

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066023.D
 Acq On : 23 Jul 2020 14:40
 Operator : VA/SY
 Sample : L3381-01
 Misc : 7.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357-GRID-A4-A6

Quant Time: Jul 24 03:05:23 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	7.99	168	308182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	521776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	552083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290524	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	131447	52.42	ug/l	0.00
Spiked Amount						
				Recovery	=	104.84%
35) Dibromofluoromethane	7.92	113	154430	48.80	ug/l	0.00
Spiked Amount						
				Recovery	=	97.60%
50) Toluene-d8	10.34	98	639511	54.24	ug/l	0.00
Spiked Amount						
				Recovery	=	108.48%
62) 4-Bromofluorobenzene	12.64	95	254536	62.27	ug/l	0.00
Spiked Amount						
				Recovery	=	124.54%

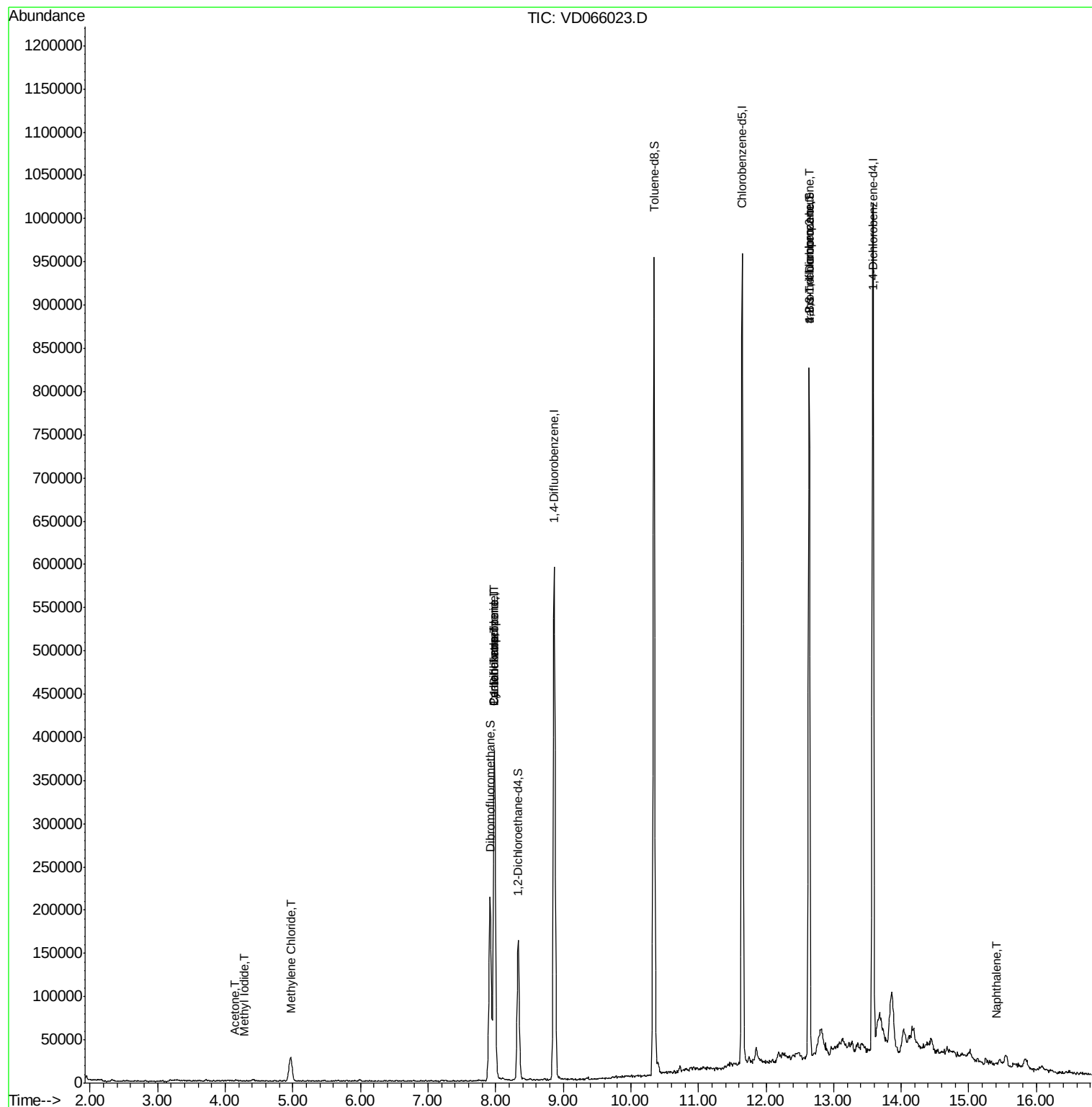
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	115	8.848	ug/l #	42
11) Tert butyl alcohol	5.26	59	79	Below Cal	#	83
16) Acetone	4.16	43	548	1.080	ug/l #	42
20) Methylene Chloride	4.97	84	22086	5.213	ug/l #	88
31) Cyclohexane	7.97	56	6220	1.379	ug/l #	28
36) 1,1-Dichloropropene	7.99	75	21174	4.755	ug/l #	48
38) Carbon Tetrachloride	7.98	117	28157	5.827	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	123467	56.442	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	123467	129.515	ug/l #	11
95) Naphthalene	15.41	128	1688	3.717	ug/l #	82

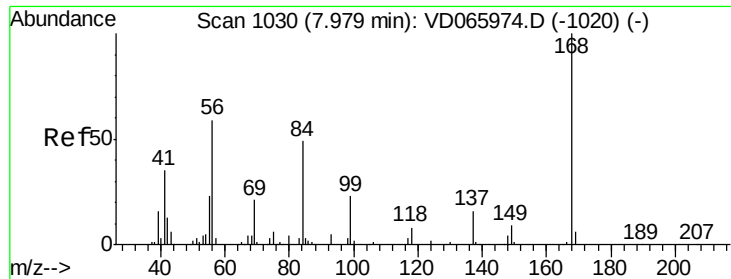
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
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357-GRID-A4-A6

Quant Time: Jul 24 03:05:23 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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

Instrument :

MSVOA_D

ClientSampleId :

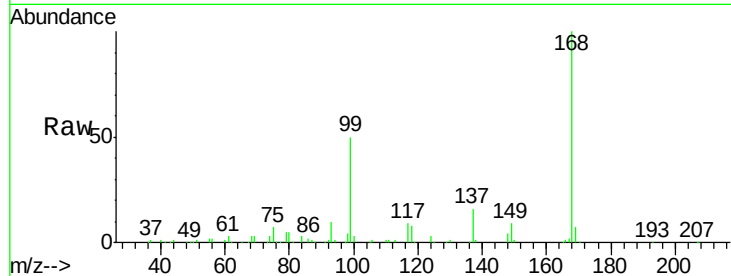
357-GRID-A4-A6

Tot Ion:168 Resp: 308182

Ion Ratio Lower Upper

168 100

99 49.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

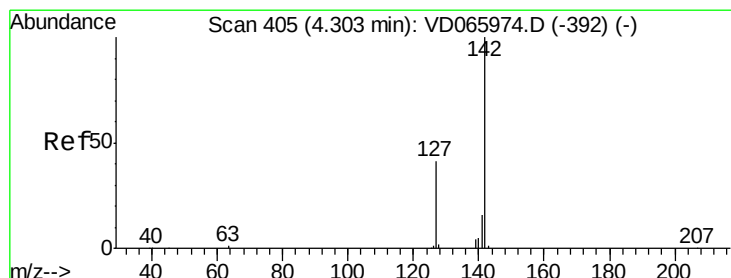
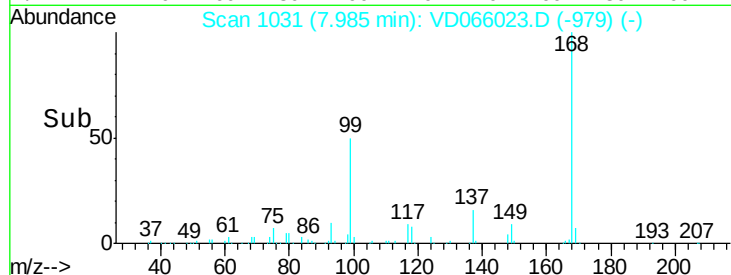
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 8.848 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

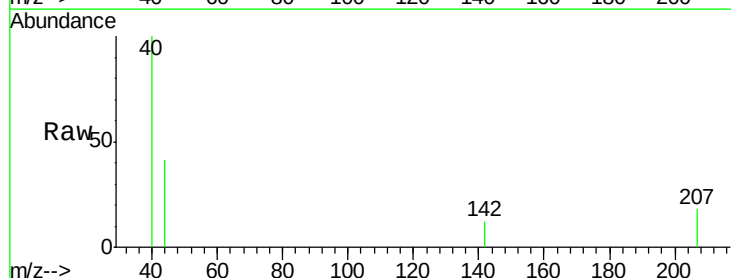
Tgt Ion:142 Resp: 115

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

4.29

200

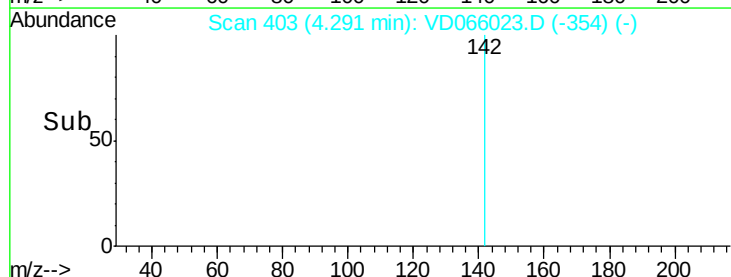
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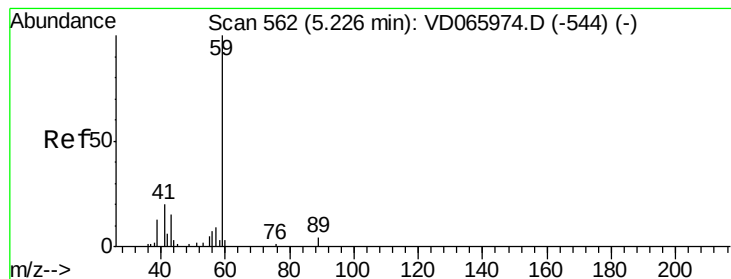
100

50

0

Time-->



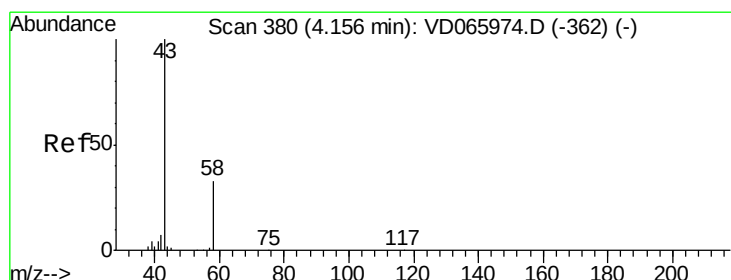
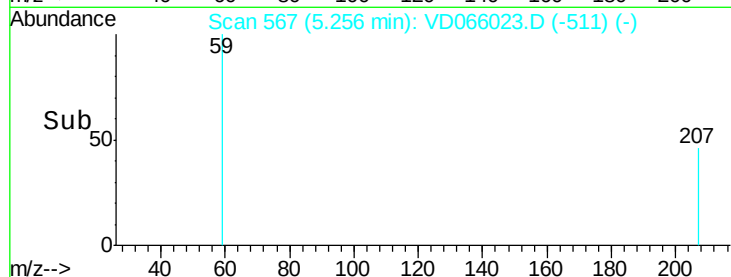
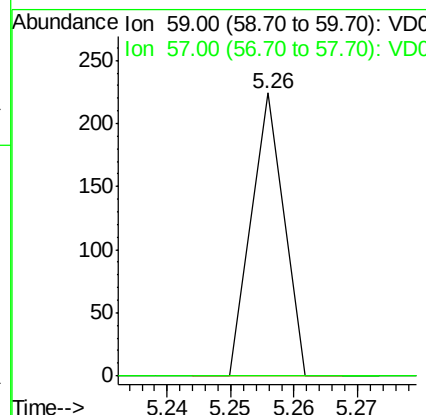
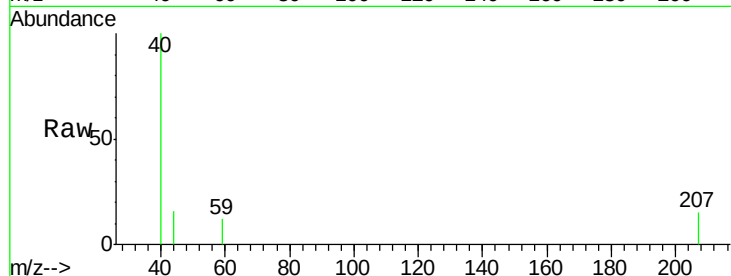


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 567
 Delta R.T. 0.03 min
 Lab File: VD066023.D
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 MSVOA_D
 ClientSampleId :
 357-GRID-A4-A6

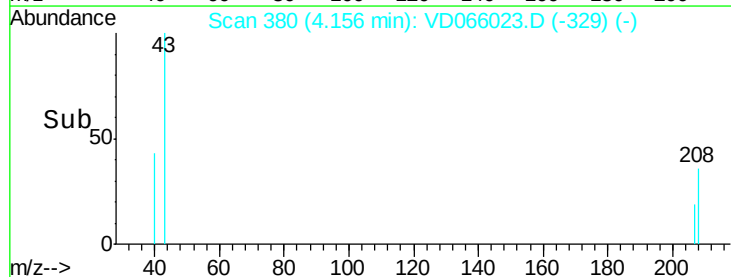
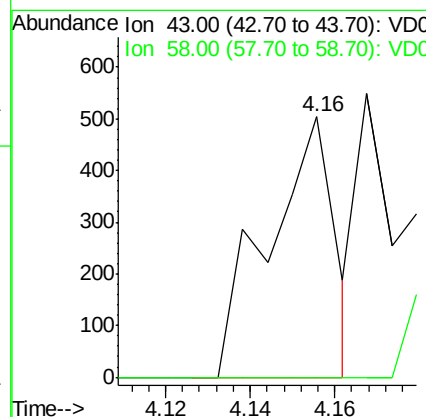
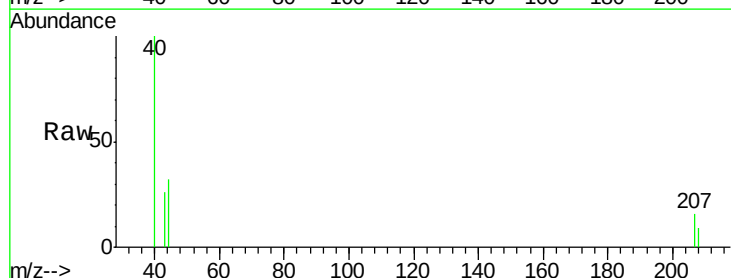
Tot Ion: 59 Resp: 79
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

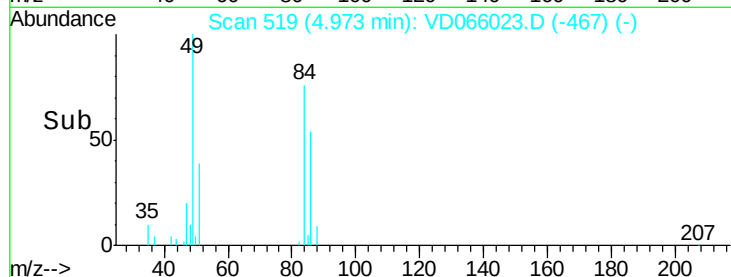
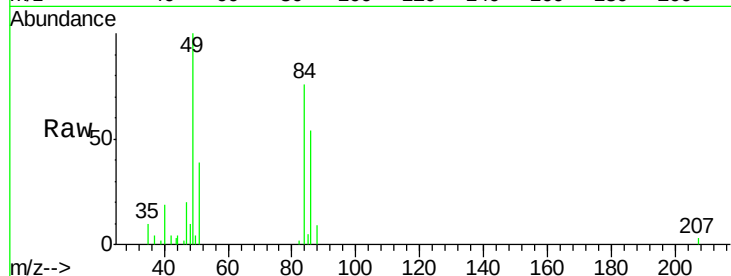
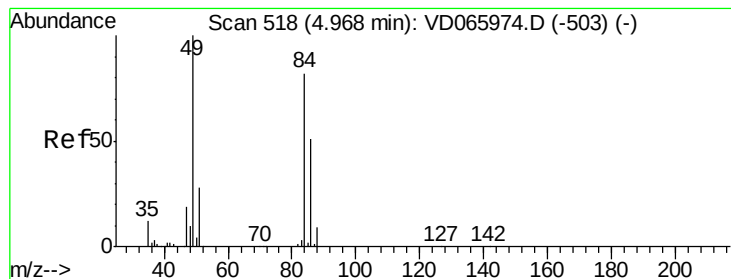


#16

Acetone
 Concen: 1.080 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

Tgt Ion: 43 Resp: 548
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.3 39.5#





#20

Methylene Chloride

Concen: 5.213 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

Instrument :

MSVOA_D

ClientSampleId :

357-GRID-A4-A6

Tot Ion: 84 Resp: 22086

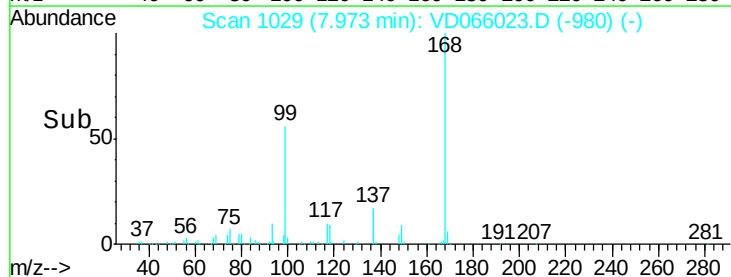
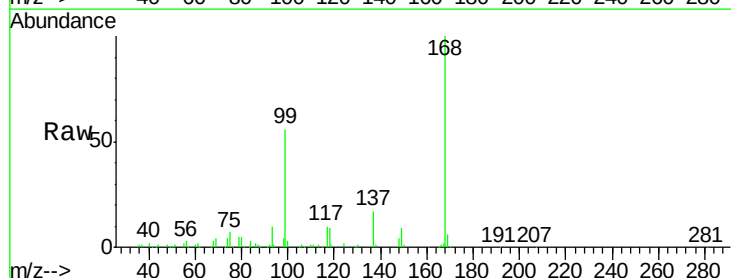
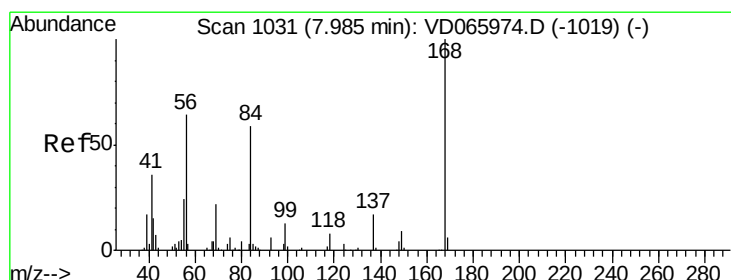
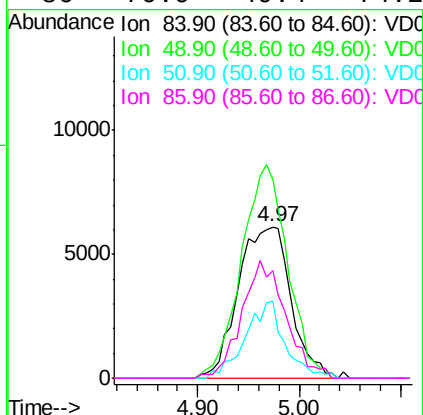
Ion Ratio Lower Upper

84 100

49 131.0 97.7 146.5

51 51.0 27.4 41.2#

86 70.9 49.4 74.2



#31

Cyclohexane

Concen: 1.379 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066023.D

Acq: 23 Jul 2020 14:40

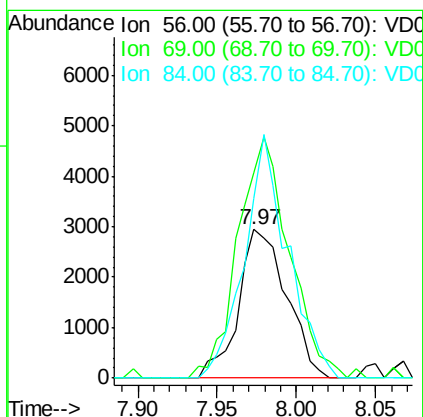
Tgt Ion: 56 Resp: 6220

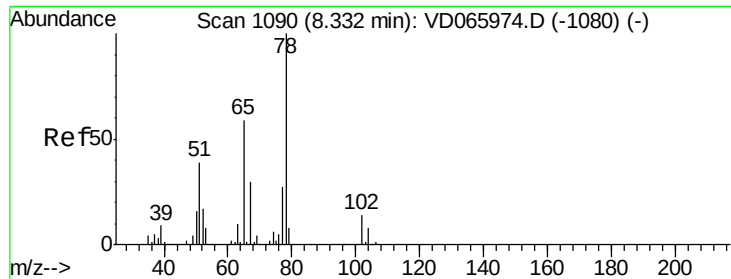
Ion Ratio Lower Upper

56 100

69 138.0 28.0 42.0#

84 120.3 72.6 109.0#

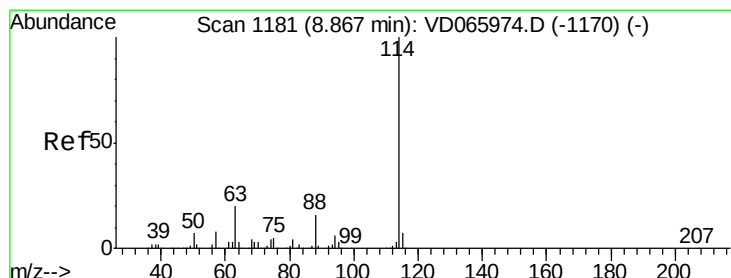
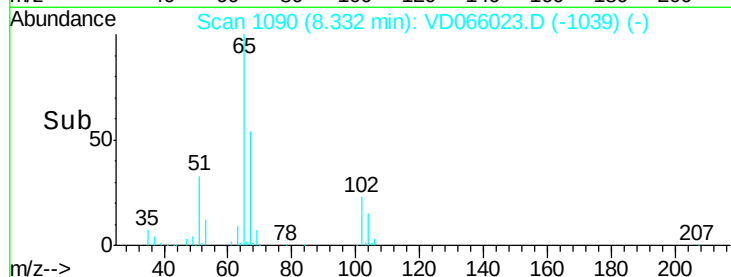
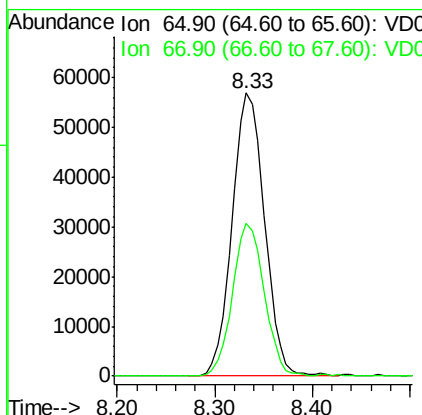
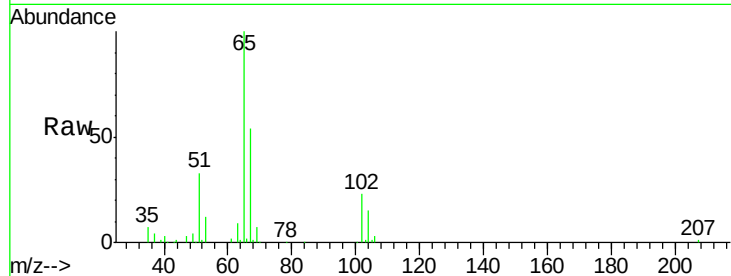




#33
 1,2-Dichloroethane-d4
 Concen: 52.418 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

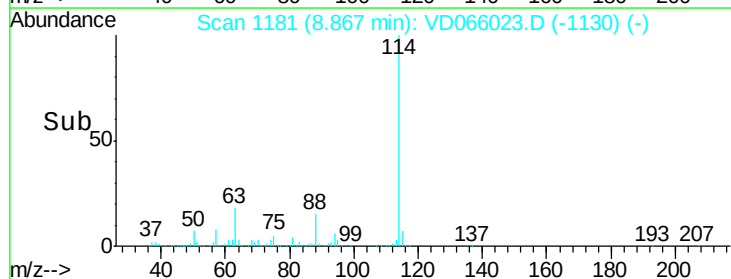
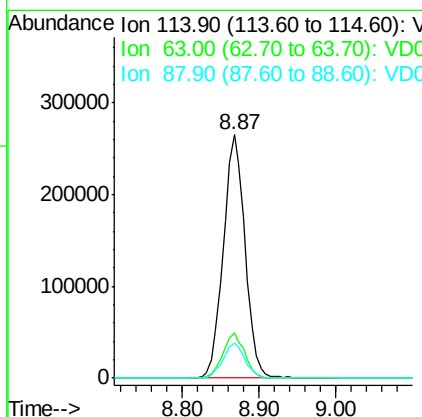
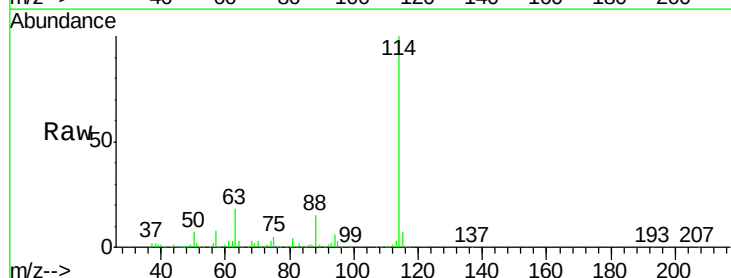
Instrument :
 MSVOA_D
 ClientSampleId :
 357-GRID-A4-A6

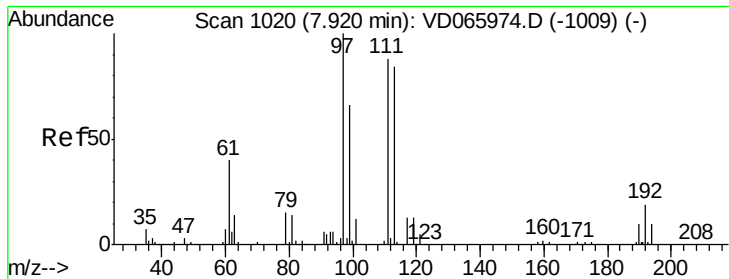
Tot Ion: 65 Resp: 131447
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

Tgt Ion: 114 Resp: 521776
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 14.6 0.0 31.2

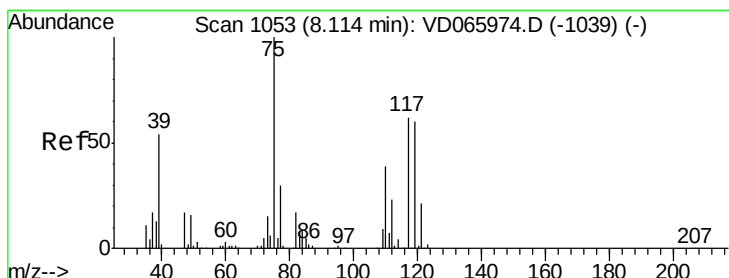
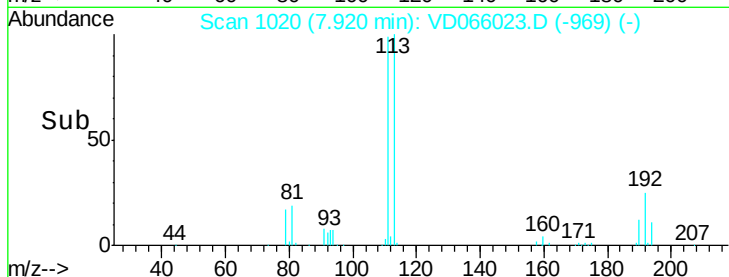
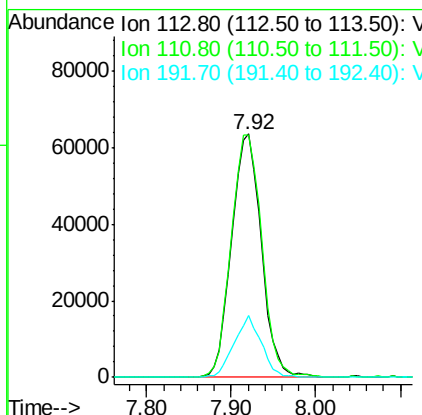
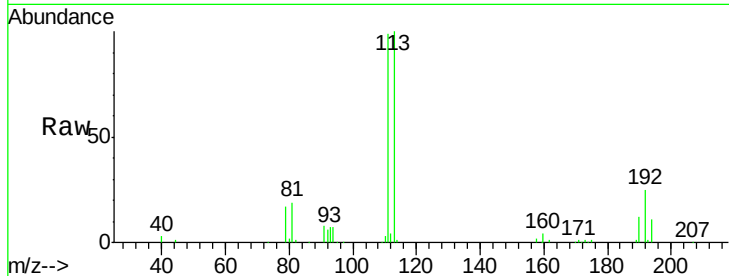




#35
 Dibromofluoromethane
 Concen: 48.797 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

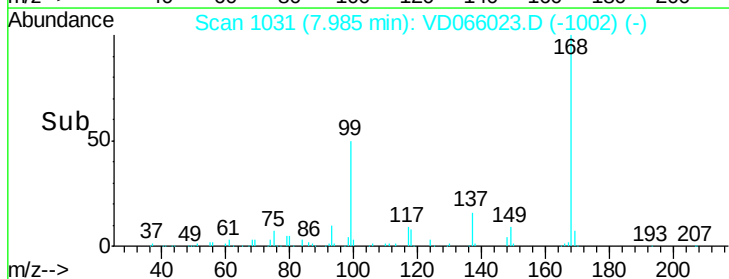
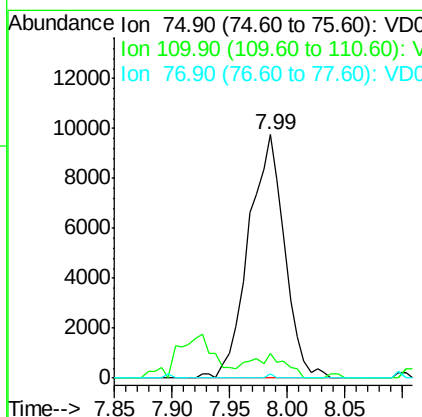
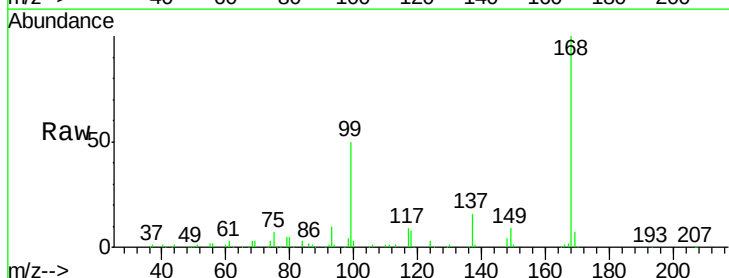
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 ClientSampleId :
 357-GRID-A4-A6

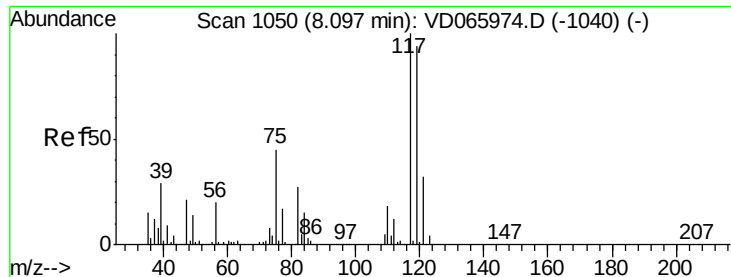
Tot Ion:113 Resp: 154430
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.2 124.8
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.755 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD066023.D
 Acq: 23 Jul 2020 14:40

Tgt Ion: 75 Resp: 21174
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.3 24.7 37.1#

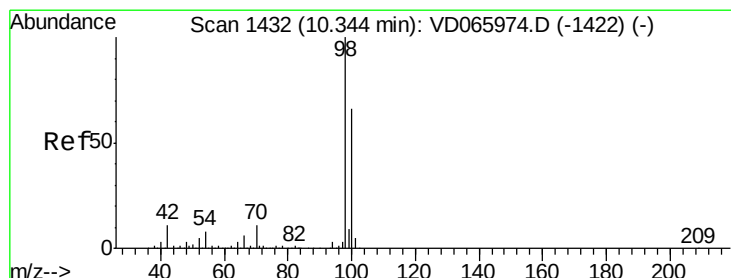
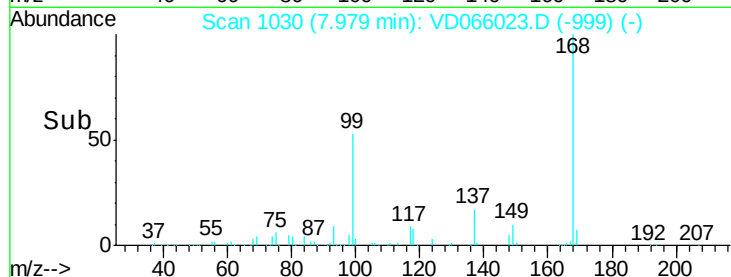
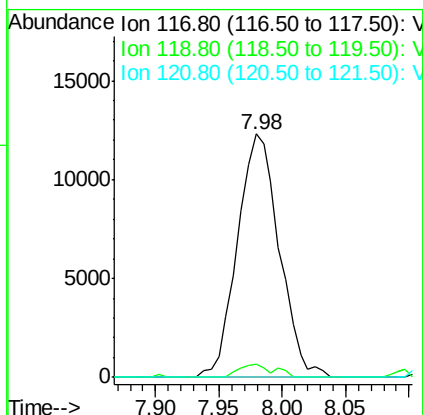
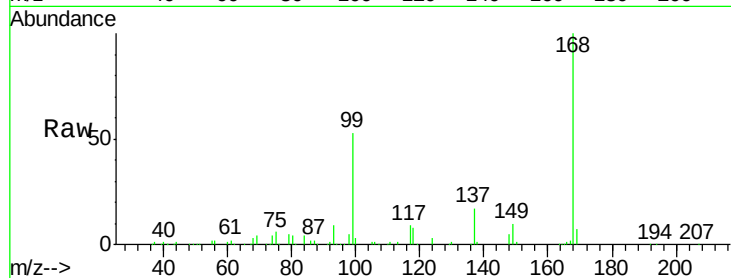




#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

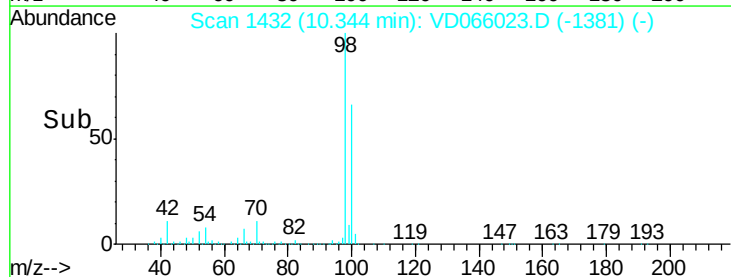
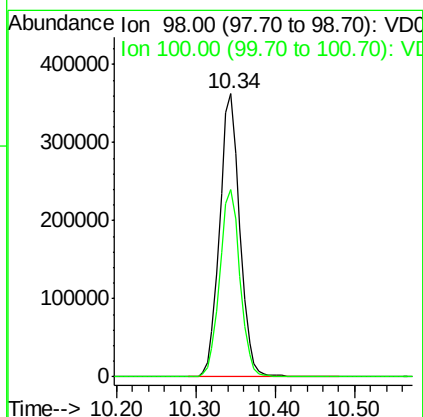
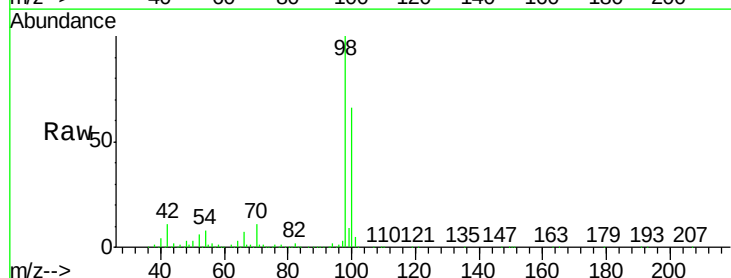
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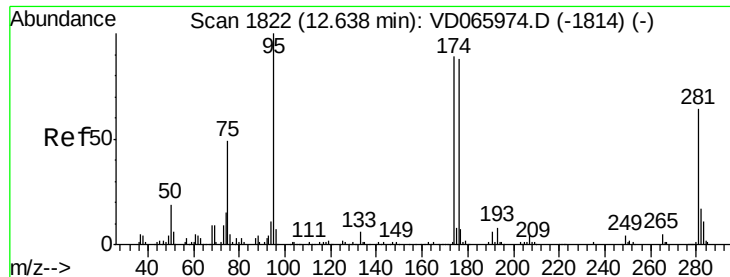
Tot Ion:117 Resp: 28157
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 54.244 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Tgt Ion: 98 Resp: 639511
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

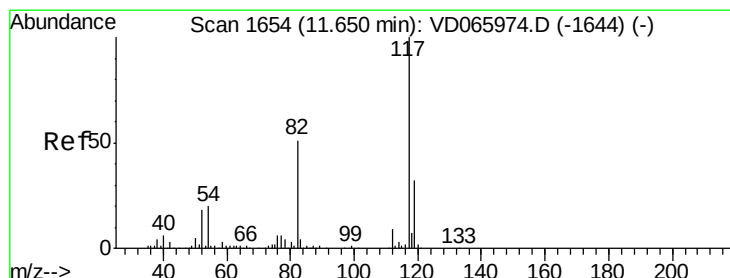
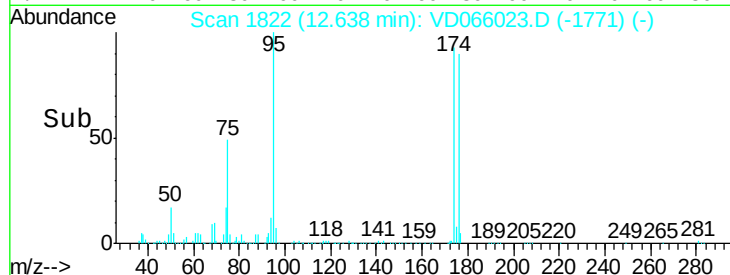
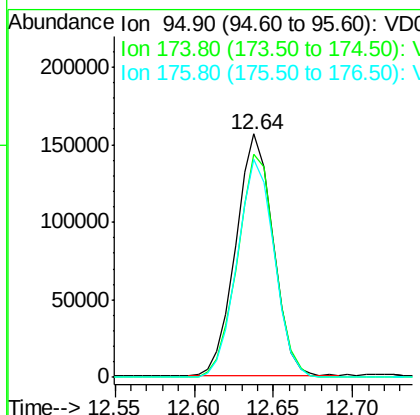
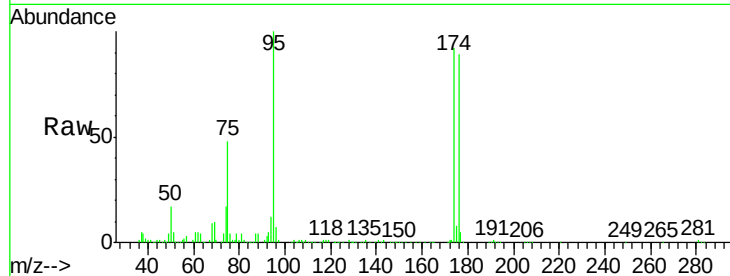




#62
4-Bromofluorobenzene
Concen: 62.266 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

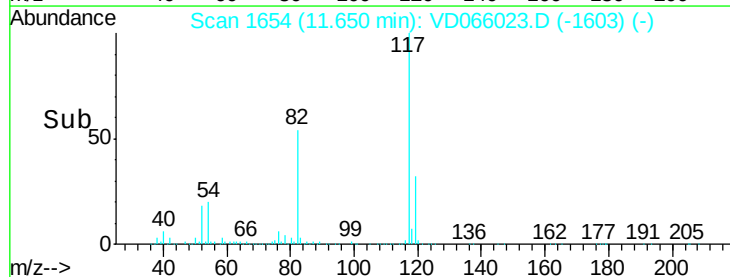
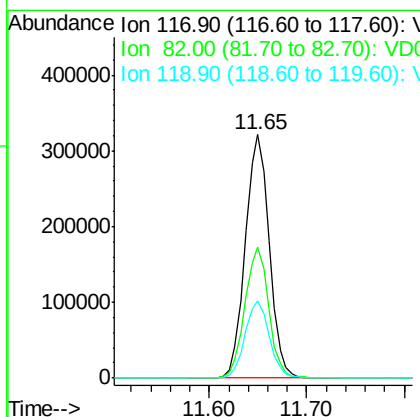
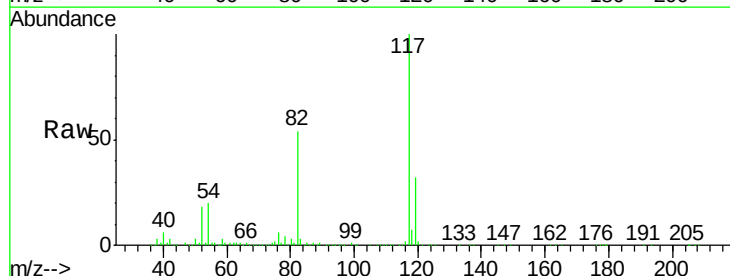
Instrument :
MSVOA_D
ClientSampleId :
357-GRID-A4-A6

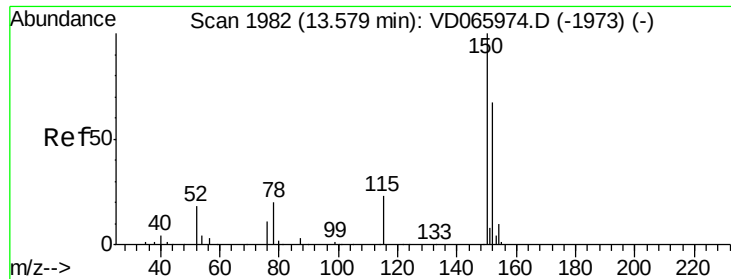
Tot Ion: 95 Resp: 254536
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.8
176 89.6 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Tgt Ion: 117 Resp: 552083
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 31.7 25.9 38.9



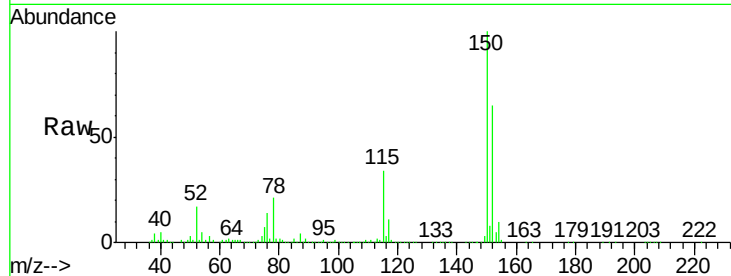


#72

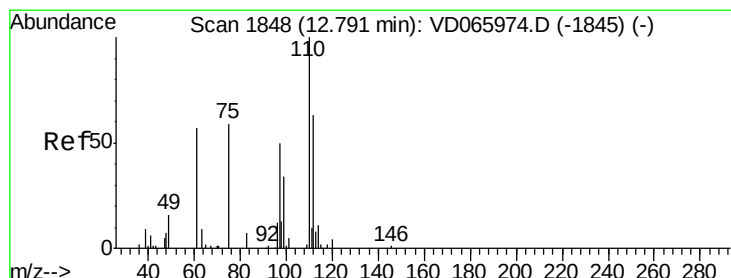
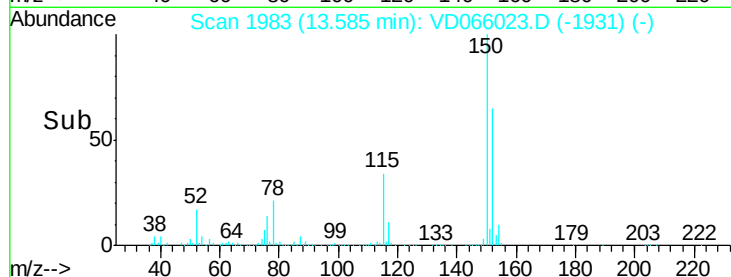
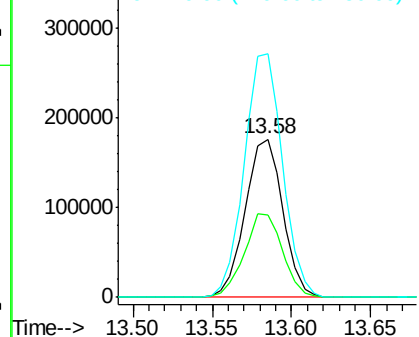
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Instrument :
MSVOA_D
ClientSampleId :
357-GRID-A4-A6

Tot Ion:152 Resp: 290524
Ion Ratio Lower Upper
152 100
115 53.4 27.9 83.7
150 157.1 0.0 348.2



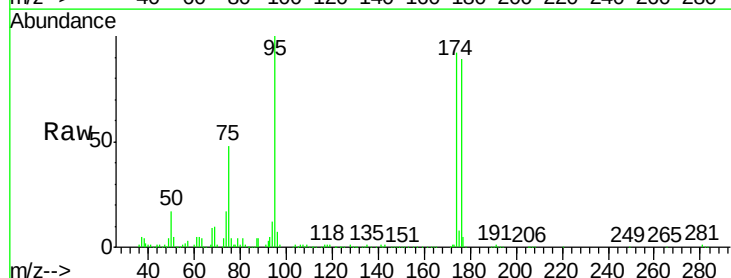
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



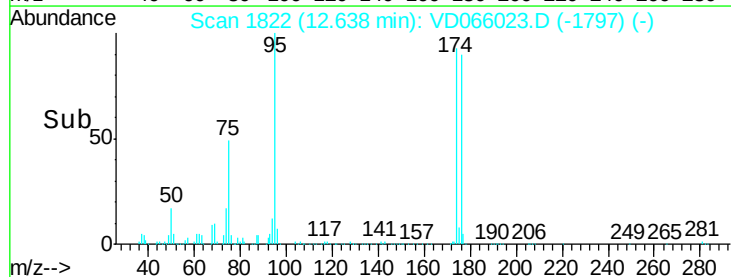
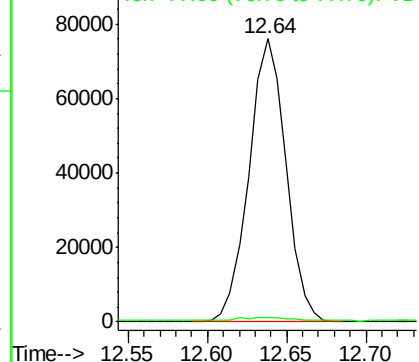
#76

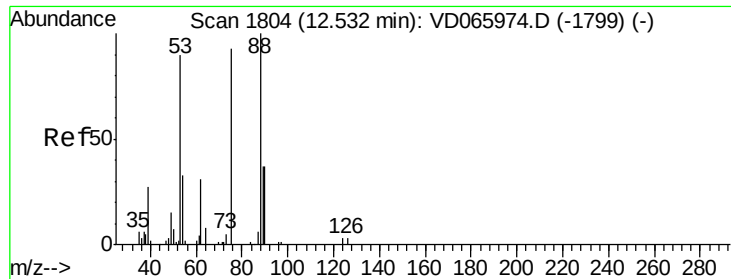
1,2,3-Trichloropropane
Concen: 56.442 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Tgt Ion: 75 Resp: 123467
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

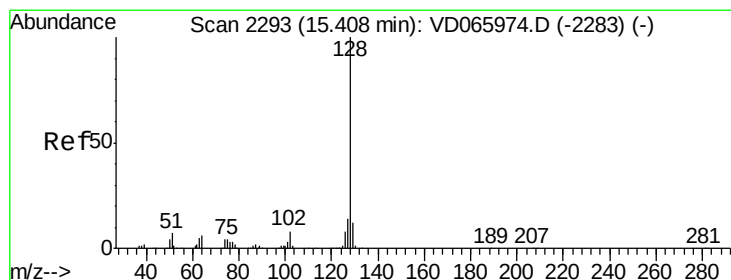
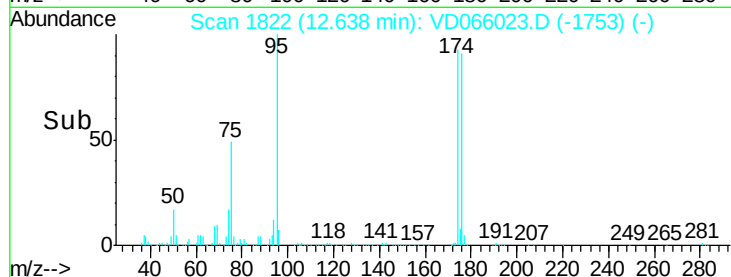
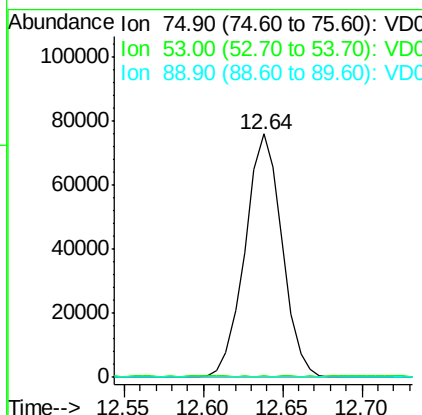
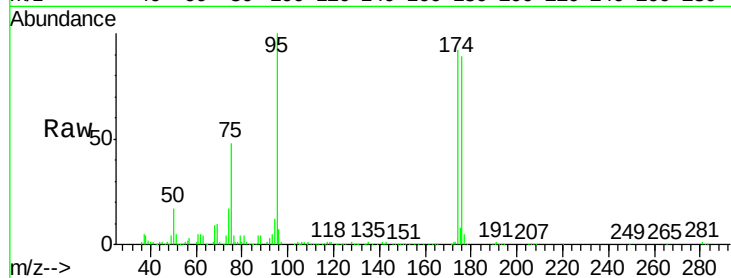




#81
trans-1,4-Dichloro-2-butene
Concen: 129.515 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Instrument :
MSVOA_D
ClientSampleId :
357-GRID-A4-A6

Tot Ion: 75 Resp: 123467
Ion Ratio Lower Upper
75 100
53 0.1 76.8 115.2#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.717 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066023.D
Acq: 23 Jul 2020 14:40

Tgt Ion:128 Resp: 1688
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 11.1 8.9 13.3

