

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065839.D
 Acq On : 19 Jun 2020 20:02
 Operator : VA/SY
 Sample : L3035-12
 Misc : 7.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-SP-3-5

Quant Time: Jun 20 01:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	131971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	235864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	208670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	78256	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	77539	59.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.92%	
35) Dibromofluoromethane	7.92	113	74377	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	256689	46.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.64	95	74423	39.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.00%	

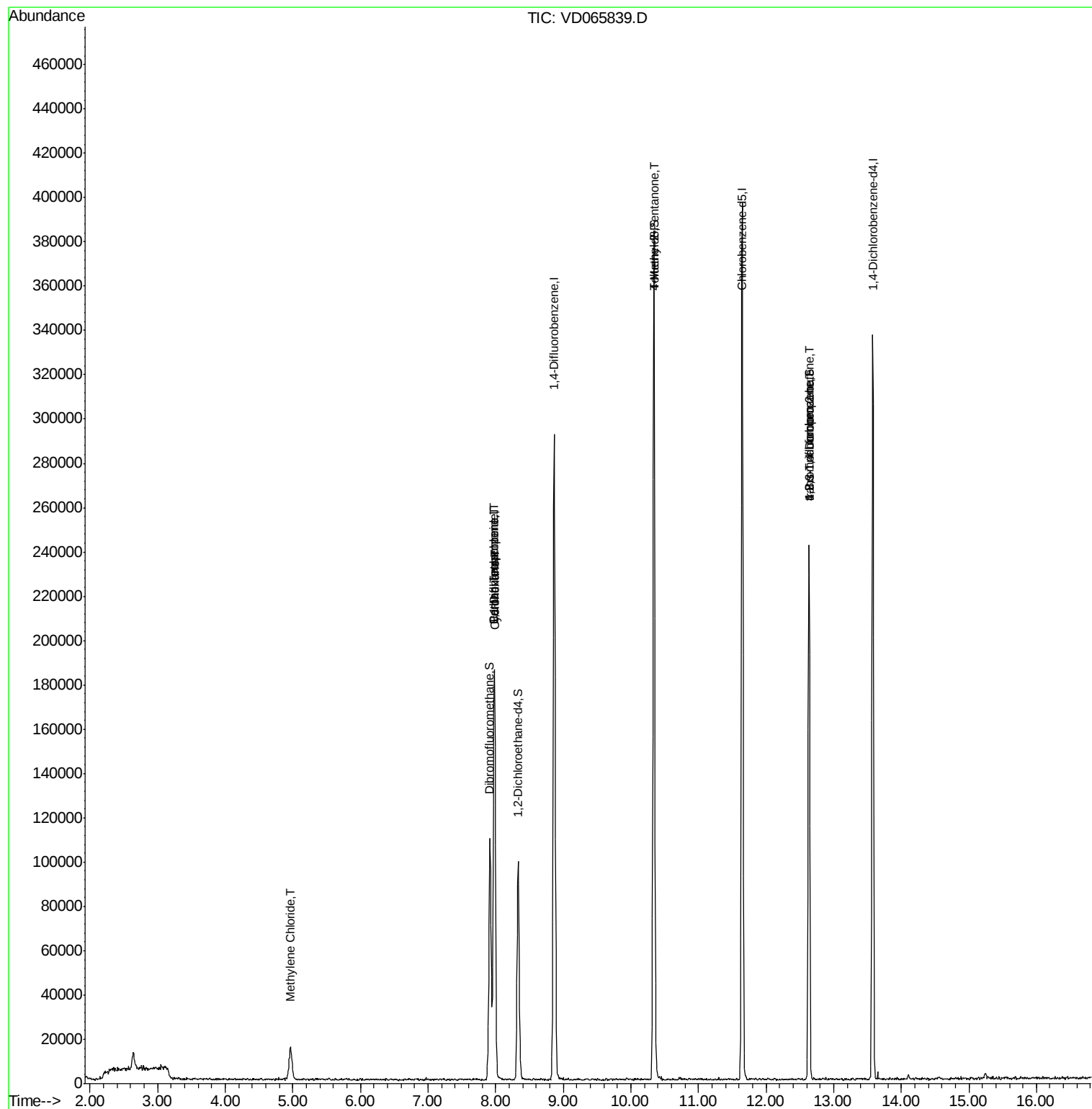
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	187	Below Cal	#	1
18) Methyl Acetate	4.87	43	53	Below Cal	#	52
20) Methylene Chloride	4.97	84	10821	4.208	ug/l	89
31) Cyclohexane	7.99	56	3918	1.675	ug/l #	55
36) 1,1-Dichloropropene	7.98	75	11280	4.992	ug/l #	50
38) Carbon Tetrachloride	7.98	117	14132	5.943	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	1438	1.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	41395	68.016	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	41395	146.957	ug/l #	9

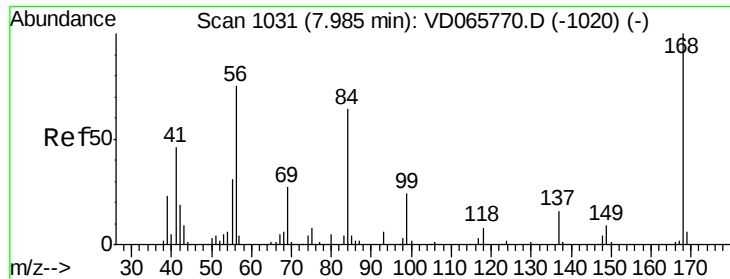
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
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Quant Time: Jun 20 01:28:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

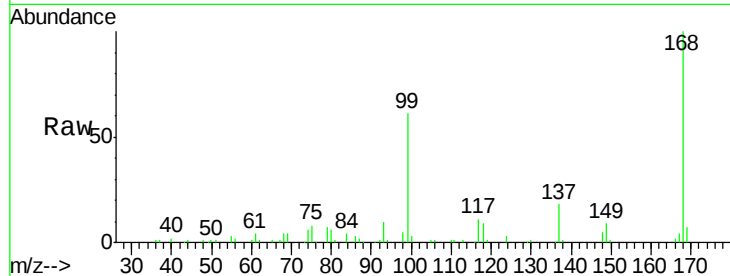
1-SP-3-5

Tgt Ion:168 Resp: 131971

Ion Ratio Lower Upper

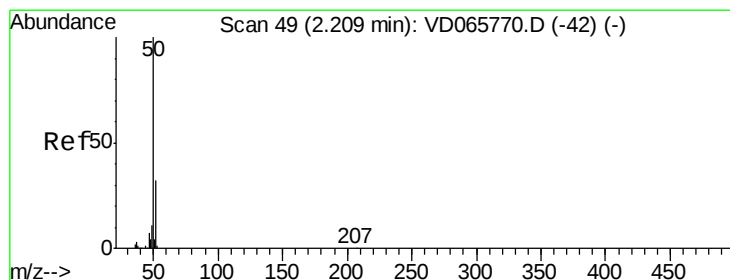
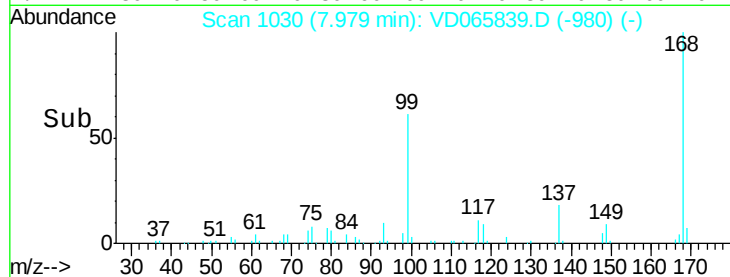
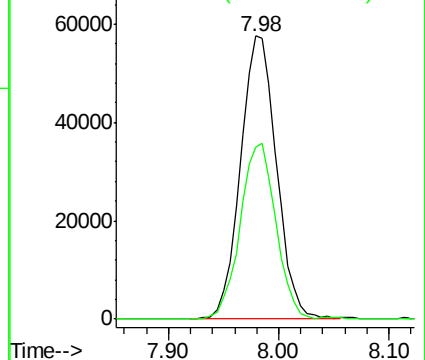
168 100

99 61.0 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065839.D

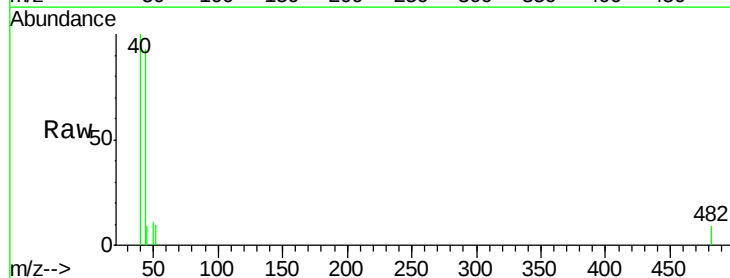
Acq: 19 Jun 2020 20:02

Tgt Ion: 50 Resp: 187

Ion Ratio Lower Upper

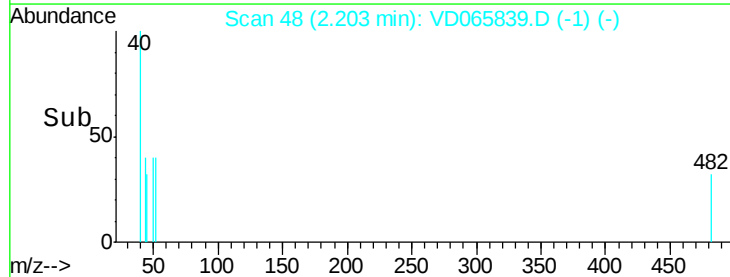
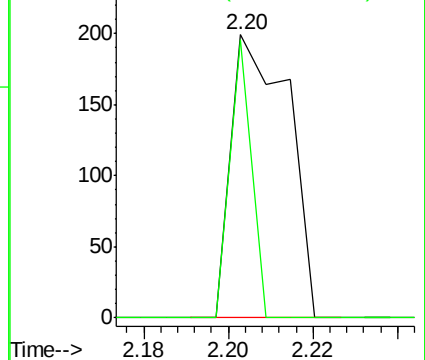
50 100

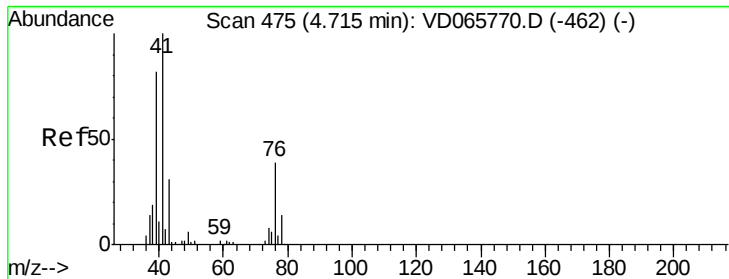
52 98.5 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

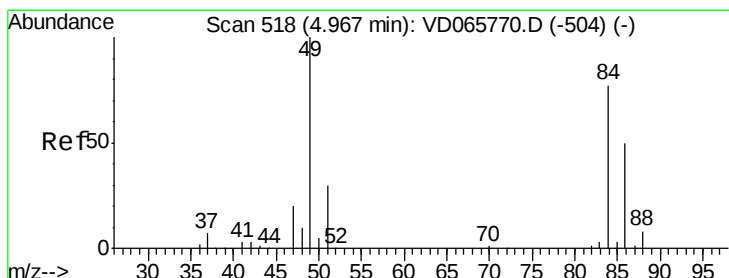
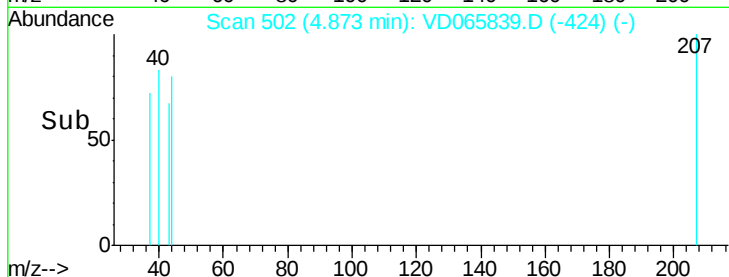
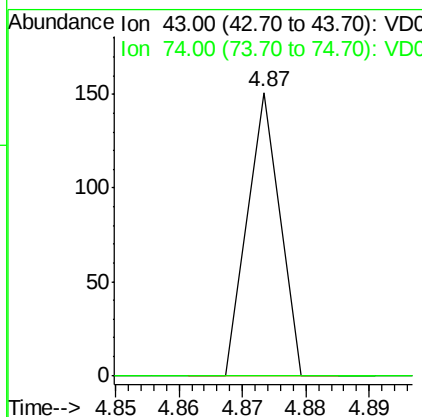
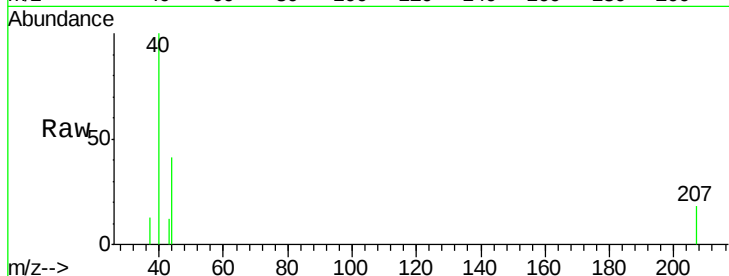




#18
Methyl Acetate
Concen: Below Cal
RT: 4.87 min Scan# 502
Delta R.T. 0.16 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

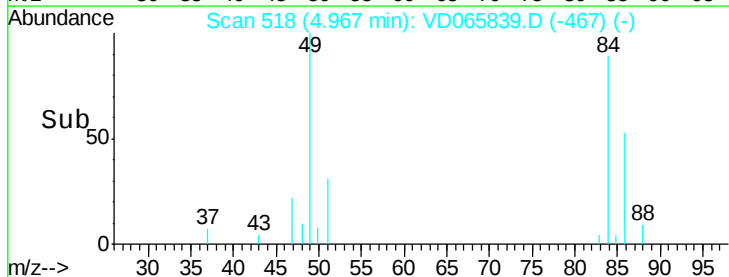
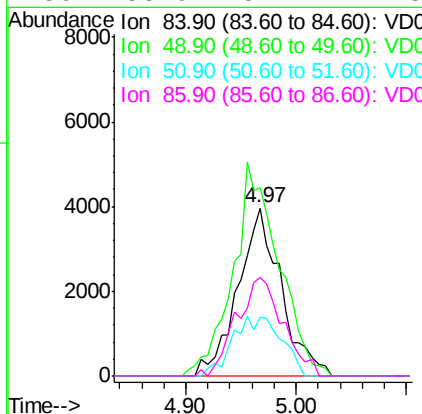
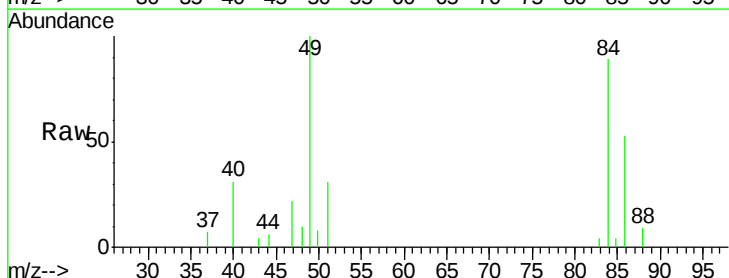
Instrument :
MSVOA_D
ClientSampleId :
1-SP-3-5

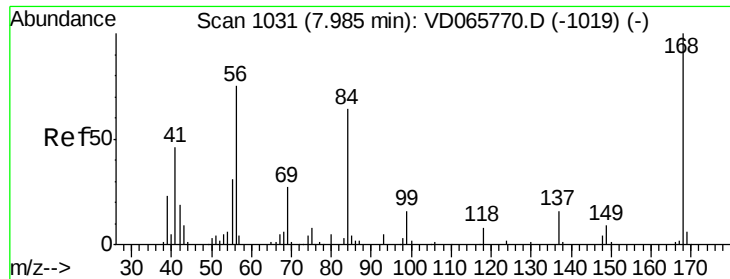
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 4.208 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Tgt Ion: 84 Resp: 10821
Ion Ratio Lower Upper
84 100
49 112.2 103.4 155.0
51 35.2 31.4 47.2
86 58.9 51.7 77.5

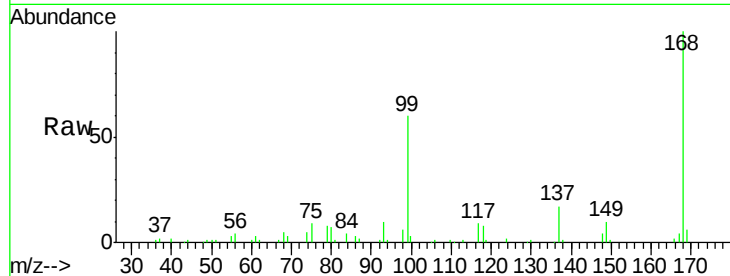




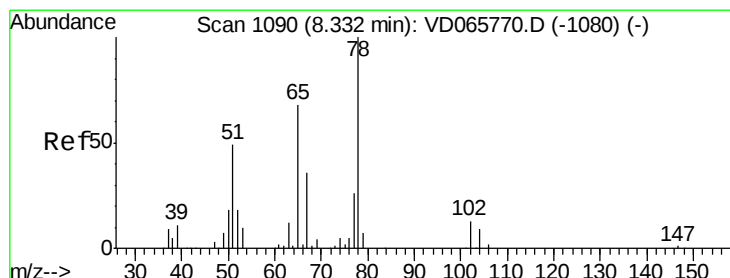
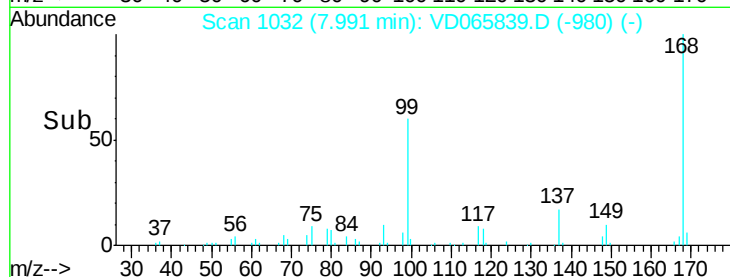
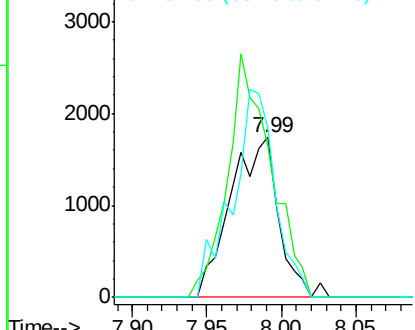
#31
Cyclohexane
Concen: 1.675 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Instrument :
MSVOA_D
ClientSampleId :
1-SP-3-5

Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
69 94.8 28.5 42.7#
84 105.8 68.4 102.6#

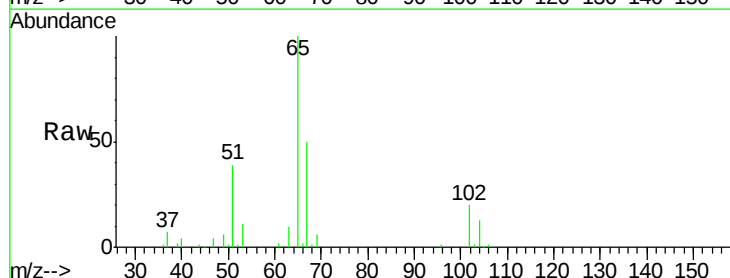


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

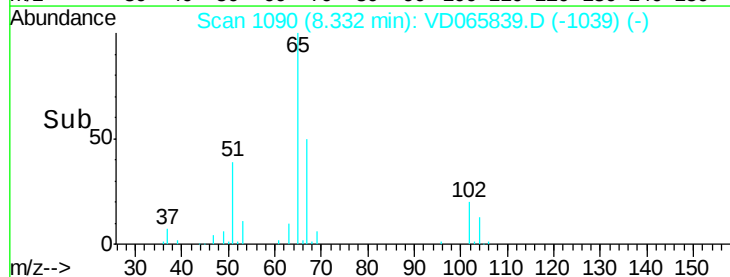
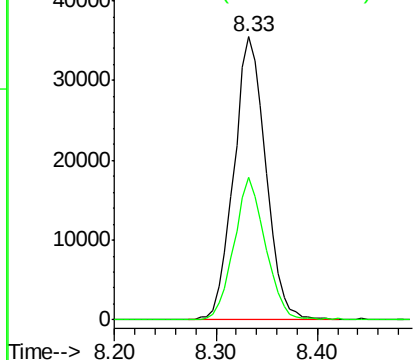


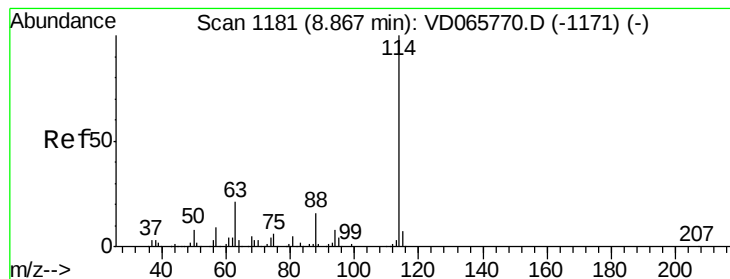
#33
1,2-Dichloroethane-d4
Concen: 59.460 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Tgt Ion: 65 Resp: 77539
Ion Ratio Lower Upper
65 100
67 49.2 0.0 103.6



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: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

1-SP-3-5

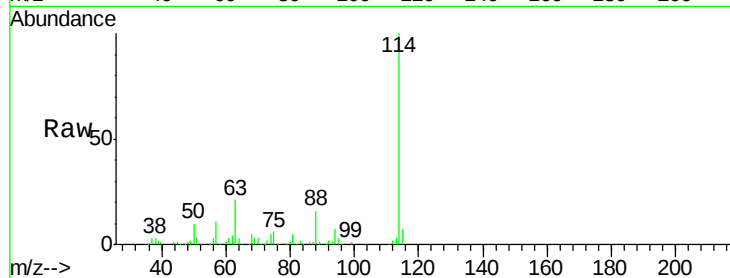
Tgt Ion:114 Resp: 235864

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

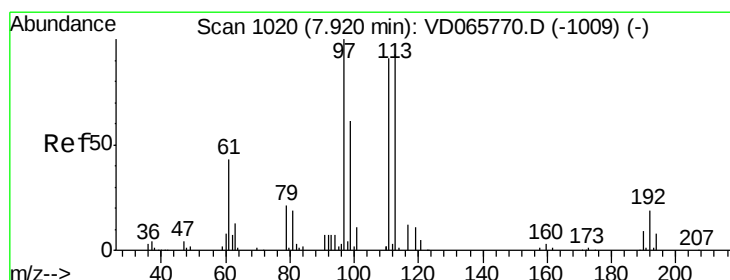
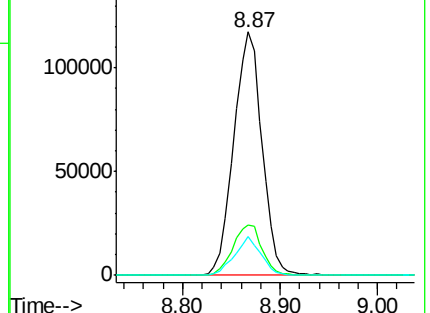
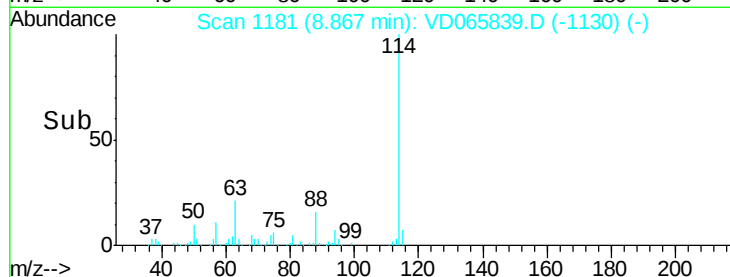
88 15.8 0.0 32.0



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: 49.922 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

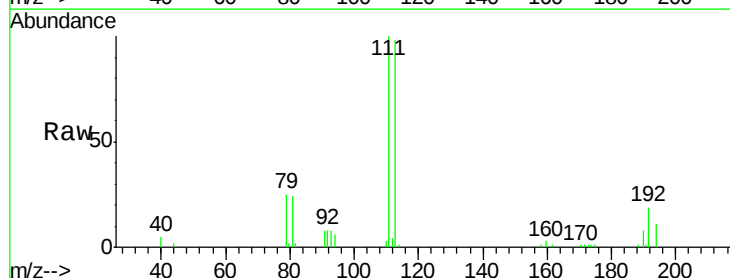
Tgt Ion:113 Resp: 74377

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

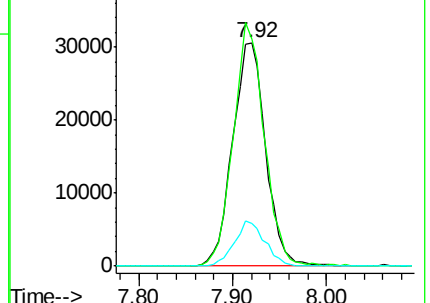
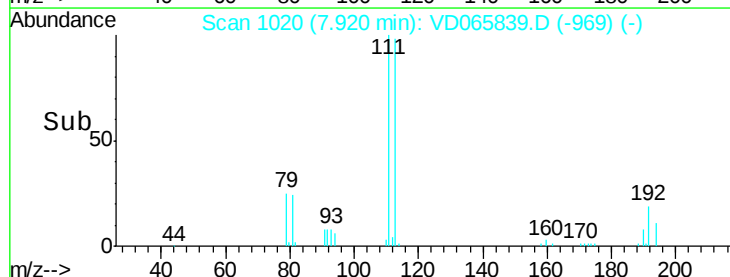
192 18.5 15.7 23.5

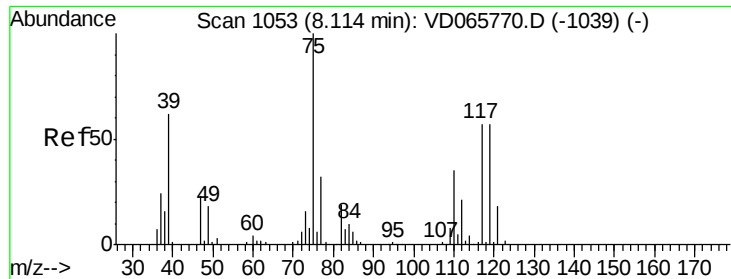


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

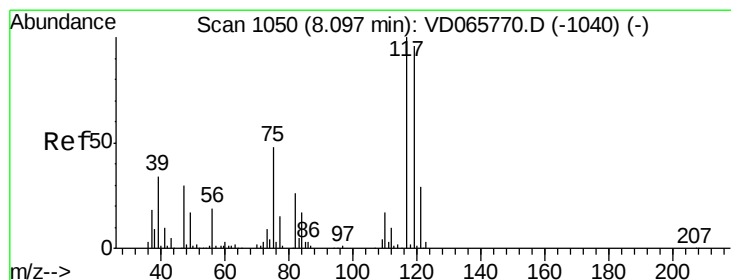
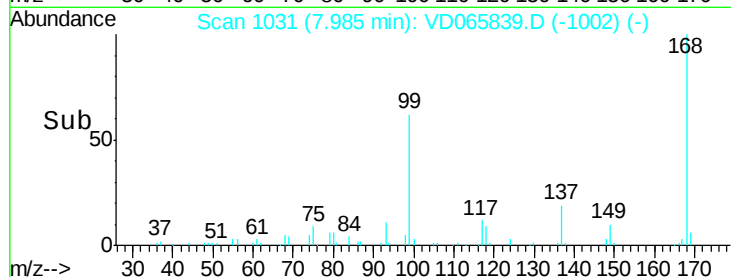
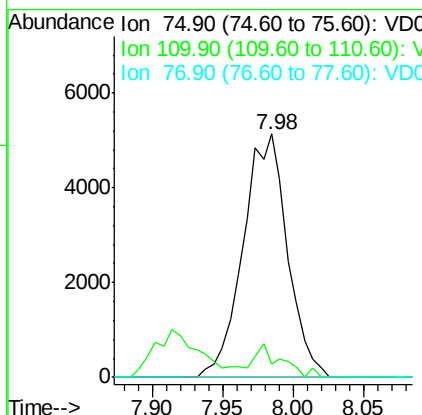
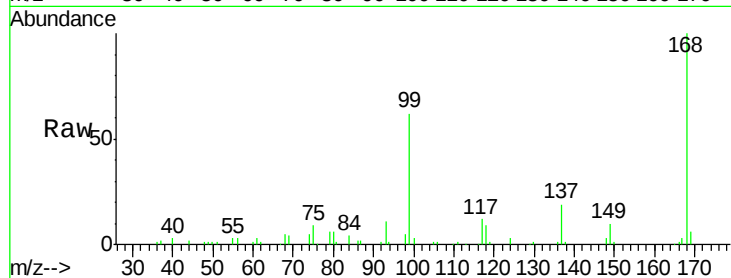




#36
 1,1-Dichloropropene
 Concen: 4.992 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065839.D
 Acq: 19 Jun 2020 20:02

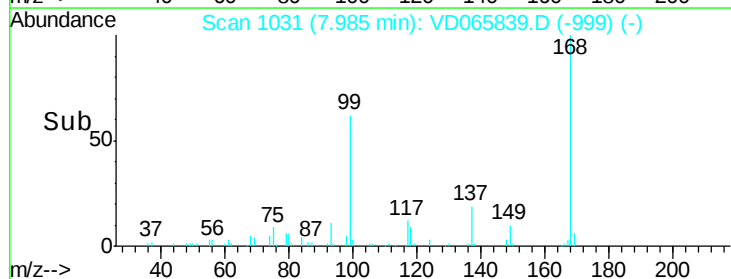
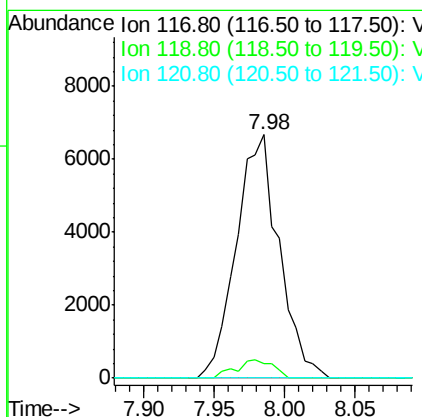
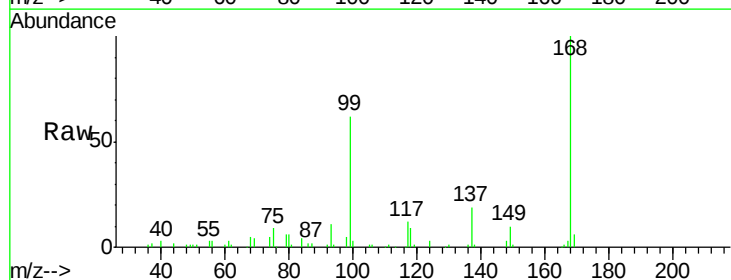
Instrument :
 MSVOA_D
 ClientSampleId :
 1-SP-3-5

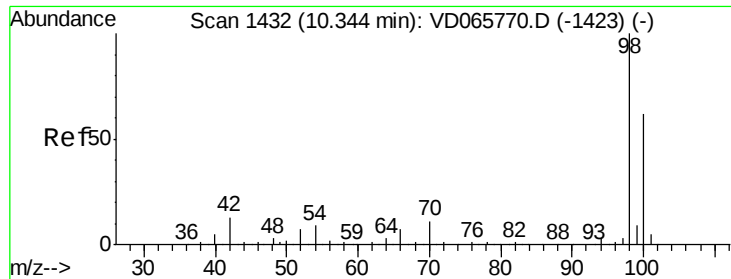
Tgt Ion: 75 Resp: 11280
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.6 52.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.943 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065839.D
 Acq: 19 Jun 2020 20:02

Tgt Ion: 117 Resp: 14132
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.8 115.2#
 121 0.0 23.4 35.2#





#50

Toluene-d8

Concen: 46.204 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

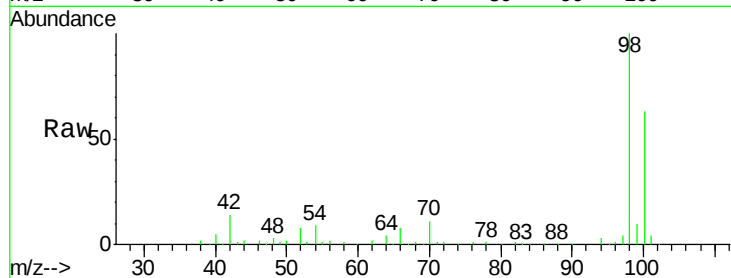
1-SP-3-5

Tgt Ion: 98 Resp: 256689

Ion Ratio Lower Upper

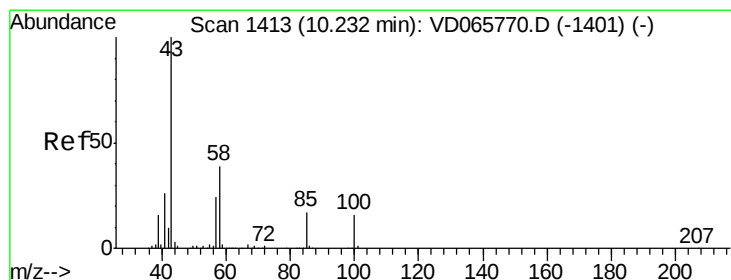
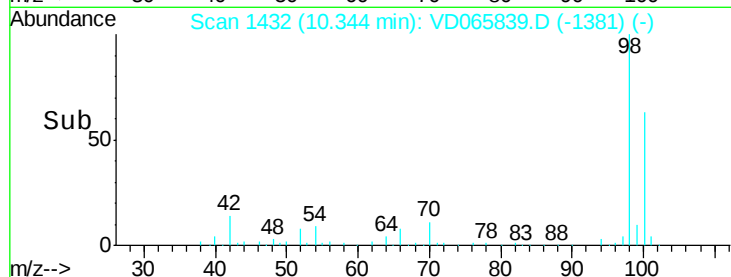
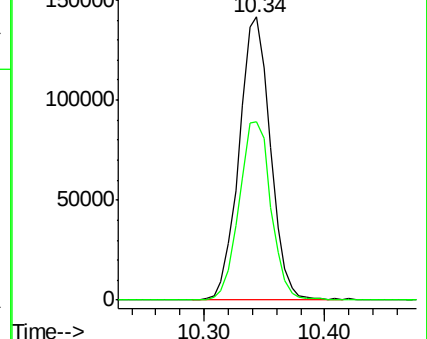
98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.658 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD065839.D

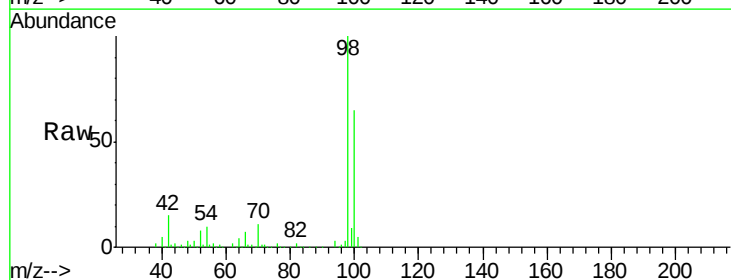
Acq: 19 Jun 2020 20:02

Tgt Ion: 43 Resp: 1438

Ion Ratio Lower Upper

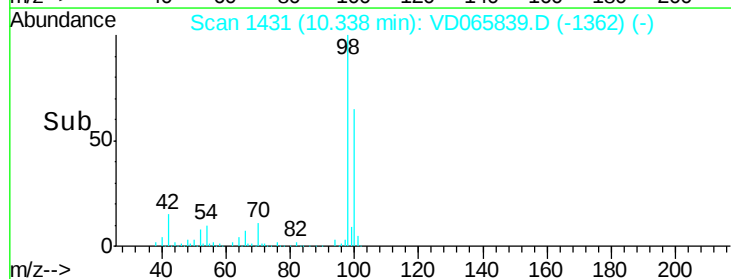
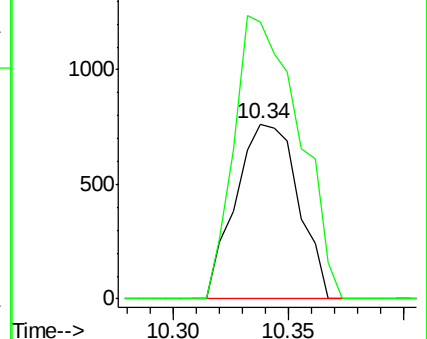
43 100

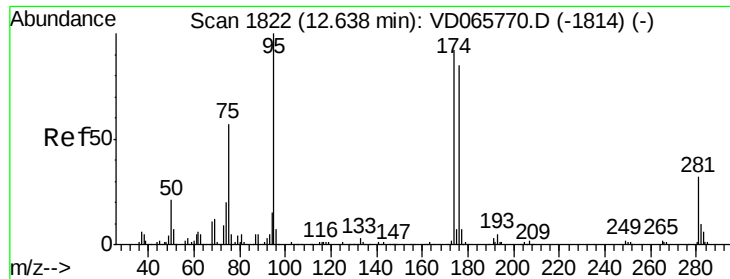
58 168.2 30.7 46.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

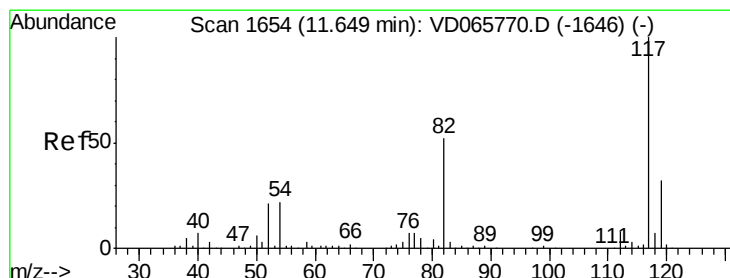
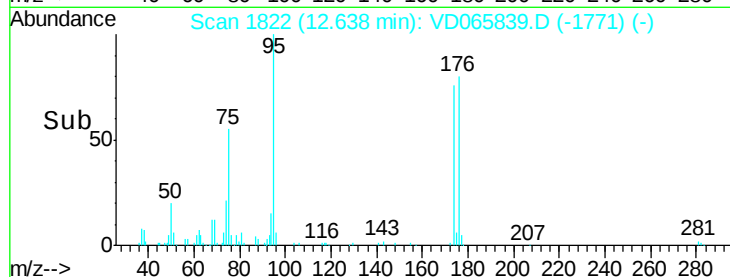
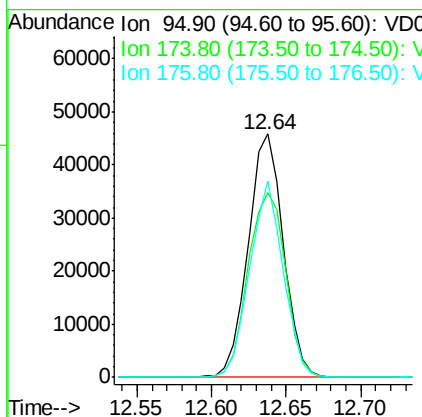
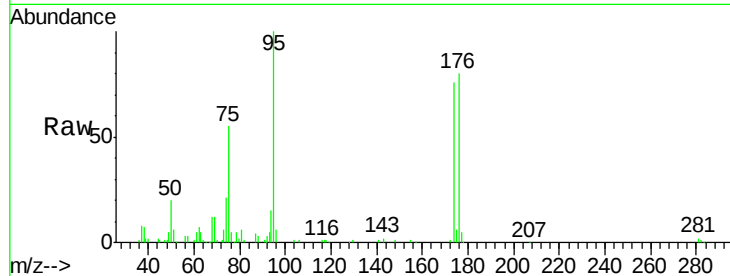




#62
4-Bromofluorobenzene
Concen: 39.501 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

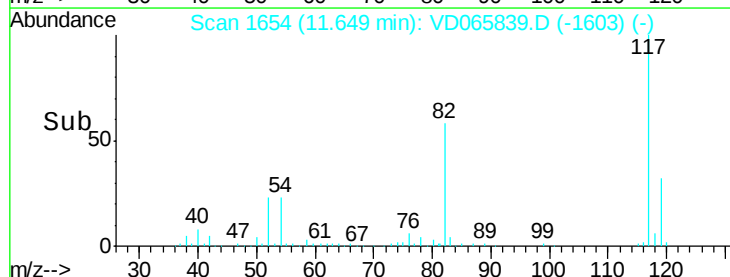
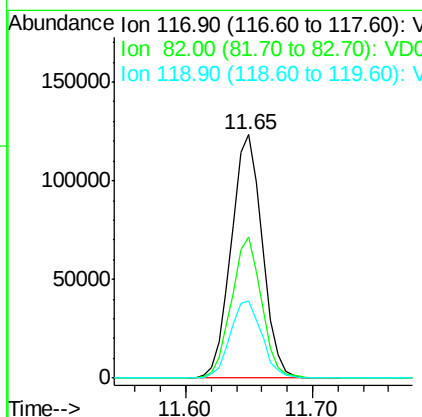
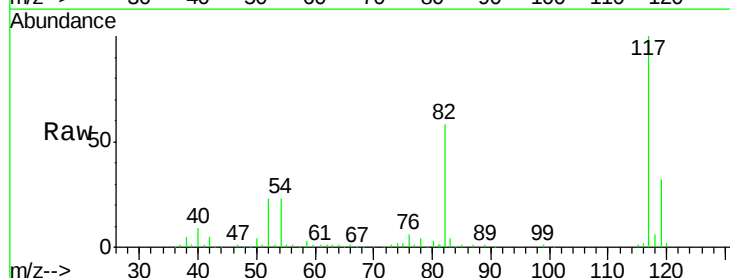
Instrument :
MSVOA_D
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1-SP-3-5

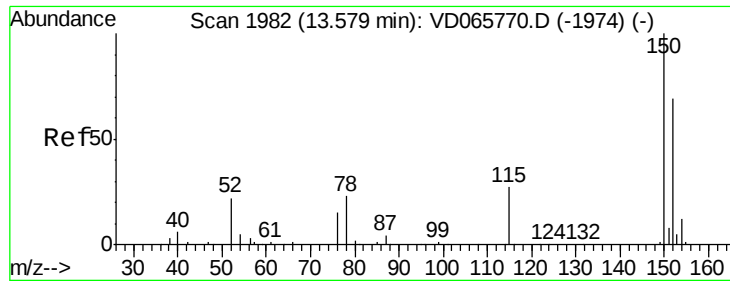
Tgt Ion: 95 Resp: 74423
Ion Ratio Lower Upper
95 100
174 80.9 0.0 175.2
176 77.0 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Tgt Ion: 117 Resp: 208670
Ion Ratio Lower Upper
117 100
82 58.1 41.9 62.9
119 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

1-SP-3-5

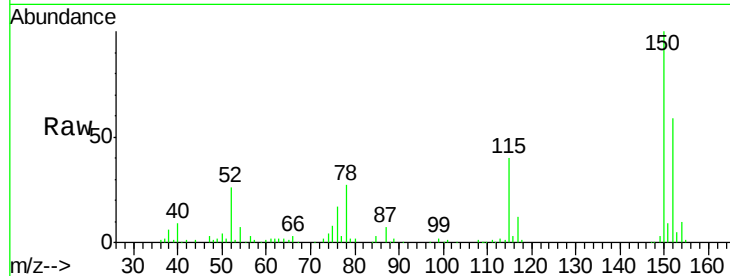
Tgt Ion:152 Resp: 78256

Ion Ratio Lower Upper

152 100

115 61.9 28.7 86.1

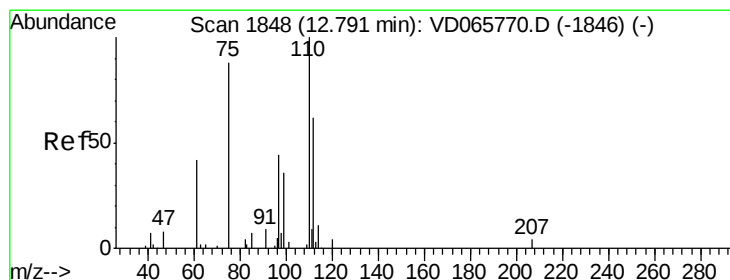
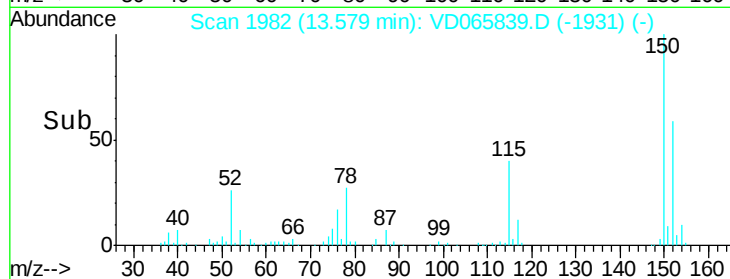
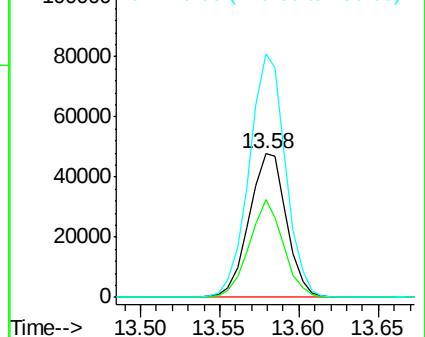
150 164.4 0.0 348.0



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: 68.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065839.D

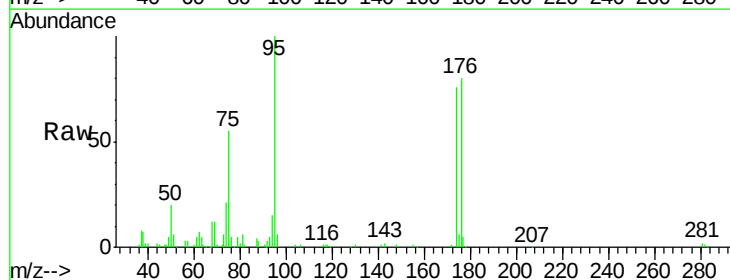
Acq: 19 Jun 2020 20:02

Tgt Ion: 75 Resp: 41395

Ion Ratio Lower Upper

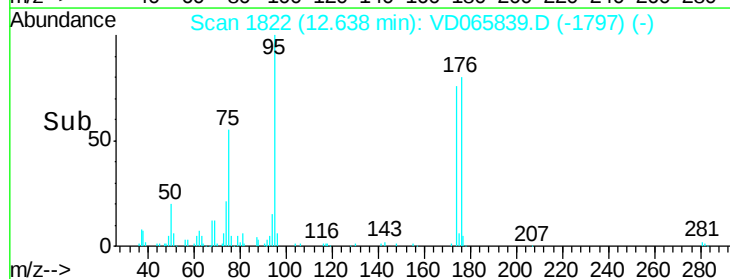
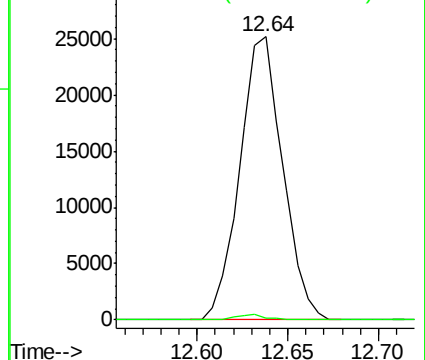
75 100

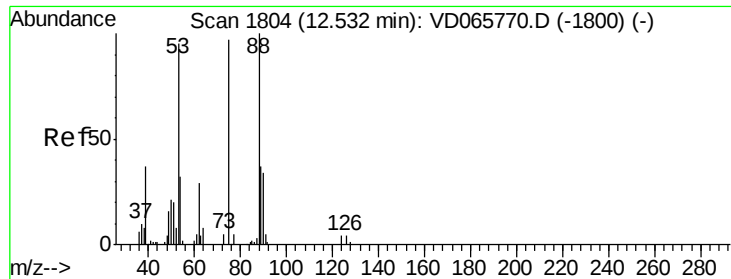
77 1.4 0.0 0.0#



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: 146.957 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

1-SP-3-5

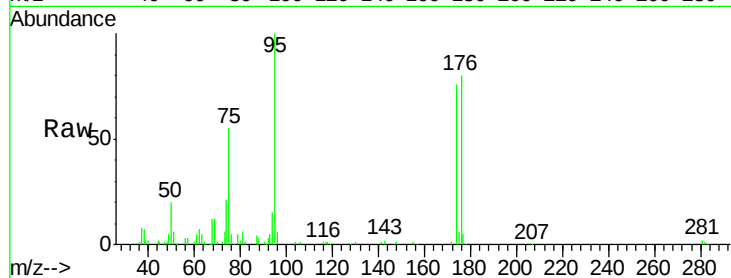
Tgt Ion: 75 Resp: 41395

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



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

