

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066507.D
 Acq On : 01 Sep 2020 20:19
 Operator : VA/SY
 Sample : L3849-04
 Misc : 7.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 232

Quant Time: Sep 02 01:07:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	189380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	274779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	258821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	103439	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.91	113	86569	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.34	98	328272	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.63	95	116008	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

Target Compounds

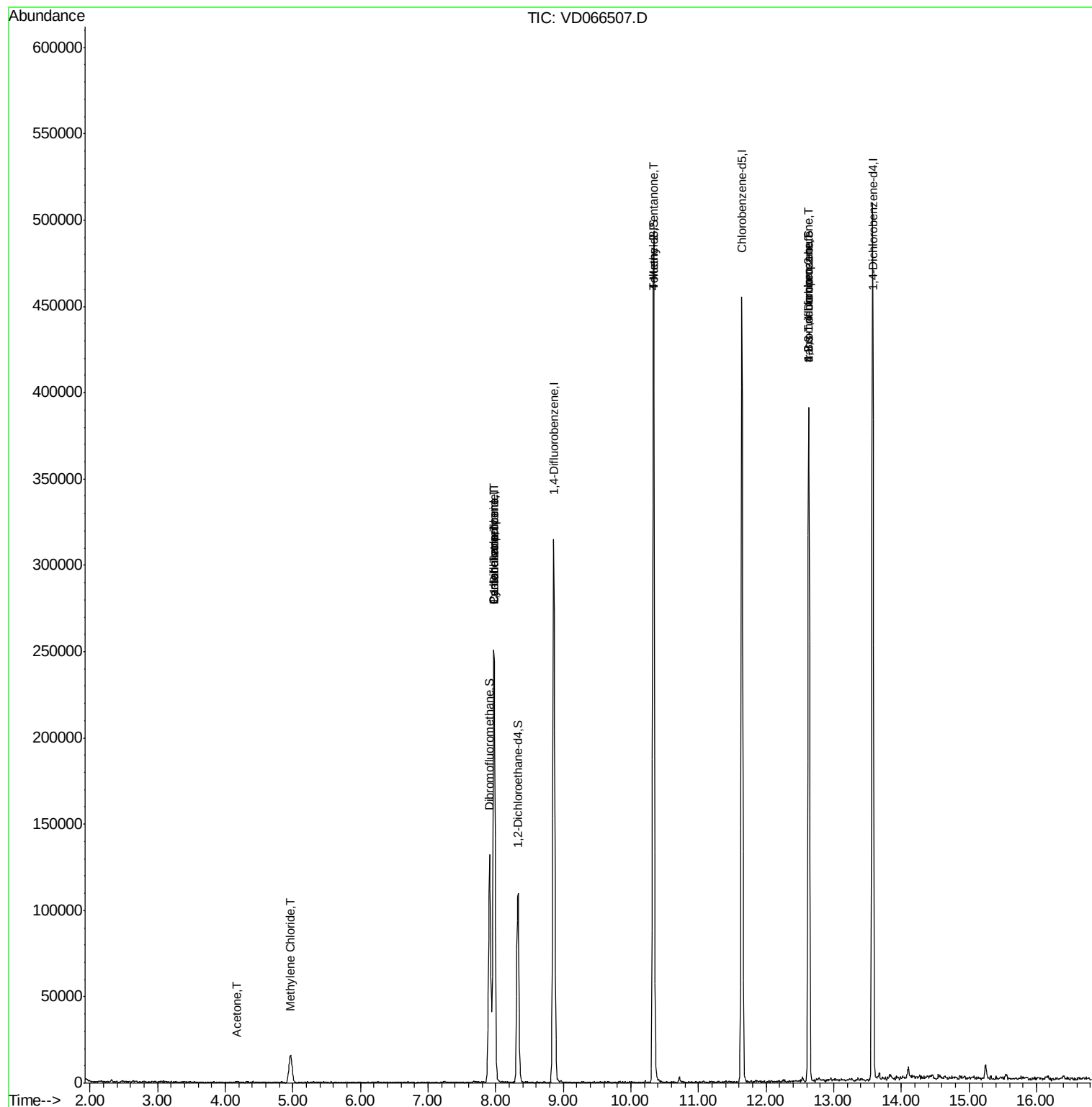
						Qvalue
16) Acetone	4.17	43	1022	3.053	ug/l #	46
20) Methylene Chloride	4.96	84	13393	1.323	ug/l #	84
31) Cyclohexane	7.97	56	3397	1.318	ug/l #	6
36) 1,1-Dichloropropene	7.97	75	12595	5.024	ug/l #	53
38) Carbon Tetrachloride	7.97	117	18186	5.567	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1329	1.605	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	65993	69.988	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	65993	148.563	ug/l #	6

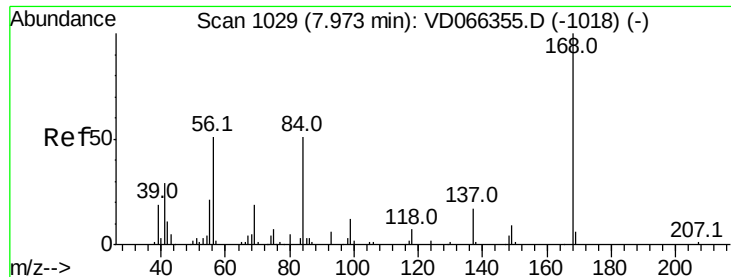
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
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Quant Time: Sep 02 01:07:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 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: VD066507.D

Acq: 01 Sep 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

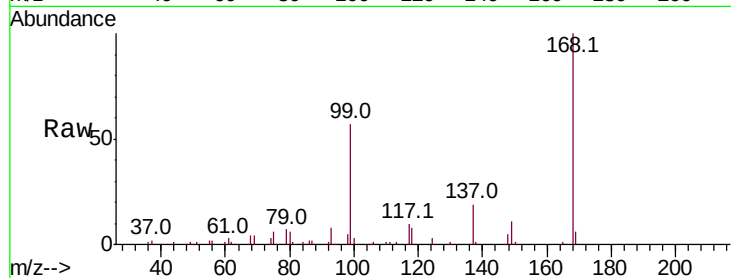
232

Tot Ion:168 Resp: 189380

Ion Ratio Lower Upper

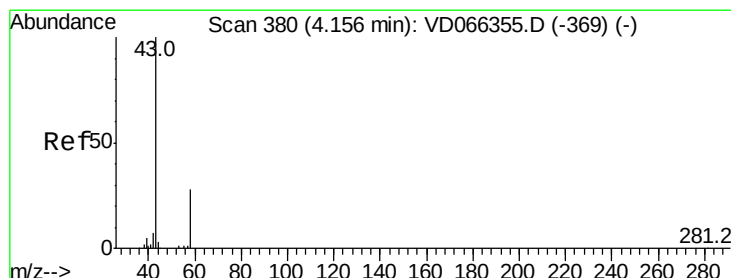
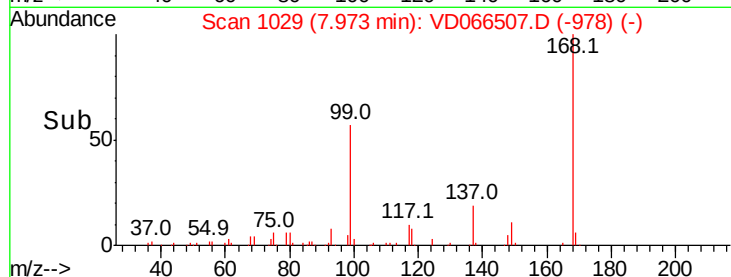
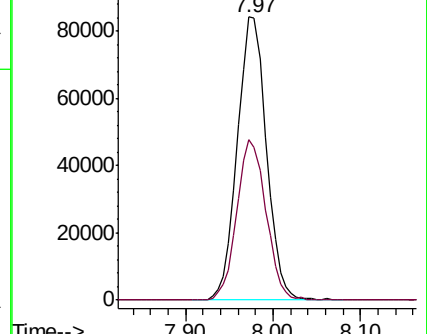
168 100

99 56.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 3.053 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066507.D

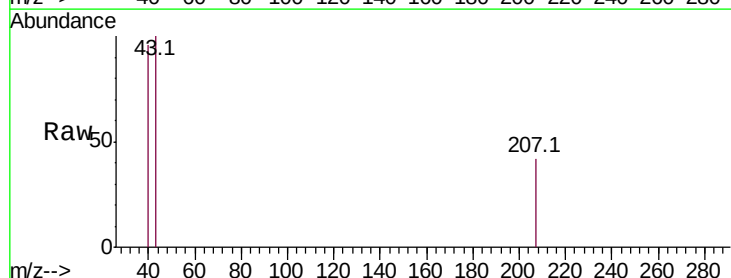
Acq: 01 Sep 2020 20:19

Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

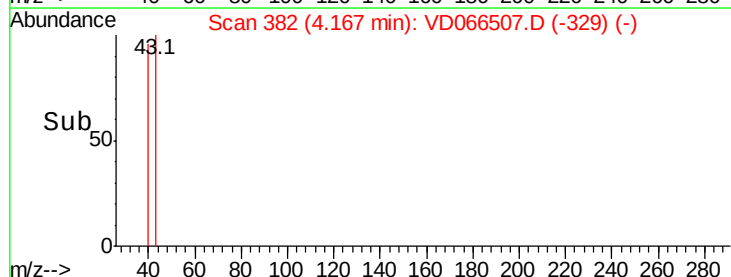
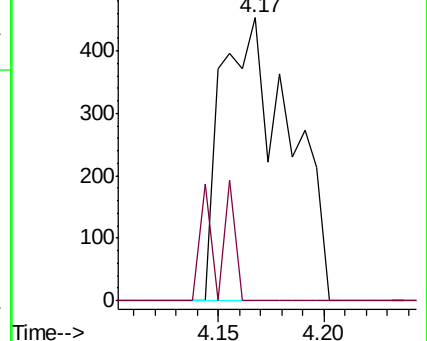
43 100

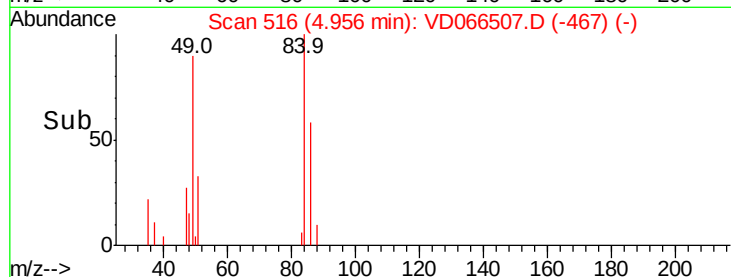
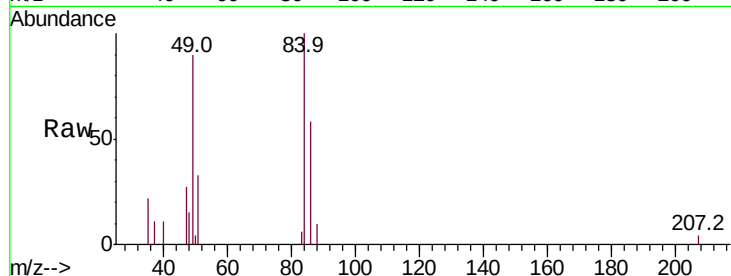
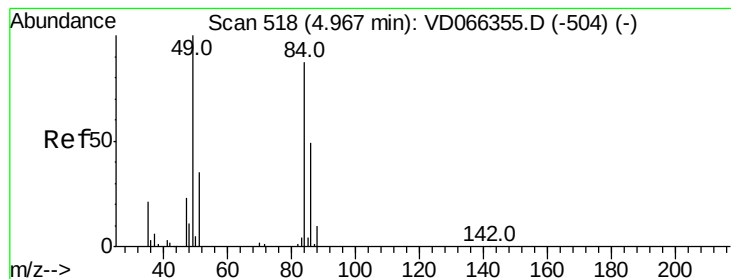
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 1.323 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

232

Tot Ion: 84 Resp: 13393

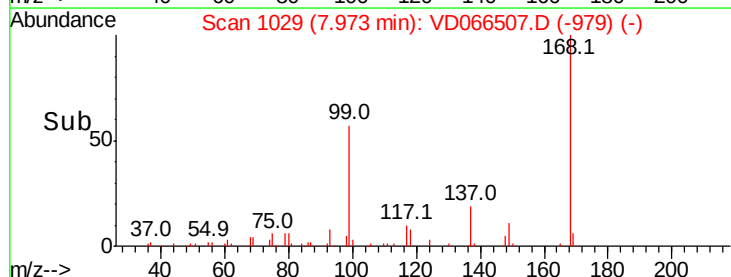
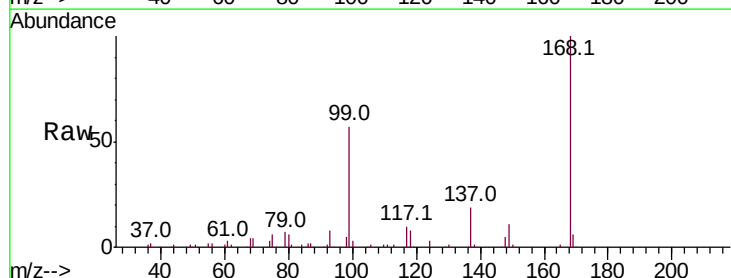
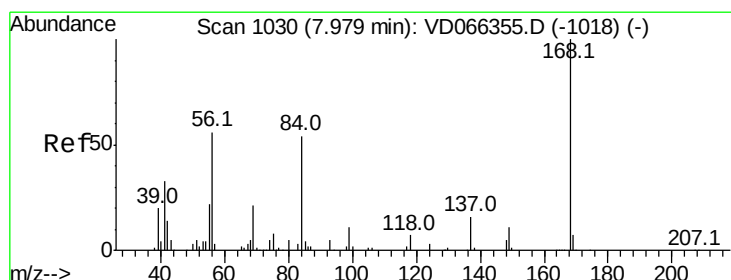
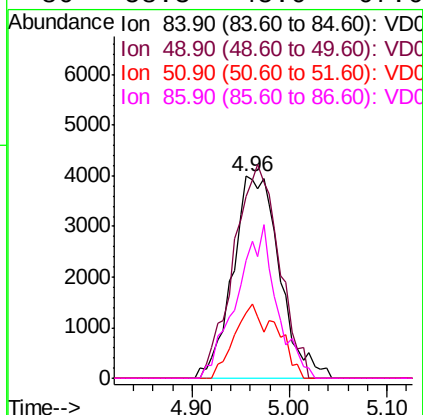
Ion Ratio Lower Upper

84 100

49 89.8 92.5 138.7#

51 32.6 32.5 48.7

86 58.3 45.0 67.6



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

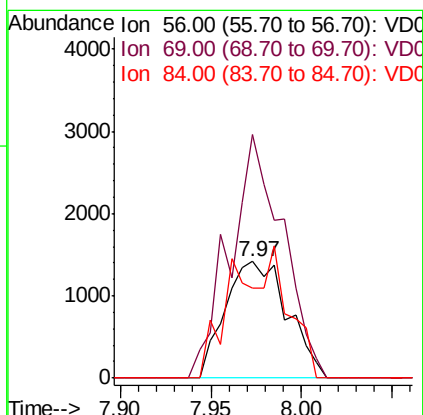
Tgt Ion: 56 Resp: 3397

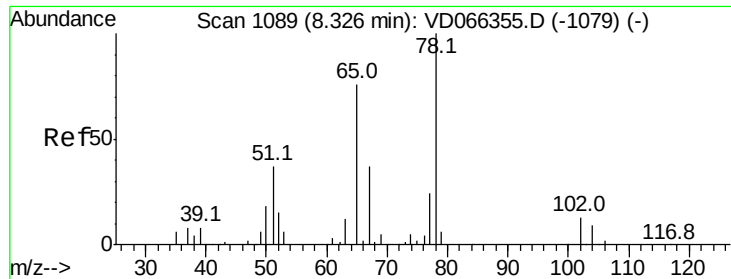
Ion Ratio Lower Upper

56 100

69 208.9 29.6 44.4#

84 77.2 76.6 115.0

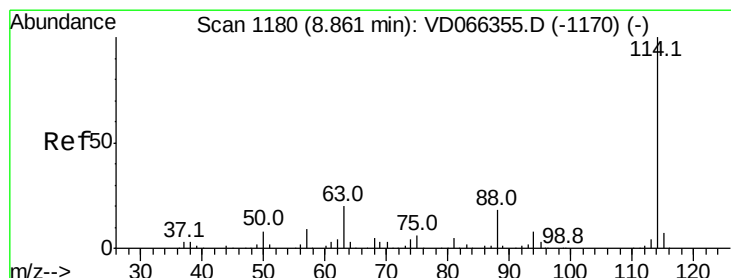
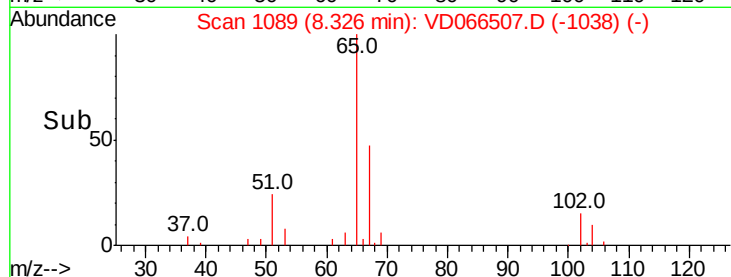
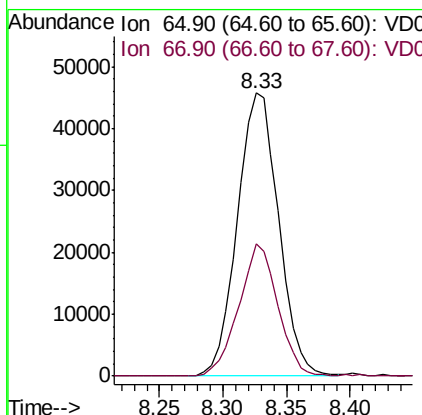
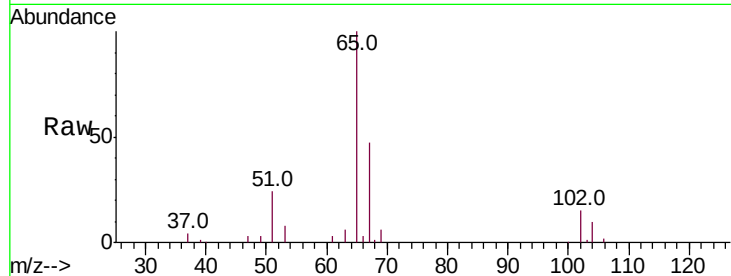




#33
 1,2-Dichloroethane-d4
 Concen: 55.712 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

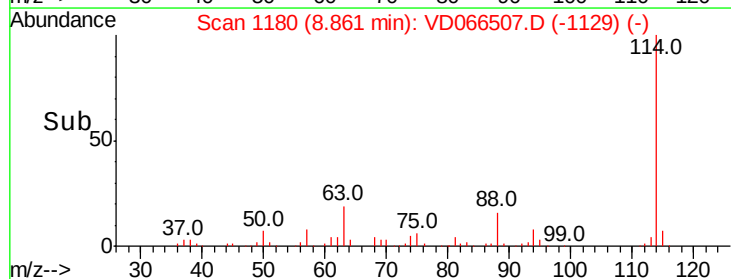
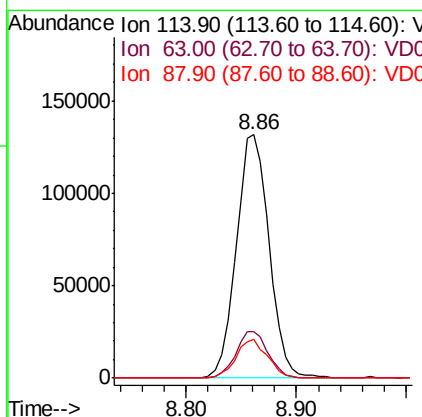
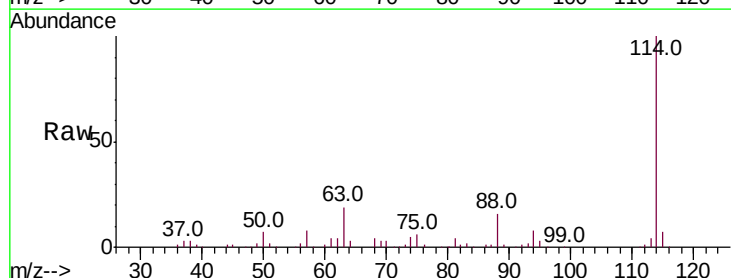
Instrument :
 MSVOA_D
 ClientSampleId :
 232

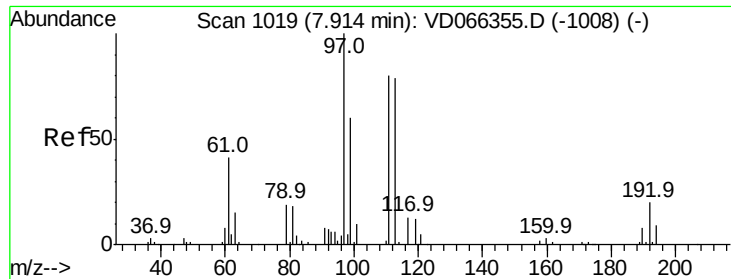
Tot Ion: 65 Resp: 103439
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

Tgt Ion: 114 Resp: 274779
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 15.8 0.0 35.4

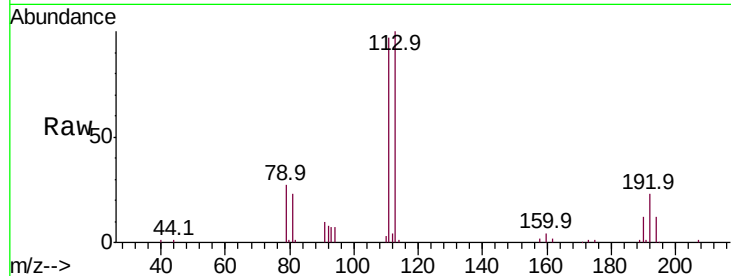




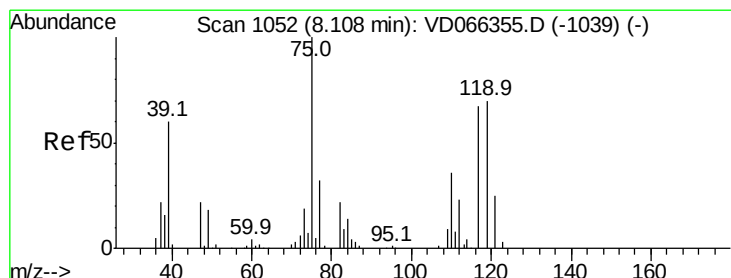
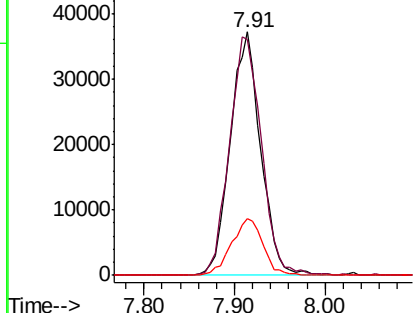
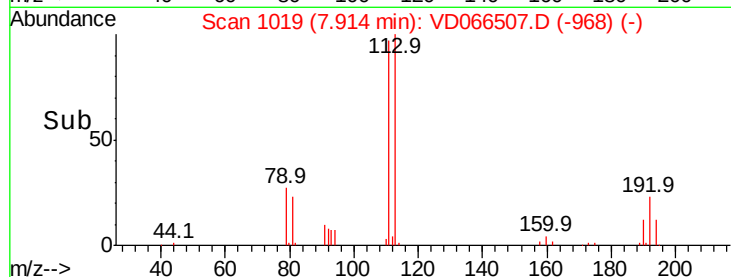
#35
 Dibromofluoromethane
 Concen: 50.383 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 232

Tot Ion:113 Resp: 86569
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.3 120.5
 192 24.1 19.0 28.6

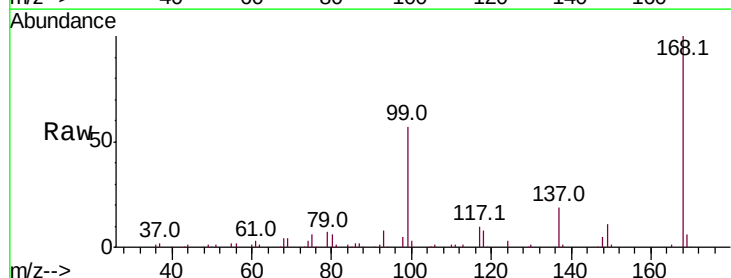


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

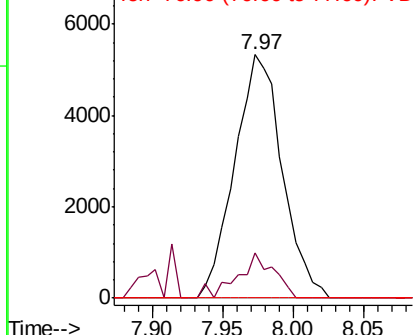
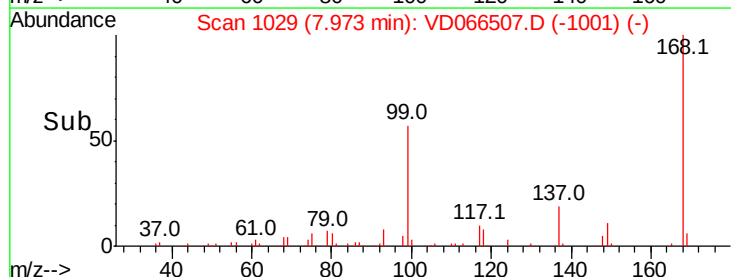


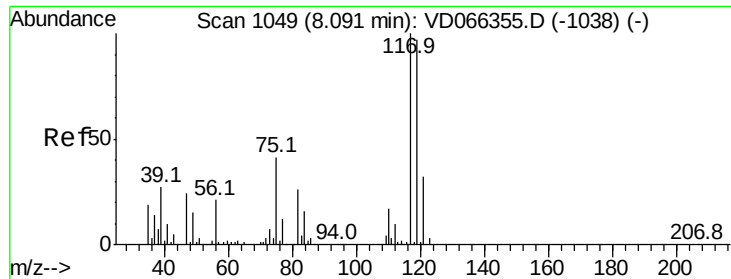
#36
 1,1-Dichloropropene
 Concen: 5.024 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066507.D
 Acq: 01 Sep 2020 20:19

Tgt Ion: 75 Resp: 12595
 Ion Ratio Lower Upper
 75 100
 110 14.1 18.7 56.1#
 77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

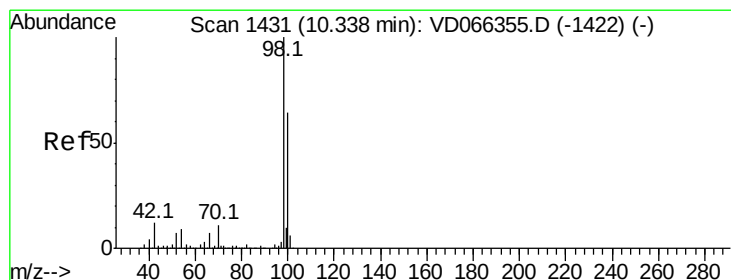
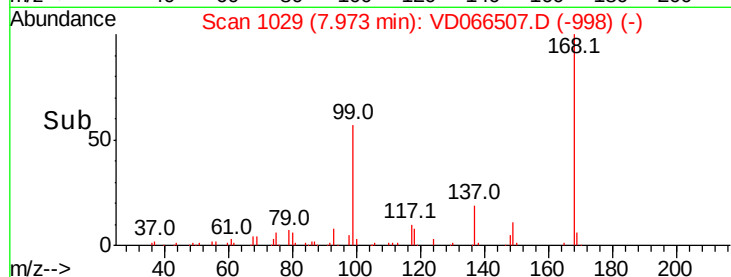
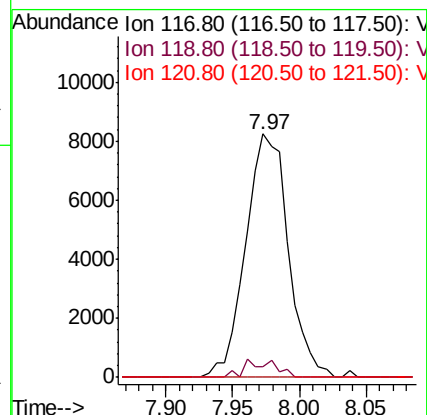
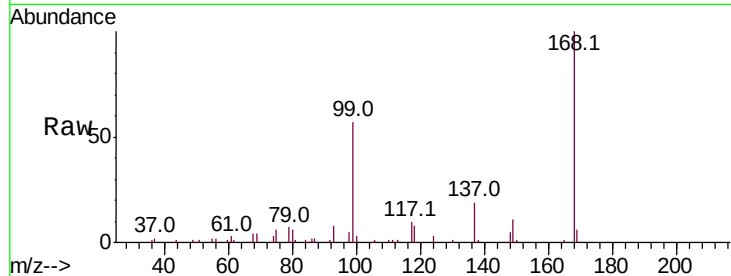




#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

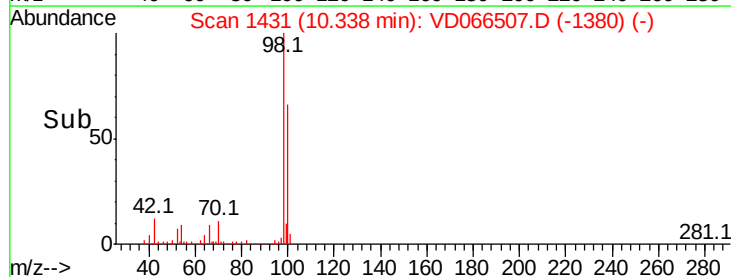
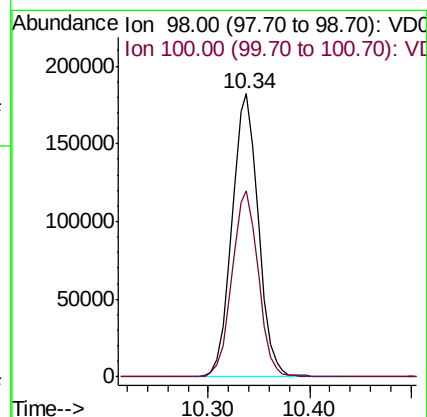
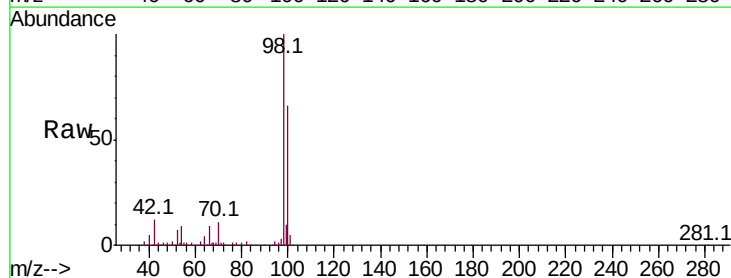
Instrument :
MSVOA_D
ClientSampleId :
232

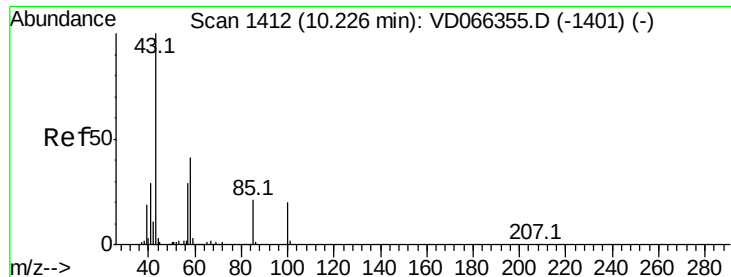
Tot Ion:117 Resp: 18186
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.217 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

Tgt Ion: 98 Resp: 328272
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 1.605 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

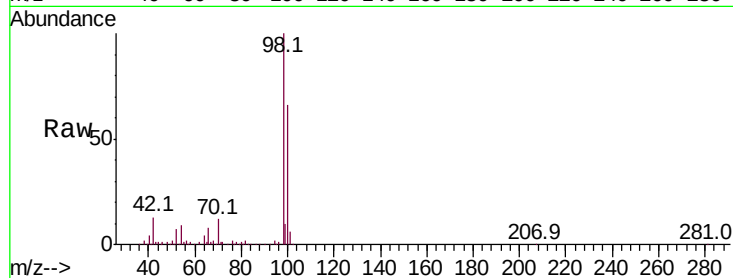
232

Tot Ion: 43 Resp: 1329

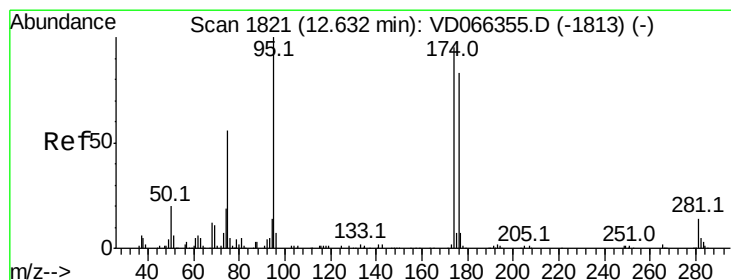
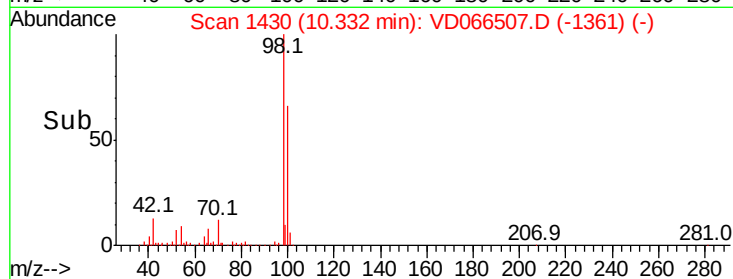
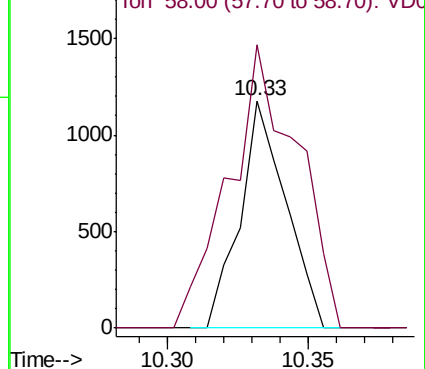
Ion Ratio Lower Upper

43 100

58 184.7 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#62

4-Bromofluorobenzene

Concen: 52.003 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

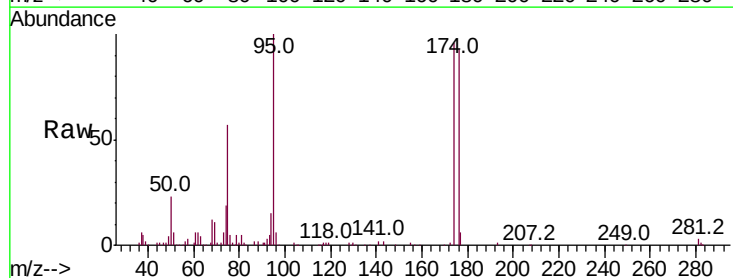
Tgt Ion: 95 Resp: 116008

Ion Ratio Lower Upper

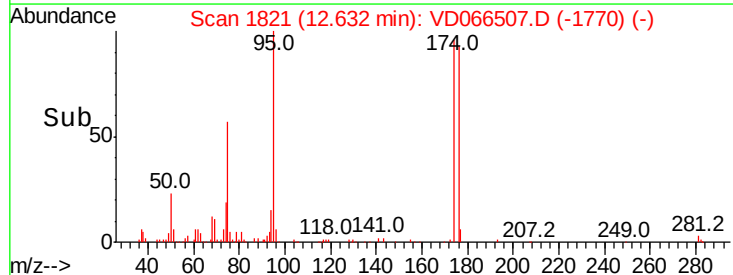
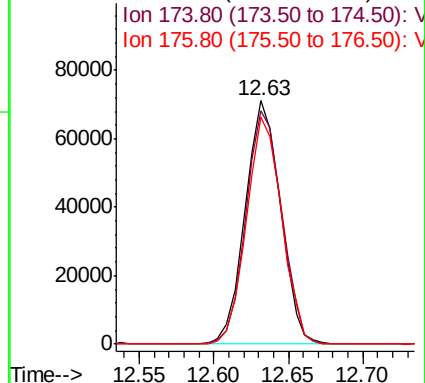
95 100

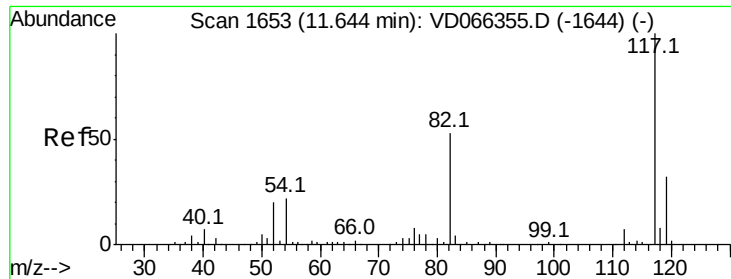
174 97.8 0.0 183.4

176 93.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

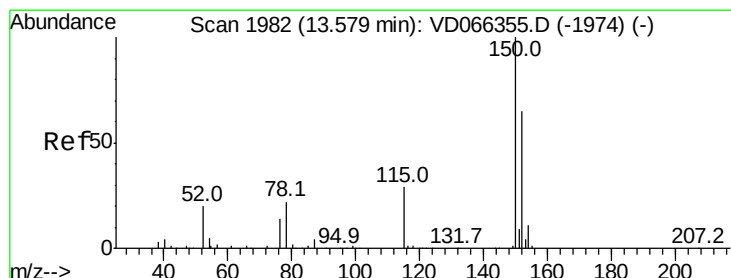
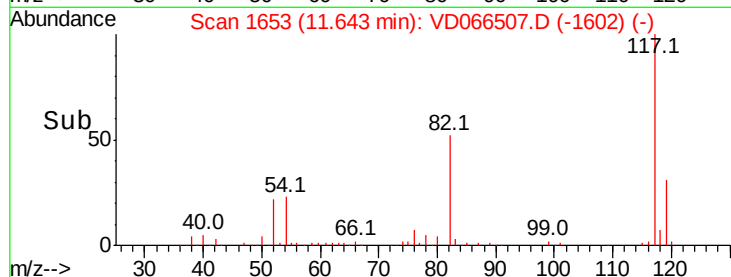
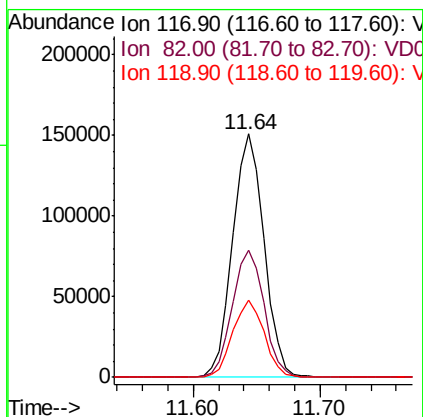
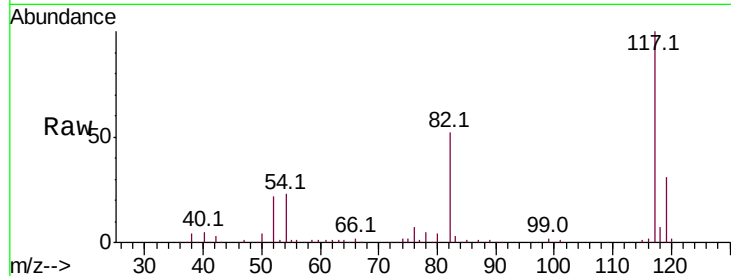




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

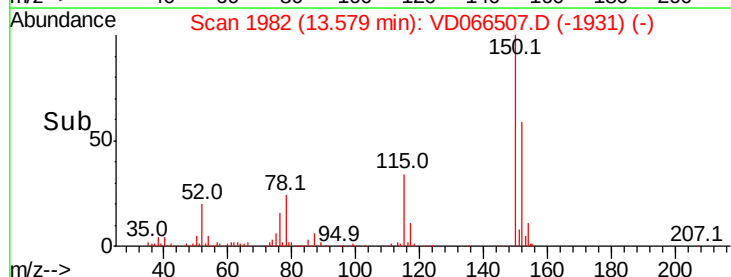
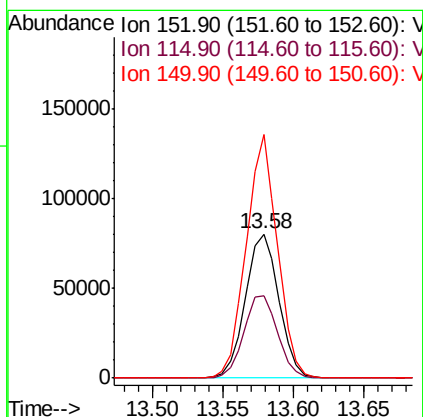
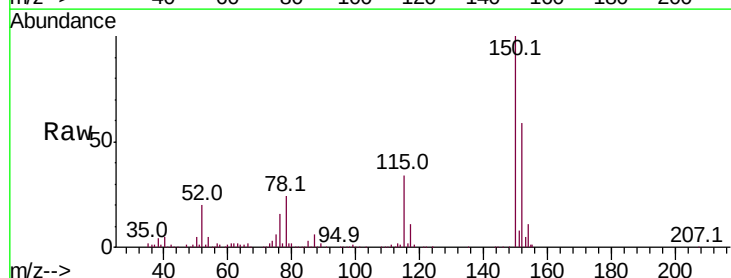
Instrument :
MSVOA_D
ClientSampled :
232

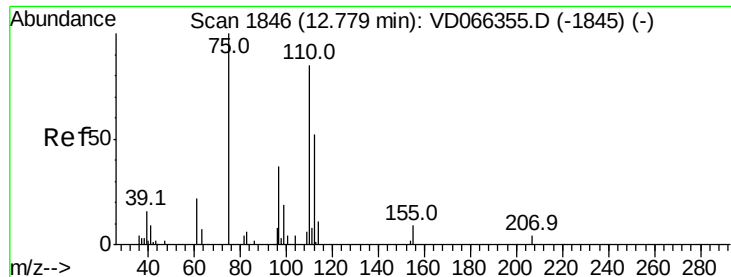
Tot Ion:117 Resp: 258821
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066507.D
Acq: 01 Sep 2020 20:19

Tgt Ion:152 Resp: 134031
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 156.8 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 69.988 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

Instrument :

MSVOA_D

ClientSampleId :

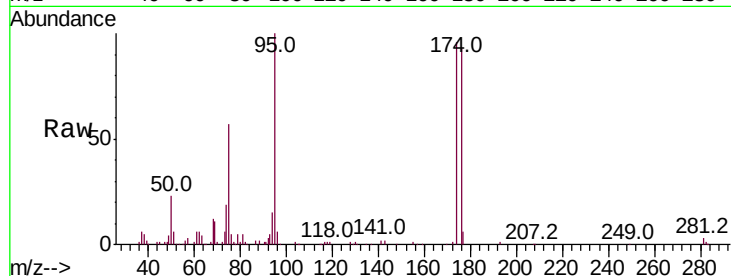
232

Tot Ion: 75 Resp: 65993

Ion Ratio Lower Upper

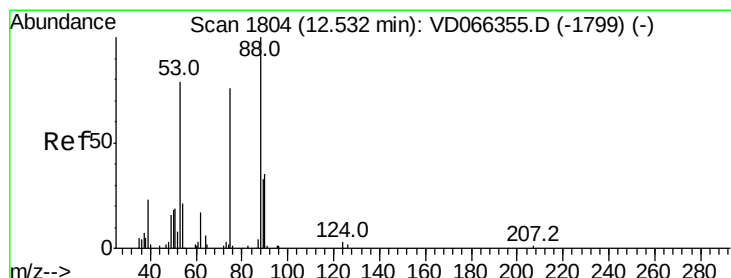
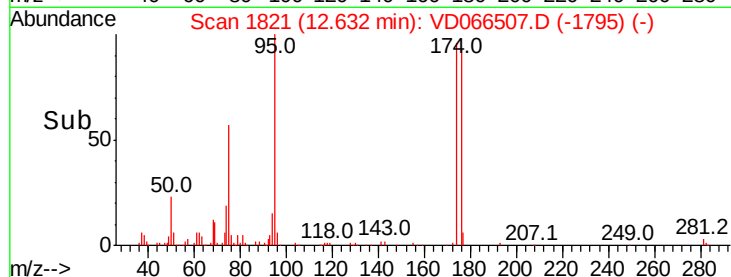
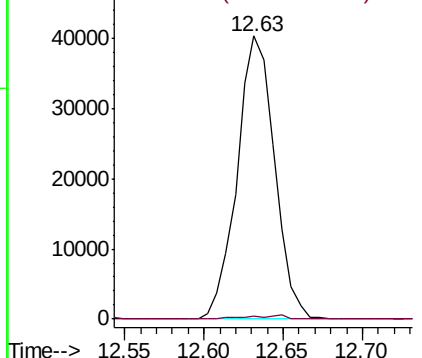
75 100

77 1.3 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 148.563 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066507.D

Acq: 01 Sep 2020 20:19

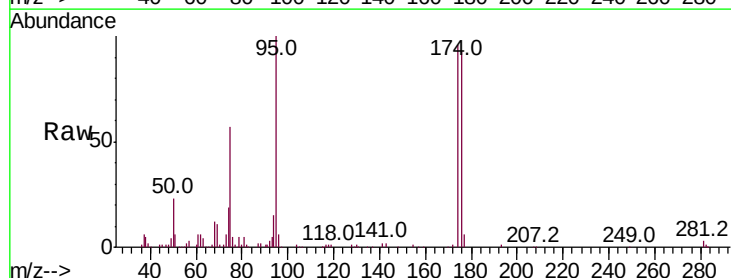
Tgt Ion: 75 Resp: 65993

Ion Ratio Lower Upper

75 100

53 0.2 87.4 131.2#

89 0.1 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

