

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065803.D
 Acq On : 18 Jun 2020 12:58
 Operator : VA/SY
 Sample : L2813-07
 Misc : 6.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-061720

Quant Time: Jun 19 01:01:25 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	149941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	211732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81160	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	89361	60.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.62%	
35) Dibromofluoromethane	7.92	113	88549	54.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.64%	
50) Toluene-d8	10.34	98	291539	47.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.64	95	86082	41.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.52%	

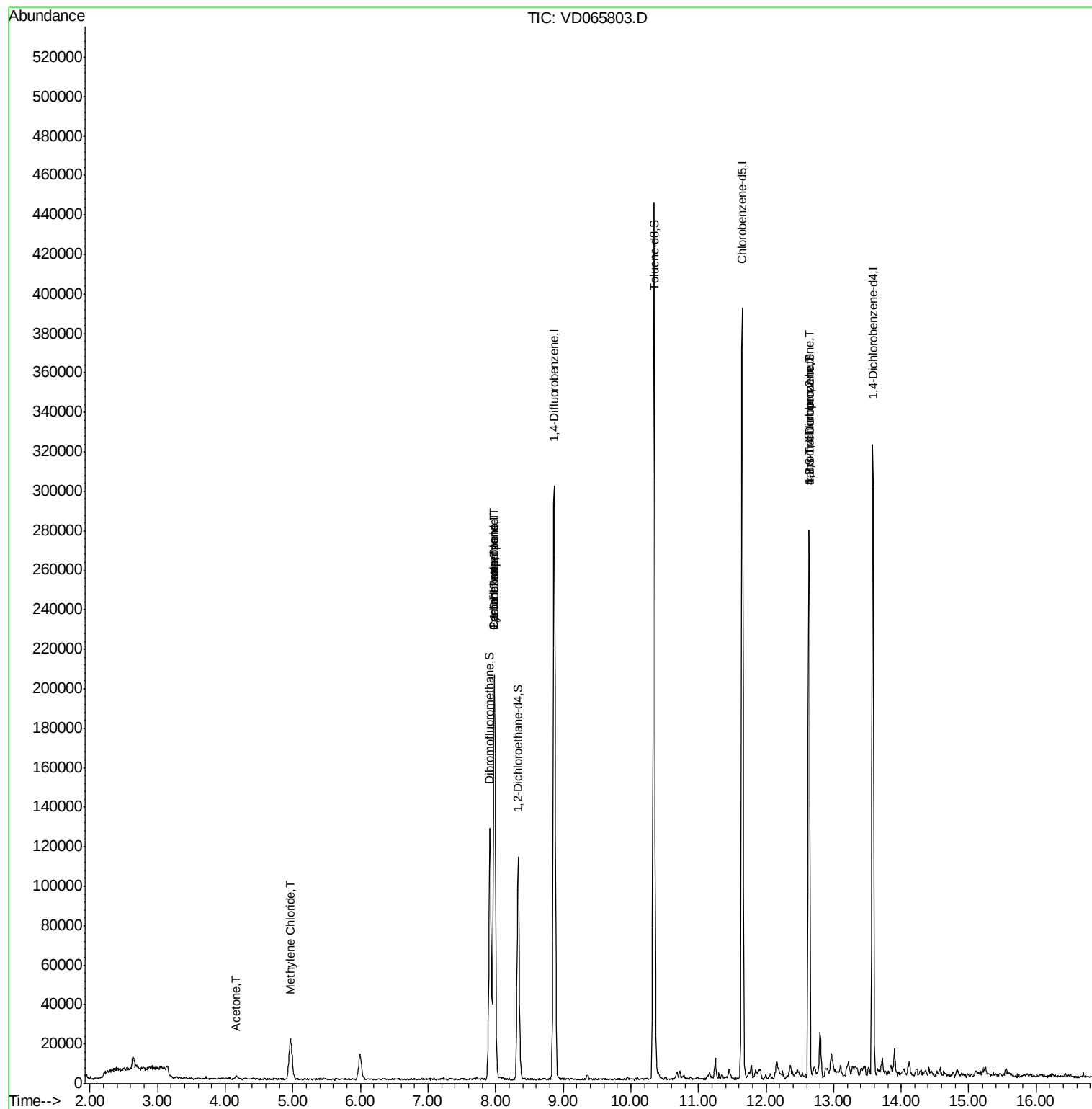
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	162	Below Cal	#	42
3) Chloromethane	2.21	50	432	Below Cal	#	43
16) Acetone	4.16	43	3281	11.740	ug/l #	79
18) Methyl Acetate	4.71	43	56	Below Cal	#	52
20) Methylene Chloride	4.97	84	15396	6.502	ug/l	98
31) Cyclohexane	7.98	56	4738	1.783	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	12112	4.900	ug/l #	49
38) Carbon Tetrachloride	7.98	117	15761	6.058	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	49062	77.729	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	49062	167.943	ug/l #	9

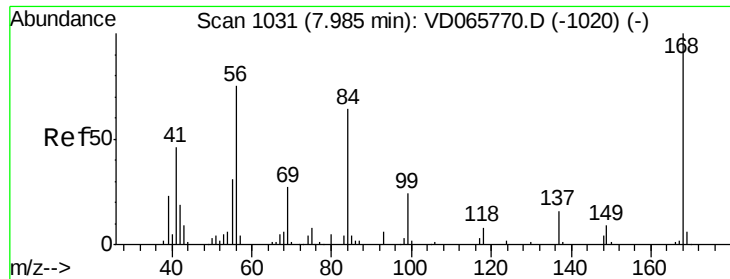
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
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Quant Time: Jun 19 01:01:25 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: VD065803.D

Acq: 18 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

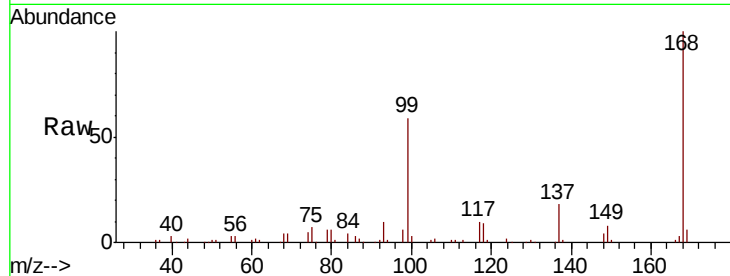
EO-01-061720

Tot Ion:168 Resp: 149941

Ion Ratio Lower Upper

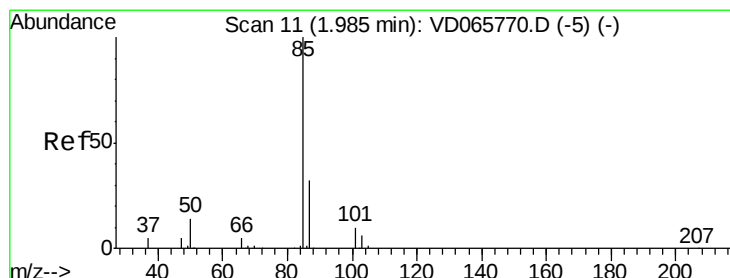
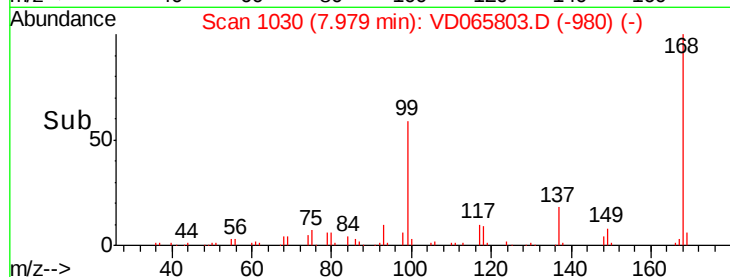
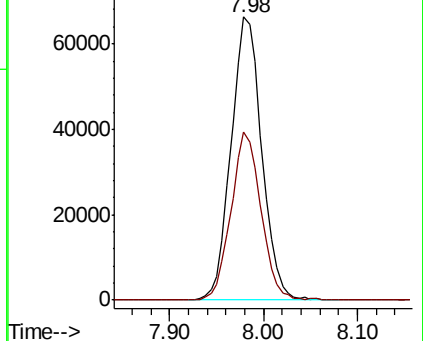
168 100

99 59.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065803.D

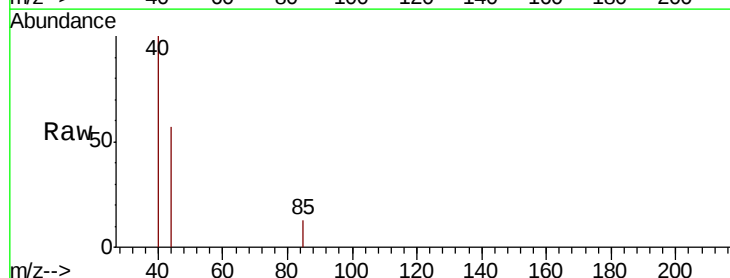
Acq: 18 Jun 2020 12:58

Tgt Ion: 85 Resp: 162

Ion Ratio Lower Upper

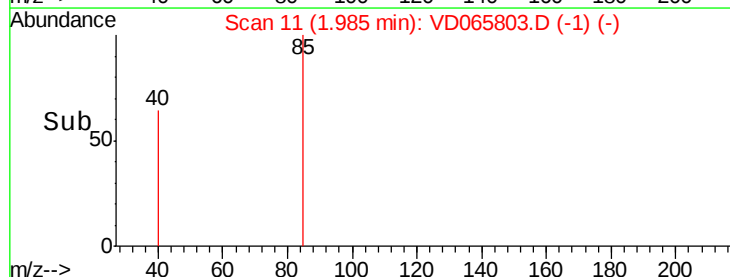
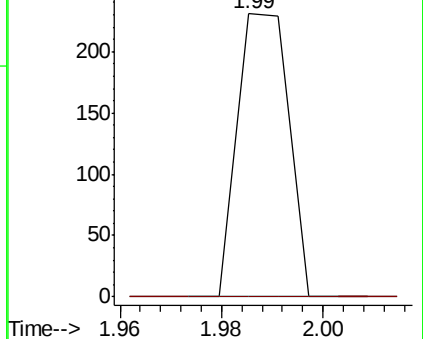
85 100

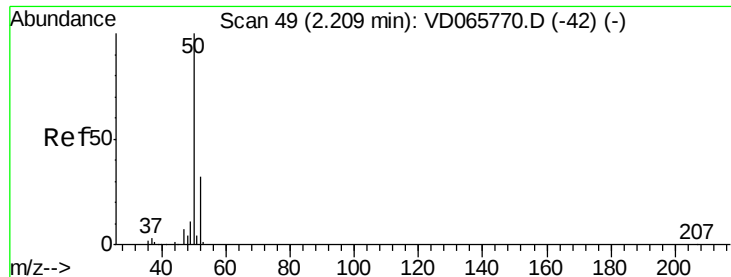
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD065803.D

Acq: 18 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

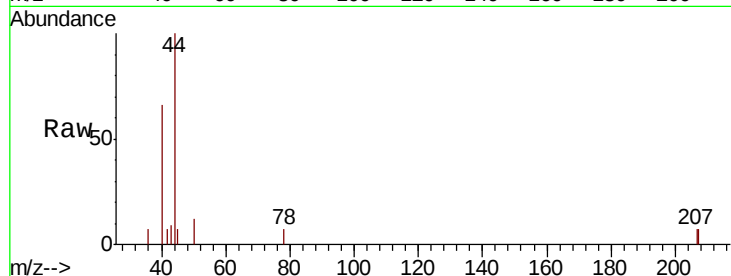
EO-01-061720

Tot Ion: 50 Resp: 432

Ion Ratio Lower Upper

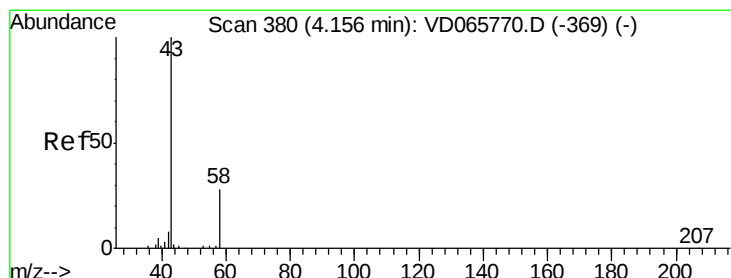
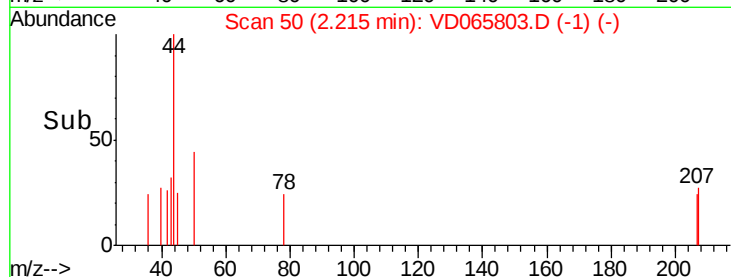
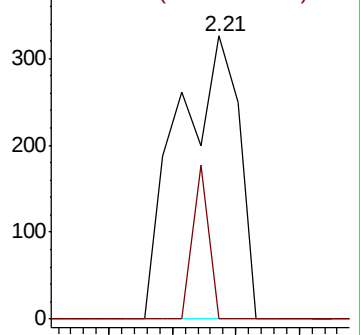
50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#16

Acetone

Concen: 11.740 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065803.D

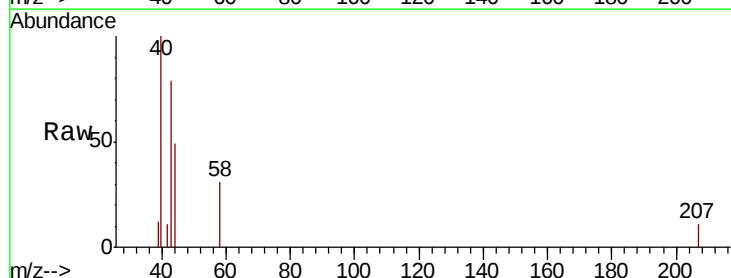
Acq: 18 Jun 2020 12:58

Tgt Ion: 43 Resp: 3281

Ion Ratio Lower Upper

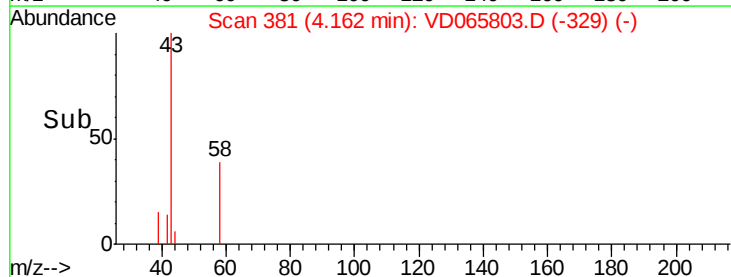
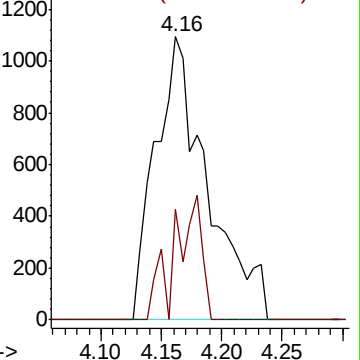
43 100

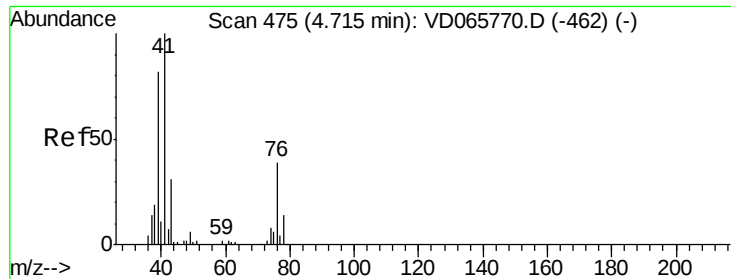
58 39.2 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

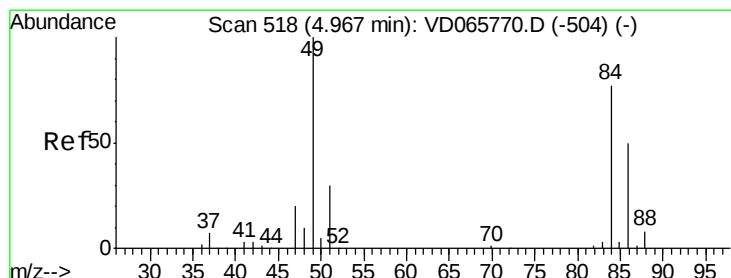
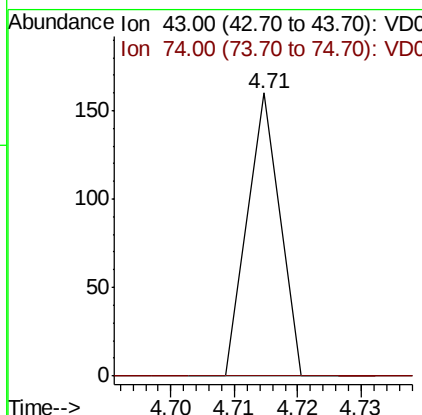
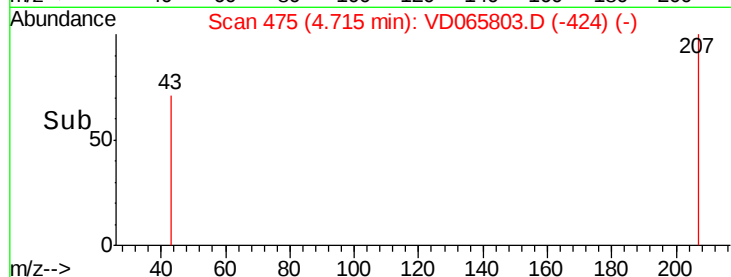
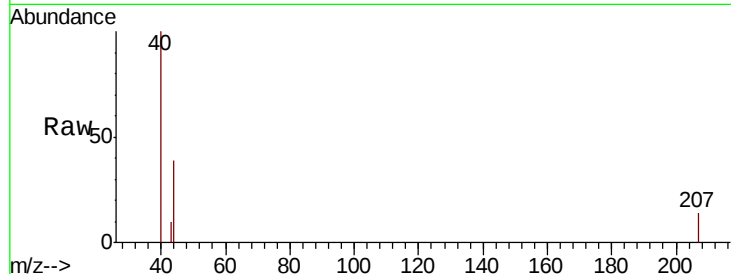




#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

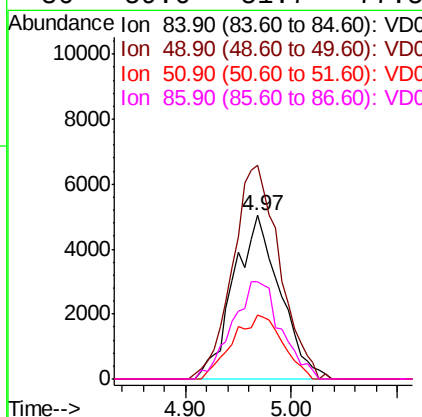
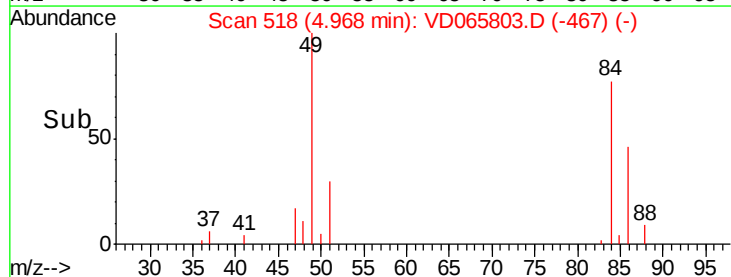
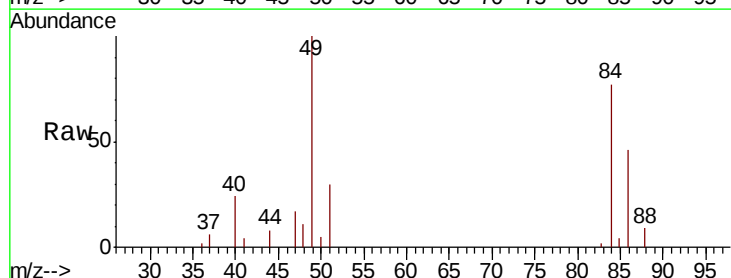
Instrument :
MSVOA_D
ClientSampleId :
EO-01-061720

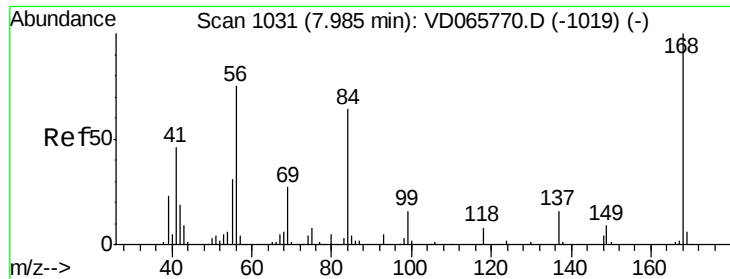
Tot Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 6.502 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

Tgt Ion: 84 Resp: 15396
Ion Ratio Lower Upper
84 100
49 130.5 103.4 155.0
51 39.2 31.4 47.2
86 59.6 51.7 77.5

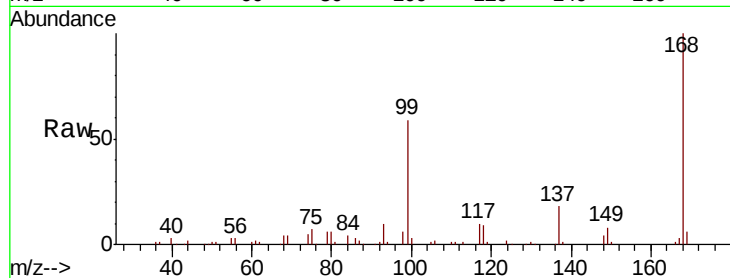




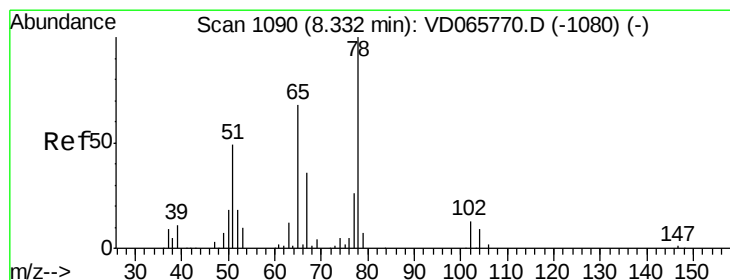
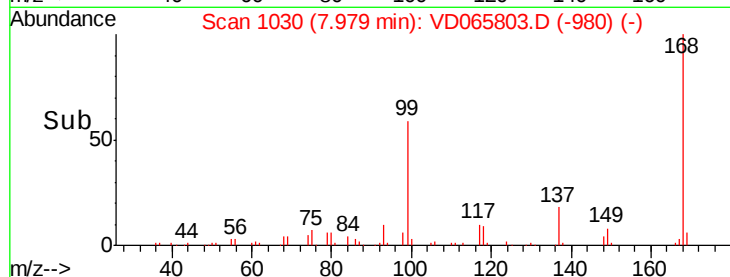
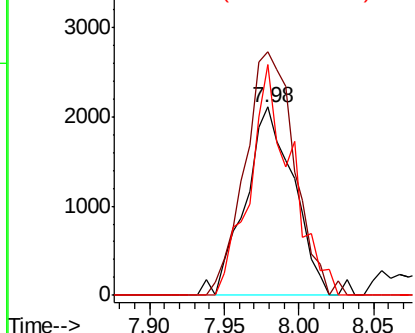
#31
Cyclohexane
Concen: 1.783 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
EO-01-061720

Tot Ion: 56 Resp: 4738
Ion Ratio Lower Upper
56 100
69 129.5 28.5 42.7#
84 122.7 68.4 102.6#

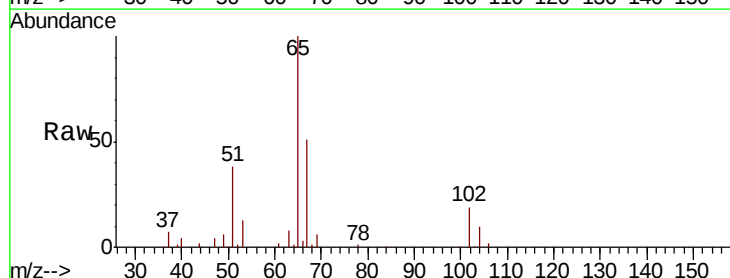


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

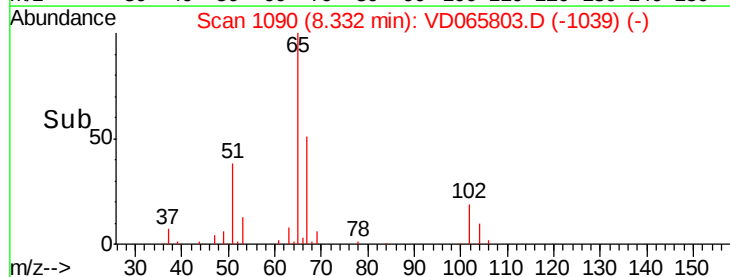
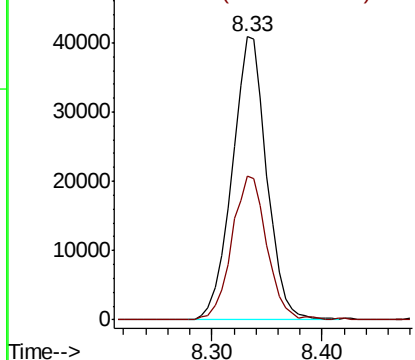


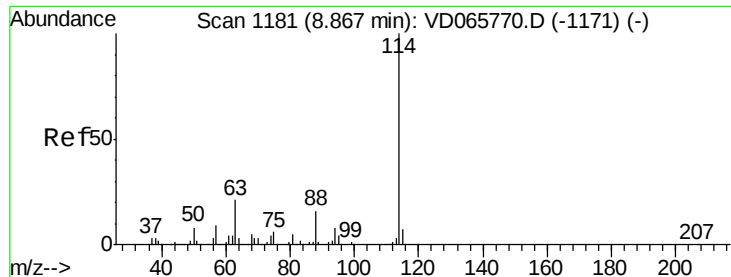
#33
1,2-Dichloroethane-d4
Concen: 60.313 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

Tgt Ion: 65 Resp: 89361
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.6



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

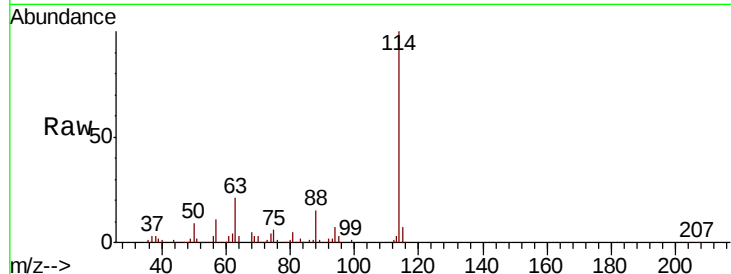




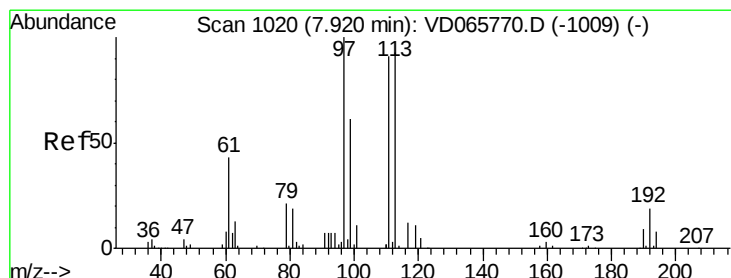
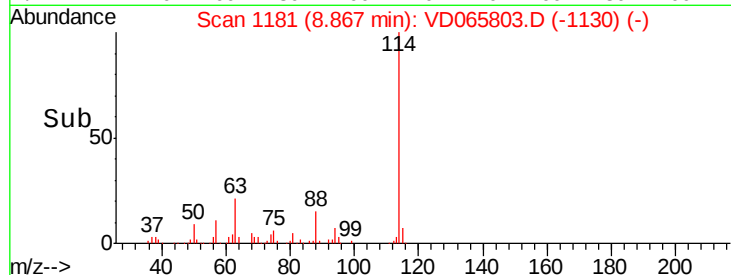
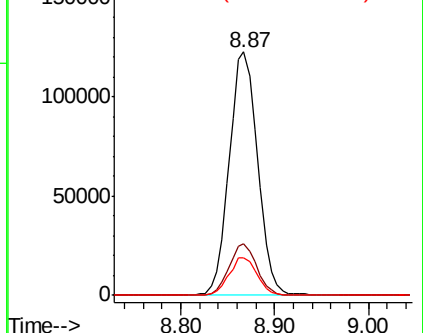
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065803.D
 Acq: 18 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-061720

Tot Ion:114 Resp: 258053
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.3 0.0 32.0

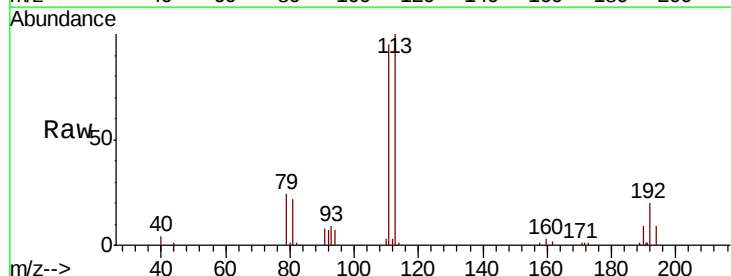


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

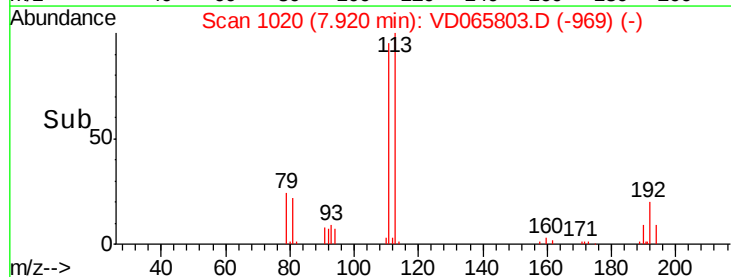
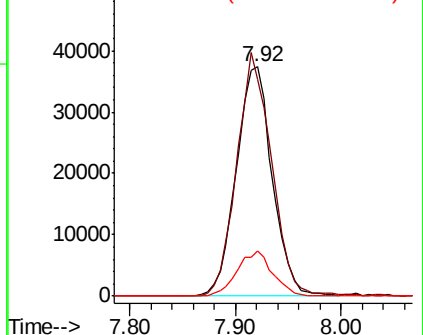


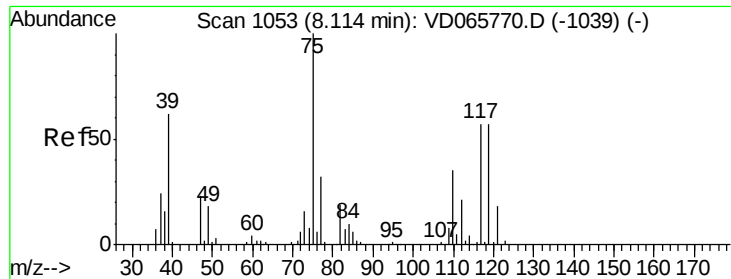
#35
 Dibromofluoromethane
 Concen: 54.324 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065803.D
 Acq: 18 Jun 2020 12:58

Tgt Ion:113 Resp: 88549
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 19.3 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

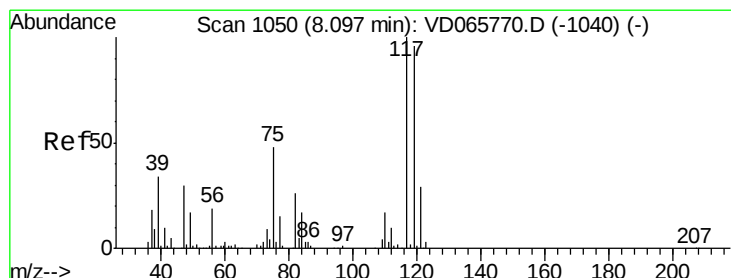
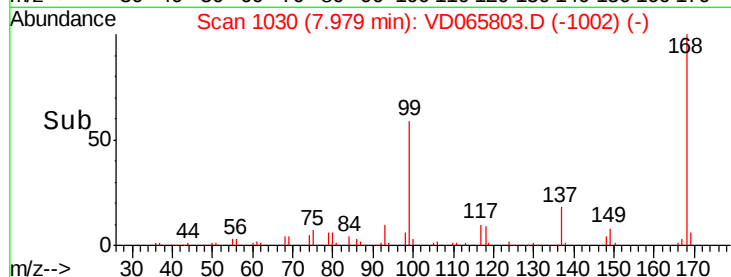
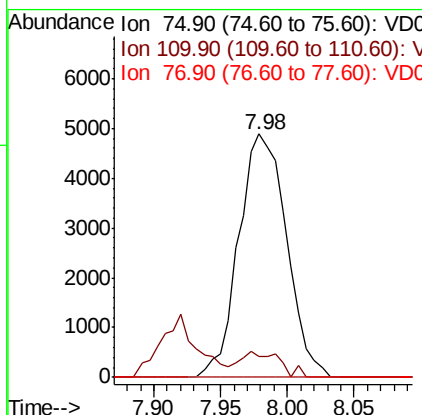
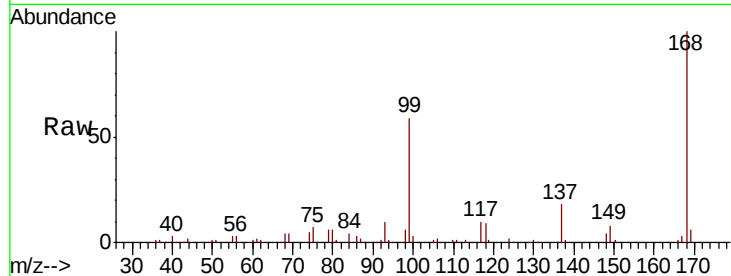




#36
 1,1-Dichloropropene
 Concen: 4.900 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065803.D
 Acq: 18 Jun 2020 12:58

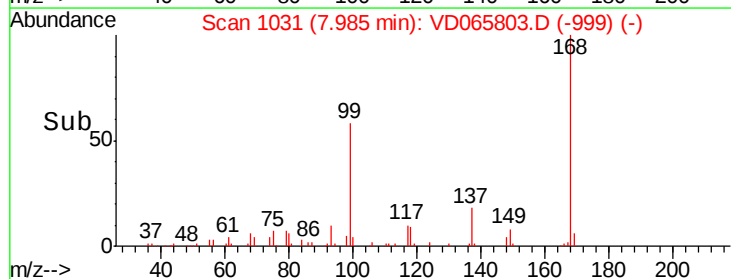
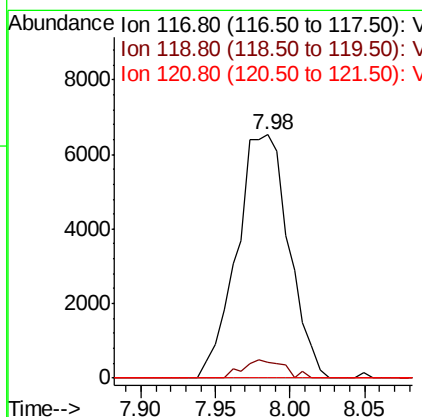
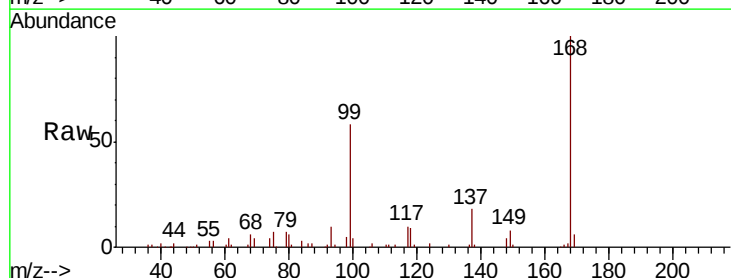
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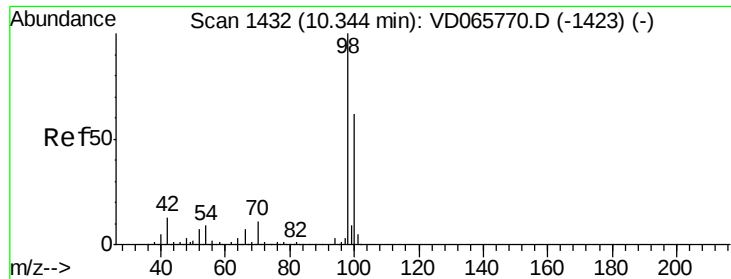
Tot Ion: 75 Resp: 12112
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.6 52.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.058 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065803.D
 Acq: 18 Jun 2020 12:58

Tgt Ion: 117 Resp: 15761
 Ion Ratio Lower Upper
 117 100
 119 6.5 76.8 115.2#
 121 0.0 23.4 35.2#





#50

Toluene-d8

Concen: 47.965 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065803.D

Acq: 18 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

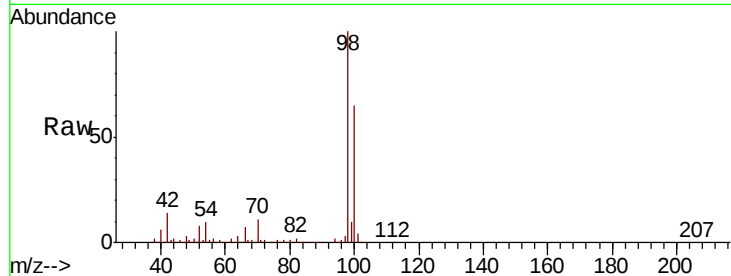
EO-01-061720

Tot Ion: 98 Resp: 291539

Ion Ratio Lower Upper

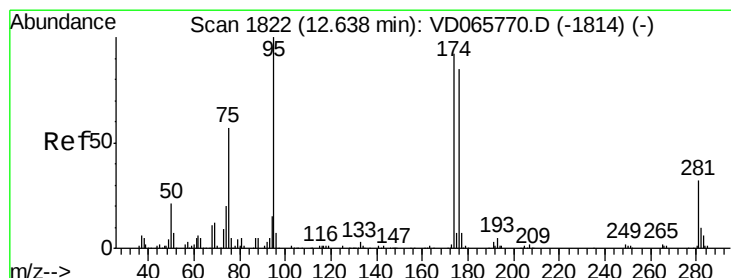
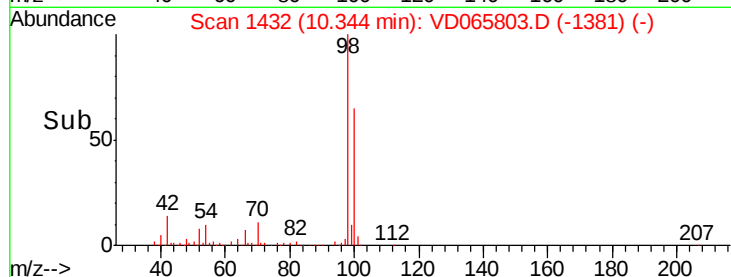
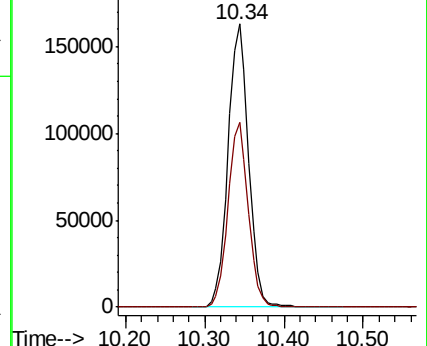
98 100

100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 41.761 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065803.D

Acq: 18 Jun 2020 12:58

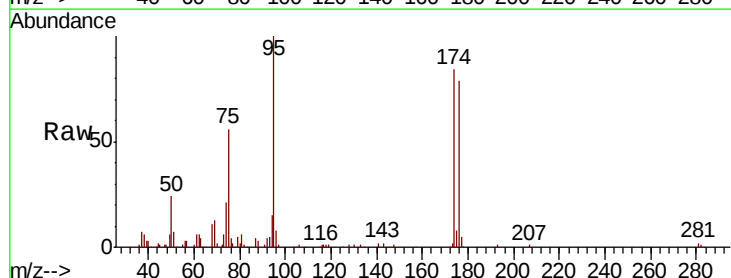
Tgt Ion: 95 Resp: 86082

Ion Ratio Lower Upper

95 100

174 80.7 0.0 175.2

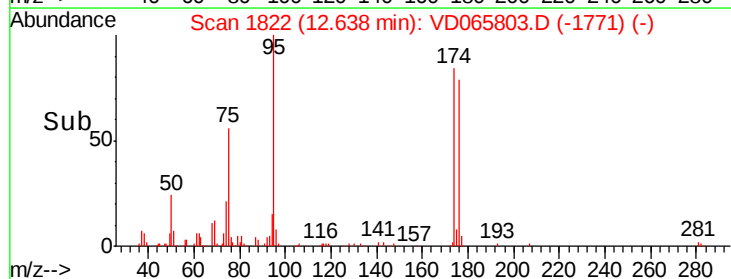
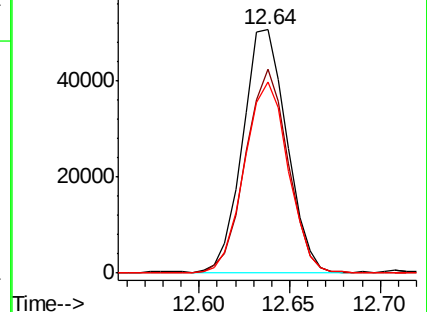
176 78.1 0.0 163.0

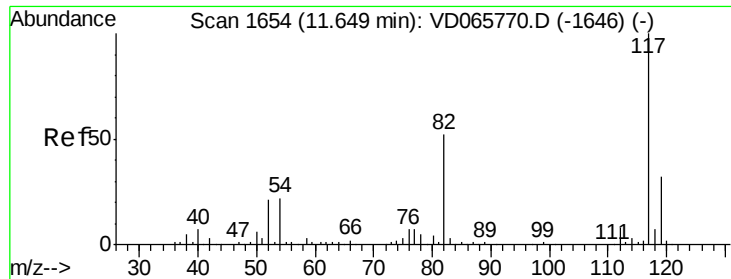


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

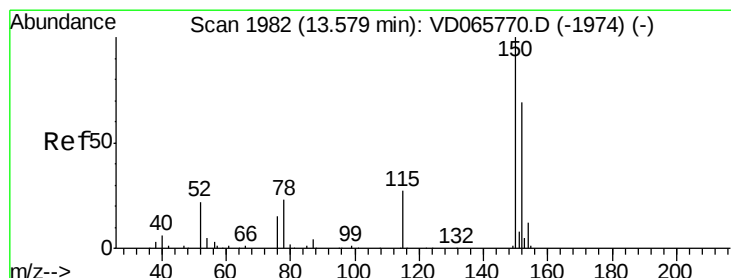
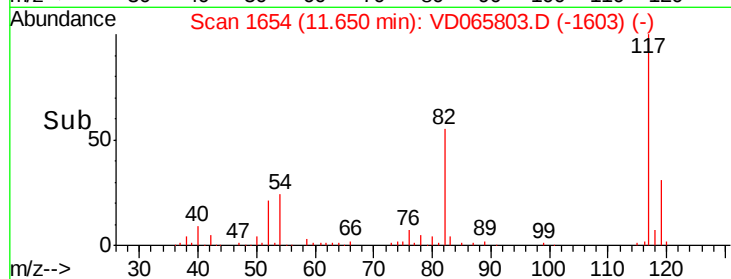
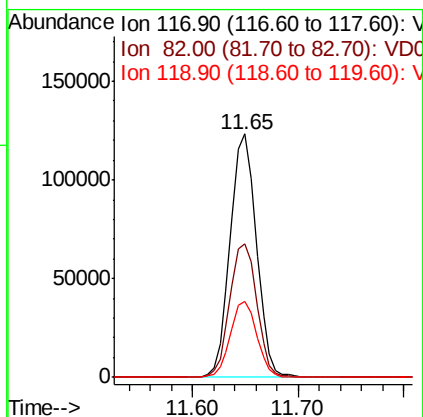
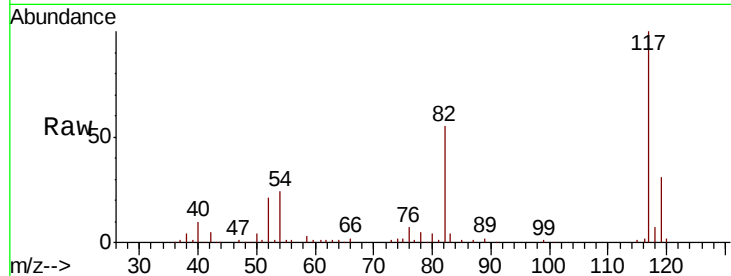




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

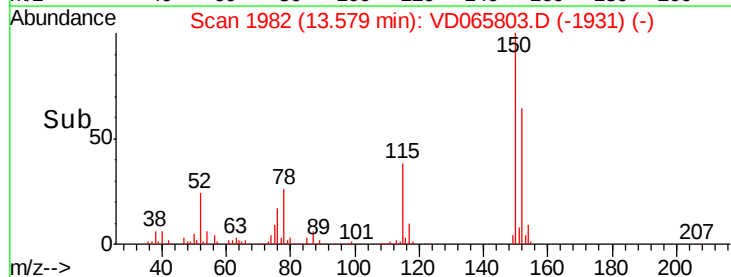
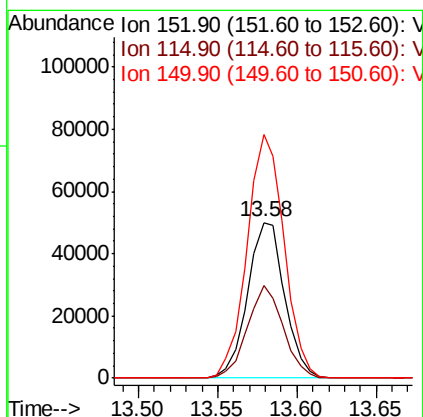
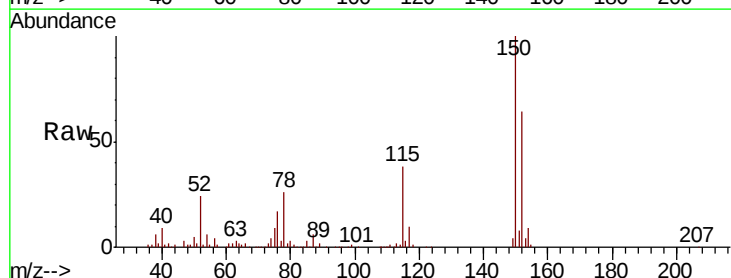
Instrument :
MSVOA_D
ClientSampleId :
EO-01-061720

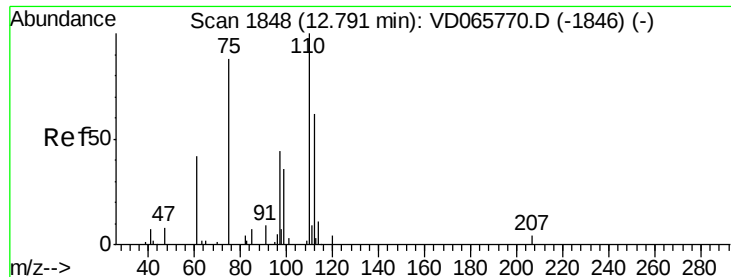
Tot Ion:117 Resp: 211732
Ion Ratio Lower Upper
117 100
82 55.0 41.9 62.9
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065803.D
Acq: 18 Jun 2020 12:58

Tgt Ion:152 Resp: 81160
Ion Ratio Lower Upper
152 100
115 57.4 28.7 86.1
150 156.4 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 77.729 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD065803.D

Acq: 18 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

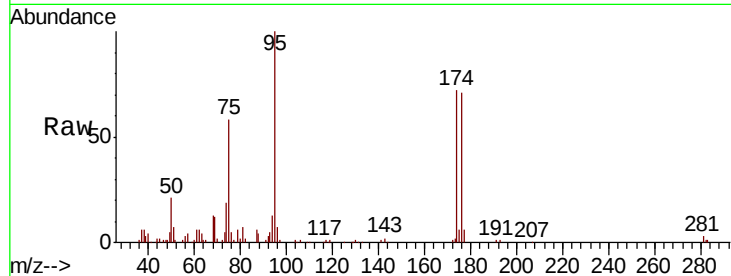
EO-01-061720

Tot Ion: 75 Resp: 49062

Ion Ratio Lower Upper

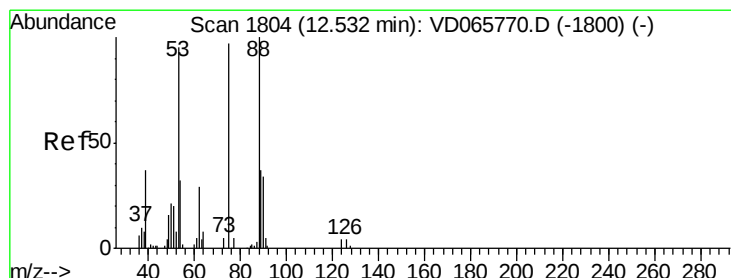
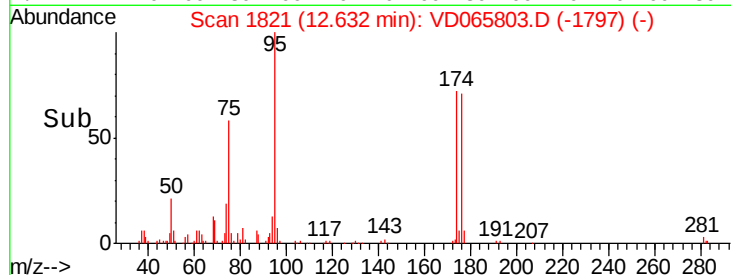
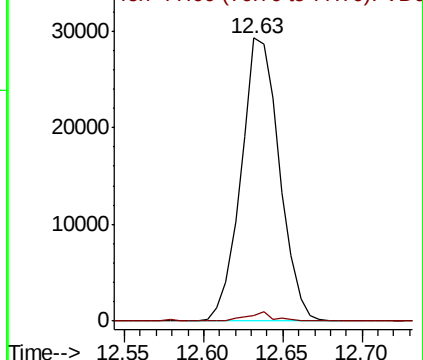
75 100

77 2.1 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: 167.943 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065803.D

Acq: 18 Jun 2020 12:58

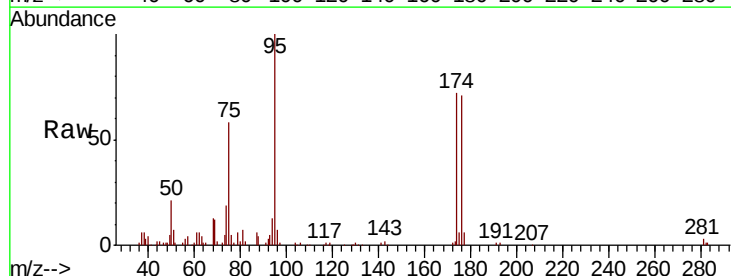
Tgt Ion: 75 Resp: 49062

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.1 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

