

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066787.D
 Acq On : 21 Sep 2020 17:15
 Operator : VA/SY
 Sample : L4017-11
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-11

Quant Time: Sep 22 00:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	387324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	700640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	677769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307713	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	225569	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	7.91	113	229328	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
50) Toluene-d8	10.34	98	845832	55.27	ug/l	0.00
Spiked Amount			Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.63	95	296316	56.09	ug/l	0.00
Spiked Amount			Recovery	=	112.18%	

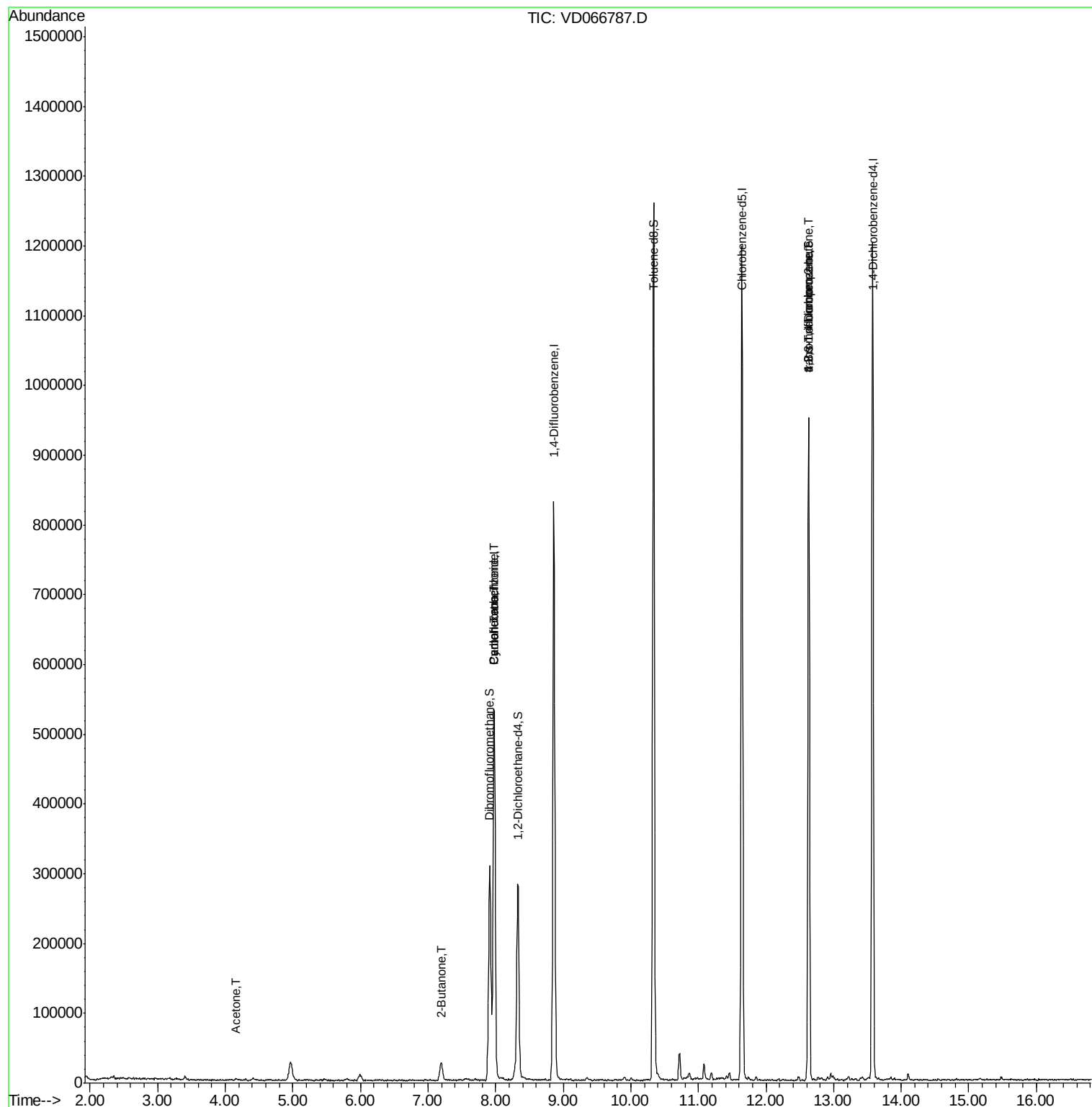
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	771	Below Cal	#	43
11) Tert butyl alcohol	5.21	59	505	Below Cal	#	76
16) Acetone	4.16	43	3841	4.564	ug/l	93
18) Methyl Acetate	4.72	43	104	Below Cal	#	52
20) Methylene Chloride	4.97	84	20286	Below Cal		88
25) 2-Butanone	7.20	43	1120	1.022	ug/l #	49
31) Cyclohexane	7.97	56	10235	1.402	ug/l #	36
38) Carbon Tetrachloride	7.97	117	42274	5.526	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	159090	60.401	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	159090	130.356	ug/l #	8

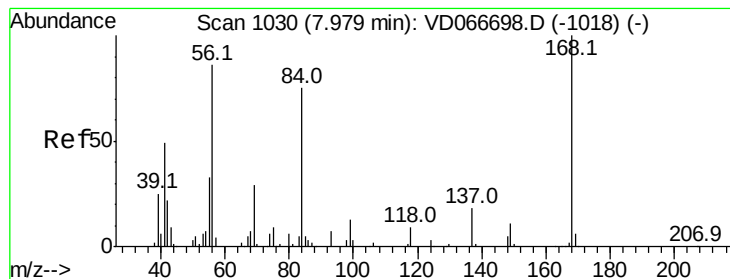
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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MSVOA_D
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Quant Time: Sep 22 00:55:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066787.D

Acq: 21 Sep 2020 17:15

Instrument :

MSVOA_D

ClientSampled :

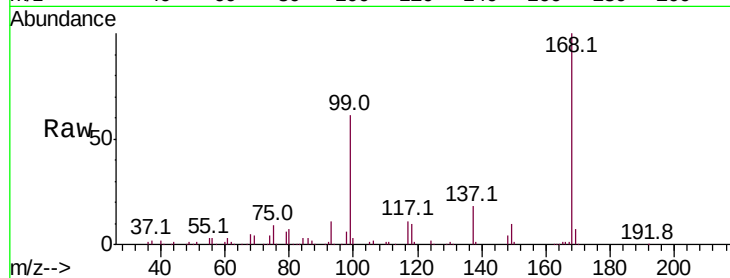
SS-11

Tot Ion:168 Resp: 387324

Ion Ratio Lower Upper

168 100

99 61.1 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

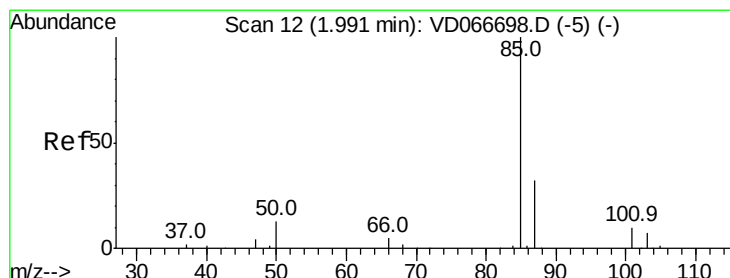
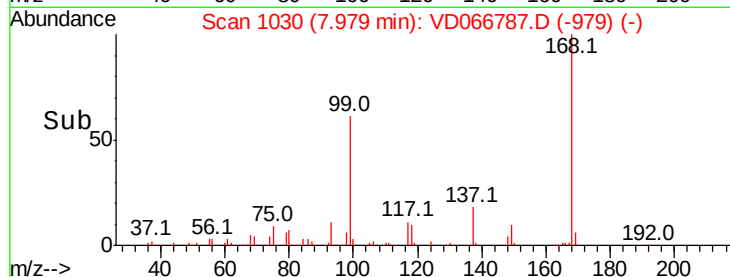
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066787.D

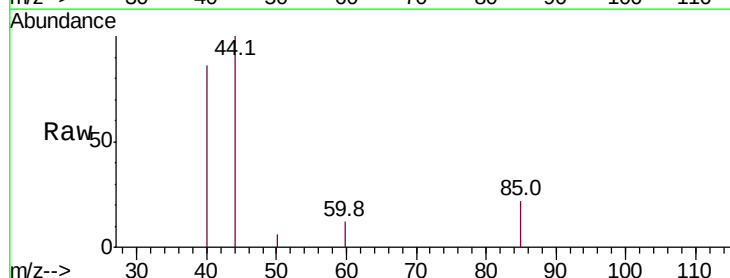
Acq: 21 Sep 2020 17:15

Tgt Ion: 85 Resp: 771

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

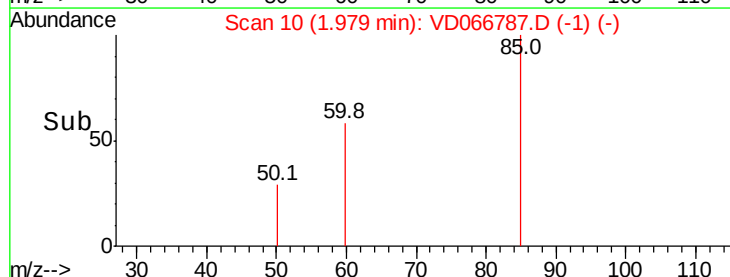
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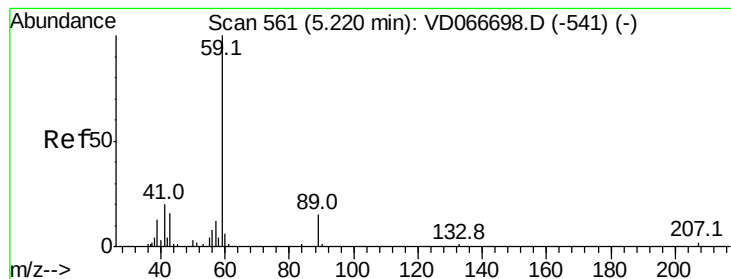
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200

0

Time-->



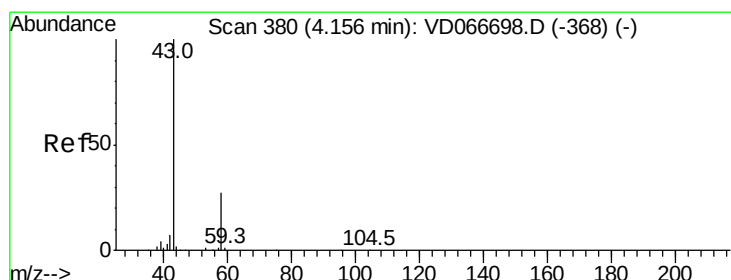
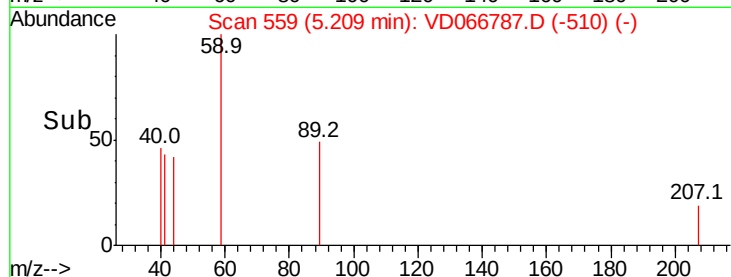
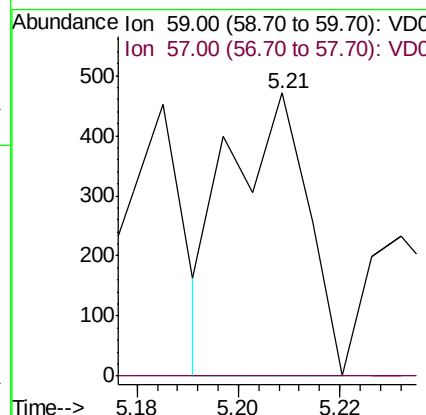
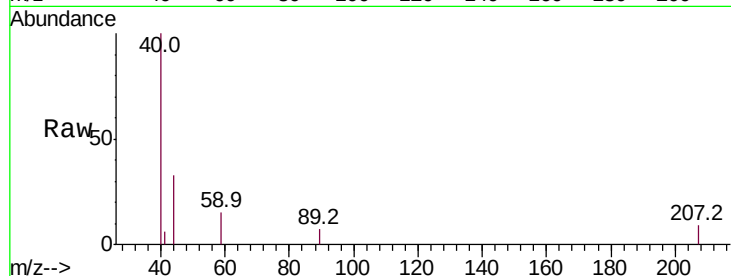


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-11

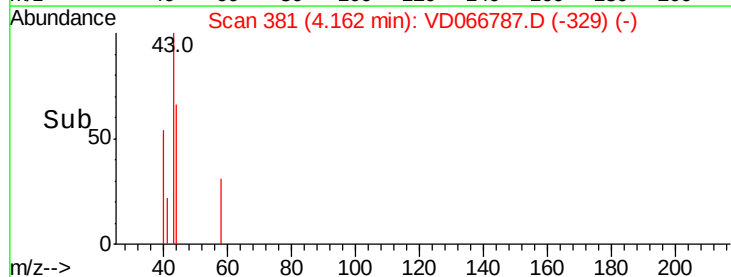
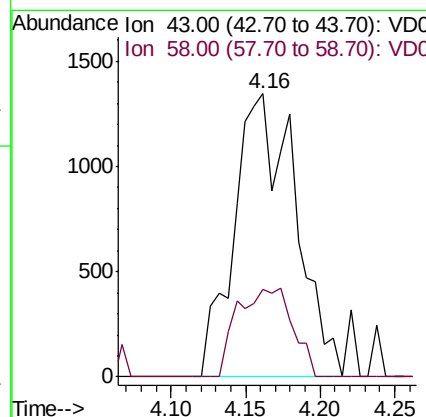
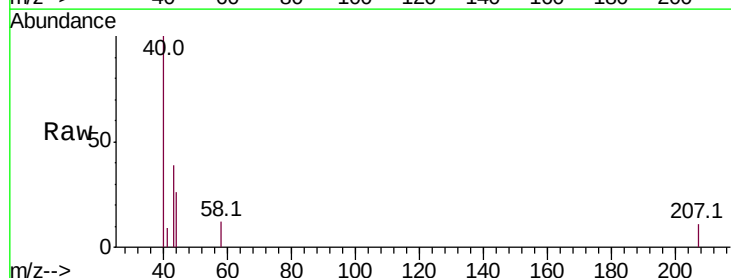
Tot Ion: 59 Resp: 505
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

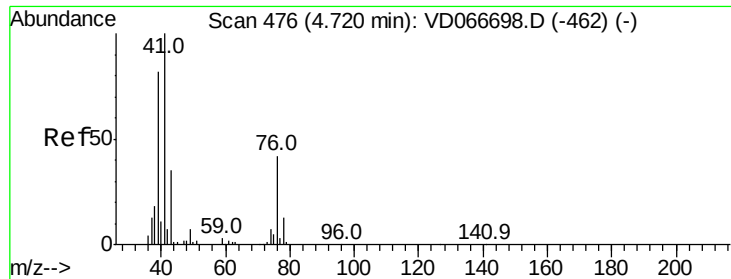


#16

Acetone
 Concen: 4.564 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

Tgt Ion: 43 Resp: 3841
 Ion Ratio Lower Upper
 43 100
 58 31.2 21.9 32.9

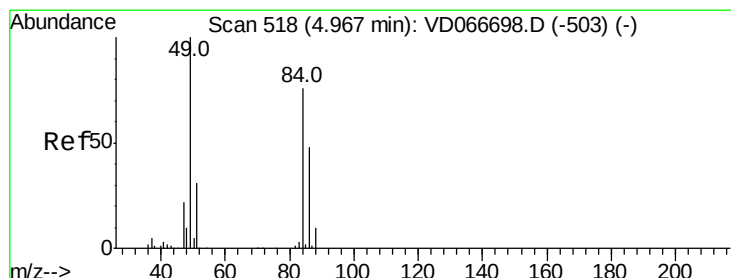
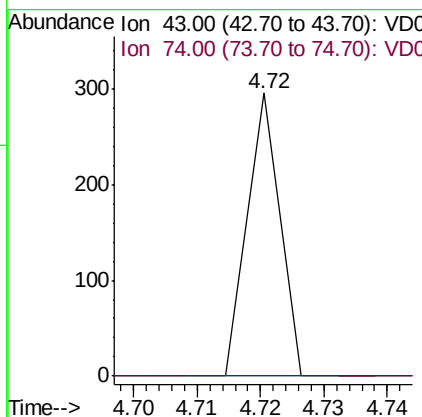
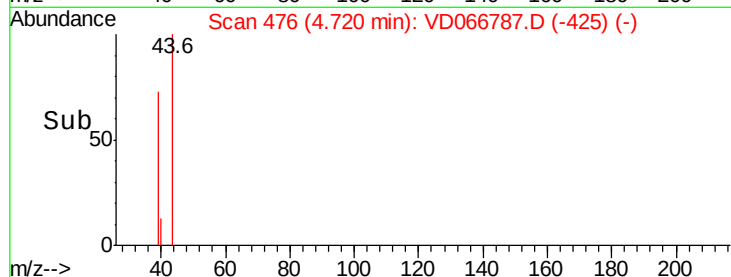
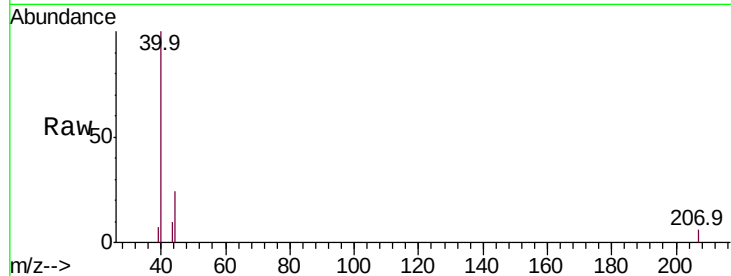




#18
Methyl Acetate
Concen: Below Cal
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

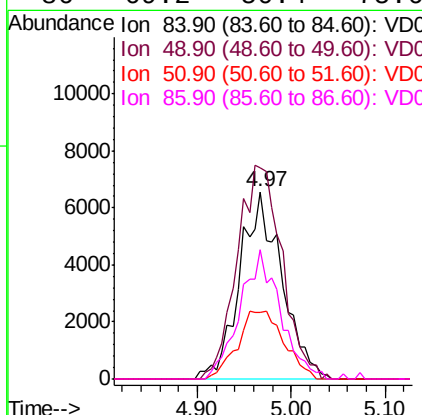
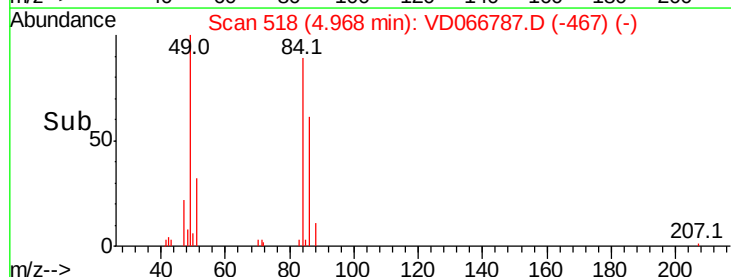
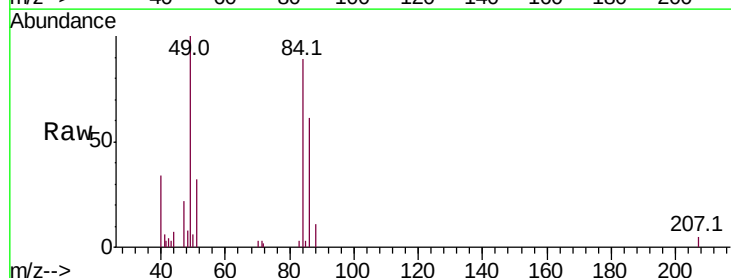
Instrument :
MSVOA_D
ClientSampleId :
SS-11

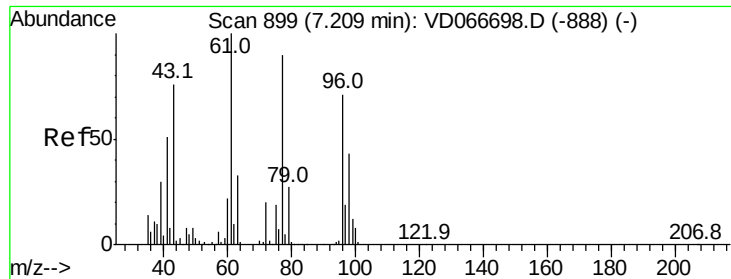
Tot Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion: 84 Resp: 20286
Ion Ratio Lower Upper
84 100
49 112.9 105.0 157.6
51 35.8 32.2 48.4
86 69.2 50.4 75.6

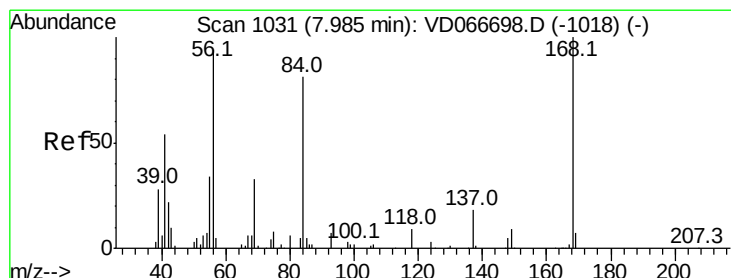
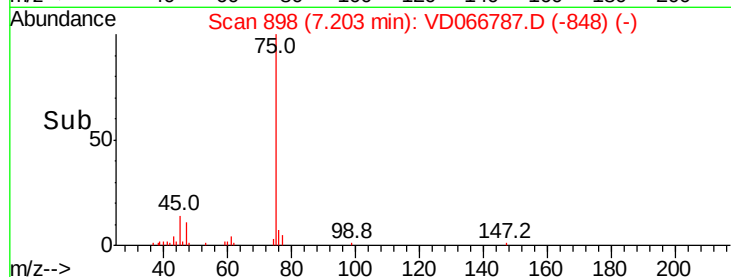
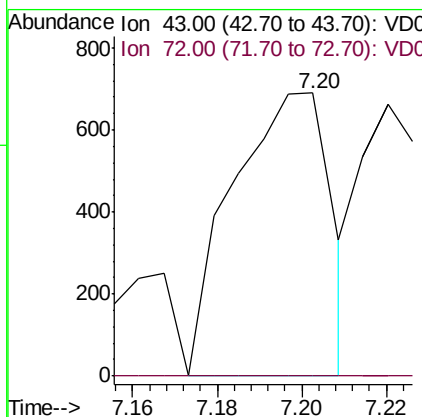
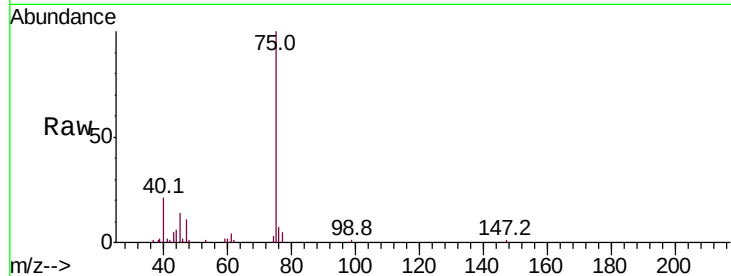




#25
2-Butanone
Concen: 1.022 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

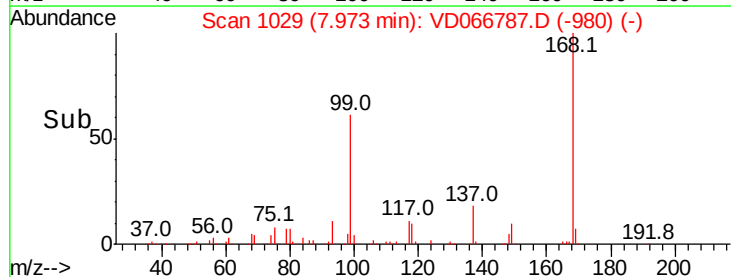
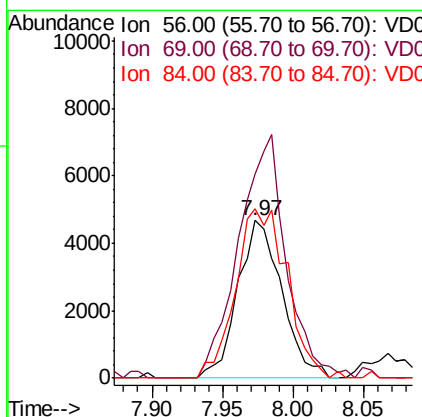
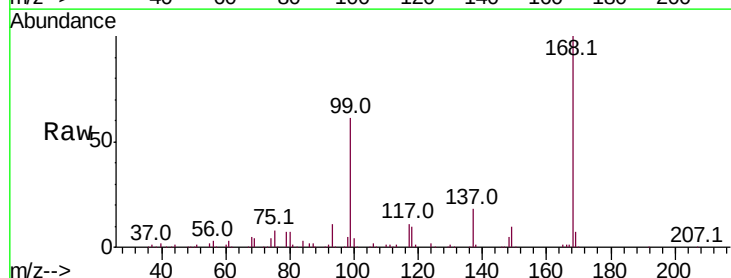
Instrument :
MSVOA_D
ClientSampled :
SS-11

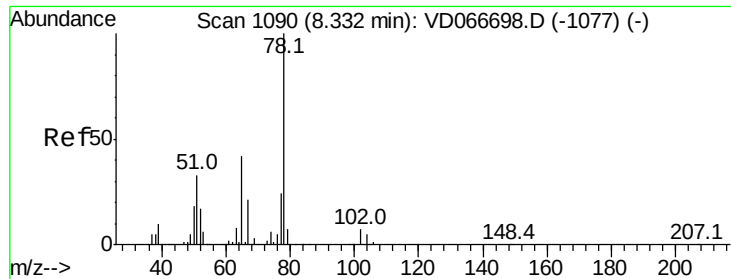
Tot Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion: 56 Resp: 10235
Ion Ratio Lower Upper
56 100
69 129.5 27.7 41.5#
84 107.3 68.5 102.7#

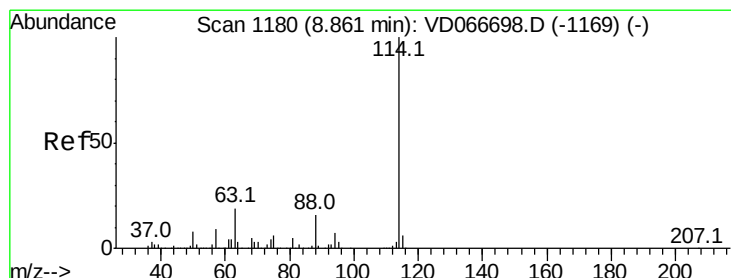
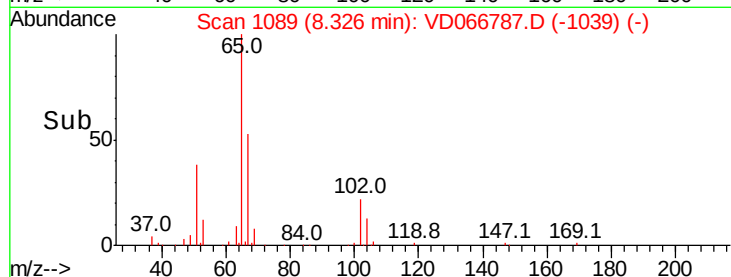
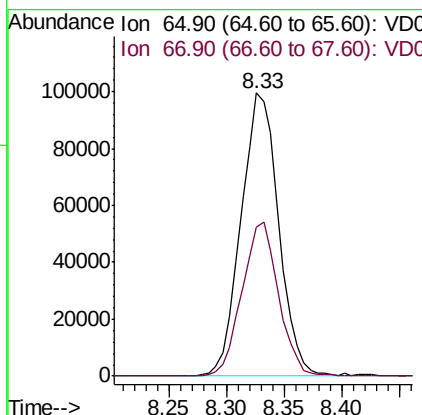
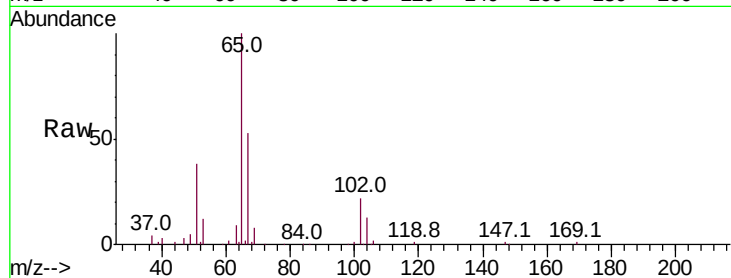




#33
 1,2-Dichloroethane-d4
 Concen: 54.584 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

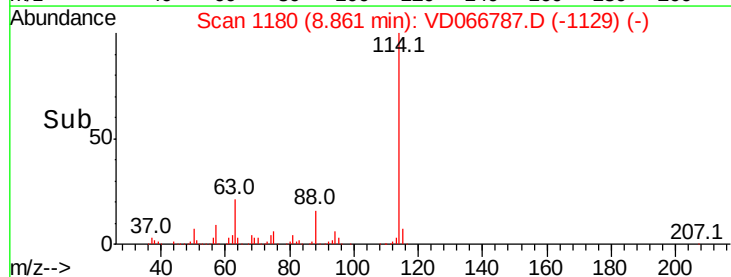
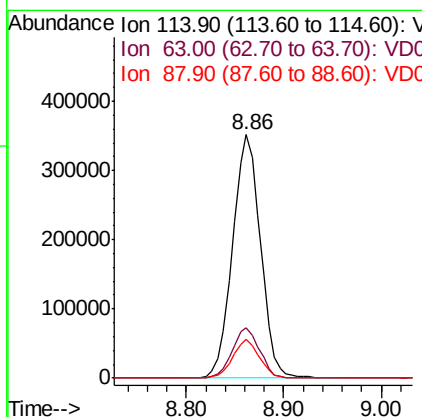
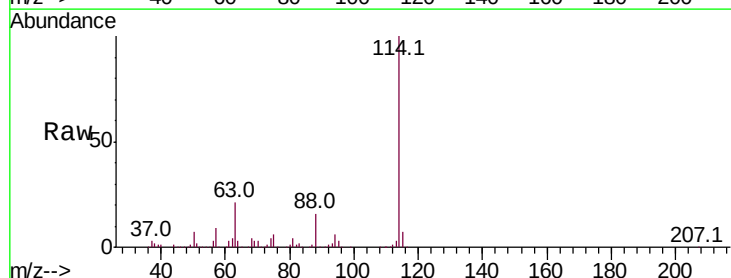
Instrument :
 MSVOA_D
 ClientSampled :
 SS-11

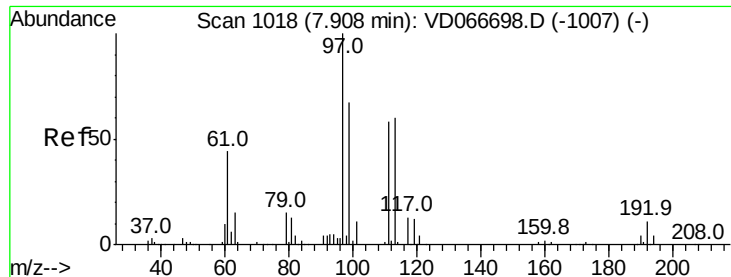
Tot Ion: 65 Resp: 225569
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

Tgt Ion:114 Resp: 700640
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.6
 88 16.0 0.0 32.2

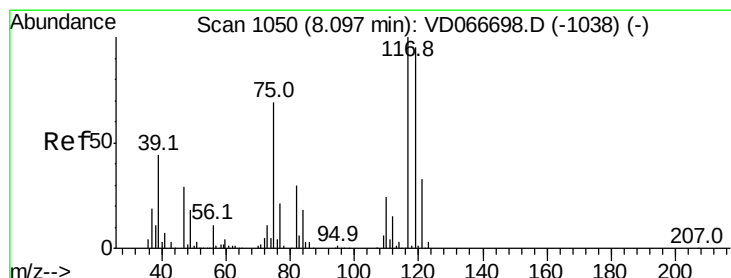
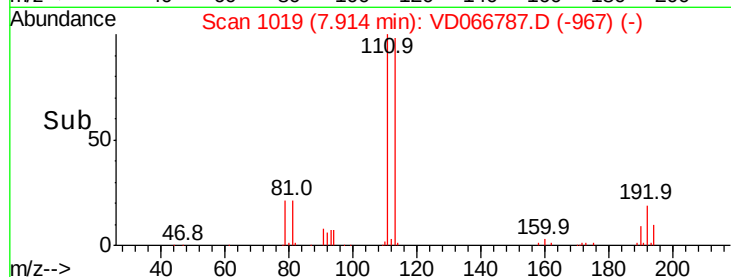
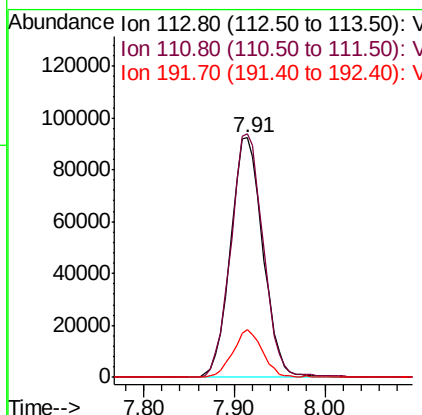
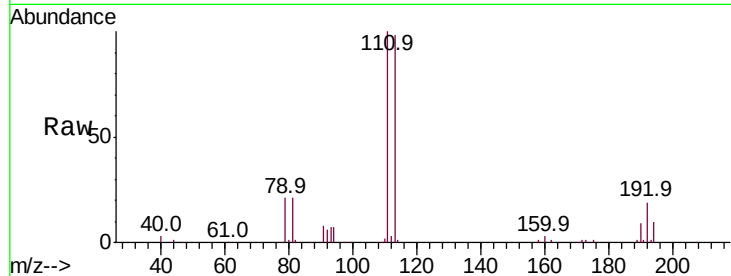




#35
Dibromofluoromethane
Concen: 53.387 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

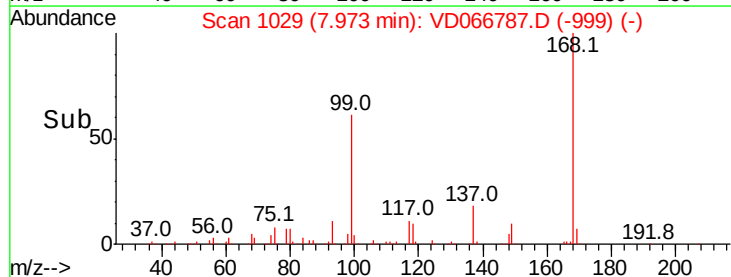
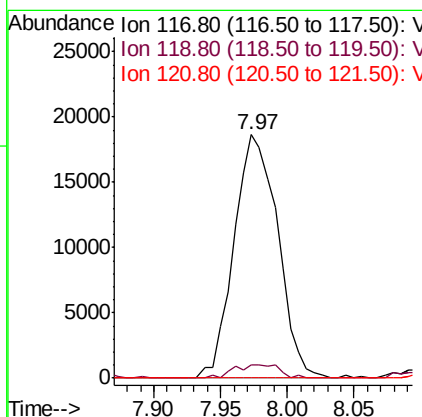
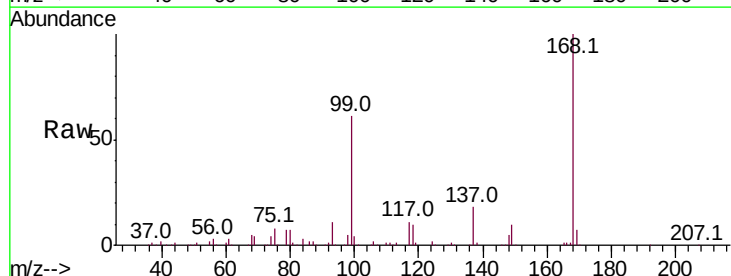
Instrument :
MSVOA_D
ClientSampleId :
SS-11

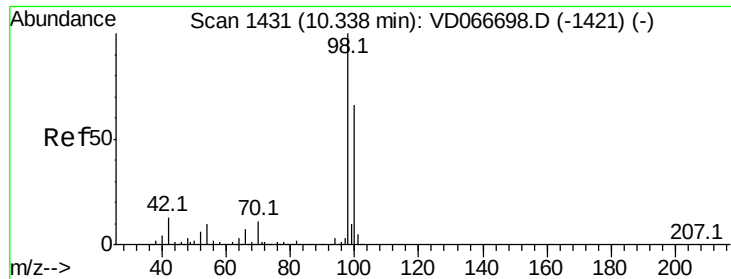
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.2	124.8
192	18.3	14.8	22.2



#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.6#
121	0.0	26.2	39.4#





#50

Toluene-d8

Concen: 55.268 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066787.D

Acq: 21 Sep 2020 17:15

Instrument :

MSVOA_D

ClientSampled :

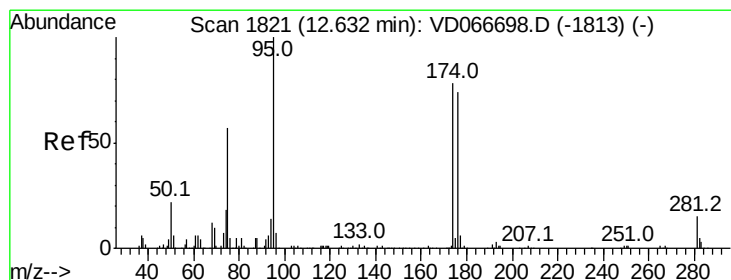
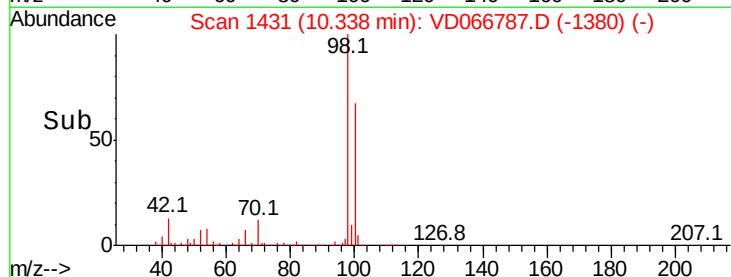
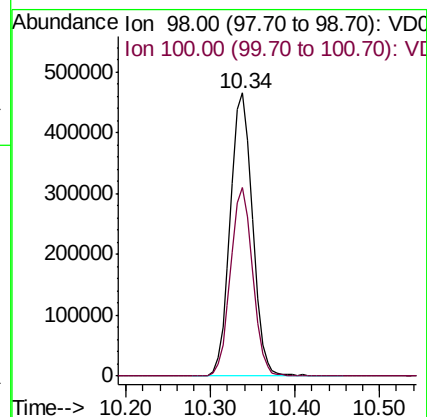
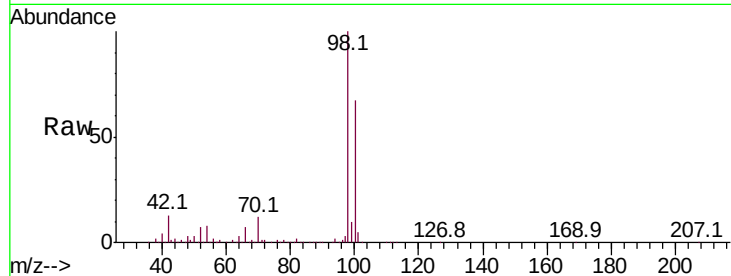
SS-11

Tot Ion: 98 Resp: 845832

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 56.091 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066787.D

Acq: 21 Sep 2020 17:15

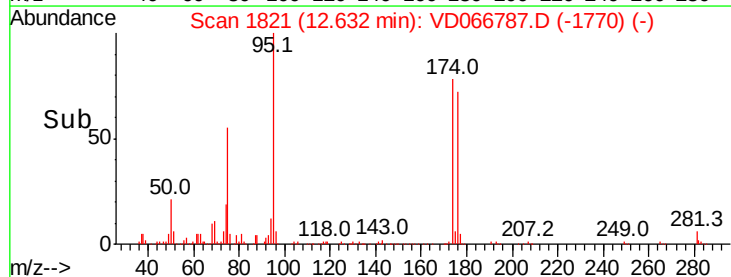
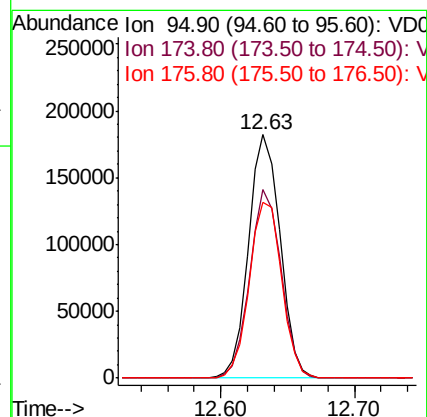
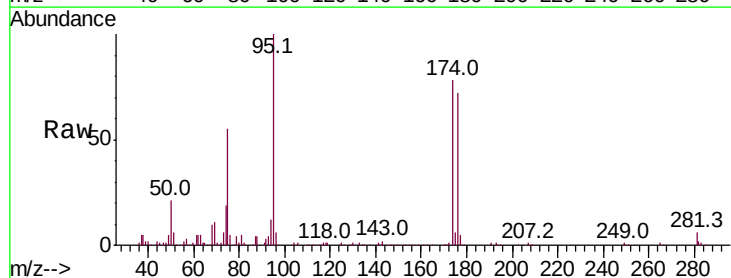
Tgt Ion: 95 Resp: 296316

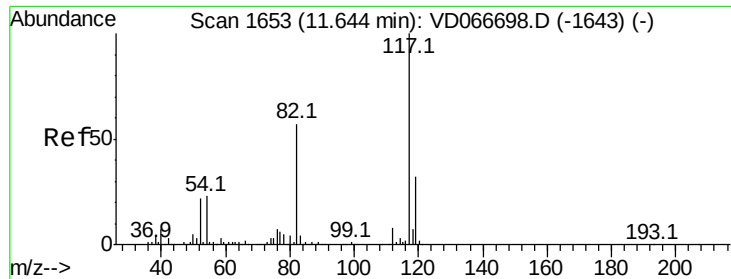
Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.6

176 74.2 0.0 150.2

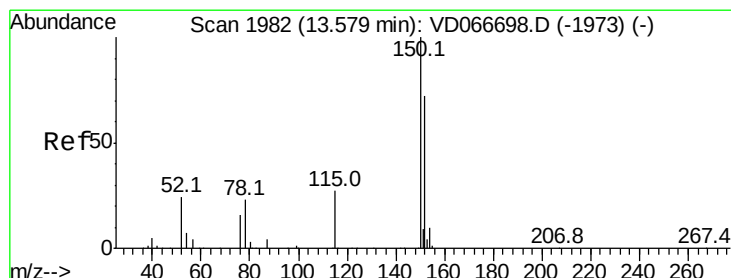
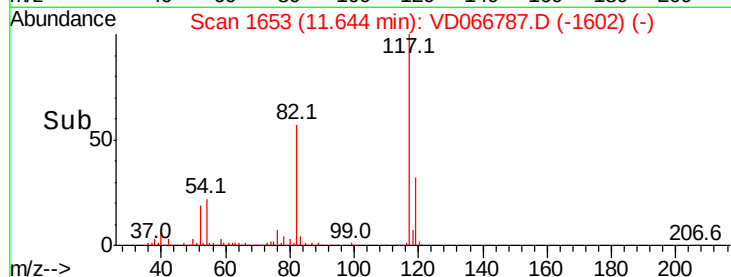
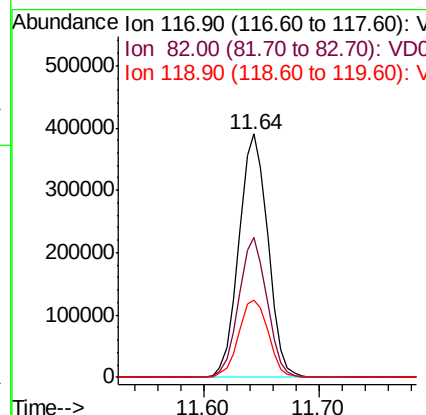
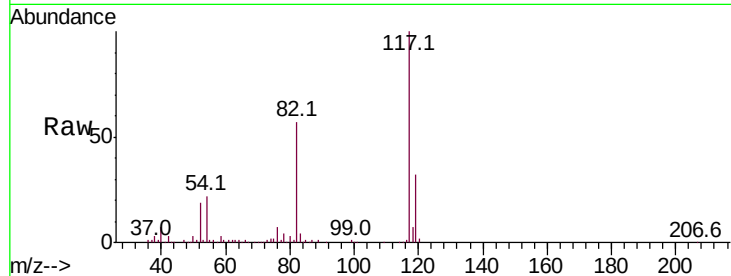




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

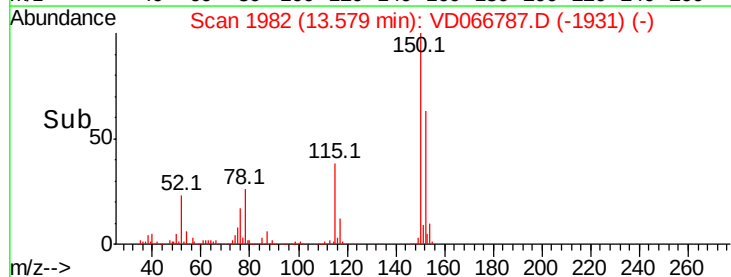
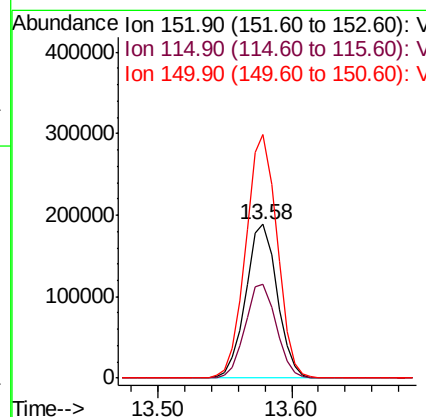
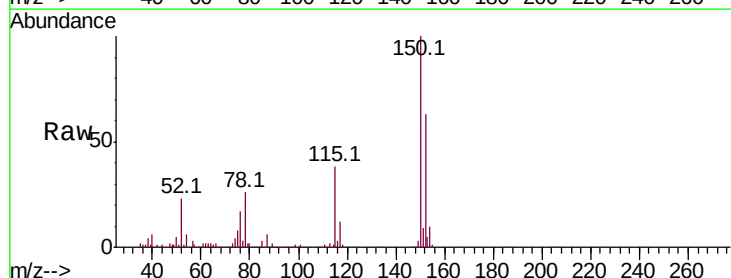
Instrument :
MSVOA_D
ClientSampleId :
SS-11

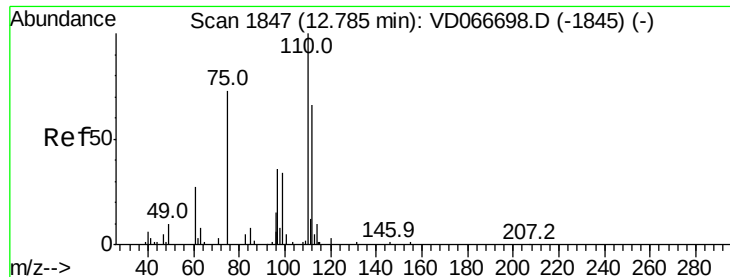
Tot Ion:117 Resp: 677769
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion:152 Resp: 307713
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 156.9 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 60.401 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066787.D

Acq: 21 Sep 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

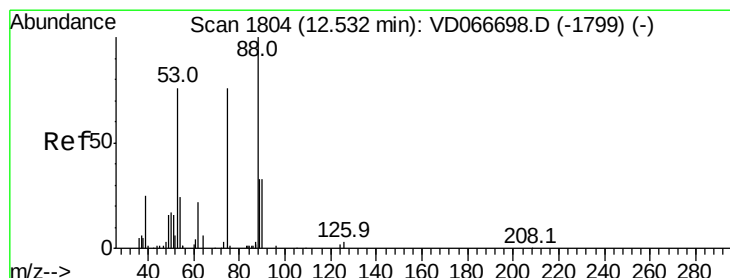
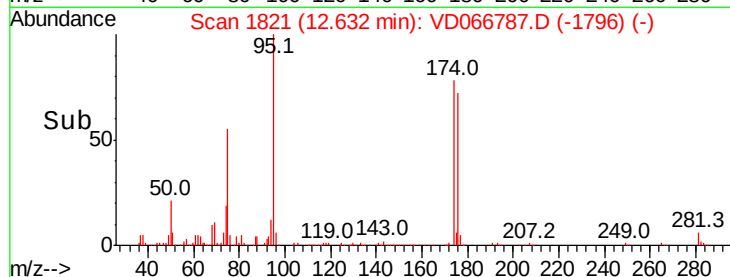
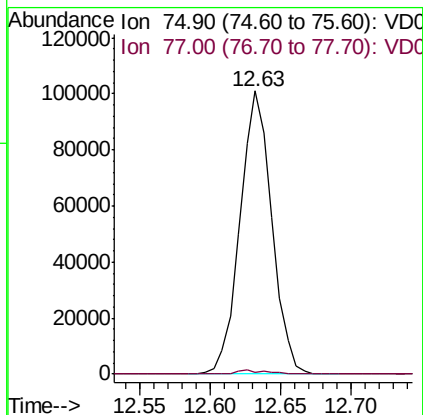
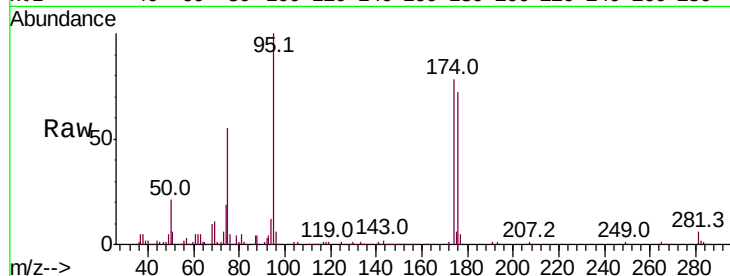
SS-11

Tot Ion: 75 Resp: 159090

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 130.356 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066787.D

Acq: 21 Sep 2020 17:15

Tgt Ion: 75 Resp: 159090

Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

89 0.0 39.6 59.4#

