

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065958.D
 Acq On : 16 Jul 2020 15:45
 Operator : VA/SY
 Sample : L3315-02
 Misc : 8.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16-S2

Quant Time: Jul 17 03:38:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	621441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323069	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	158664	45.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.62%	
35) Dibromofluoromethane	7.92	113	183890	47.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.94%	
50) Toluene-d8	10.34	98	734194	52.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.63	95	284049	59.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.28%	

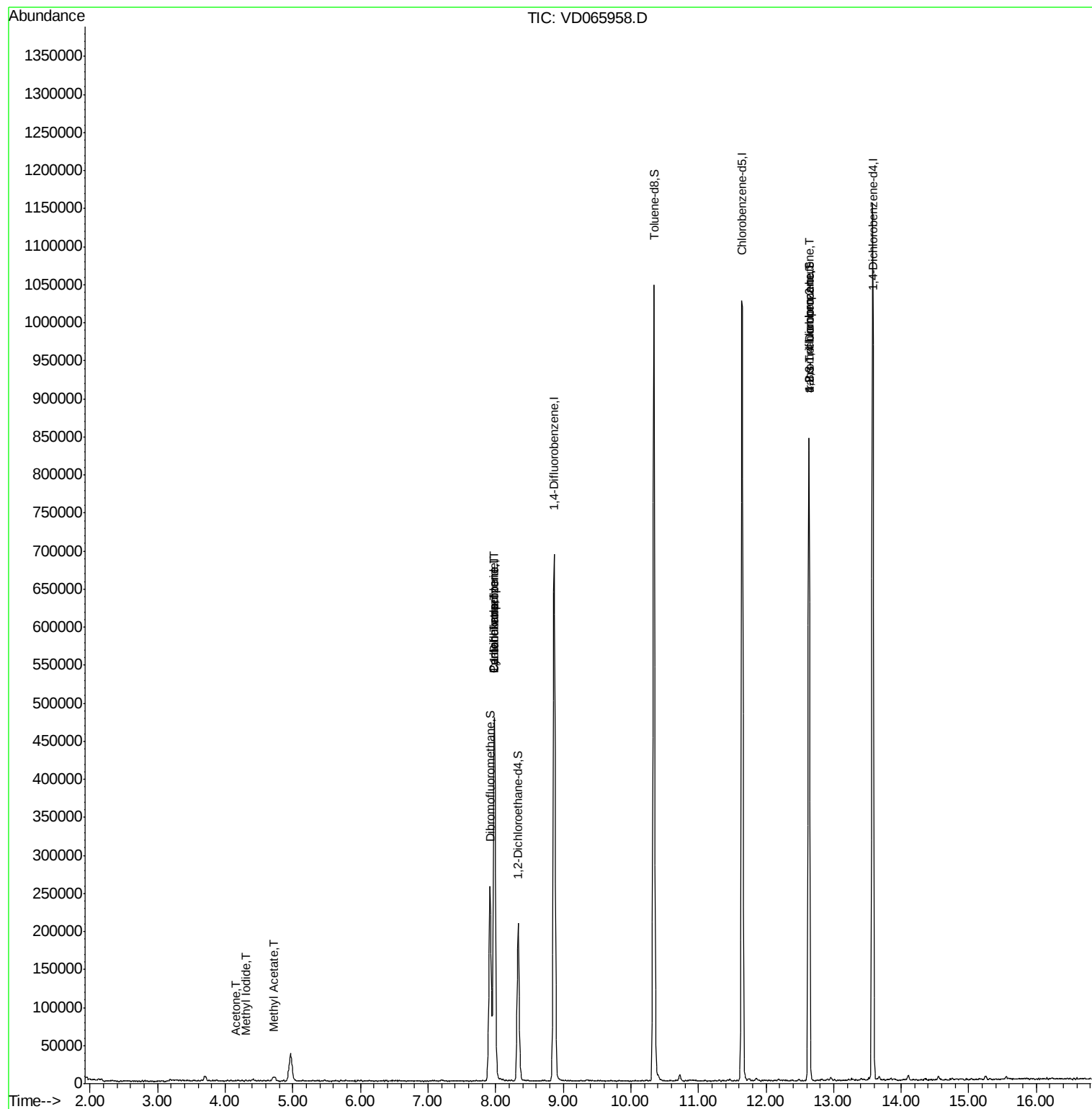
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	333	2.587	ug/l #	60
11) Tert butyl alcohol	5.20	59	62	Below Cal	#	71
16) Acetone	4.16	43	1129	1.391	ug/l #	46
18) Methyl Acetate	4.71	43	11538	6.064	ug/l #	83
20) Methylene Chloride	4.97	84	27933	Below Cal		86
31) Cyclohexane	7.98	56	7927	1.120	ug/l #	11
36) 1,1-Dichloropropene	7.98	75	26284	4.282	ug/l #	49
38) Carbon Tetrachloride	7.98	117	34166	5.194	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	137323	50.671	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	137323	108.876	ug/l #	11

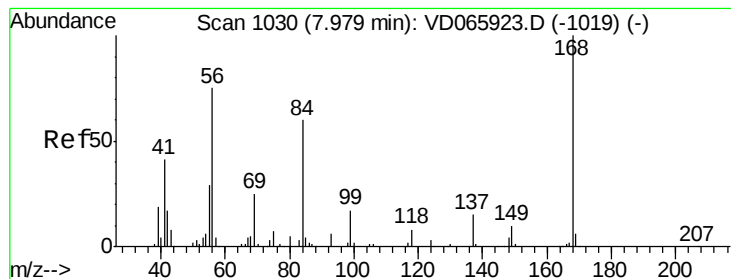
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071620\
Data File : VD065958.D
Acq On : 16 Jul 2020 15:45
Operator : VA/SY
Sample : L3315-02
Misc : 8.73G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

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TP-16-S2

Quant Time: Jul 17 03:38:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

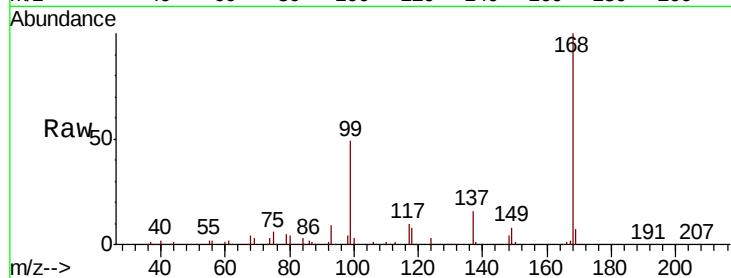
TP-16-S2

Tot Ion:168 Resp: 390807

Ion Ratio Lower Upper

168 100

99 49.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

200000

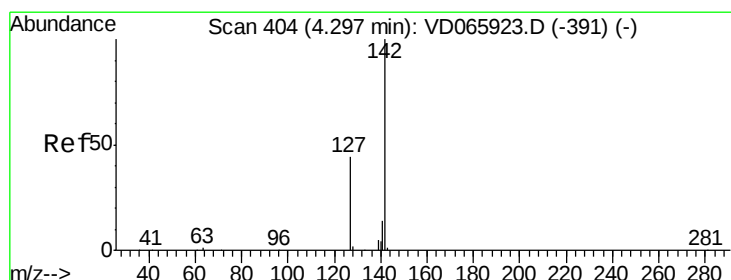
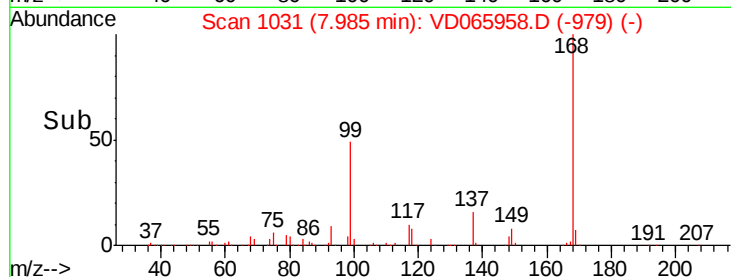
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 2.587 ug/l

RT: 4.31 min Scan# 407

Delta R.T. 0.02 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

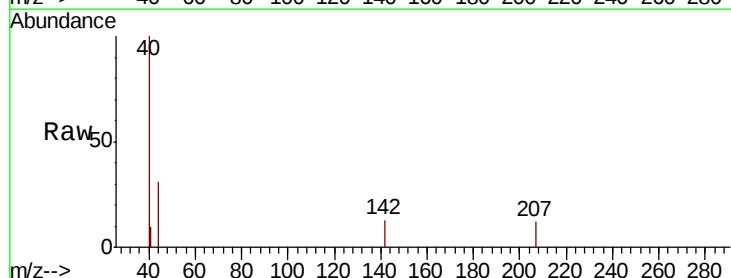
Tgt Ion:142 Resp: 333

Ion Ratio Lower Upper

142 100

127 16.5 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

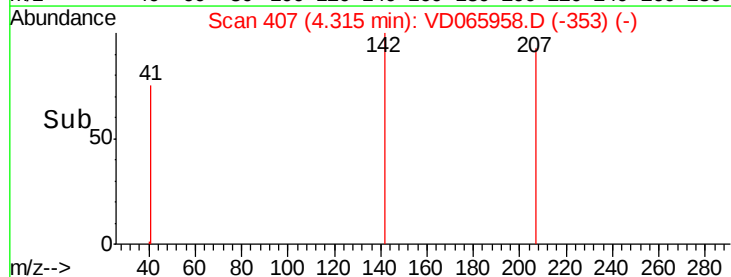
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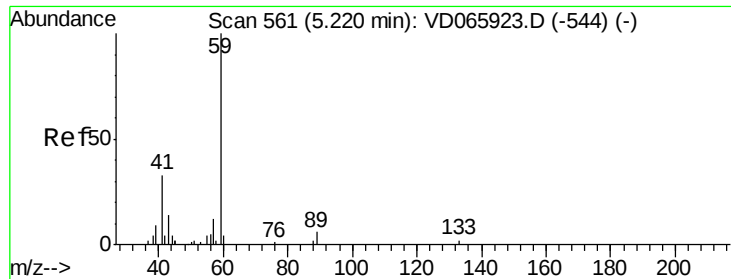
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100

0

Time-->



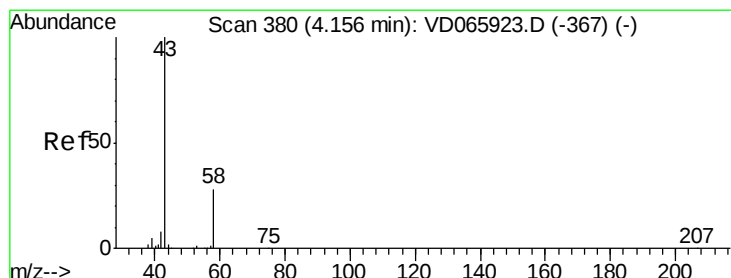
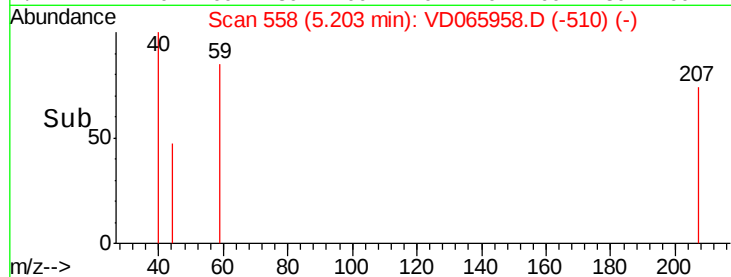
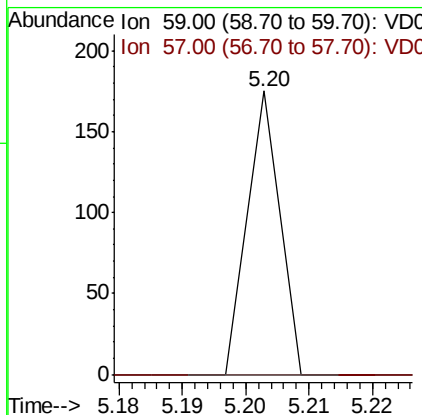
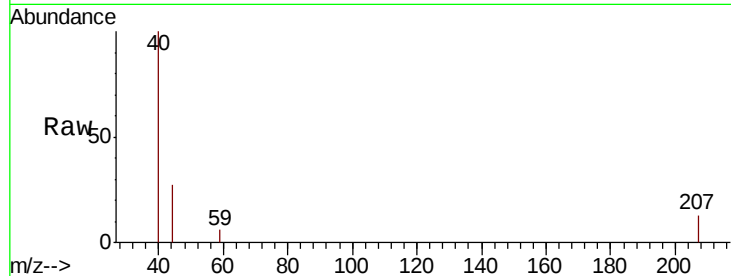


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16-S2

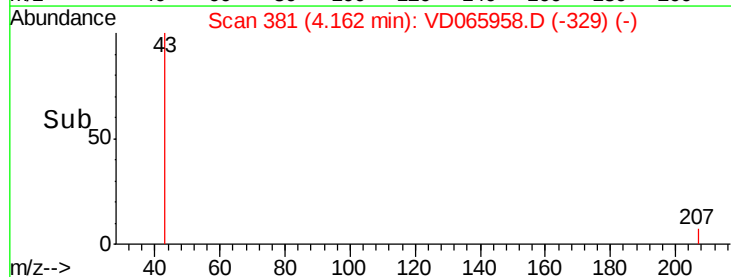
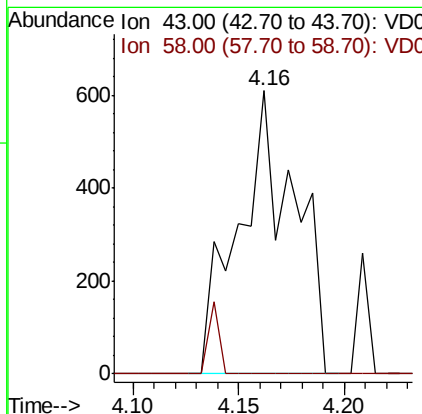
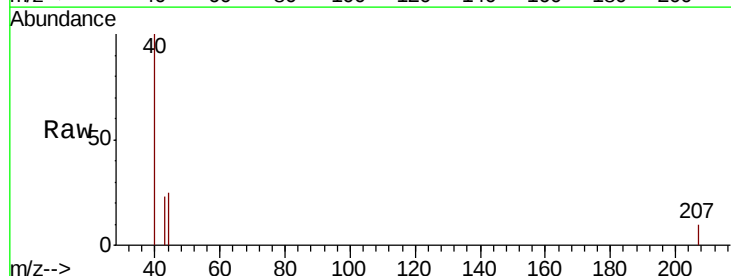
Tot Ion: 59 Resp: 62
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

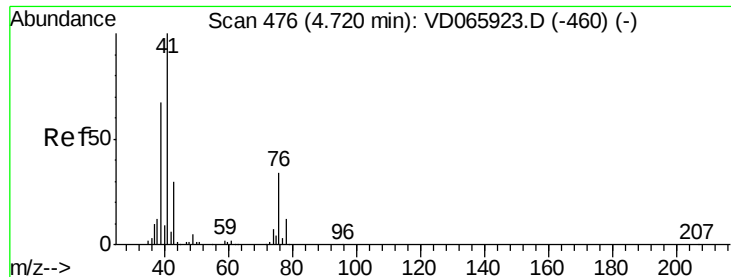


#16

Acetone
 Concen: 1.391 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

Tgt Ion: 43 Resp: 1129
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.7 34.1#

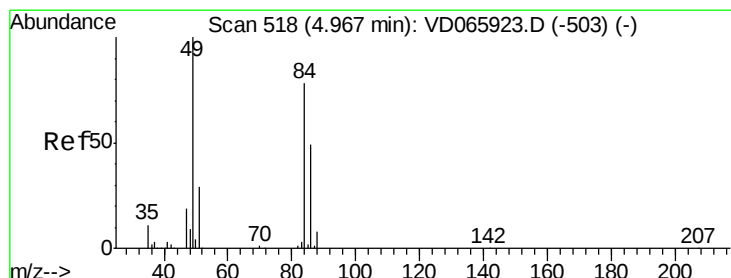
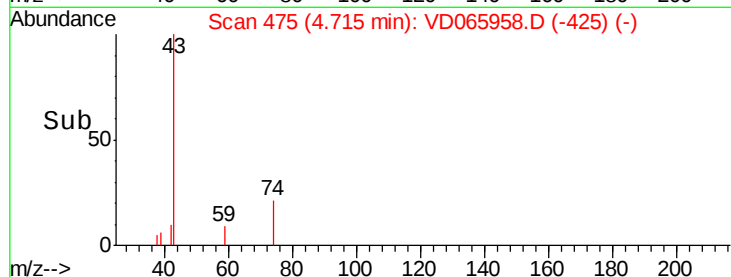
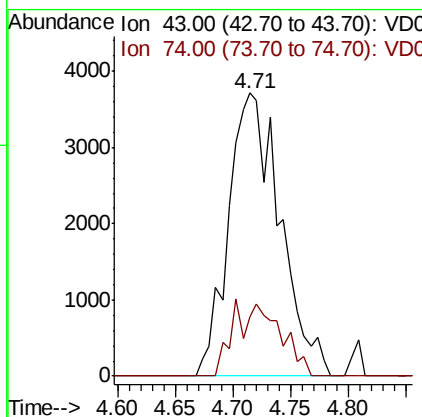
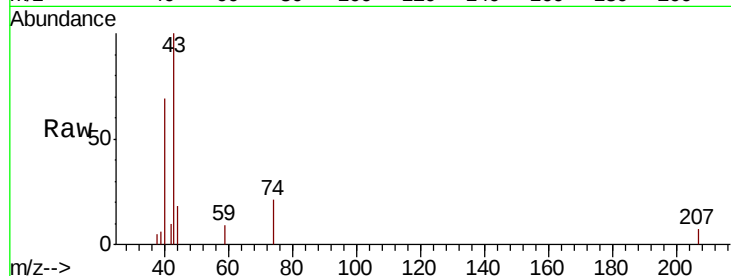




#18
Methyl Acetate
Concen: 6.064 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

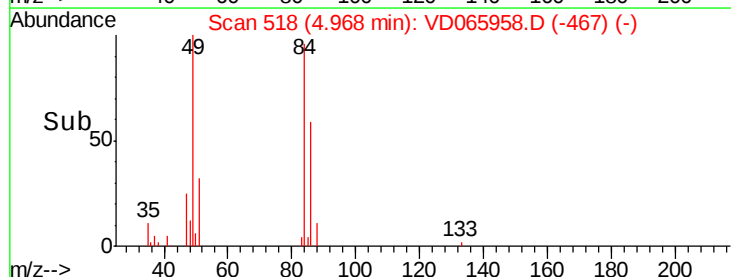
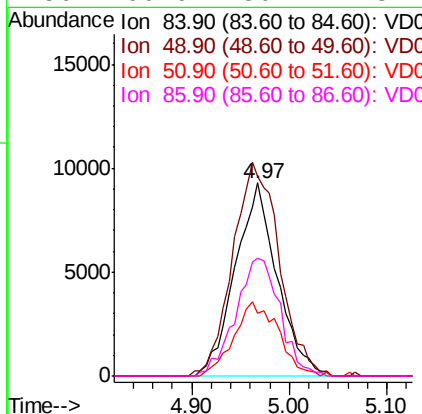
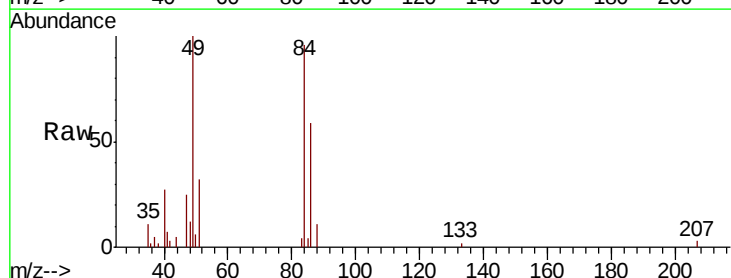
Instrument :
MSVOA_D
ClientSampleId :
TP-16-S2

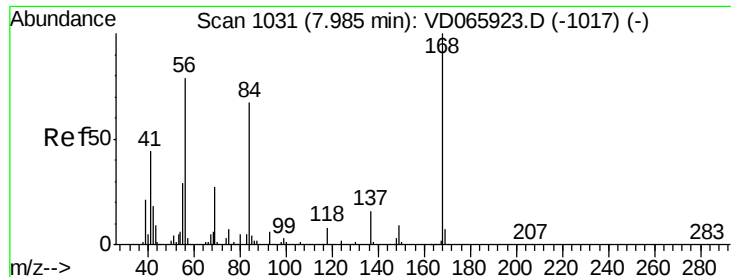
Tot Ion: 43 Resp: 11538
Ion Ratio Lower Upper
43 100
74 14.1 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

Tgt Ion: 84 Resp: 27933
Ion Ratio Lower Upper
84 100
49 103.8 102.2 153.2
51 32.8 29.8 44.6
86 60.9 50.2 75.2

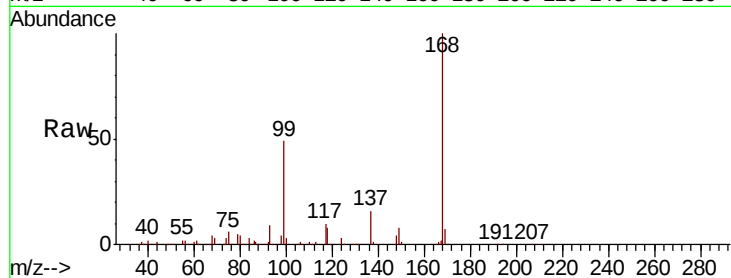




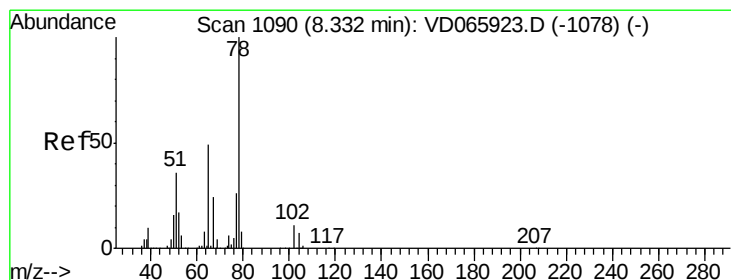
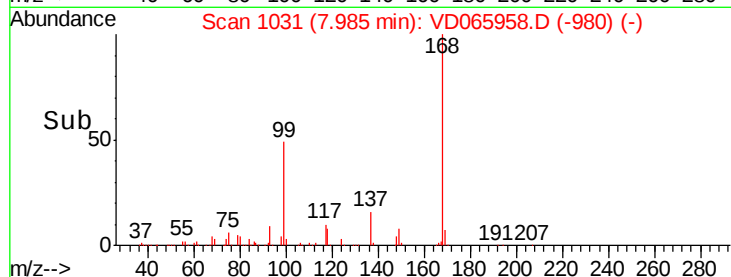
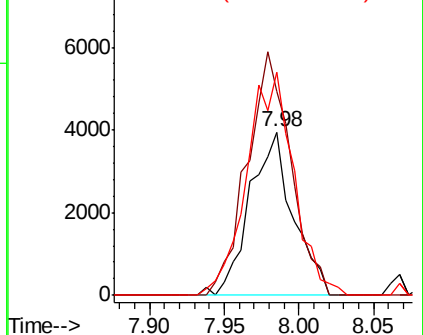
#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

Instrument :
MSVOA_D
ClientSampled :
TP-16-S2

Tot Ion: 56 Resp: 7927
Ion Ratio Lower Upper
56 100
69 125.1 27.4 41.0#
84 141.7 68.6 102.8#

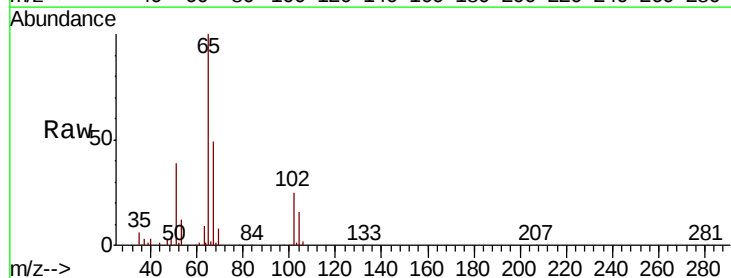


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

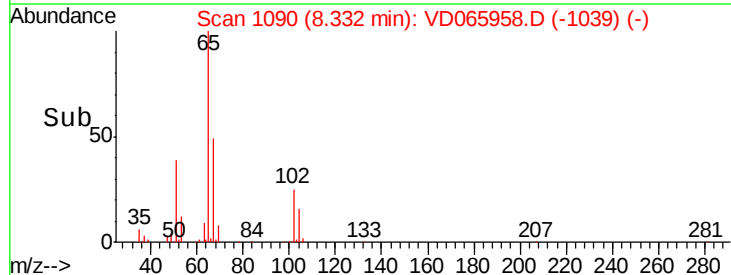
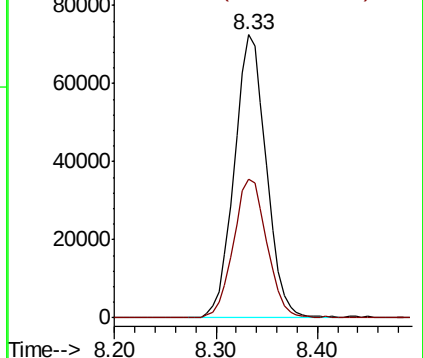


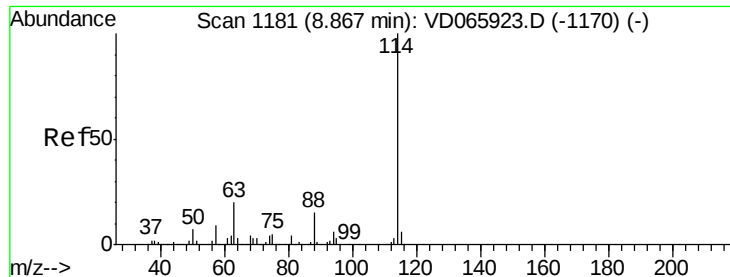
#33
1,2-Dichloroethane-d4
Concen: 45.811 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

Tgt Ion: 65 Resp: 158664
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6



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

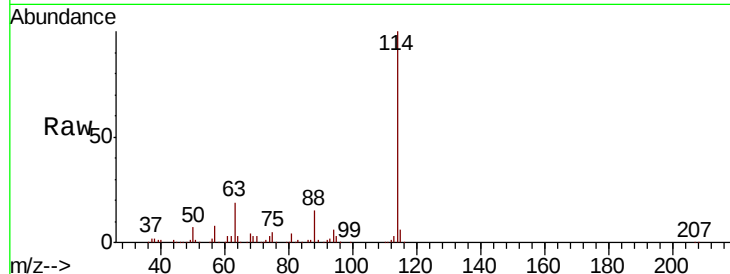




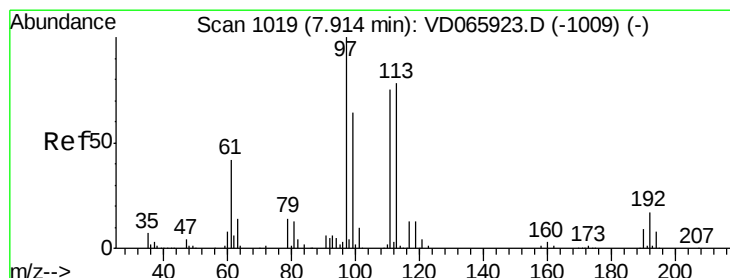
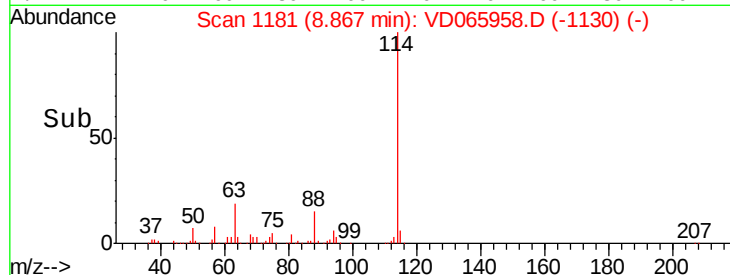
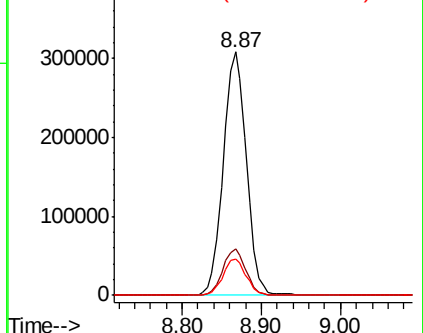
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-16-S2

Tot Ion:114 Resp: 621441
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 14.7 0.0 30.0

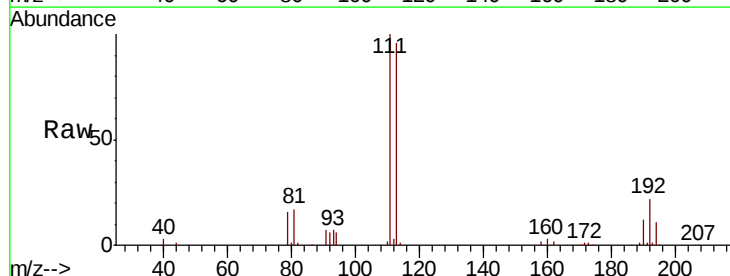


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

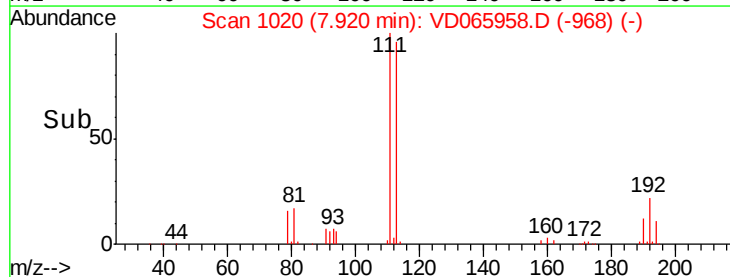
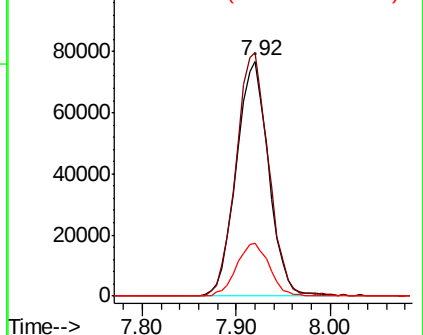


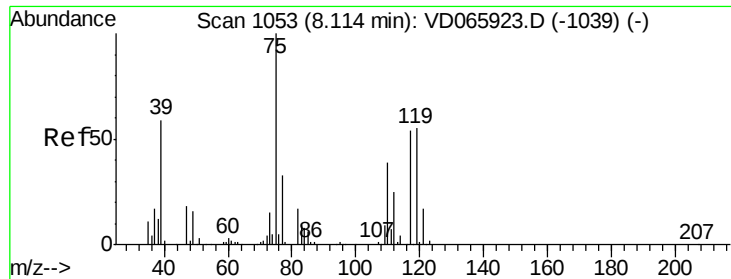
#35
 Dibromofluoromethane
 Concen: 47.968 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

Tgt Ion:113 Resp: 183890
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.9 121.3
 192 22.8 17.1 25.7



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

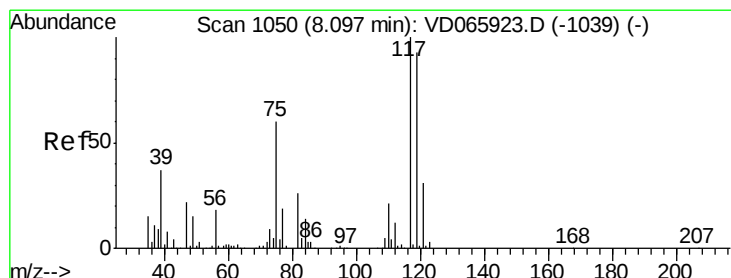
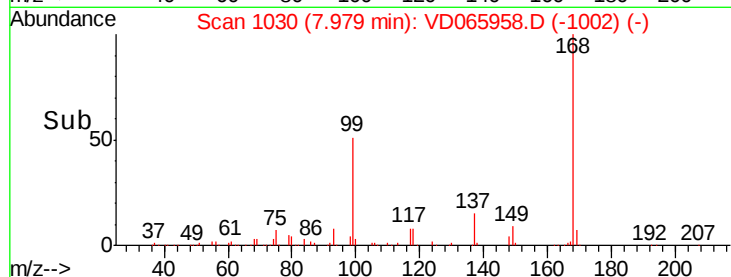
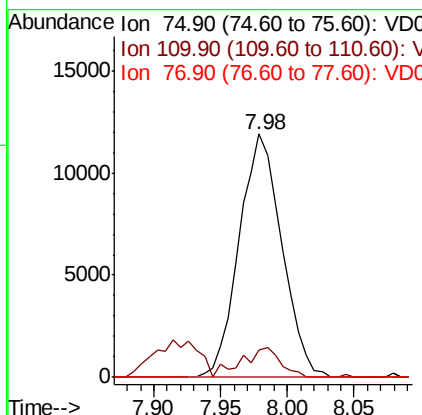
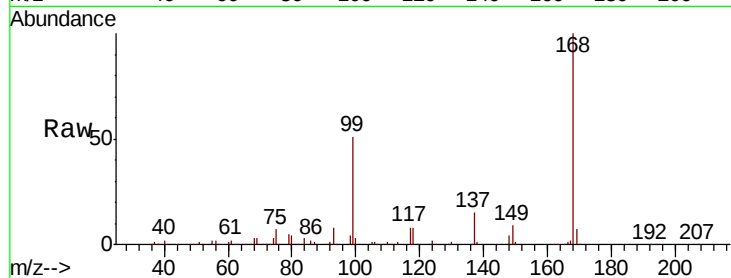




#36
 1,1-Dichloropropene
 Concen: 4.282 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

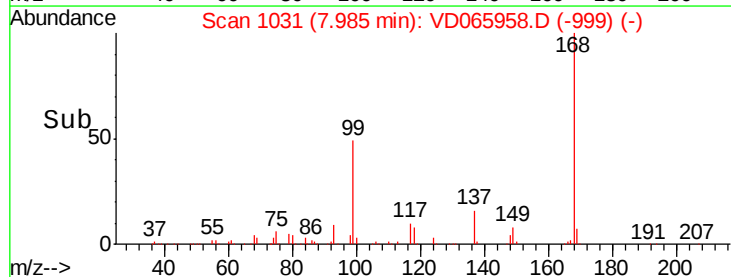
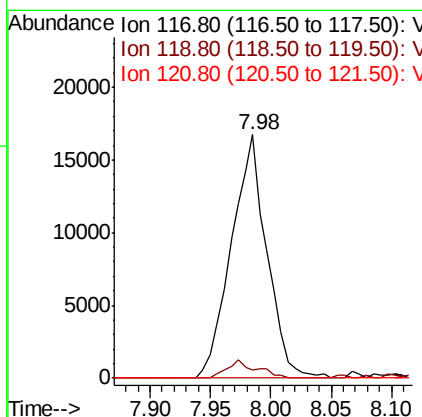
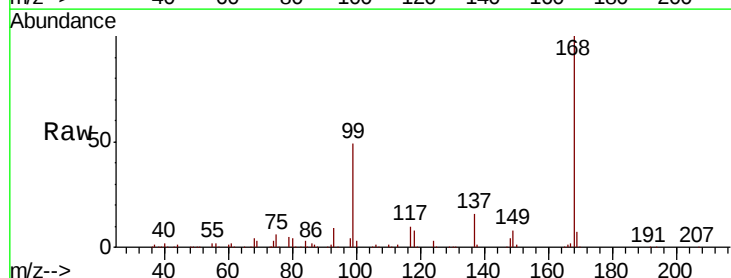
Instrument :
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 ClientSampleId :
 TP-16-S2

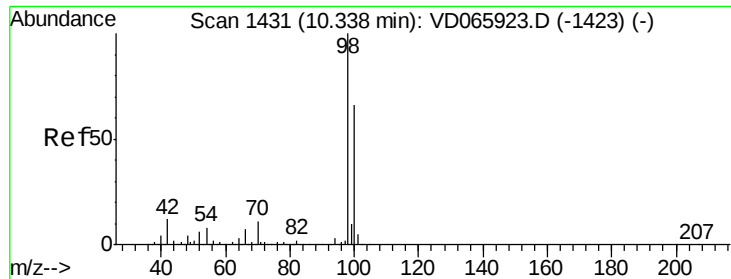
Tot Ion: 75 Resp: 26284
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.194 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065958.D
 Acq: 16 Jul 2020 15:45

Tgt Ion: 117 Resp: 34166
 Ion Ratio Lower Upper
 117 100
 119 3.4 74.7 112.1#
 121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 52.490 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

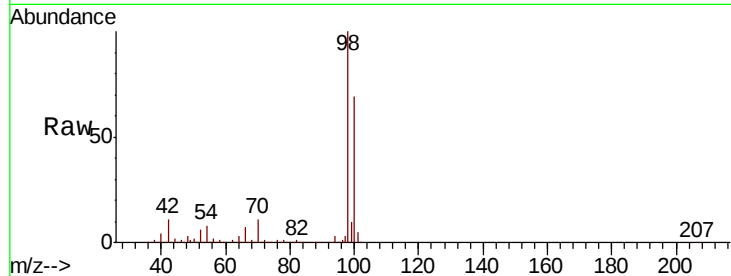
TP-16-S2

Tot Ion: 98 Resp: 734194

Ion Ratio Lower Upper

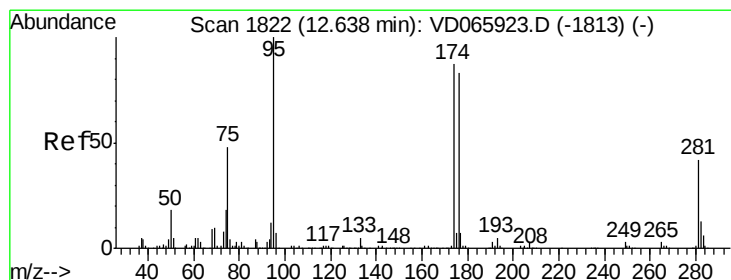
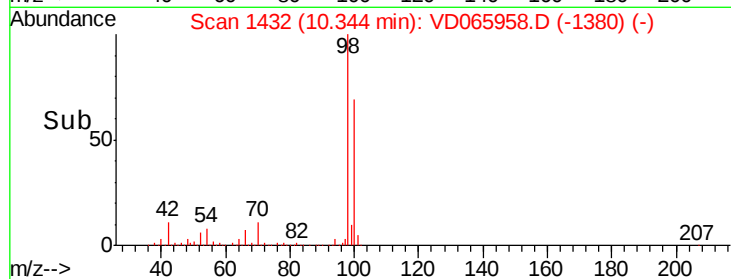
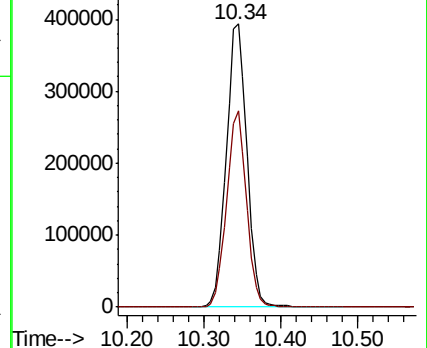
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.136 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

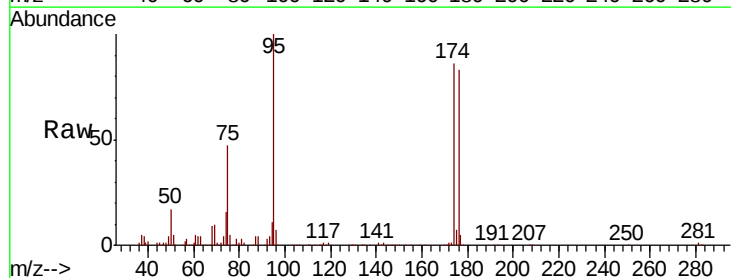
Tgt Ion: 95 Resp: 284049

Ion Ratio Lower Upper

95 100

174 88.5 0.0 169.4

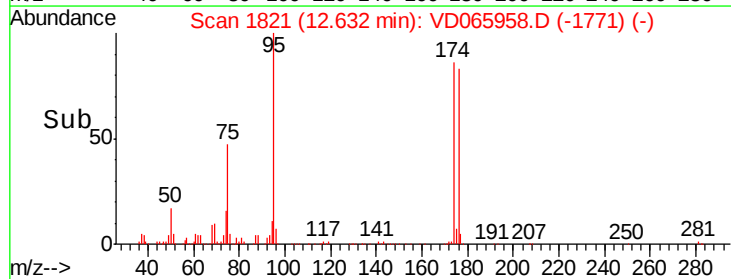
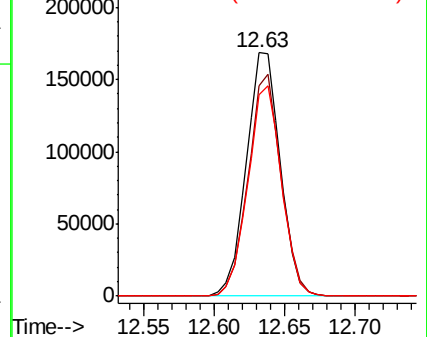
176 85.5 0.0 164.0

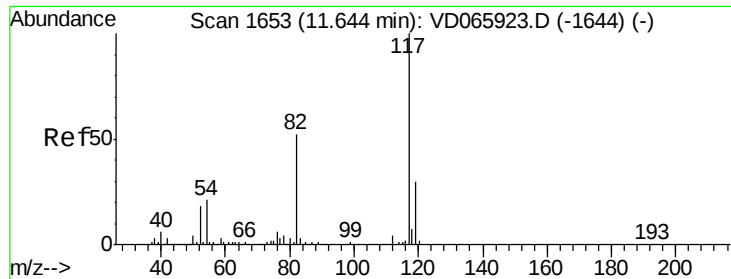


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

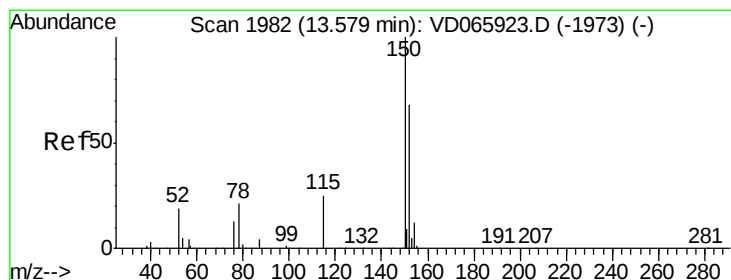
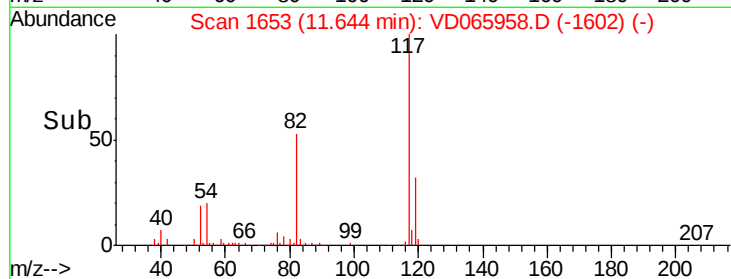
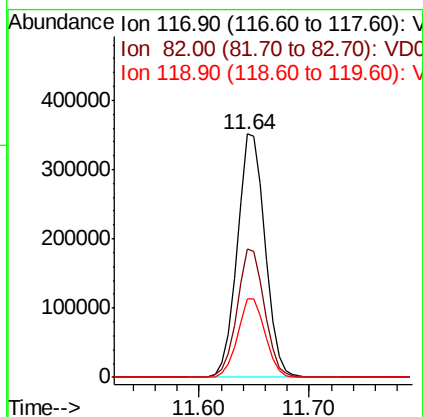
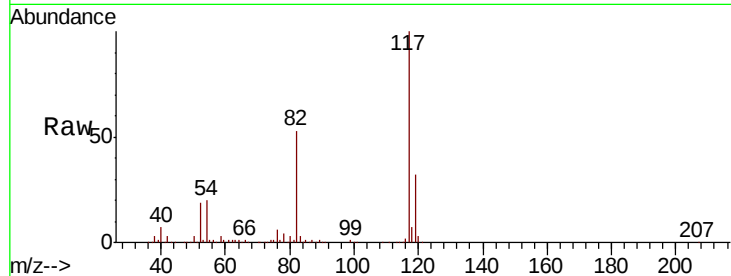




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

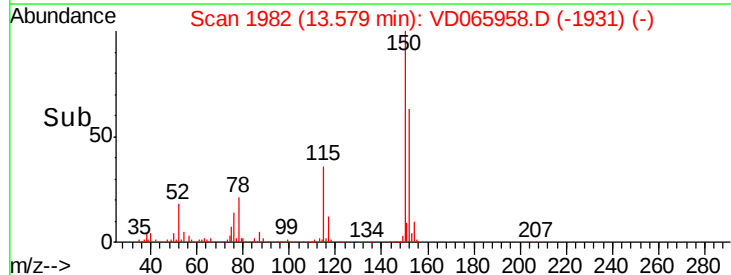
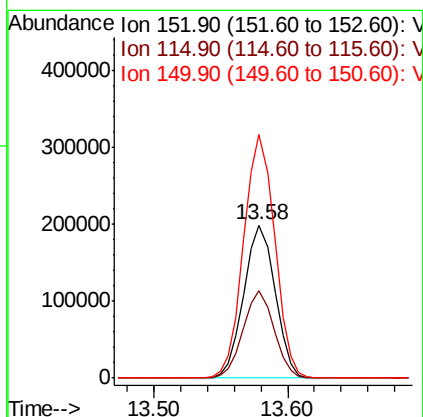
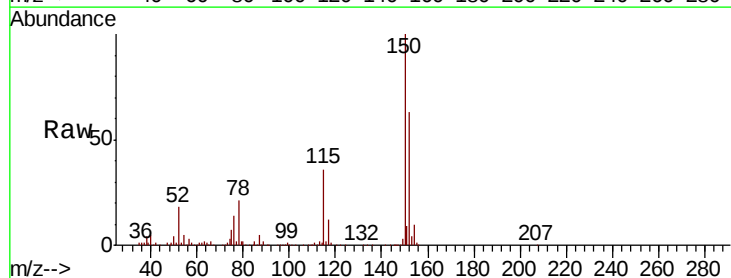
Instrument :
MSVOA_D
ClientSampleId :
TP-16-S2

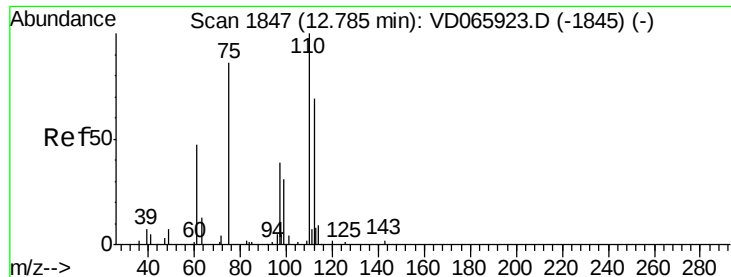
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	32.3	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065958.D
Acq: 16 Jul 2020 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.3
150	157.3	0.0	347.2





#76

1,2,3-Trichloropropane

Concen: 50.671 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

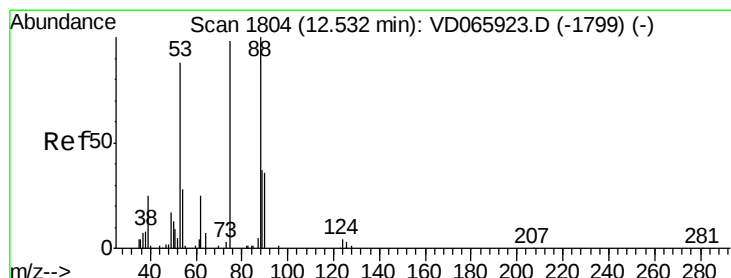
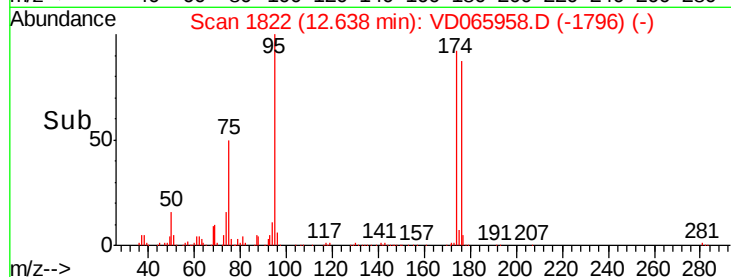
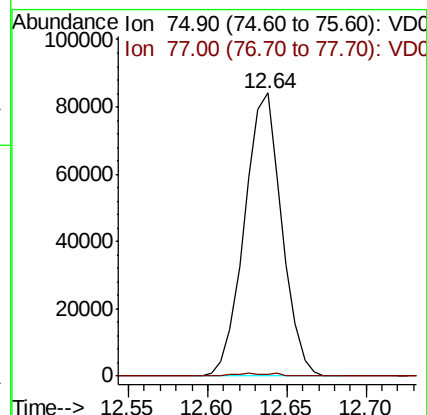
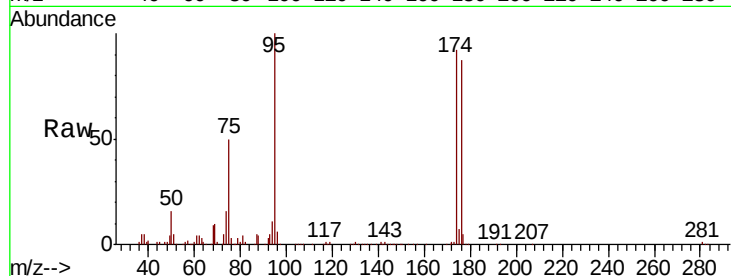
TP-16-S2

Tot Ion: 75 Resp: 137323

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.876 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065958.D

Acq: 16 Jul 2020 15:45

Tgt Ion: 75 Resp: 137323

Ion Ratio Lower Upper

75 100

53 0.1 75.8 113.8#

89 0.1 37.5 56.3#

