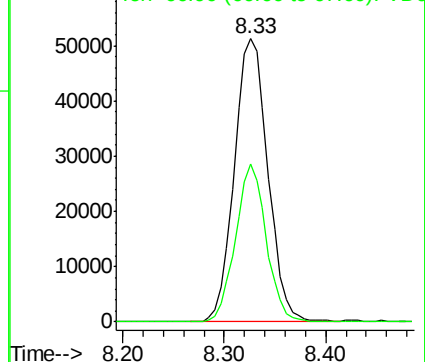
65 100

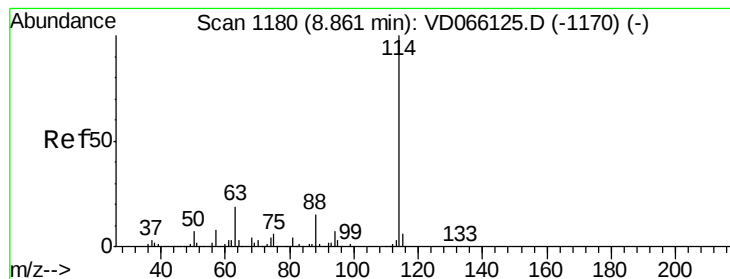
67 51.1 0.0 104.6



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: VD066190.D

Acq: 11 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-1

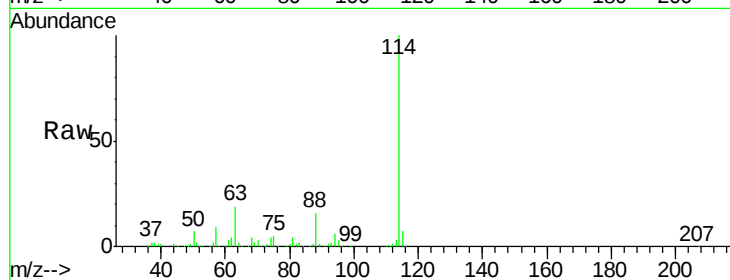
Tgt Ion:114 Resp: 443123

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

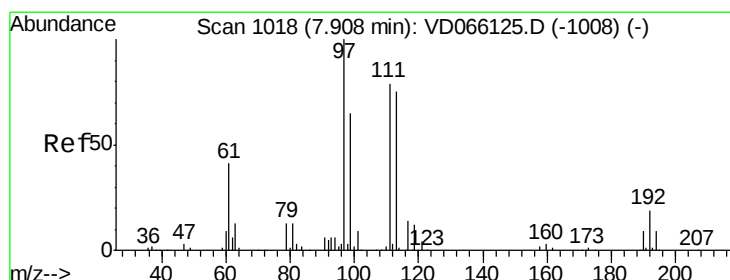
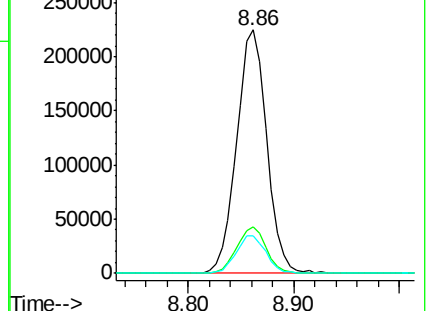
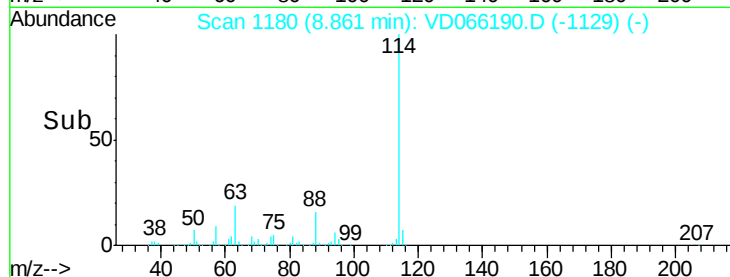
88 15.6 0.0 30.0



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: 47.875 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066190.D

Acq: 11 Aug 2020 16:55

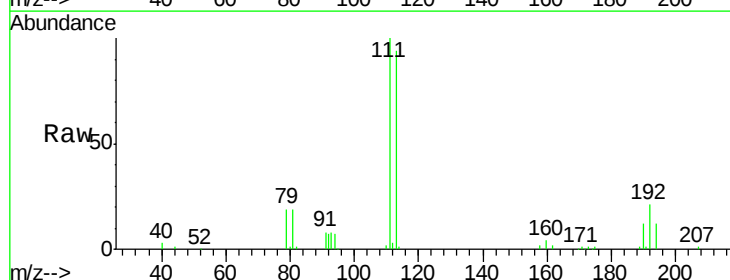
Tgt Ion:113 Resp: 134393

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

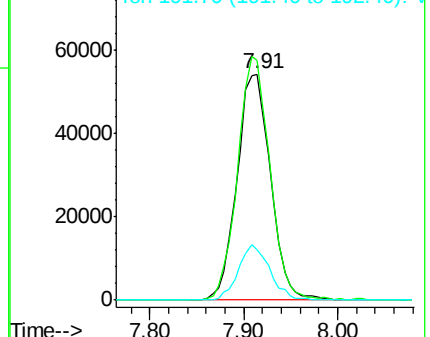
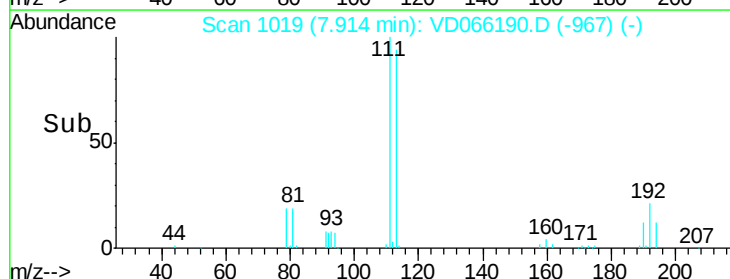
192 22.8 18.4 27.6

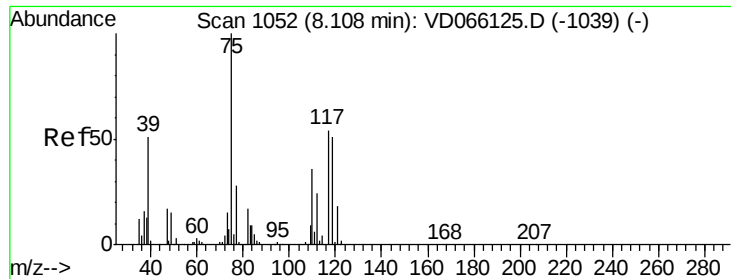


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.165 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066190.D

Acq: 11 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-1

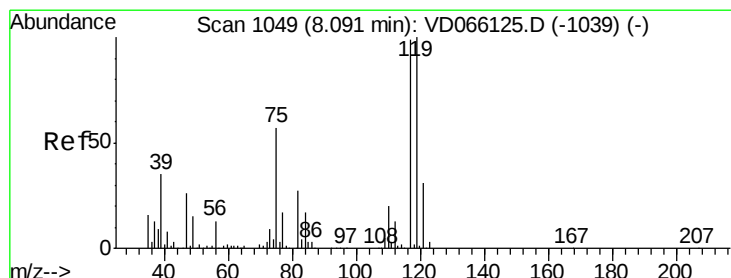
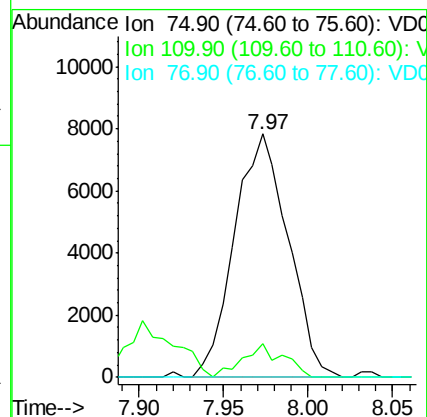
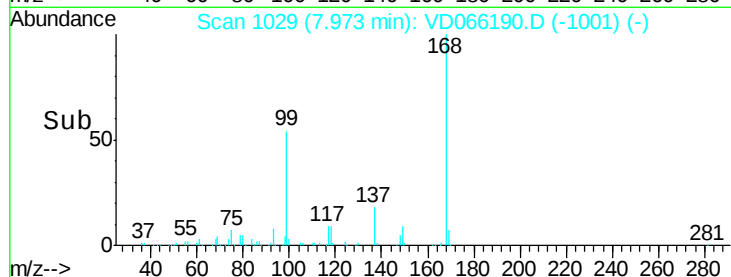
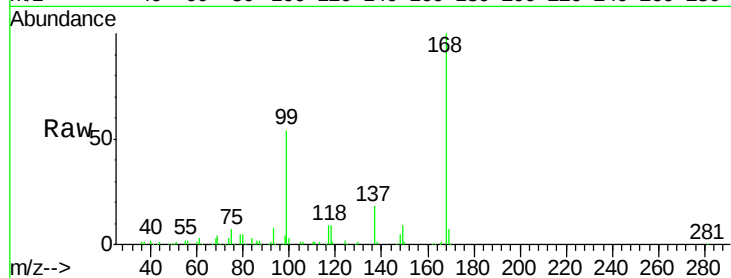
Tgt Ion: 75 Resp: 17341

Ion Ratio Lower Upper

75 100

110 10.4 18.8 56.3#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.426 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066190.D

Acq: 11 Aug 2020 16:55

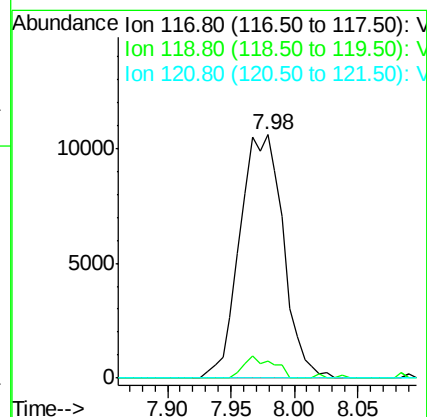
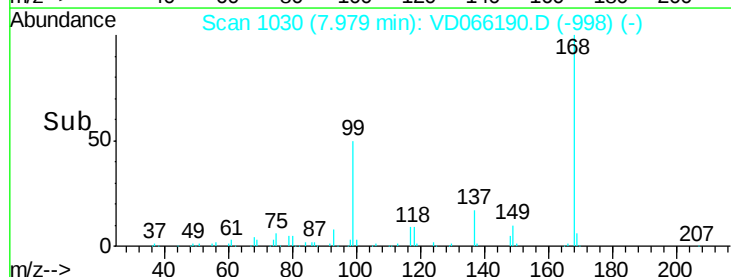
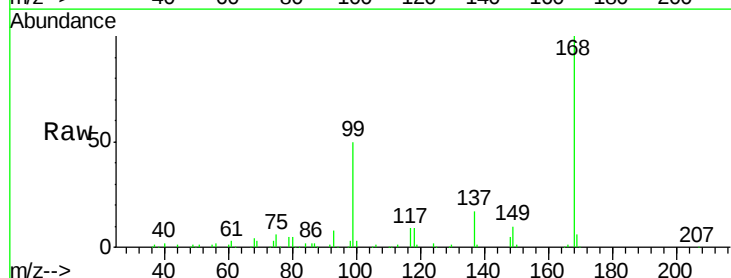
Tgt Ion: 117 Resp: 25198

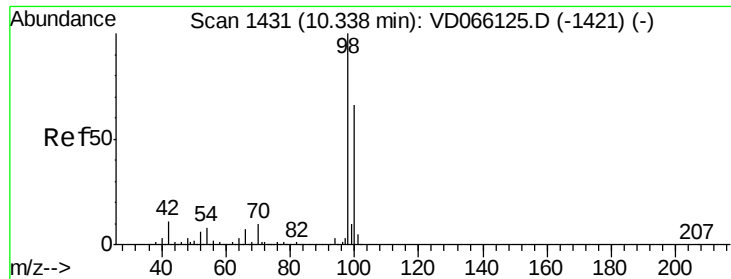
Ion Ratio Lower Upper

117 100

119 6.8 81.0 121.4#

121 0.0 24.8 37.2#

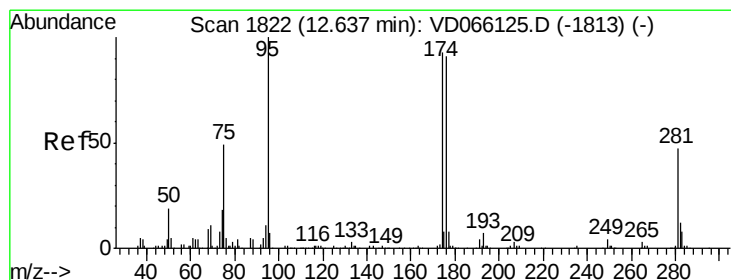
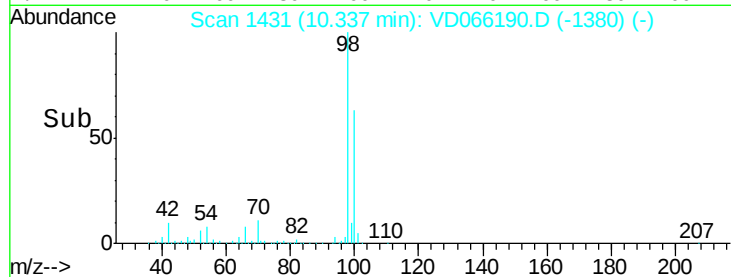
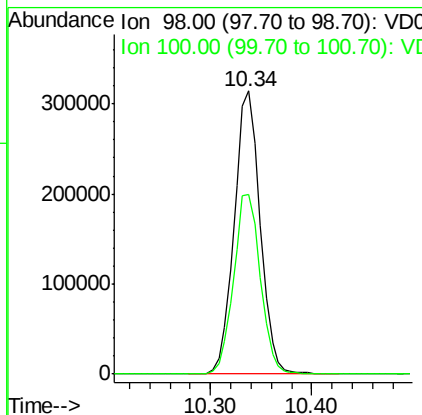
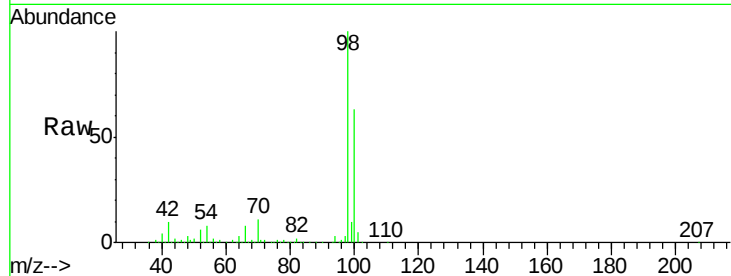




#50
Toluene-d8
Concen: 53.947 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

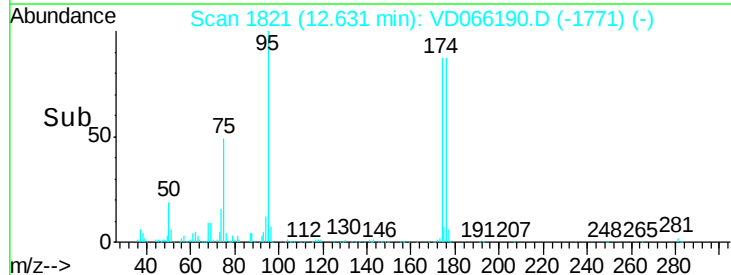
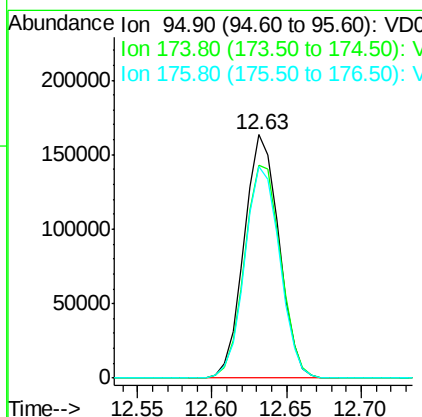
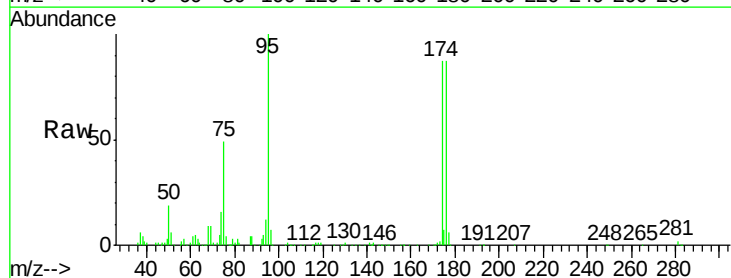
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-1

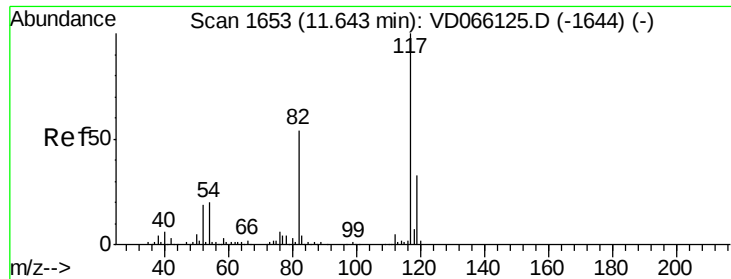
Tgt Ion: 98 Resp: 558842
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 70.717 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

Tgt Ion: 95 Resp: 264058
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.8
176 87.3 0.0 181.2

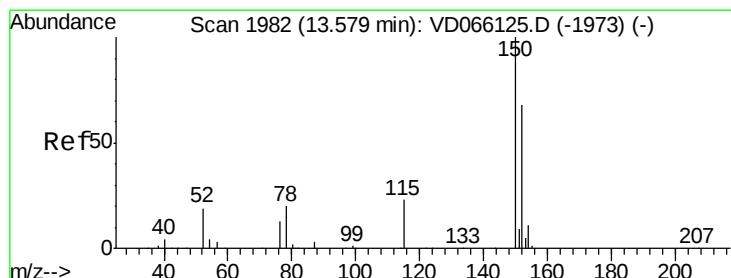
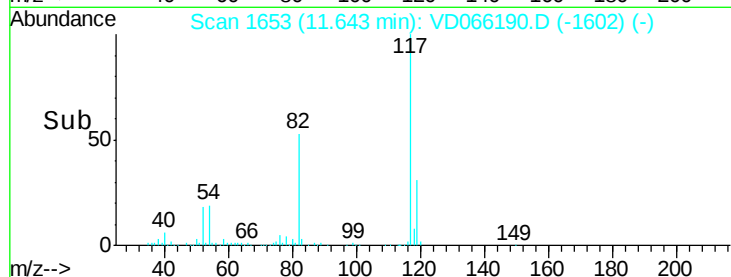
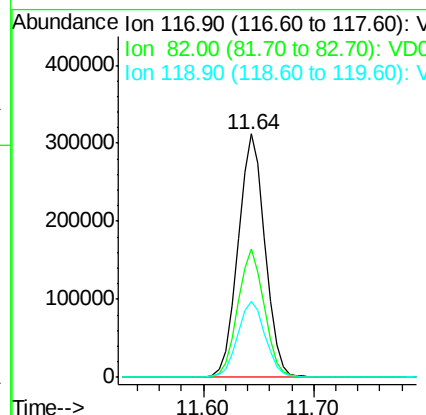
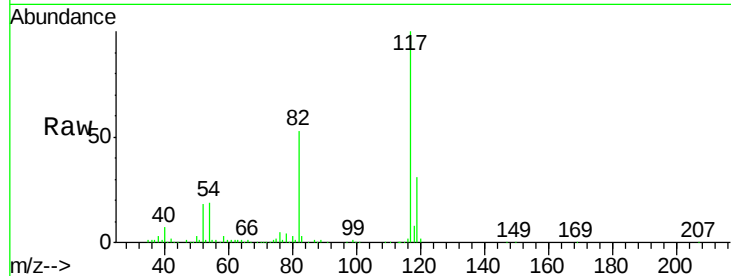




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

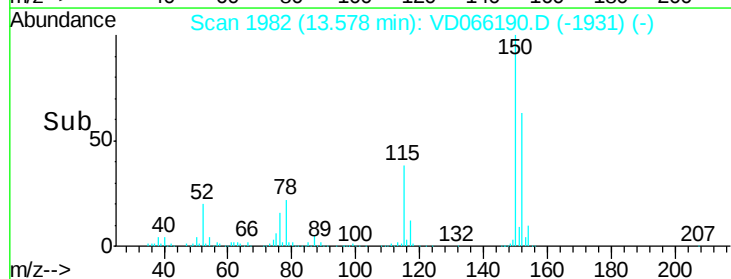
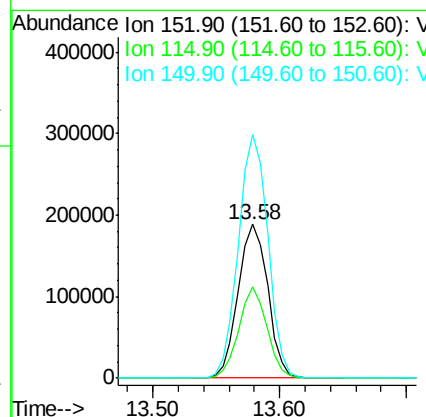
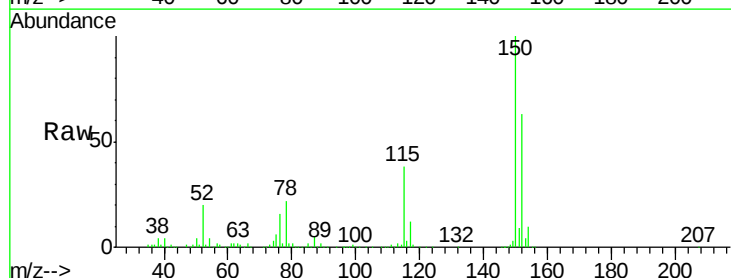
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-1

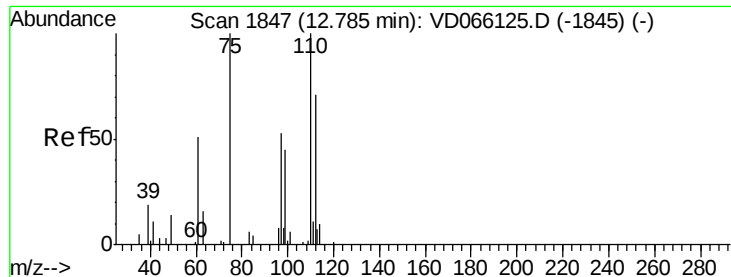
Tgt Ion:117 Resp: 533079
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 30.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066190.D
Acq: 11 Aug 2020 16:55

Tgt Ion:152 Resp: 305184
Ion Ratio Lower Upper
152 100
115 55.9 28.0 83.9
150 157.6 0.0 346.4

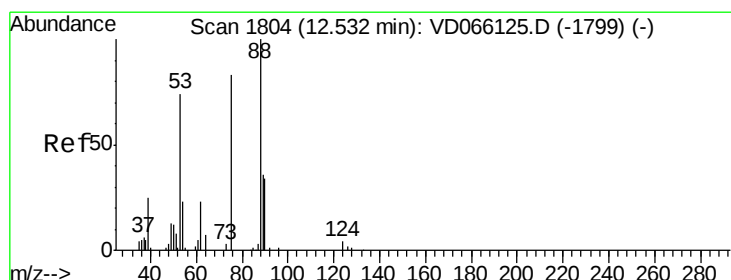
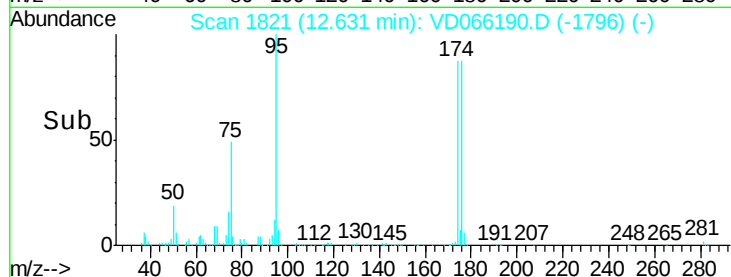
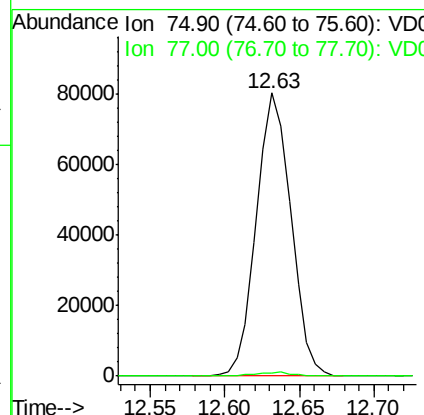
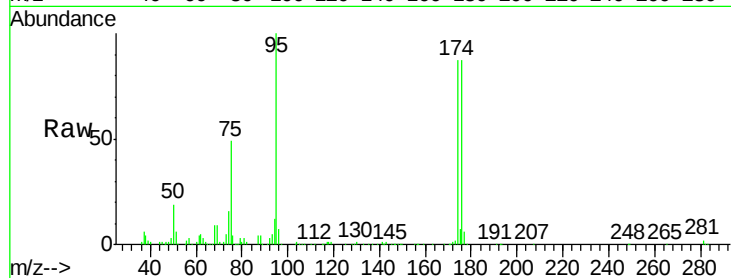




#76
 1,2,3-Trichloropropane
 Concen: 50.640 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066190.D
 Acq: 11 Aug 2020 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-1

Tgt Ion: 75 Resp: 128879
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.942 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066190.D
 Acq: 11 Aug 2020 16:55

Tgt Ion: 75 Resp: 128879
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.2 36.6 55.0#

