

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065891.D
 Acq On : 29 Jun 2020 17:23
 Operator : VA/SY
 Sample : L3157-02
 Misc : 7.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D19

Quant Time: Jun 30 04:13:04 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	30704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	53050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	46941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15657	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	30098	94.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.72%	
35) Dibromofluoromethane	7.91	113	21088	64.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.62%	
50) Toluene-d8	10.34	98	56895	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.64	95	16473	40.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.54%	

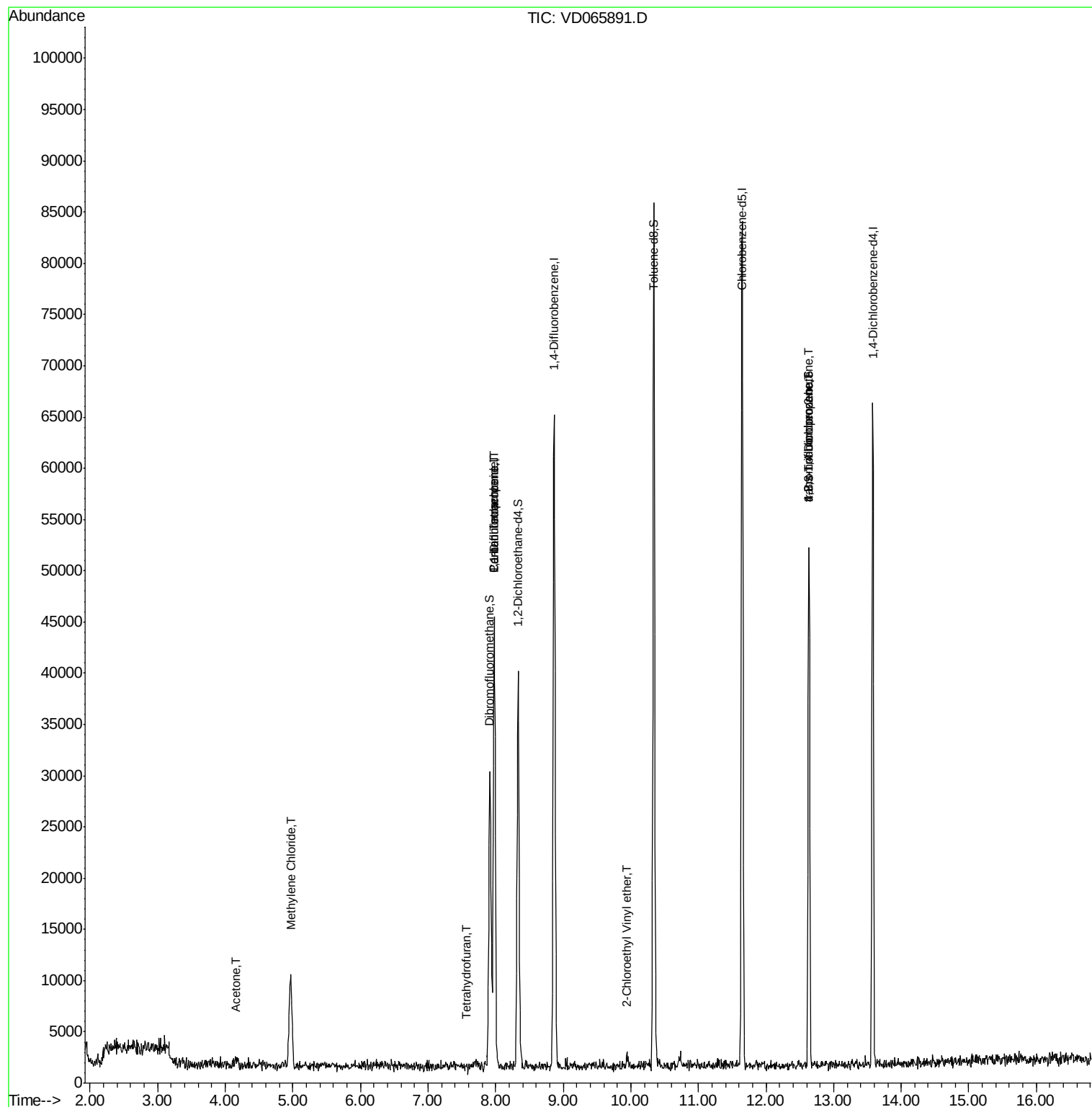
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1297	20.753	ug/l #	85
20) Methylene Chloride	4.97	84	6628	16.723	ug/l	95
29) Tetrahydrofuran	7.56	42	57	1.076	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	2379	4.599	ug/l #	43
38) Carbon Tetrachloride	7.99	117	2732	4.891	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.94	63	1000	7.275	ug/l #	69
76) 1,2,3-Trichloropropane	12.63	75	9682	70.671	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	9682	151.825	ug/l #	9

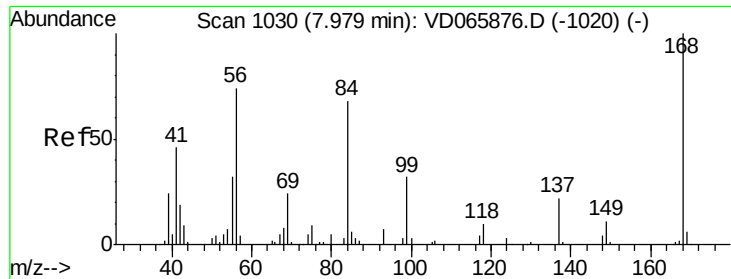
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065891.D

Acq: 29 Jun 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

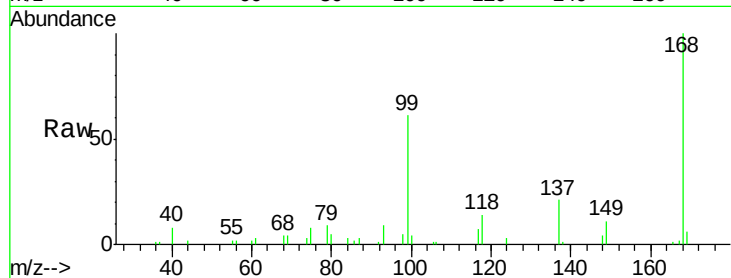
MH-D19

Tot Ion:168 Resp: 30704

Ion Ratio Lower Upper

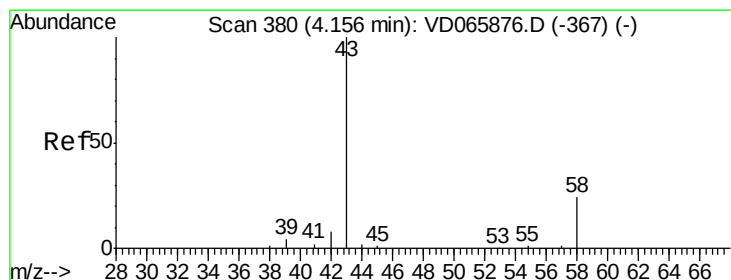
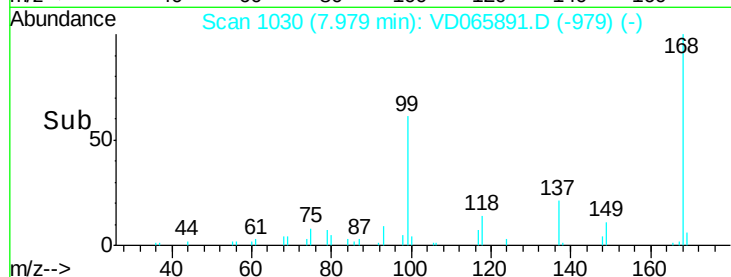
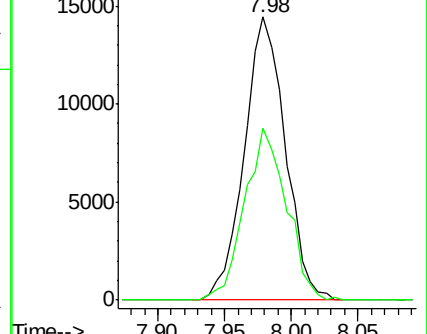
168 100

99 61.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 20.753 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065891.D

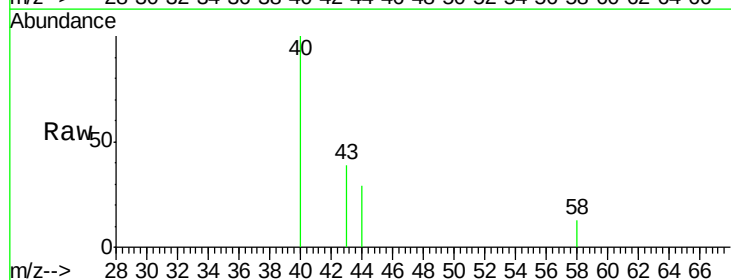
Acq: 29 Jun 2020 17:23

Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

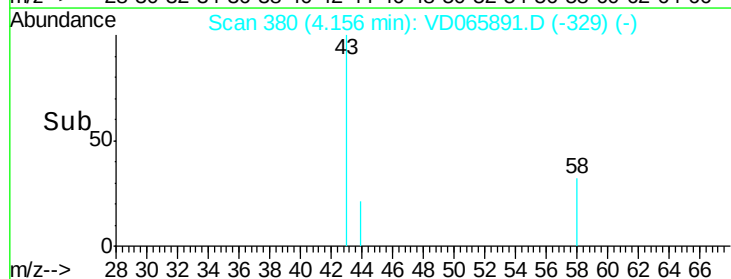
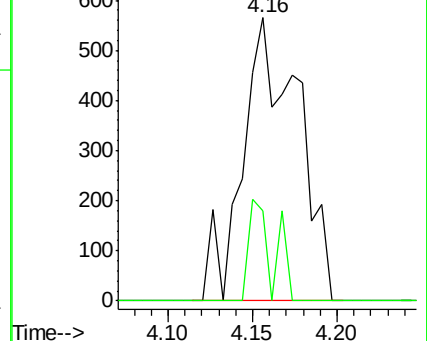
43 100

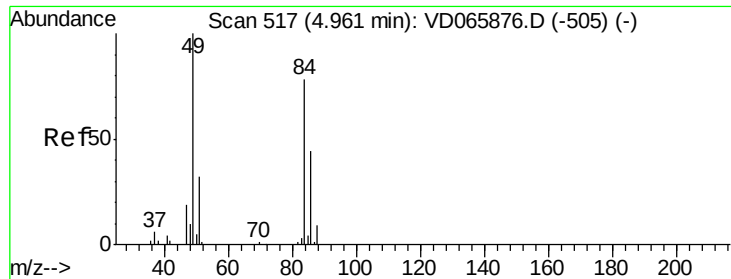
58 31.7 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

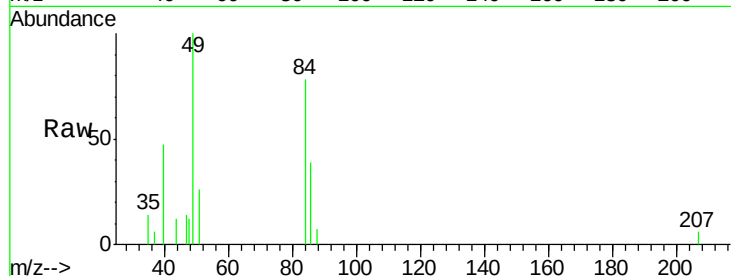




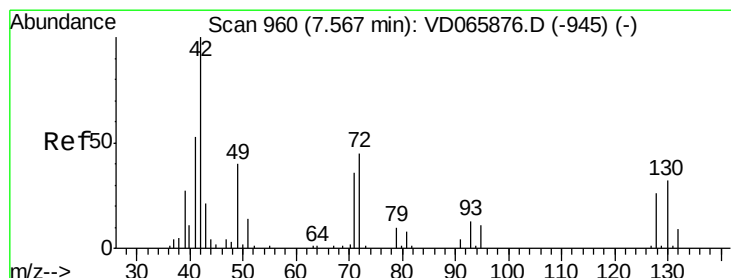
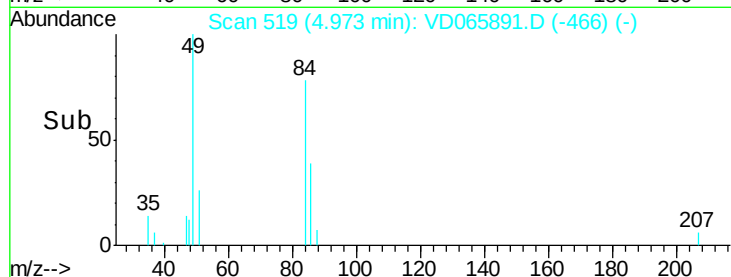
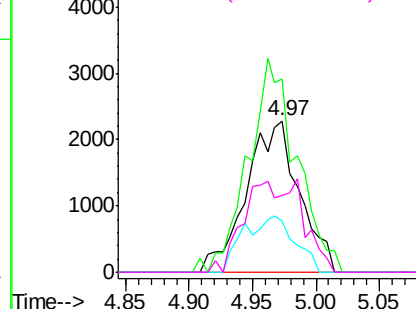
#20
Methylene Chloride
Concen: 16.723 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
MH-D19

Tot Ion:	84	Resp:	6628
Ion	Ratio	Lower	Upper
84	100		
49	127.7	103.0	154.6
51	33.7	32.7	49.1
86	50.3	44.9	67.3

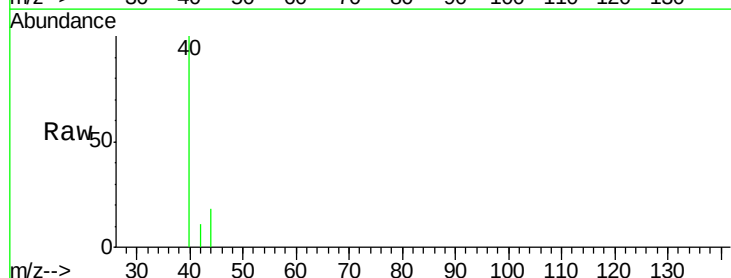


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

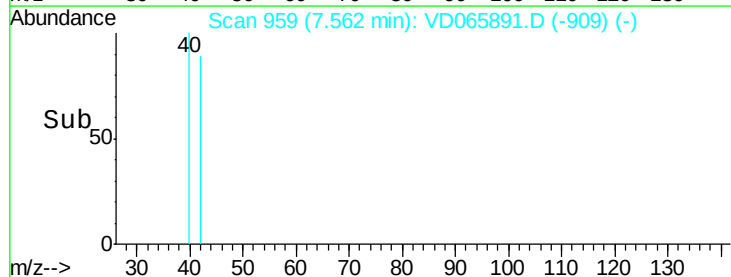
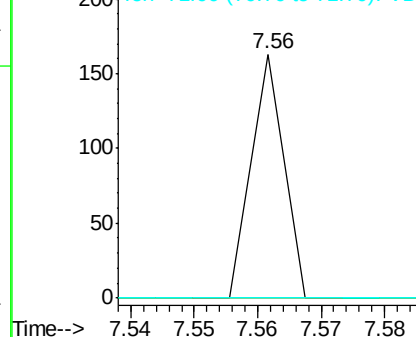


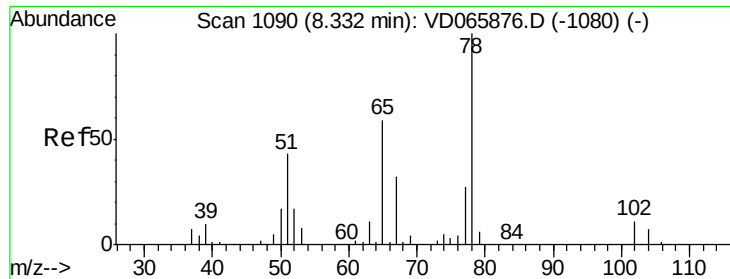
#29
Tetrahydrofuran
Concen: 1.076 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	0.0	32.6	48.8#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

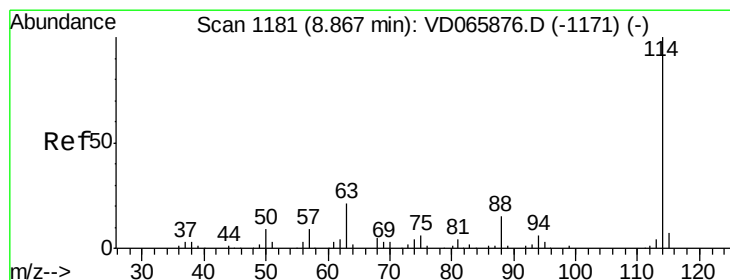
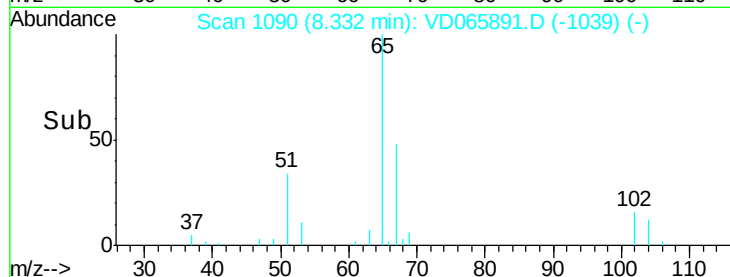
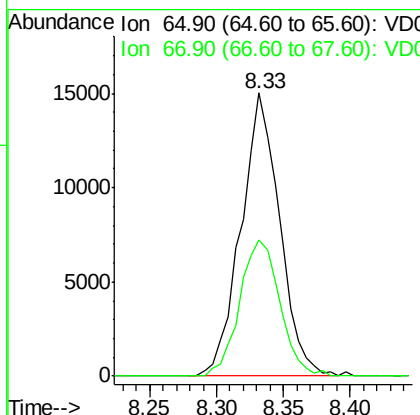
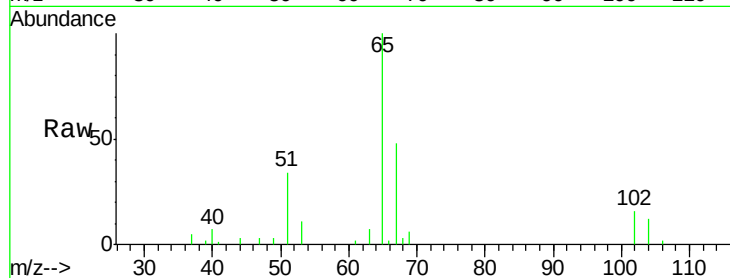




#33
 1,2-Dichloroethane-d4
 Concen: 94.356 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

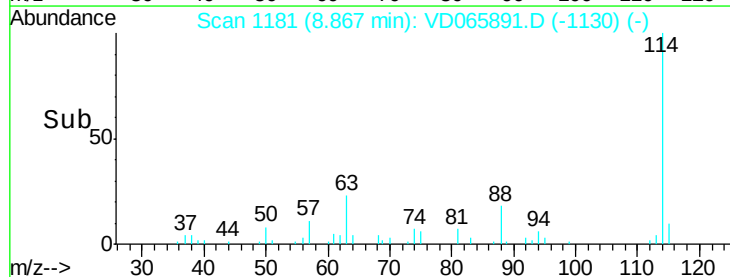
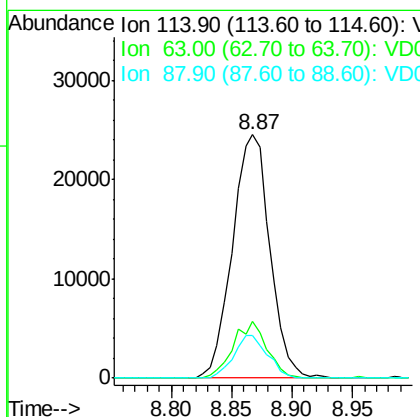
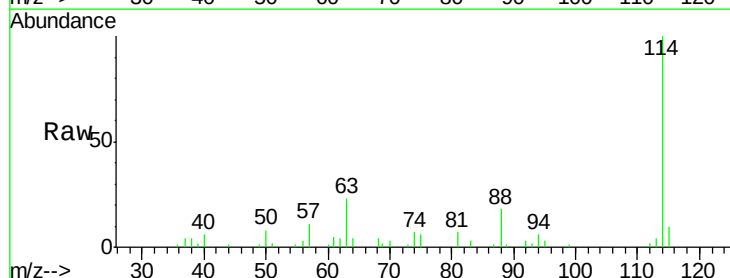
Instrument :
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 MH-D19

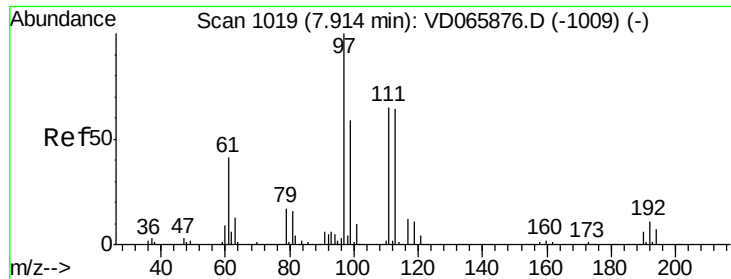
Tot Ion: 65 Resp: 30098
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Tgt Ion: 114 Resp: 53050
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 42.6
 88 17.7 0.0 29.0

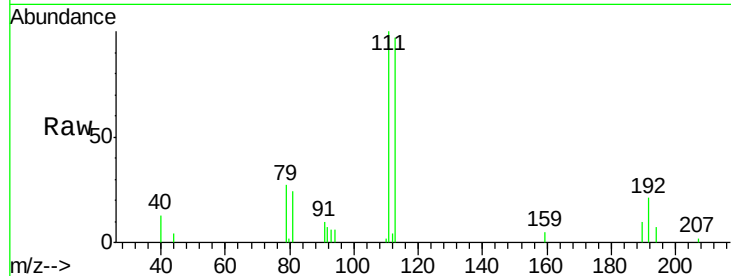




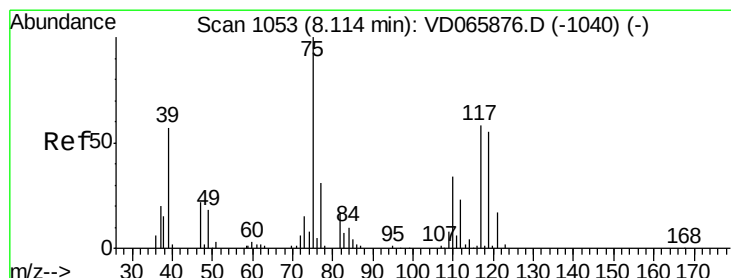
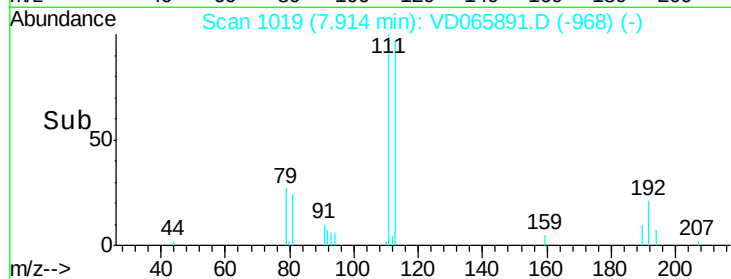
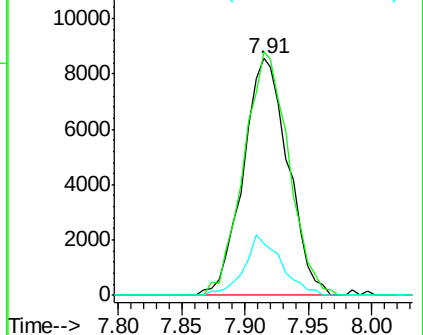
#35
 Dibromofluoromethane
 Concen: 64.311 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D19

Tot Ion:113 Resp: 21088
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 20.9 15.2 22.8

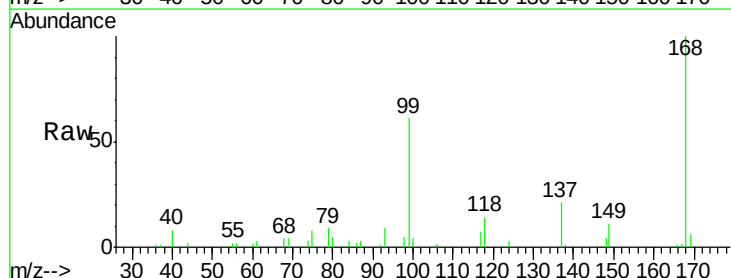


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

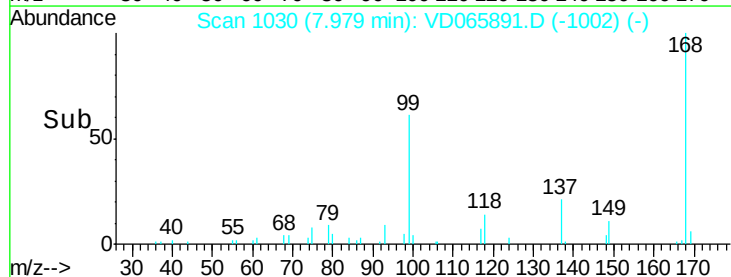
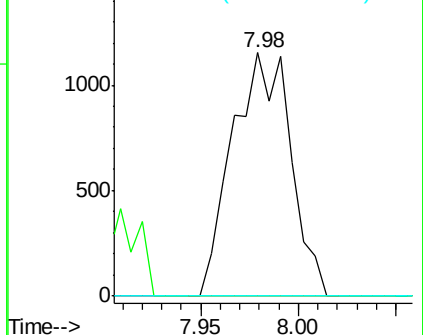


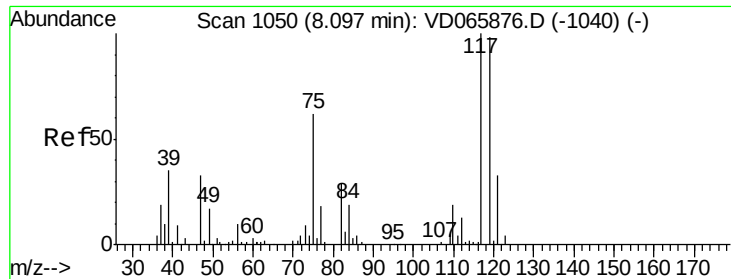
#36
 1,1-Dichloropropene
 Concen: 4.599 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Tgt Ion: 75 Resp: 2379
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.8 50.4#
 77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 4.891 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065891.D

Acq: 29 Jun 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

MH-D19

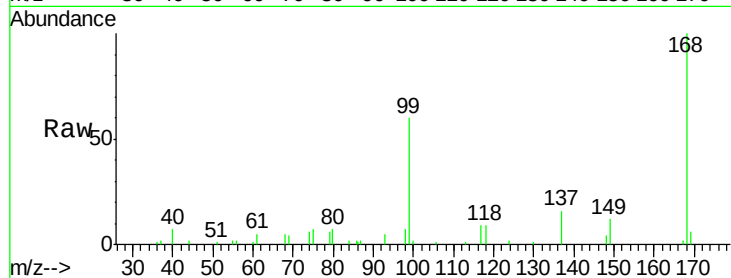
Tot Ion:117 Resp: 2732

Ion Ratio Lower Upper

117 100

119 0.0 78.6 117.8#

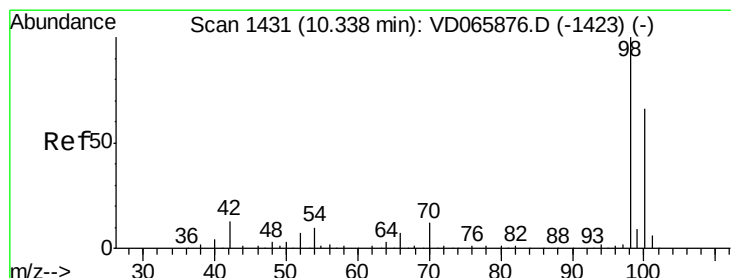
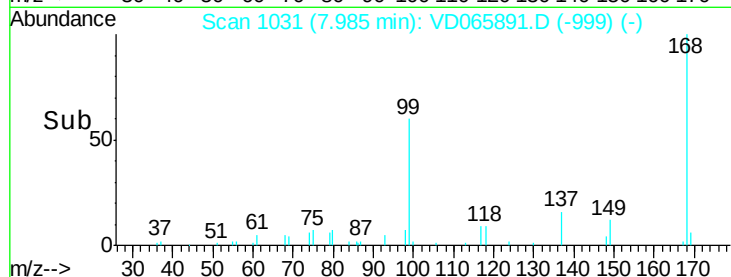
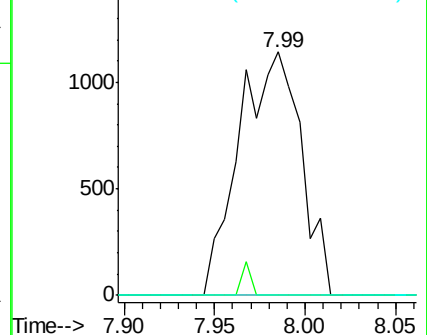
121 0.0 26.5 39.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 46.126 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD065891.D

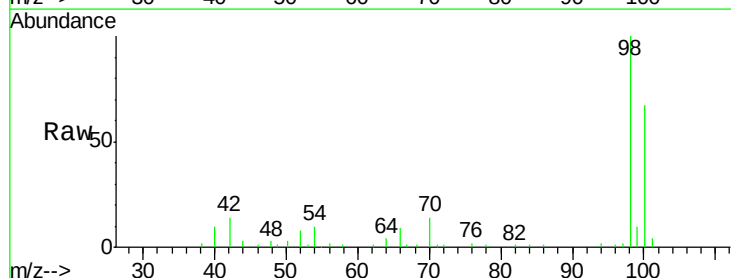
Acq: 29 Jun 2020 17:23

Tgt Ion: 98 Resp: 56895

Ion Ratio Lower Upper

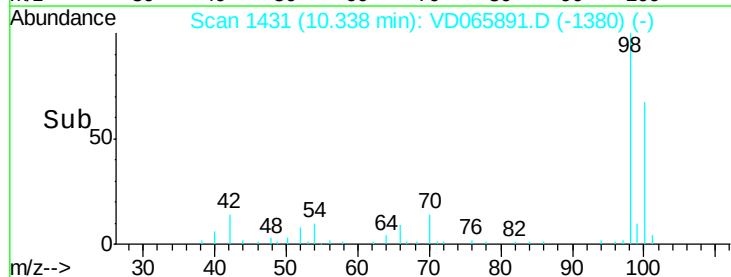
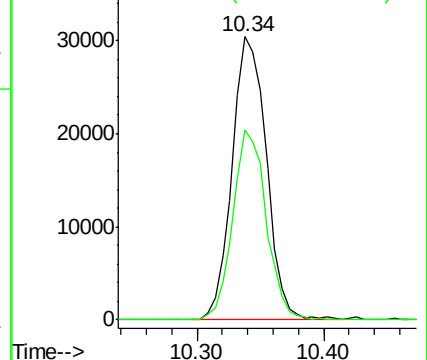
98 100

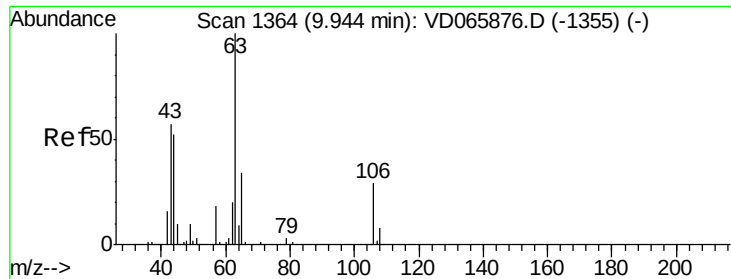
100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

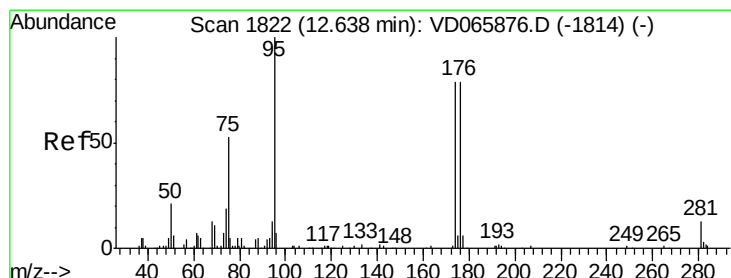
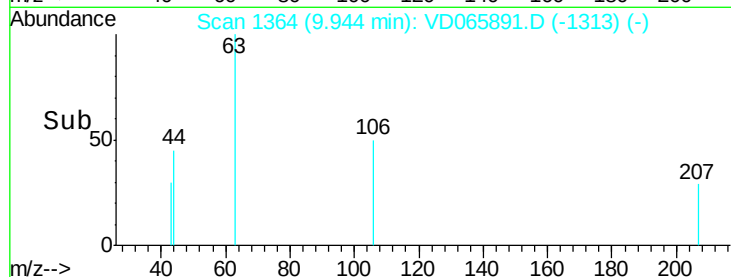
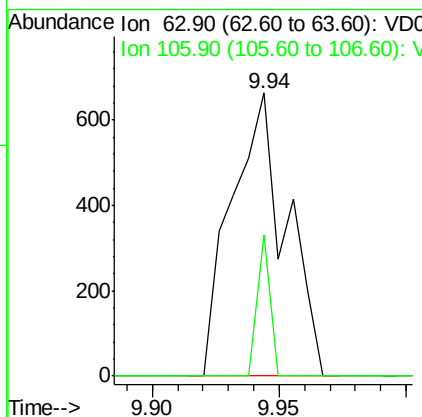
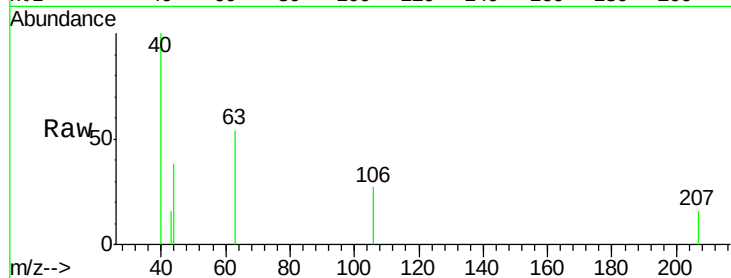




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.275 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

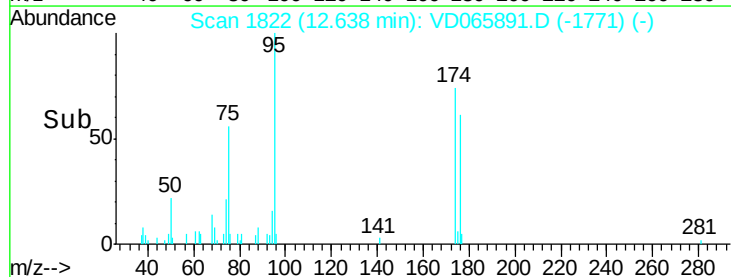
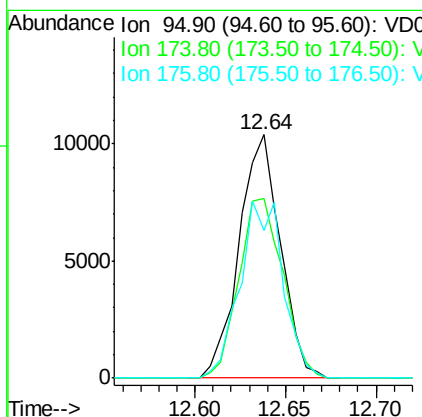
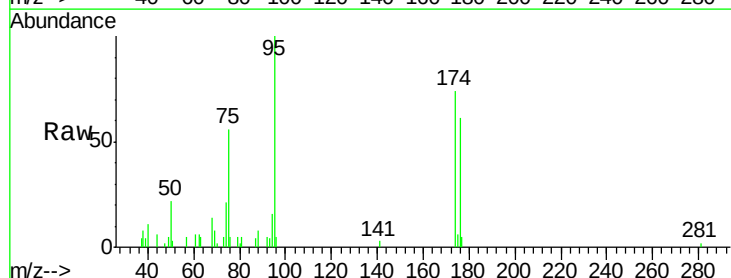
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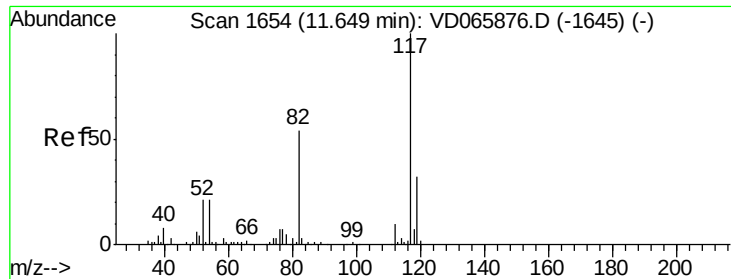
Tot Ion: 63 Resp: 1000
 Ion Ratio Lower Upper
 63 100
 106 11.7 22.6 34.0#



#62
 4-Bromofluorobenzene
 Concen: 40.766 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Tgt Ion: 95 Resp: 16473
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 158.4
 176 76.0 0.0 156.0

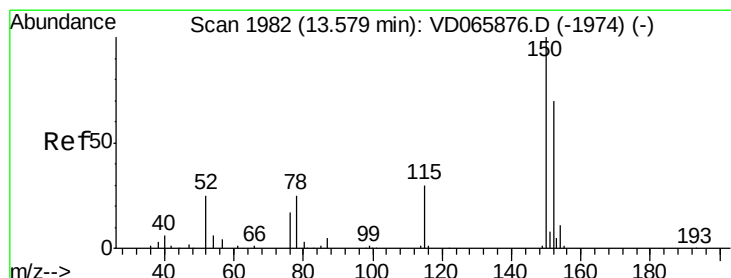
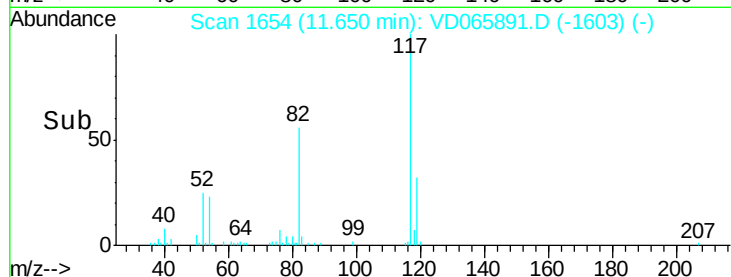
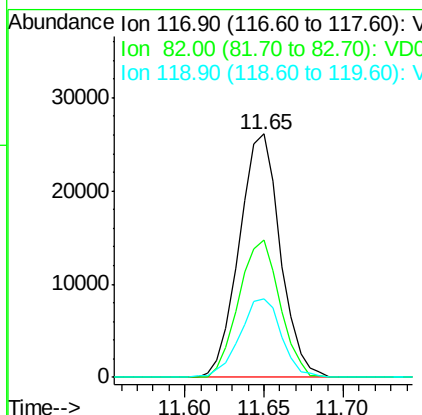
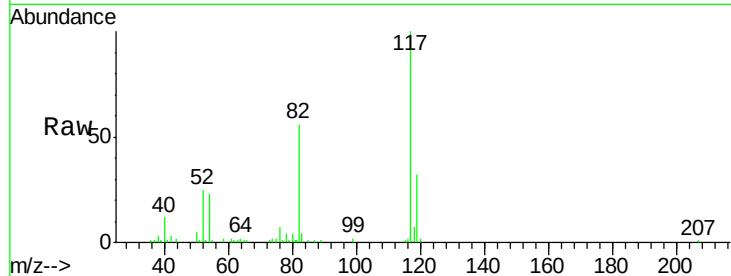




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

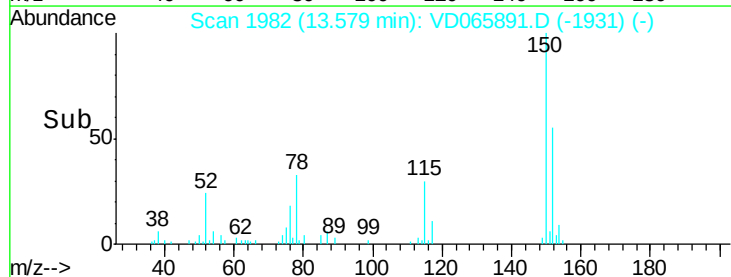
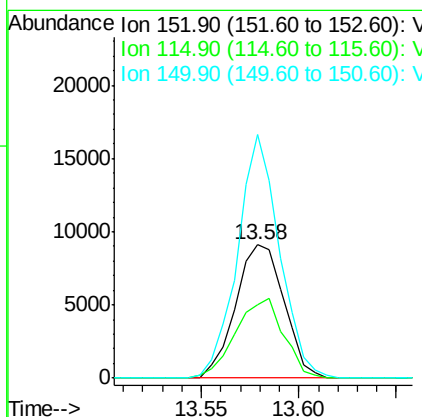
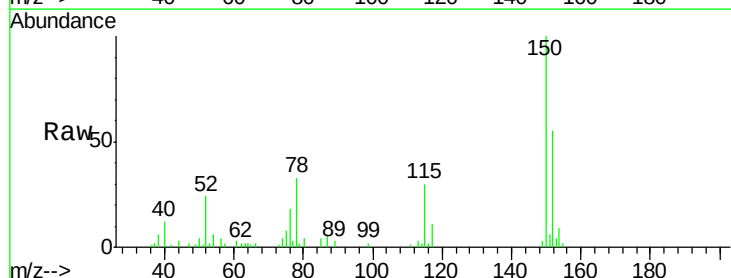
Instrument :
MSVOA_D
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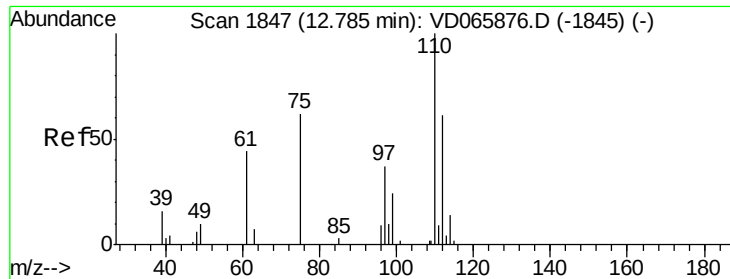
Tot Ion:117 Resp: 46941
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Tgt Ion:152 Resp: 15657
Ion Ratio Lower Upper
152 100
115 59.2 29.7 89.1
150 157.8 0.0 346.2

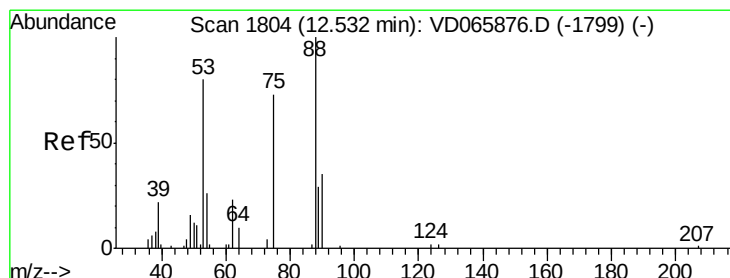
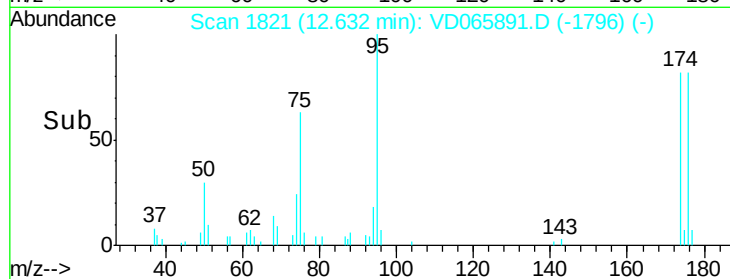
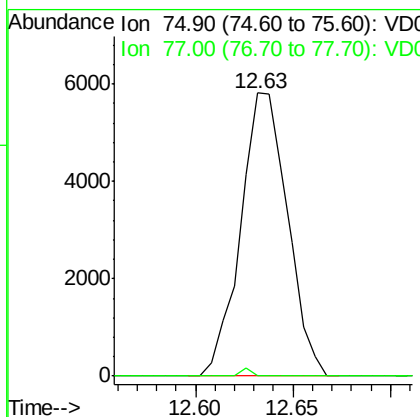
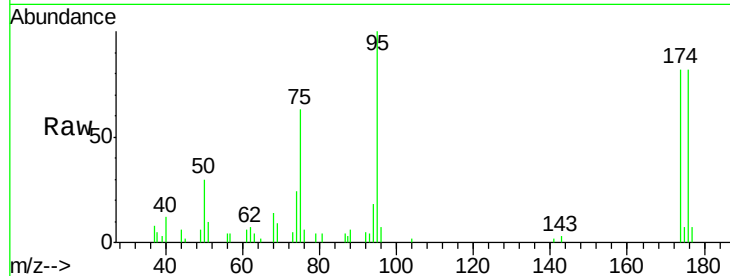




#76
 1,2,3-Trichloropropane
 Concen: 70.671 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D19

Tot Ion: 75 Resp: 9682
 Ion Ratio Lower Upper
 75 100
 77 0.6 168.5 505.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.825 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Tgt Ion: 75 Resp: 9682
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.6 121.0#
 89 0.0 36.5 54.7#

