

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062306.D
 Acq On : 13 May 2019 15:54
 Operator : FY/SY
 Sample : K2734-03
 Misc : 4.14g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-01

Quant Time: May 14 05:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	555287	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	677843	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	445413	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	128389	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	268507	52.03	ug/l	0.05
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	6.94	113	313678	55.77	ug/l	0.05
Spiked Amount 50.000			Recovery	=	111.54%	
50) Toluene-d8	10.43	98	552834	40.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.54%	
62) 4-Bromofluorobenzene	13.57	95	156080	28.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.32%	

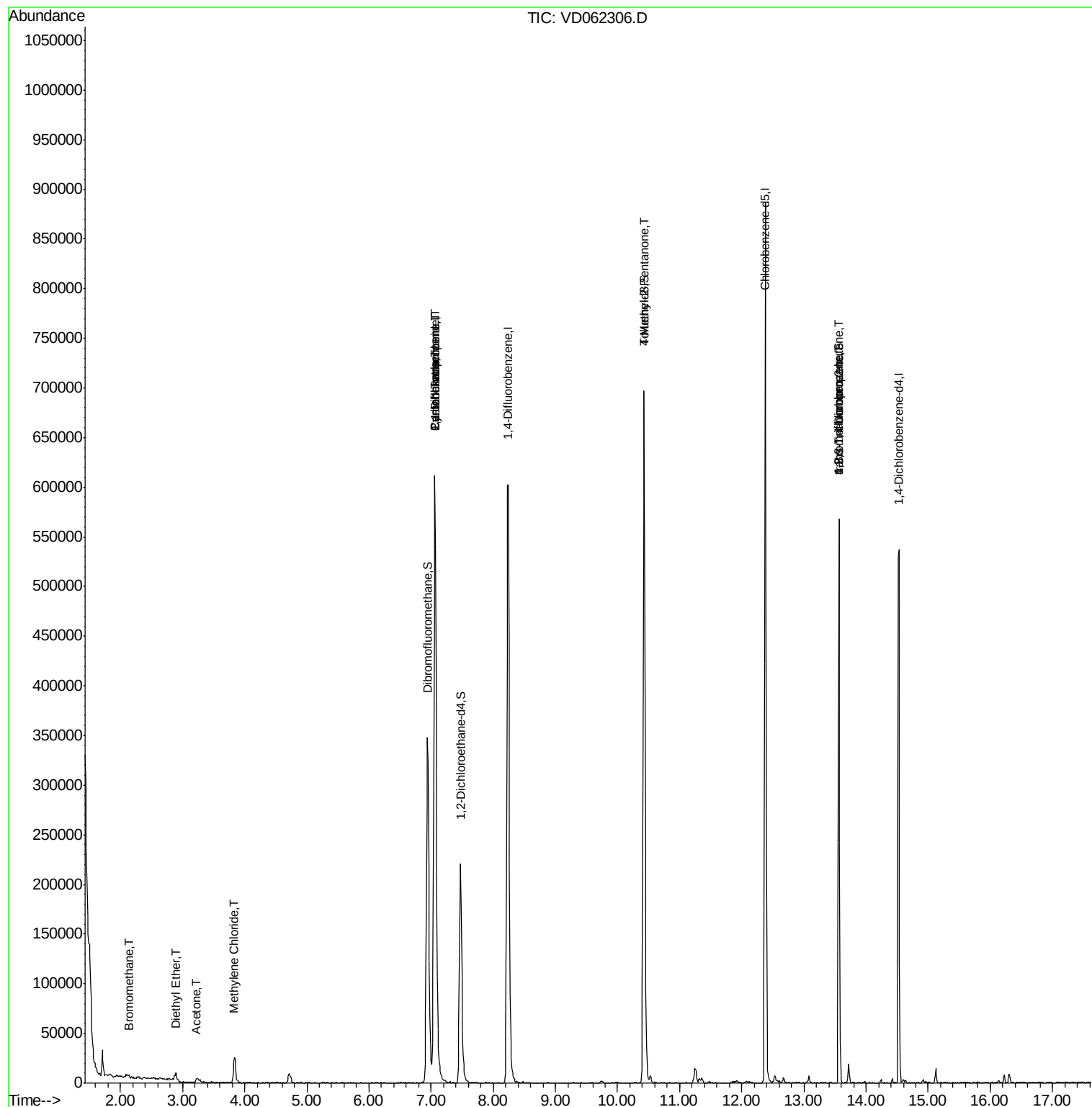
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1314	1.487	ug/l #	12
8) Diethyl Ether	2.89	74	2134	1.509	ug/l #	42
16) Acetone	3.23	43	9884	9.133	ug/l #	77
20) Methylene Chloride	3.84	84	15755	3.487	ug/l	98
31) Cyclohexane	7.07	56	13375	2.470	ug/l #	14
36) 1,1-Dichloropropene	7.06	75	48505	8.728	ug/l #	47
38) Carbon Tetrachloride	7.06	117	57554	7.482	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	2634	1.226	ug/l #	1
76) 1,2,3-Trichloropropane	13.57	75	67363	44.149	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	71645	166.329	ug/l #	16

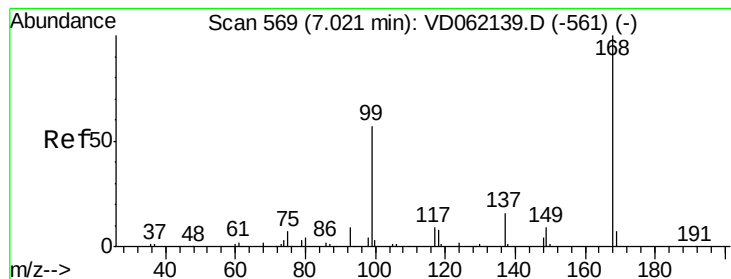
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
Data File : VD062306.D
Acq On : 13 May 2019 15:54
Operator : FY/SY
Sample : K2734-03
Misc : 4.14g/5mL/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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Quant Time: May 14 05:10:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
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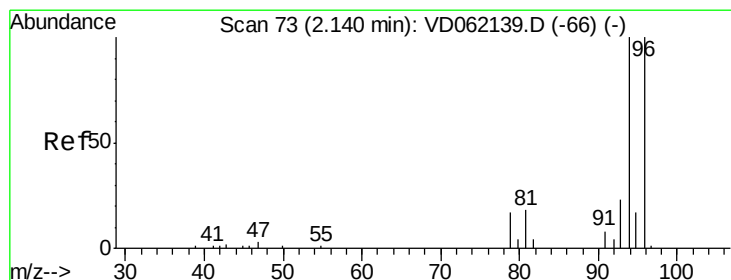
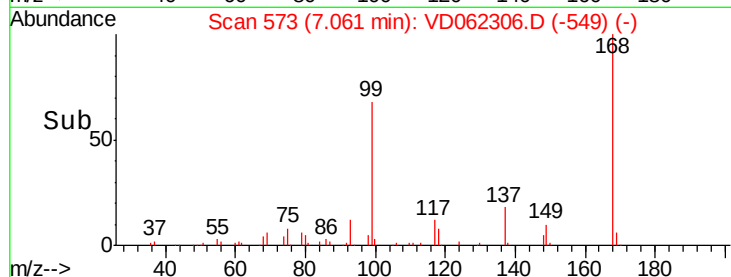
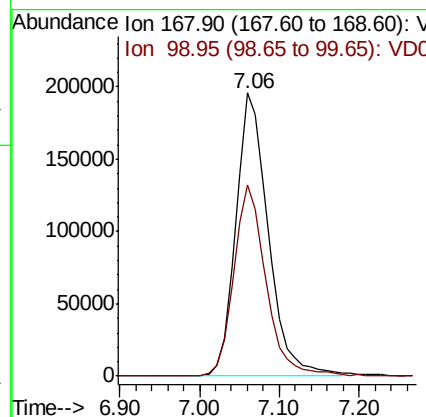
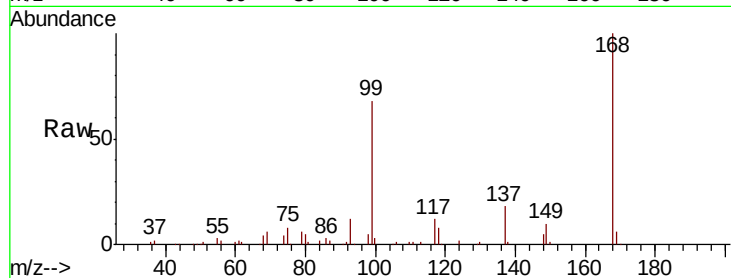




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

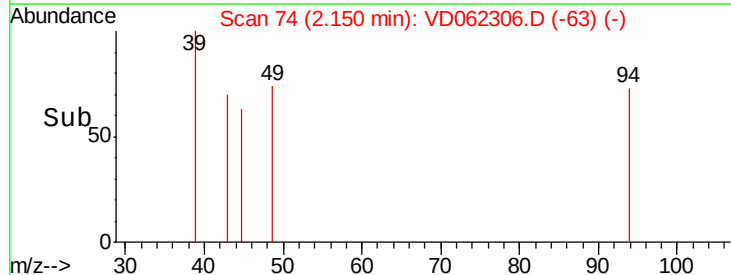
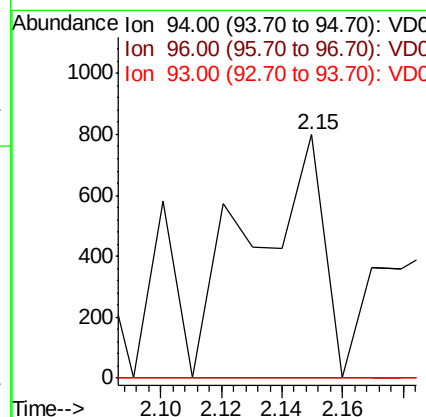
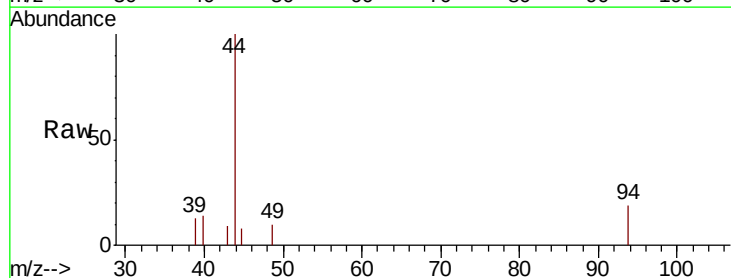
Instrument :
MSVOA_D
ClientSampleId :
P026-SS012-0002-01

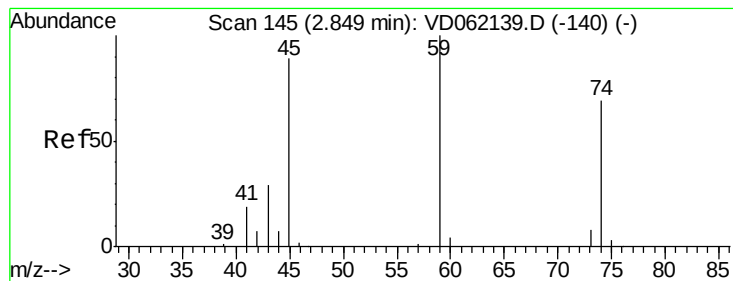
Tot Ion:168 Resp: 555287
Ion Ratio Lower Upper
168 100
99 67.7 46.5 69.7



#5
Bromomethane
Concen: 1.487 ug/l
RT: 2.15 min Scan# 74
Delta R.T. 0.01 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

Tgt Ion: 94 Resp: 1314
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#8

Diethyl Ether

Concen: 1.509 ug/l

RT: 2.89 min Scan# 149

Delta R.T. 0.04 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

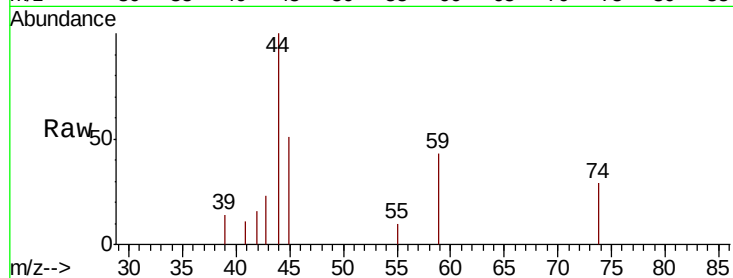
P026-SS012-0002-01

Tot Ion: 74 Resp: 2134

Ion Ratio Lower Upper

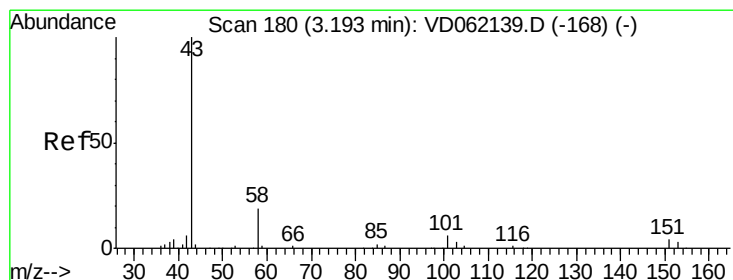
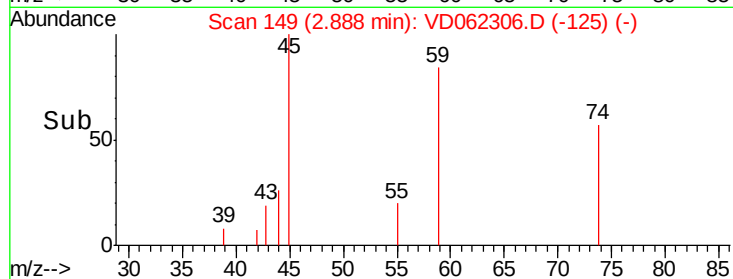
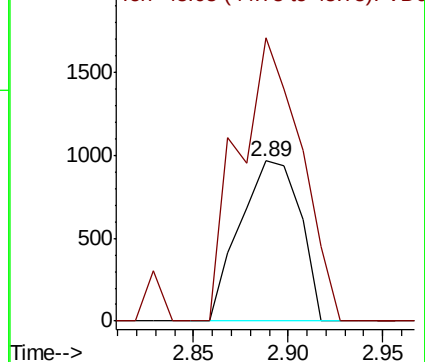
74 100

45 176.8 56.9 170.7#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#16

Acetone

Concen: 9.133 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062306.D

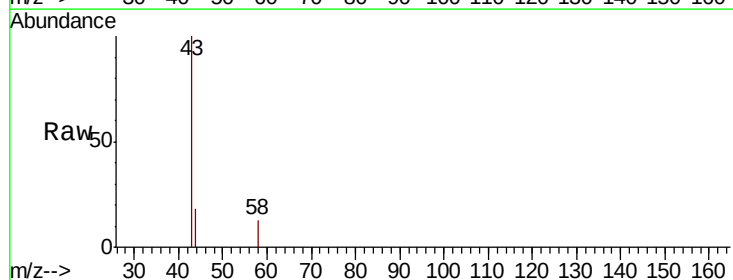
Acq: 13 May 2019 15:54

Tgt Ion: 43 Resp: 9884

Ion Ratio Lower Upper

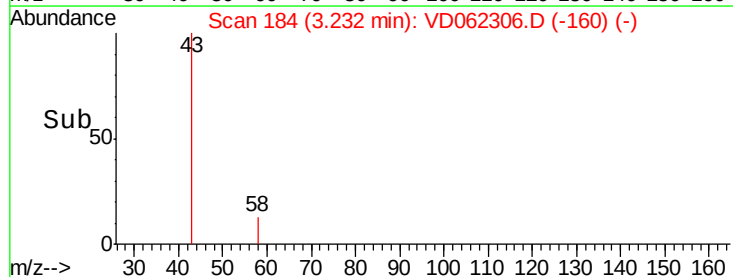
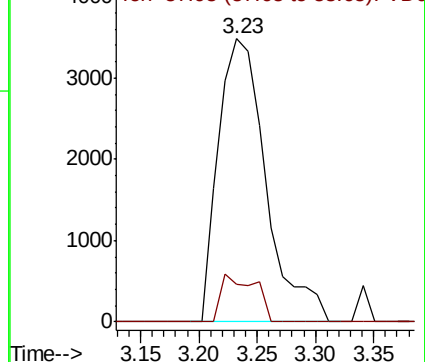
43 100

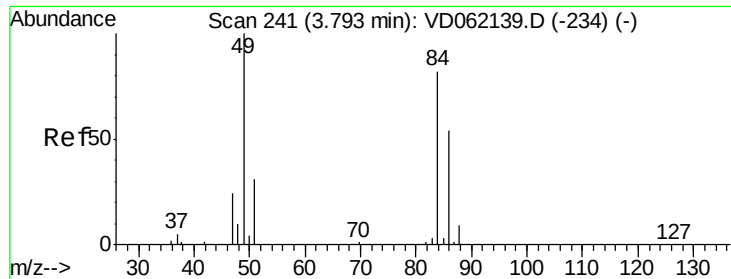
58 13.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

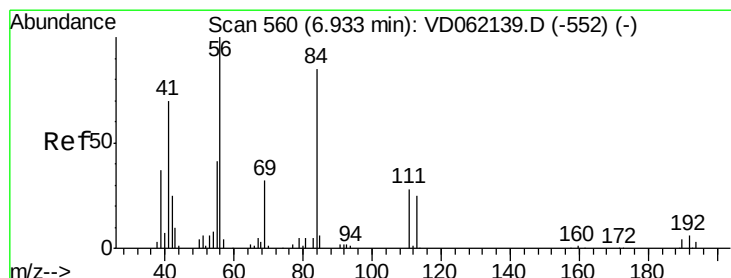
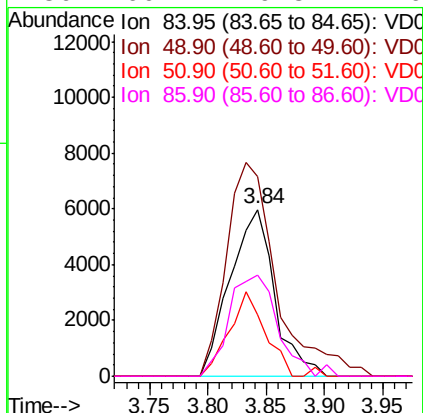
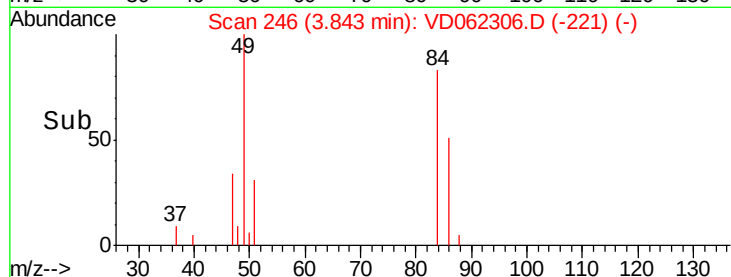
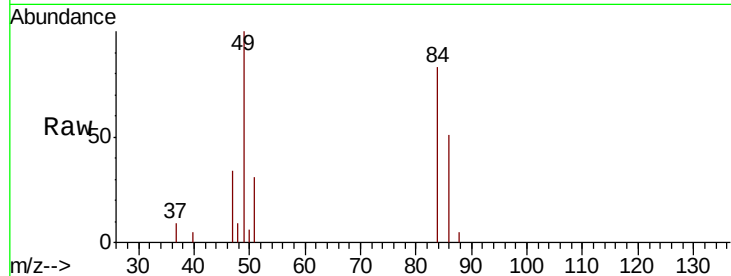




#20
Methylene Chloride
Concen: 3.487 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.05 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

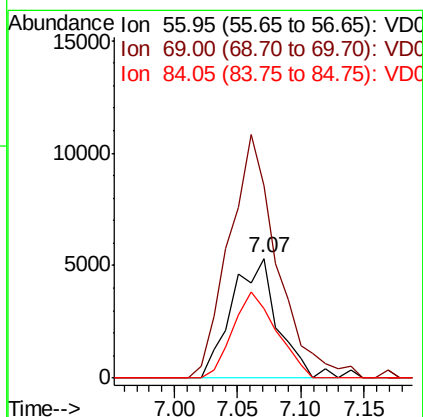
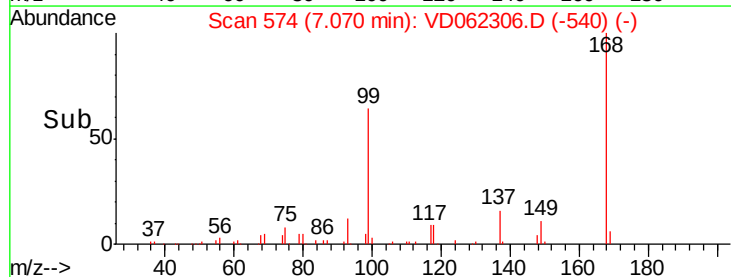
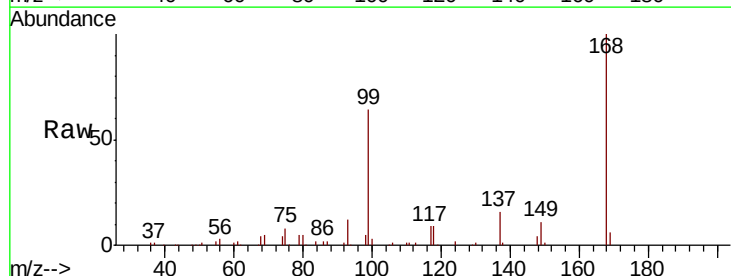
Instrument :
MSVOA_D
ClientSampleId :
P026-SS012-0002-01

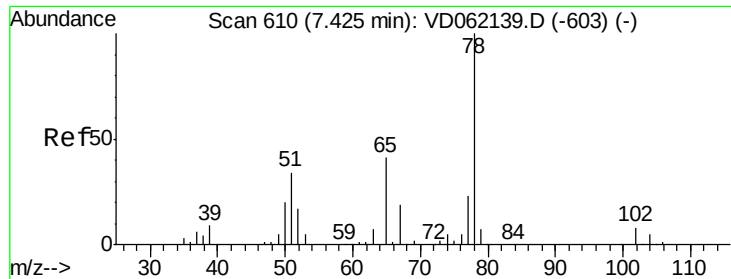
Tot Ion: 84 Resp: 15755
Ion Ratio Lower Upper
84 100
49 119.9 94.0 141.0
51 37.2 29.0 43.4
86 60.7 49.8 74.6



#31
Cyclohexane
Concen: 2.470 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.14 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

Tgt Ion: 56 Resp: 13375
Ion Ratio Lower Upper
56 100
69 161.4 25.8 38.6#
84 57.7 72.2 108.4#

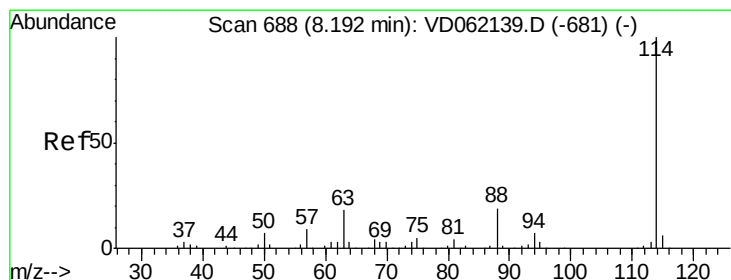
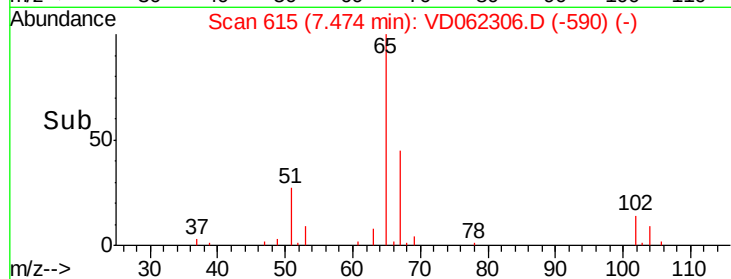
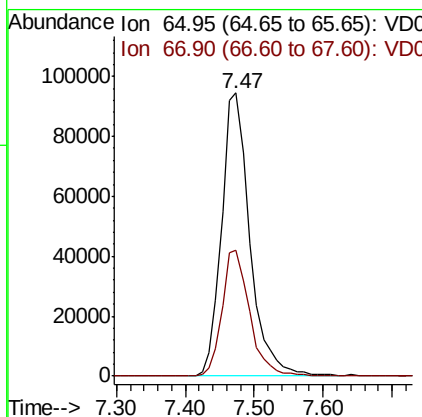
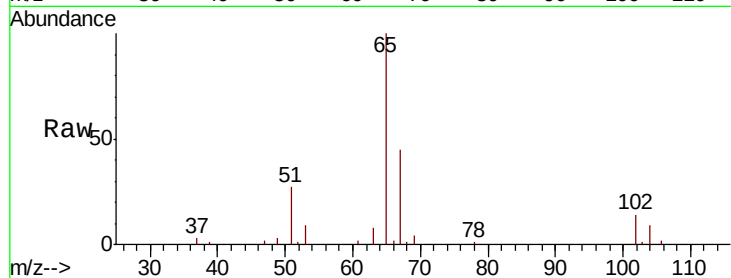




#33
 1,2-Dichloroethane-d4
 Concen: 52.033 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

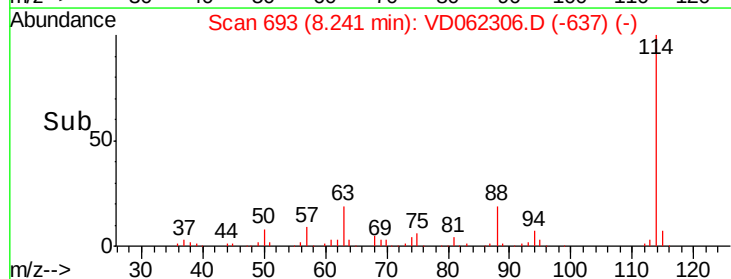
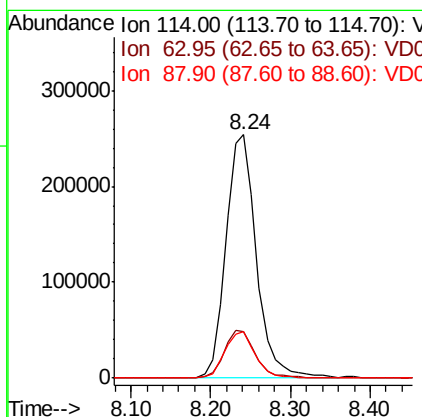
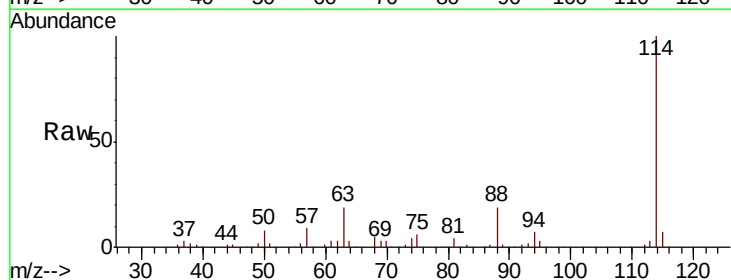
Instrument :
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 ClientSampleId :
 P026-SS012-0002-01

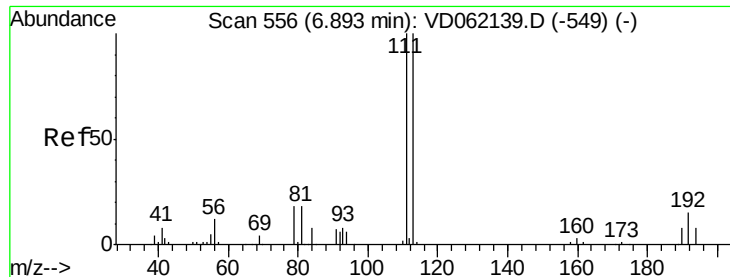
Tot Ion: 65 Resp: 268507
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

Tgt Ion: 114 Resp: 677843
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 32.4
 88 18.9 0.0 33.6

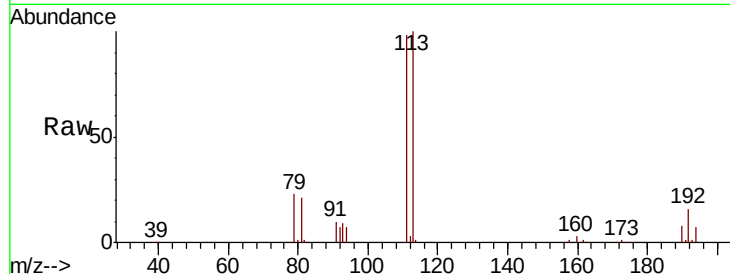




#35
 Dibromofluoromethane
 Concen: 55.773 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS012-0002-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.7	78.5	117.7
192	16.2	13.0	19.4

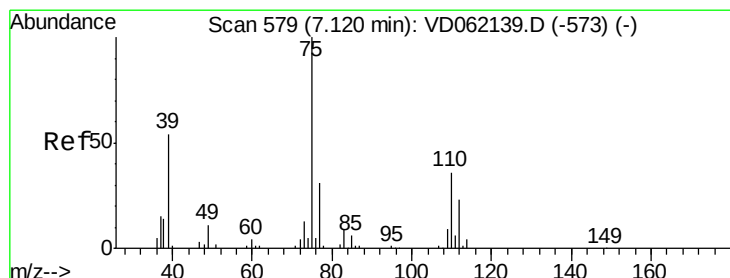
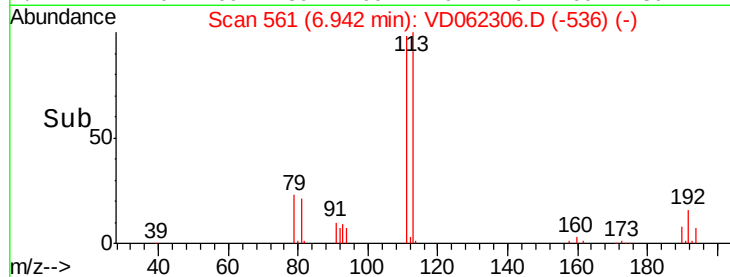
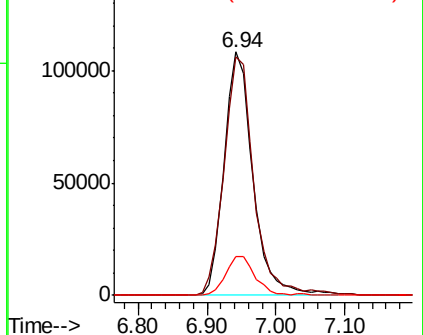


Abundance

Ion 112.90 (112.60 to 113.60): V

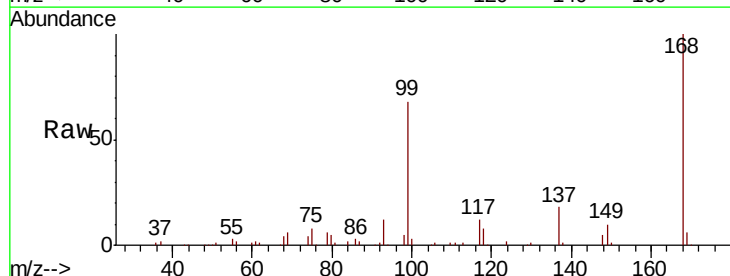
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36
 1,1-Dichloropropene
 Concen: 8.728 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062306.D
 Acq: 13 May 2019 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.1#
77	0.0	25.6	38.4#

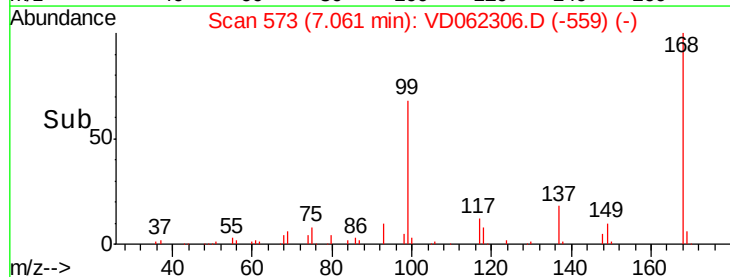
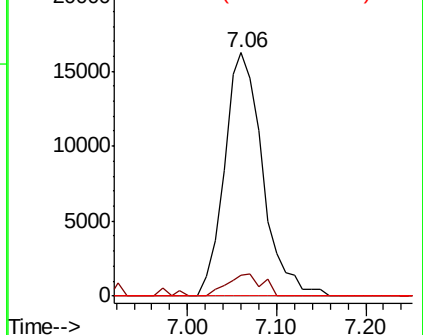


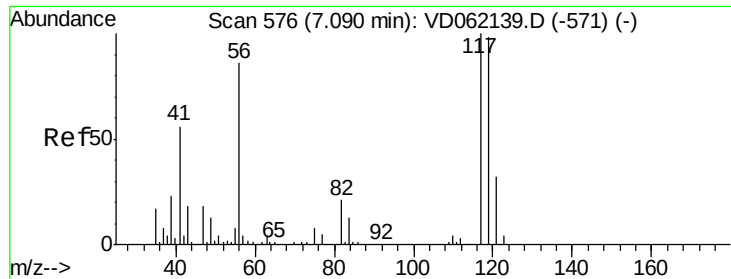
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

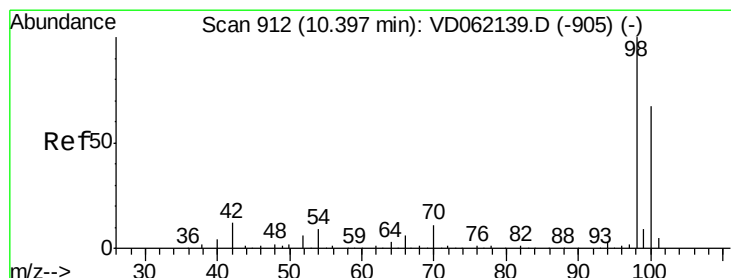
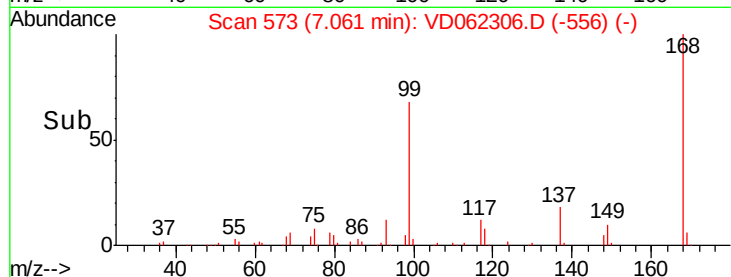
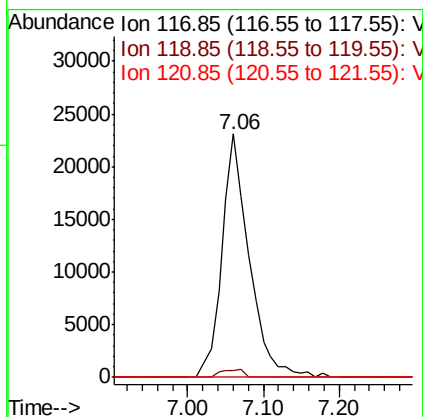
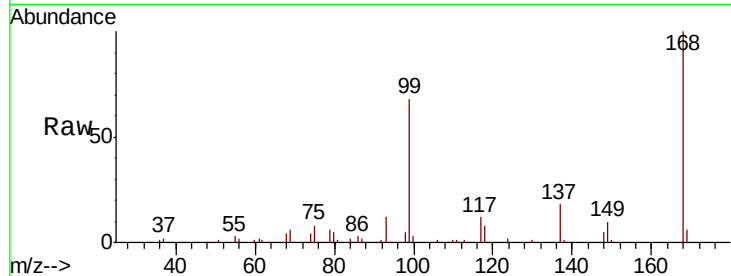




#38
Carbon Tetrachloride
Concen: 7.482 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

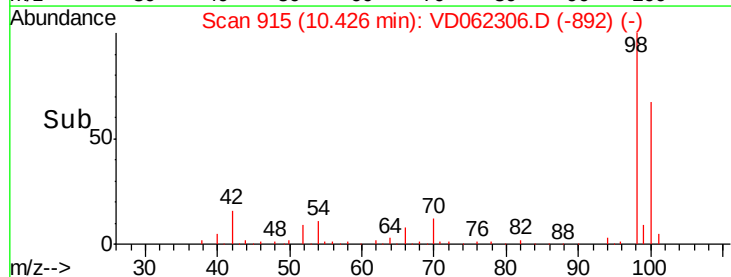
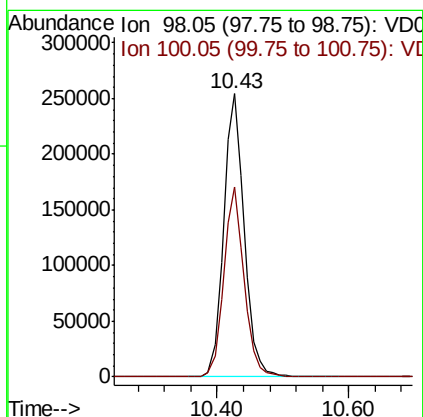
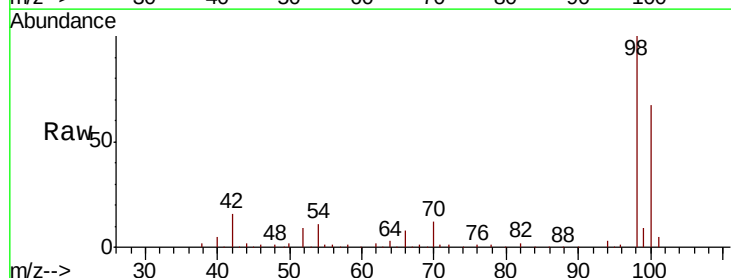
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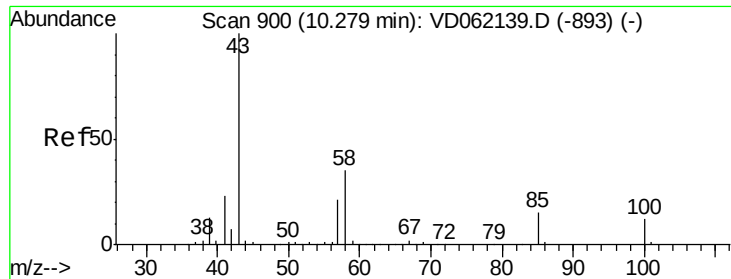
Tot Ion:117 Resp: 57554
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 40.769 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

Tgt Ion: 98 Resp: 552834
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 1.226 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.14 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

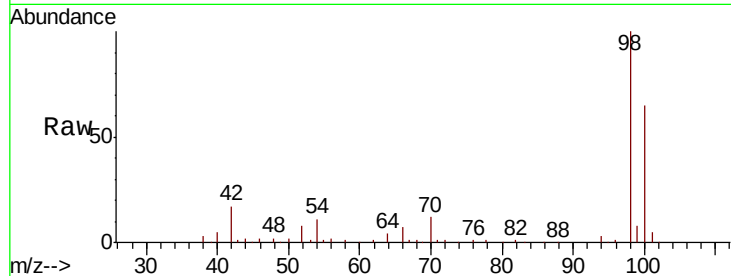
P026-SS012-0002-01

Tot Ion: 43 Resp: 2634

Ion Ratio Lower Upper

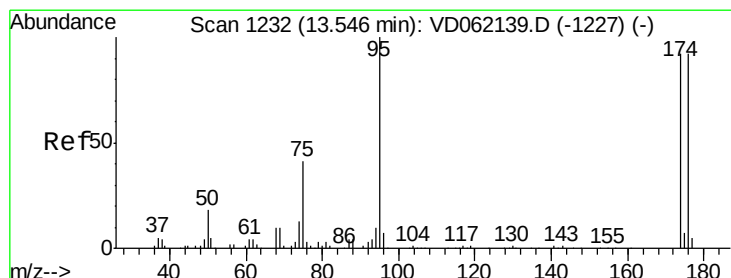
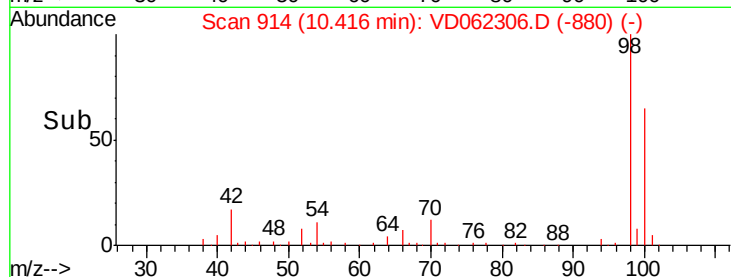
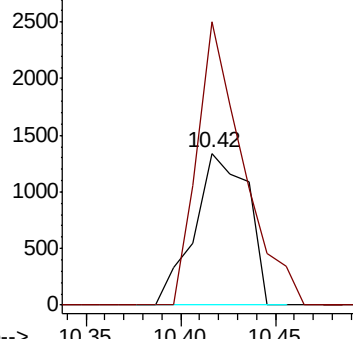
43 100

58 186.4 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 28.663 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

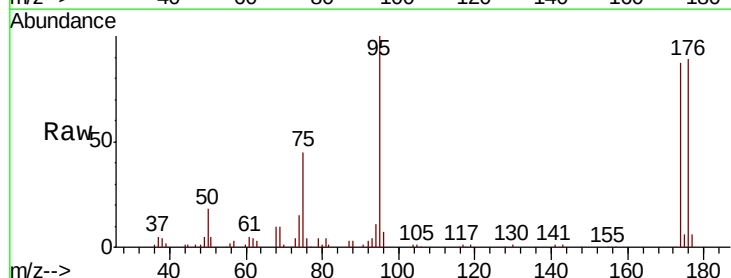
Tgt Ion: 95 Resp: 156080

Ion Ratio Lower Upper

95 100

174 87.0 0.0 181.8

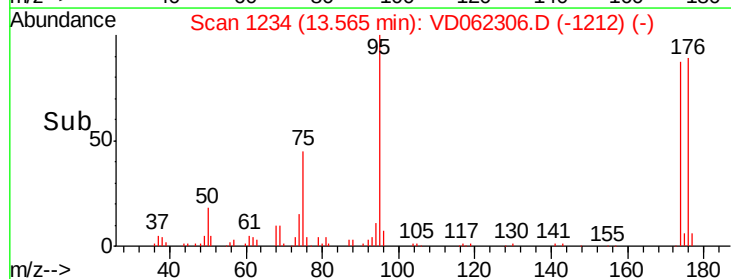
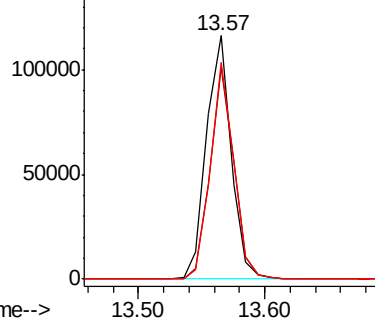
176 88.8 0.0 174.4

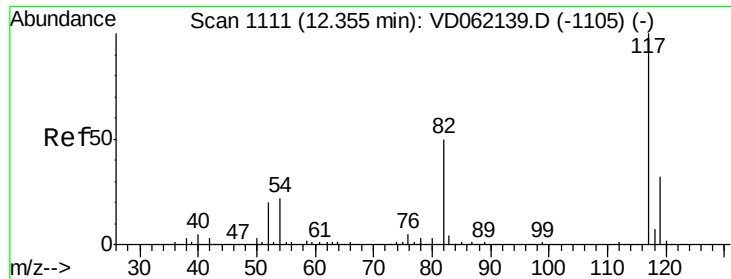


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

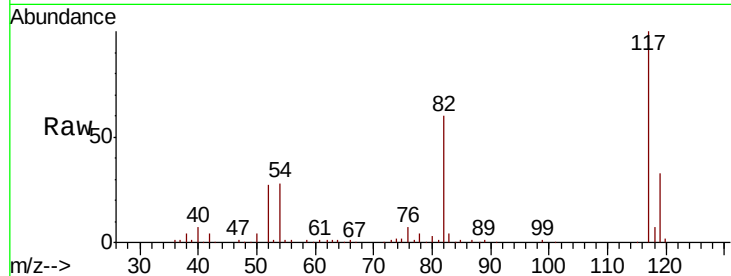




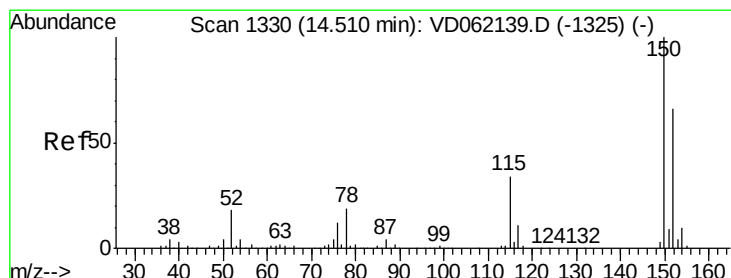
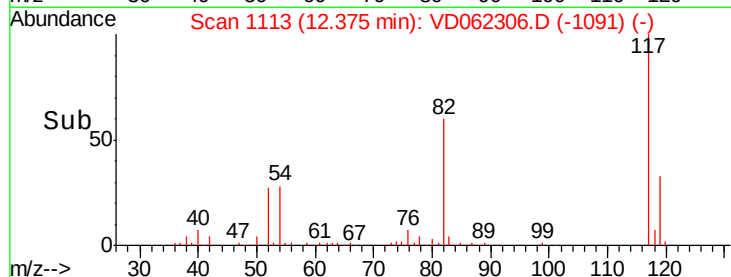
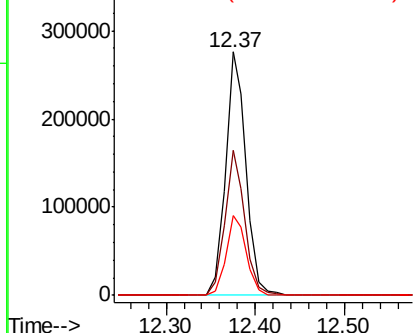
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
P026-SS012-0002-01

Tot Ion:117 Resp: 445413
Ion Ratio Lower Upper
117 100
82 59.7 36.2 54.2#
119 33.0 26.2 39.4

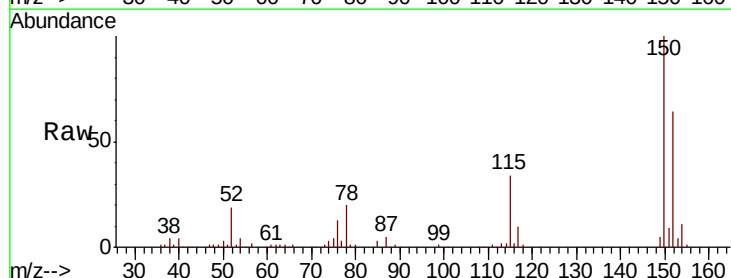


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

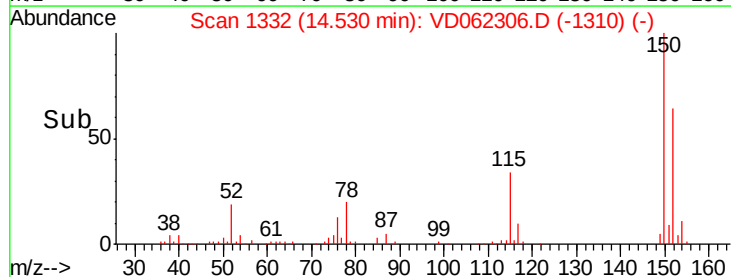
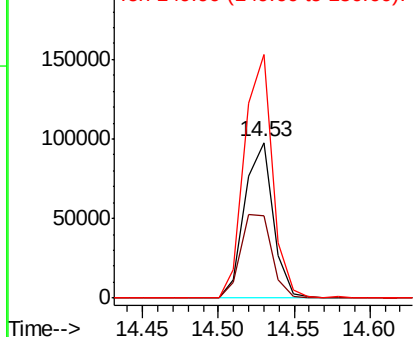


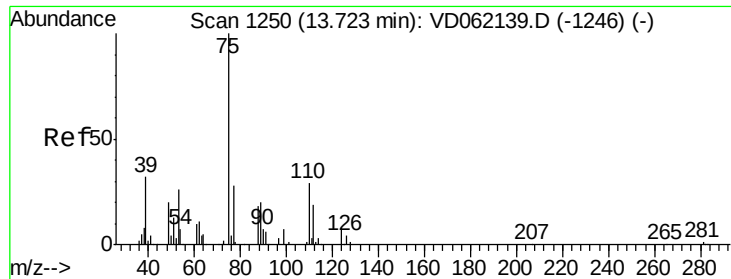
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062306.D
Acq: 13 May 2019 15:54

Tgt Ion:152 Resp: 128389
Ion Ratio Lower Upper
152 100
115 52.7 30.9 92.7
150 156.3 0.0 314.8



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: 44.149 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

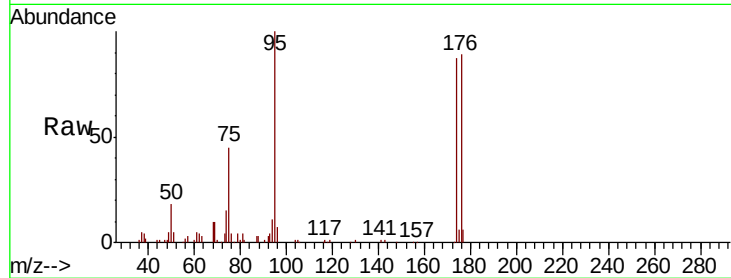
P026-SS012-0002-01

Tot Ion: 75 Resp: 67363

Ion Ratio Lower Upper

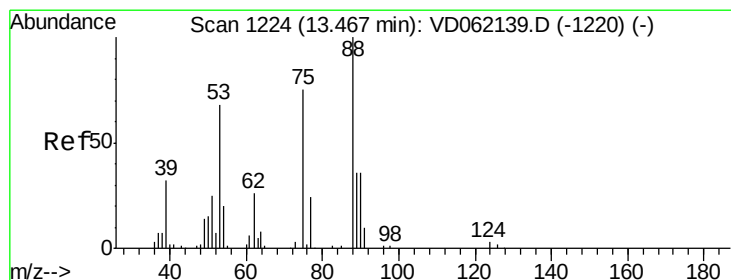
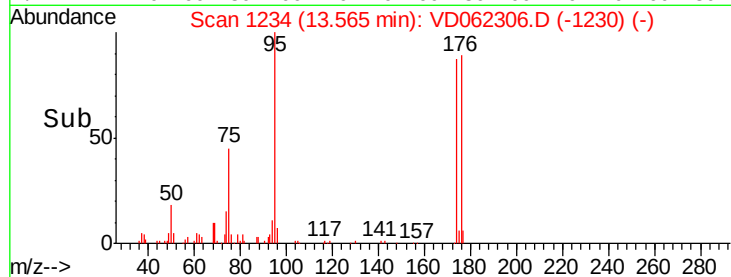
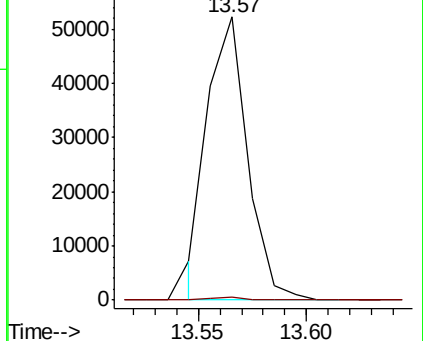
75 100

77 1.1 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 166.329 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062306.D

Acq: 13 May 2019 15:54

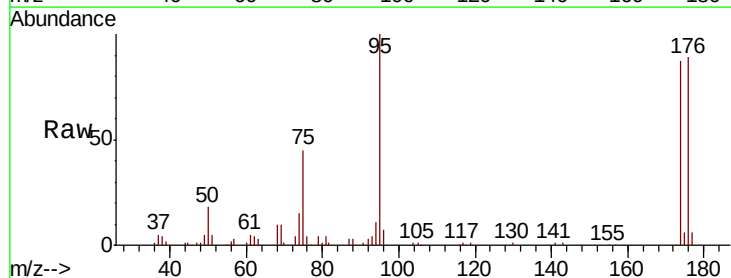
Tgt Ion: 75 Resp: 71645

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

