

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065984.D
 Acq On : 21 Jul 2020 17:07
 Operator : VA/SY
 Sample : L3308-10
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10RE

Quant Time: Jul 21 17:28:43 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	296504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	535853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	536814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243320	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	147451	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
35) Dibromofluoromethane	7.92	113	169926	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	10.34	98	648867	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.64	95	227667	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	

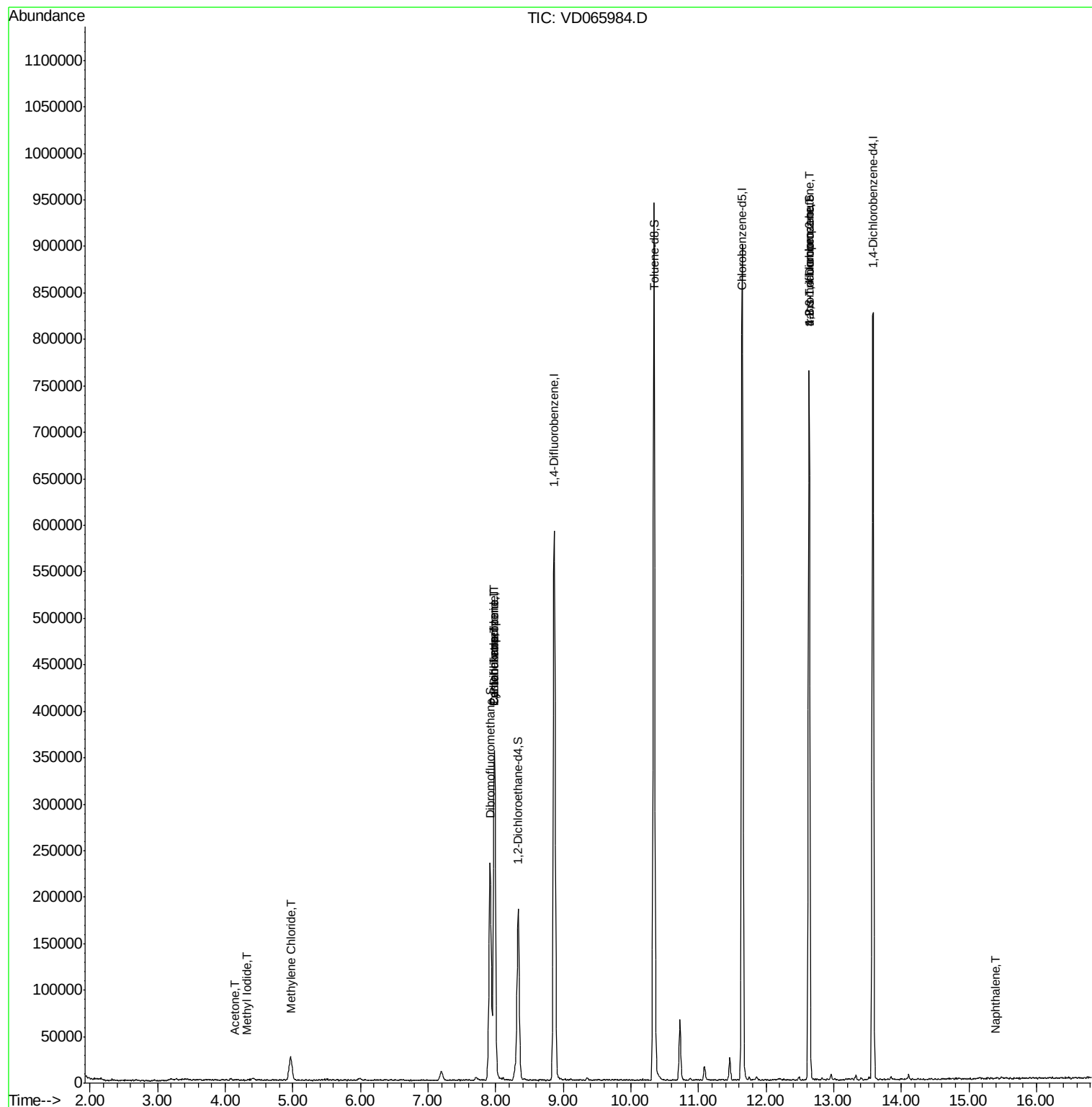
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	107	Below Cal	#	70
10) Methyl Iodide	4.31	142	116	8.849	ug/l #	53
11) Tert butyl alcohol	5.23	59	130	Below Cal	#	83
16) Acetone	4.15	43	660	1.351	ug/l #	75
20) Methylene Chloride	4.97	84	19993	4.719	ug/l #	81
31) Cyclohexane	7.98	56	6329	1.458	ug/l #	37
36) 1,1-Dichloropropene	7.98	75	20803	4.549	ug/l #	48
38) Carbon Tetrachloride	7.98	117	27205	5.482	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	109915	59.995	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	109915	137.667	ug/l #	11
95) Naphthalene	15.40	128	395	3.595	ug/l #	68

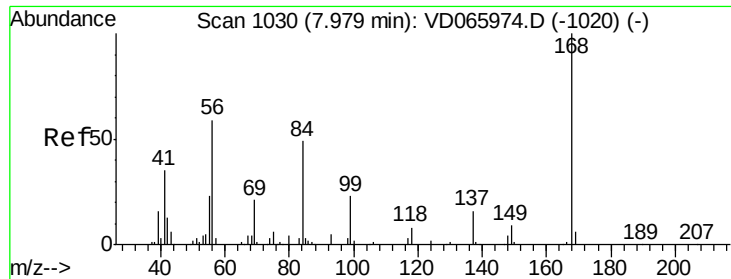
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
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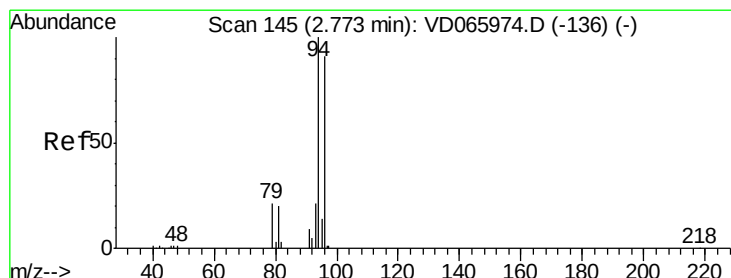
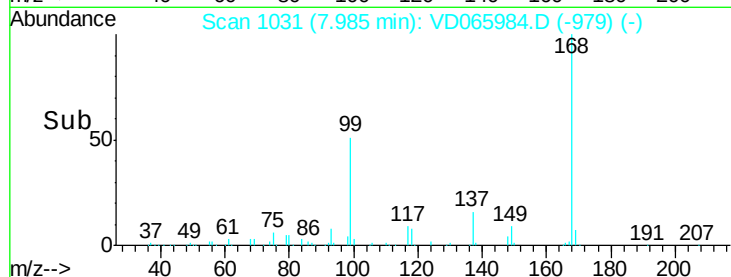
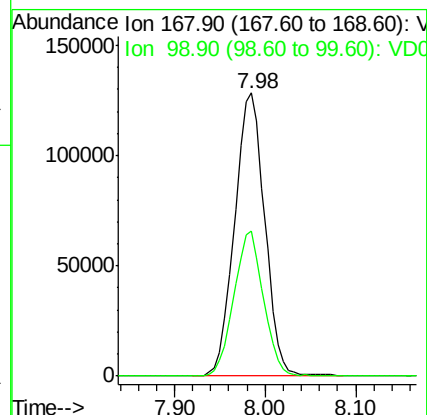
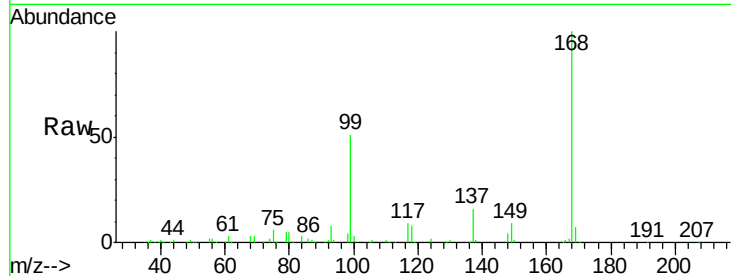




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

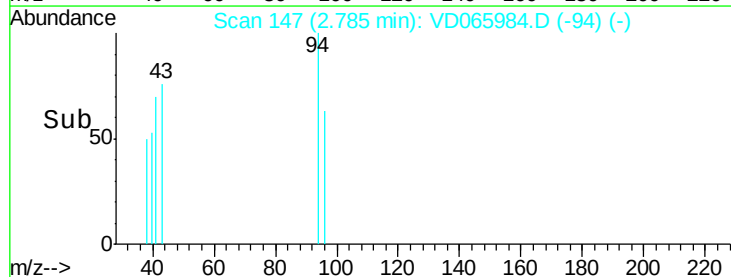
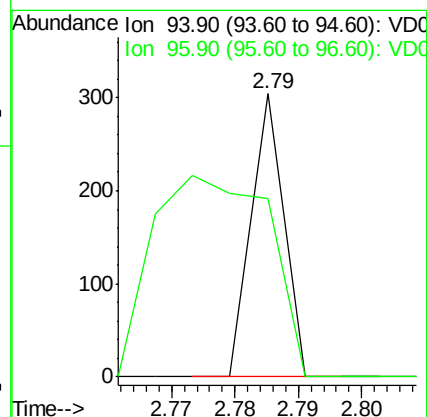
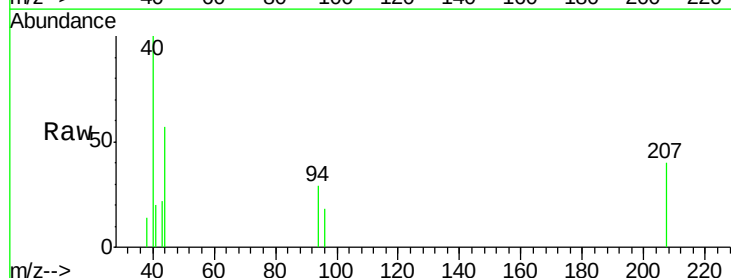
Instrument :
MSVOA_D
ClientSampleId :
10RE

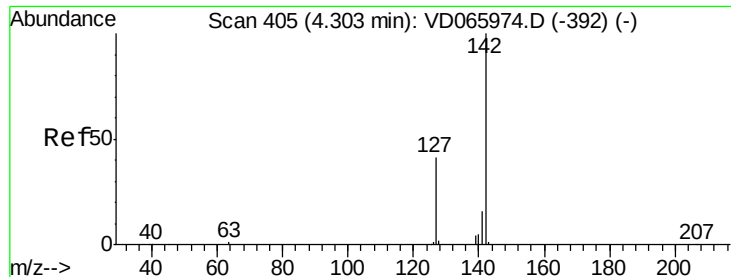
Tgt Ion: 168 Resp: 296504
Ion Ratio Lower Upper
168 100
99 51.1 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 63.2 73.0 109.4#

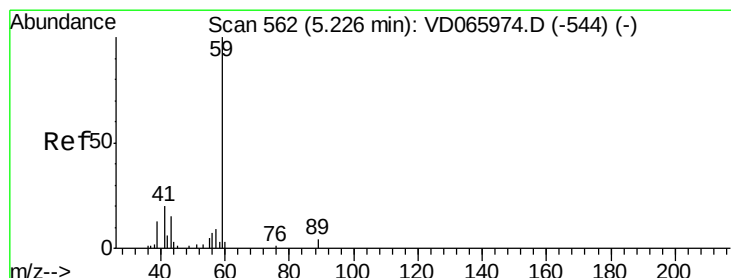
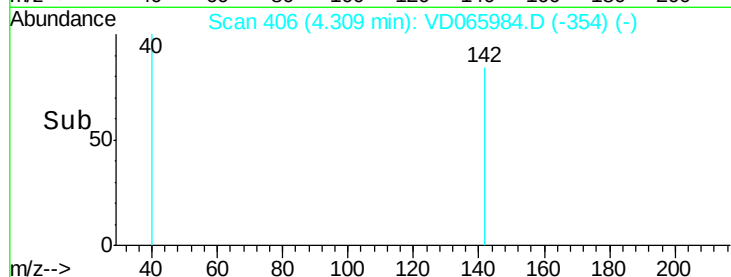
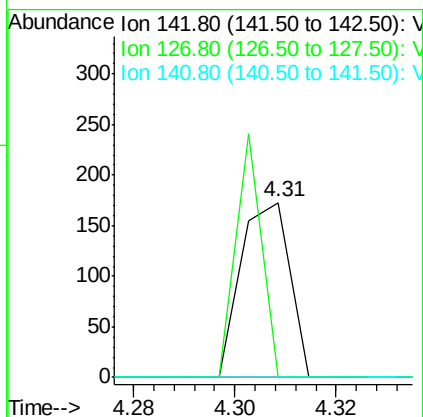
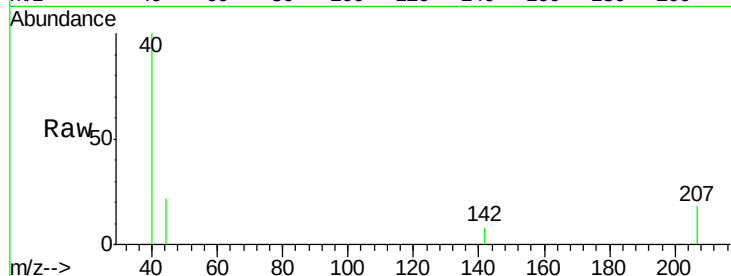




#10
Methyl Iodide
Concen: 8.849 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

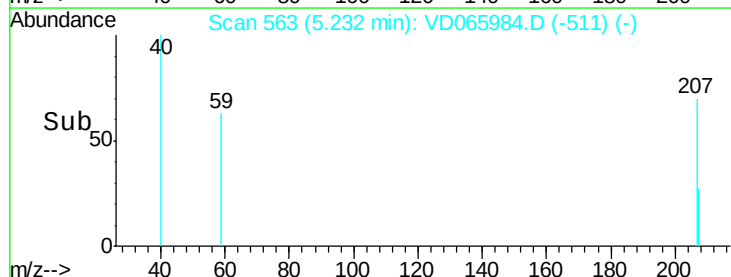
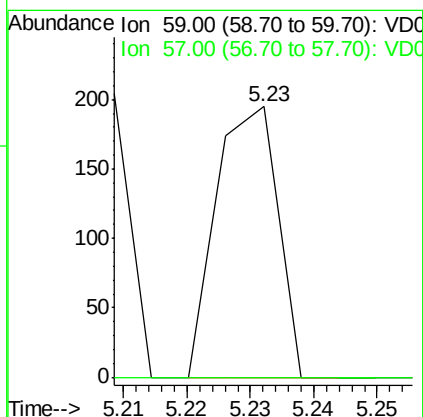
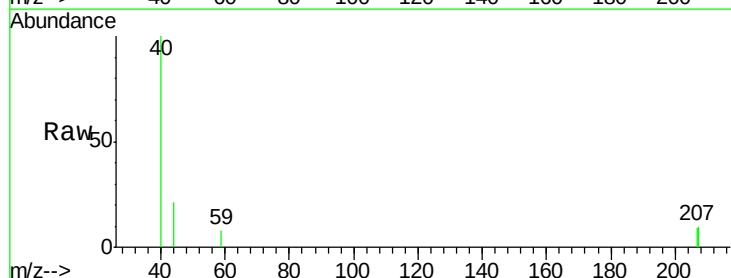
Instrument :
MSVOA_D
ClientSampled :
10RE

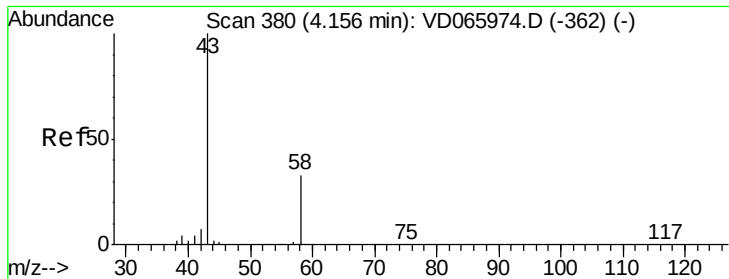
Tgt Ion: 142 Resp: 116
Ion Ratio Lower Upper
142 100
127 73.3 32.9 49.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#





#16

Acetone

Concen: 1.351 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

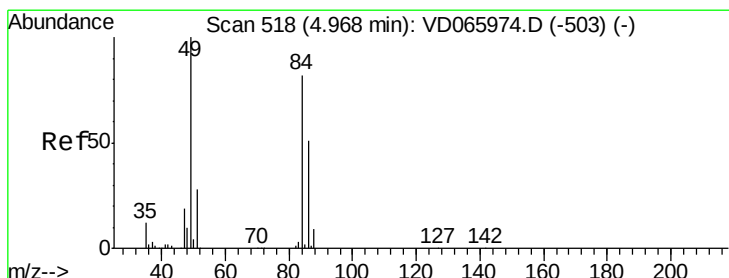
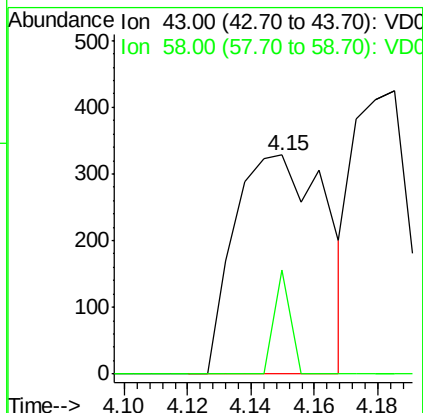
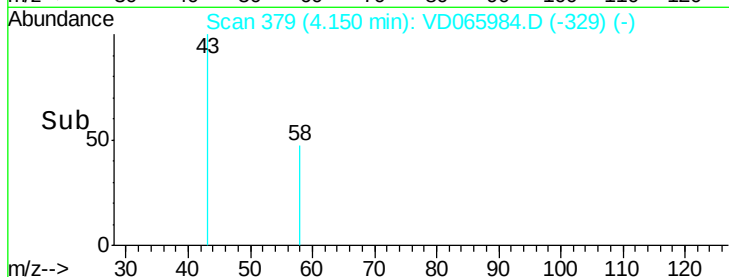
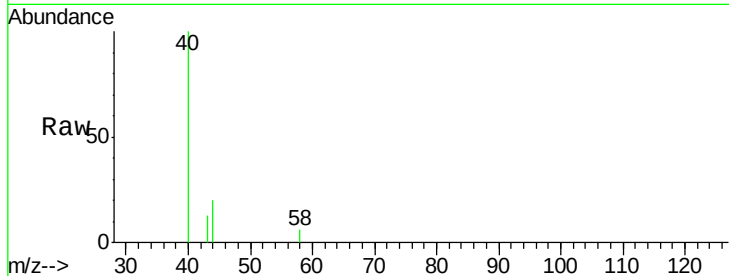
10RE

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 47.3 26.3 39.5#



#20

Methylene Chloride

Concen: 4.719 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

Tgt Ion: 84 Resp: 19993

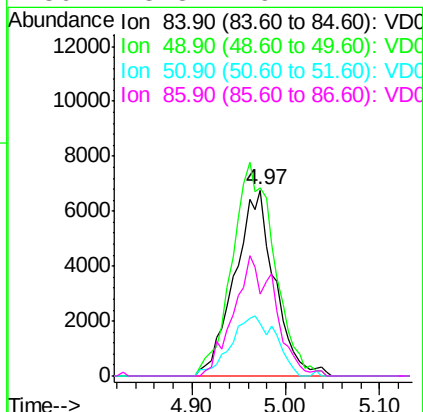
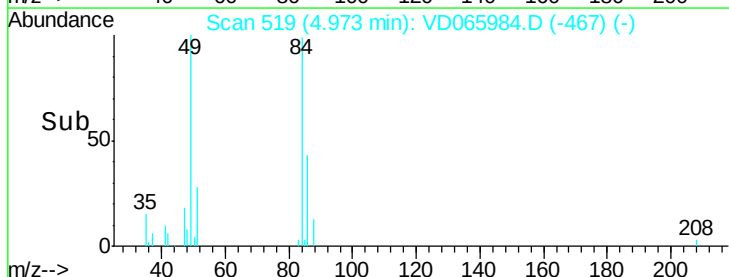
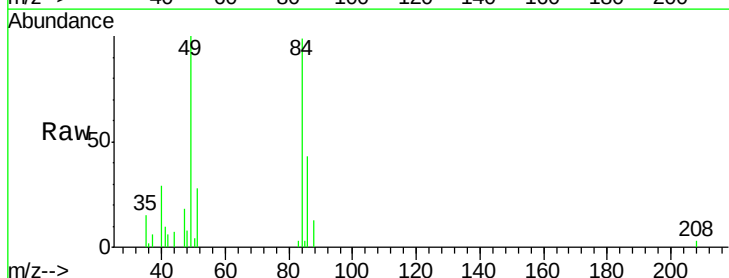
Ion Ratio Lower Upper

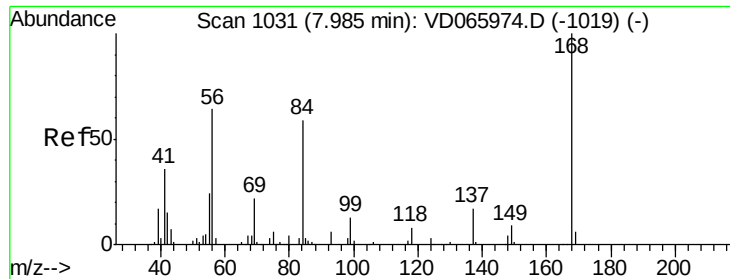
84 100

49 101.3 97.7 146.5

51 28.4 27.4 41.2

86 43.8 49.4 74.2#

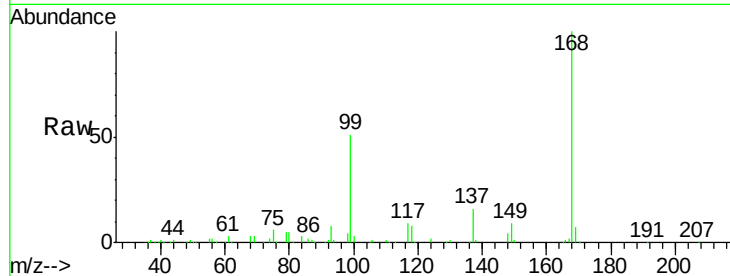




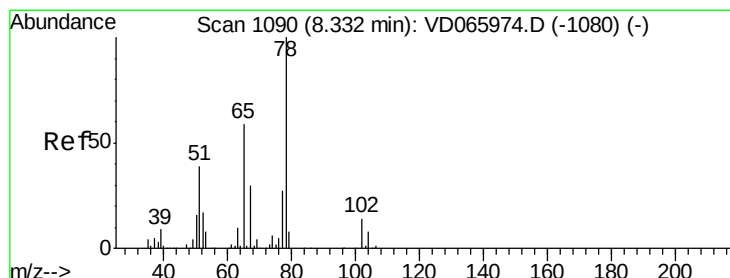
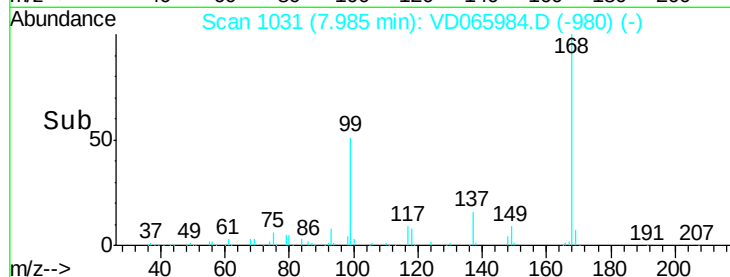
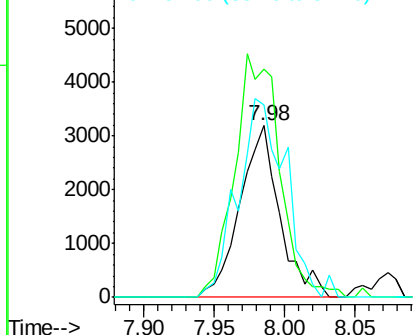
#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Instrument :
MSVOA_D
ClientSampled :
10RE

Tgt Ion: 56 Resp: 6329
Ion Ratio Lower Upper
56 100
69 133.4 28.0 42.0#
84 112.0 72.6 109.0#

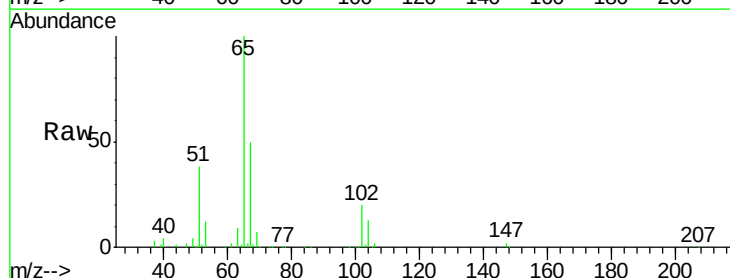


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

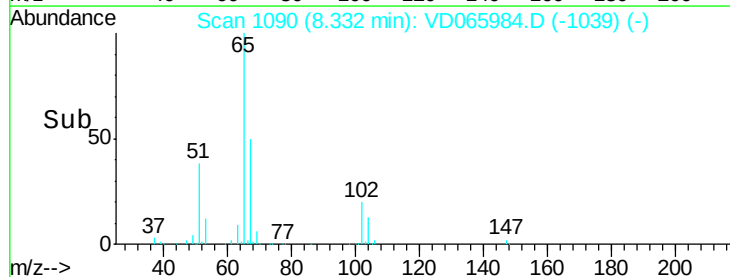
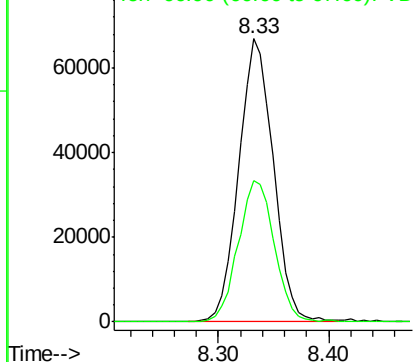


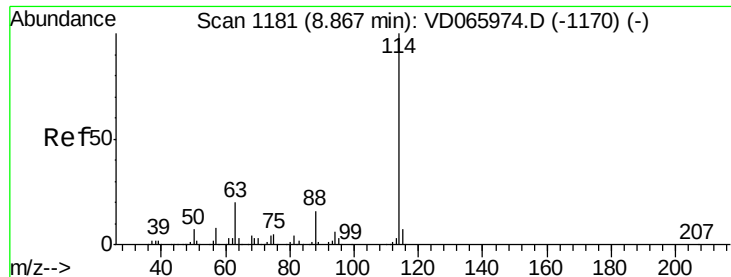
#33
1,2-Dichloroethane-d4
Concen: 61.116 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Tgt Ion: 65 Resp: 147451
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



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

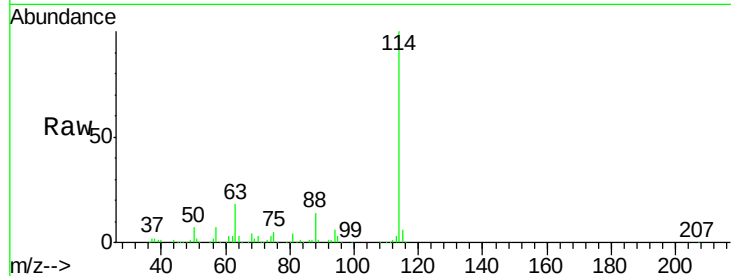




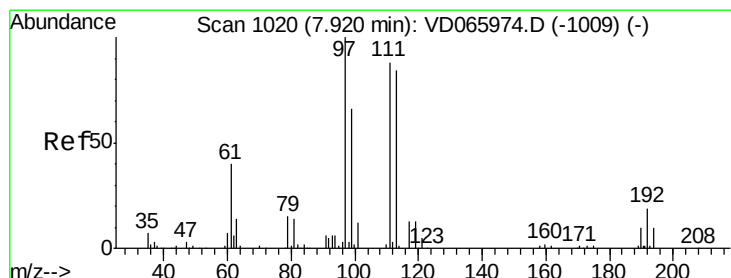
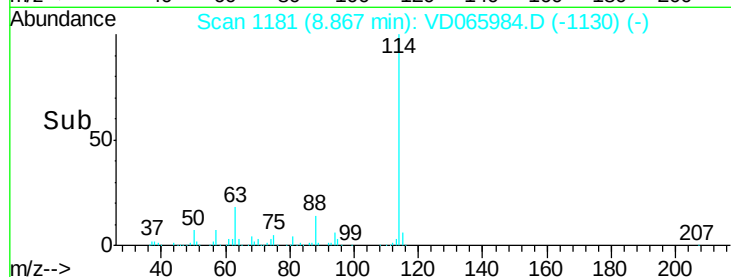
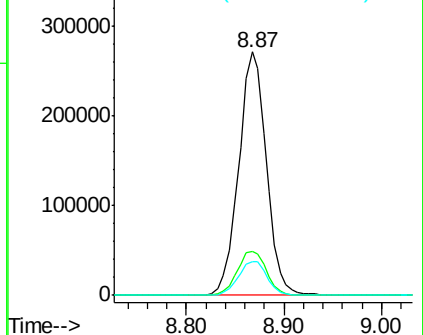
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065984.D
 Acq: 21 Jul 2020 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 10RE

Tgt Ion:114 Resp: 535853
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.6
 88 13.9 0.0 31.2

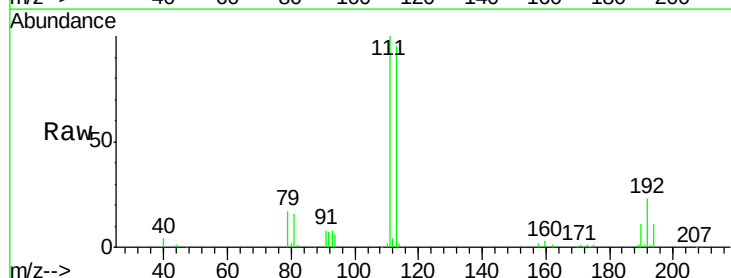


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

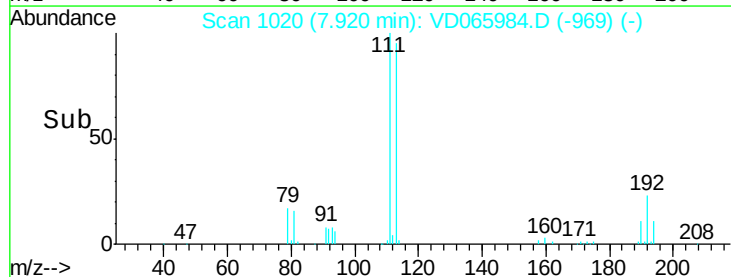
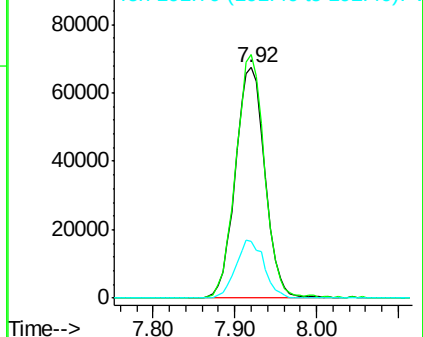


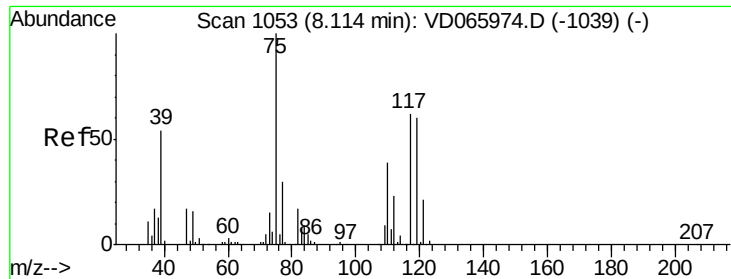
#35
 Dibromofluoromethane
 Concen: 52.283 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065984.D
 Acq: 21 Jul 2020 17:07

Tgt Ion:113 Resp: 169926
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 24.2 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

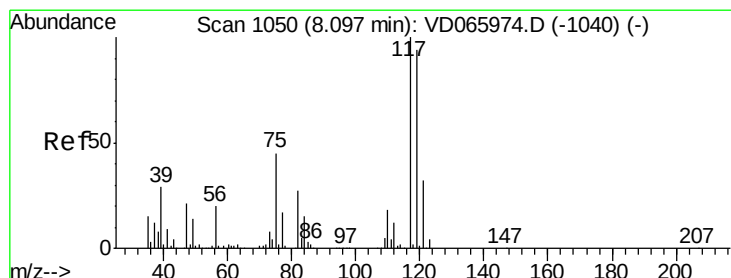
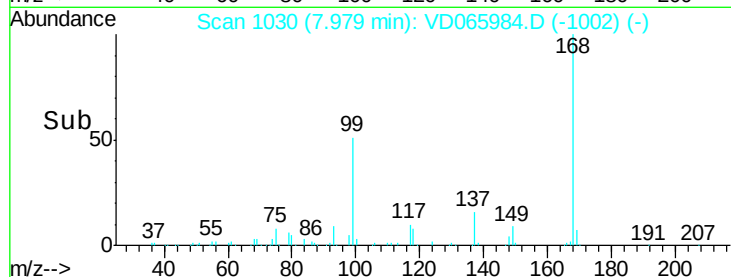
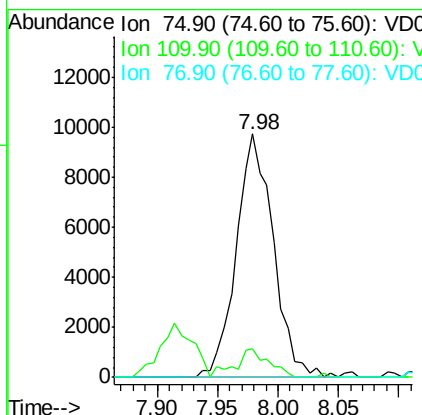
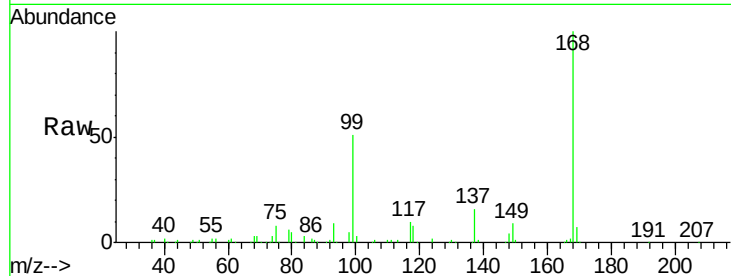




#36
 1,1-Dichloropropene
 Concen: 4.549 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065984.D
 Acq: 21 Jul 2020 17:07

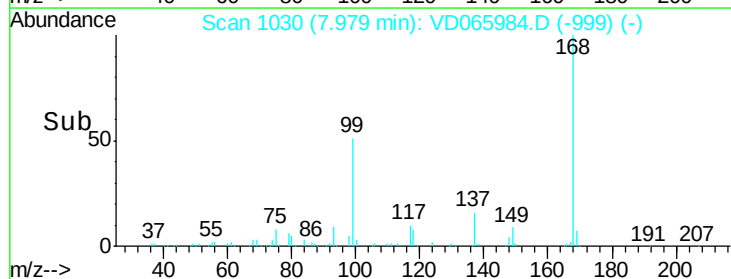
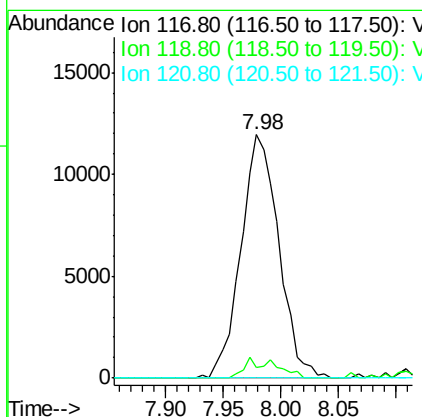
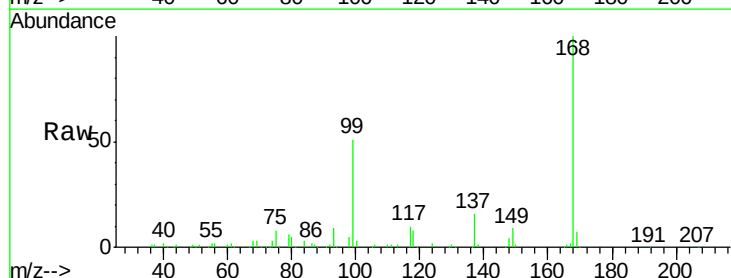
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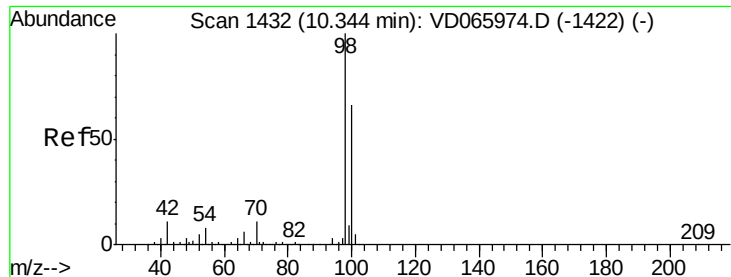
Tgt Ion: 75 Resp: 20803
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.482 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065984.D
 Acq: 21 Jul 2020 17:07

Tgt Ion: 117 Resp: 27205
 Ion Ratio Lower Upper
 117 100
 119 4.5 75.0 112.6#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 53.592 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

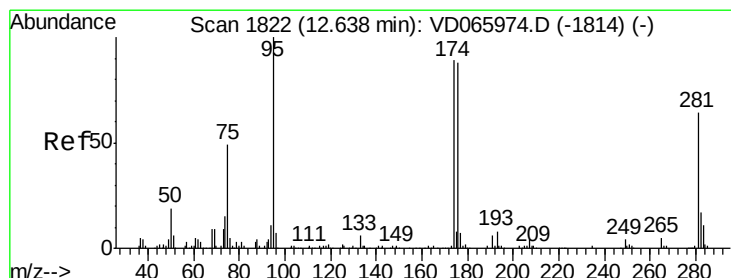
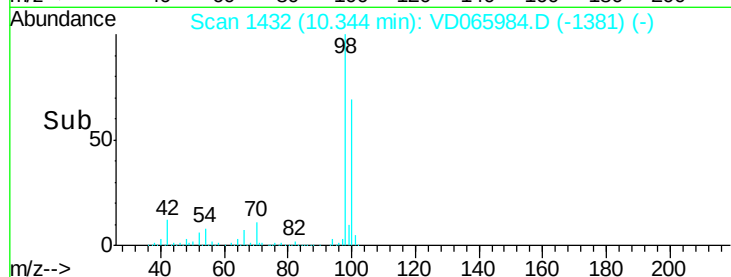
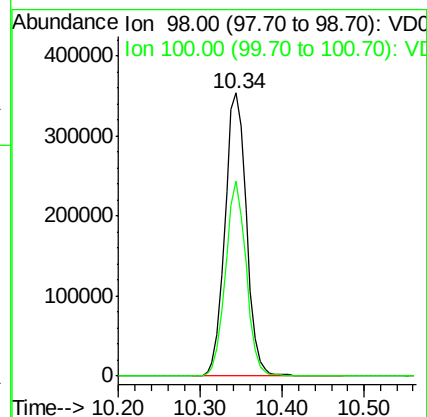
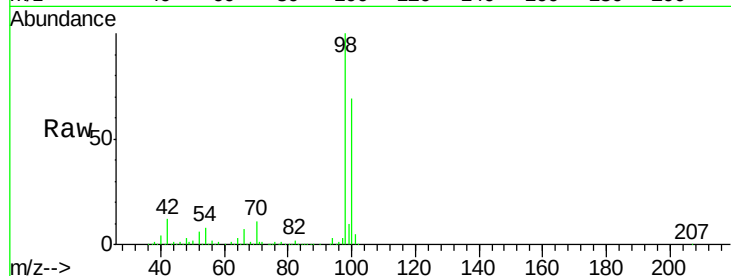
10RE

Tgt Ion: 98 Resp: 648867

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 54.230 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

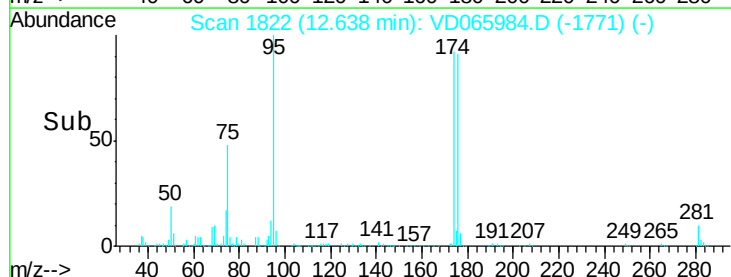
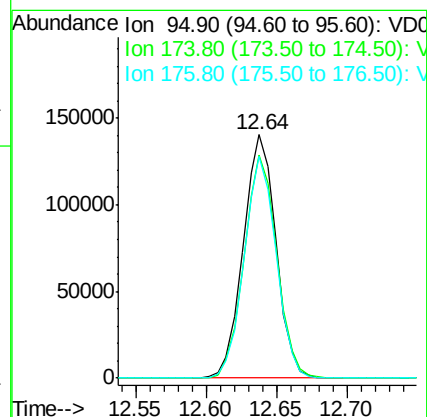
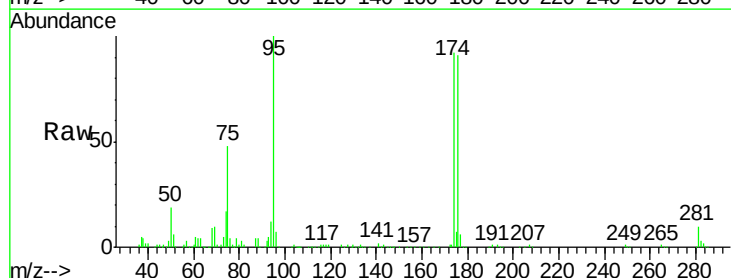
Tgt Ion: 95 Resp: 227667

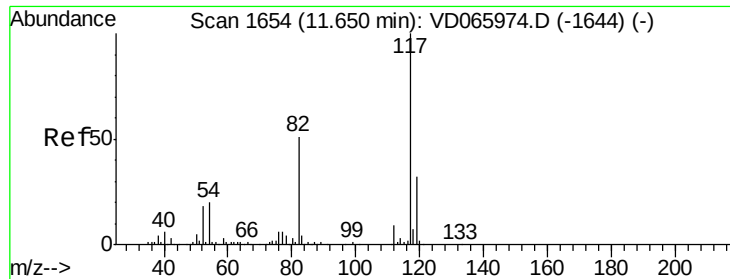
Ion Ratio Lower Upper

95 100

174 91.4 0.0 178.8

176 89.1 0.0 172.6

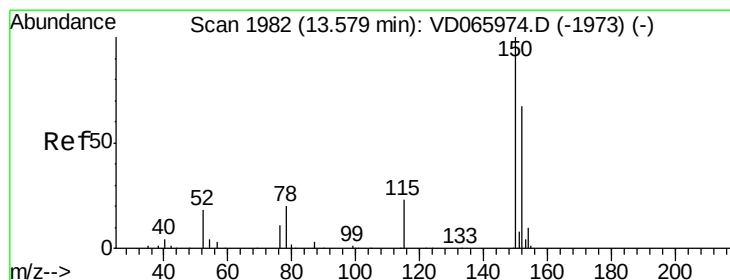
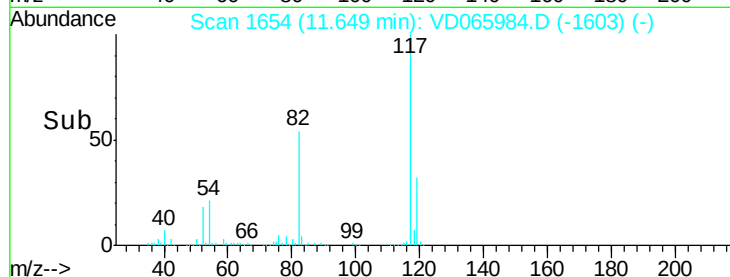
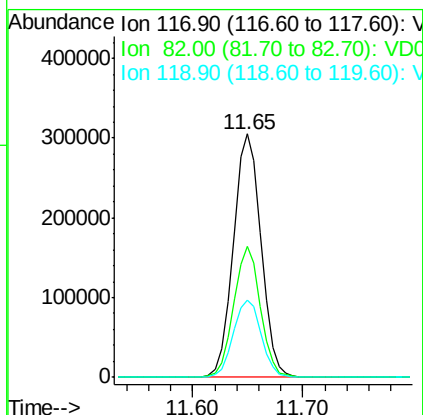
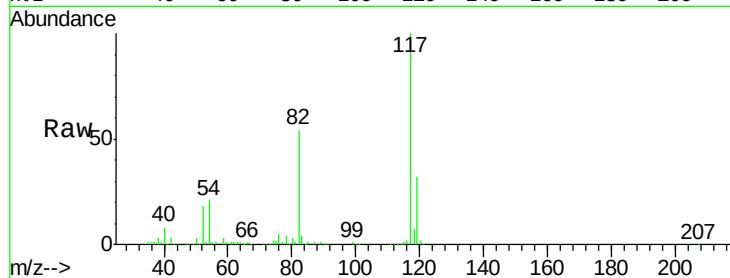




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

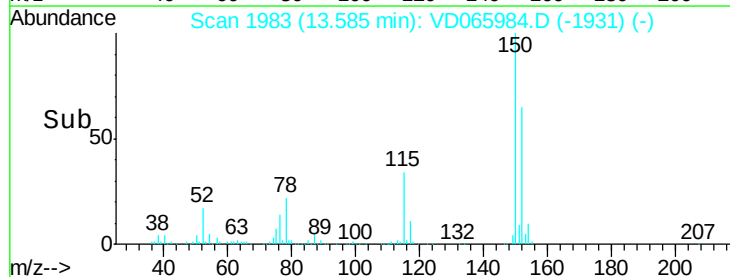
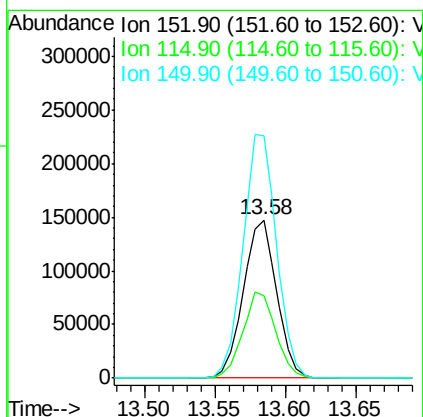
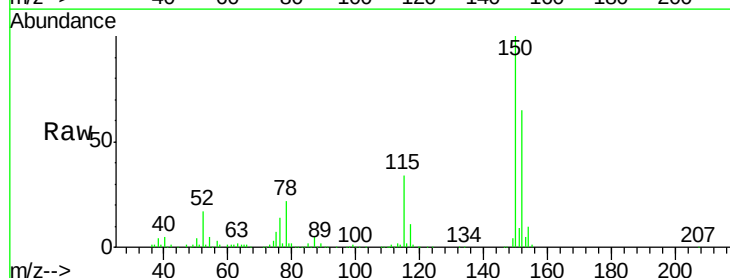
Instrument :
MSVOA_D
ClientSampleId :
10RE

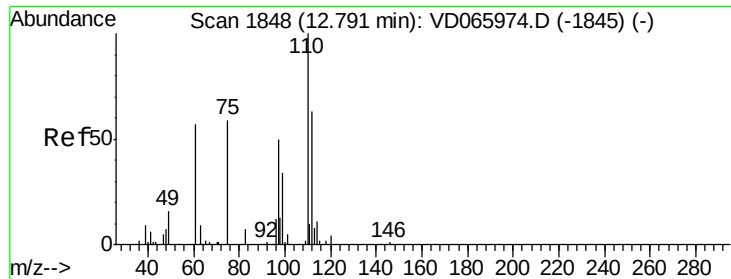
Tgt Ion:117 Resp: 536814
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Tgt Ion:152 Resp: 243320
Ion Ratio Lower Upper
152 100
115 53.5 27.9 83.7
150 155.4 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 59.995 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

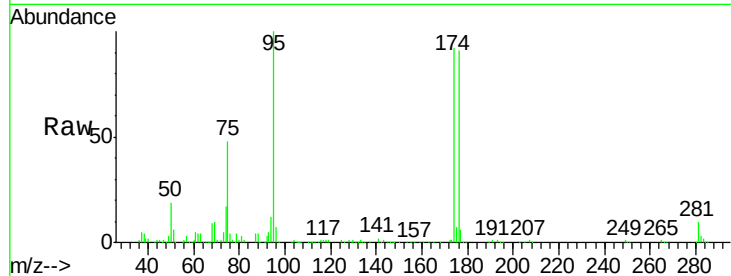
10RE

Tgt Ion: 75 Resp: 109915

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

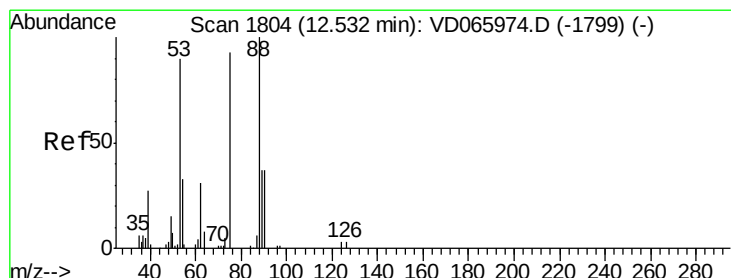
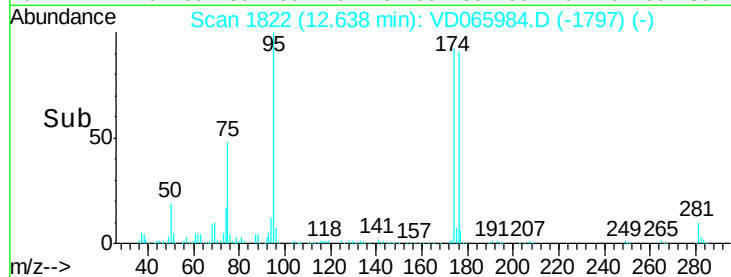
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 137.667 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065984.D

Acq: 21 Jul 2020 17:07

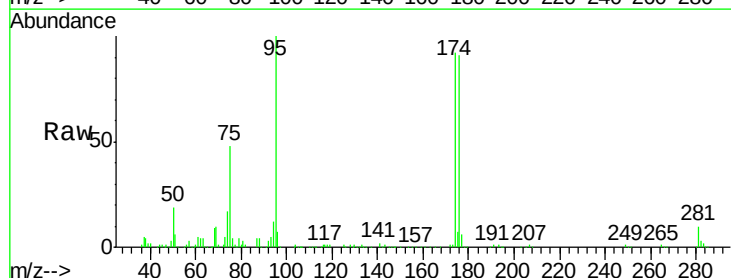
Tgt Ion: 75 Resp: 109915

Ion Ratio Lower Upper

75 100

53 0.1 76.8 115.2#

89 0.1 37.0 55.4#



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

12.64

80000

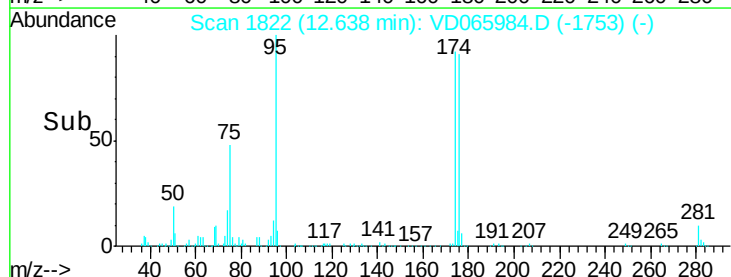
60000

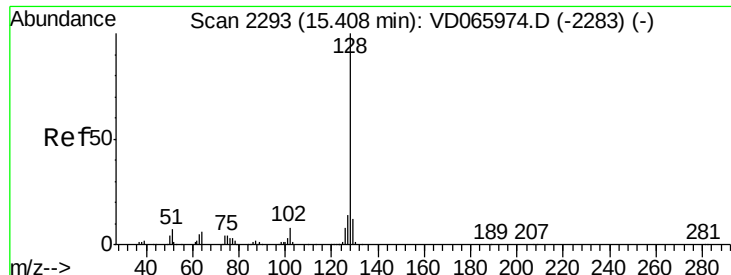
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

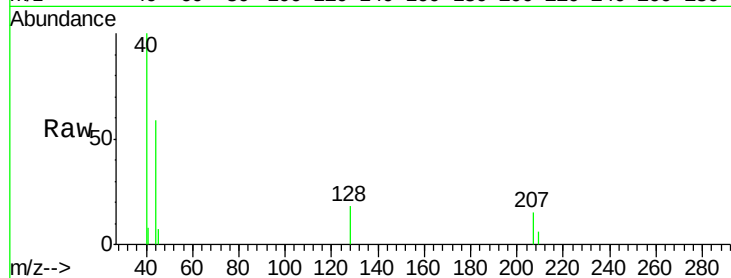




#95
Naphthalene
Concen: 3.595 ug/l
RT: 15.40 min Scan# 2291
Delta R.T. -0.01 min
Lab File: VD065984.D
Acq: 21 Jul 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
10RE

Tgt 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

