

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066048.D
 Acq On : 24 Jul 2020 15:39
 Operator : VA/SY
 Sample : L3383-29
 Misc : 7.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

Quant Time: Jul 24 23:54:07 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

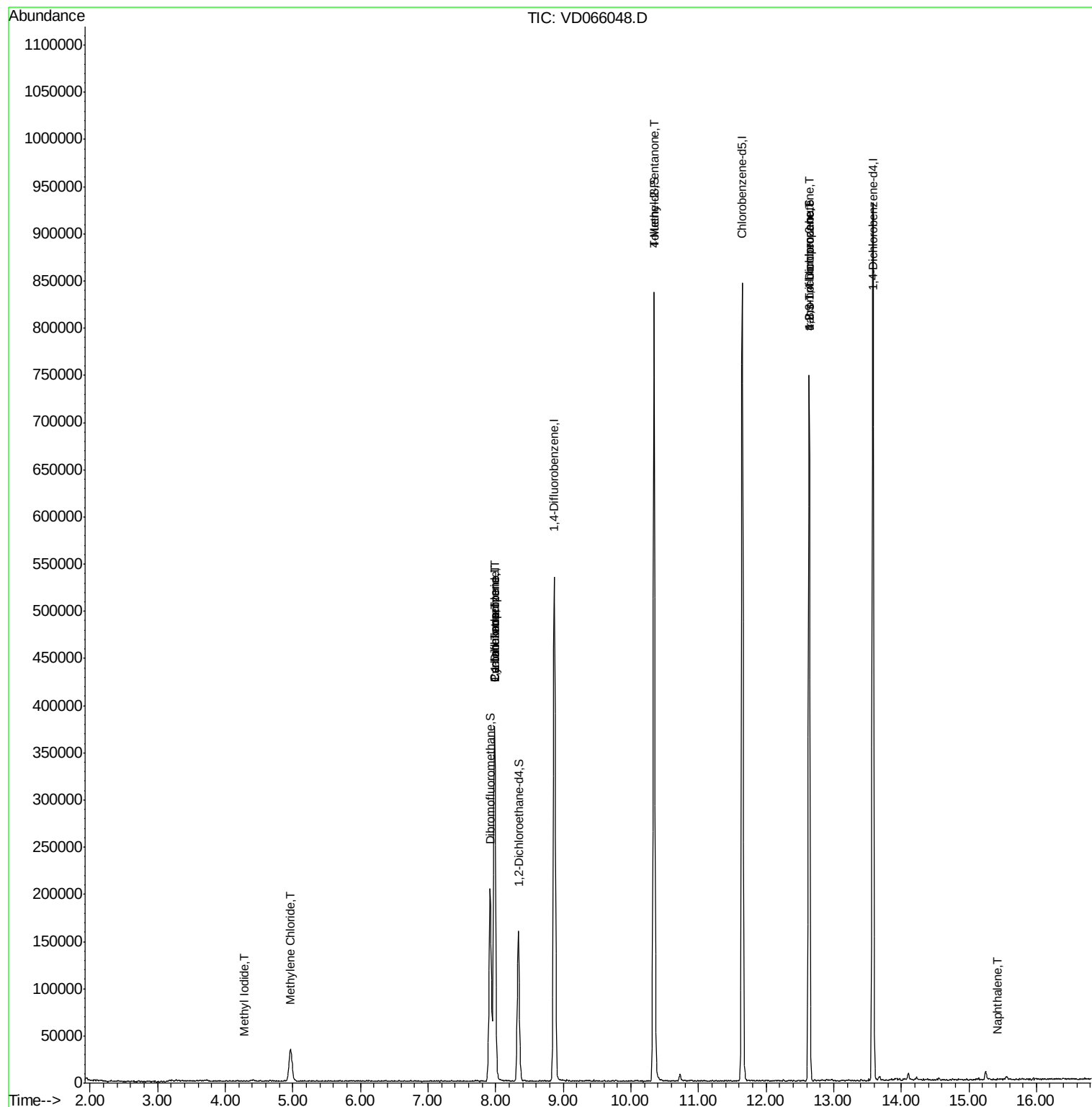
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	500940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	127066	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.92	113	145468	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.34	98	572804	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	225241	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	58	8.831	ug/l #	42
20) Methylene Chloride	4.96	84	27685	7.562	ug/l	90
31) Cyclohexane	7.98	56	5948	1.347	ug/l #	16
36) 1,1-Dichloropropene	7.98	75	19902	4.867	ug/l #	48
38) Carbon Tetrachloride	7.98	117	27584	6.216	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	2534	1.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	114138	56.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	114138	130.627	ug/l #	11
95) Naphthalene	15.42	128	60	3.554	ug/l #	68

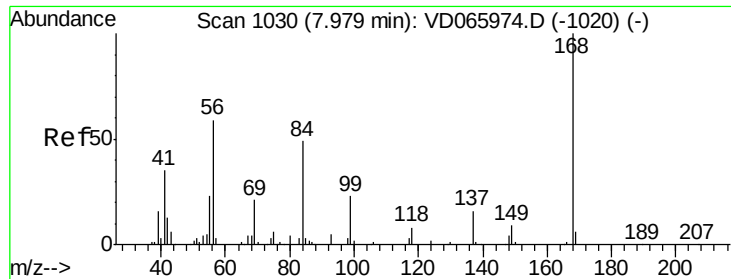
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. 0.01 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

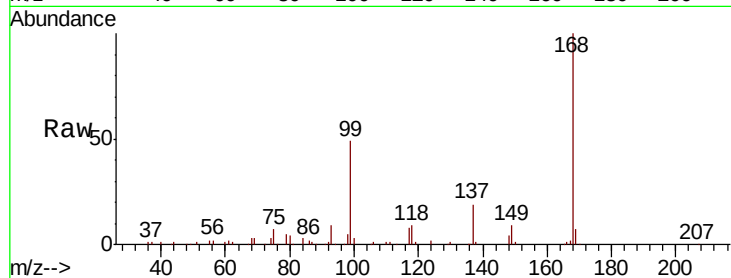
CRT-002

Tot Ion:168 Resp: 301630

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

7.98

150000

100000

50000

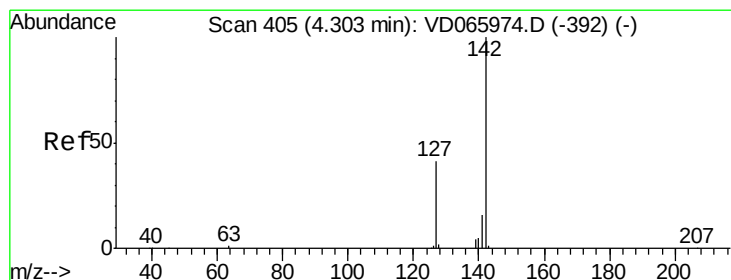
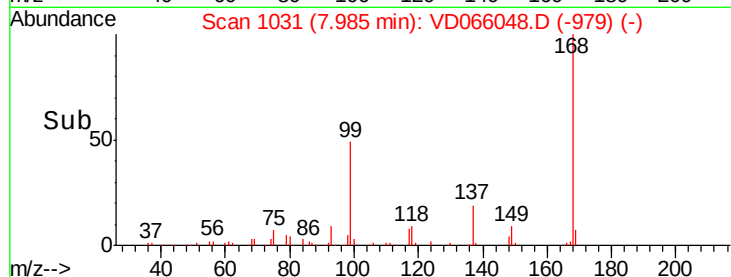
0

Time-->

7.90

8.00

8.10



#10

Methyl Iodide

Concen: 8.831 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

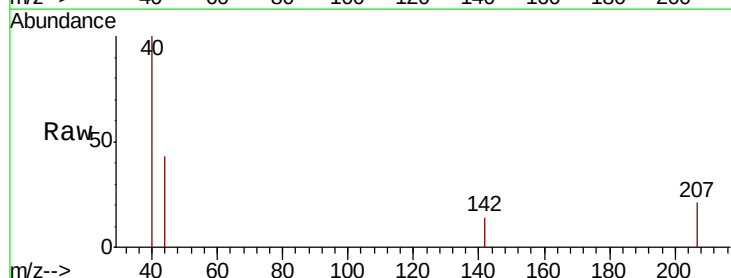
Tgt Ion:142 Resp: 58

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

150

100

50

0

Time-->

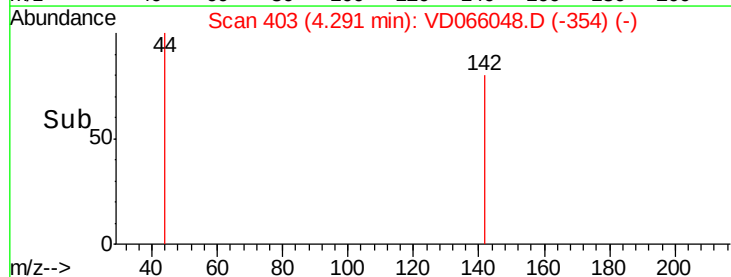
4.27

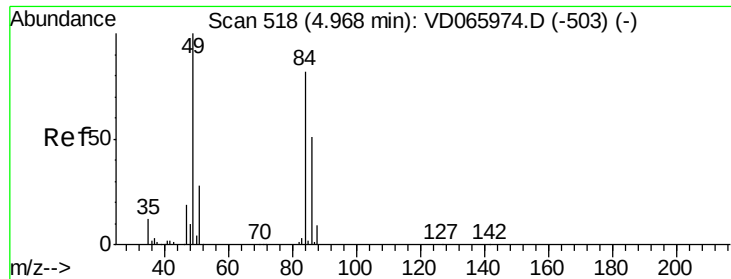
4.28

4.29

4.30

4.31

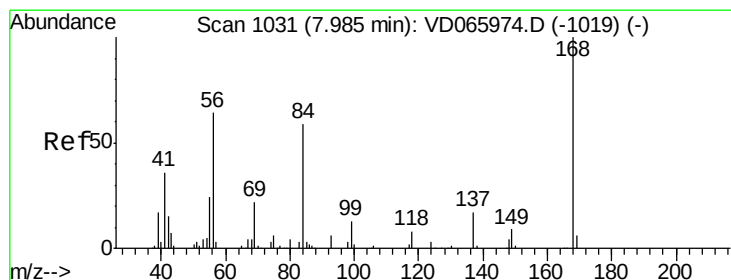
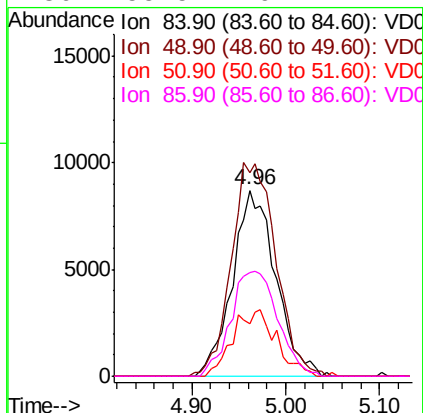
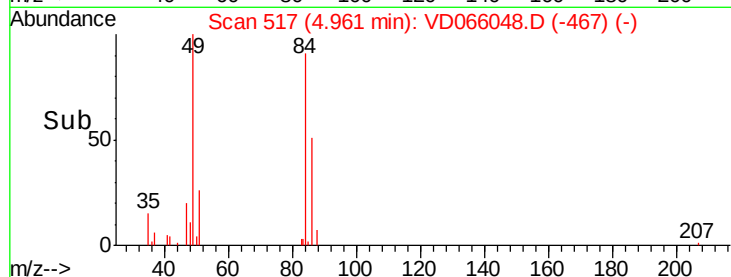
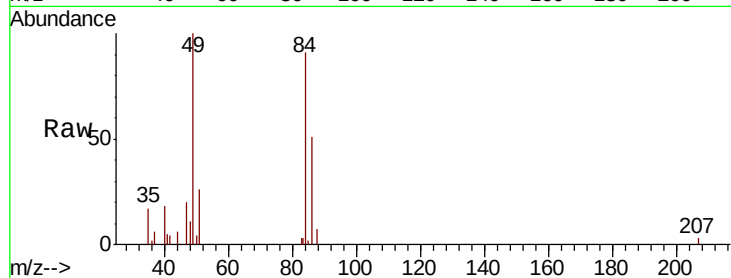




#20
Methylene Chloride
Concen: 7.562 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

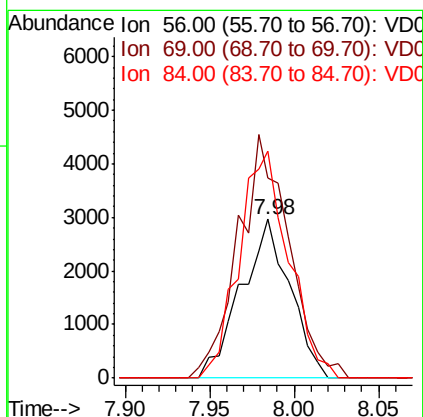
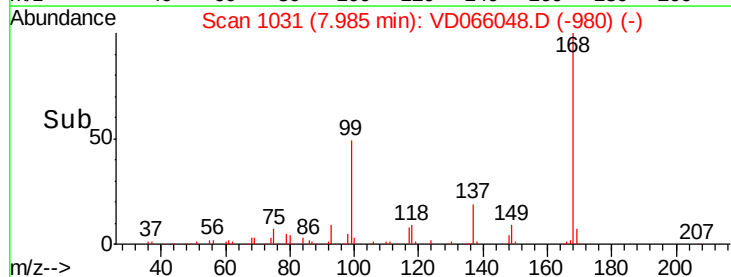
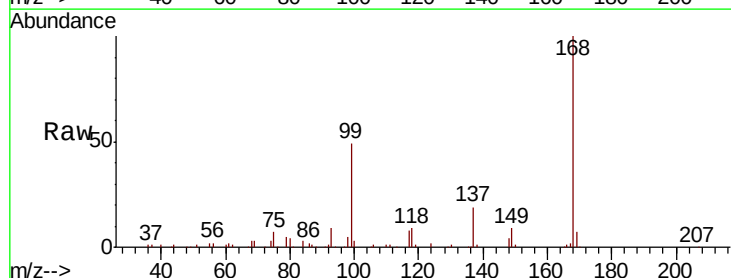
Instrument :
MSVOA_D
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CRT-002

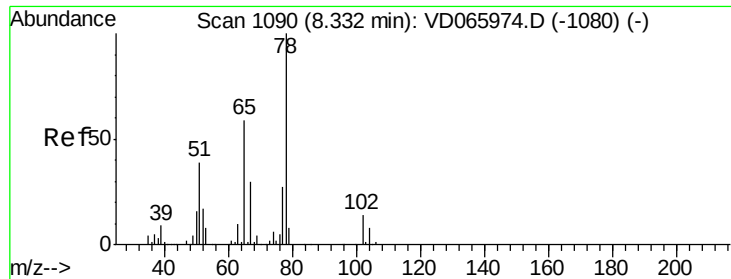
Tot Ion: 84 Resp: 27685
Ion Ratio Lower Upper
84 100
49 109.5 97.7 146.5
51 28.3 27.4 41.2
86 55.5 49.4 74.2



#31
Cyclohexane
Concen: 1.347 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

Tgt Ion: 56 Resp: 5948
Ion Ratio Lower Upper
56 100
69 126.5 28.0 42.0#
84 143.3 72.6 109.0#

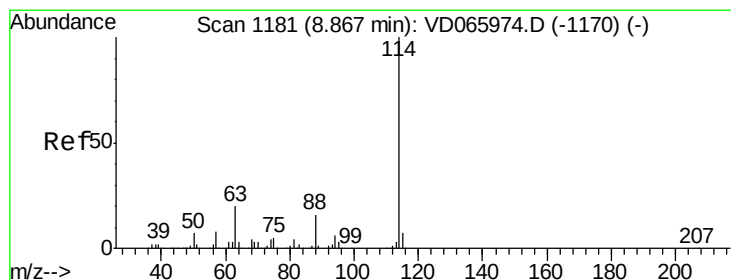
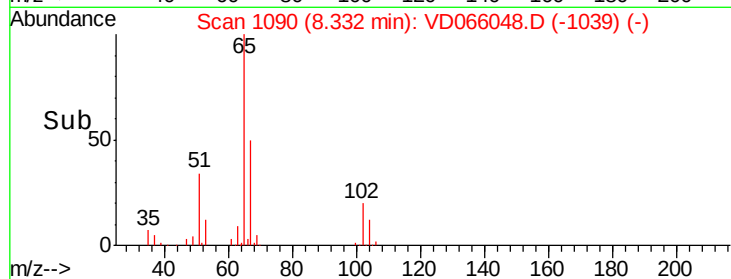
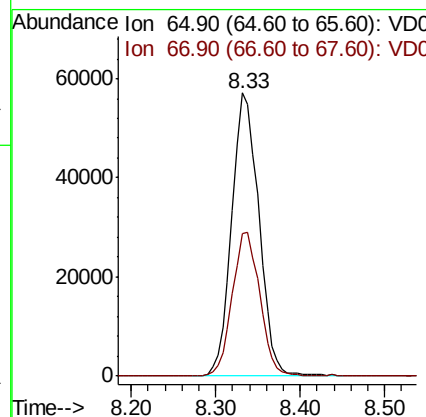
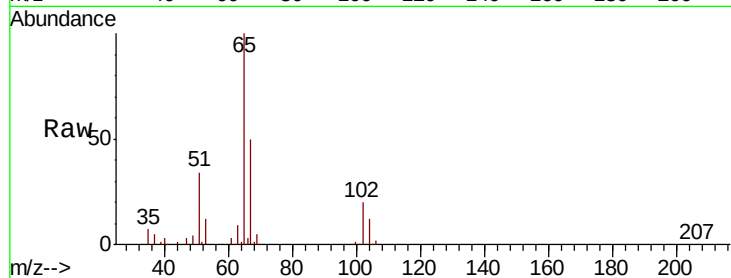




#33
 1,2-Dichloroethane-d4
 Concen: 51.772 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

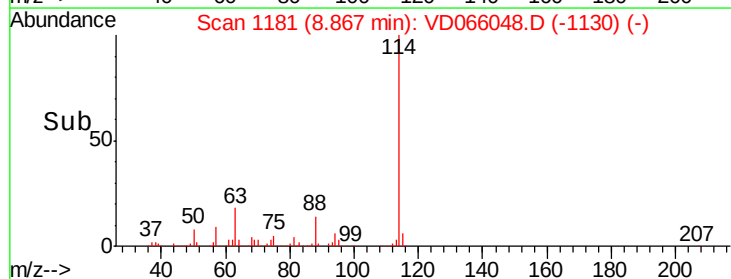
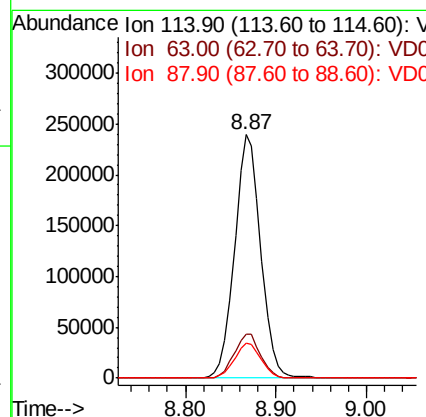
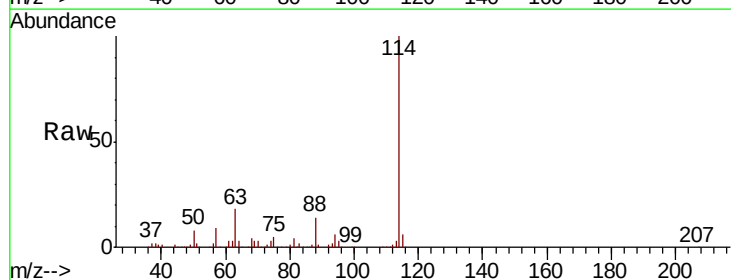
Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

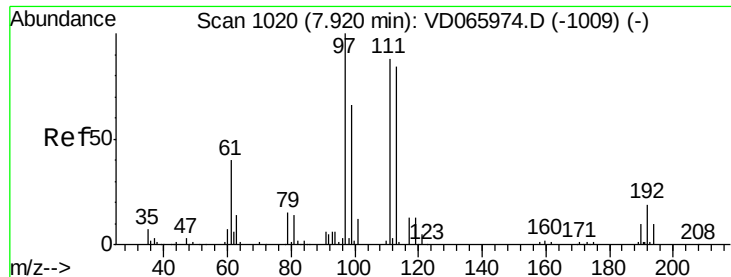
Tot Ion: 65 Resp: 127066
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

Tgt Ion: 114 Resp: 479181
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.6
 88 14.4 0.0 31.2

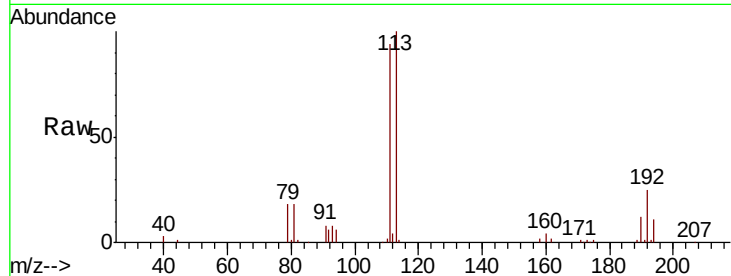




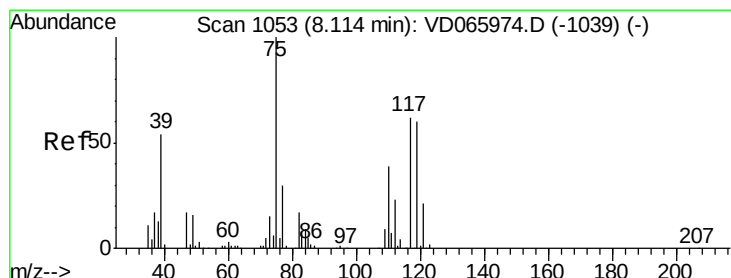
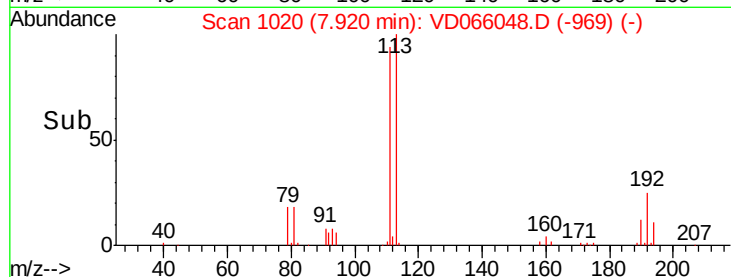
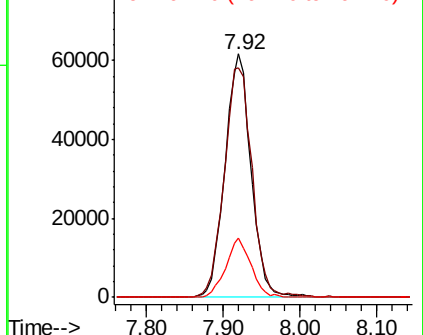
#35
 Dibromofluoromethane
 Concen: 50.051 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

Tot Ion:113 Resp: 145468
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.2 124.8
 192 23.4 18.7 28.1

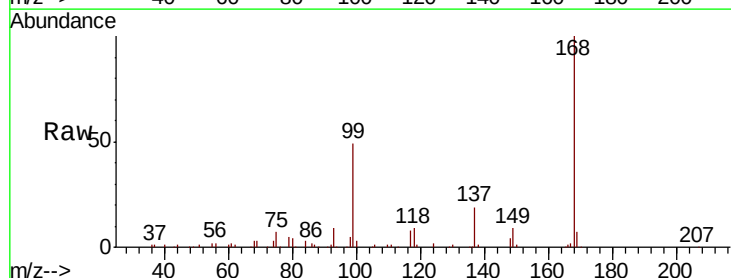


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

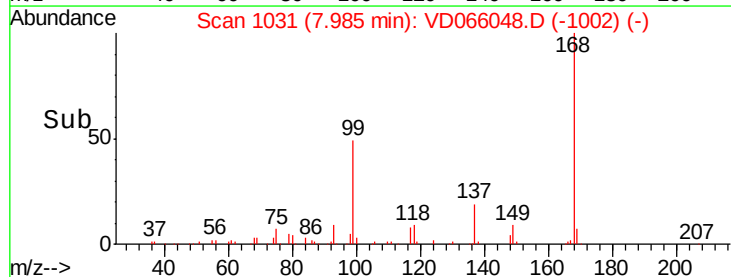
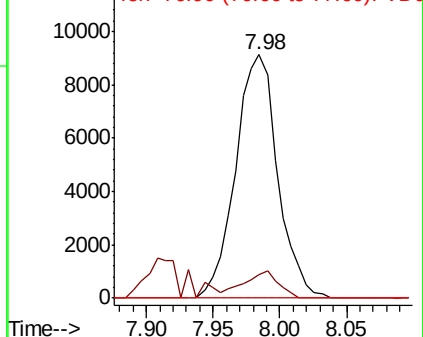


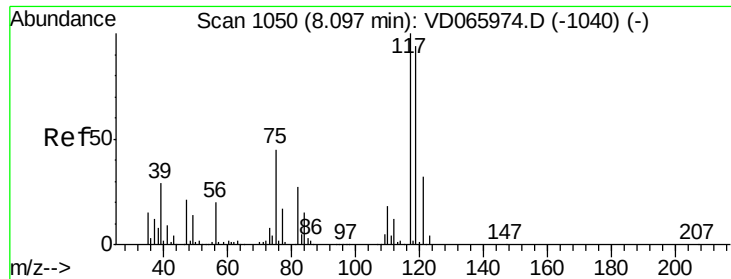
#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

Tgt Ion: 75 Resp: 19902
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.5 58.5#
 77 0.0 24.7 37.1#



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: 6.216 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

CRT-002

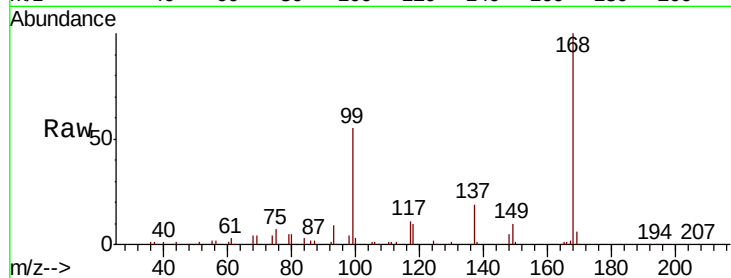
Tot Ion:117 Resp: 27584

Ion Ratio Lower Upper

117 100

119 4.6 75.0 112.6#

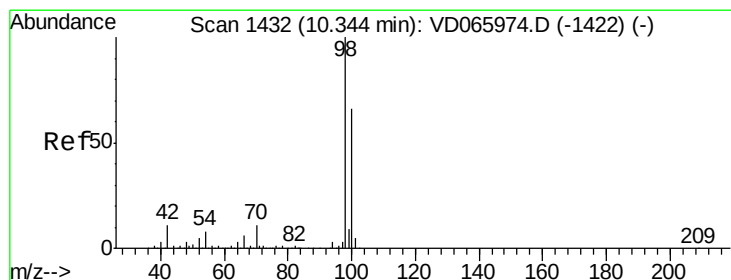
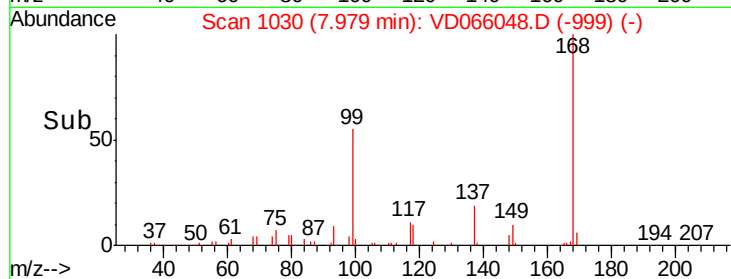
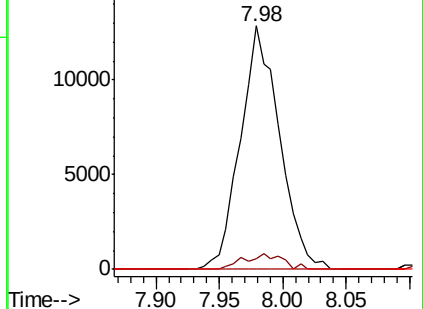
121 0.0 25.5 38.3#



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: 52.905 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066048.D

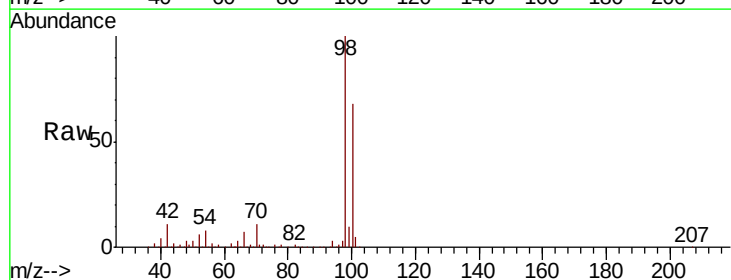
Acq: 24 Jul 2020 15:39

Tgt Ion: 98 Resp: 572804

Ion Ratio Lower Upper

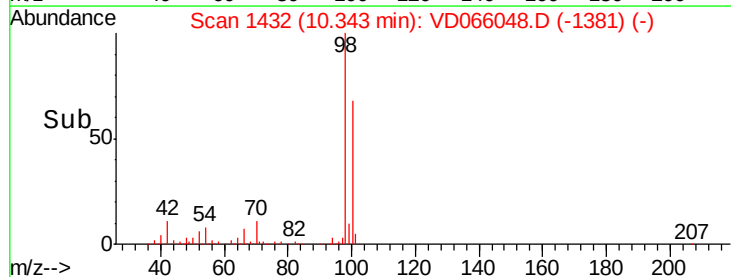
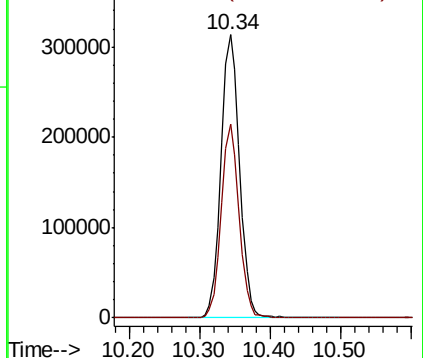
98 100

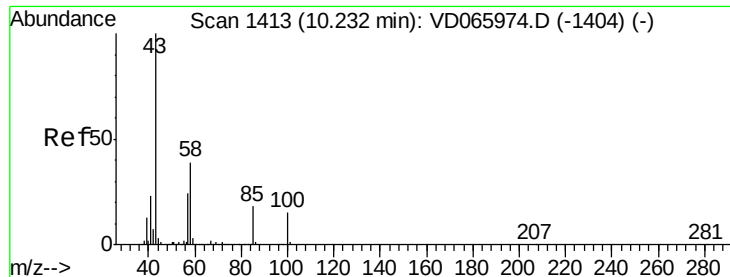
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.649 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

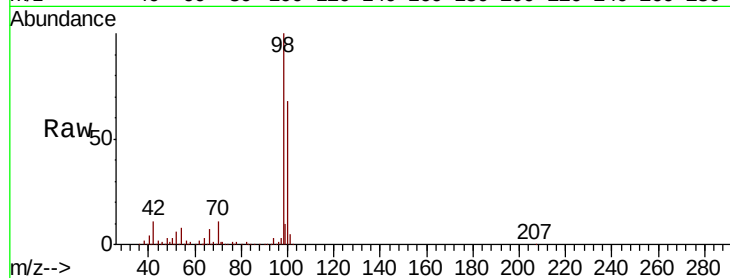
CRT-002

Tot Ion: 43 Resp: 2534

Ion Ratio Lower Upper

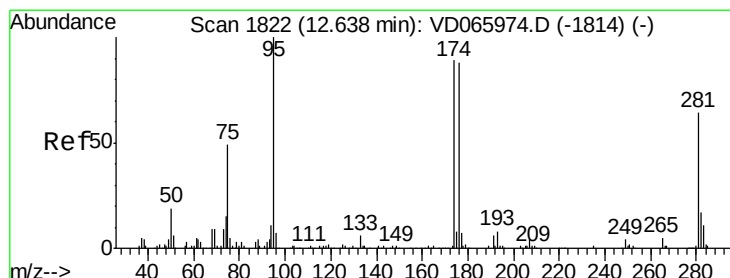
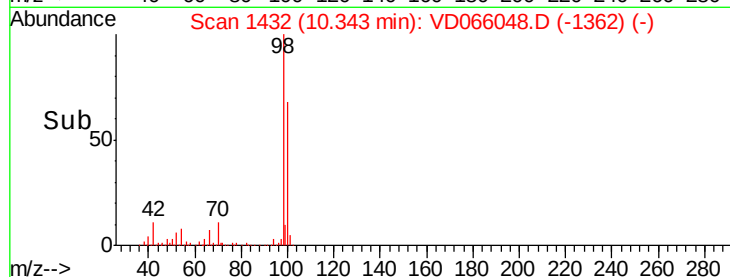
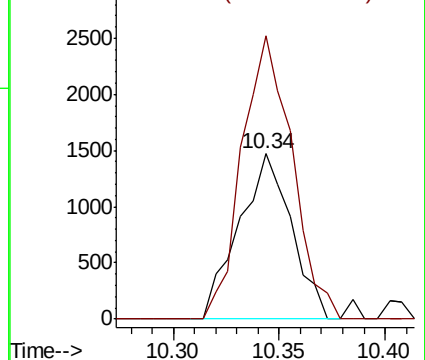
43 100

58 163.5 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.998 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

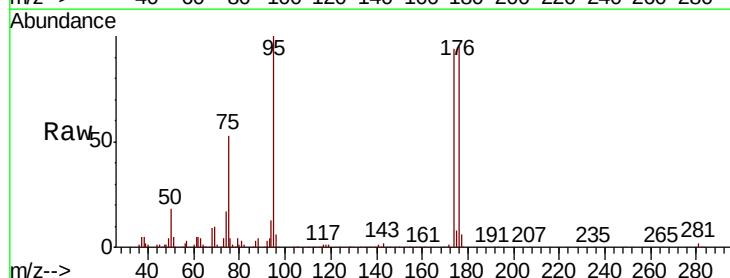
Tgt Ion: 95 Resp: 225241

Ion Ratio Lower Upper

95 100

174 96.0 0.0 178.8

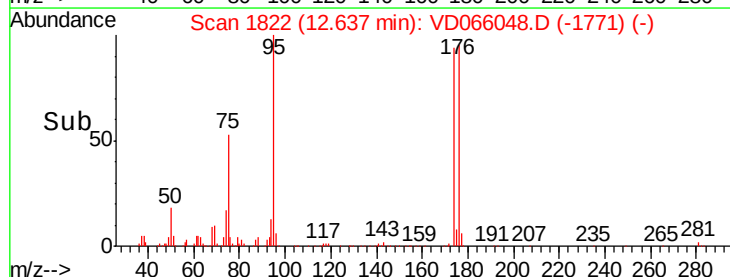
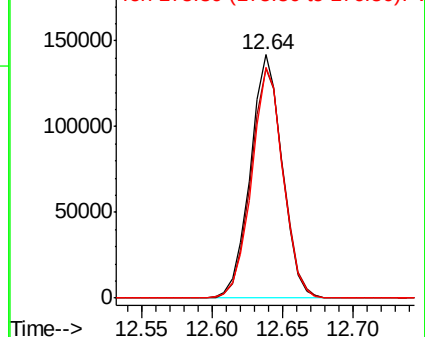
176 93.0 0.0 172.6

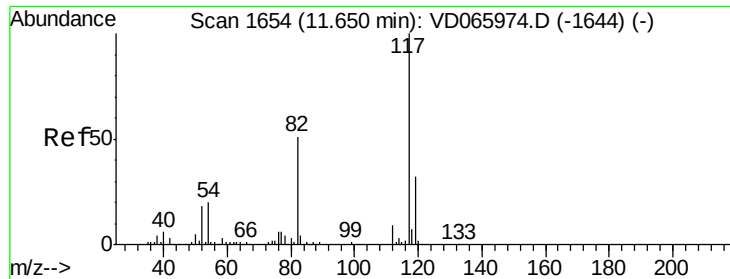


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

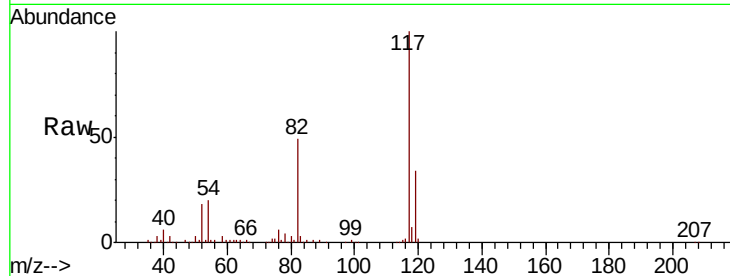




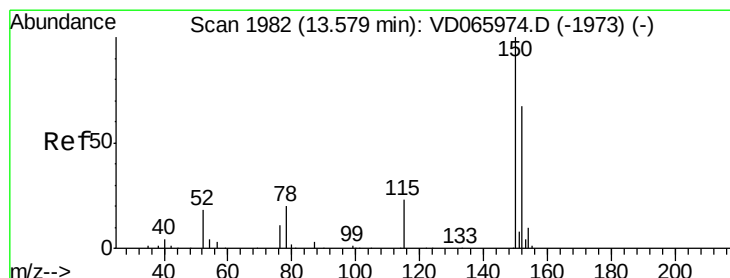
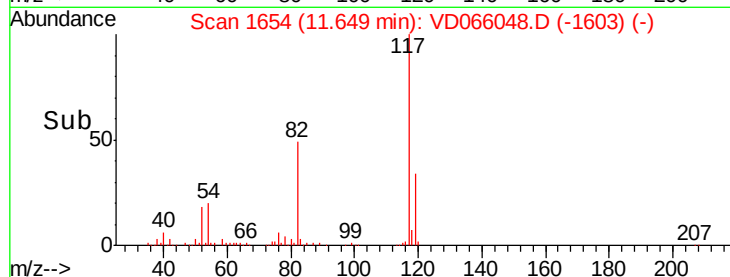
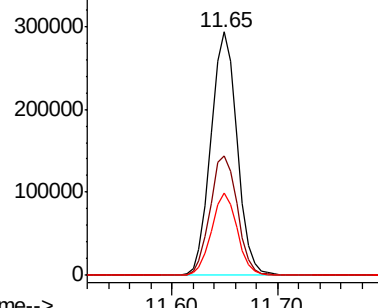
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
CRT-002

Tot Ion:117 Resp: 500940
Ion Ratio Lower Upper
117 100
82 49.2 41.1 61.7
119 33.7 25.9 38.9

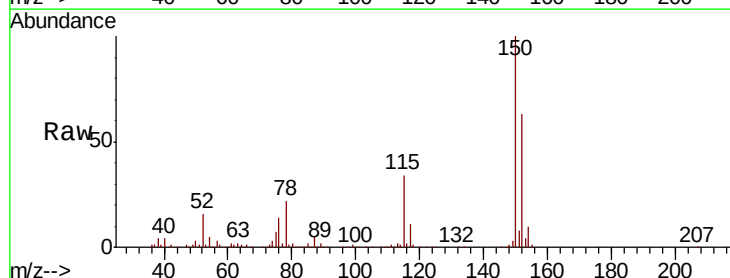


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

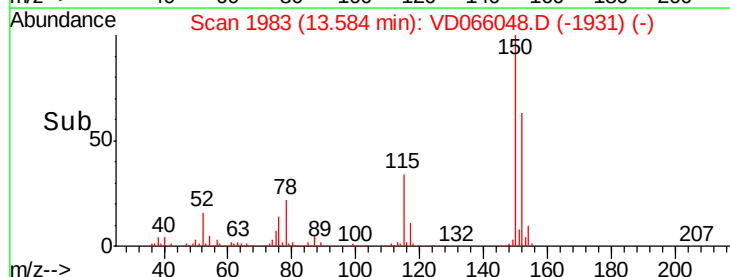
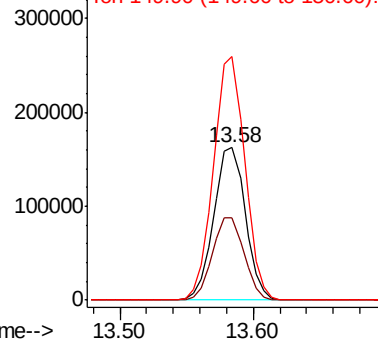


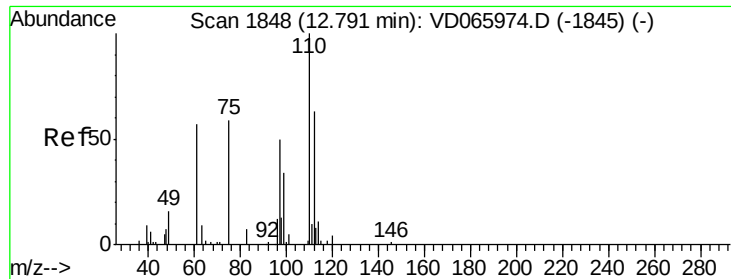
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

Tgt Ion:152 Resp: 266286
Ion Ratio Lower Upper
152 100
115 54.1 27.9 83.7
150 158.0 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

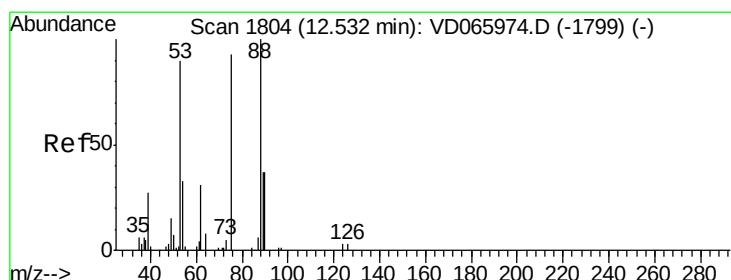
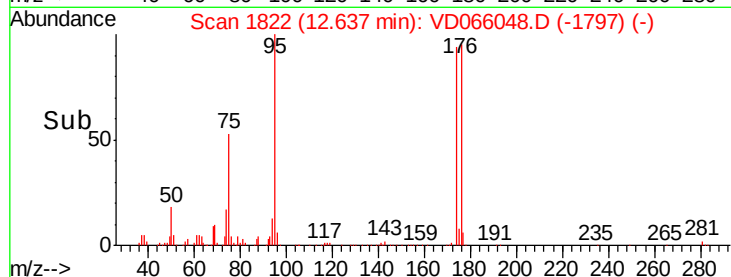
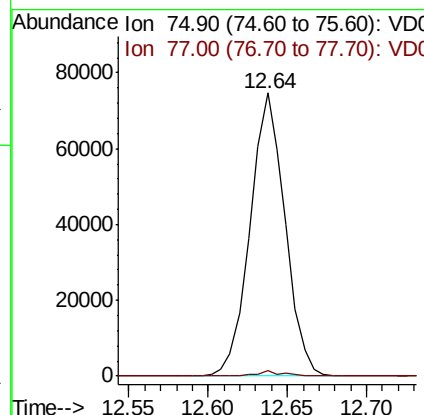
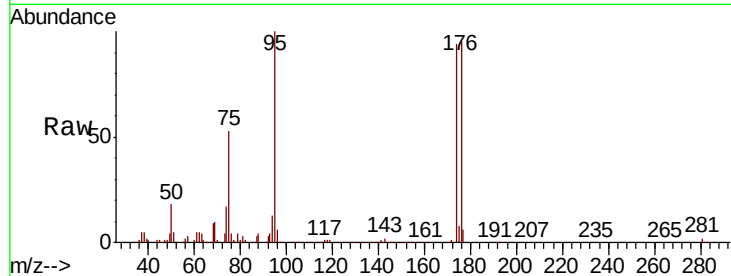




#76
 1,2,3-Trichloropropane
 Concen: 56.927 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

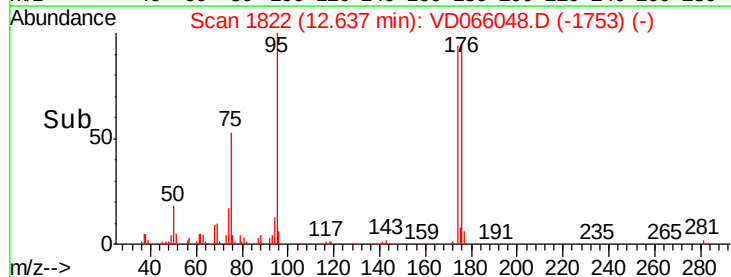
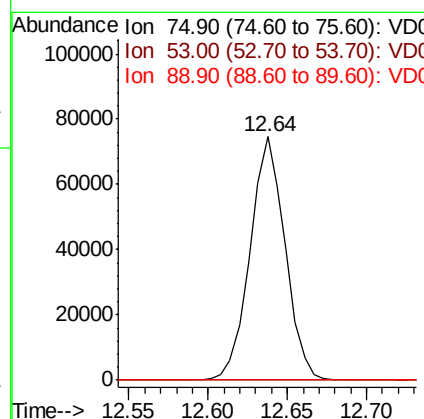
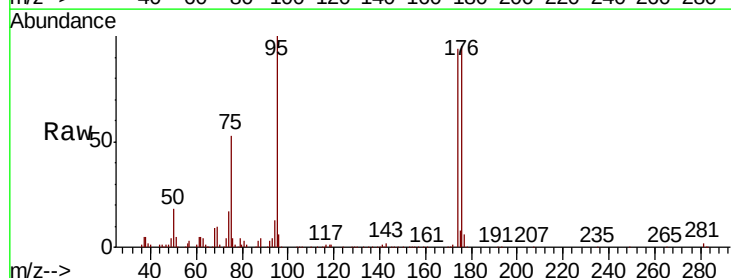
Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

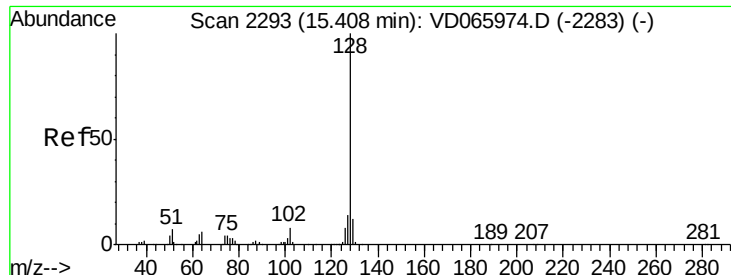
Tot Ion: 75 Resp: 114138
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.627 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

Tgt Ion: 75 Resp: 114138
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 0.0 37.0 55.4#

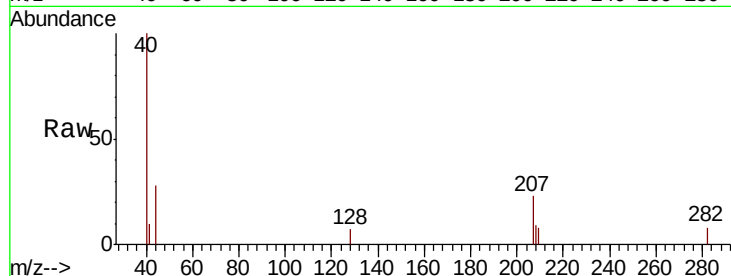




#95
 Naphthalene
 Concen: 3.554 ug/l
 RT: 15.42 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

Tot 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

