

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066090.D
 Acq On : 29 Jul 2020 15:37
 Operator : VA/SY
 Sample : L3489-06
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:31:07 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	234616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	372657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	225498	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	102283	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	7.91	113	112833	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	452481	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.64	95	187206	64.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.24%	

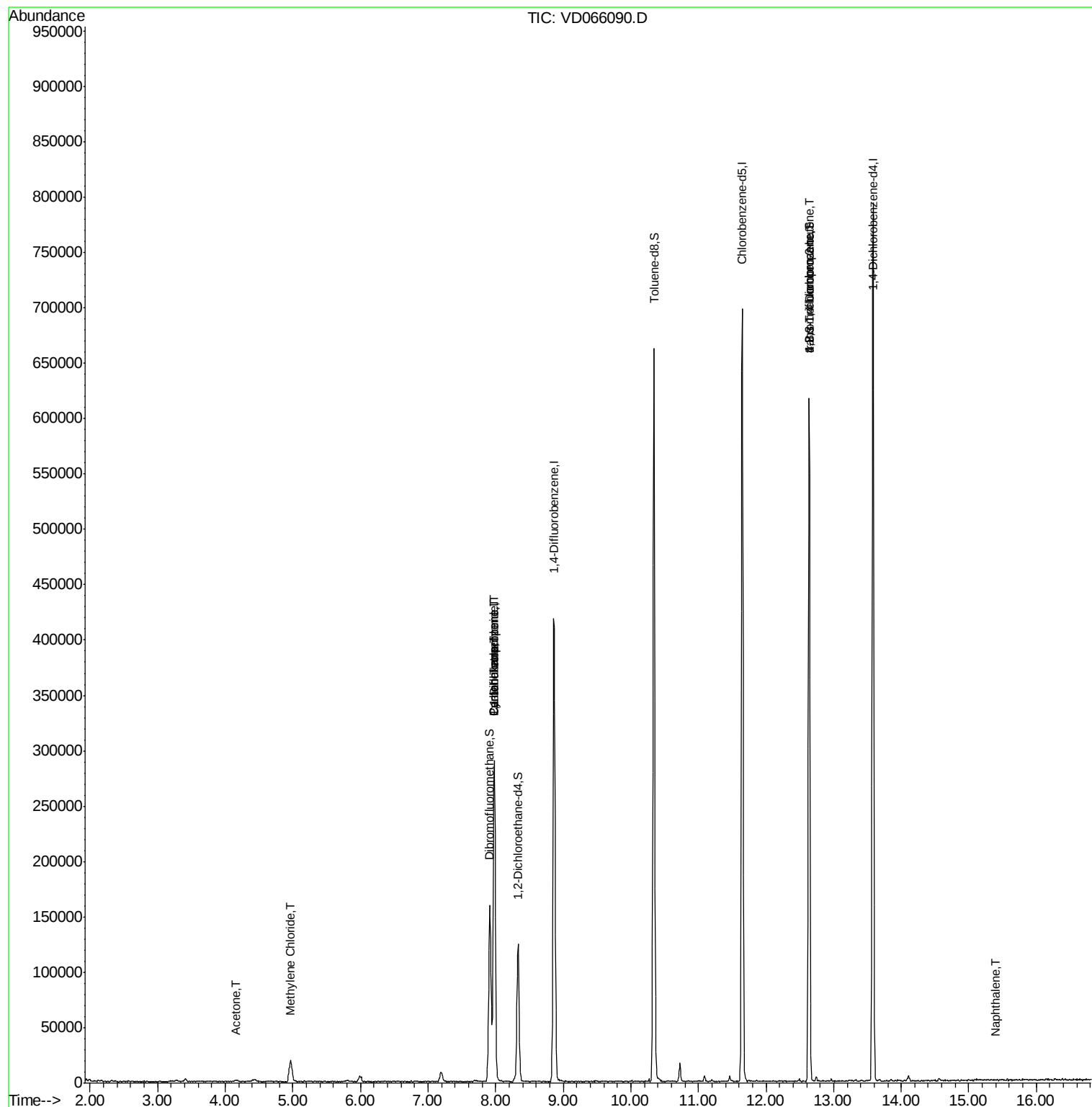
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	295	Below Cal	#	83
16) Acetone	4.16	43	2265	5.862	ug/l #	78
20) Methylene Chloride	4.96	84	14620	4.122	ug/l	91
31) Cyclohexane	7.97	56	4454	1.297	ug/l #	56
36) 1,1-Dichloropropene	7.98	75	15425	4.850	ug/l #	52
38) Carbon Tetrachloride	7.98	117	22178	6.427	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	97548	57.453	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	97548	131.834	ug/l #	11
95) Naphthalene	15.40	128	243	3.579	ug/l #	68

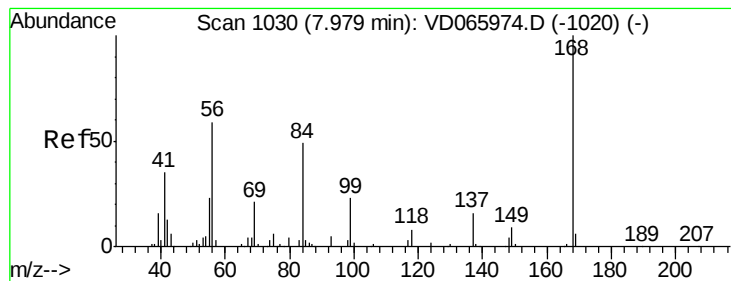
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072920\
Data File : VD066090.D
Acq On : 29 Jul 2020 15:37
Operator : VA/SY
Sample : L3489-06
Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 30 01:31:07 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: VD066090.D

Acq: 29 Jul 2020 15:37

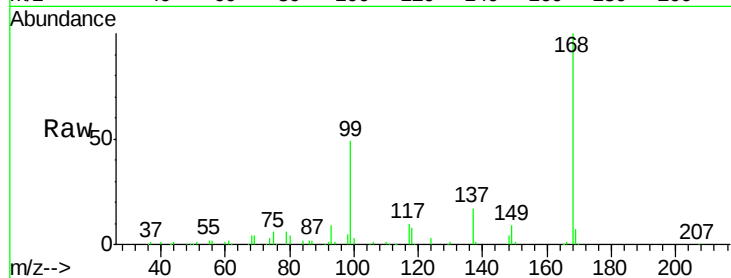
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 234616

Ion Ratio Lower Upper

168 100

99 49.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

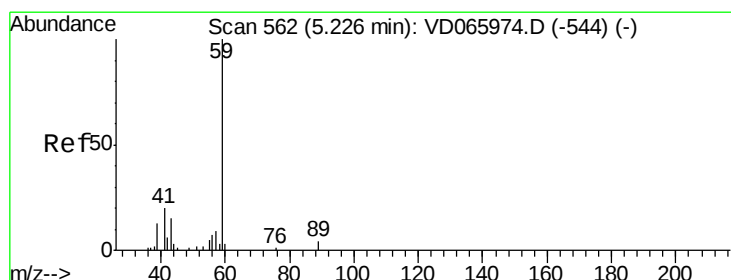
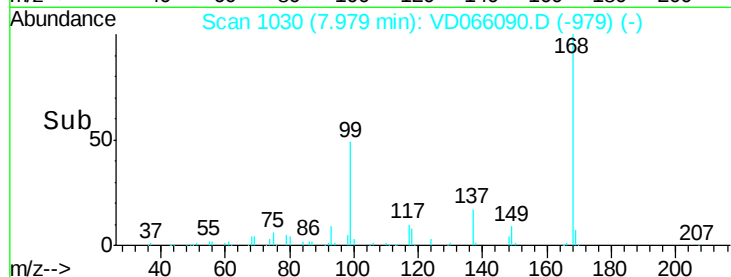
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066090.D

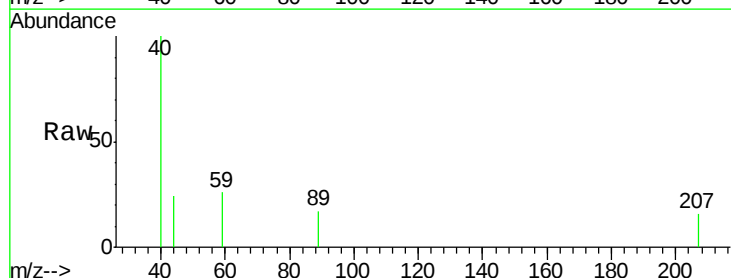
Acq: 29 Jul 2020 15:37

Tgt Ion: 59 Resp: 295

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

300

250

200

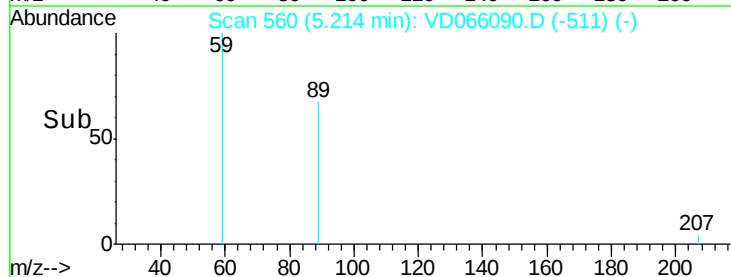
150

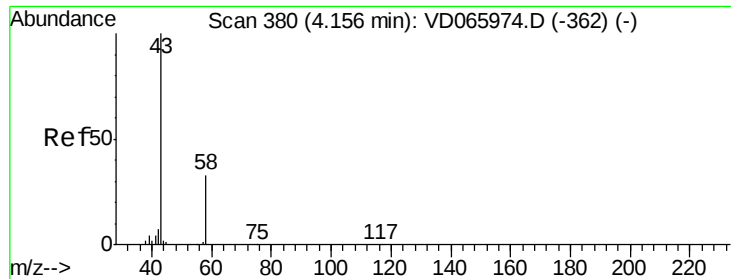
100

50

0

Time-->

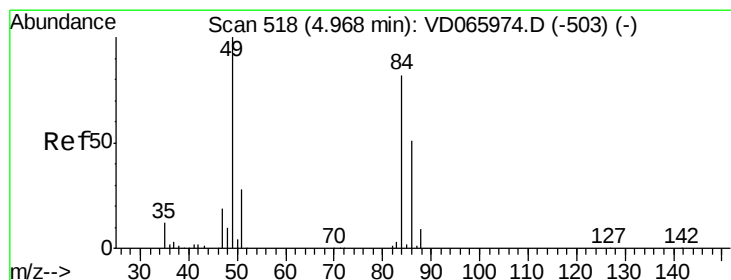
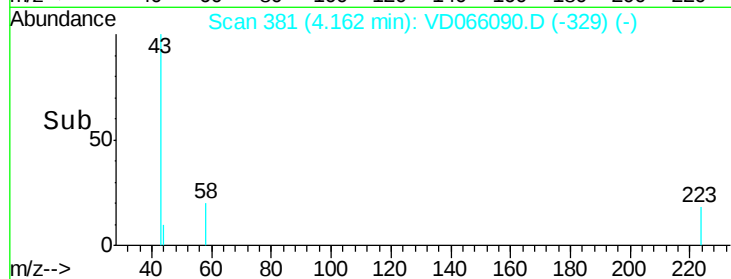
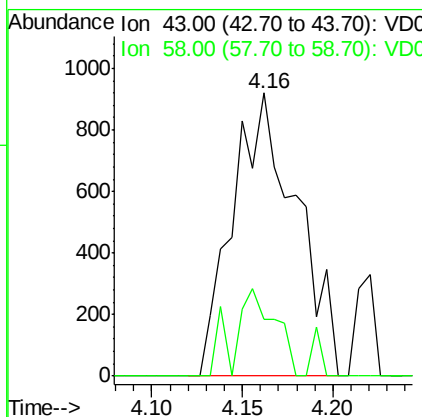
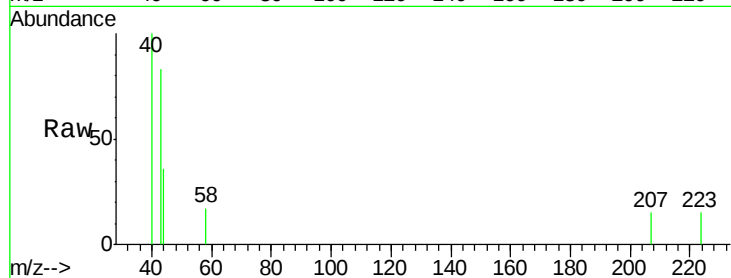




#16
Acetone
Concen: 5.862 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

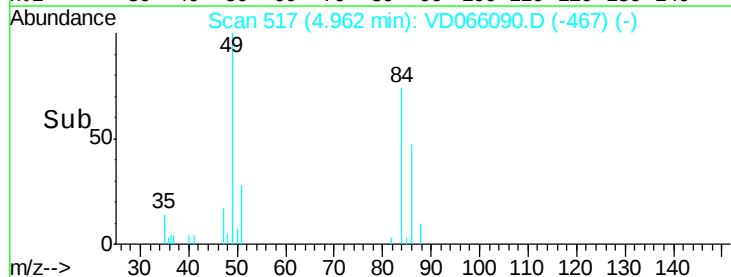
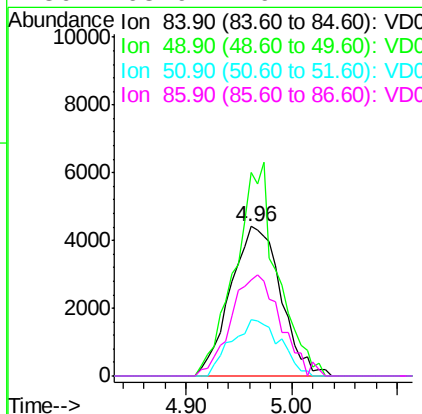
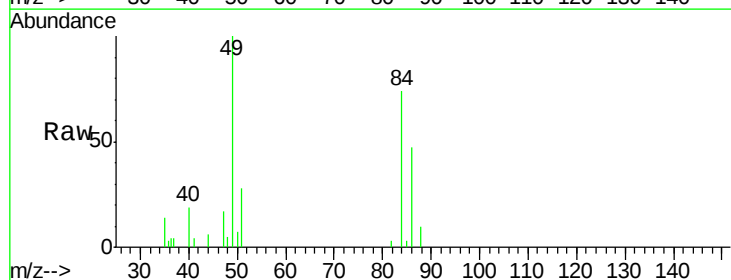
Instrument :
MSVOA_D
ClientSampleId :

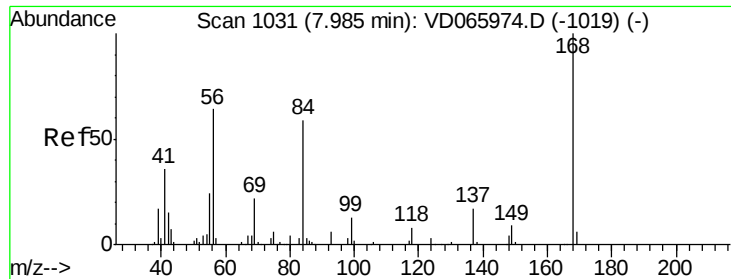
Tot Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
58 20.2 26.3 39.5#



#20
Methylene Chloride
Concen: 4.122 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

Tgt Ion: 84 Resp: 14620
Ion Ratio Lower Upper
84 100
49 135.9 97.7 146.5
51 37.6 27.4 41.2
86 63.9 49.4 74.2

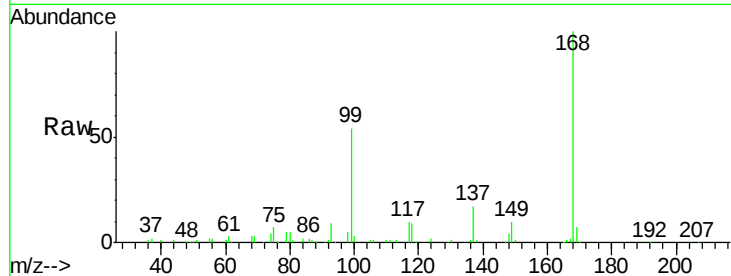




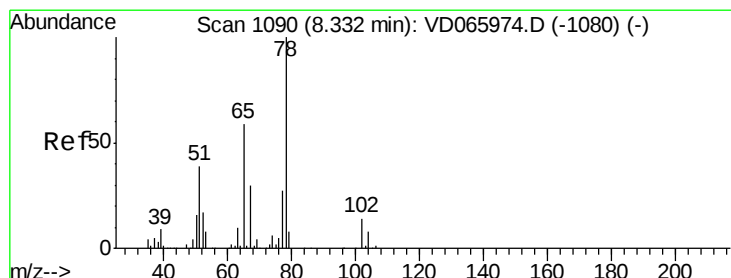
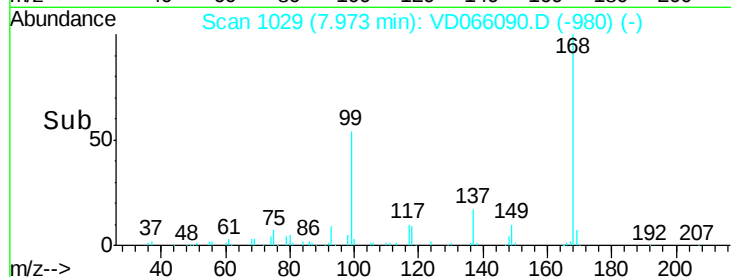
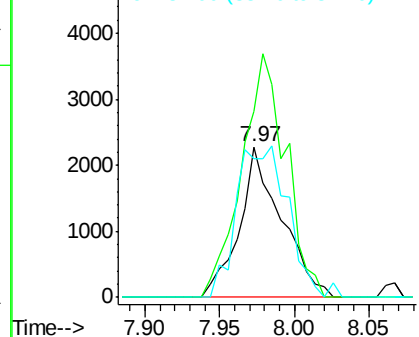
#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 4454
Ion Ratio Lower Upper
56 100
69 123.7 28.0 42.0#
84 92.3 72.6 109.0

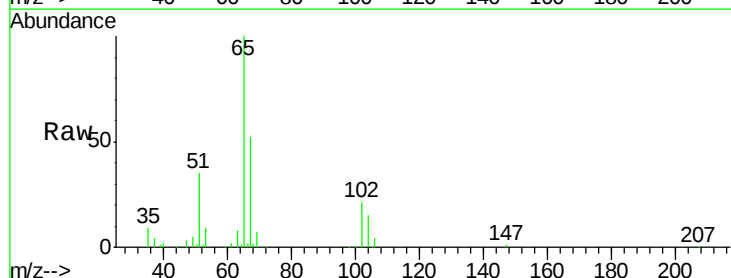


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

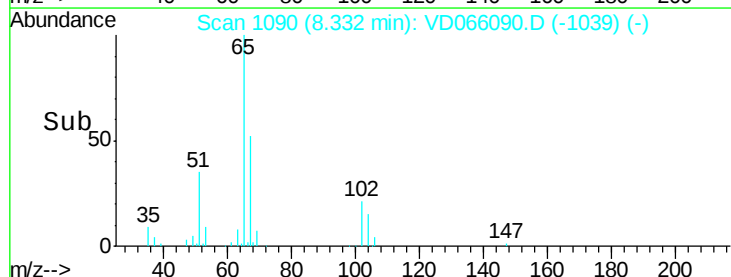
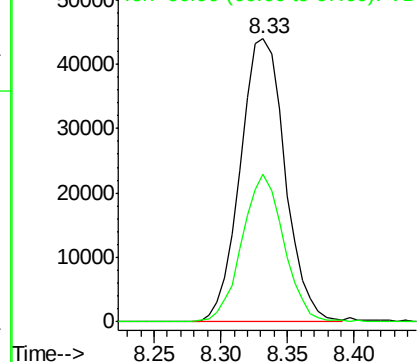


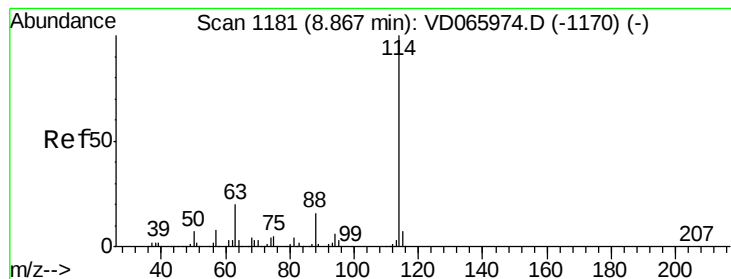
#33
1,2-Dichloroethane-d4
Concen: 53.578 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

Tgt Ion: 65 Resp: 102283
Ion Ratio Lower Upper
65 100
67 48.8 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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066090.D

Acq: 29 Jul 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

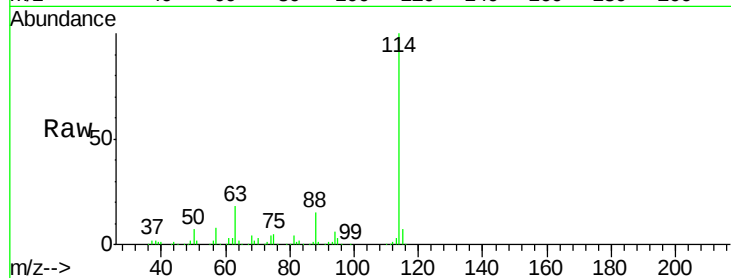
Tot Ion:114 Resp: 372657

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

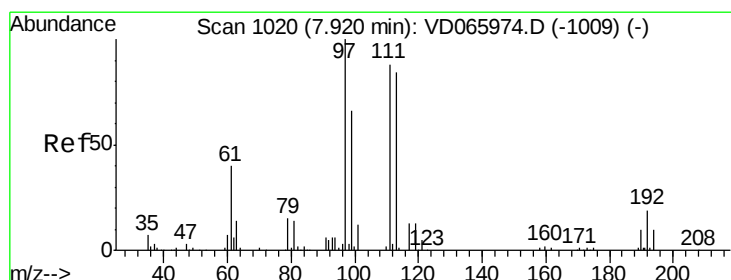
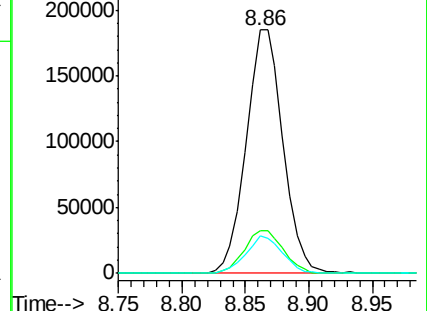
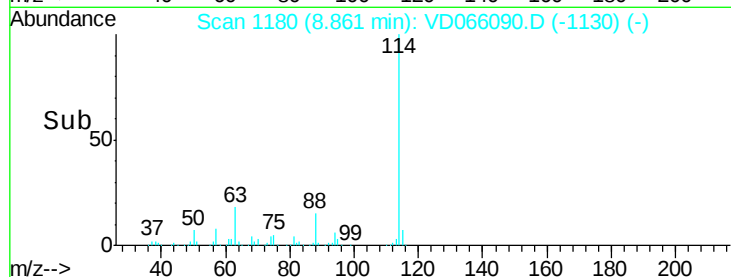
88 15.3 0.0 31.2



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: 49.920 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066090.D

Acq: 29 Jul 2020 15:37

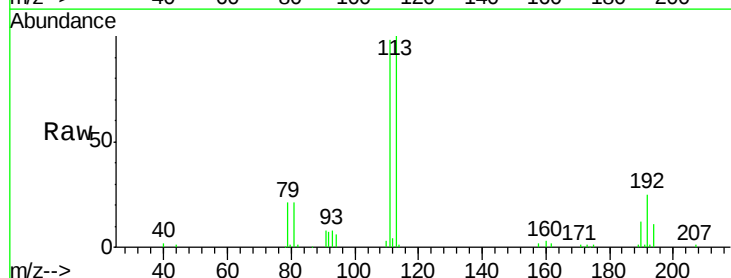
Tgt Ion:113 Resp: 112833

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

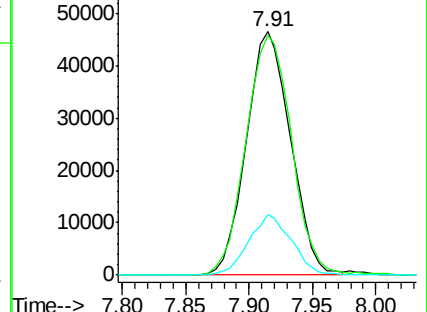
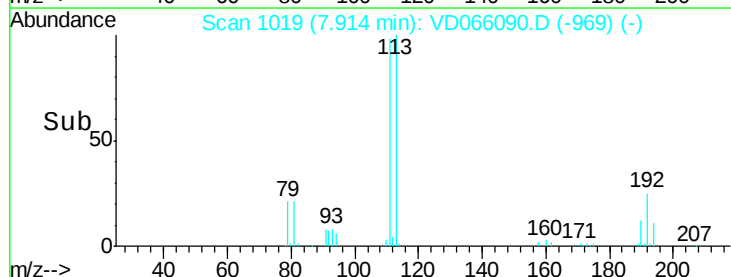
192 24.0 18.7 28.1

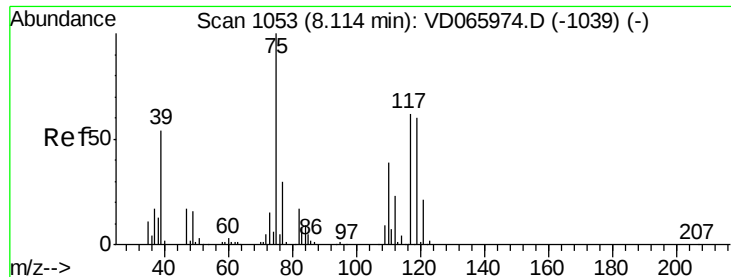


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD066090.D

Acq: 29 Jul 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

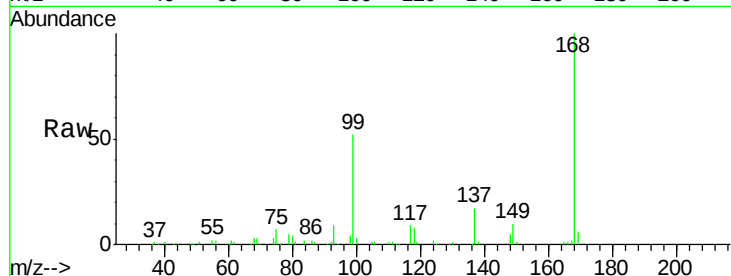
Tot Ion: 75 Resp: 15425

Ion Ratio Lower Upper

75 100

110 13.3 19.5 58.5#

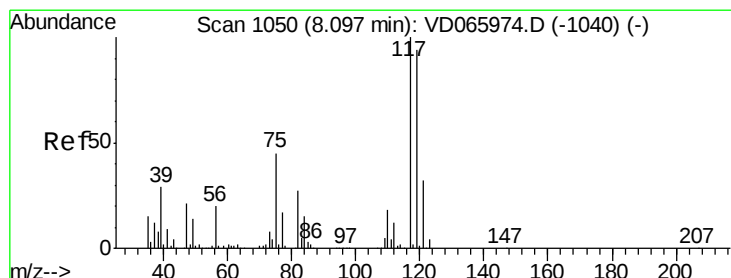
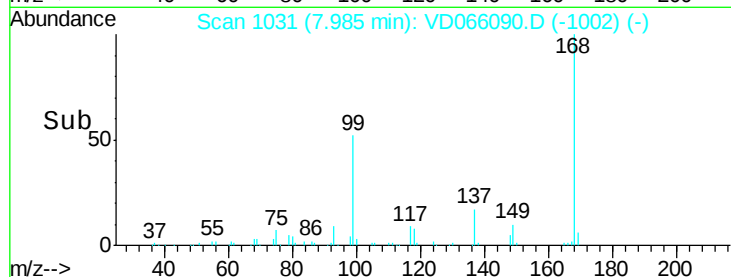
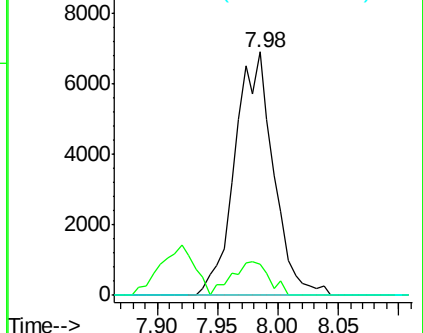
77 0.0 24.7 37.1#



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: 6.427 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066090.D

Acq: 29 Jul 2020 15:37

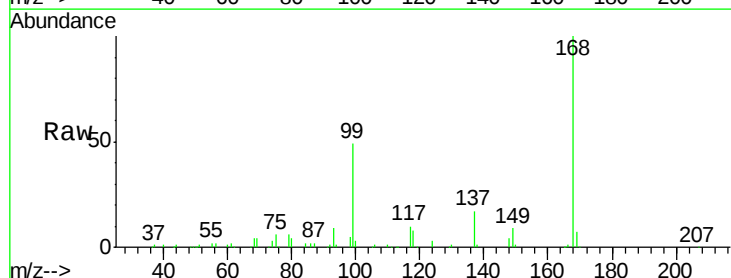
Tgt Ion: 117 Resp: 22178

Ion Ratio Lower Upper

117 100

119 4.8 75.0 112.6#

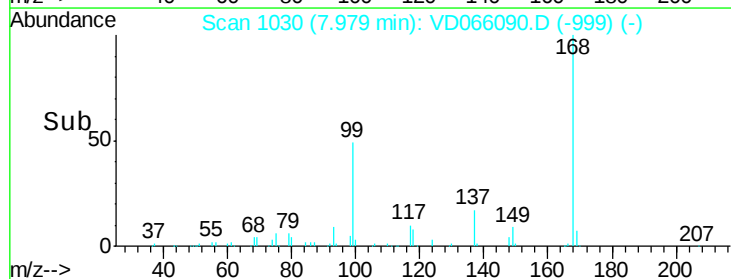
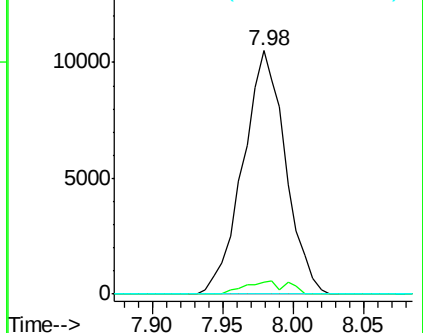
121 0.0 25.5 38.3#

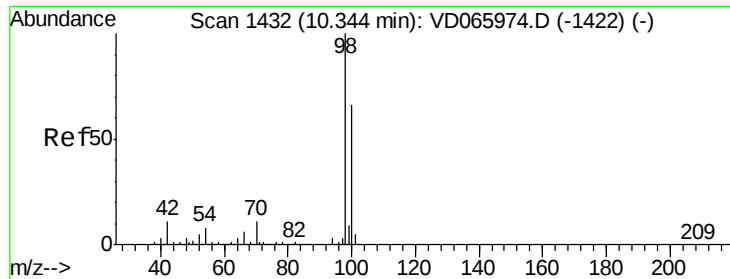


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

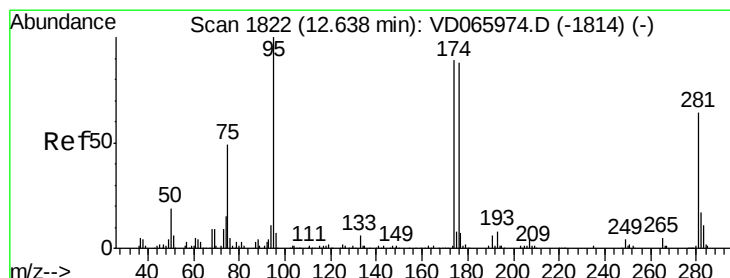
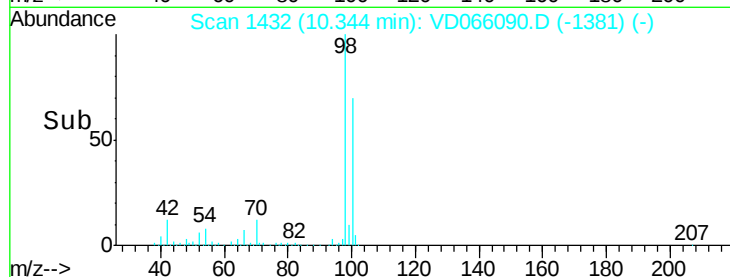
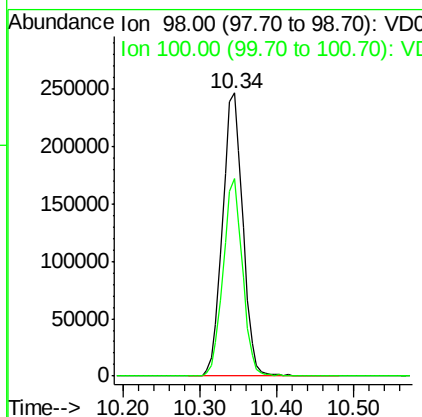
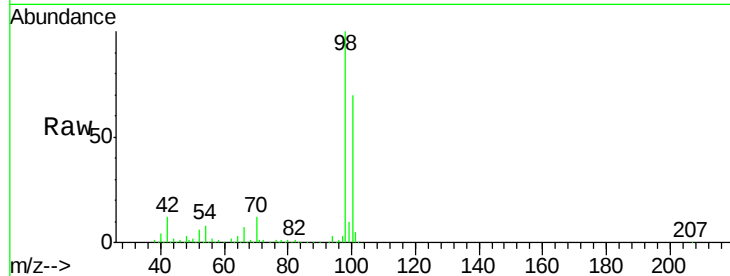




#50
Toluene-d8
Concen: 53.738 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

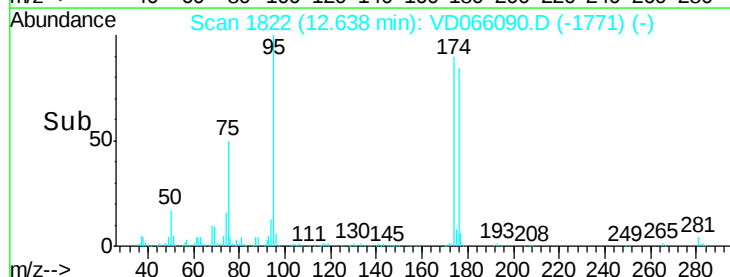
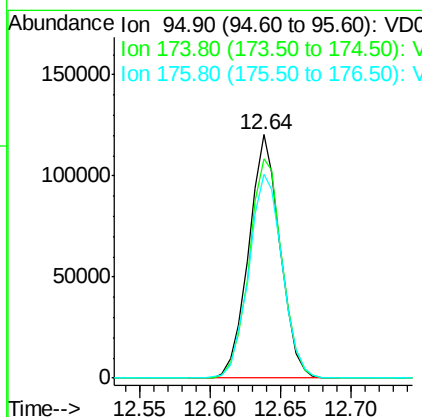
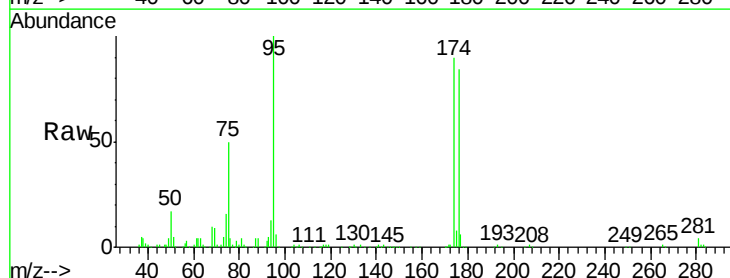
Instrument :
MSVOA_D
ClientSampled :

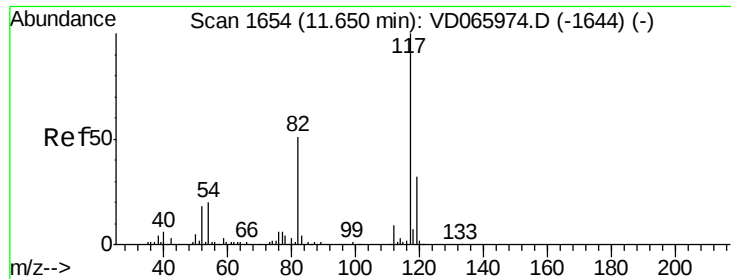
Tot Ion: 98 Resp: 452481
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 64.121 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

Tgt Ion: 95 Resp: 187206
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.8
176 89.8 0.0 172.6

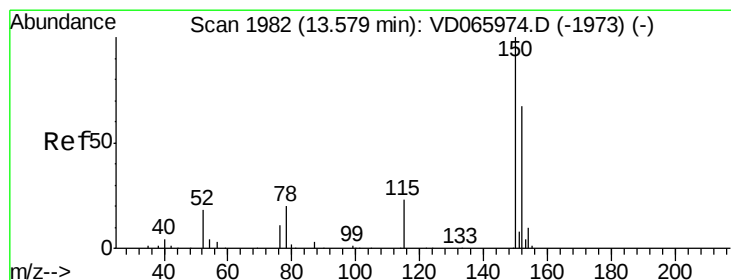
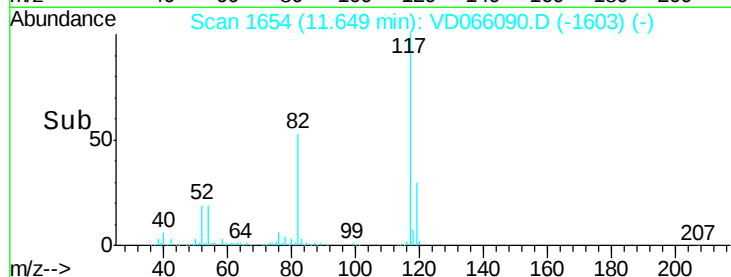
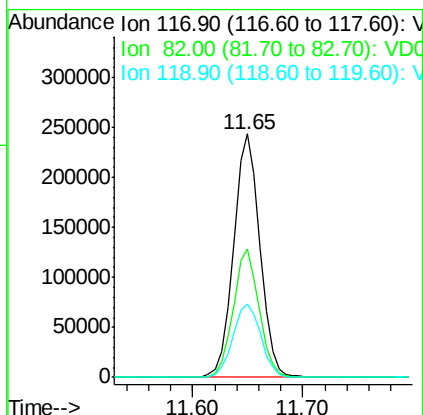
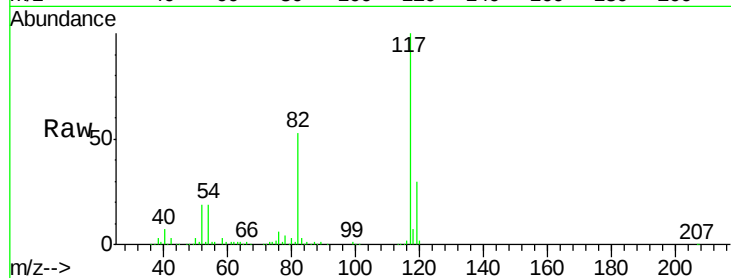




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

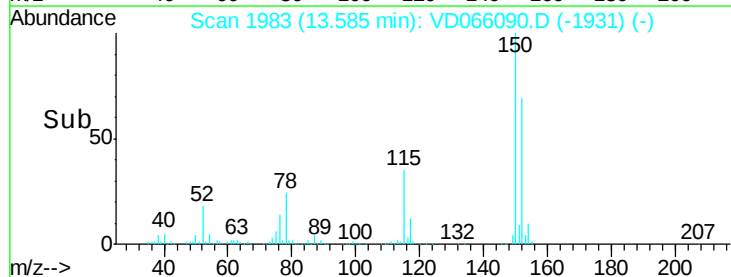
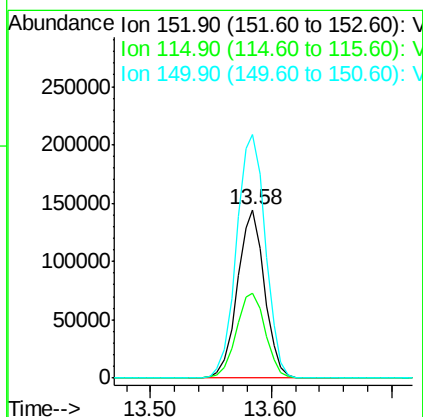
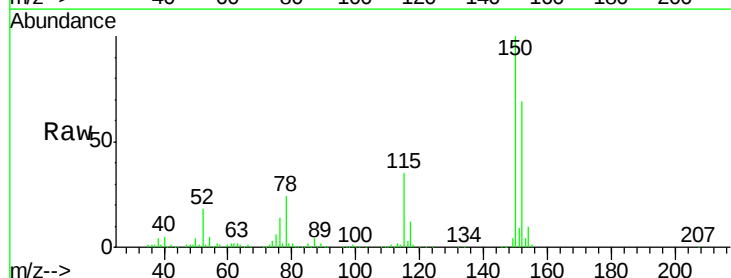
Instrument :
MSVOA_D
ClientSampleId :

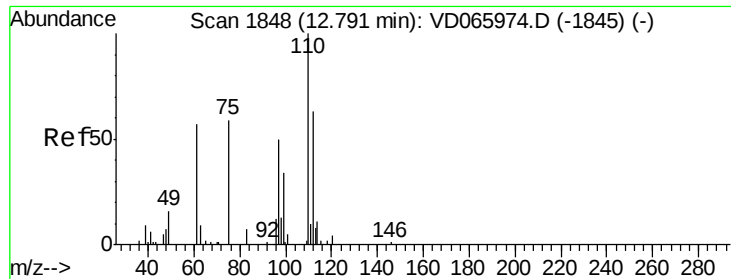
Tot Ion:117 Resp: 406252
Ion Ratio Lower Upper
117 100
82 52.5 41.1 61.7
119 30.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066090.D
Acq: 29 Jul 2020 15:37

Tgt Ion:152 Resp: 225498
Ion Ratio Lower Upper
152 100
115 54.0 27.9 83.7
150 154.9 0.0 348.2

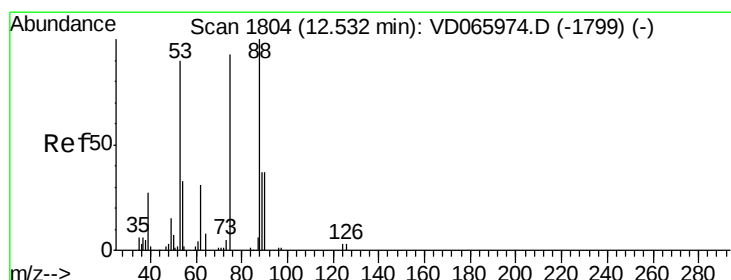
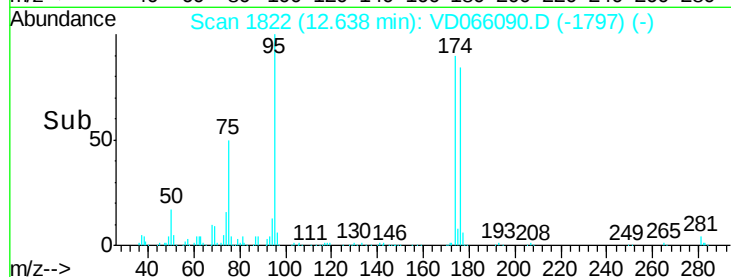
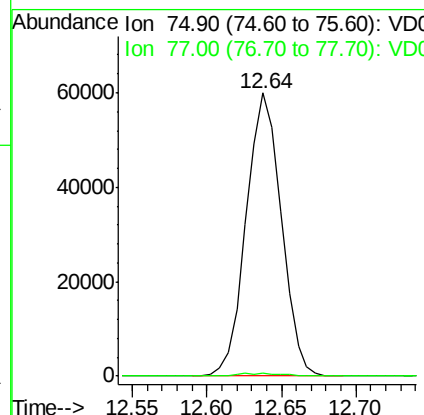
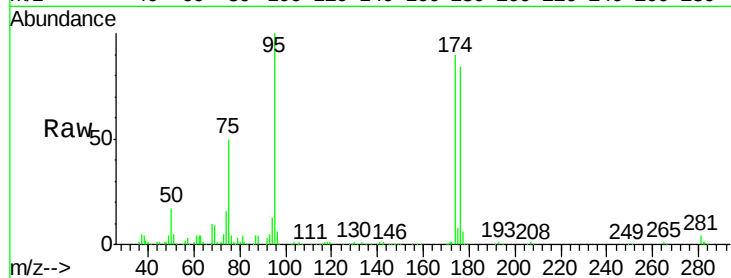




#76
 1,2,3-Trichloropropane
 Concen: 57.453 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066090.D
 Acq: 29 Jul 2020 15:37

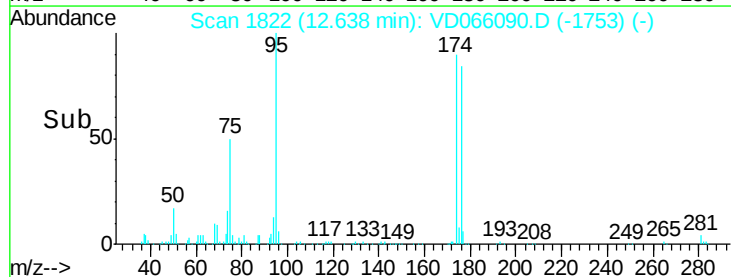
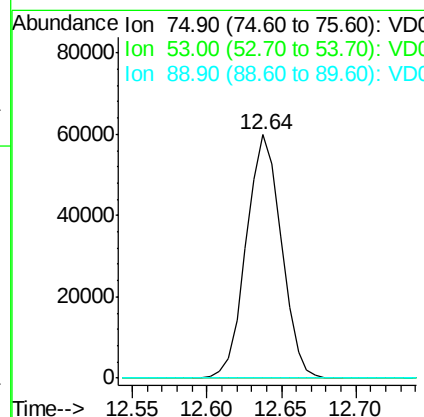
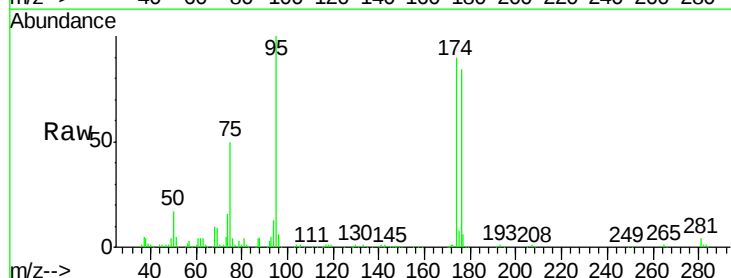
Instrument :
 MSVOA_D
 ClientSampleId :

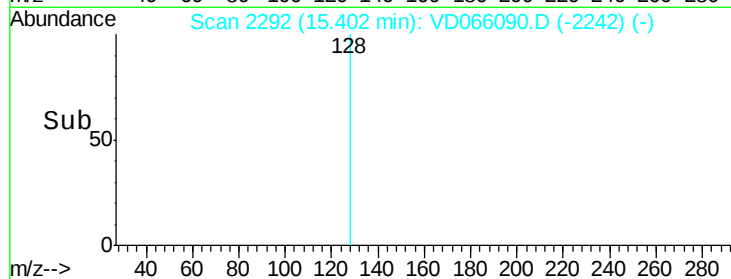
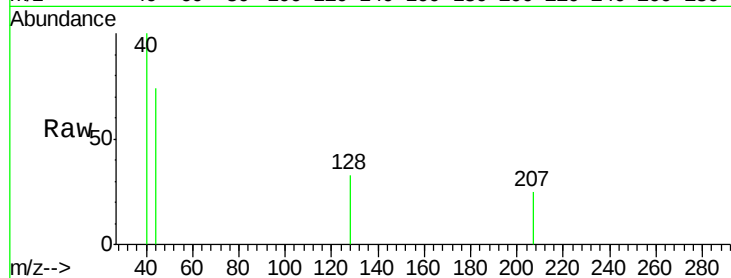
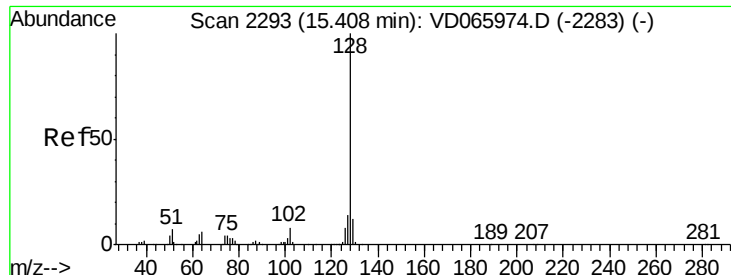
Tot Ion: 75 Resp: 97548
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.834 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066090.D
 Acq: 29 Jul 2020 15:37

Tgt Ion: 75 Resp: 97548
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 0.0 37.0 55.4#





#95

Napthalene

Concen: 3.579 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066090.D

Acq: 29 Jul 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:128 Resp: 243

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#

