

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065742.D
 Acq On : 14 May 2020 14:55
 Operator : VA/SY
 Sample : L2646-06
 Misc : 8.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 15 06:13:45 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	316976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	436241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209834	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	140372	54.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.90%	
35) Dibromofluoromethane	7.92	113	152641	56.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.24%	
50) Toluene-d8	10.34	98	570593	55.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.64	95	194720	55.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.04%	

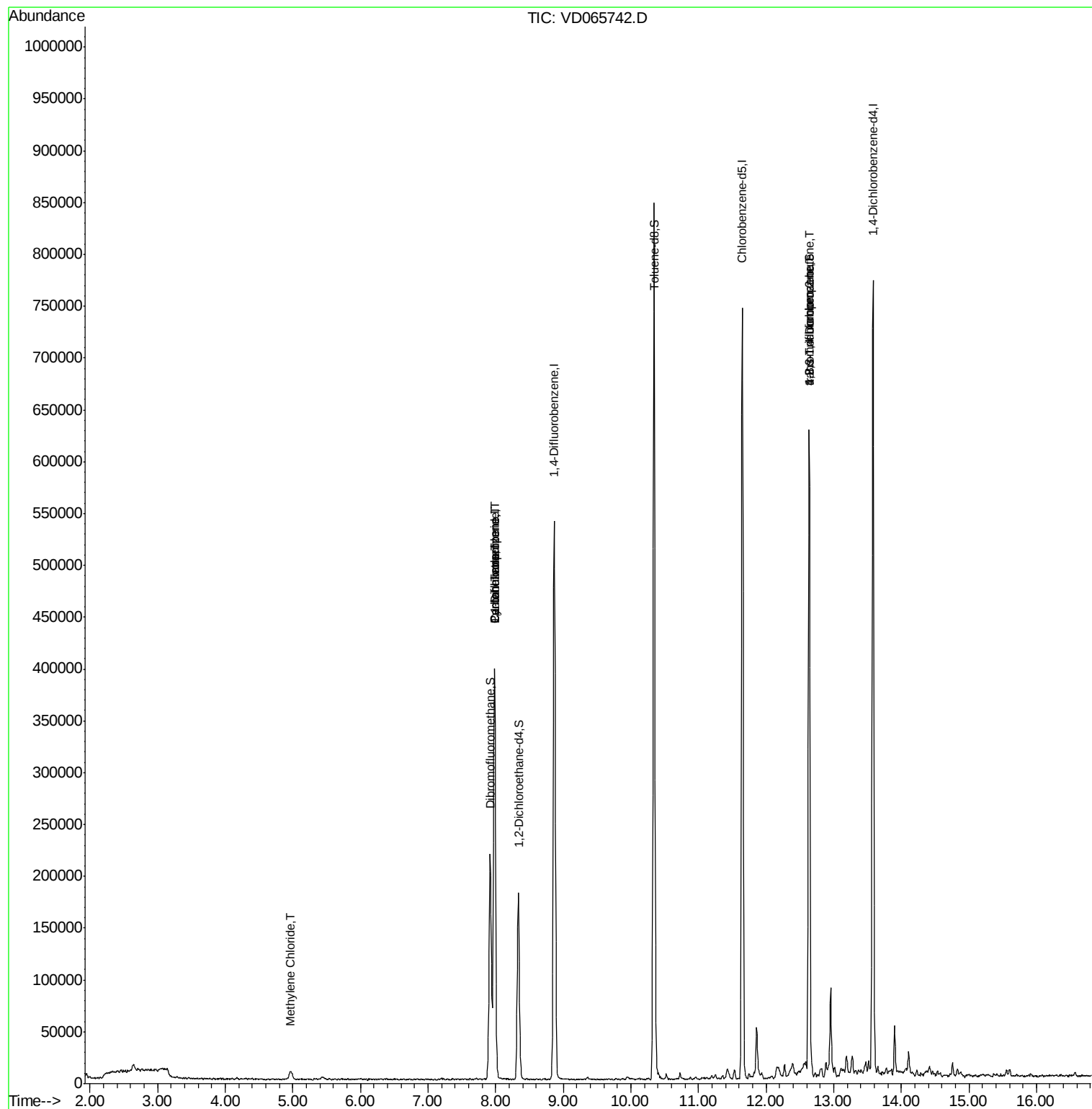
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	56	Below Cal	#	75
13) Acrolein	3.66	56	60	Below Cal	#	13
18) Methyl Acetate	4.73	43	166	Below Cal	#	52
20) Methylene Chloride	4.97	84	5773	1.953	ug/l #	79
31) Cyclohexane	7.98	56	6353	1.252	ug/l #	38
36) 1,1-Dichloropropene	7.98	75	22008	5.278	ug/l #	50
38) Carbon Tetrachloride	7.98	117	28704	6.491	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	98835	63.113	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	98835	123.818	ug/l #	13

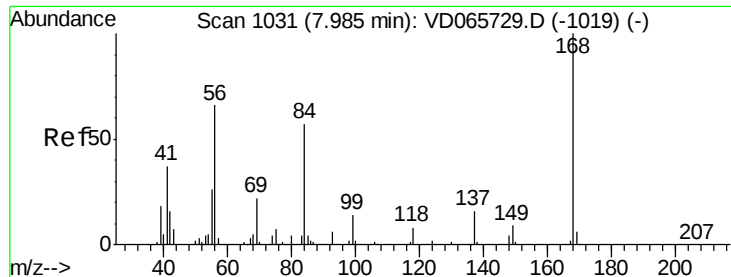
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051420\
Data File : VD065742.D
Acq On : 14 May 2020 14:55
Operator : VA/SY
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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: VD065742.D

Acq: 14 May 2020 14:55

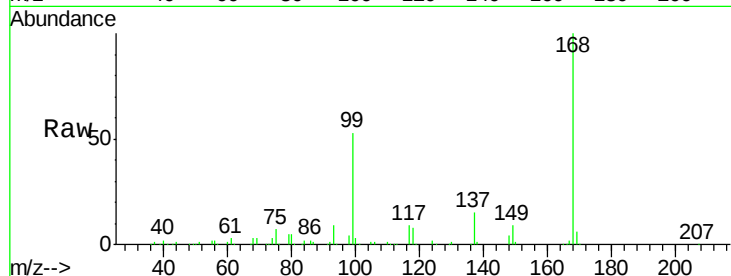
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 316976

Ion Ratio Lower Upper

168 100

99 52.5 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

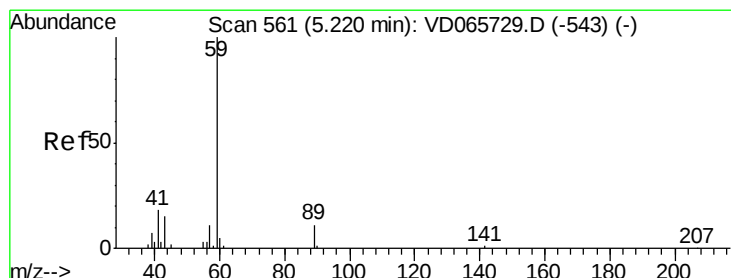
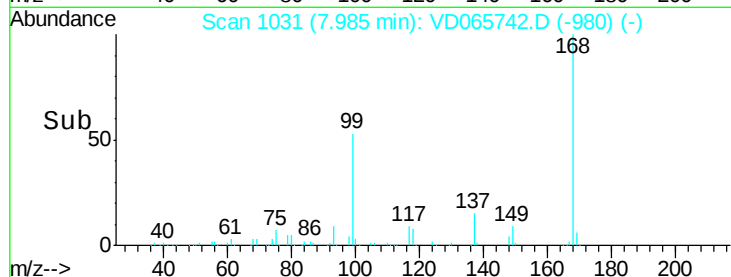
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 565

Delta R.T. 0.02 min

Lab File: VD065742.D

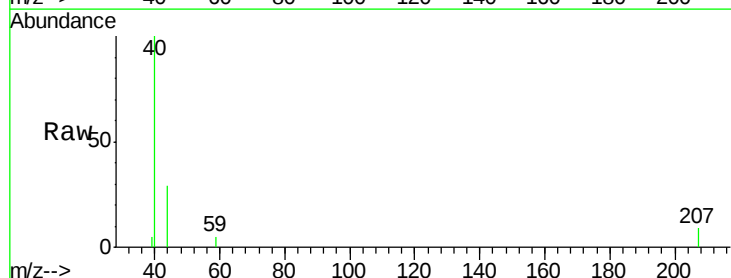
Acq: 14 May 2020 14:55

Tgt Ion: 59 Resp: 56

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.24

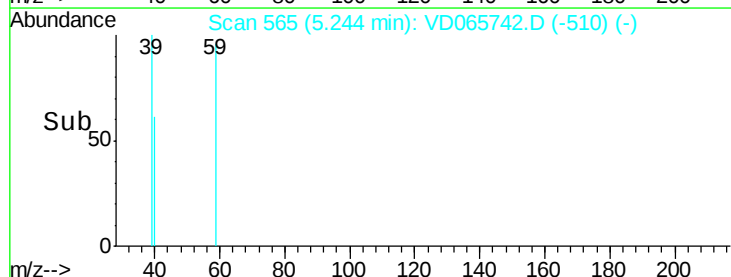
150

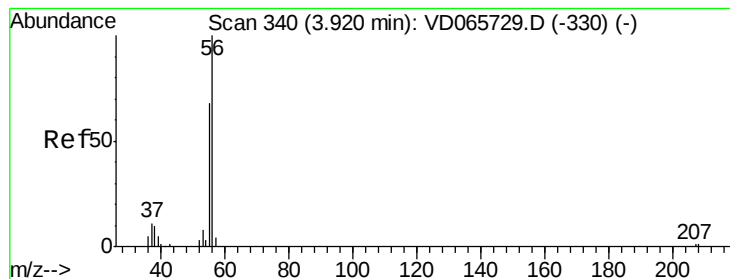
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.66 min Scan# 296

Delta R.T. -0.26 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

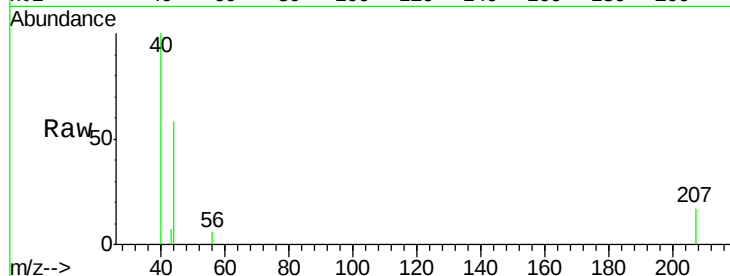
ClientSampleId :

Tot Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.66

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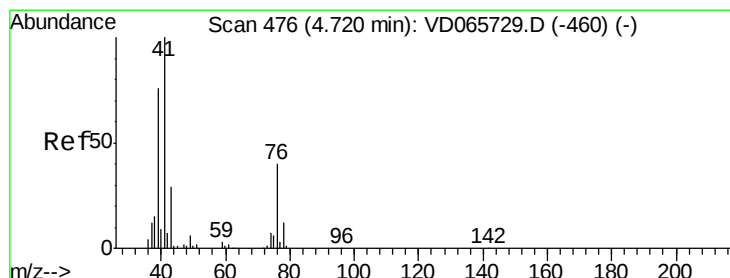
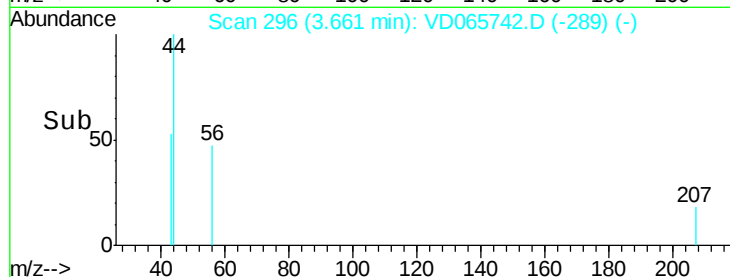
3.66

3.66

3.66

3.66

3.66



#18

Methyl Acetate

Concen: Below Cal

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD065742.D

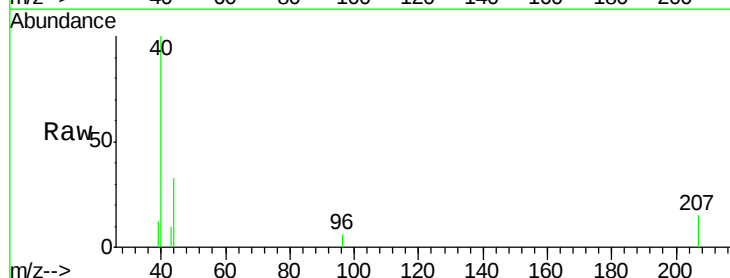
Acq: 14 May 2020 14:55

Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

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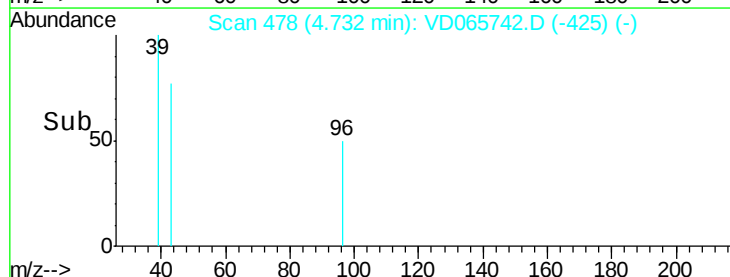
4.73

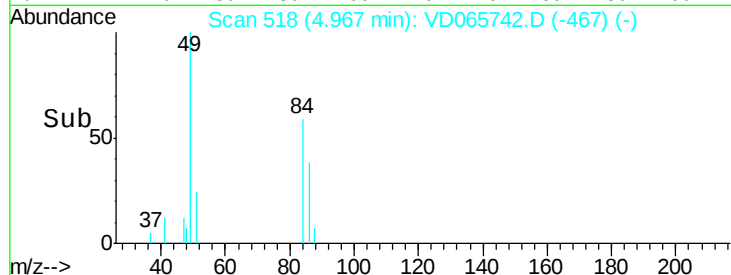
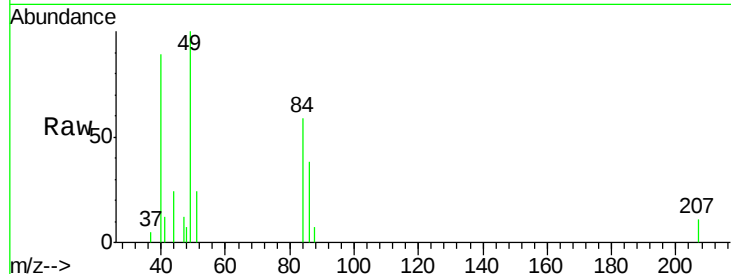
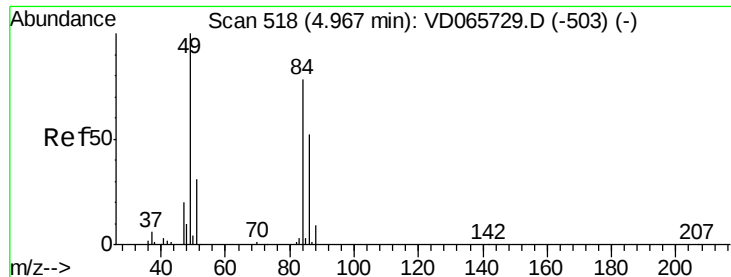
4.73

4.73

4.73

4.73

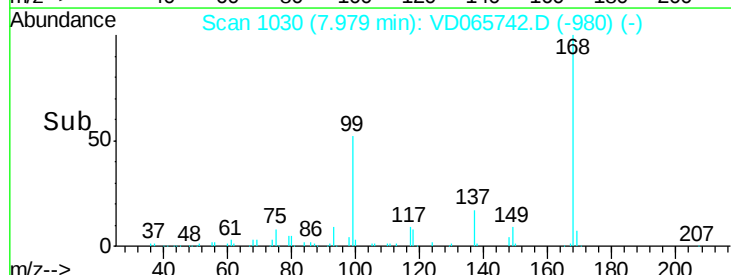
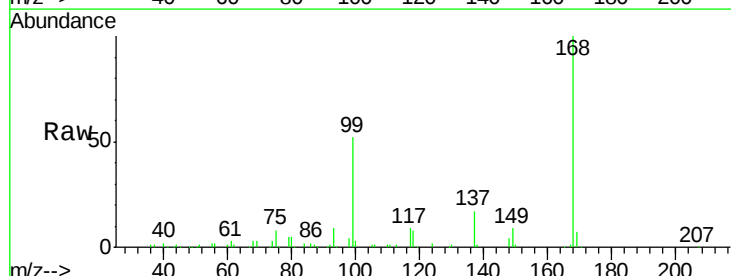
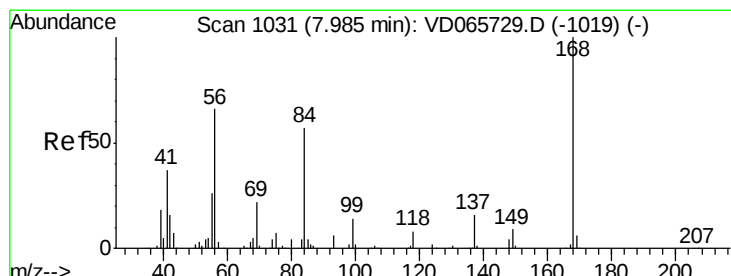
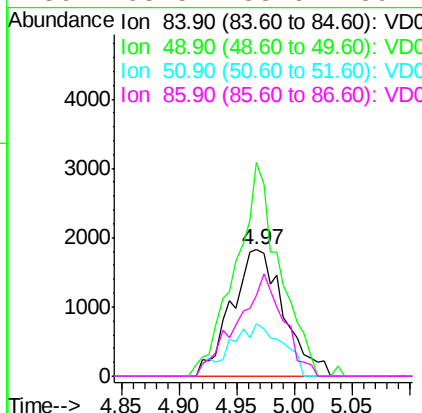




#20
Methylene Chloride
Concen: 1.953 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

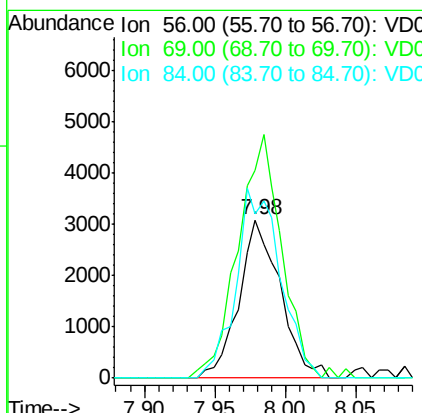
Instrument :
MSVOA_D
ClientSampleId :

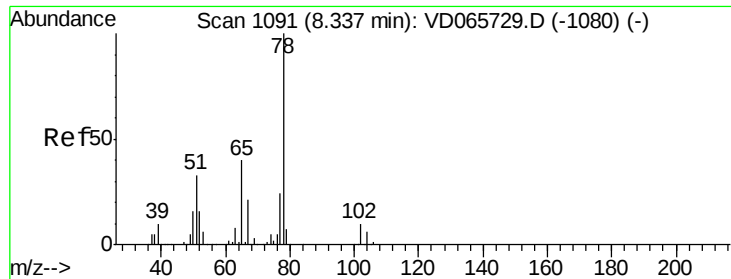
Tot Ion:	84	Resp:	5773
Ion	Ratio	Lower	Upper
84	100		
49	168.8	102.9	154.3#
51	41.1	31.5	47.3
86	63.5	53.6	80.4



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

Tgt Ion:	56	Resp:	6353
Ion	Ratio	Lower	Upper
56	100		
69	131.6	25.9	38.9#
84	104.2	69.1	103.7#





#33

1,2-Dichloroethane-d4

Concen: 54.954 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

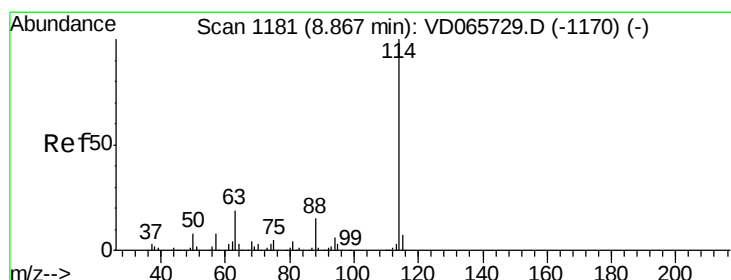
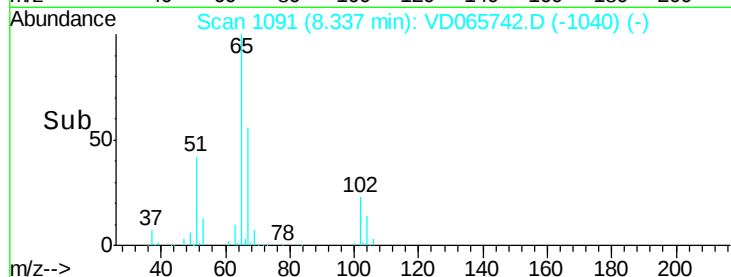
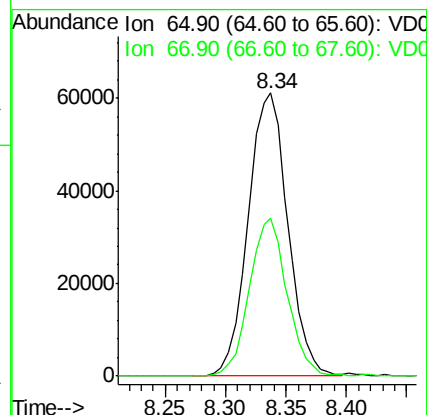
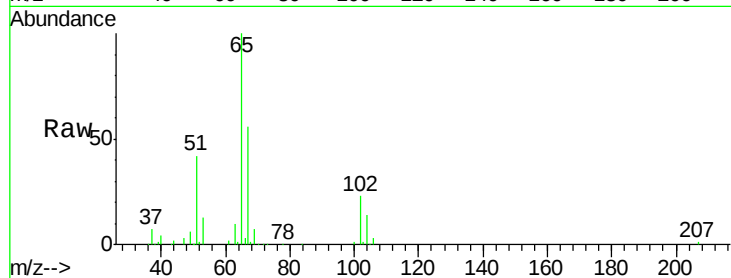
ClientSampleId :

Tot Ion: 65 Resp: 140372

Ion Ratio Lower Upper

65 100

67 53.1 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: VD065742.D

Acq: 14 May 2020 14:55

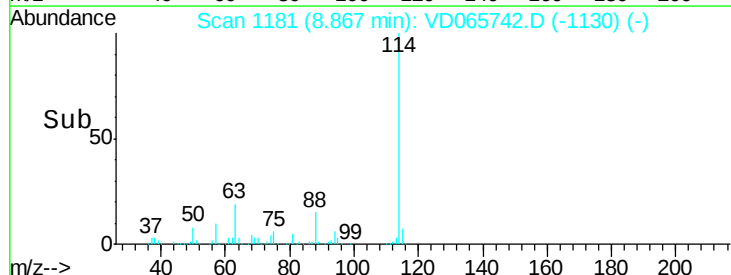
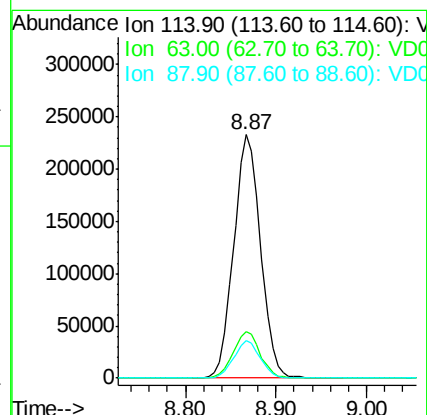
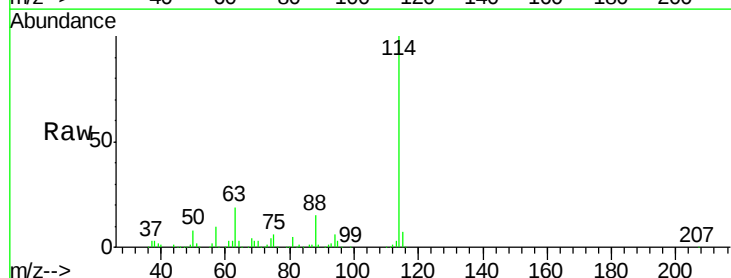
Tgt Ion: 114 Resp: 480110

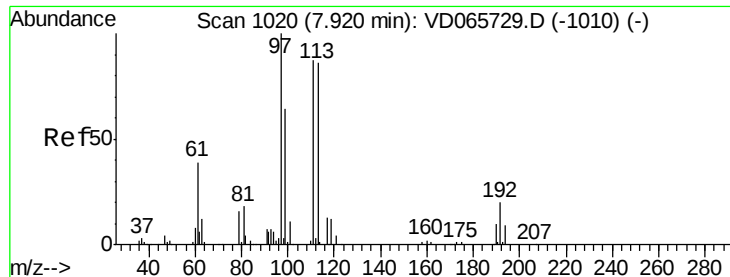
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

88 15.2 0.0 30.2

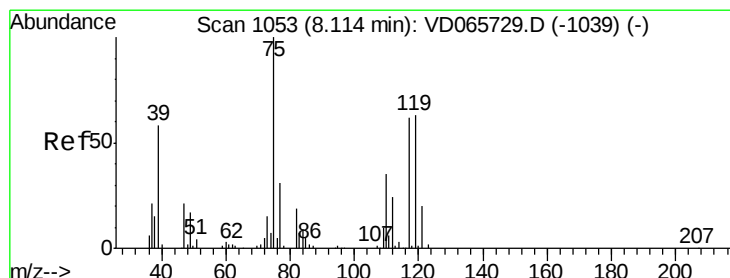
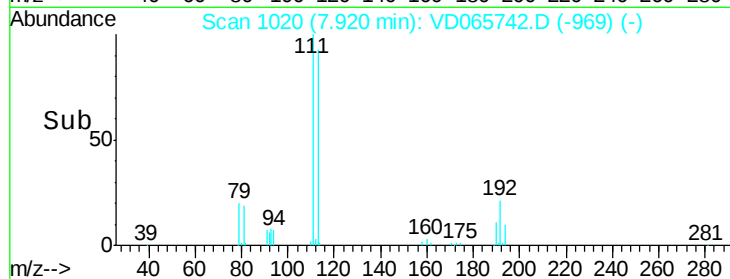
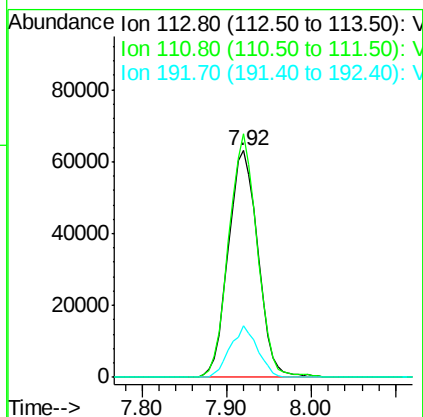
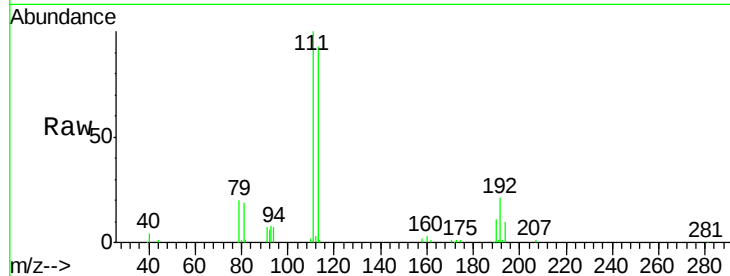




#35
 Dibromofluoromethane
 Concen: 56.119 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065742.D
 Acq: 14 May 2020 14:55

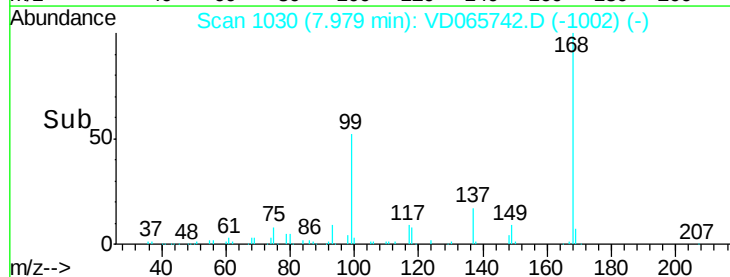
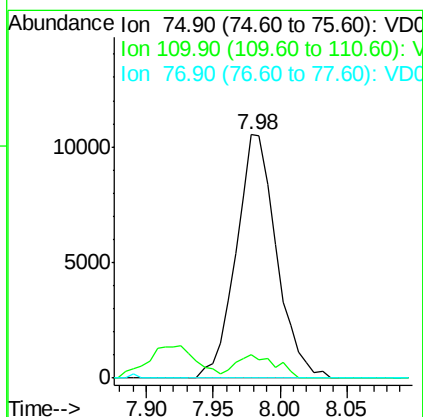
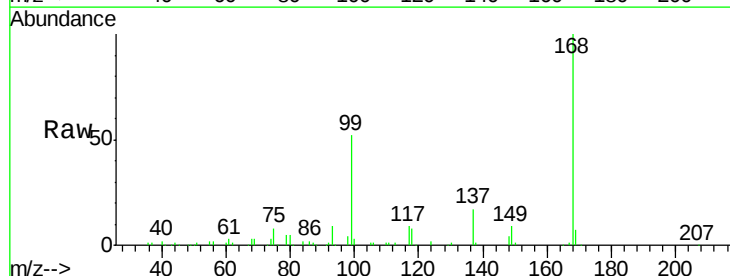
Instrument :
 MSVOA_D
 ClientSampleId :

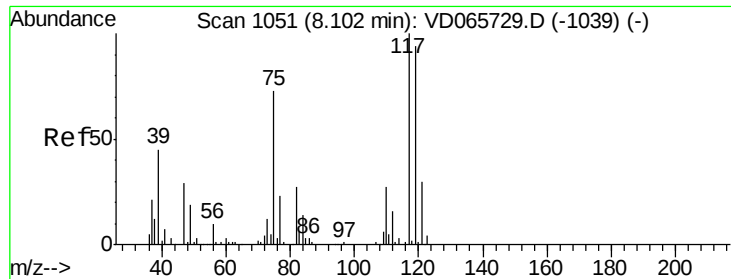
Tot Ion:113 Resp: 152641
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 21.0 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 5.278 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065742.D
 Acq: 14 May 2020 14:55

Tgt Ion: 75 Resp: 22008
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.4 55.2#
 77 0.0 24.6 37.0#

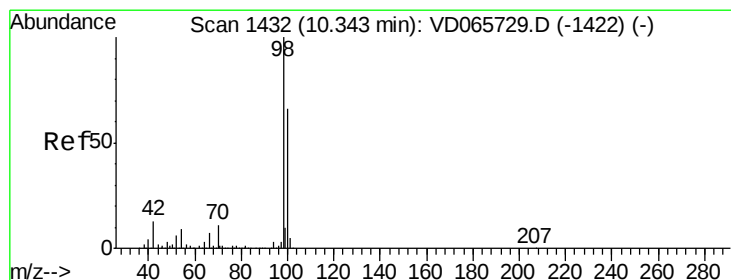
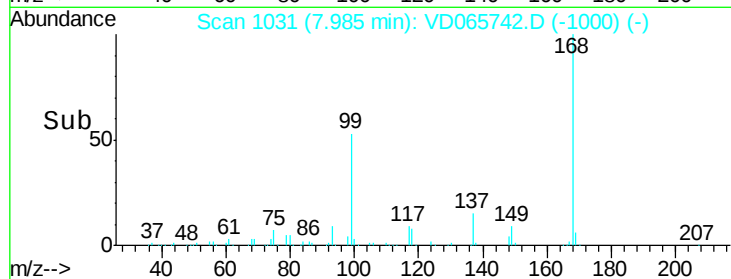
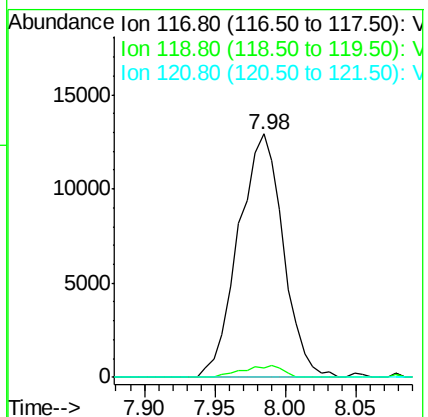
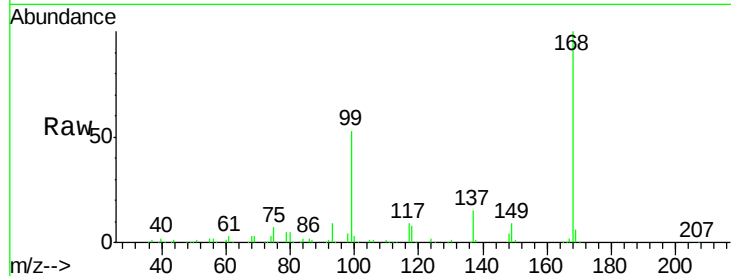




#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

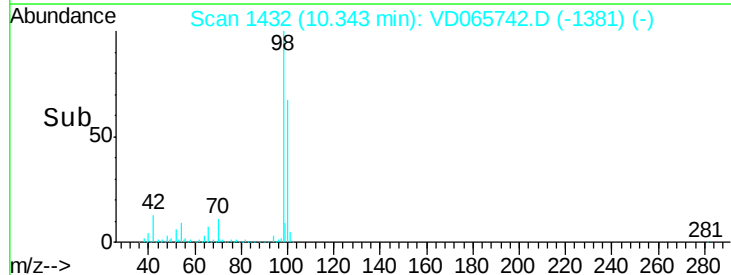
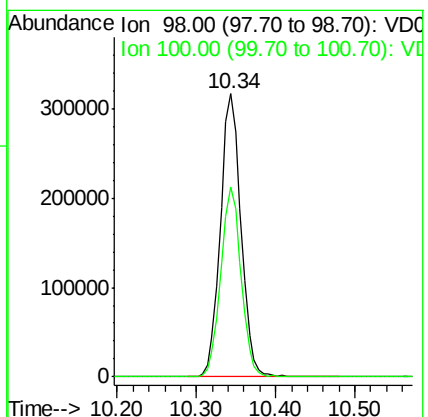
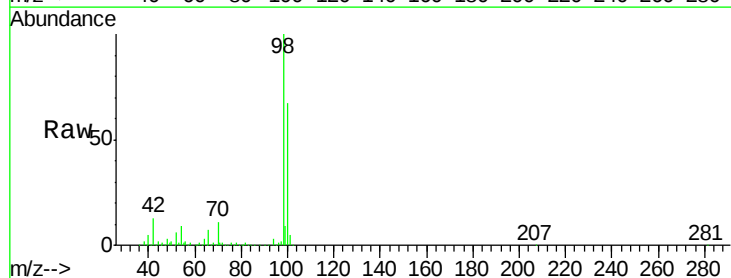
Instrument :
MSVOA_D
ClientSampleId :

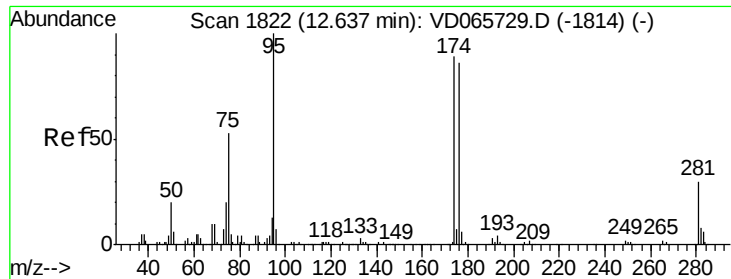
Tot Ion:117 Resp: 28704
Ion Ratio Lower Upper
117 100
119 3.6 75.6 113.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.102 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

Tgt Ion: 98 Resp: 570593
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

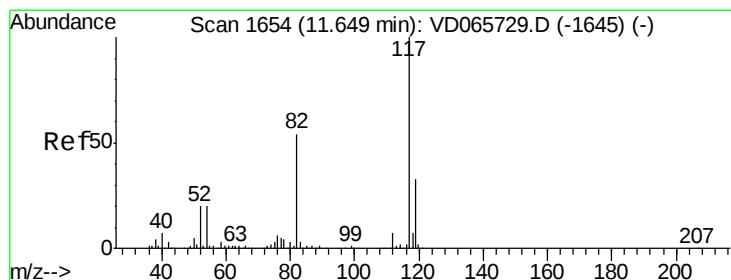
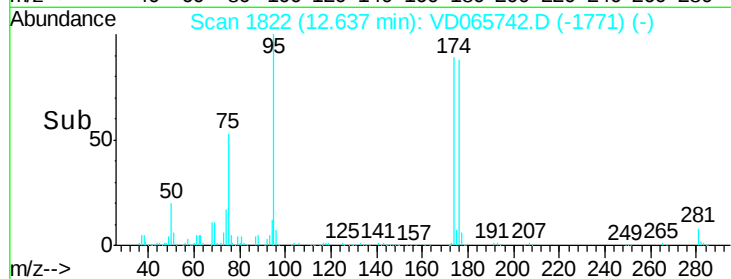
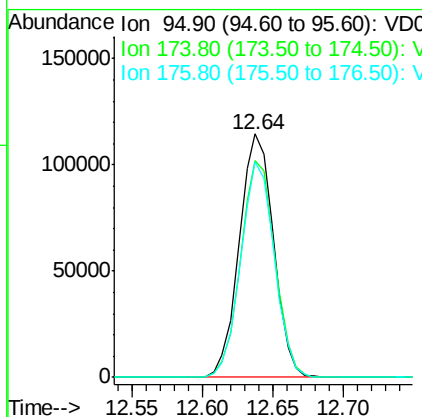
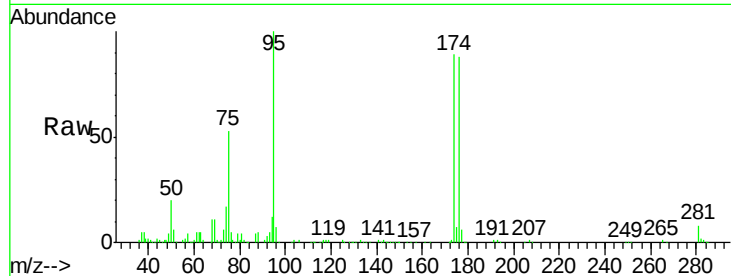




#62
4-Bromofluorobenzene
Concen: 55.525 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

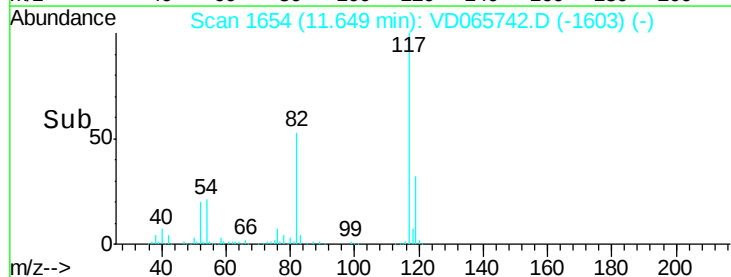
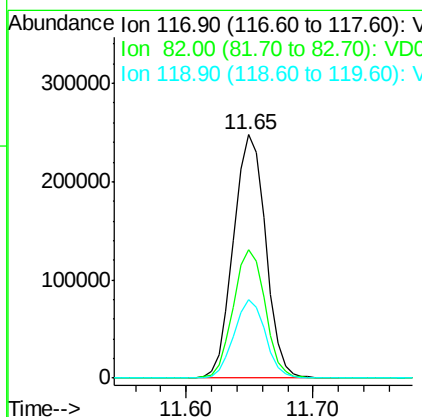
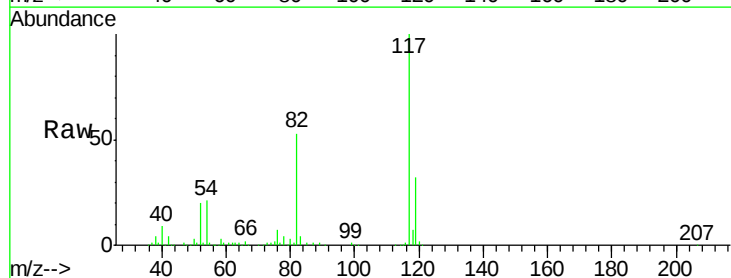
Instrument :
MSVOA_D
ClientSampleId :

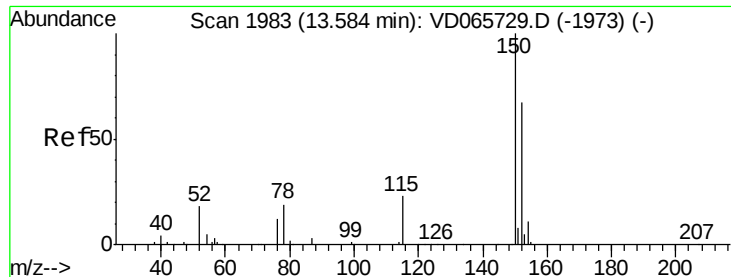
Tot Ion	95	Resp	194720
Ion Ratio	100	Lower	Upper
174	89.1	0.0	179.4
176	86.9	0.0	174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065742.D
Acq: 14 May 2020 14:55

Tgt Ion	117	Resp	436241
Ion Ratio	100	Lower	Upper
82	52.9	43.0	64.6
119	32.1	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

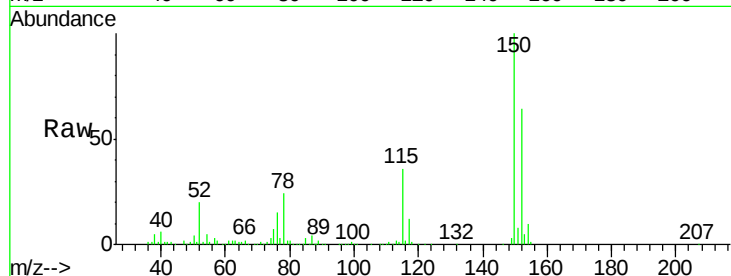
Tot Ion:152 Resp: 209834

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.3

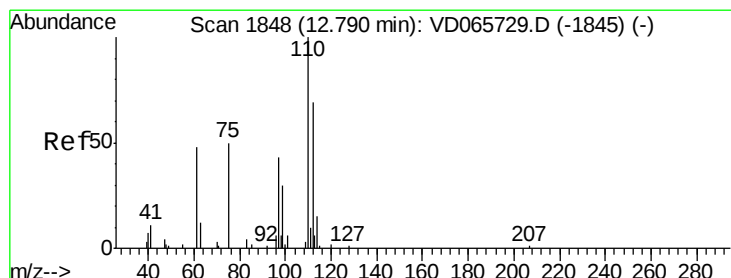
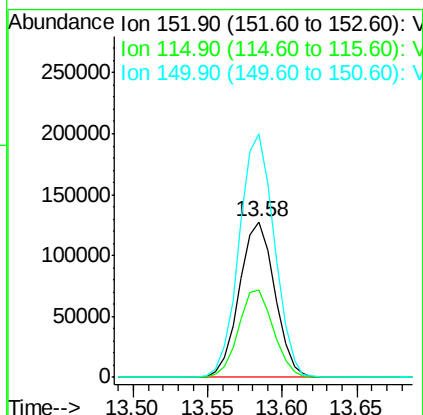
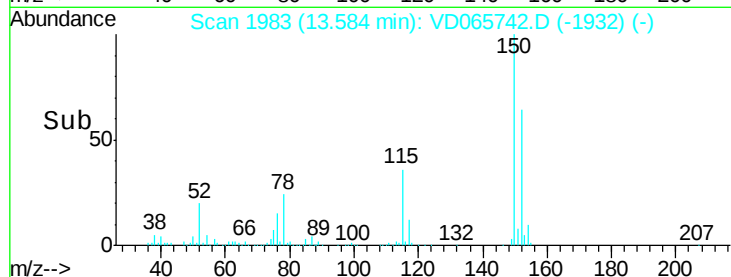
150 155.7 0.0 343.2



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: 63.113 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065742.D

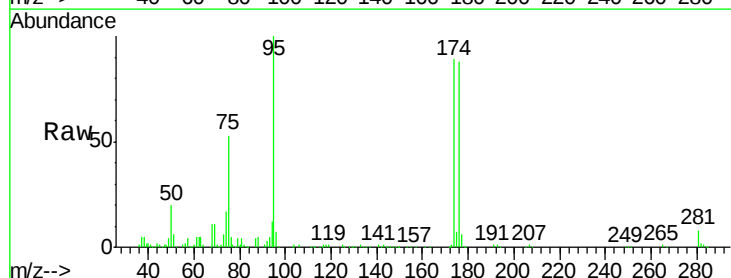
Acq: 14 May 2020 14:55

Tgt Ion: 75 Resp: 98835

Ion Ratio Lower Upper

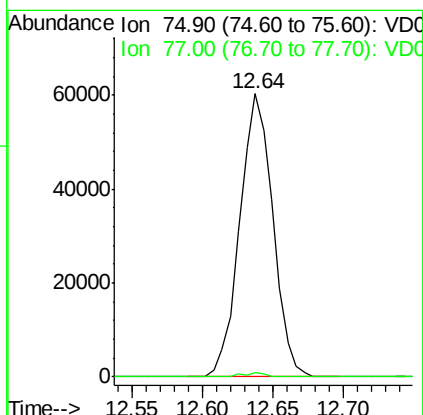
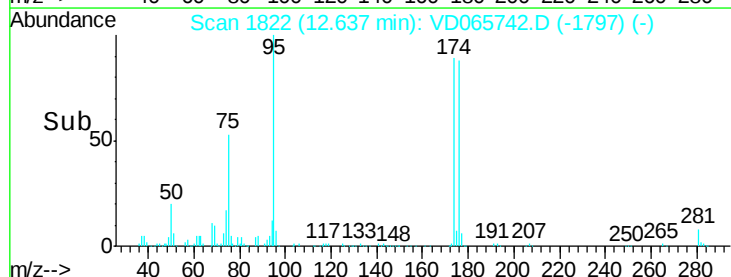
75 100

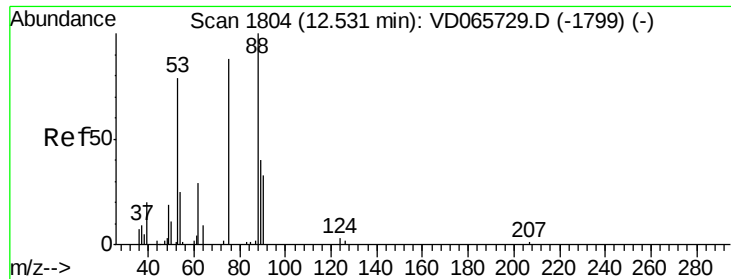
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 123.818 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065742.D

Acq: 14 May 2020 14:55

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 98835

Ion Ratio Lower Upper

75 100

53 0.0 72.6 109.0#

89 0.2 37.0 55.4#

