

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065764.D
 Acq On : 26 May 2020 16:12
 Operator : VA/SY
 Sample : L2768-03RE
 Misc : 6.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 27 03:00:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

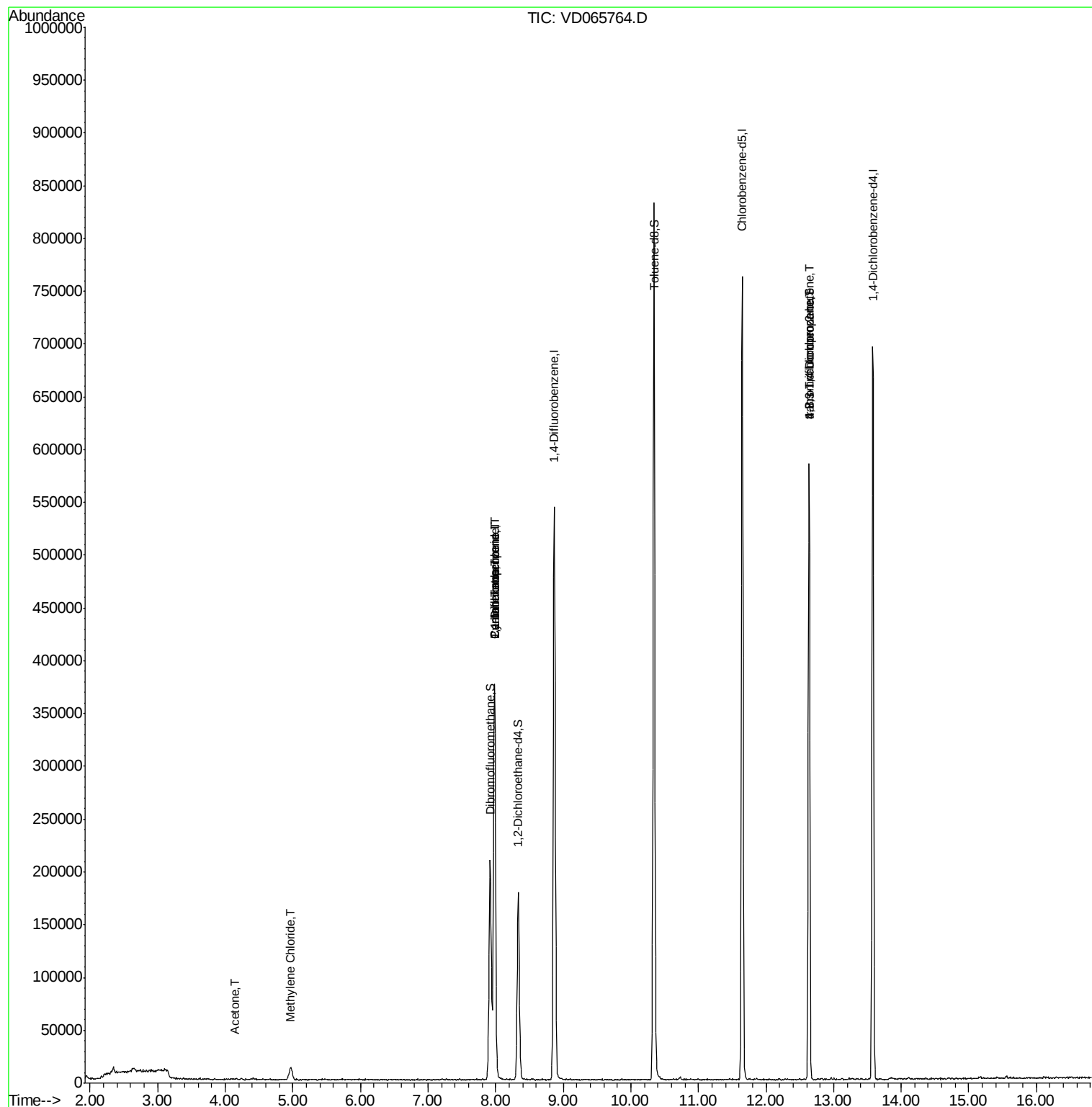
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	285232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	458147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	418548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141081	61.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.76%	
35) Dibromofluoromethane	7.92	113	143575	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.34	98	555676	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.64	95	180090	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	645	1.368	ug/l #	45
18) Methyl Acetate	4.72	43	60	Below Cal	#	52
20) Methylene Chloride	4.97	84	9229	3.470	ug/l	87
31) Cyclohexane	7.98	56	7303	1.599	ug/l #	42
36) 1,1-Dichloropropene	7.99	75	21454	5.392	ug/l #	51
38) Carbon Tetrachloride	7.98	117	27174	6.439	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	96435	69.326	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	96435	136.008	ug/l #	13

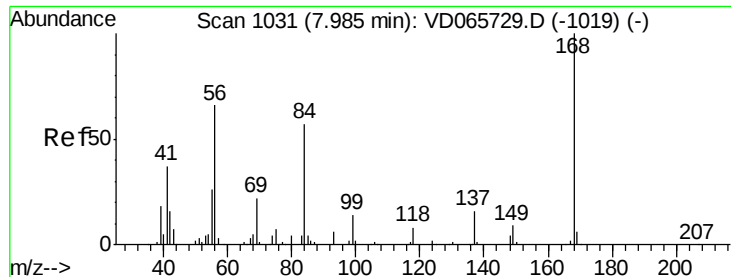
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052620\
Data File : VD065764.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: May 27 03:00:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

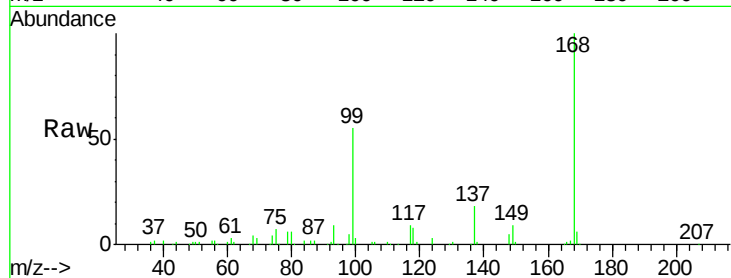
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 285232

Ion Ratio Lower Upper

168 100

99 55.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

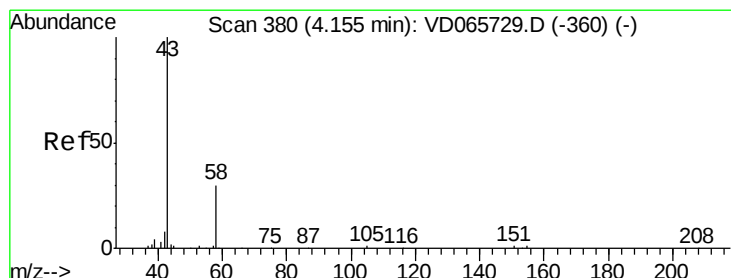
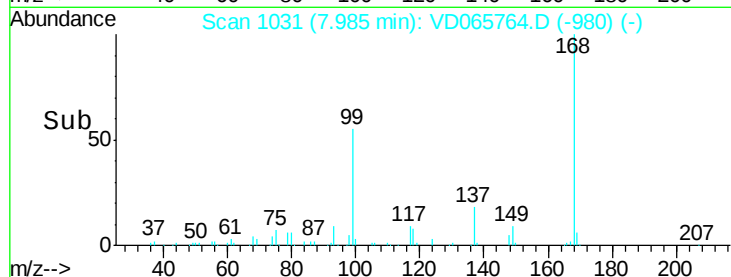
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 1.368 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065764.D

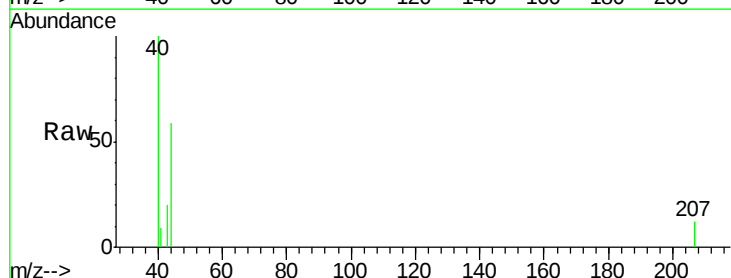
Acq: 26 May 2020 16:12

Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

400

300

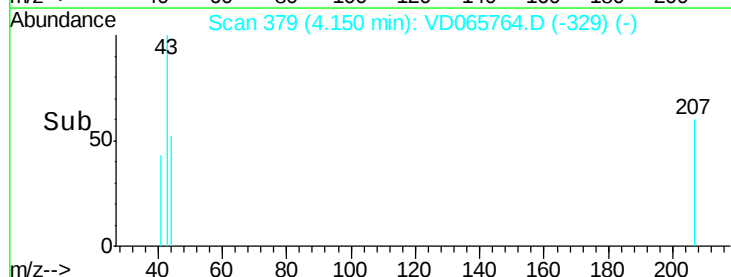
200

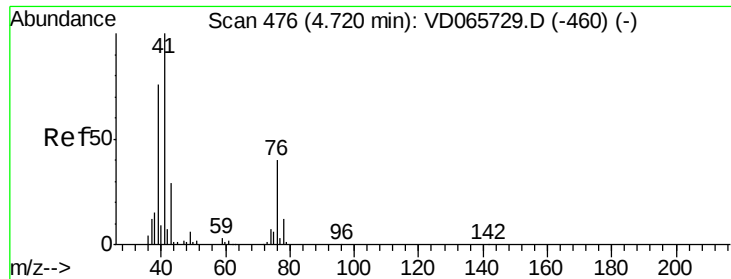
100

0

Time-->

4.12 4.14 4.16 4.18

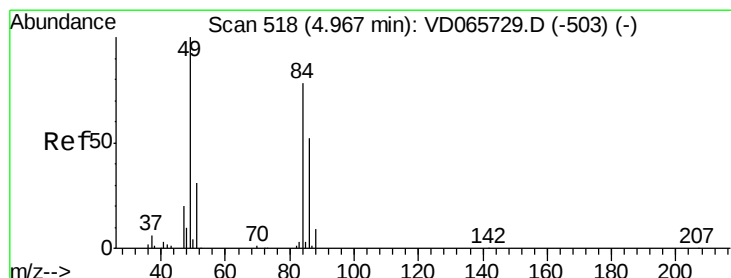
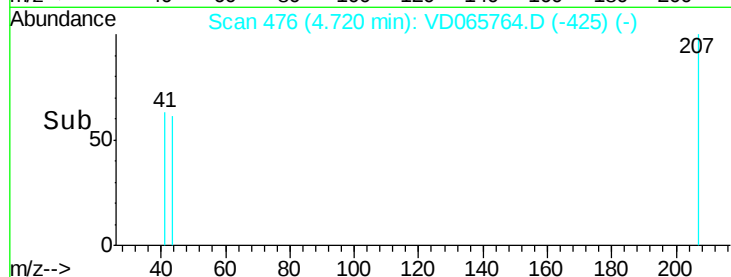
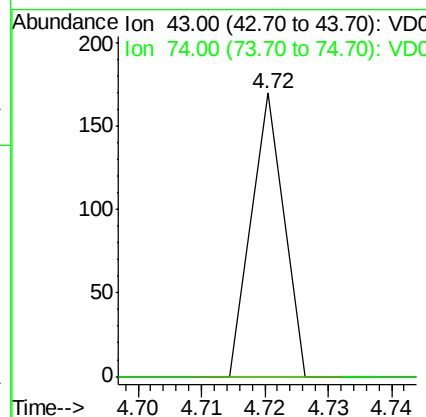
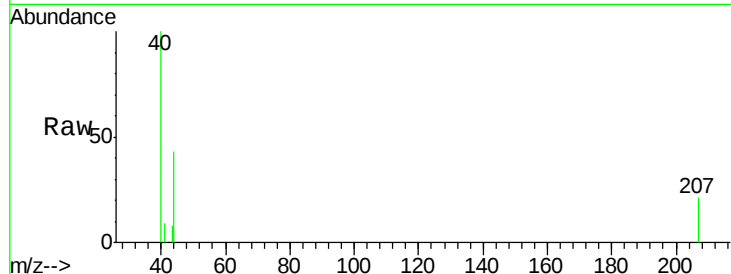




#18
Methyl Acetate
Concen: Below Cal
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

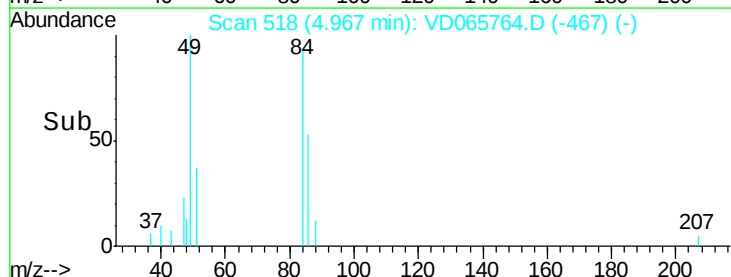
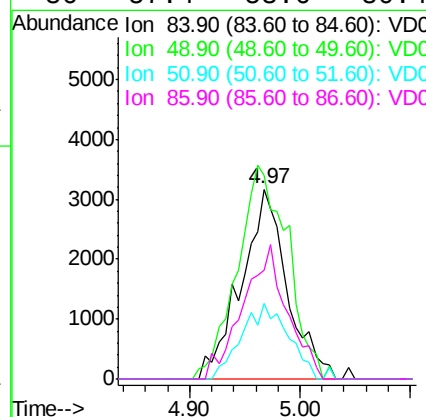
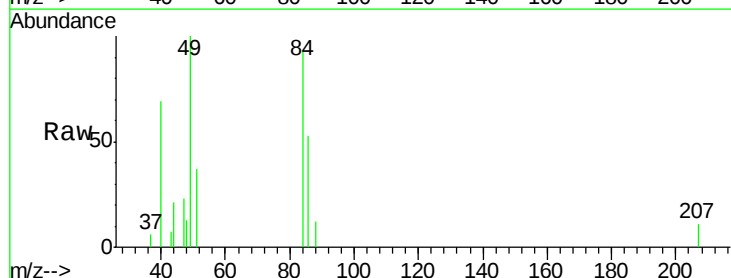
Instrument :
MSVOA_D
ClientSampleId :

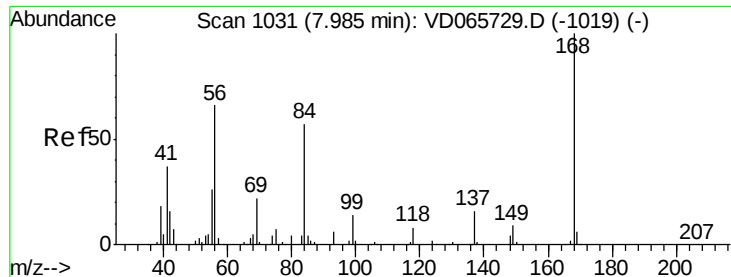
Tot Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 3.470 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

Tgt Ion: 84 Resp: 9229
Ion Ratio Lower Upper
84 100
49 107.7 102.9 154.3
51 39.9 31.5 47.3
86 57.4 53.6 80.4

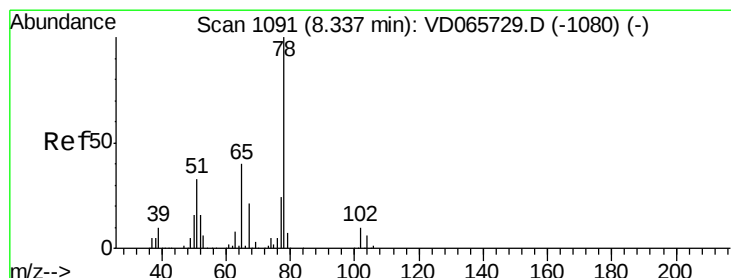
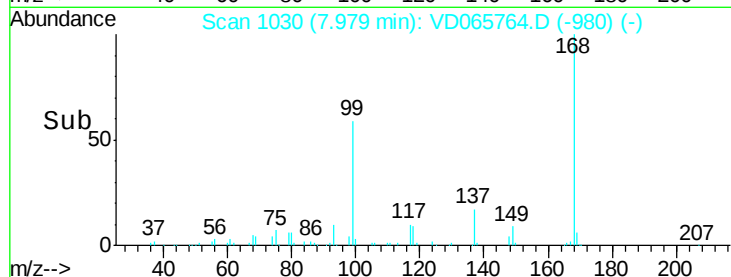
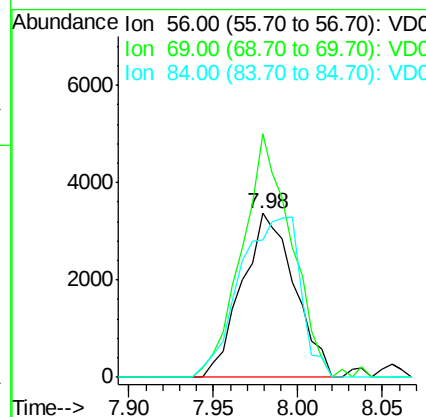
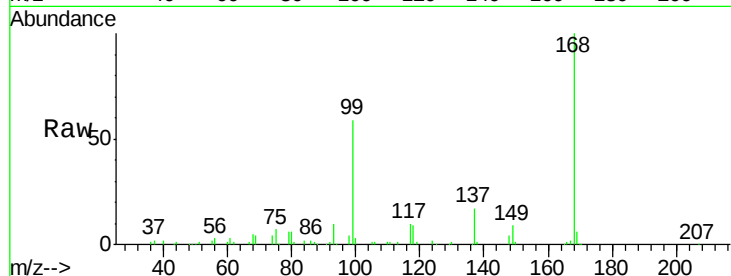




#31
Cyclohexane
Concen: 1.599 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

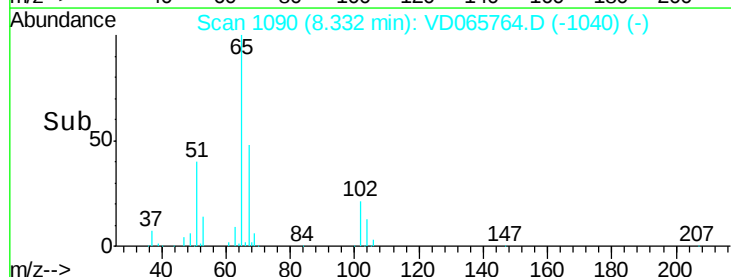
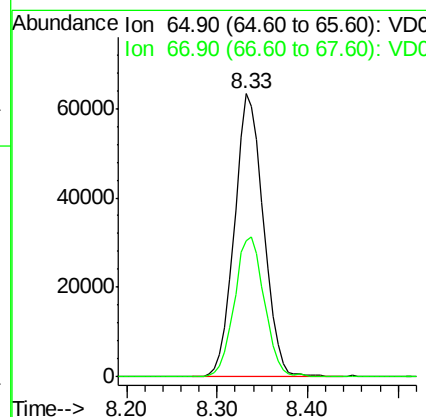
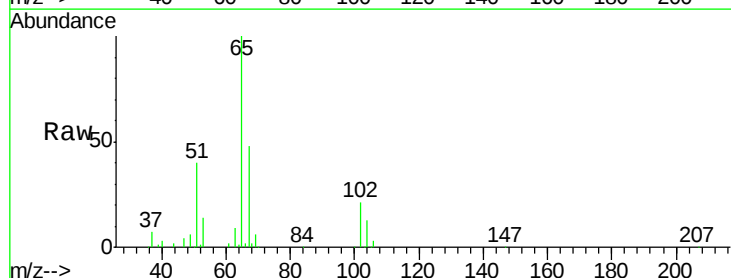
Instrument :
MSVOA_D
ClientSampled :

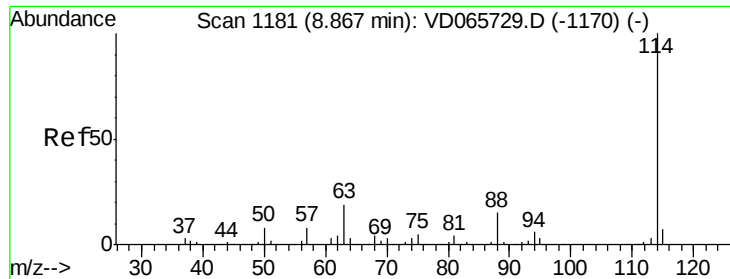
Tot Ion: 56 Resp: 7303
Ion Ratio Lower Upper
56 100
69 148.5 25.9 38.9#
84 84.0 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 61.378 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

Tgt Ion: 65 Resp: 141081
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

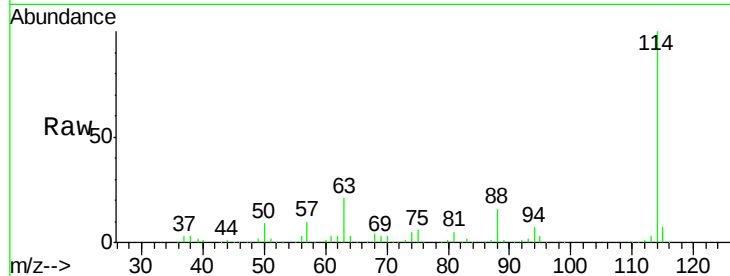




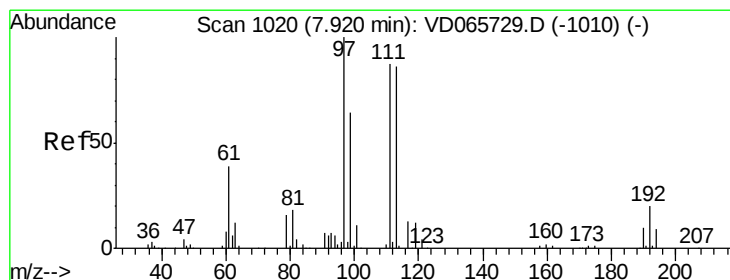
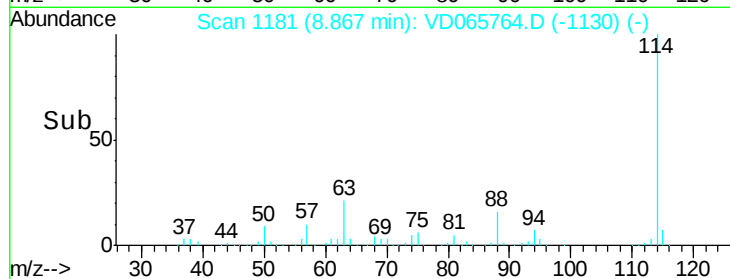
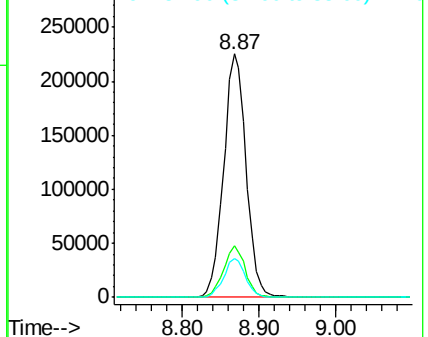
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 458147
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.2
 88 15.8 0.0 30.2

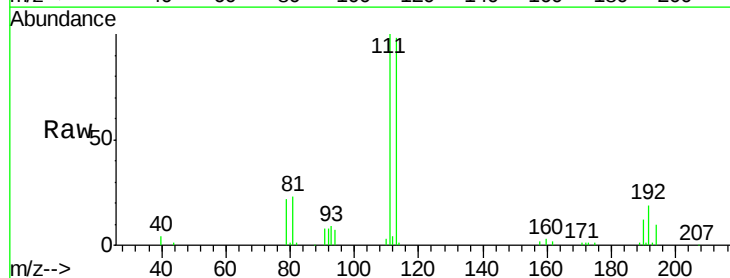


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

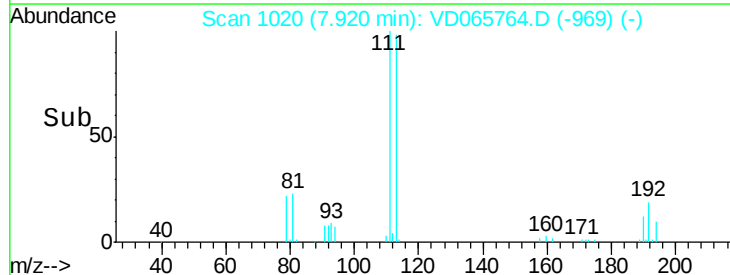
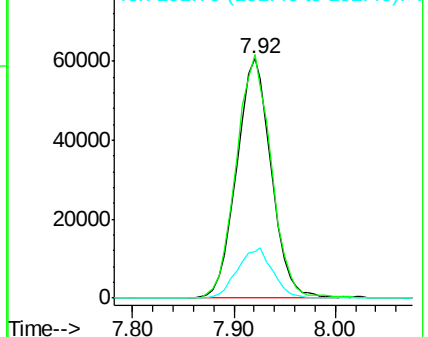


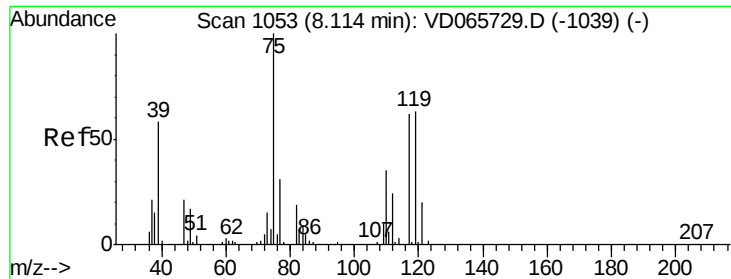
#35
 Dibromofluoromethane
 Concen: 55.316 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

Tgt Ion:113 Resp: 143575
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 21.0 17.6 26.4



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

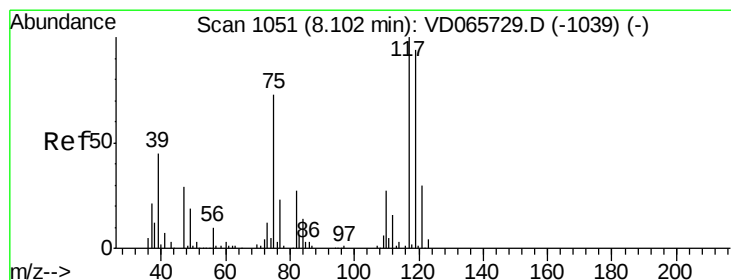
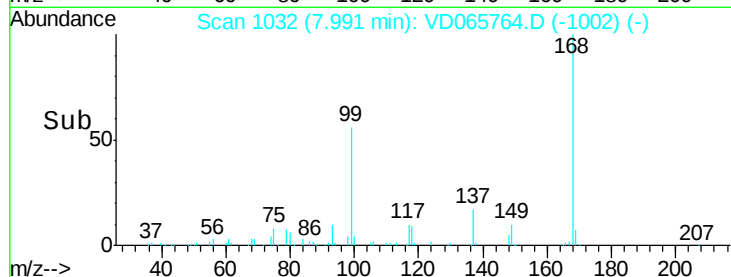
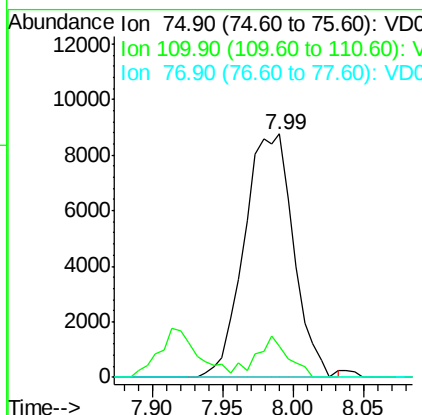
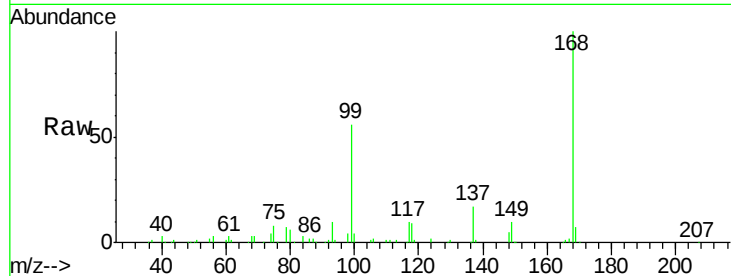




#36
 1,1-Dichloropropene
 Concen: 5.392 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.12 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

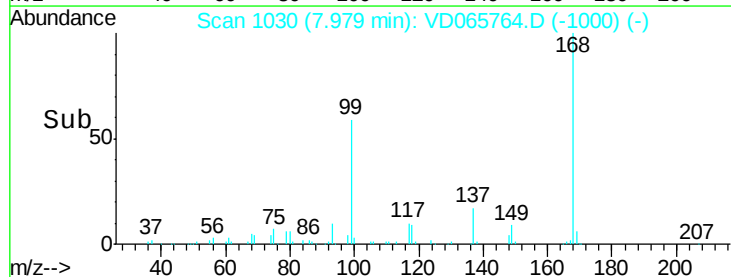
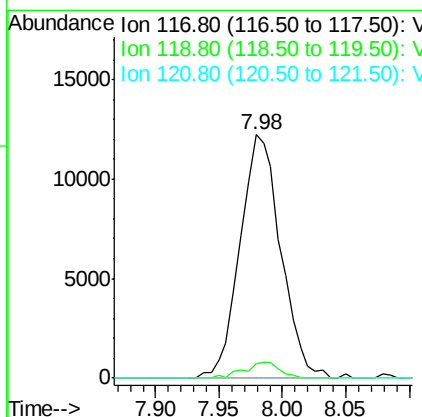
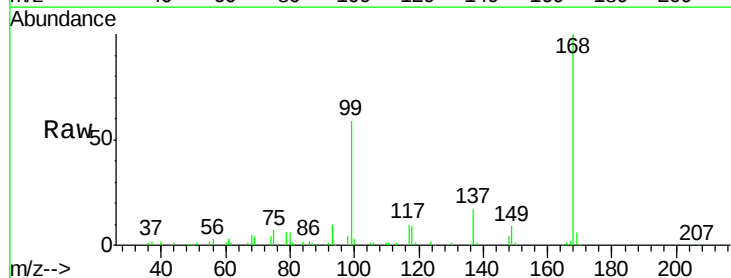
Instrument :
 MSVOA_D
 ClientSampled :

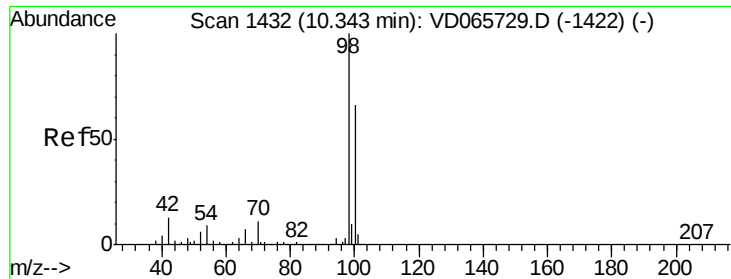
Tot Ion: 75 Resp: 21454
 Ion Ratio Lower Upper
 75 100
 110 11.1 18.4 55.2#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.439 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065764.D
 Acq: 26 May 2020 16:12

Tgt Ion: 117 Resp: 27174
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.6 113.4#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 56.234 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_D

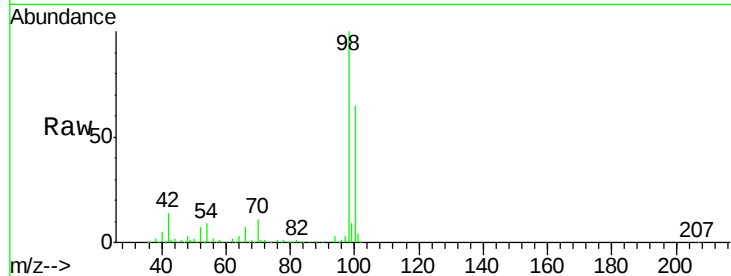
ClientSampleId :

Tot Ion: 98 Resp: 555676

Ion Ratio Lower Upper

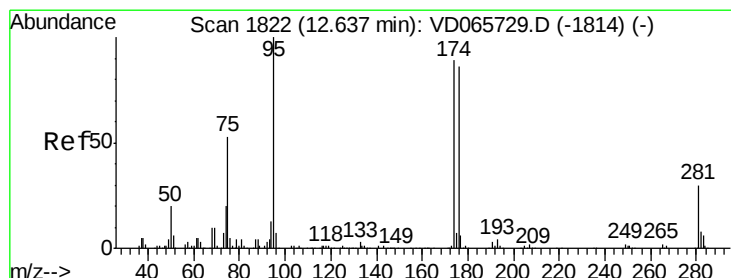
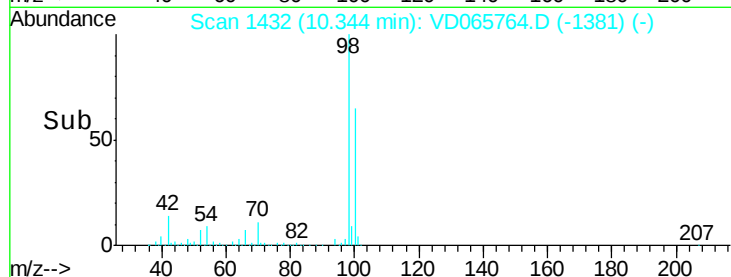
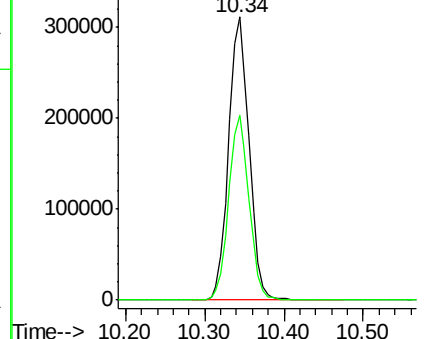
98 100

100 65.1 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.815 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

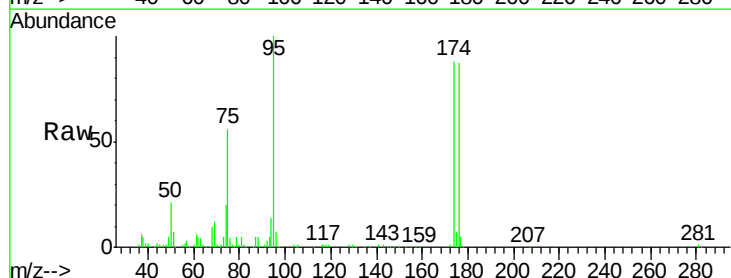
Tgt Ion: 95 Resp: 180090

Ion Ratio Lower Upper

95 100

174 87.8 0.0 179.4

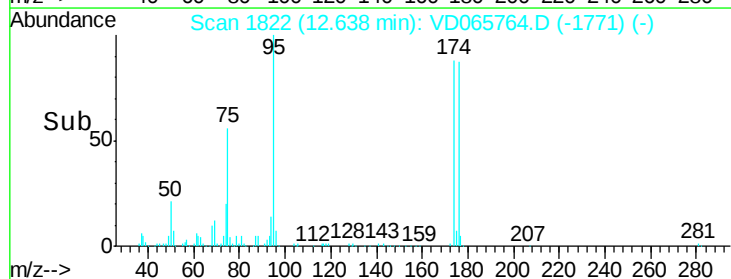
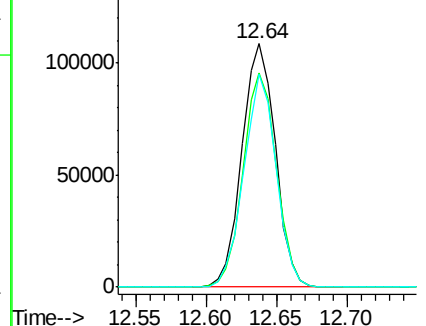
176 84.6 0.0 174.0

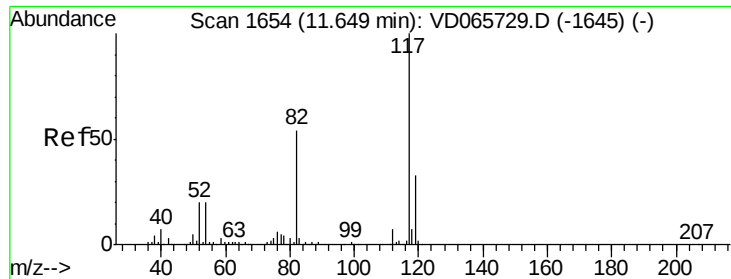


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

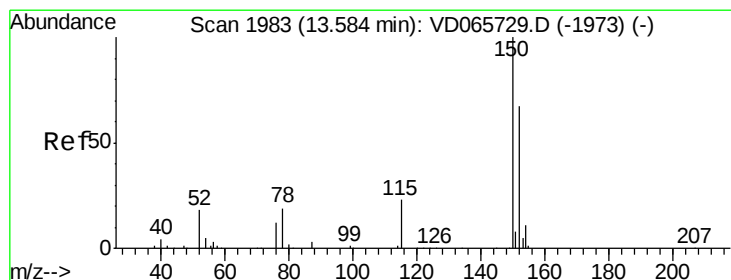
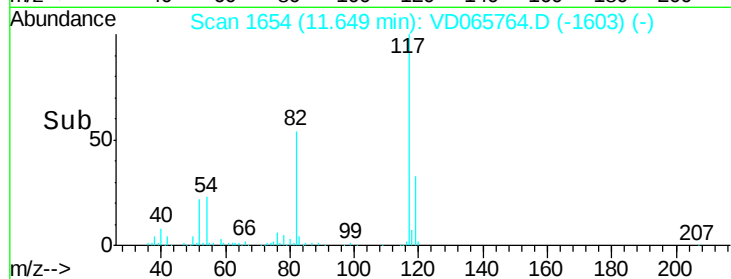
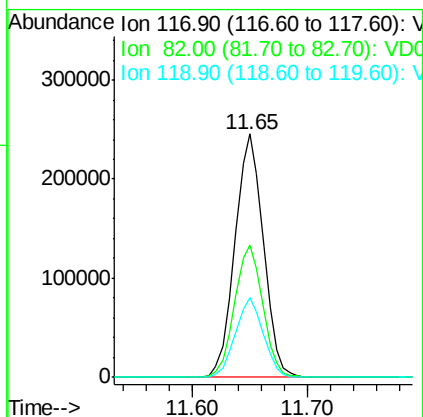
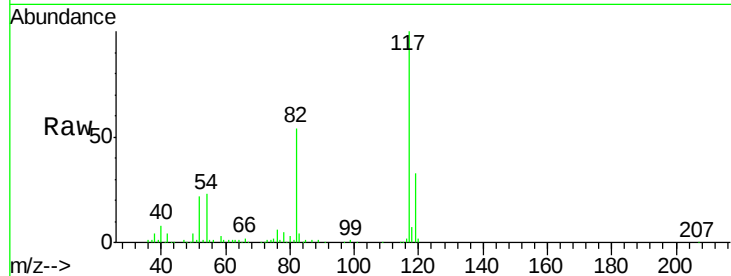




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

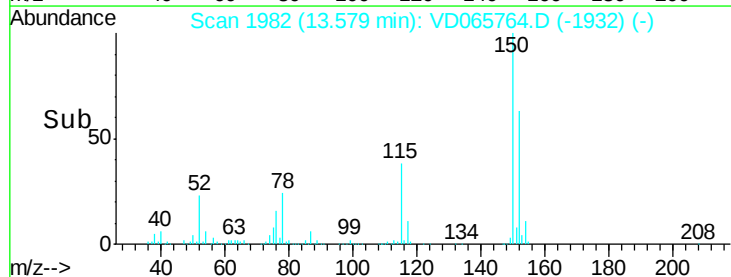
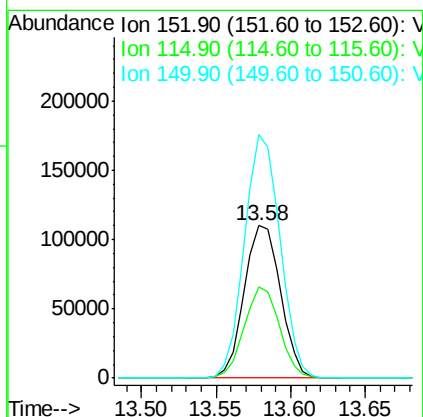
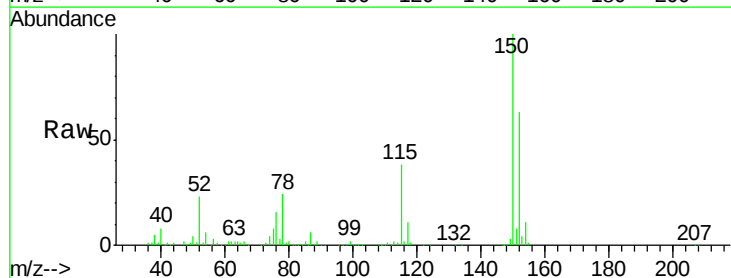
Instrument :
MSVOA_D
ClientSampleId :

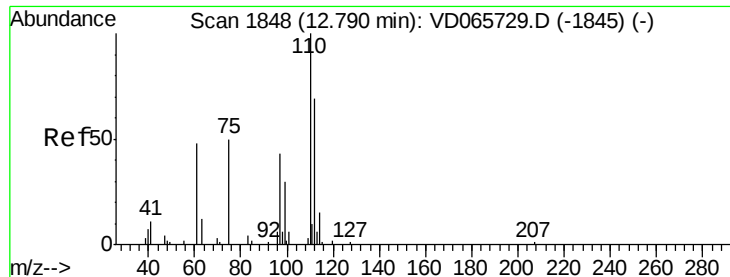
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.6
119	32.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD065764.D
Acq: 26 May 2020 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.1	84.3
150	155.9	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 69.326 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

Instrument :

MSVOA_D

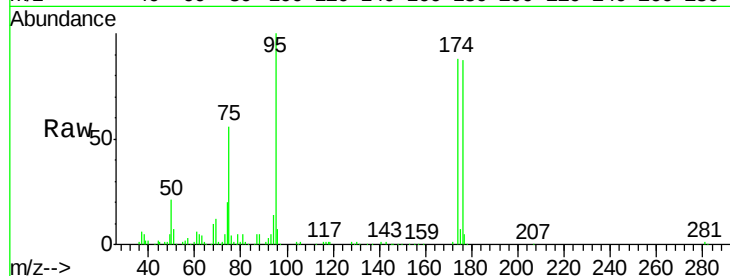
ClientSampleId :

Tot Ion: 75 Resp: 96435

Ion Ratio Lower Upper

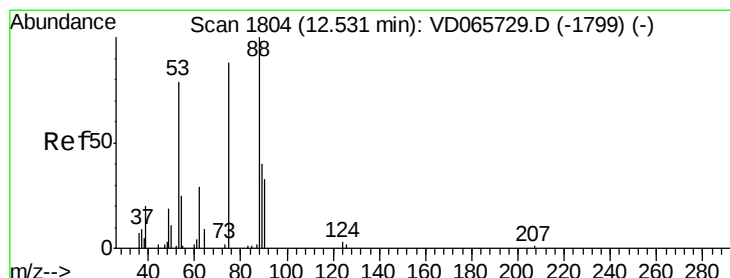
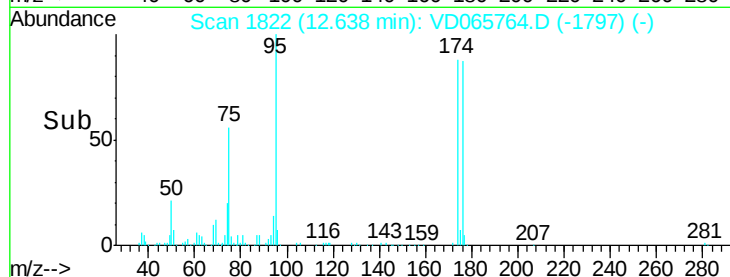
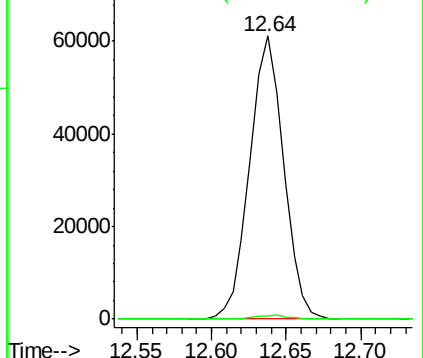
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 136.008 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065764.D

Acq: 26 May 2020 16:12

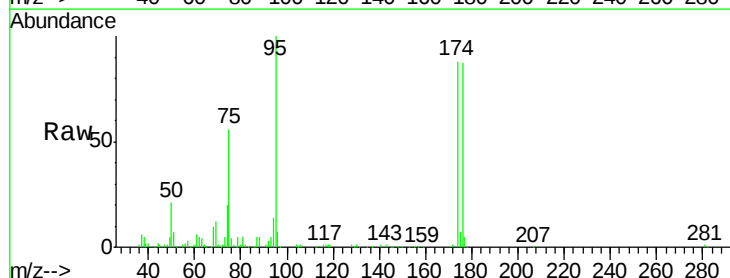
Tgt Ion: 75 Resp: 96435

Ion Ratio Lower Upper

75 100

53 0.0 72.6 109.0#

89 0.0 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

