

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066051.D
 Acq On : 24 Jul 2020 17:01
 Operator : VA/SY
 Sample : L3409-01
 Misc : 5.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 354

Quant Time: Jul 24 23:54:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279365	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	124615	49.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.72%	
35) Dibromofluoromethane	7.92	113	146508	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	580798	54.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.64	95	244969	65.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	131.44%	

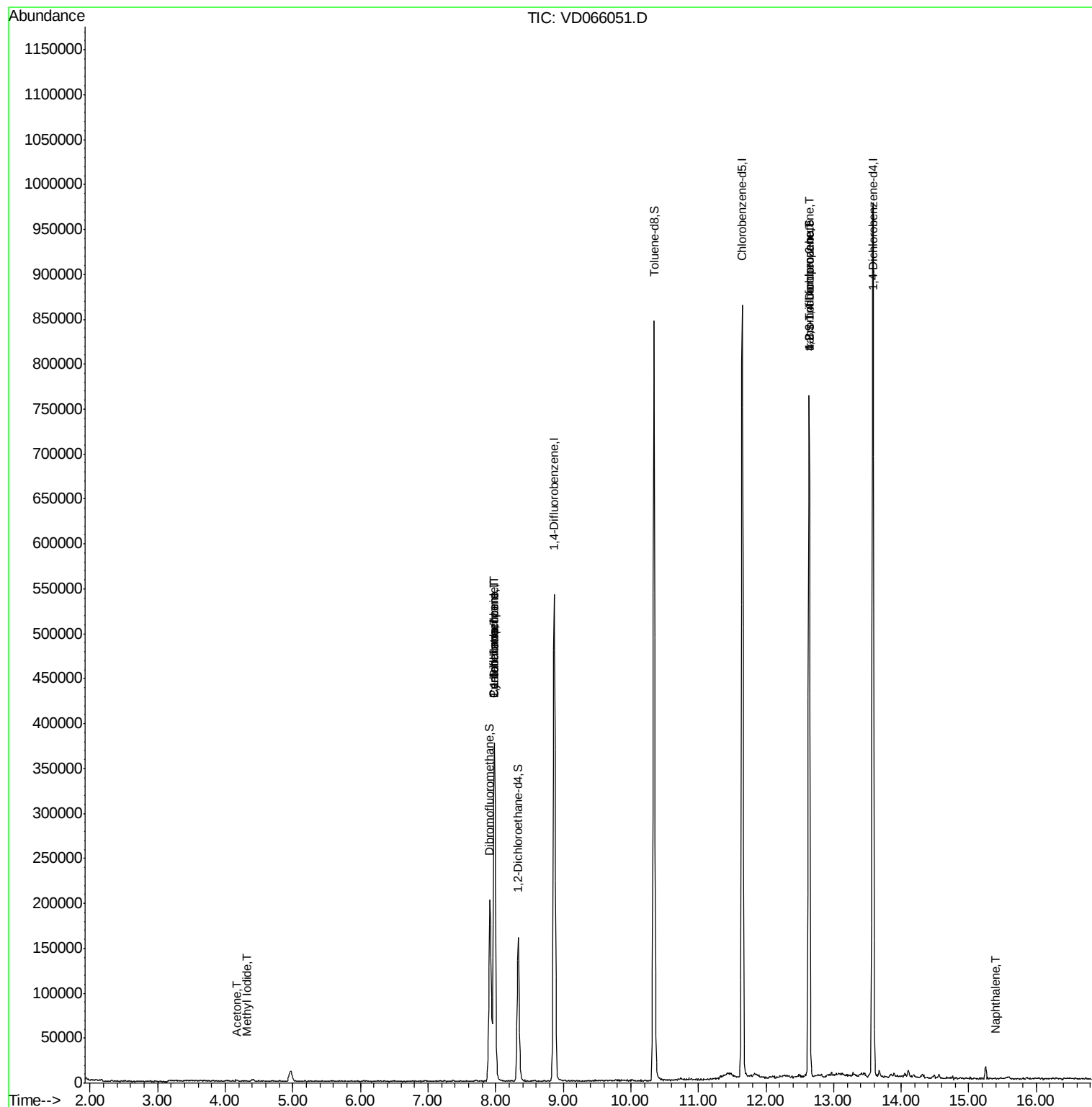
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	59	8.831	ug/l #	42
16) Acetone	4.17	43	551	1.089	ug/l #	42
20) Methylene Chloride	4.96	84	4190	Below Cal		96
31) Cyclohexane	7.98	56	5366	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	19475	4.797	ug/l #	47
38) Carbon Tetrachloride	7.98	117	28647	6.503	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	117423	55.823	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	117423	128.095	ug/l #	11
95) Naphthalene	15.40	128	395	3.589	ug/l #	68

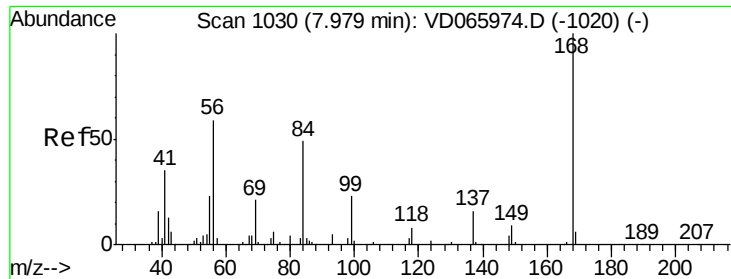
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
Data File : VD066051.D
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Misc : 5.55G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jul 24 23:54:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066051.D

Acq: 24 Jul 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

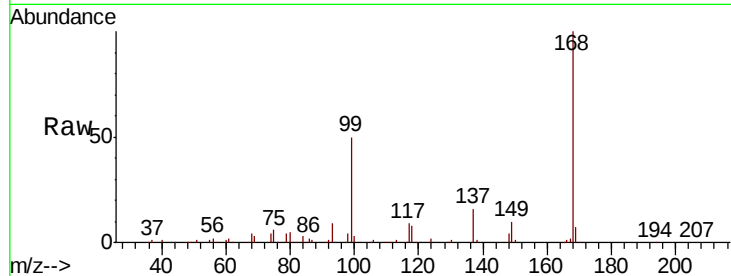
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Tot Ion:168 Resp: 307139

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

150000

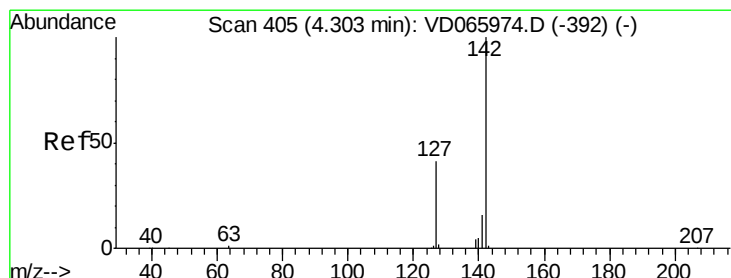
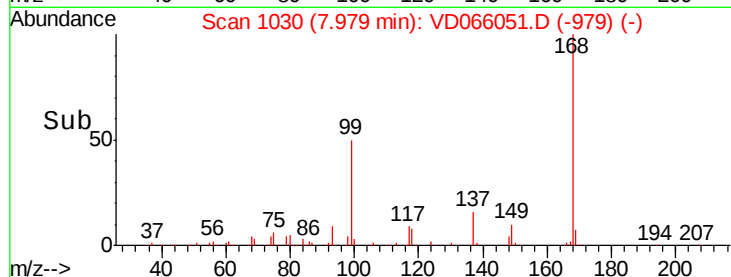
100000

50000

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Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 8.831 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.01 min

Lab File: VD066051.D

Acq: 24 Jul 2020 17:01

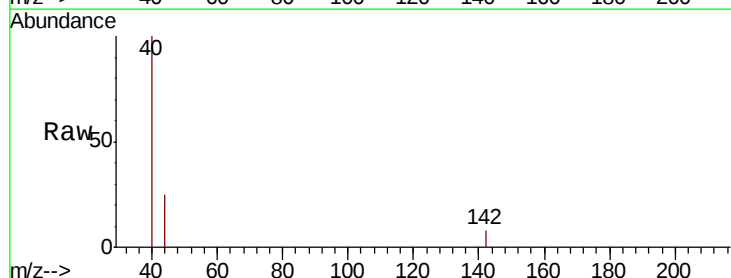
Tgt Ion:142 Resp: 59

Ion Ratio Lower Upper

142 100

127 0.0 32.9 49.3#

141 0.0 11.8 17.6#



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

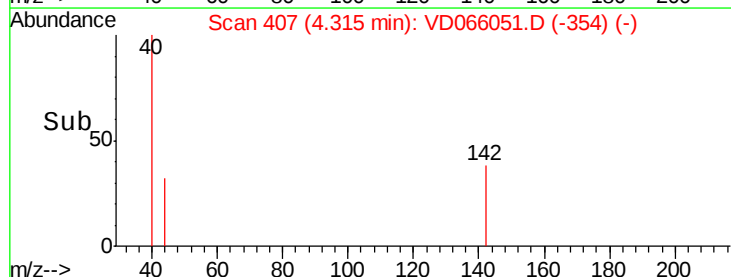
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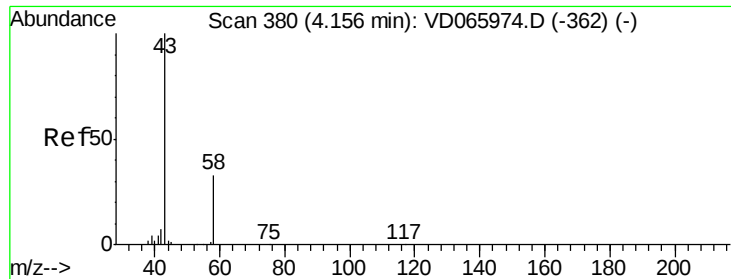
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Time-->

4.30 4.31 4.32 4.33

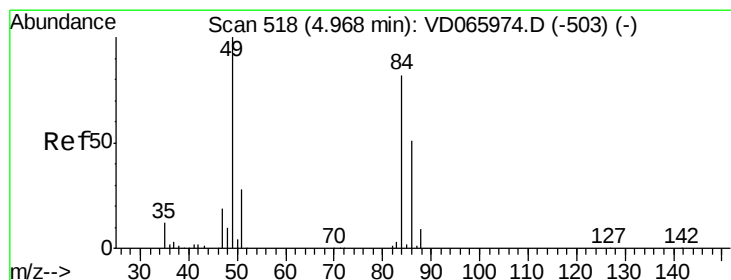
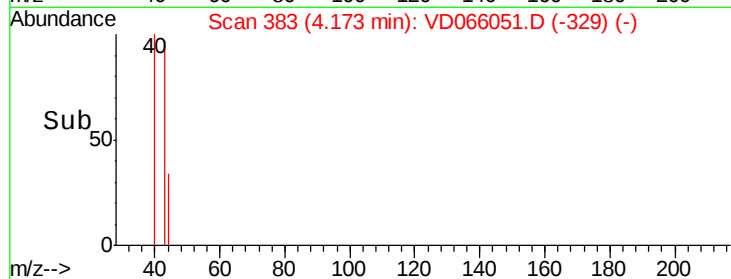
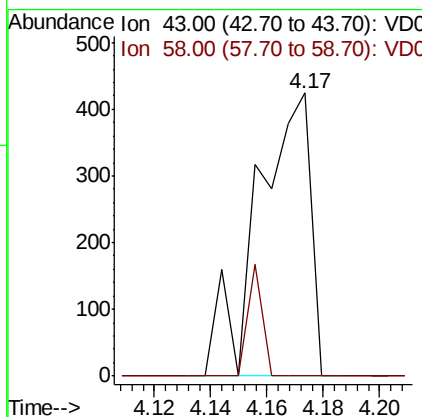
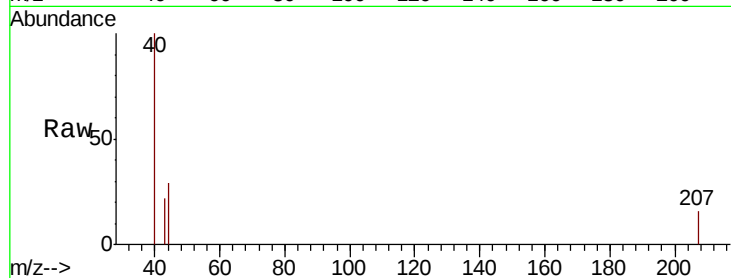




#16
Acetone
Concen: 1.089 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.02 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

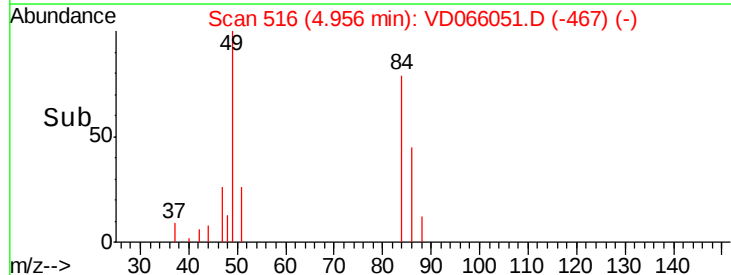
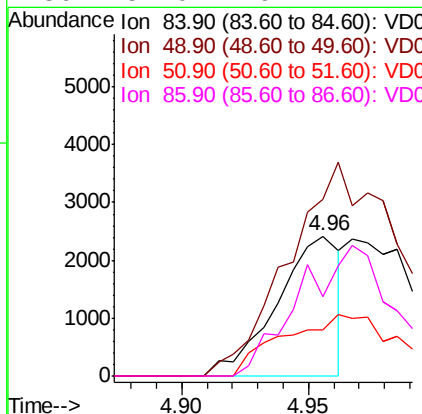
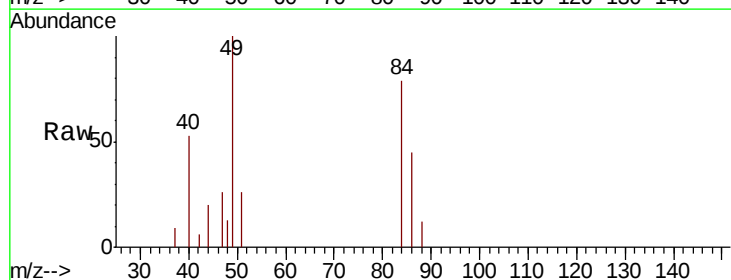
Instrument :
MSVOA_D
ClientSampleId :
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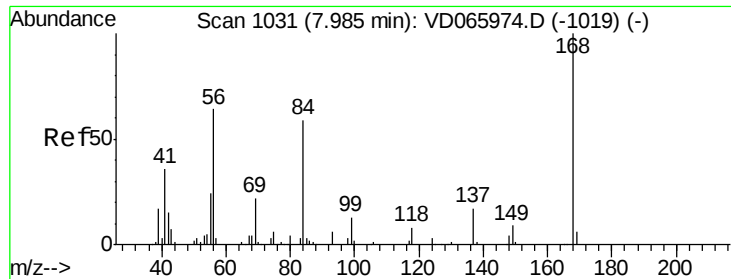
Tot Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 26.3 39.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Tgt Ion: 84 Resp: 4190
Ion Ratio Lower Upper
84 100
49 126.5 97.7 146.5
51 32.8 27.4 41.2
86 57.0 49.4 74.2

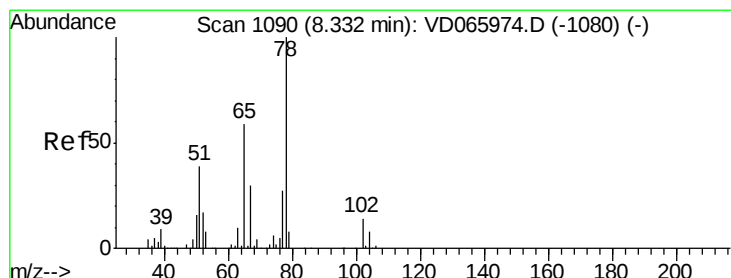
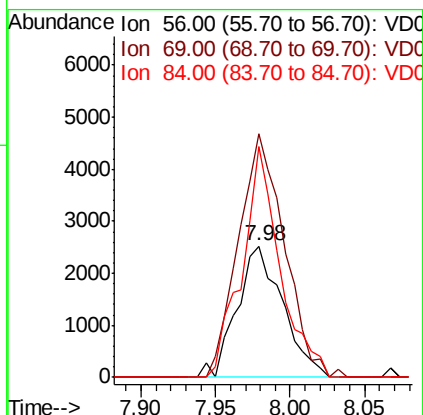
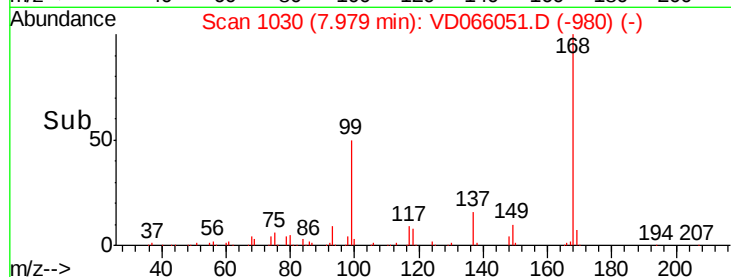
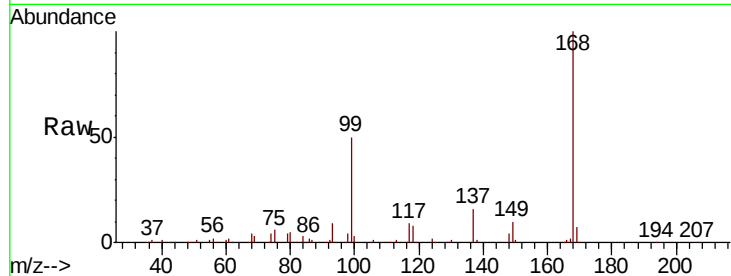




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

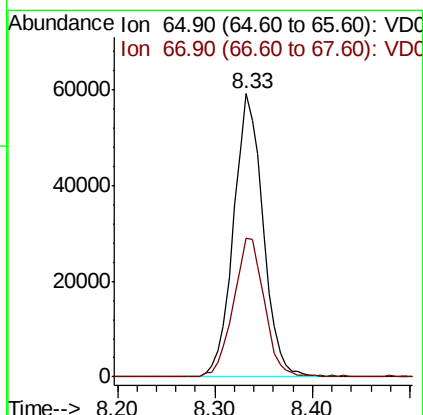
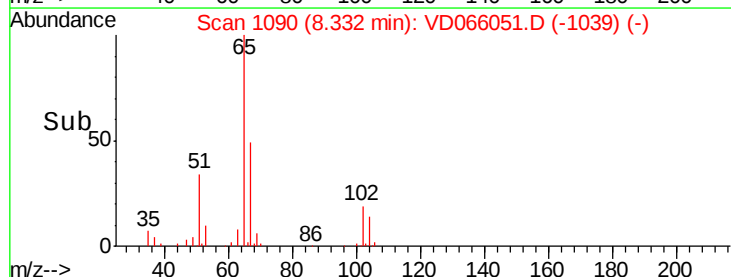
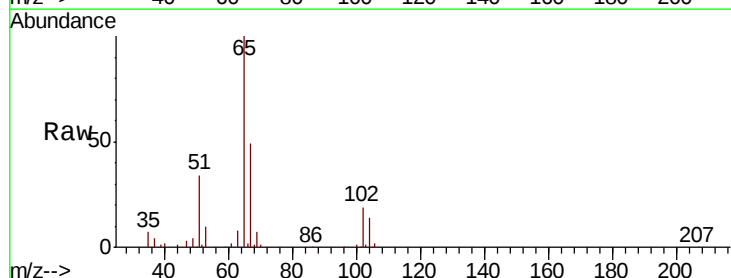
Instrument :
MSVOA_D
ClientSampleId :
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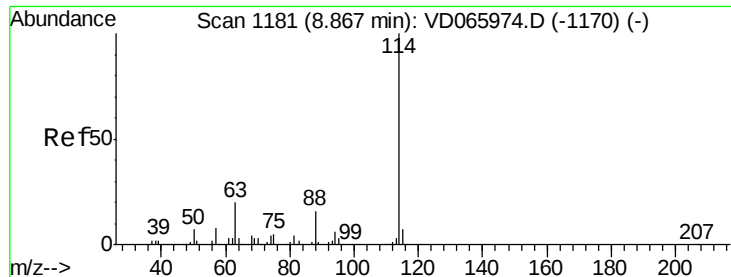
Tot Ion: 56 Resp: 5366
Ion Ratio Lower Upper
56 100
69 185.8 28.0 42.0#
84 191.6 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Tgt Ion: 65 Resp: 124615
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.0

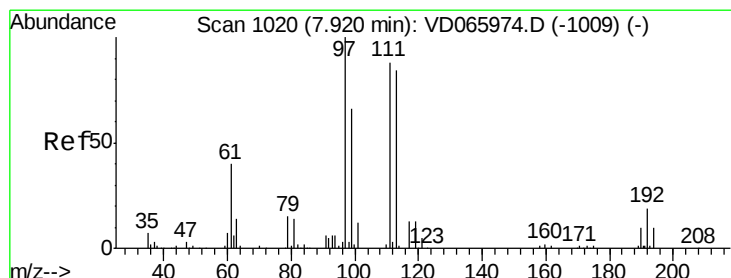
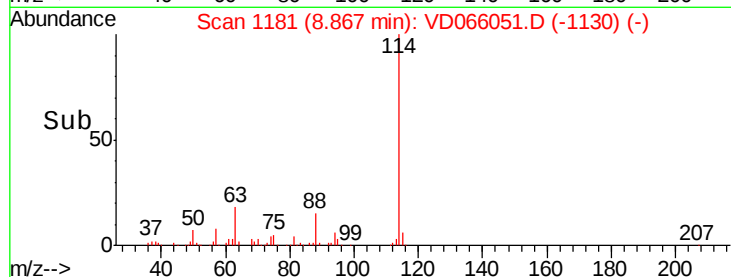
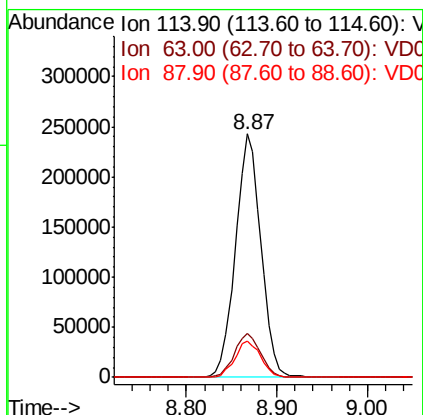
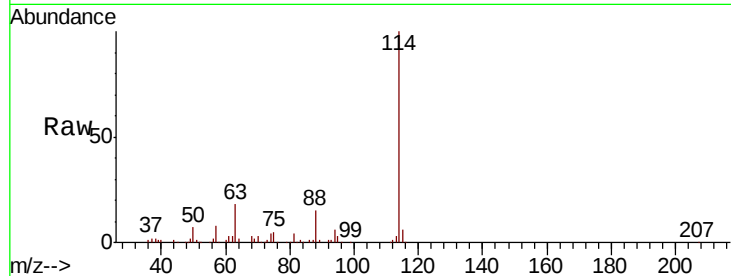




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

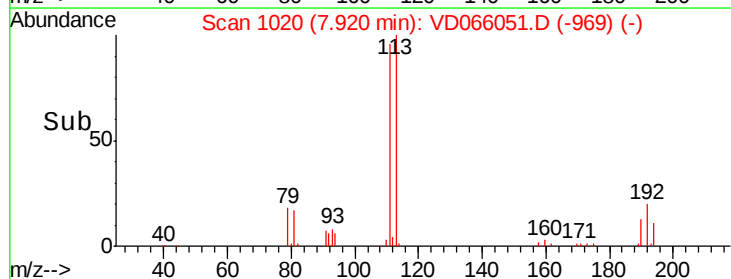
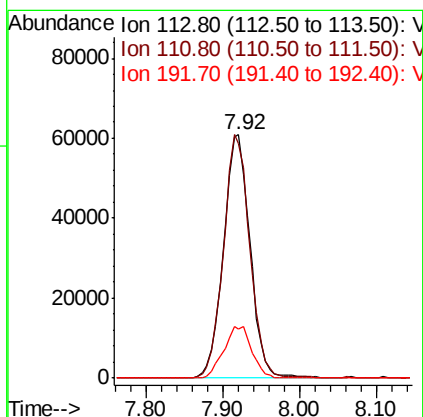
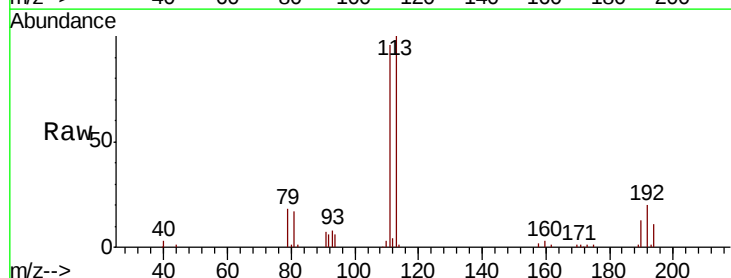
Instrument :
 MSVOA_D
 ClientSampleId :
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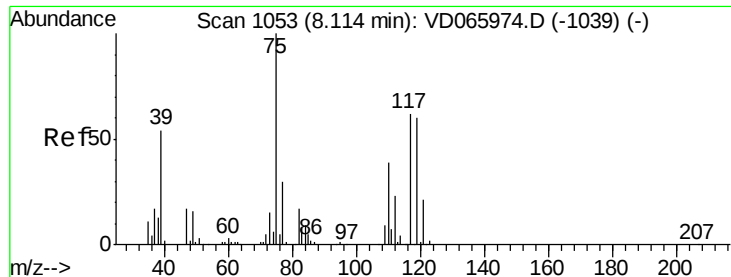
Tot Ion:114 Resp: 475740
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 14.8 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 50.774 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

Tgt Ion:113 Resp: 146508
 Ion Ratio Lower Upper
 113 100
 111 99.3 83.2 124.8
 192 22.2 18.7 28.1

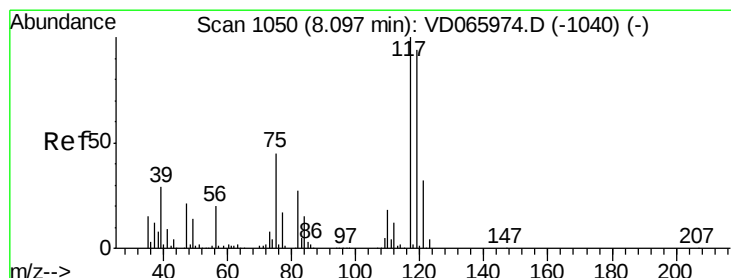
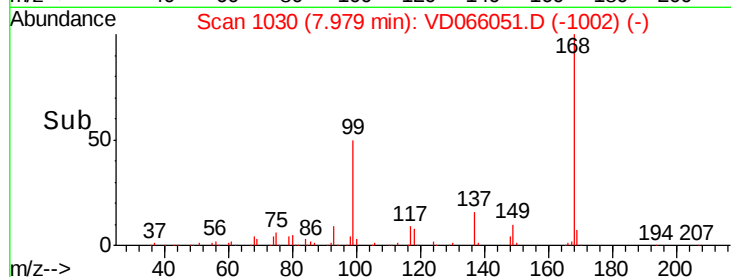
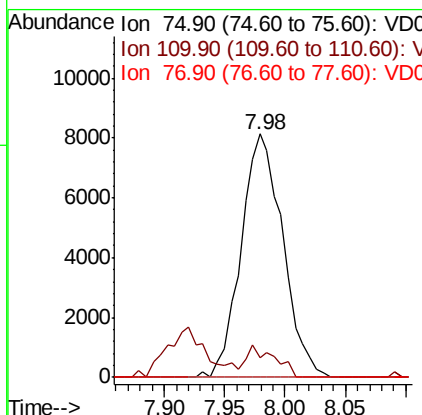
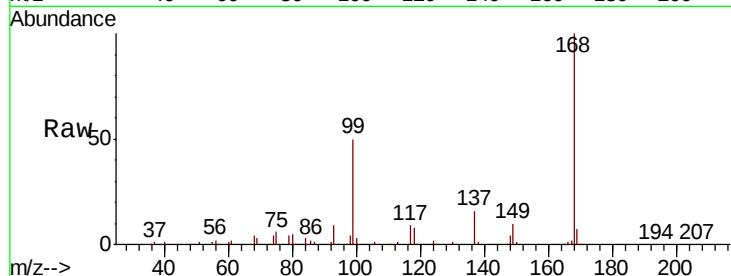




#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

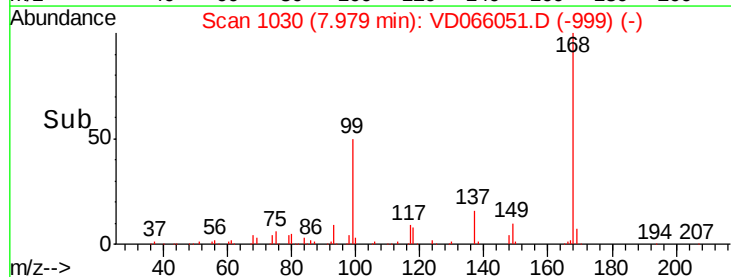
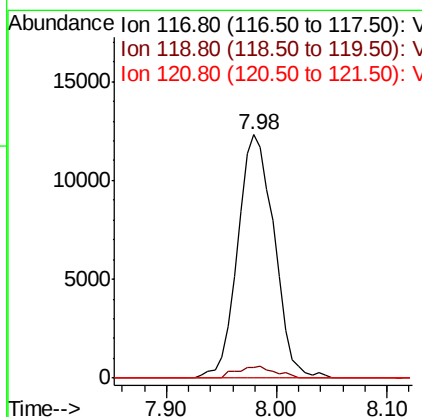
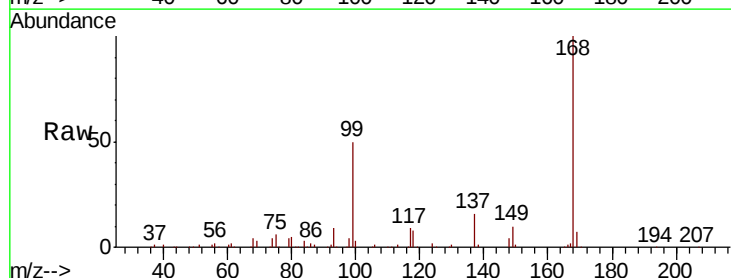
Instrument :
 MSVOA_D
 ClientSampled :
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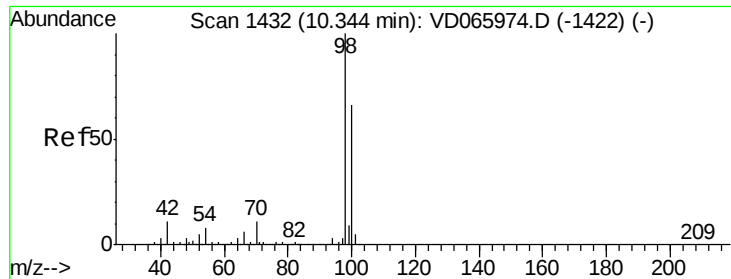
Tot Ion	75	Resp	19475
Ion Ratio	Lower	Upper	
75	100		
110	8.8	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.503 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

Tgt Ion	117	Resp	28647
Ion Ratio	Lower	Upper	
117	100		
119	4.3	75.0	112.6#
121	0.0	25.5	38.3#

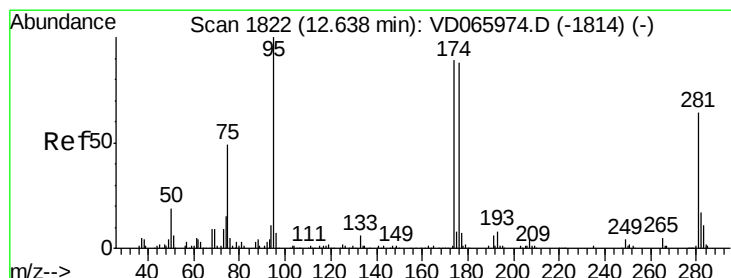
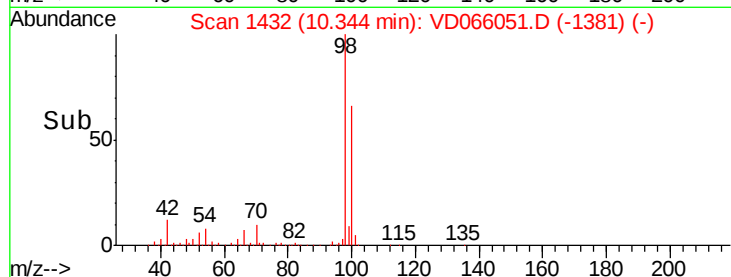
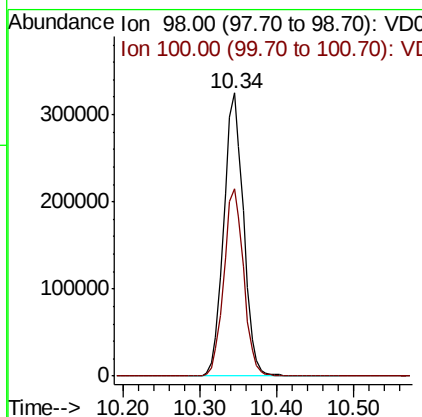
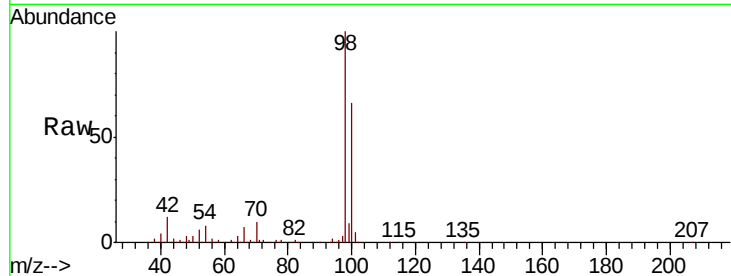




#50
Toluene-d8
Concen: 54.031 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

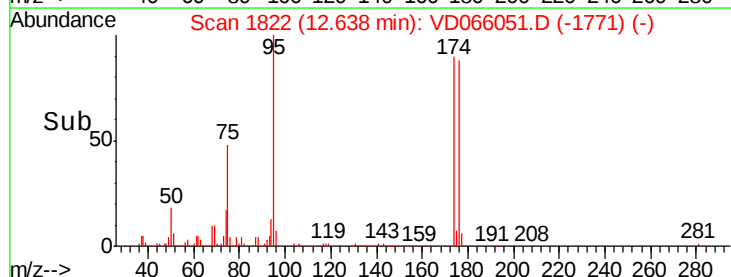
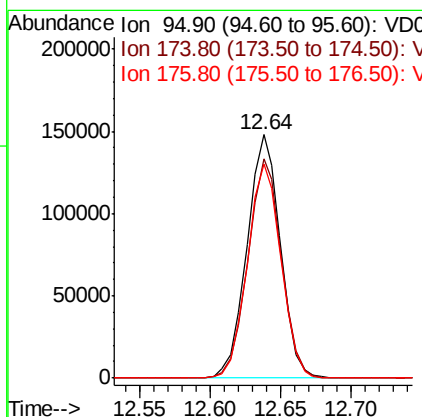
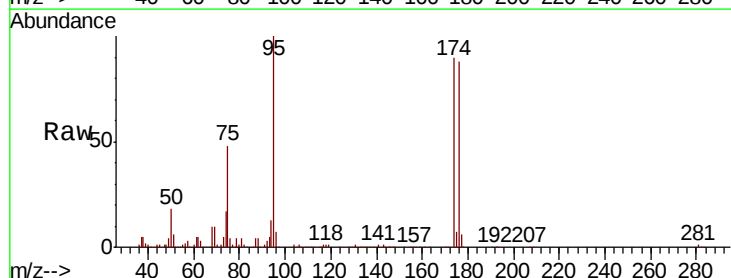
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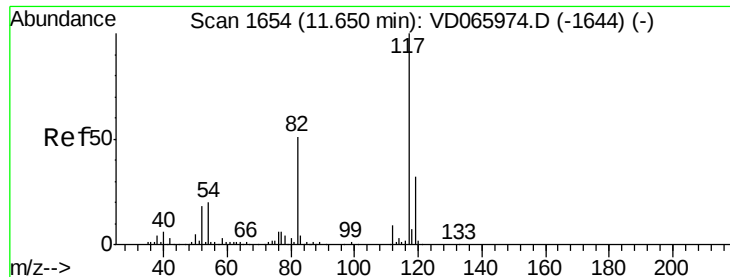
Tot Ion: 98 Resp: 580798
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 65.725 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Tgt Ion: 95 Resp: 244969
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.8
176 88.3 0.0 172.6

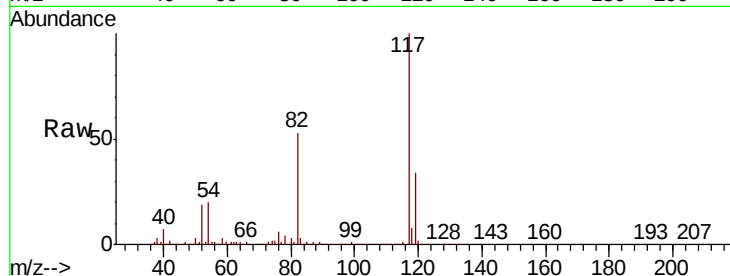




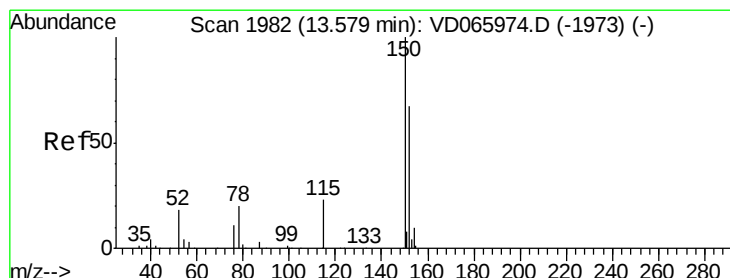
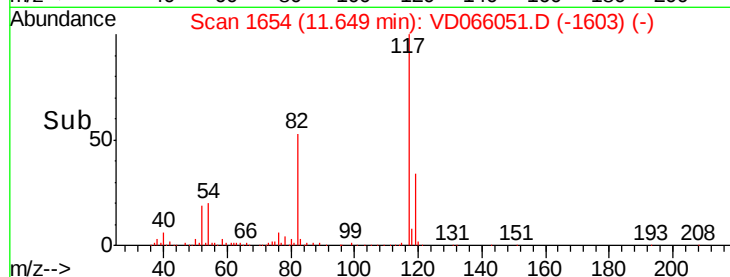
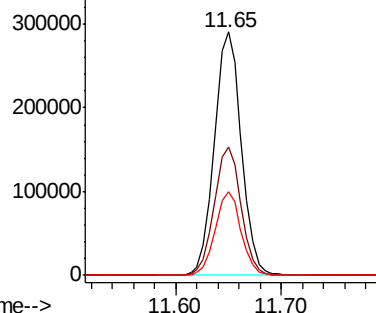
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Instrument :
MSVOA_D
ClientSampled :
354

Tot Ion:117 Resp: 514161
Ion Ratio Lower Upper
117 100
82 52.6 41.1 61.7
119 34.1 25.9 38.9

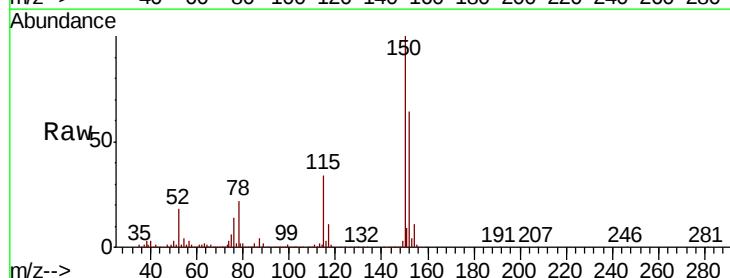


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

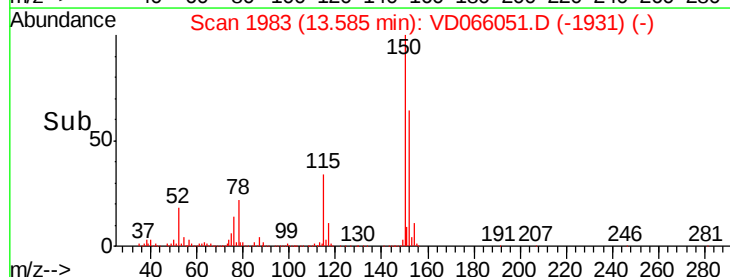
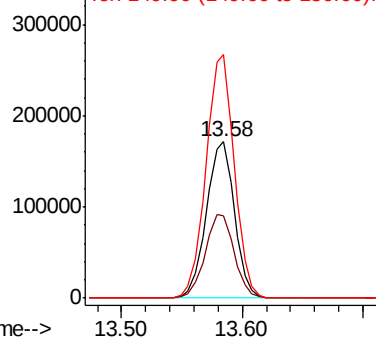


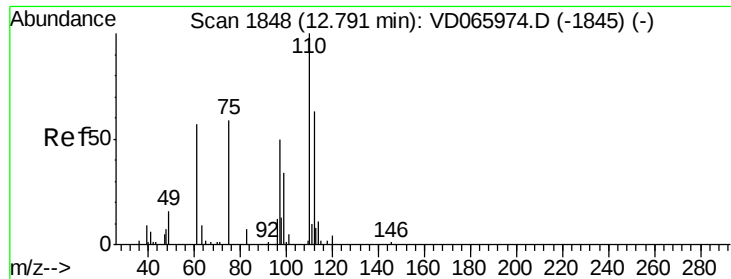
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Tgt Ion:152 Resp: 279365
Ion Ratio Lower Upper
152 100
115 54.7 27.9 83.7
150 155.7 0.0 348.2



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

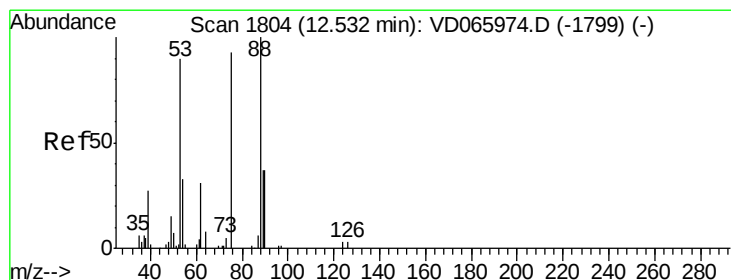
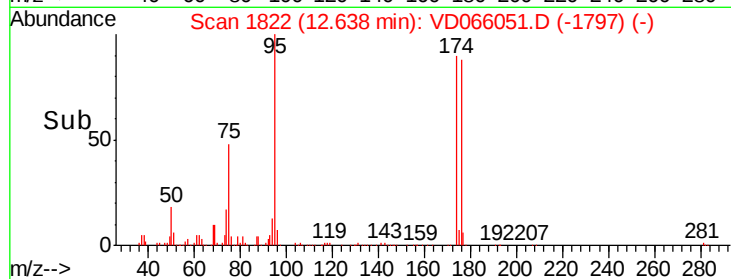
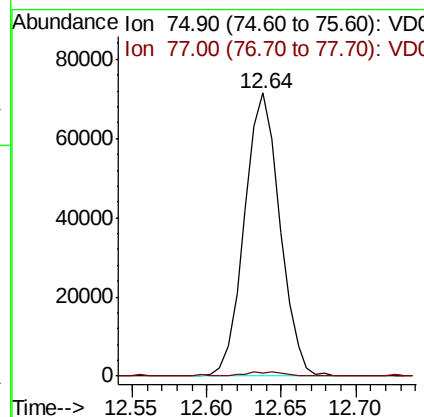
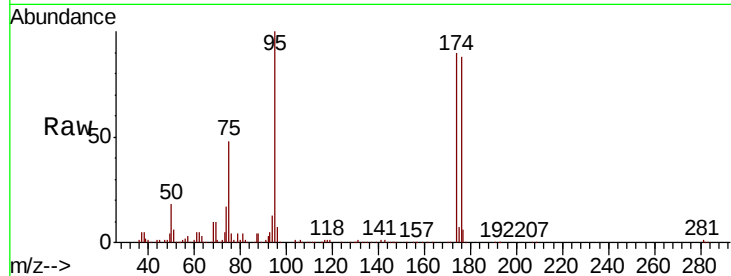




#76
 1,2,3-Trichloropropane
 Concen: 55.823 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

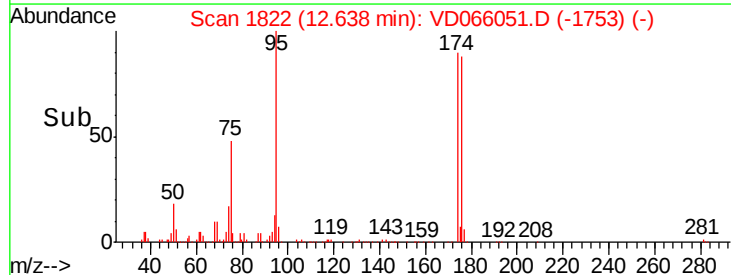
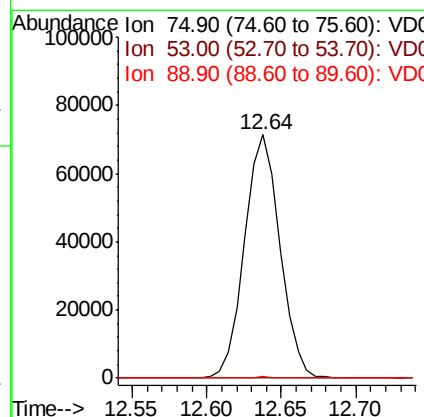
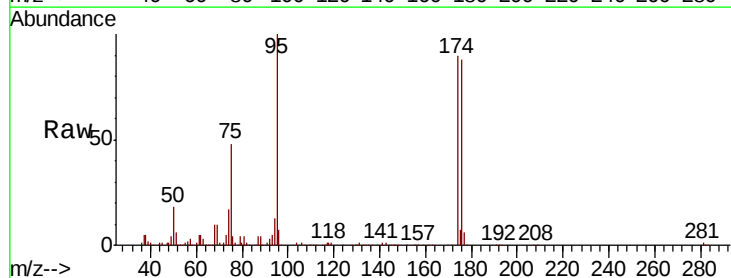
Instrument :
 MSVOA_D
 ClientSampleId :
 354

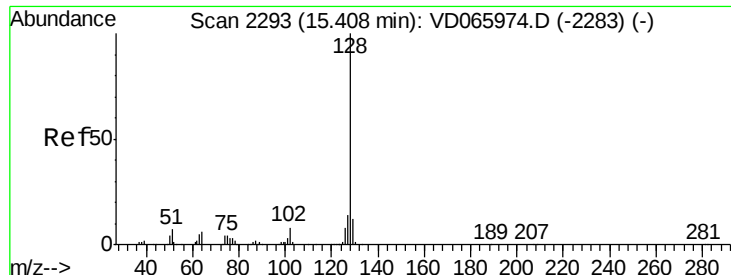
Tot Ion: 75 Resp: 117423
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.095 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

Tgt Ion: 75 Resp: 117423
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.8 115.2#
 89 0.2 37.0 55.4#





#95

Naphthalene

Concen: 3.589 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066051.D

Acq: 24 Jul 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

354

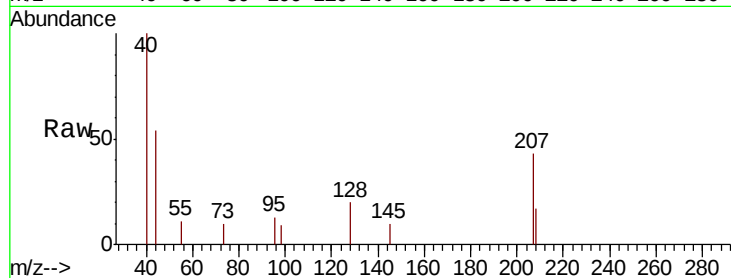
Tot Ion:128 Resp: 395

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

