

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062819.D
 Acq On : 21 Jun 2019 16:31
 Operator : VA/AP
 Sample : K3482-03
 Misc : 6.05g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jun 22 04:14:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	646062	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	834707	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	716343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	375696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	405209	57.70	ug/l	0.00
Spiked Amount			Recovery	=	115.40%	
35) Dibromofluoromethane	6.93	113	386357	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
50) Toluene-d8	10.43	98	813335	53.10	ug/l	0.01
Spiked Amount			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	13.56	95	365951	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	

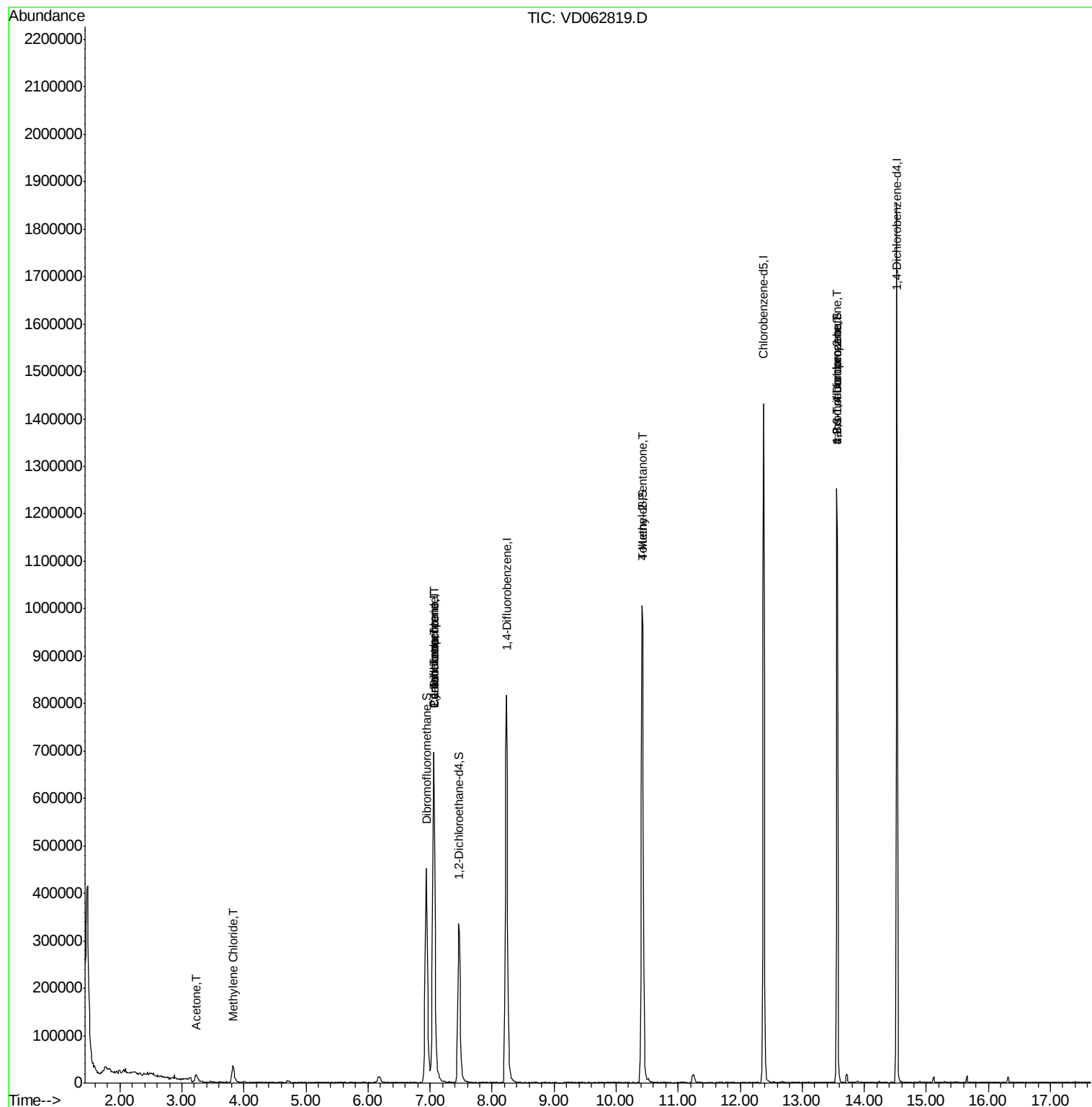
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	34525	17.744	ug/l	94
20) Methylene Chloride	3.81	84	20216	3.775	ug/l	87
31) Cyclohexane	7.06	56	15082	2.287	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	52092	6.593	ug/l #	52
37) Ethyl Acetate	6.17	43	1006	Below Cal	#	1
38) Carbon Tetrachloride	7.06	117	67797	5.705	ug/l #	14
51) 4-Methyl-2-Pentanone	10.43	43	5847	1.991	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	146310	33.734	ug/l #	47
81) trans-1,4-Dichloro-2-buten	13.56	75	173433	152.576	ug/l #	2

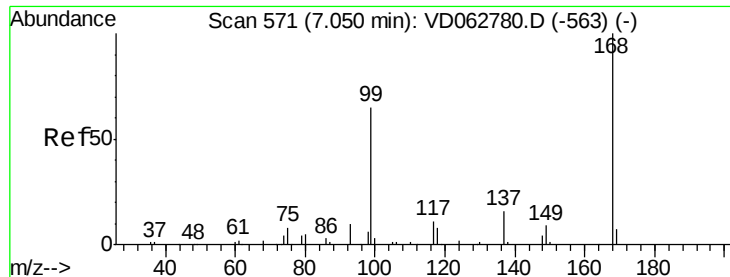
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
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Quant Time: Jun 22 04:14:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

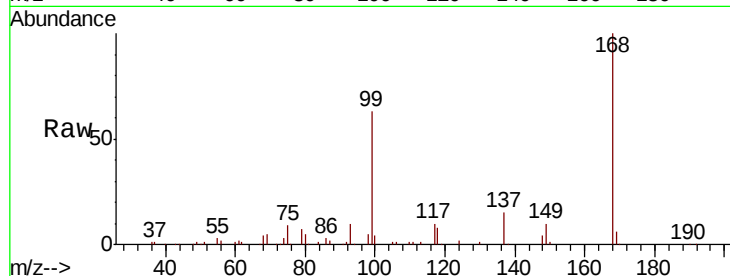
TP-2

Tot Ion:168 Resp: 646062

Ion Ratio Lower Upper

168 100

99 63.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

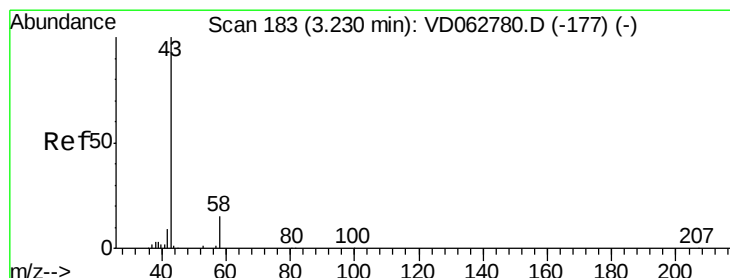
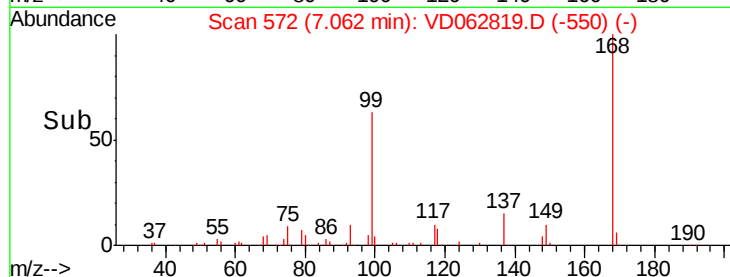
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 17.744 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062819.D

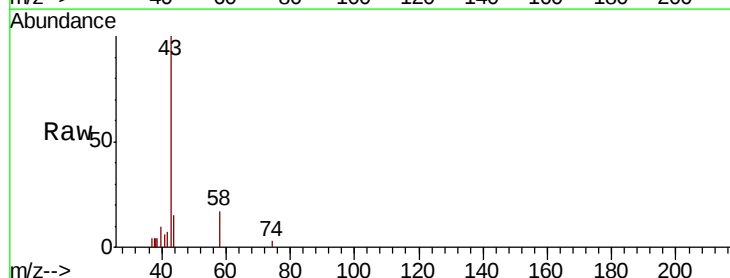
Acq: 21 Jun 2019 16:31

Tgt Ion: 43 Resp: 34525

Ion Ratio Lower Upper

43 100

58 17.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

12000

10000

8000

6000

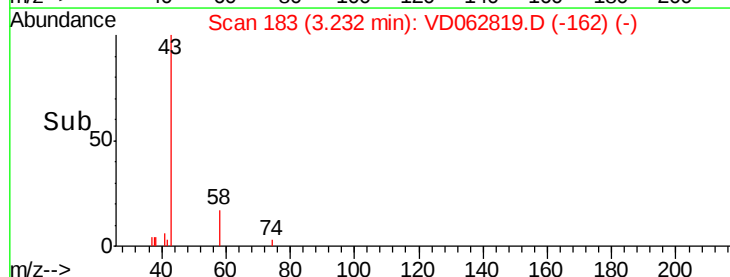
4000

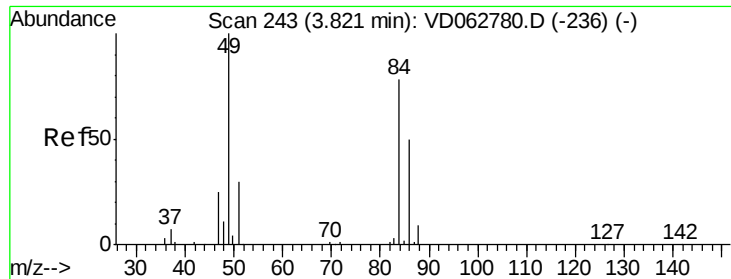
2000

0

Time-->

3.10 3.20 3.30 3.40

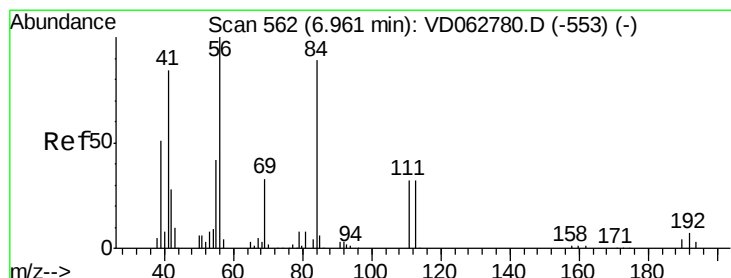
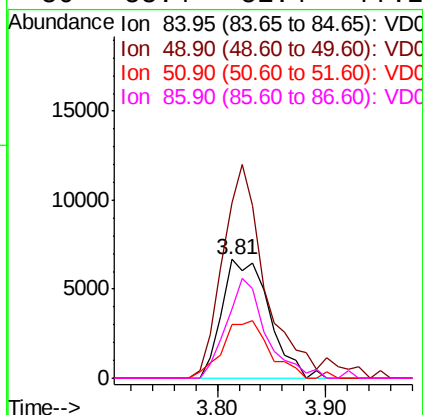
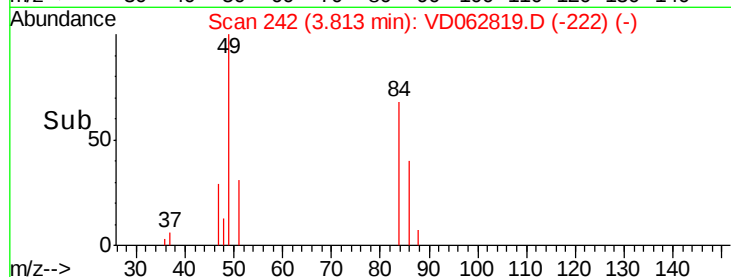
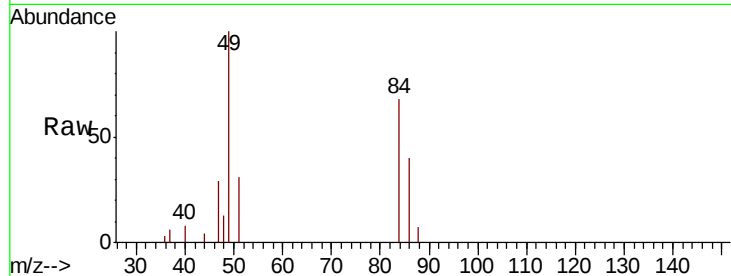




#20
Methylene Chloride
Concen: 3.775 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062819.D
Acq: 21 Jun 2019 16:31

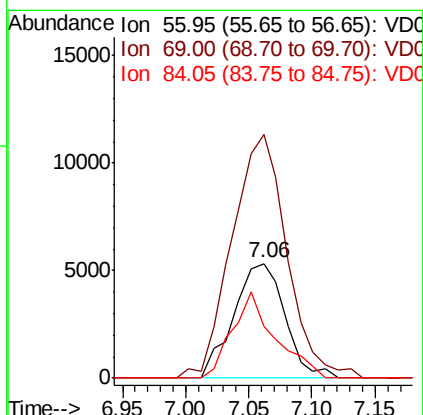
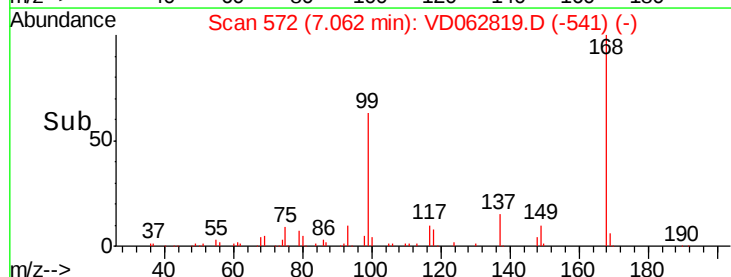
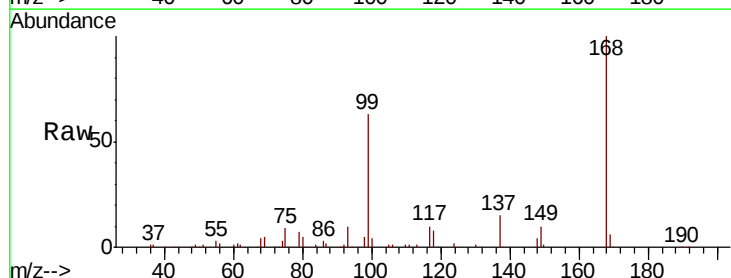
Instrument :
MSVOA_D
ClientSampleID :
TP-2

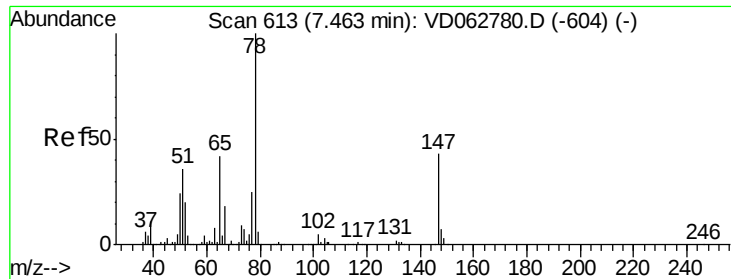
Tot Ion:	84	Resp:	20216
Ion	Ratio	Lower	Upper
84	100		
49	147.8	102.9	154.3
51	45.6	31.2	46.8
86	58.4	51.4	77.2



#31
Cyclohexane
Concen: 2.287 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD062819.D
Acq: 21 Jun 2019 16:31

Tgt Ion:	56	Resp:	15082
Ion	Ratio	Lower	Upper
56	100		
69	211.8	26.6	39.8#
84	45.0	75.5	113.3#





#33

1,2-Dichloroethane-d4

Concen: 57.701 ug/l

RT: 7.47 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

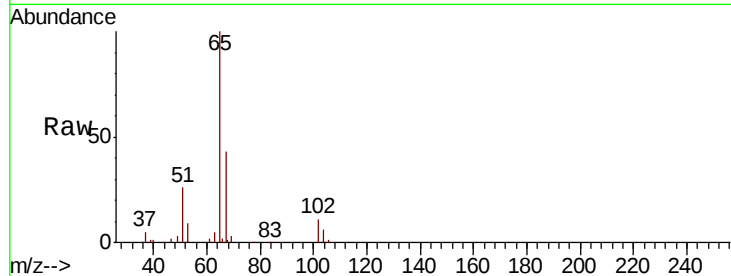
TP-2

Tot Ion: 65 Resp: 405209

Ion Ratio Lower Upper

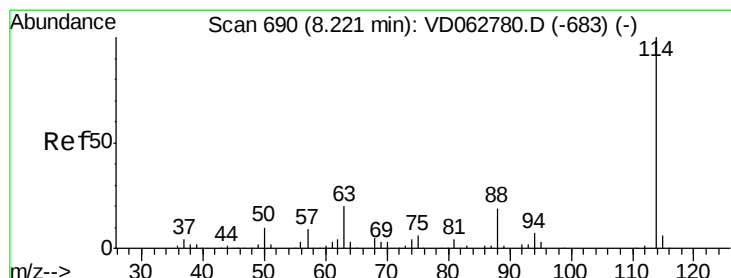
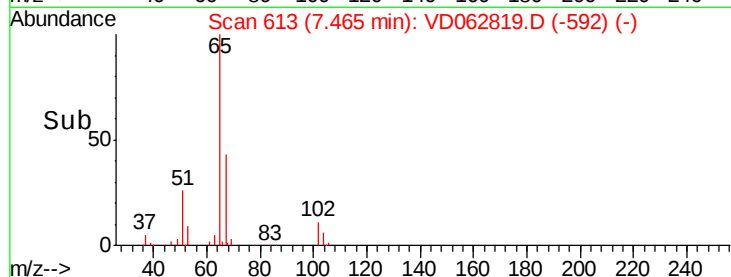
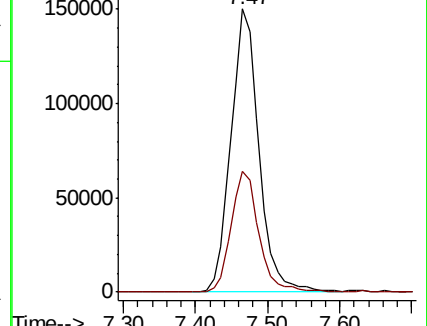
65 100

67 42.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

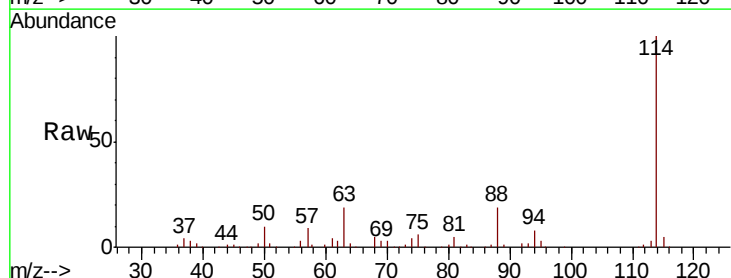
Tgt Ion: 114 Resp: 834707

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

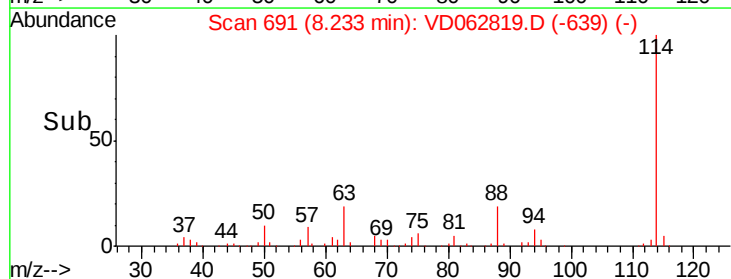
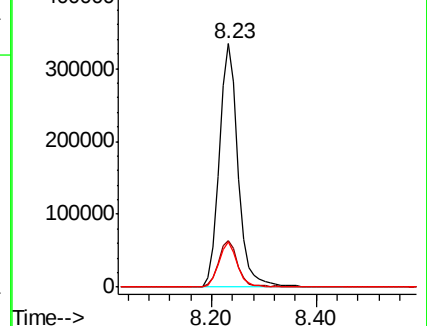
88 18.8 0.0 38.8

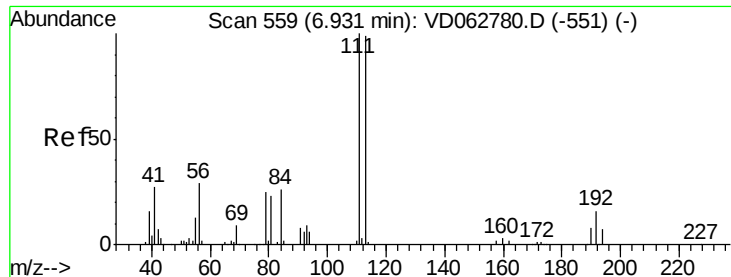


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

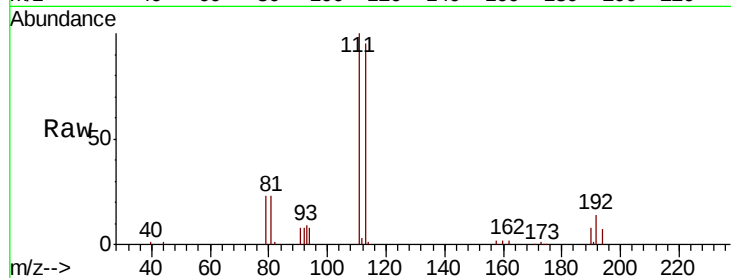




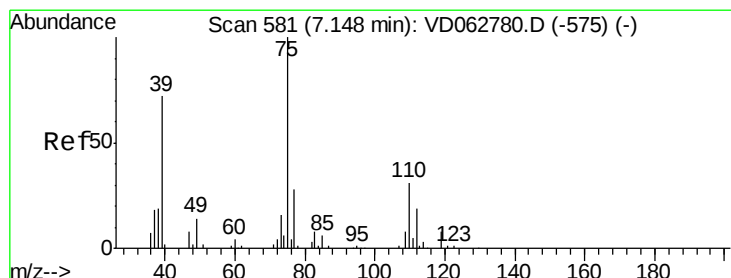
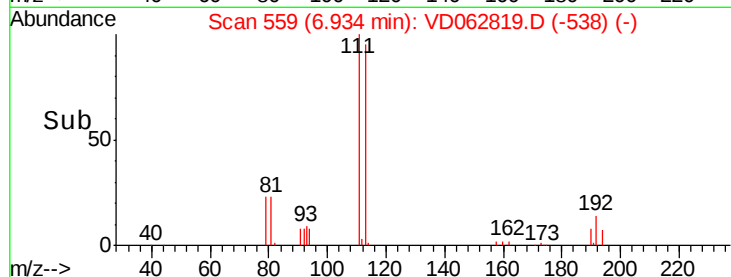
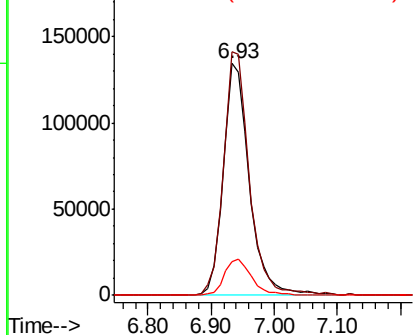
#35
 Dibromofluoromethane
 Concen: 54.894 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD062819.D
 Acq: 21 Jun 2019 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.2	121.8
192	14.5	12.9	19.3

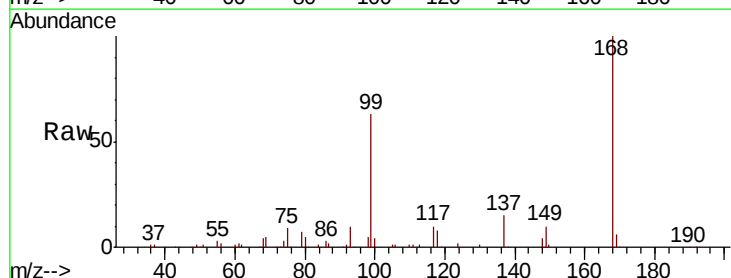


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

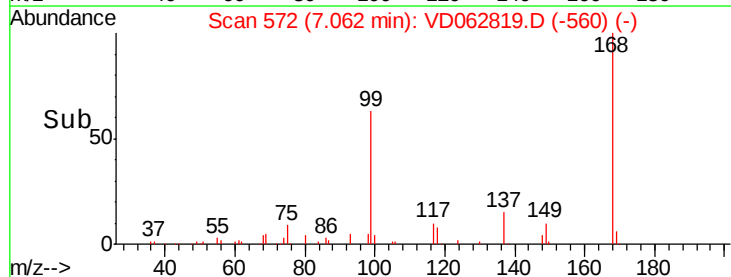
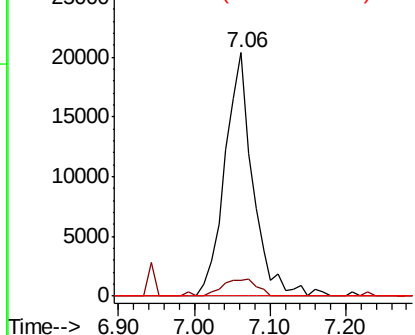


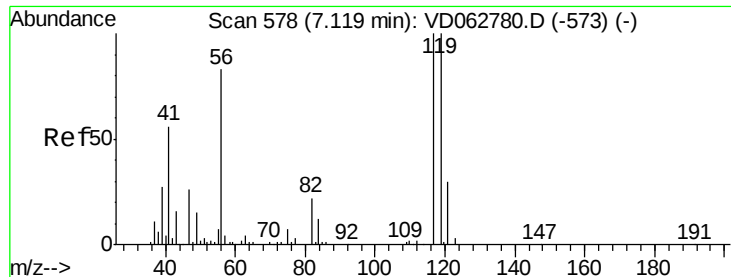
#36
 1,1-Dichloropropene
 Concen: 6.593 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD062819.D
 Acq: 21 Jun 2019 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.6	15.0	45.1#
77	0.0	22.2	33.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.705 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

TP-2

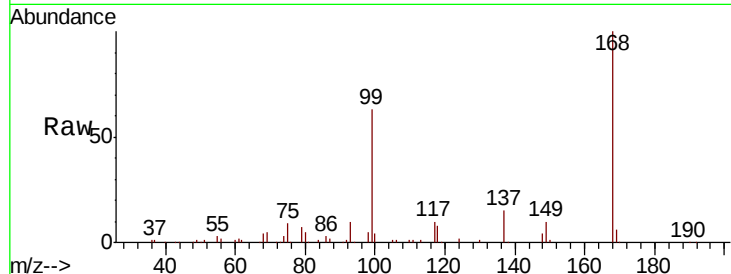
Tot Ion:117 Resp: 67797

Ion Ratio Lower Upper

117 100

119 2.0 75.4 113.2#

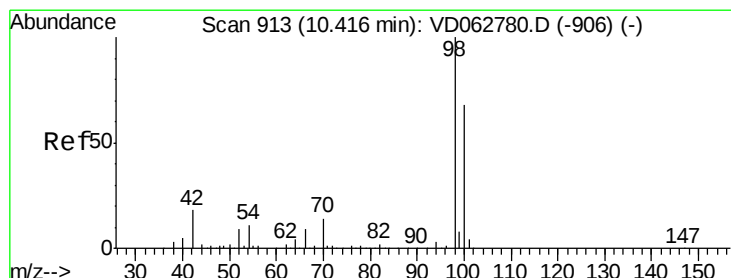
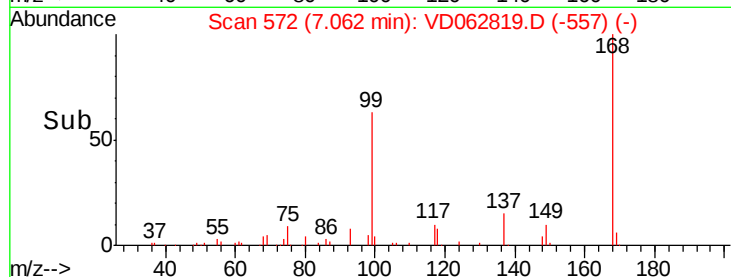
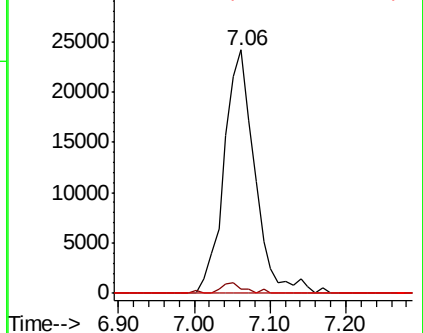
121 0.0 22.3 33.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 53.095 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062819.D

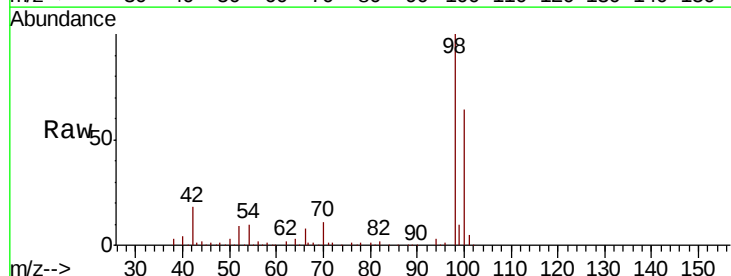
Acq: 21 Jun 2019 16:31

Tgt Ion: 98 Resp: 813335

Ion Ratio Lower Upper

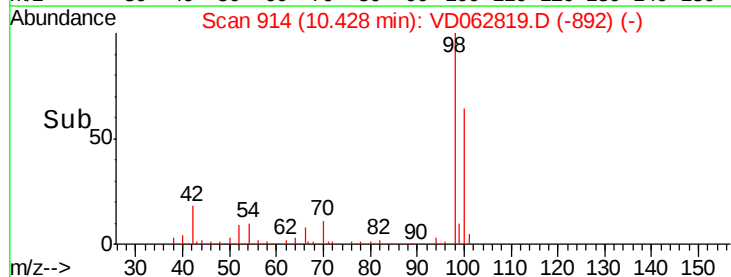
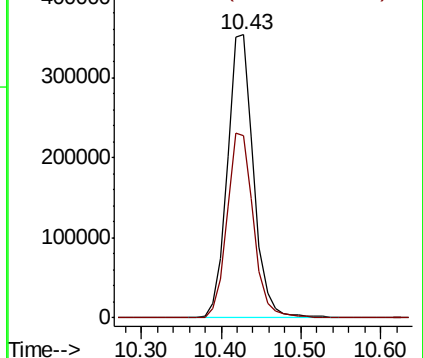
98 100

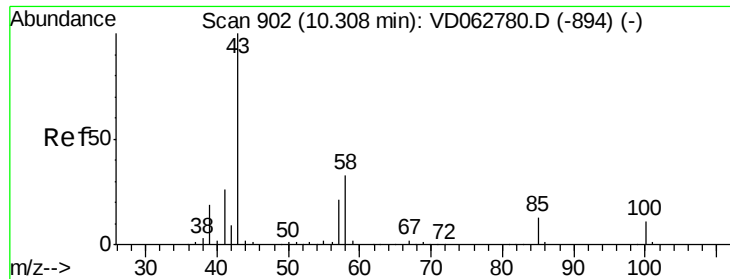
100 64.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.991 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.12 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

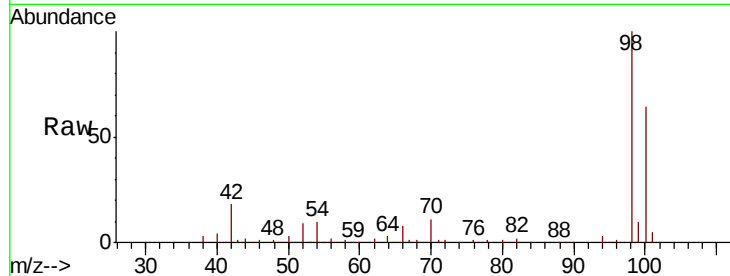
TP-2

Tot Ion: 43 Resp: 5847

Ion Ratio Lower Upper

43 100

58 122.6 26.6 40.0#

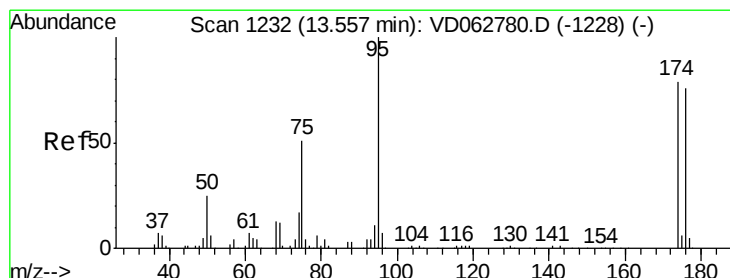
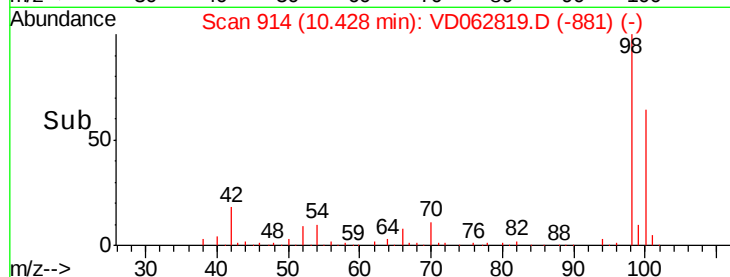


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.43

Time-->



#62

4-Bromofluorobenzene

Concen: 52.539 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062819.D

Acq: 21 Jun 2019 16:31

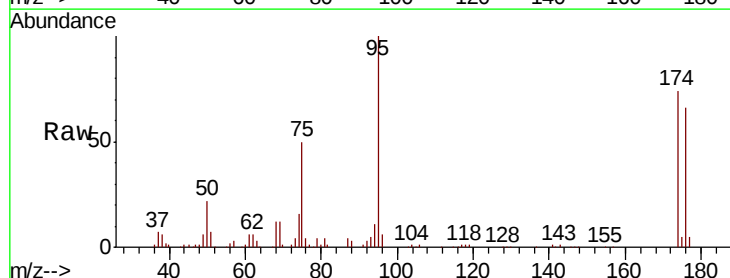
Tgt Ion: 95 Resp: 365951

Ion Ratio Lower Upper

95 100

174 73.9 0.0 158.0

176 65.9 0.0 151.6



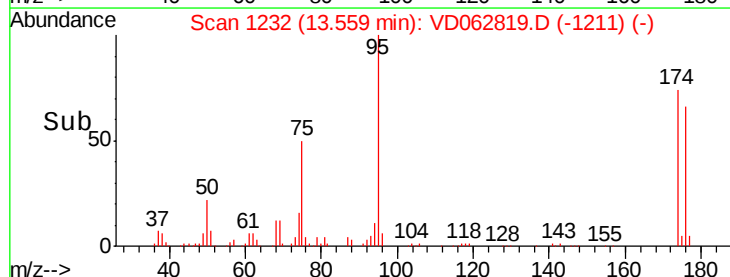
Abundance Ion 95.00 (94.70 to 95.70): VDC

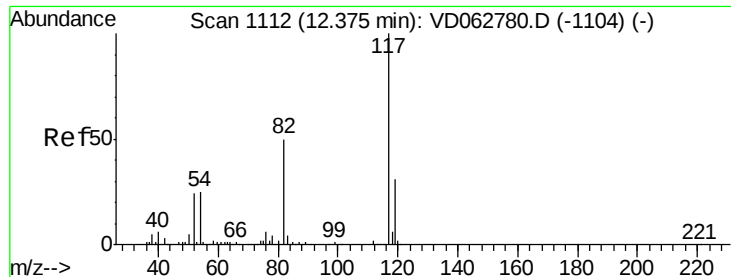
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

13.56

Time-->

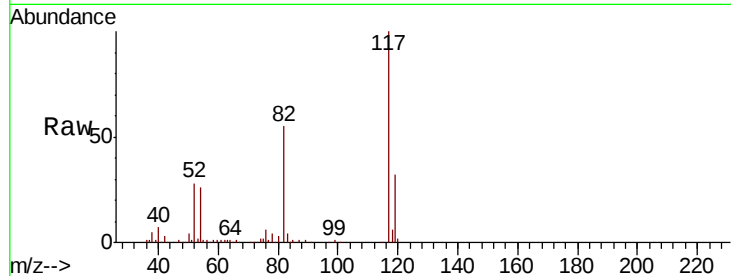




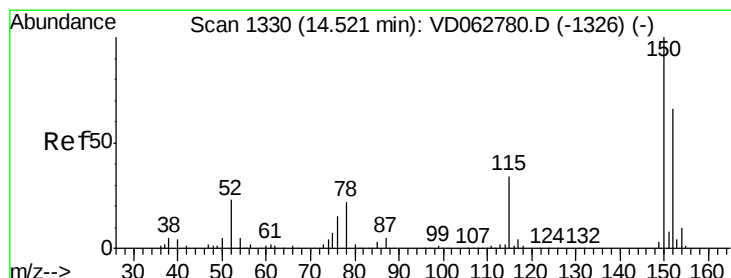
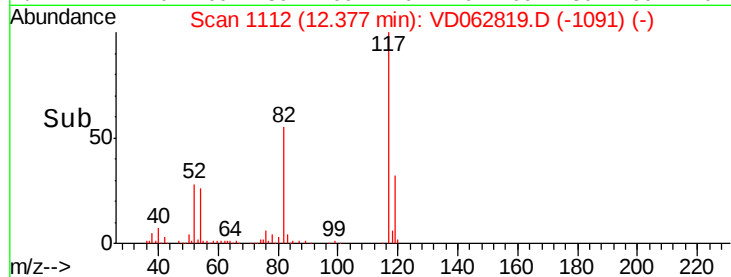
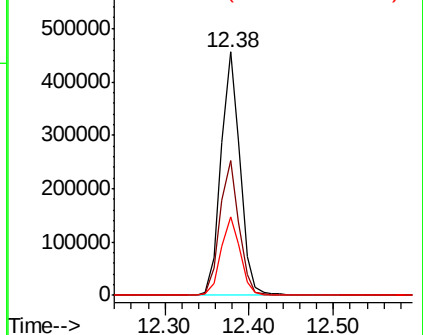
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062819.D
Acq: 21 Jun 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion:117 Resp: 716343
Ion Ratio Lower Upper
117 100
82 55.2 40.4 60.6
119 32.3 25.2 37.8

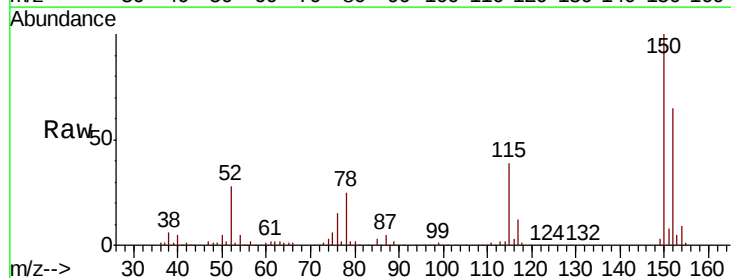


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

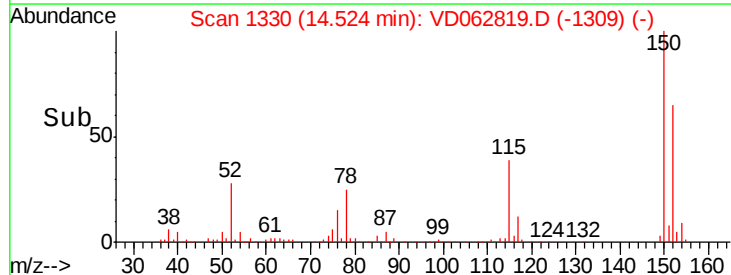
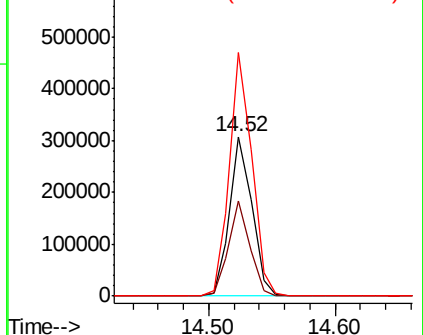


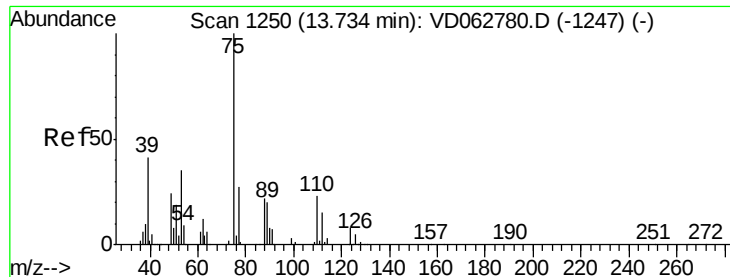
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062819.D
Acq: 21 Jun 2019 16:31

Tgt Ion:152 Resp: 375696
Ion Ratio Lower Upper
152 100
115 59.9 29.2 87.6
150 152.8 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

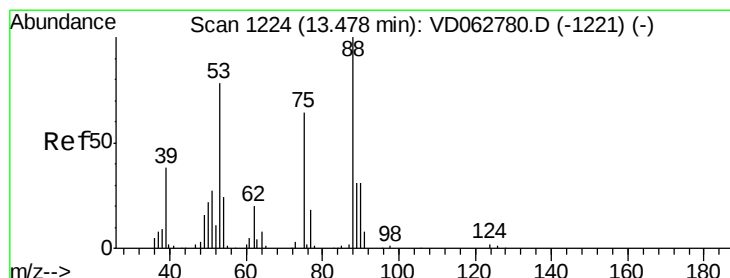
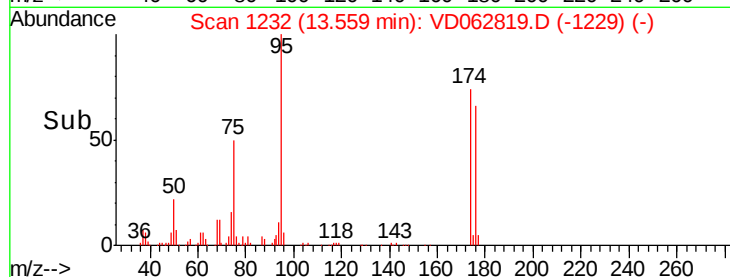
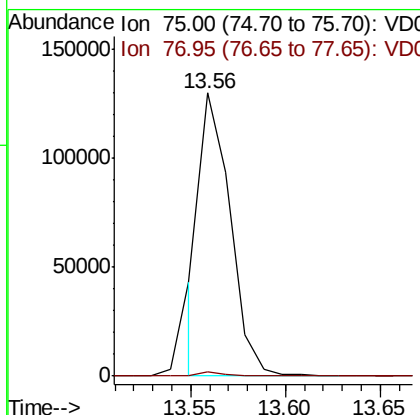
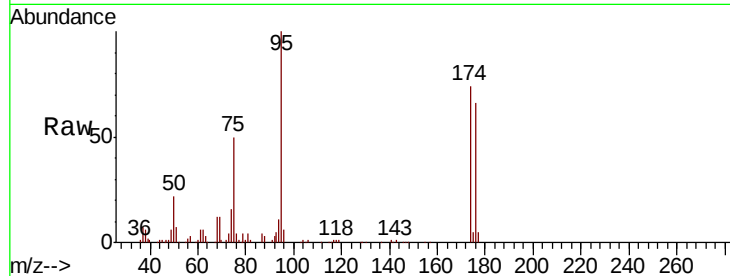




#76
 1,2,3-Trichloropropane
 Concen: 33.734 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.18 min
 Lab File: VD062819.D
 Acq: 21 Jun 2019 16:31

Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

Tot Ion: 75 Resp: 146310
 Ion Ratio Lower Upper
 75 100
 77 1.4 15.0 45.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.576 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD062819.D
 Acq: 21 Jun 2019 16:31

Tgt Ion: 75 Resp: 173433
 Ion Ratio Lower Upper
 75 100
 53 0.0 97.8 146.8#
 89 0.0 39.4 59.2#

