

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066499.D
 Acq On : 01 Sep 2020 16:39
 Operator : VA/SY
 Sample : L3851-07
 Misc : 7.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20058

Quant Time: Sep 02 01:06:50 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	7.98	168	165112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	233166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	211851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	106588	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	90052	55.63	ug/l	0.00
Spiked Amount			Recovery	=	111.26%	
35) Dibromofluoromethane	7.91	113	72550	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.34	98	270402	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.63	95	91330	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

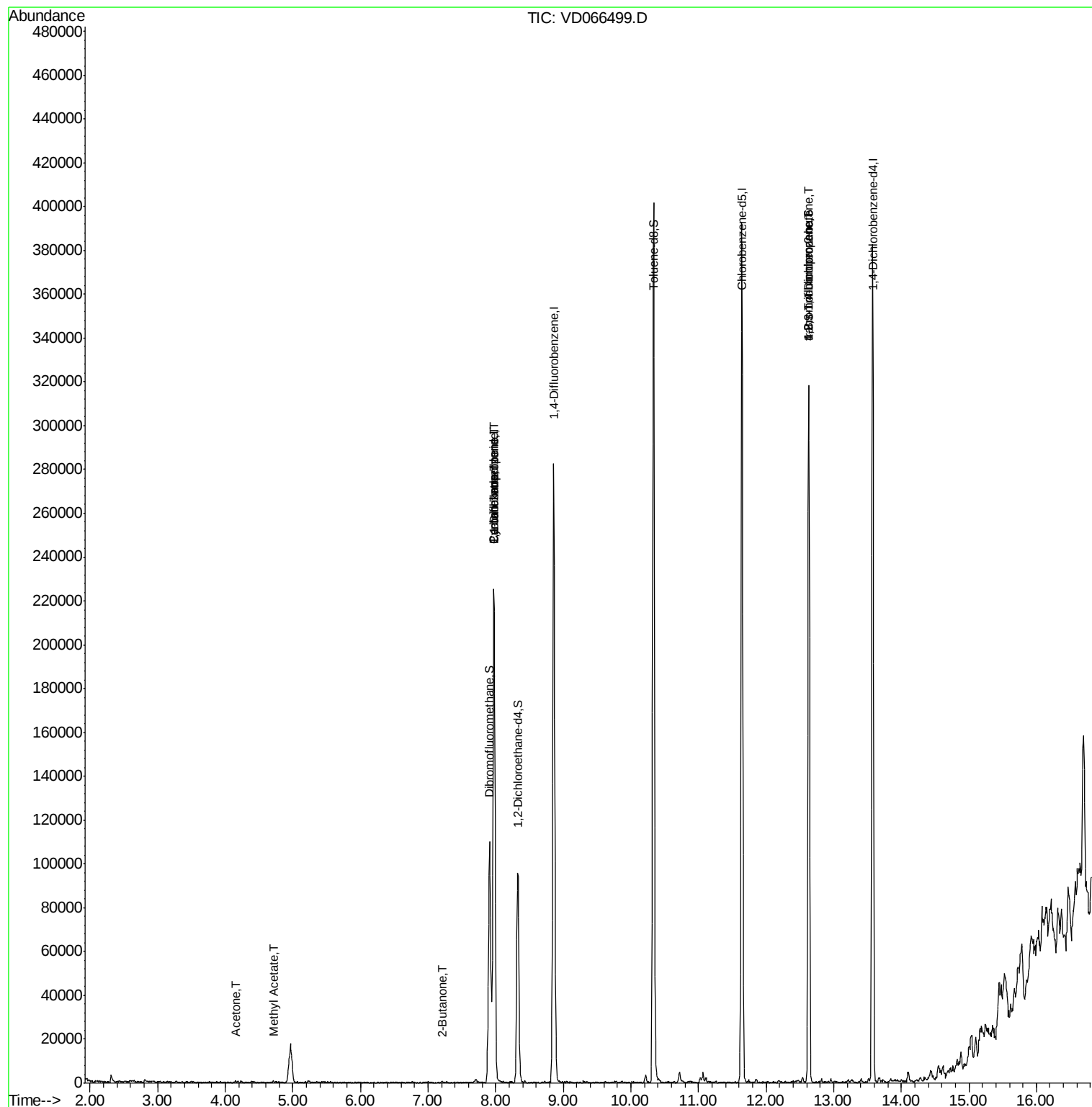
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	890	Below Cal	#	71
16) Acetone	4.15	43	478	1.638	ug/l #	46
18) Methyl Acetate	4.71	43	872	1.592	ug/l #	65
20) Methylene Chloride	4.96	84	6917	Below Cal		93
25) 2-Butanone	7.21	43	448	1.352	ug/l #	47
31) Cyclohexane	7.98	56	3393	1.510	ug/l #	39
36) 1,1-Dichloropropene	7.97	75	10873	5.111	ug/l #	50
38) Carbon Tetrachloride	7.98	117	16801	6.061	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	54821	73.109	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	54821	155.187	ug/l #	6

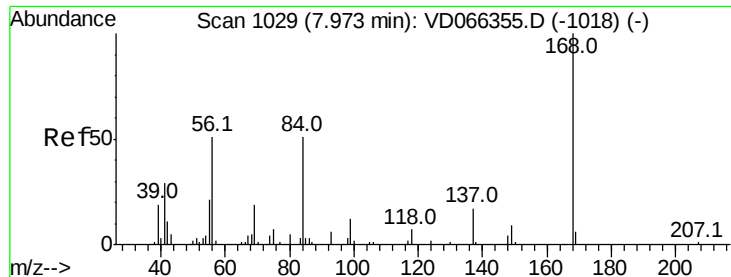
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
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20058

Quant Time: Sep 02 01:06:50 2020
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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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

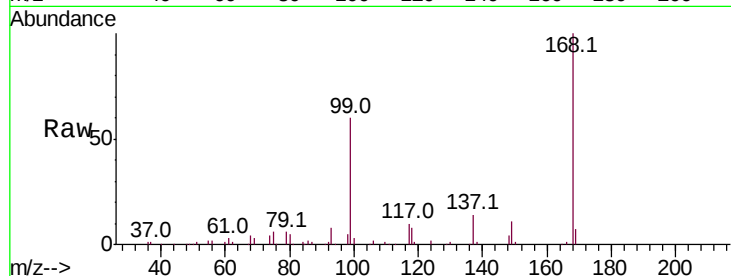
20058

Tot Ion:168 Resp: 165112

Ion Ratio Lower Upper

168 100

99 59.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

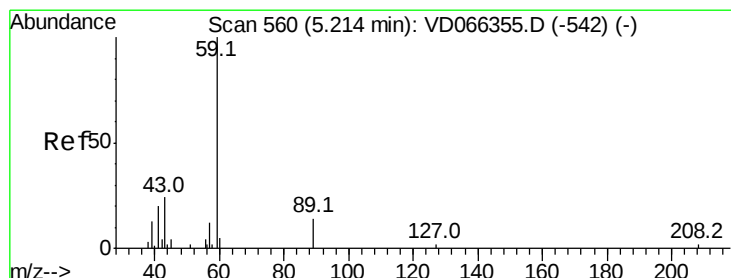
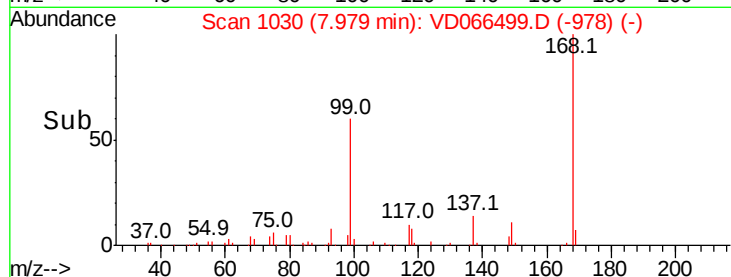
40000

20000

0

Time-->

7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066499.D

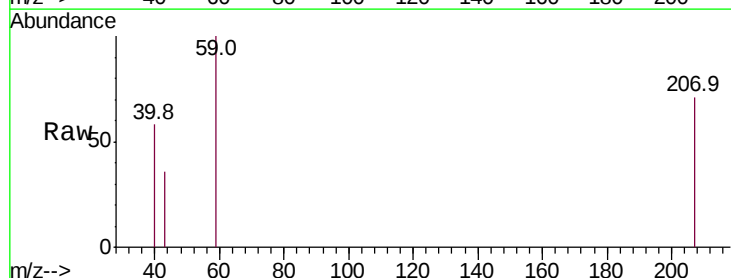
Acq: 01 Sep 2020 16:39

Tgt Ion: 59 Resp: 890

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.23

500

400

300

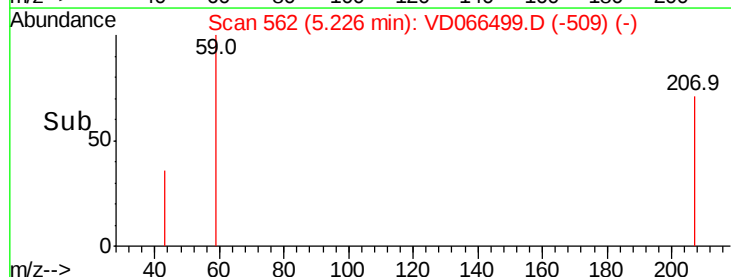
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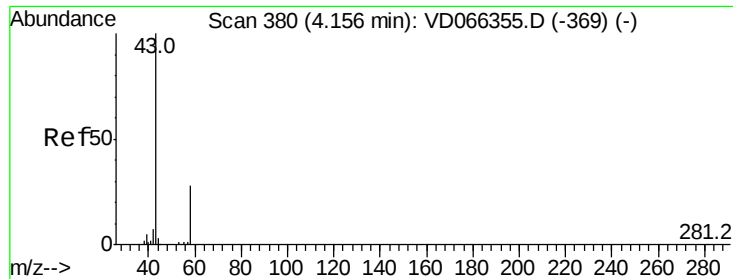
100

0

Time-->

5.20 5.25





#16

Acetone

Concen: 1.638 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

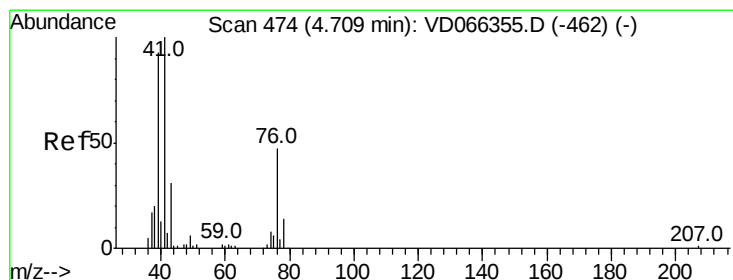
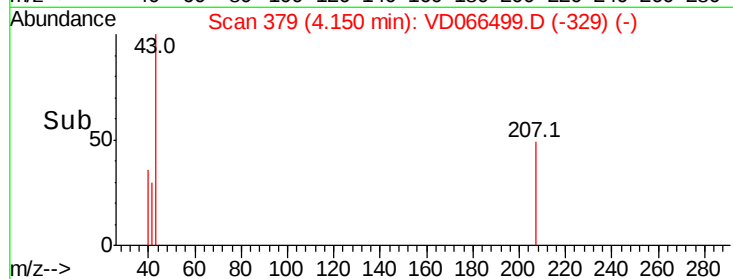
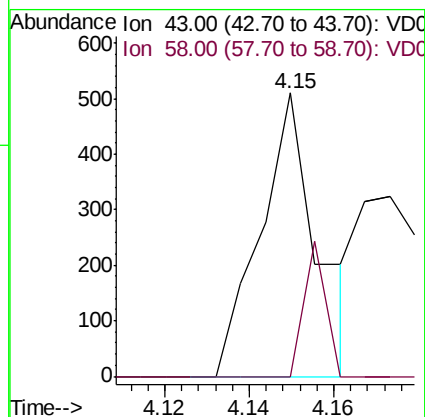
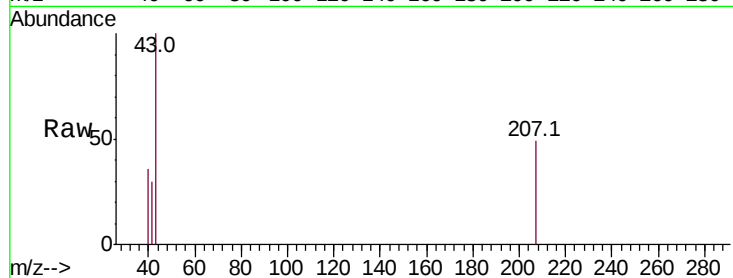
20058

Tot Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#18

Methyl Acetate

Concen: 1.592 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066499.D

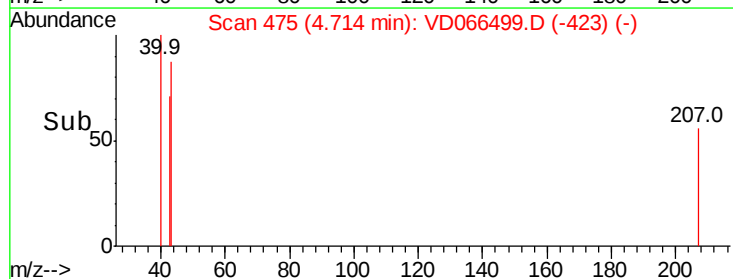
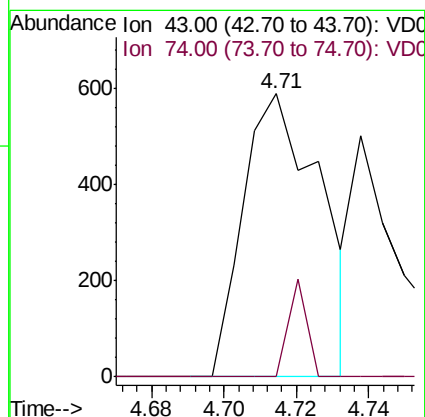
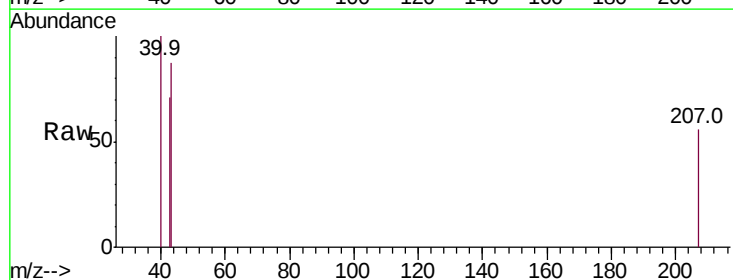
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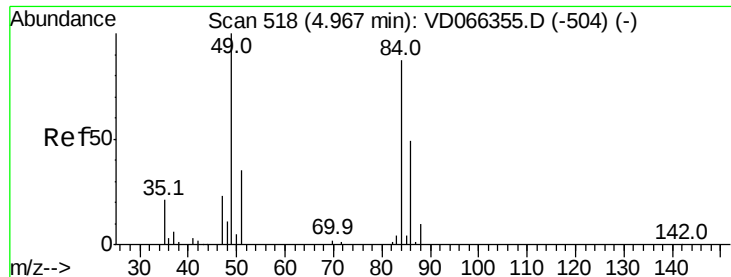
Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

74 8.3 21.0 31.6#

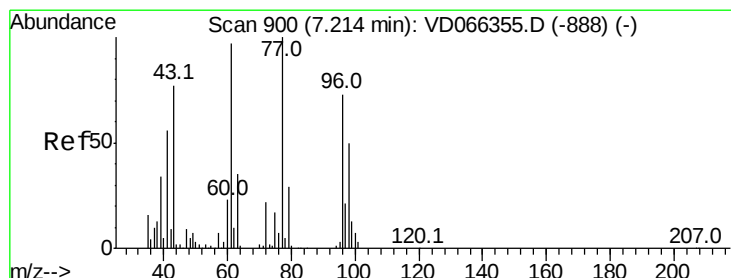
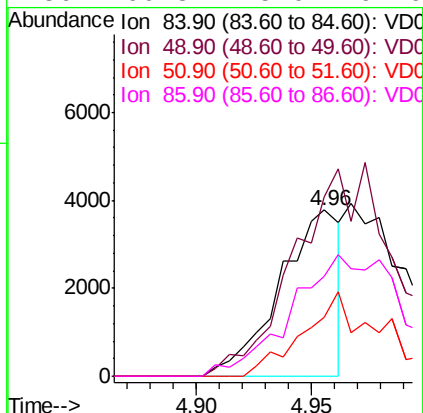
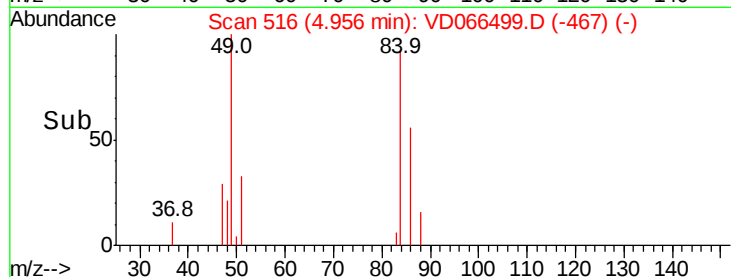
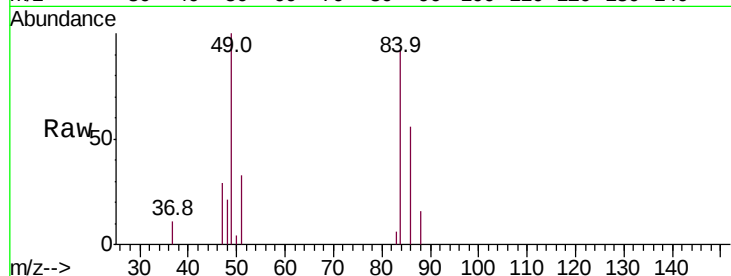




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066499.D
Acq: 01 Sep 2020 16:39

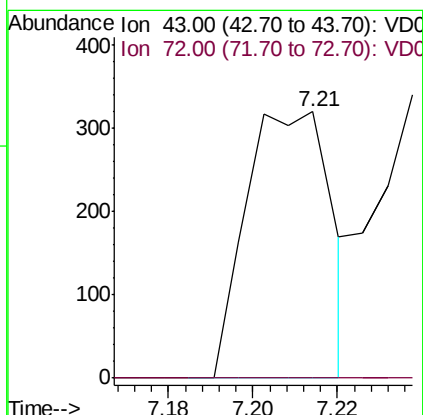
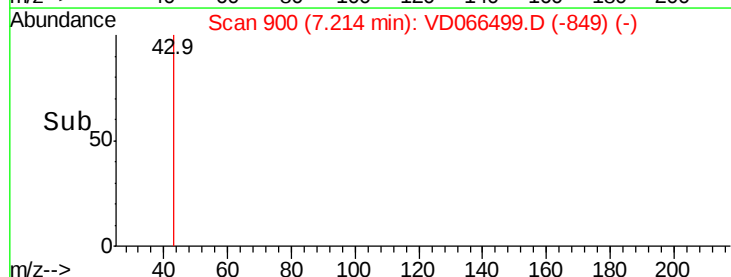
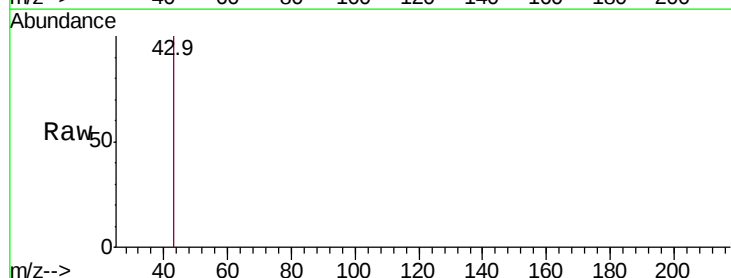
Instrument :
MSVOA_D
ClientSampleId :
20058

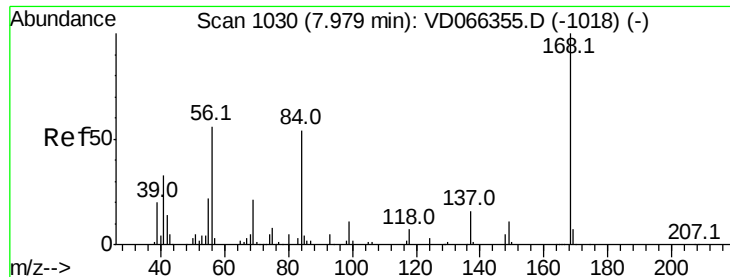
Tot Ion: 84 Resp: 6917
Ion Ratio Lower Upper
84 100
49 108.3 92.5 138.7
51 35.3 32.5 48.7
86 60.3 45.0 67.6



#25
2-Butanone
Concen: 1.352 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066499.D
Acq: 01 Sep 2020 16:39

Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
72 0.0 22.5 33.7#

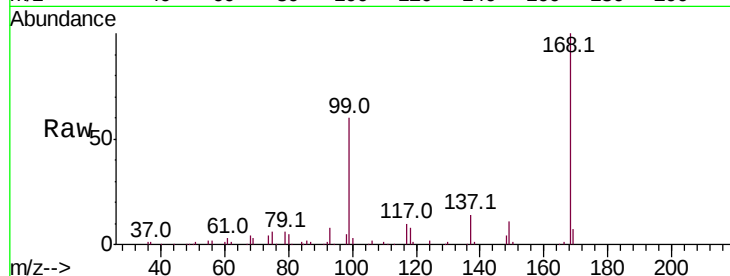




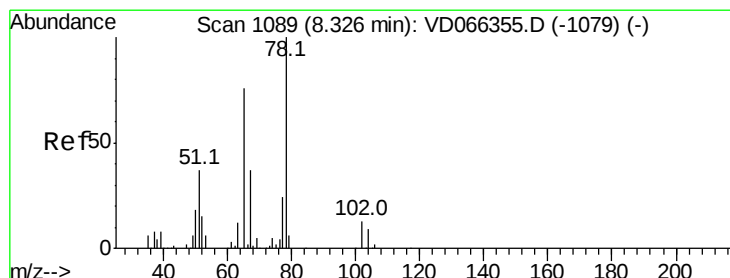
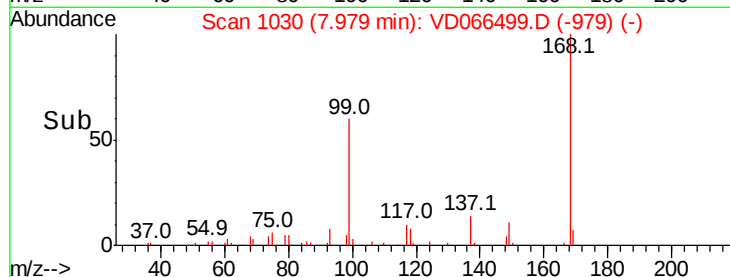
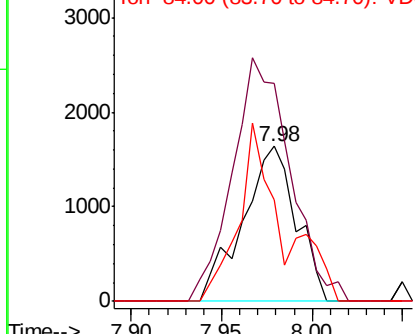
#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066499.D
Acq: 01 Sep 2020 16:39

Instrument :
MSVOA_D
ClientSampleId :
20058

Tot Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 140.6 29.6 44.4#
84 78.8 76.6 115.0

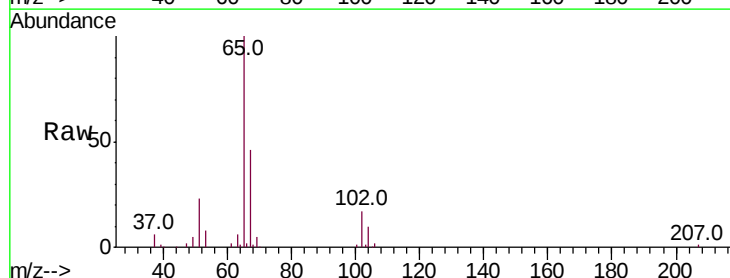


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

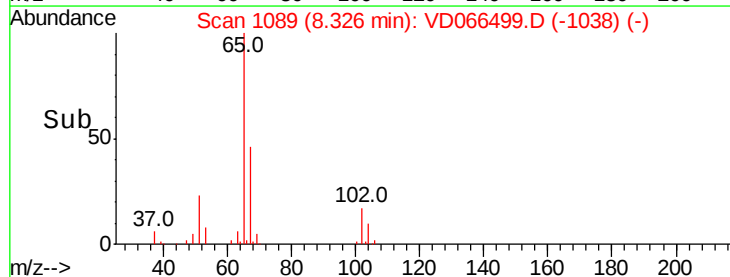
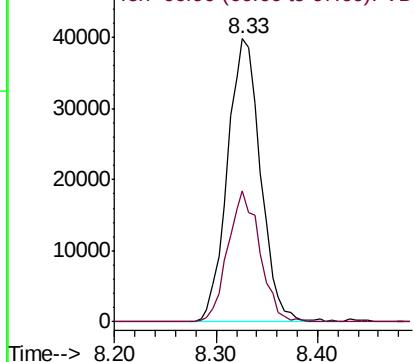


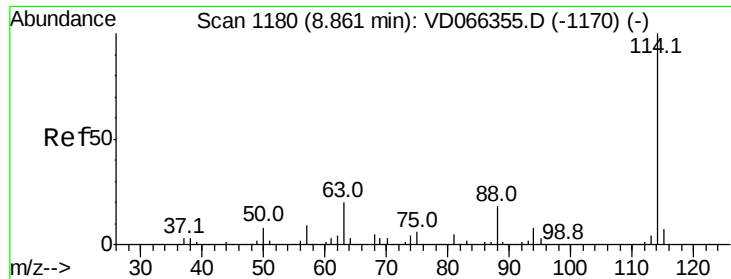
#33
1,2-Dichloroethane-d4
Concen: 55.631 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066499.D
Acq: 01 Sep 2020 16:39

Tgt Ion: 65 Resp: 90052
Ion Ratio Lower Upper
65 100
67 44.9 0.0 101.6



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

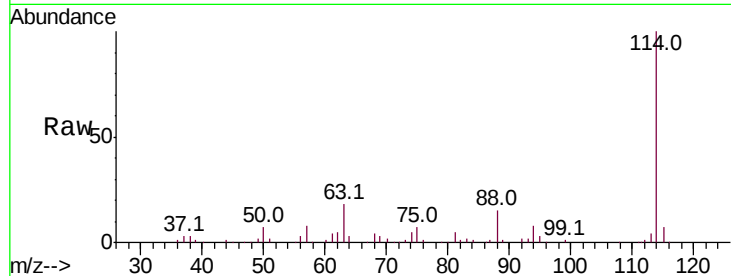




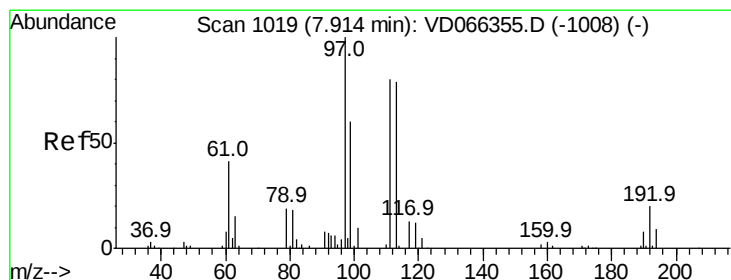
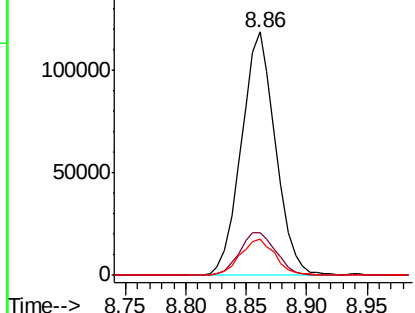
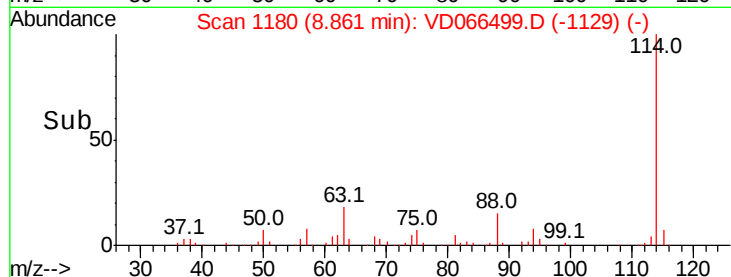
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066499.D
 Acq: 01 Sep 2020 16:39

Instrument :
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 ClientSampleId :
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Tot Ion:114 Resp: 233166
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.8
 88 14.7 0.0 35.4

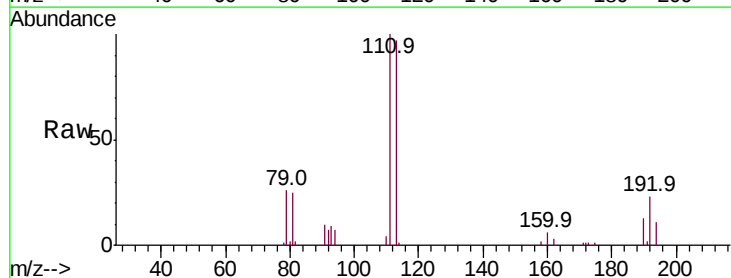


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

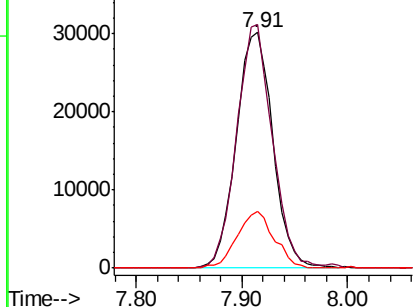
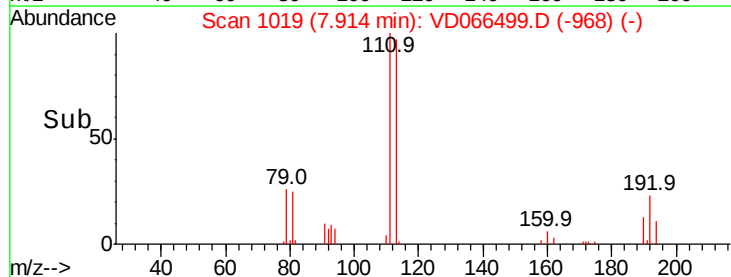


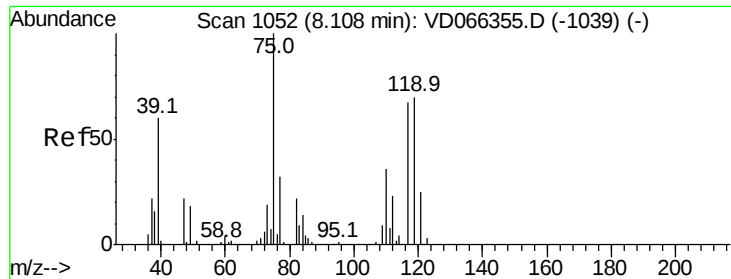
#35
 Dibromofluoromethane
 Concen: 49.760 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066499.D
 Acq: 01 Sep 2020 16:39

Tgt Ion:113 Resp: 72550
 Ion Ratio Lower Upper
 113 100
 111 101.1 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: 5.111 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

20058

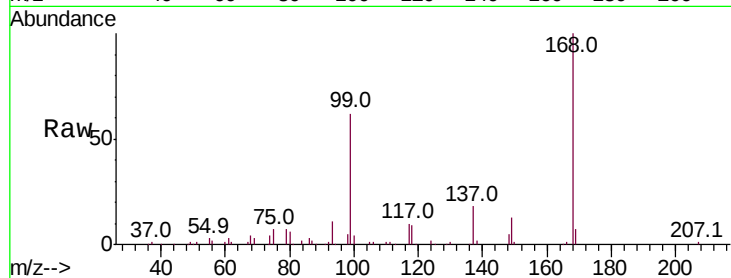
Tot Ion: 75 Resp: 10873

Ion Ratio Lower Upper

75 100

110 10.8 18.7 56.1#

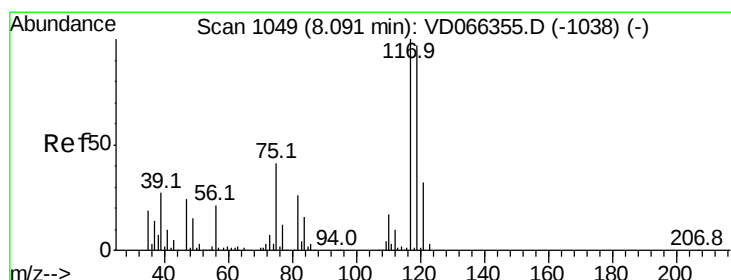
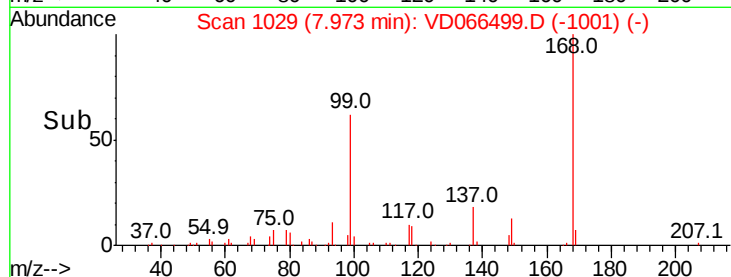
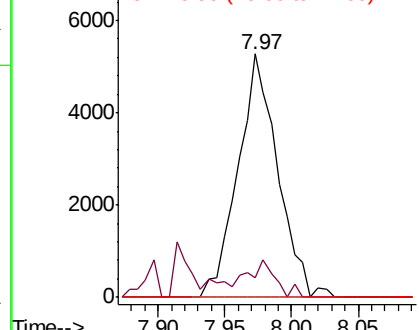
77 0.0 25.2 37.8#



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: 6.061 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

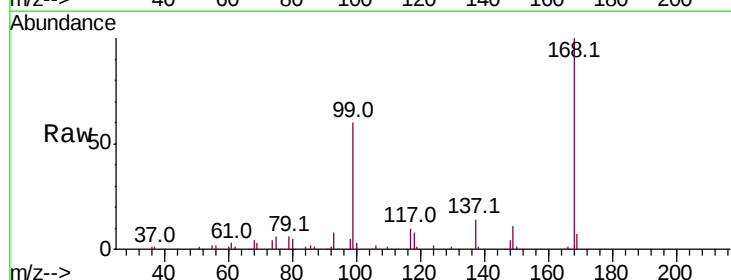
Tgt Ion: 117 Resp: 16801

Ion Ratio Lower Upper

117 100

119 6.4 77.2 115.8#

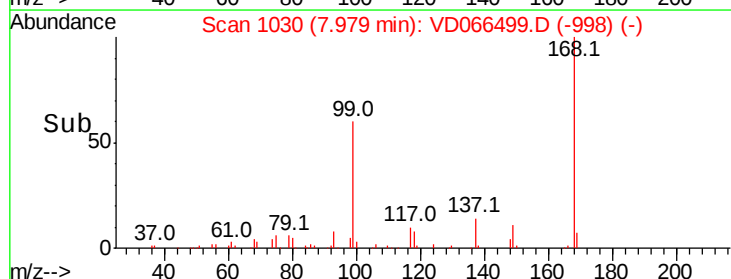
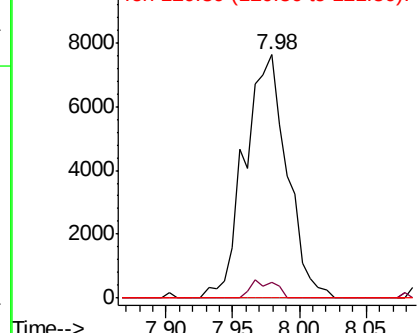
121 0.0 25.8 38.8#

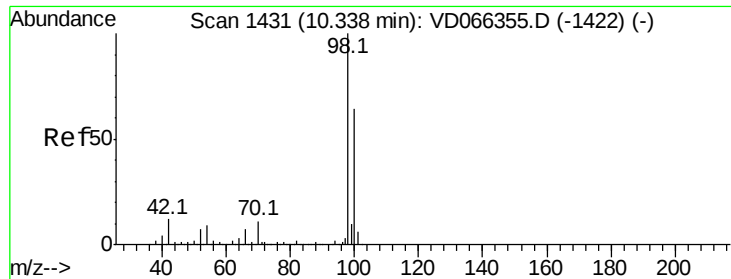


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.688 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

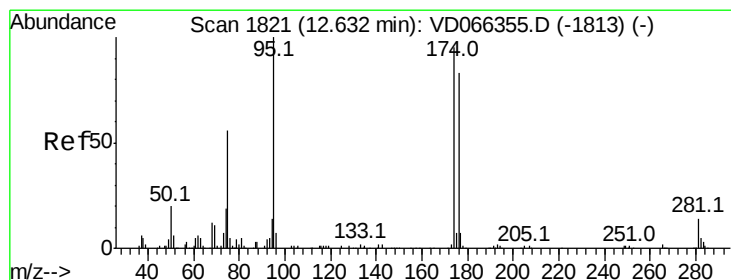
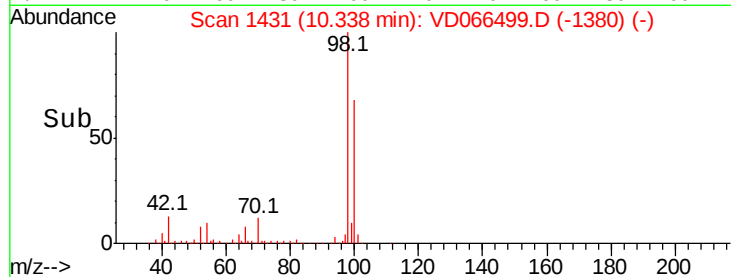
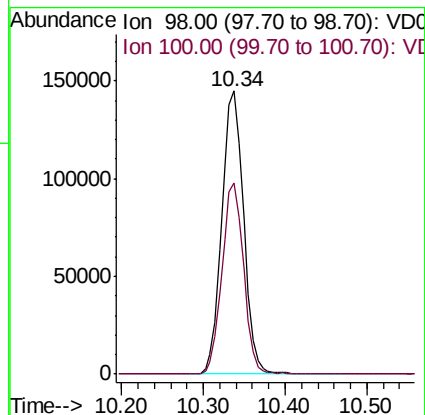
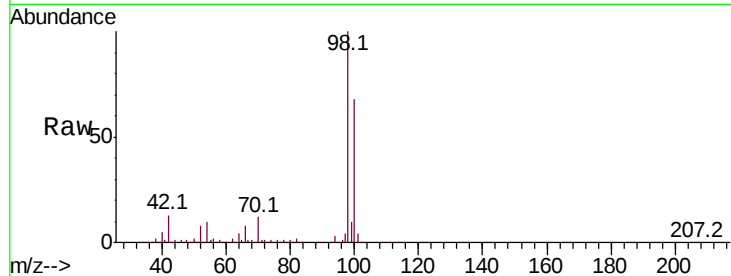
20058

Tot Ion: 98 Resp: 270402

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.247 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

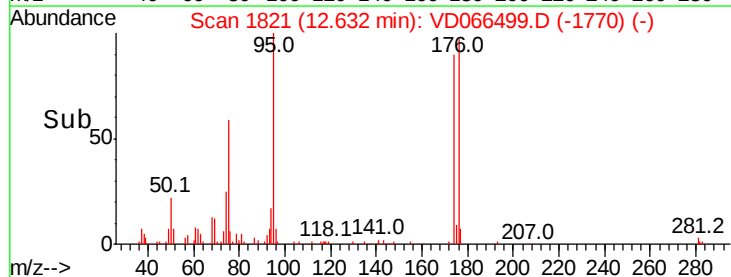
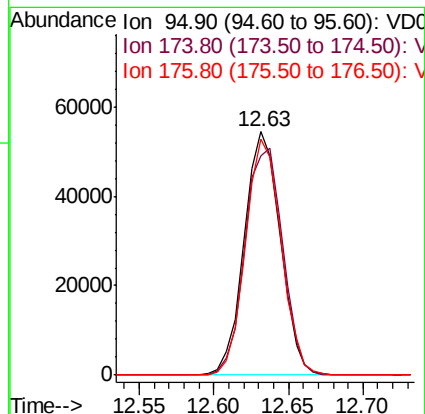
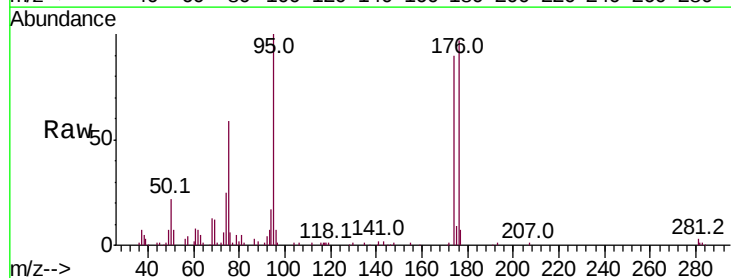
Tgt Ion: 95 Resp: 91330

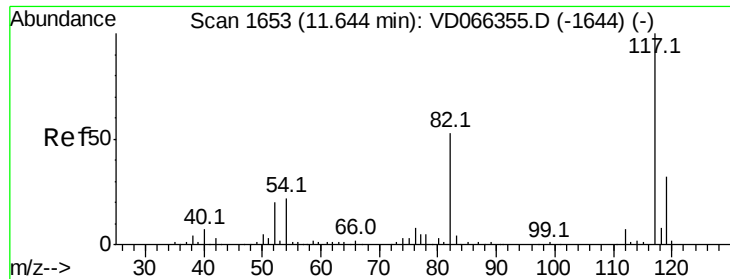
Ion Ratio Lower Upper

95 100

174 97.2 0.0 183.4

176 95.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

20058

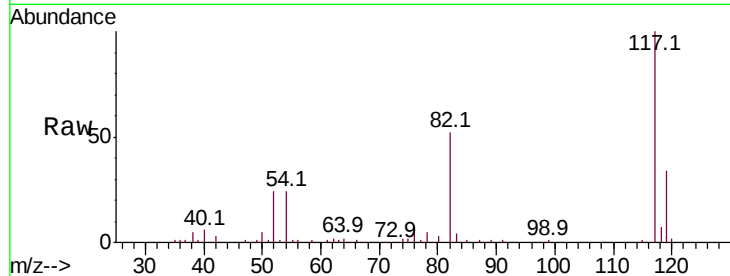
Tot Ion:117 Resp: 211851

Ion Ratio Lower Upper

117 100

82 52.0 42.8 64.2

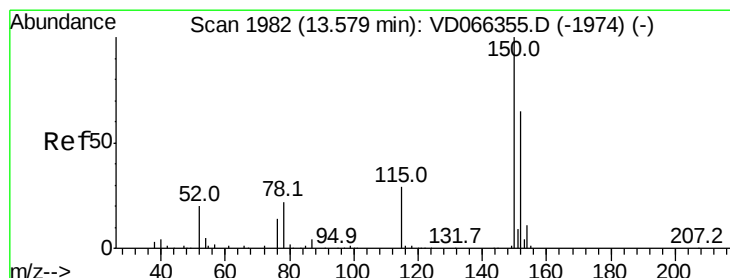
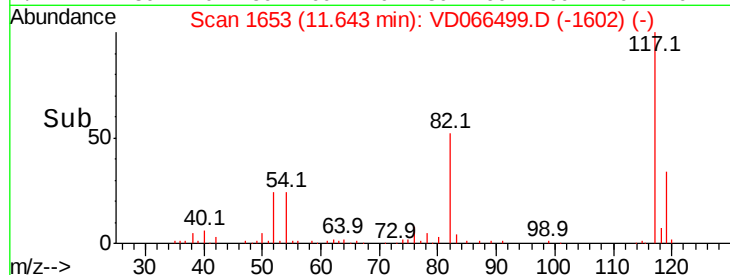
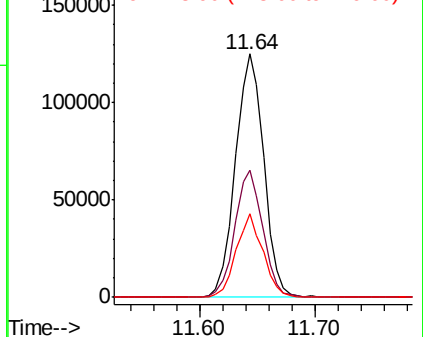
119 34.3 25.8 38.8



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: VD066499.D

Acq: 01 Sep 2020 16:39

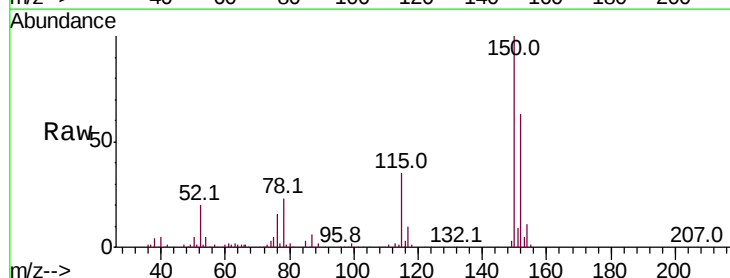
Tgt Ion:152 Resp: 106588

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

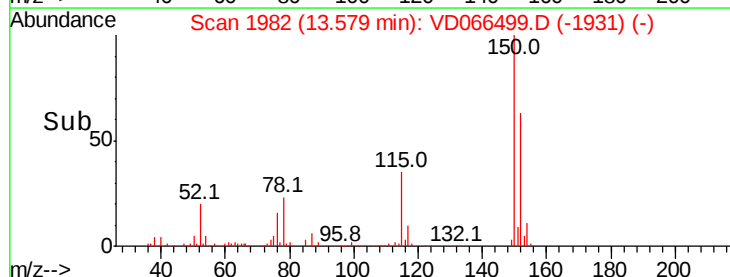
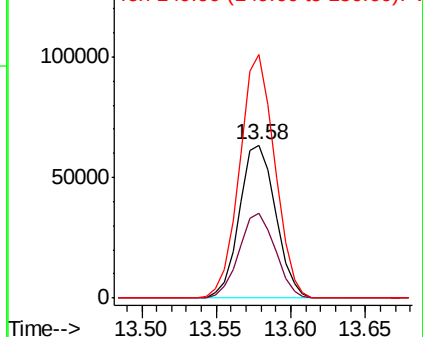
150 154.4 0.0 343.2

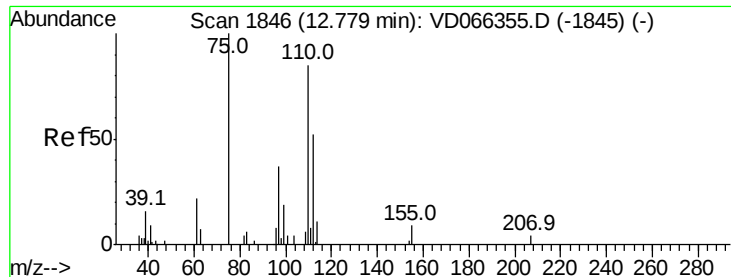


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 73.109 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

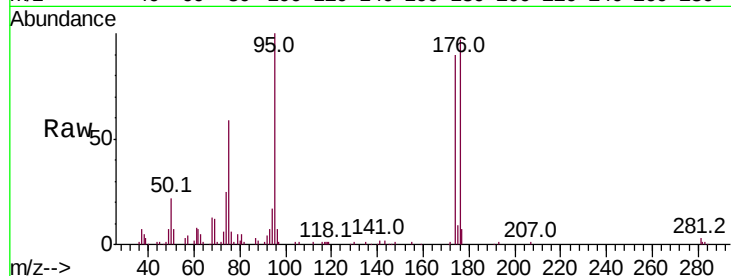
20058

Tot Ion: 75 Resp: 54821

Ion Ratio Lower Upper

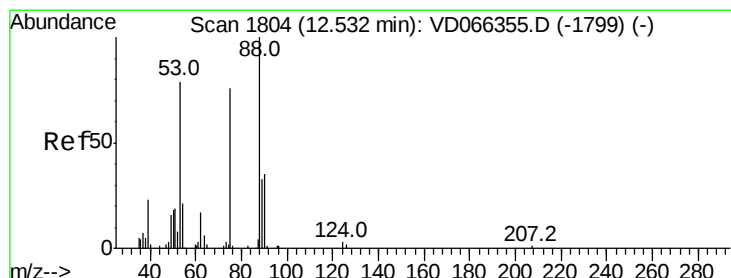
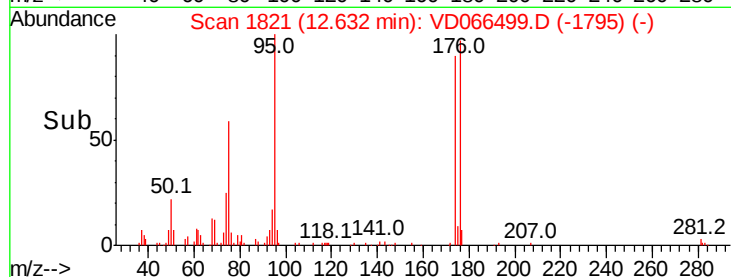
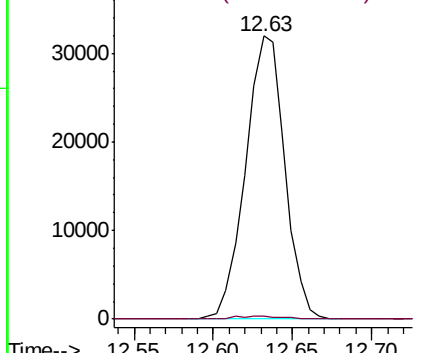
75 100

77 1.1 182.9 548.9#



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: 155.187 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066499.D

Acq: 01 Sep 2020 16:39

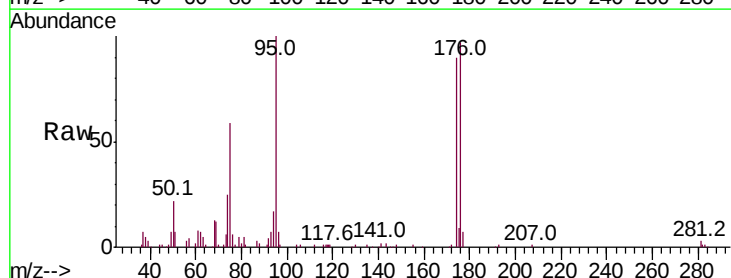
Tgt Ion: 75 Resp: 54821

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.2 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

