

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065908.D
 Acq On : 01 Jul 2020 16:15
 Operator : VA/SY
 Sample : L3172-05
 Misc : 5.063G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-SS

Quant Time: Jul 02 04:45:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	133002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	231417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	201743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	89500	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	69582	50.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	69450	48.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.10%	
50) Toluene-d8	10.34	98	240469	44.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.64	95	78942	44.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.56%	

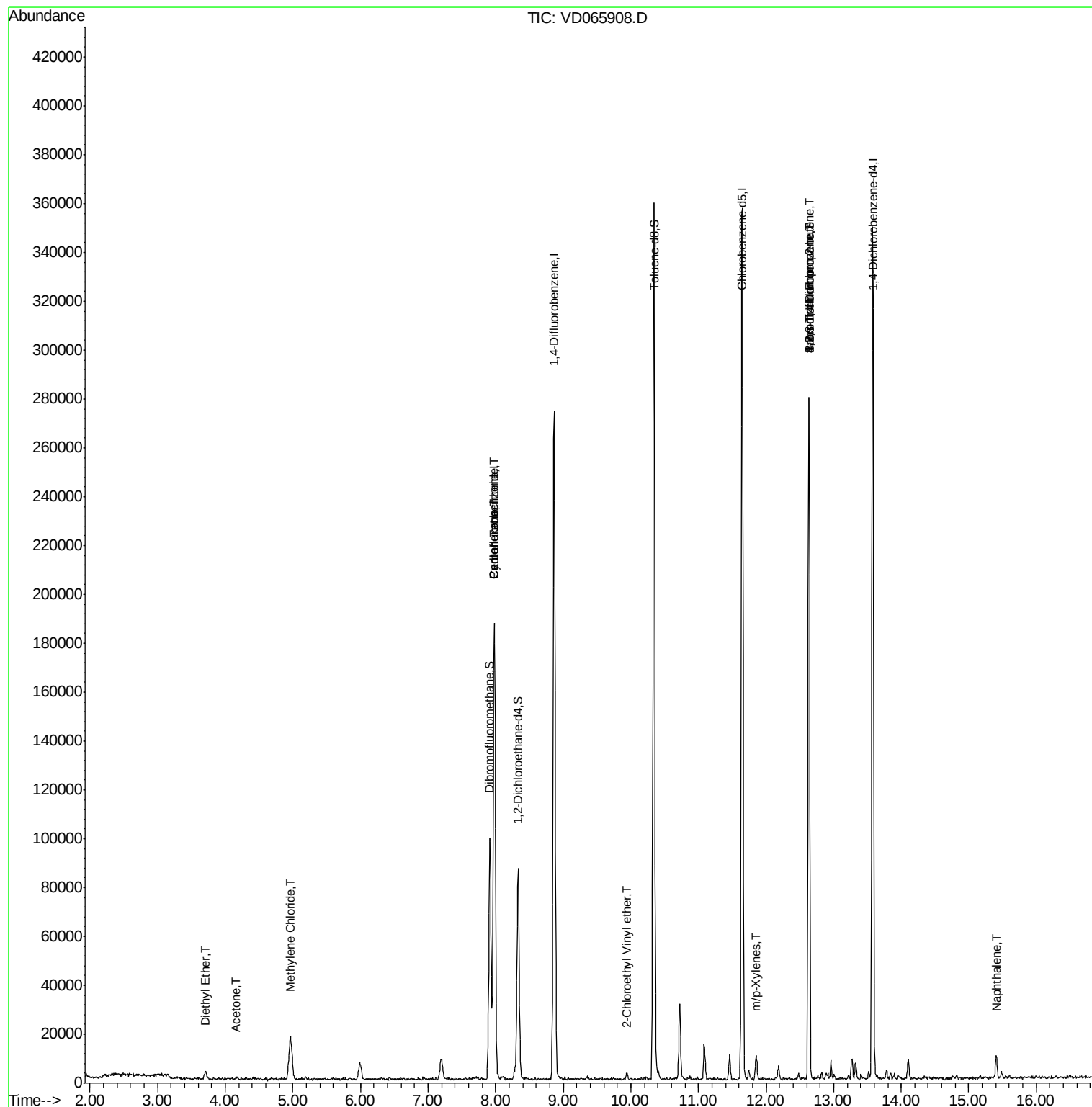
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	1835	2.824	ug/l	91
11) Tert butyl alcohol	5.21	59	335	Below Cal	#	69
16) Acetone	4.16	43	1035	3.823	ug/l #	51
20) Methylene Chloride	4.96	84	13243	4.438	ug/l	88
31) Cyclohexane	7.99	56	3779	1.527	ug/l #	28
38) Carbon Tetrachloride	7.98	117	14073	5.775	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.94	63	1455	2.427	ug/l #	85
68) m/p-Xylenes	11.85	106	3322	1.174	ug/l	95
71) Bromoform	12.64	173	977	1.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	45810	58.495	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	45810	125.668	ug/l #	9
95) Naphthalene	15.41	128	9149	3.277	ug/l	98

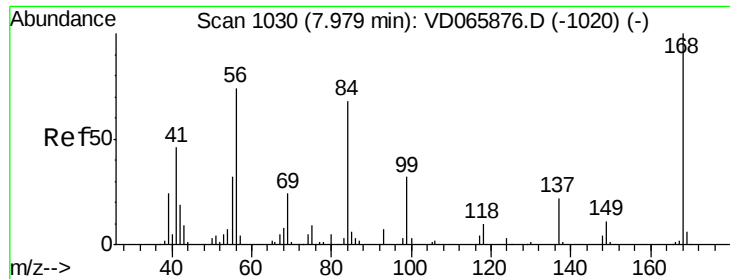
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065908.D

Acq: 01 Jul 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

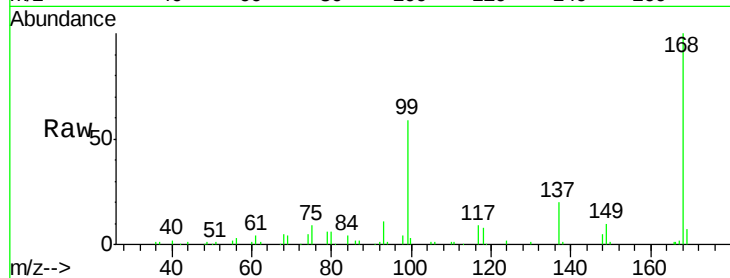
TP3-SS

Tot Ion:168 Resp: 133002

Ion Ratio Lower Upper

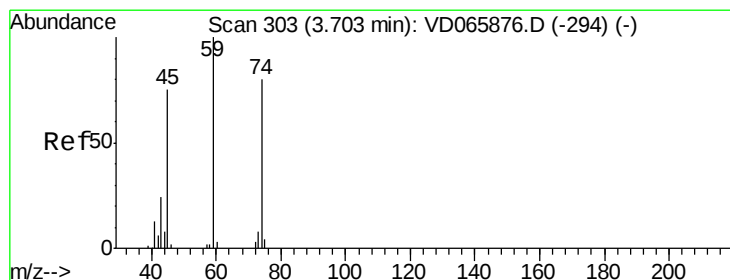
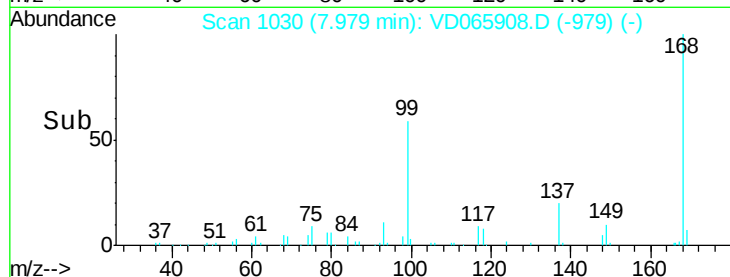
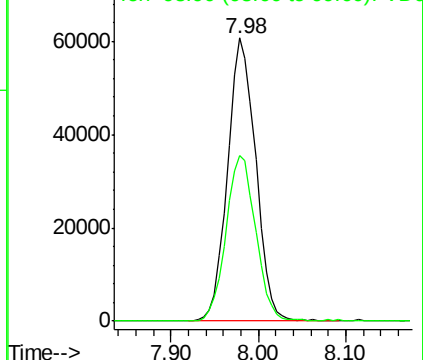
168 100

99 58.6 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 2.824 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.00 min

Lab File: VD065908.D

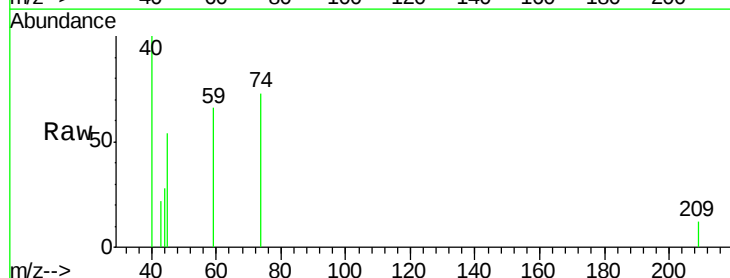
Acq: 01 Jul 2020 16:15

Tgt Ion: 74 Resp: 1835

Ion Ratio Lower Upper

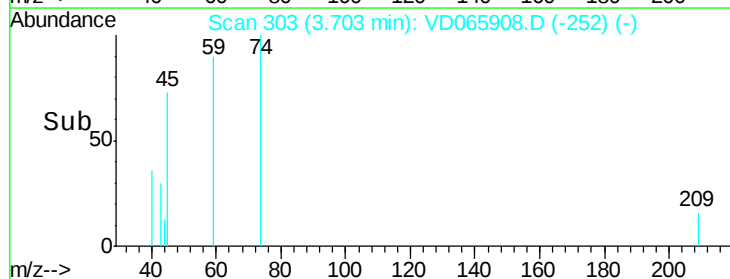
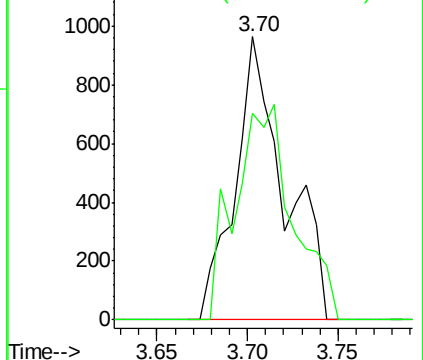
74 100

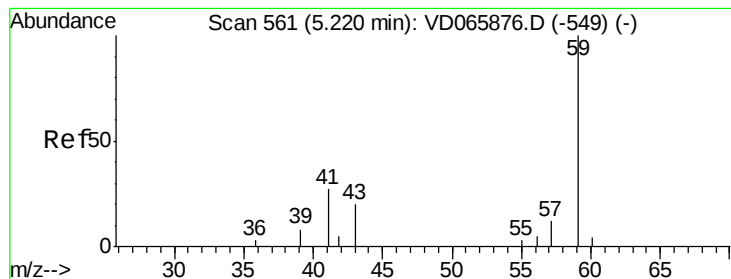
45 88.8 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



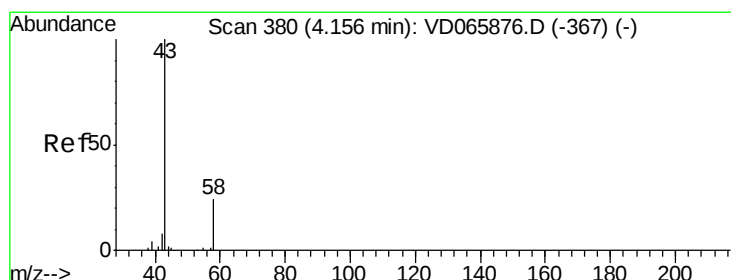
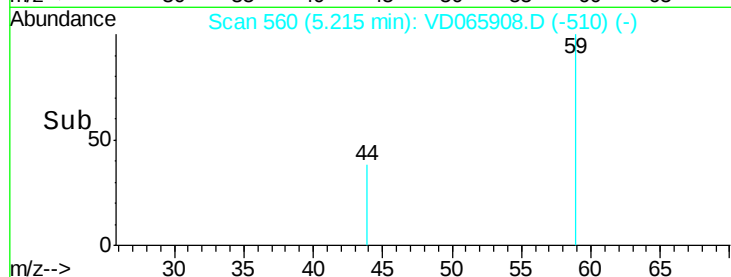
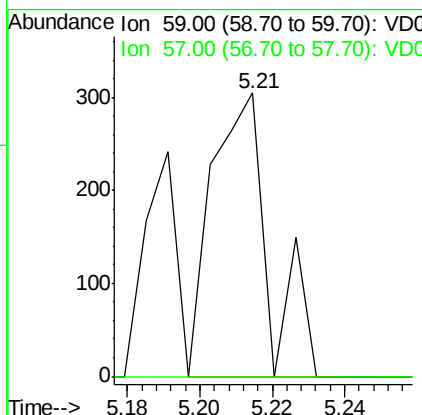
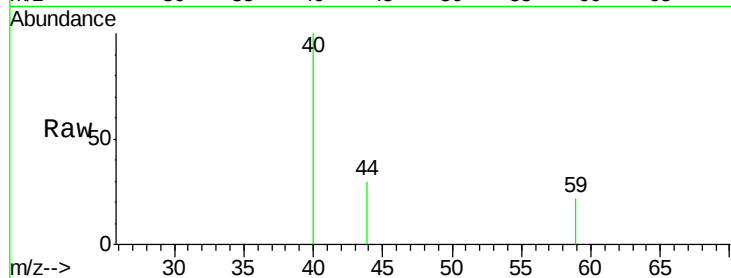


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Instrument :
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TP3-SS

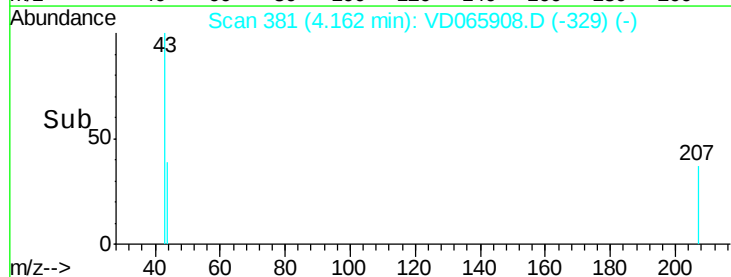
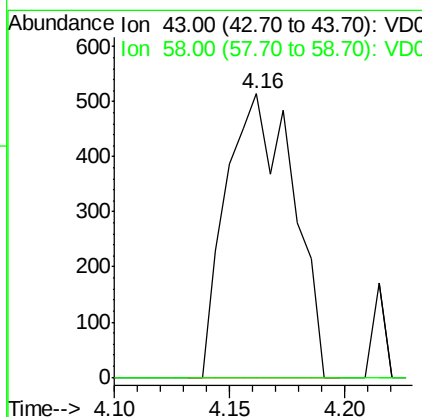
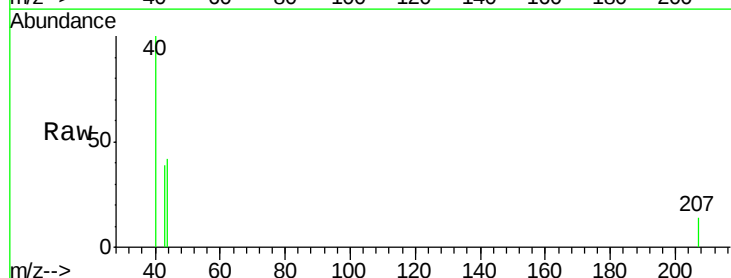
Tot Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 9.7 14.5#

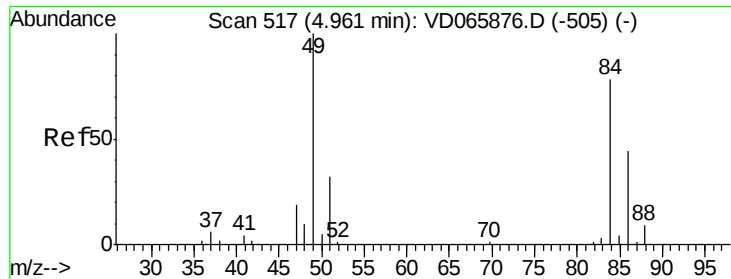


#16

Acetone
Concen: 3.823 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 0.0 19.5 29.3#

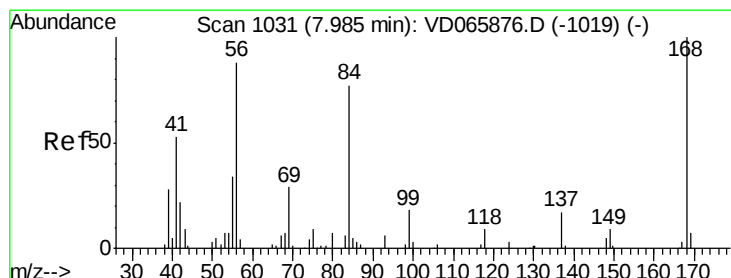
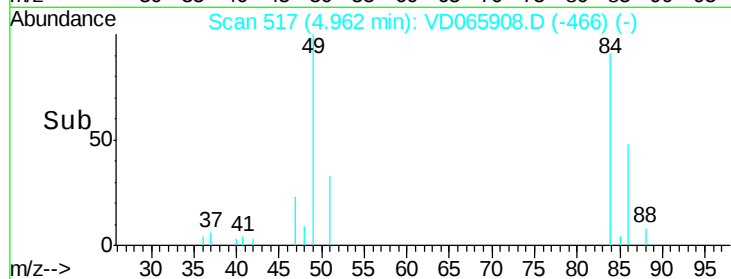
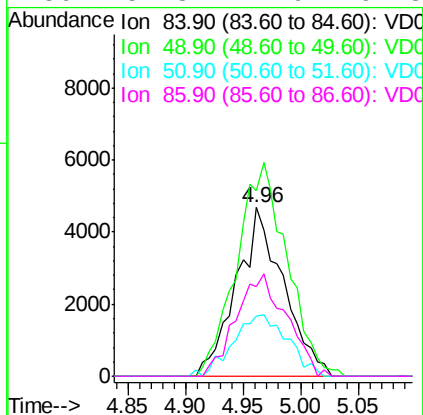
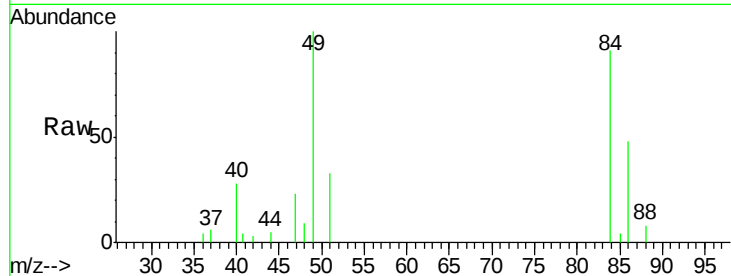




#20
Methvlene Chloride
Concen: 4.438 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

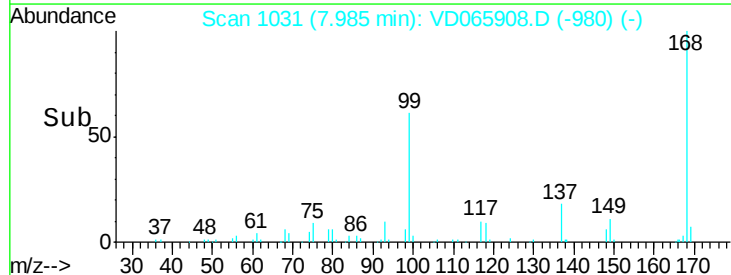
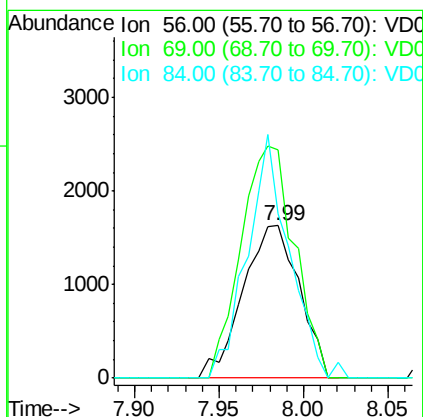
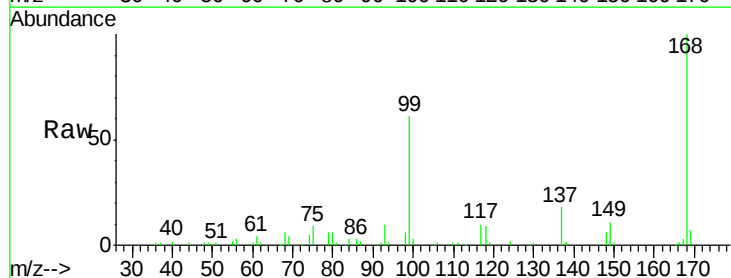
Instrument :
MSVOA_D
ClientSampleId :
TP3-SS

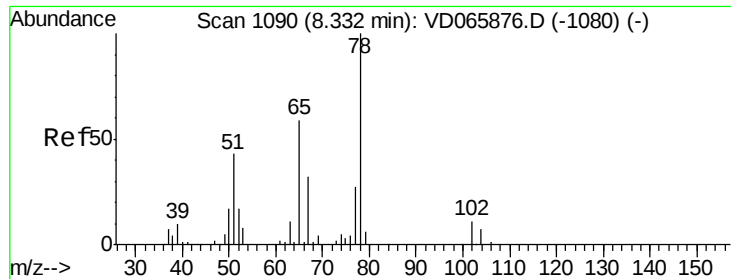
Tot Ion:	84	Resp:	13243
Ion	Ratio	Lower	Upper
84	100		
49	110.3	103.0	154.6
51	35.9	32.7	49.1
86	52.8	44.9	67.3



#31
Cyclohexane
Concen: 1.527 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion:	56	Resp:	3779
Ion	Ratio	Lower	Upper
56	100		
69	149.5	26.2	39.4#
84	107.7	70.3	105.5#

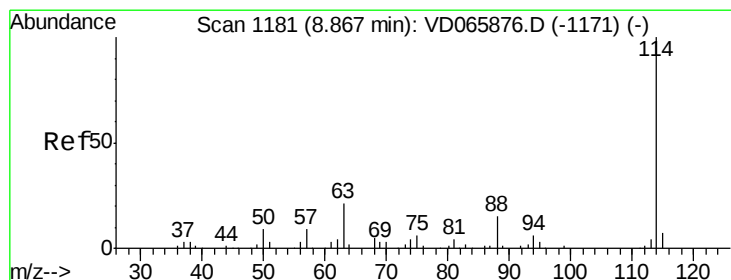
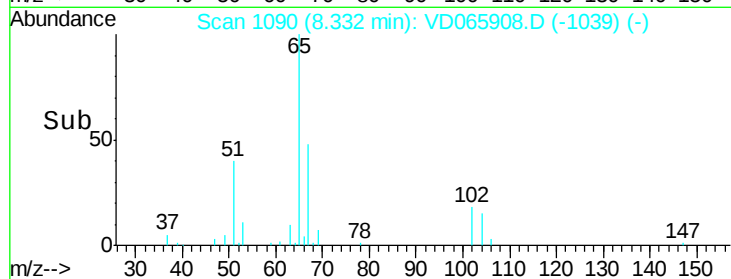
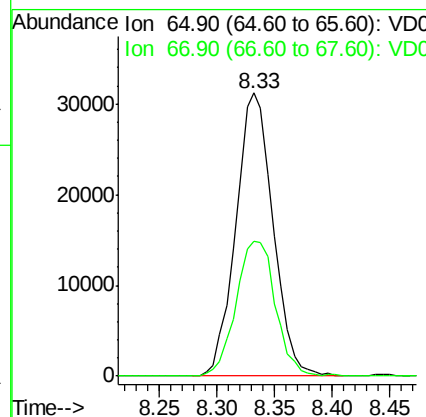
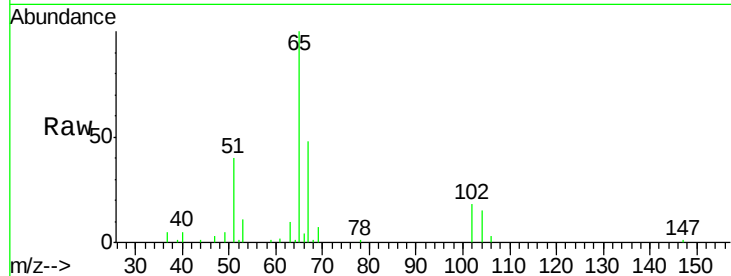




#33
 1,2-Dichloroethane-d4
 Concen: 50.357 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065908.D
 Acq: 01 Jul 2020 16:15

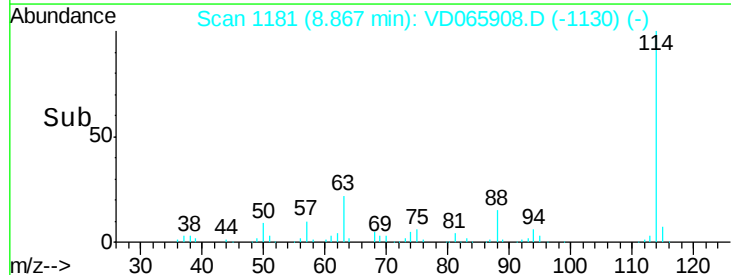
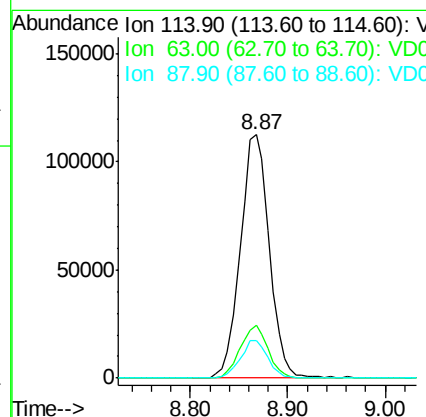
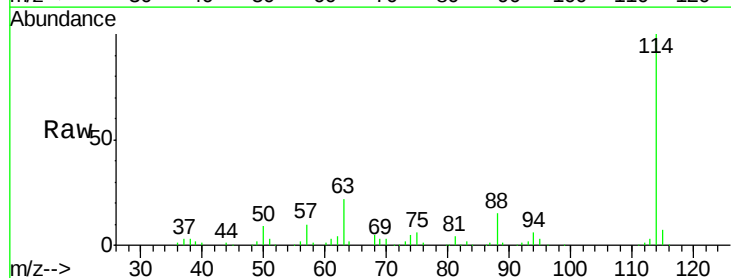
Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-SS

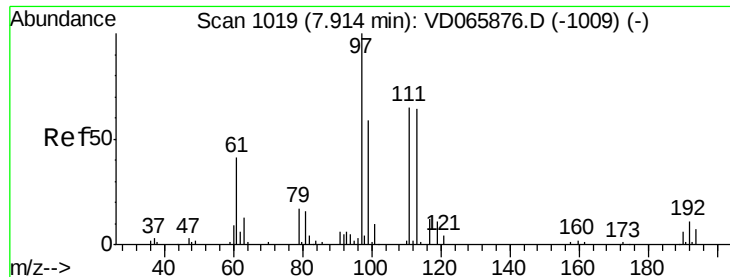
Tot Ion: 65 Resp: 69582
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065908.D
 Acq: 01 Jul 2020 16:15

Tgt Ion: 114 Resp: 231417
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.6
 88 15.3 0.0 29.0

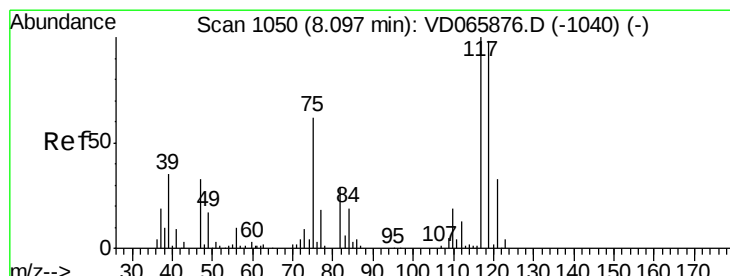
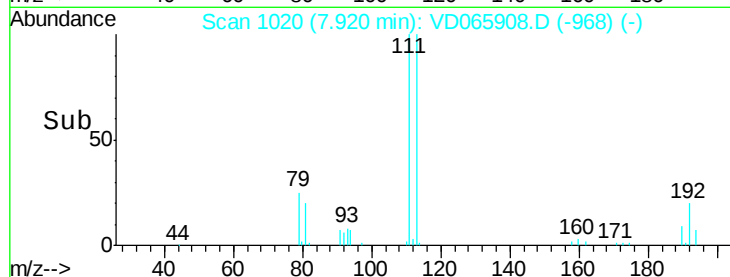
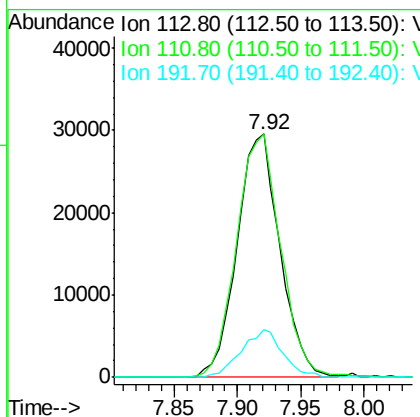
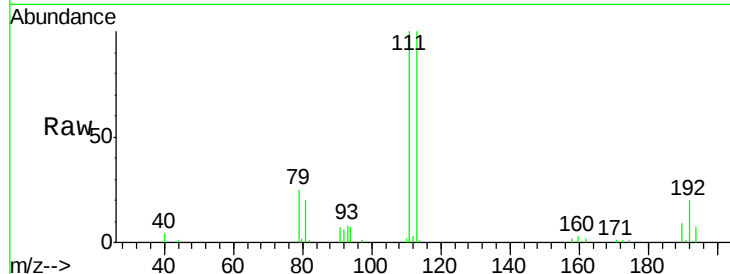




#35
Dibromofluoromethane
Concen: 48.553 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

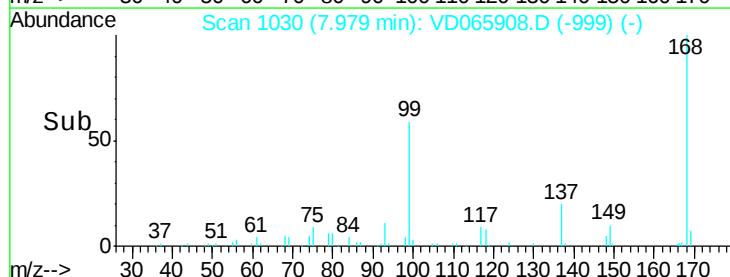
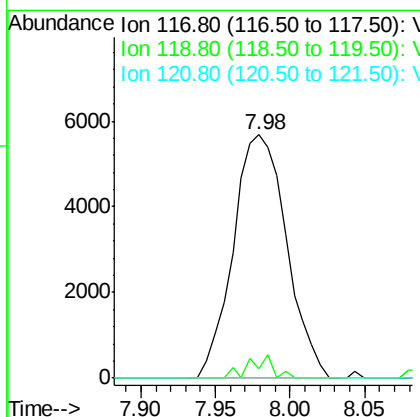
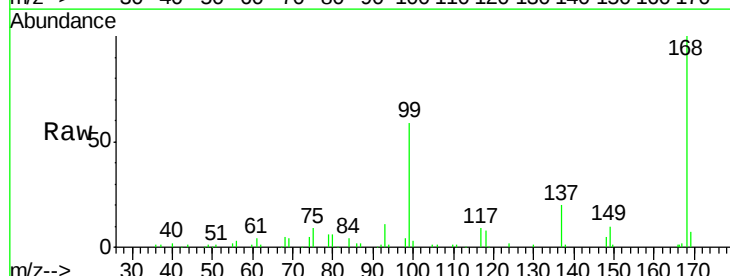
Instrument :
MSVOA_D
ClientSampleId :
TP3-SS

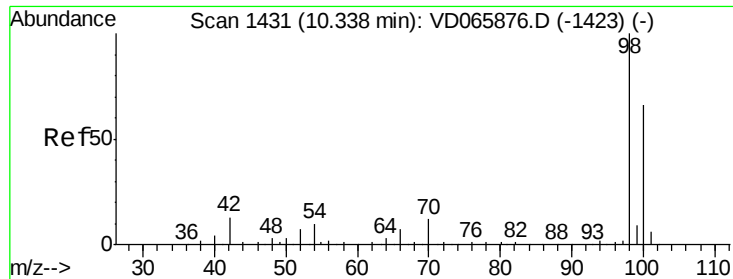
Tot Ion:113 Resp: 69450
Ion Ratio Lower Upper
113 100
111 103.1 81.0 121.6
192 18.9 15.2 22.8



#38
Carbon Tetrachloride
Concen: 5.775 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion:117 Resp: 14073
Ion Ratio Lower Upper
117 100
119 4.0 78.6 117.8#
121 0.0 26.5 39.7#

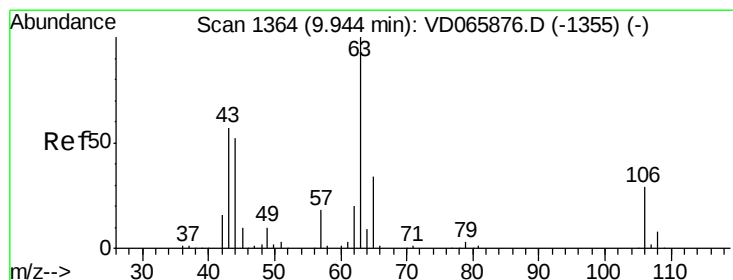
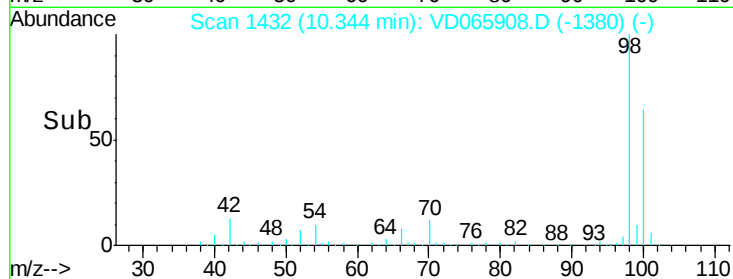
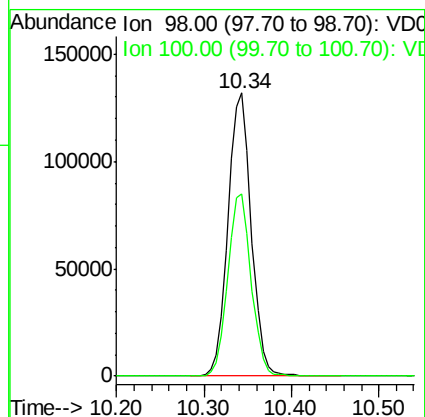
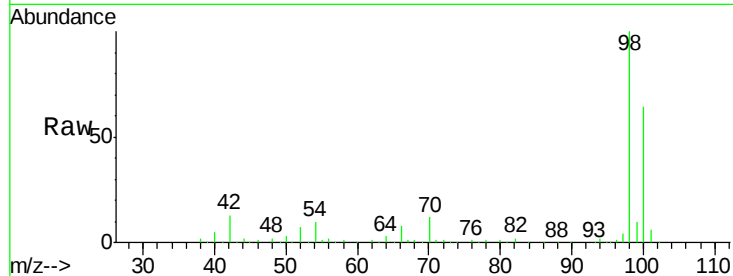




#50
Toluene-d8
Concen: 44.691 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

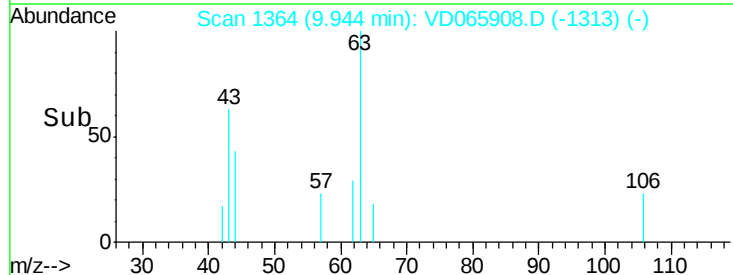
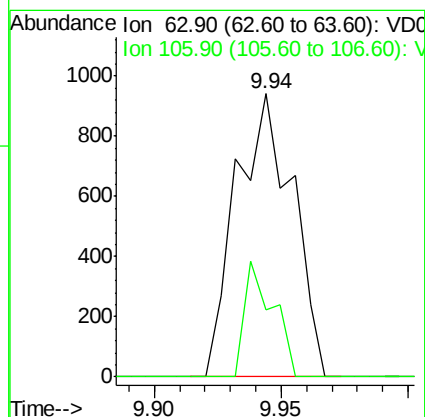
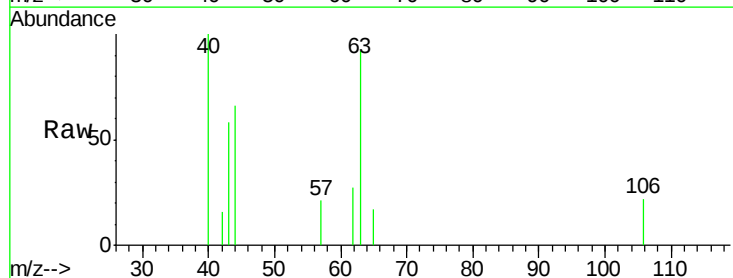
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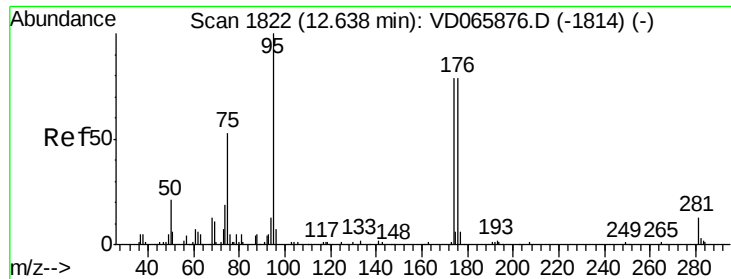
Tot Ion: 98 Resp: 240469
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#58
2-Chloroethyl Vinyl ether
Concen: 2.427 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion: 63 Resp: 1455
Ion Ratio Lower Upper
63 100
106 20.5 22.6 34.0#

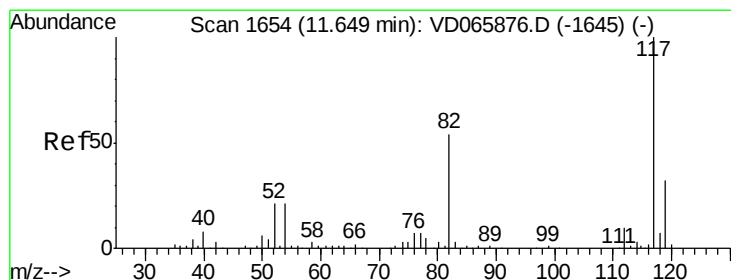
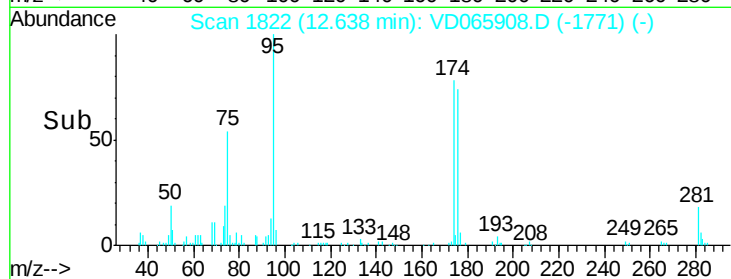
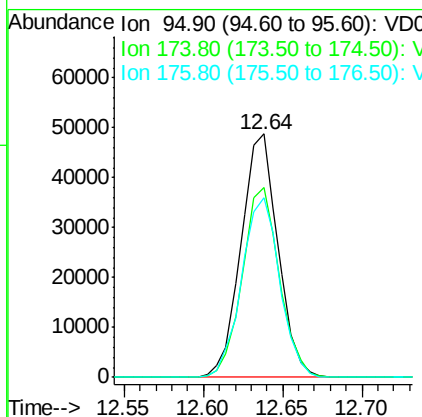
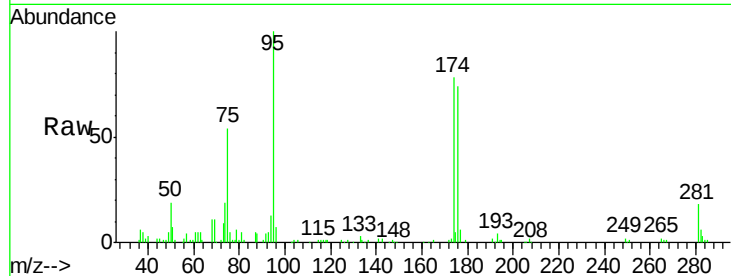




#62
4-Bromofluorobenzene
Concen: 44.784 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

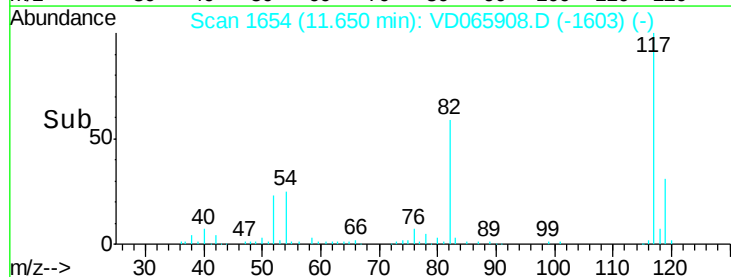
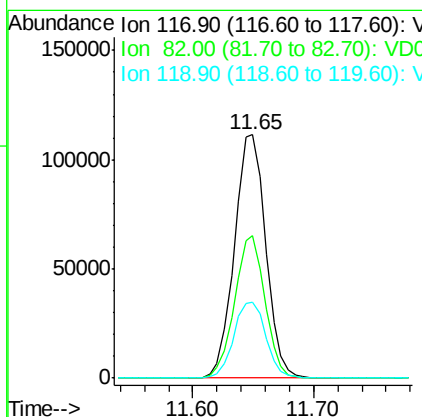
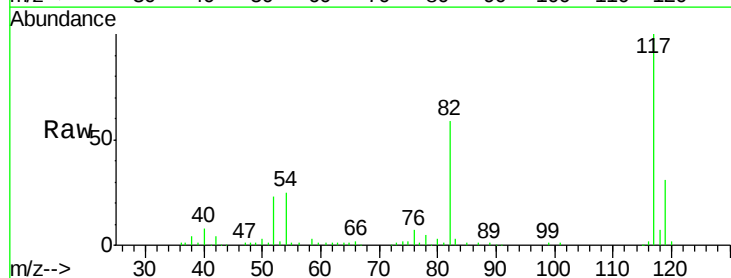
Instrument :
MSVOA_D
ClientSampleId :
TP3-SS

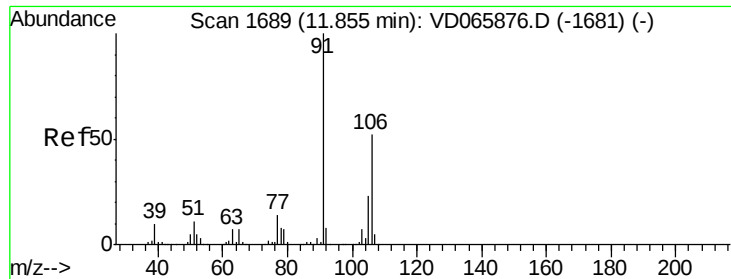
Tot Ion: 95 Resp: 78942
Ion Ratio Lower Upper
95 100
174 78.2 0.0 158.4
176 76.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion: 117 Resp: 201743
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 31.2 25.9 38.9

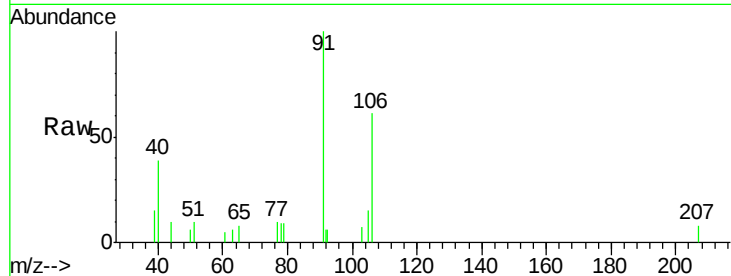




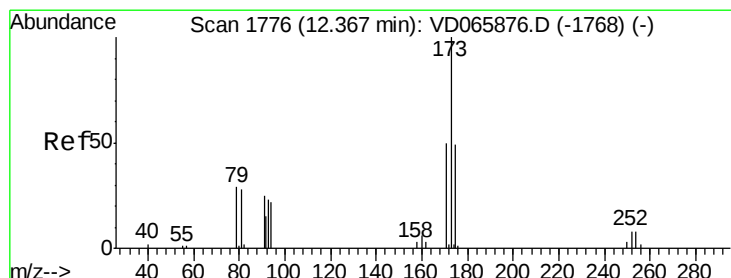
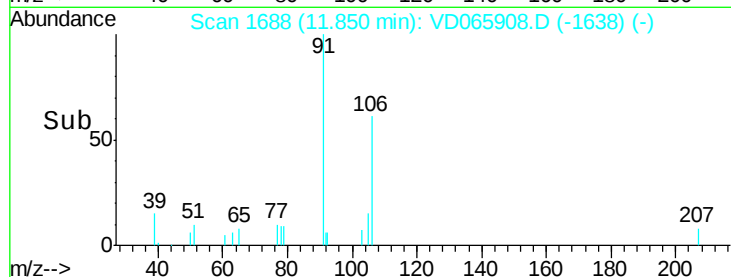
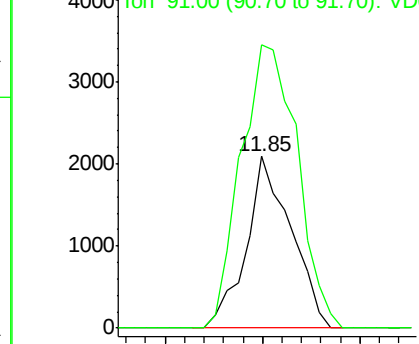
#68
m/p-Xvlenes
Concen: 1.174 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Instrument :
MSVOA_D
ClientSampleId :
TP3-SS

Tot Ion:106 Resp: 3322
Ion Ratio Lower Upper
106 100
91 207.1 159.5 239.3

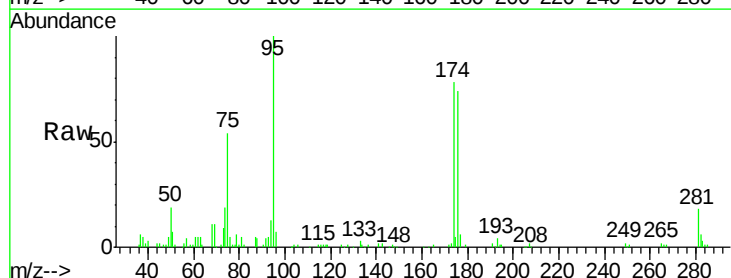


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

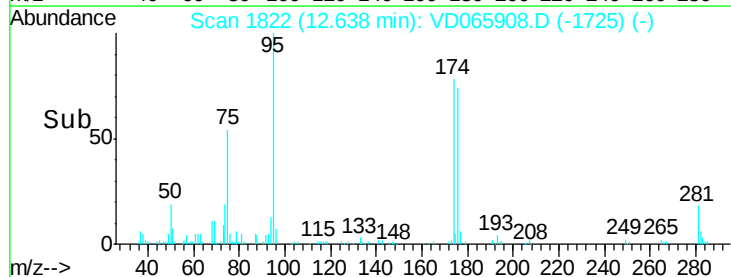
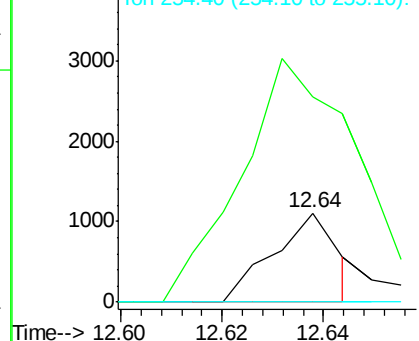


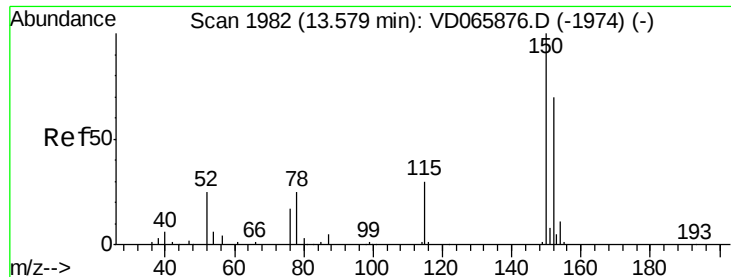
#71
Bromoform
Concen: 1.234 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Tgt Ion:173 Resp: 977
Ion Ratio Lower Upper
173 100
175 414.6 23.9 71.8#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



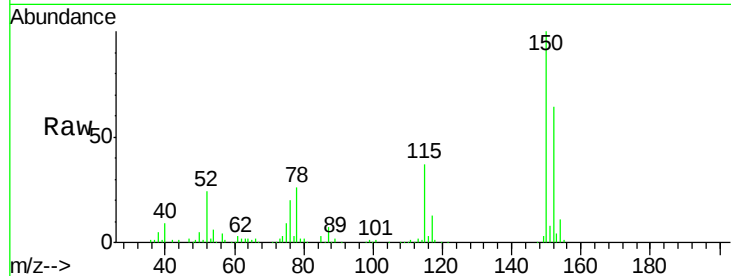


#72

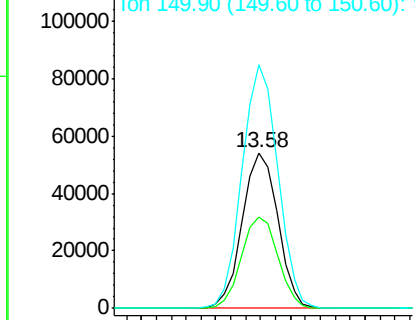
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

Instrument :
MSVOA_D
ClientSampleId :
TP3-SS

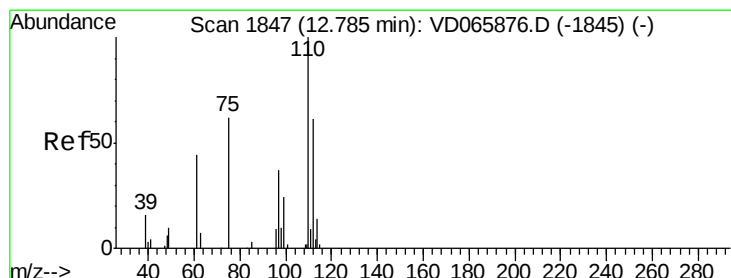
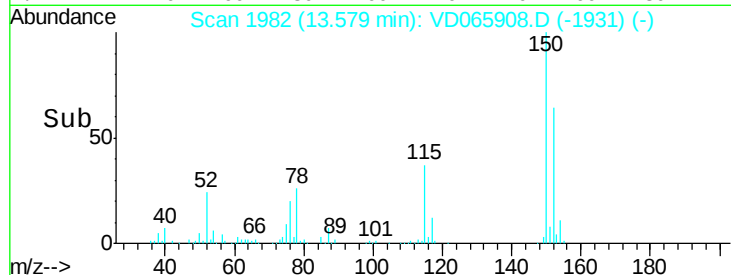
Tot Ion:152 Resp: 89500
Ion Ratio Lower Upper
152 100
115 60.1 29.7 89.1
150 157.4 0.0 346.2



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



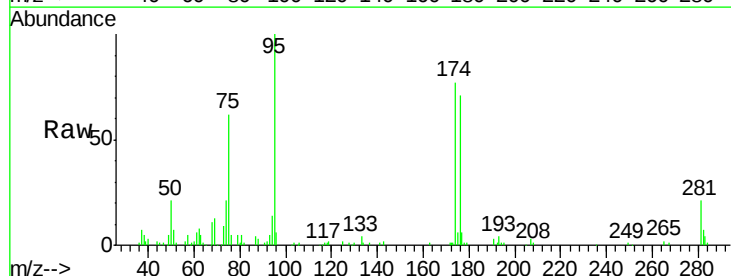
Time--> 13.50 13.55 13.60 13.65



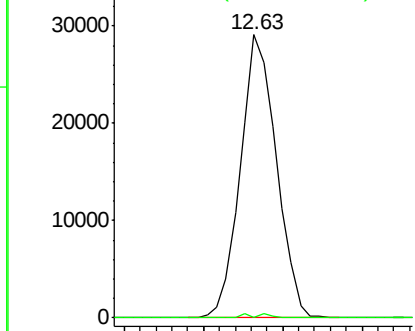
#76

1,2,3-Trichloropropane
Concen: 58.495 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD065908.D
Acq: 01 Jul 2020 16:15

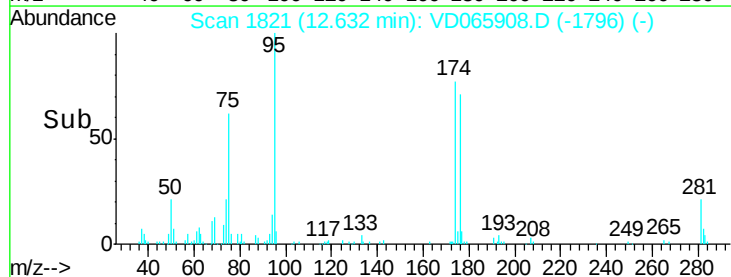
Tgt Ion: 75 Resp: 45810
Ion Ratio Lower Upper
75 100
77 0.8 168.5 505.5#

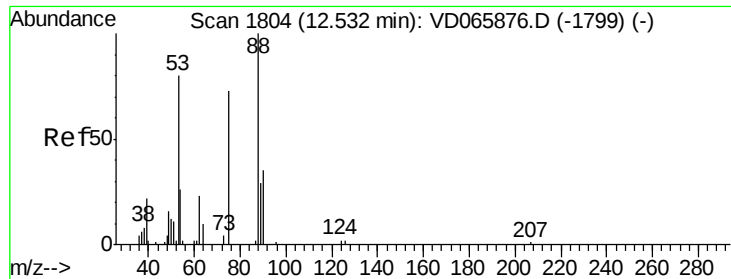


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70





#81

trans-1,4-Dichloro-2-butene

Concen: 125.668 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065908.D

Acq: 01 Jul 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

TP3-SS

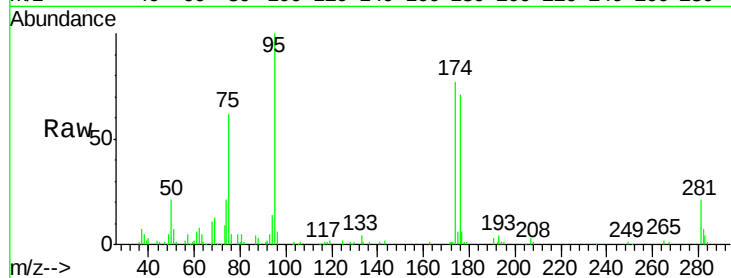
Tot Ion: 75 Resp: 45810

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

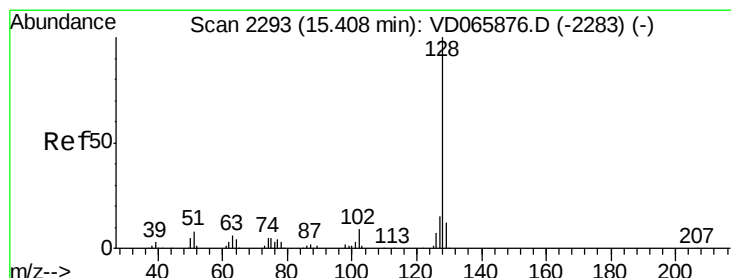
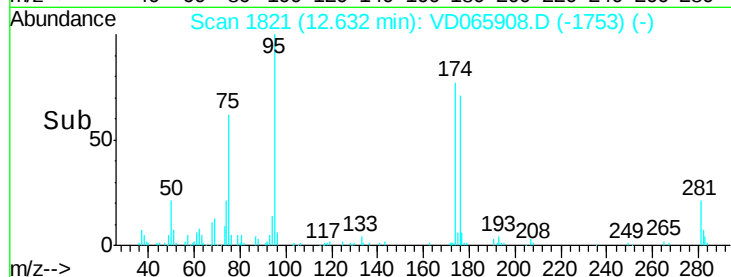
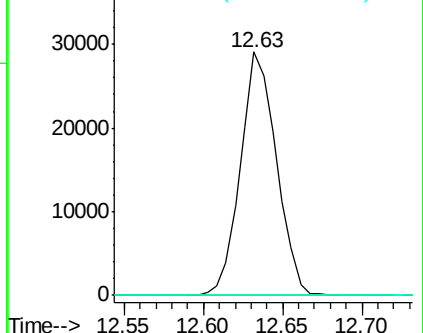
89 0.0 36.5 54.7#



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



#95

Naphthalene

Concen: 3.277 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065908.D

Acq: 01 Jul 2020 16:15

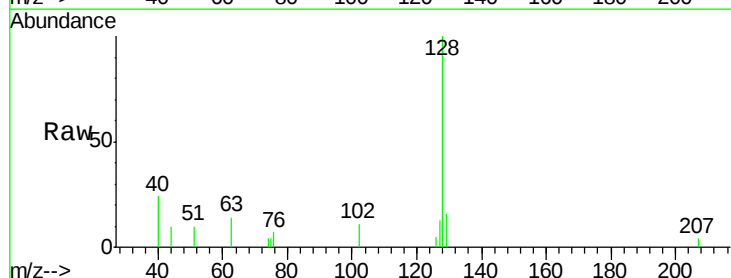
Tgt Ion: 128 Resp: 9149

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 12.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

