

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062216.D
 Acq On : 10 May 2019 15:31
 Operator : FY/SY
 Sample : K2717-03RE
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01RE

Quant Time: May 10 23:32:25 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	7.04	168	701085	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1109941	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	819187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	441311	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	453922	69.67	ug/l	0.03
Spiked Amount			Recovery	=	139.34%	
35) Dibromofluoromethane	6.92	113	519151	56.37	ug/l	0.03
Spiked Amount			Recovery	=	112.74%	
50) Toluene-d8	10.41	98	1094484	49.29	ug/l	0.02
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	13.55	95	427703	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

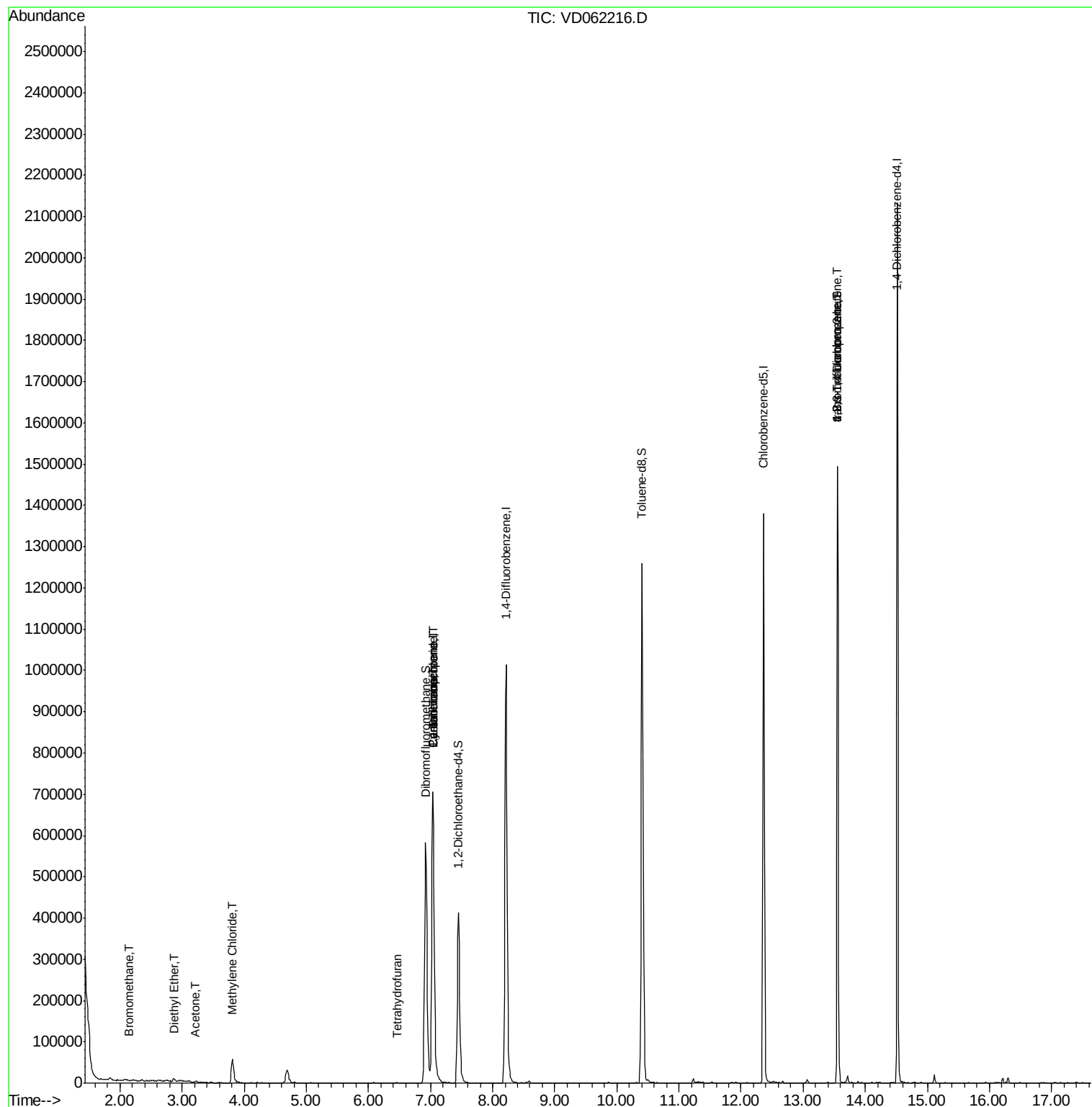
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	2044	1.832	ug/l #	1
8) Diethyl Ether	2.86	74	1992	1.116	ug/l	87
16) Acetone	3.22	43	7240	5.299	ug/l #	71
18) Methyl Acetate	3.63	43	207	Below Cal	#	53
20) Methylene Chloride	3.81	84	40448	7.090	ug/l	92
29) Tetrahydrofuran	6.47	42	730	1.063	ug/l #	30
31) Cyclohexane	7.04	56	14381	2.104	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	53116	5.837	ug/l #	47
38) Carbon Tetrachloride	7.04	117	68846	5.466	ug/l #	16
76) 1,2,3-Trichloropropane	13.55	75	147566	28.137	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.55	75	184364	124.521	ug/l #	16

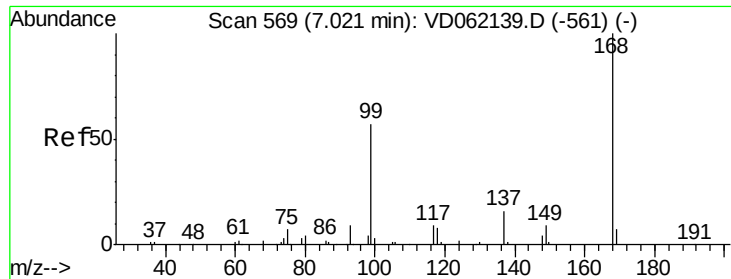
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
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ALS Vial : 12 Sample Multiplier: 1

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Quant Time: May 10 23:32:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

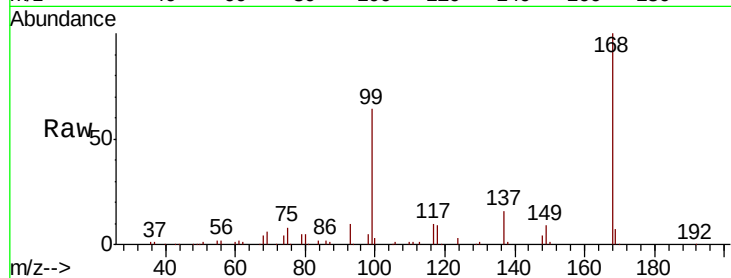
P026-SS001-0612-01RE

Tot Ion:168 Resp: 701085

Ion Ratio Lower Upper

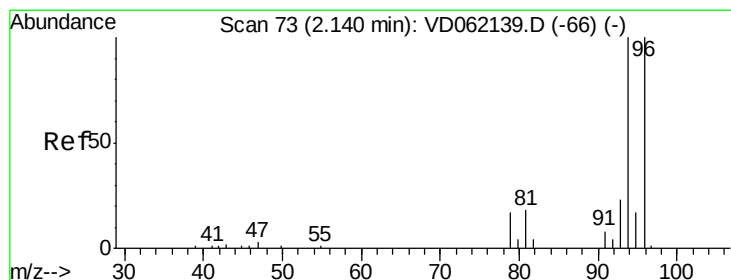
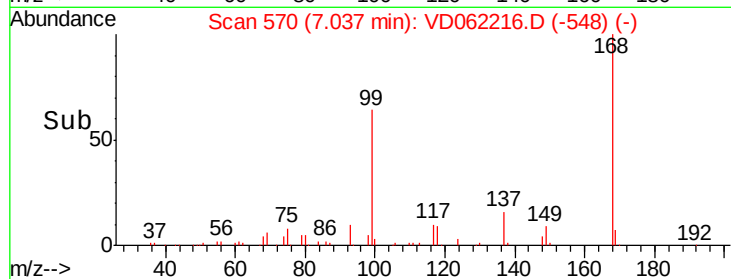
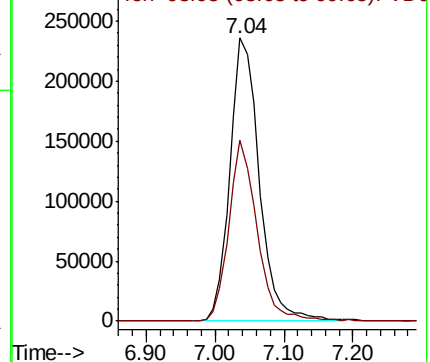
168 100

99 64.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.832 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

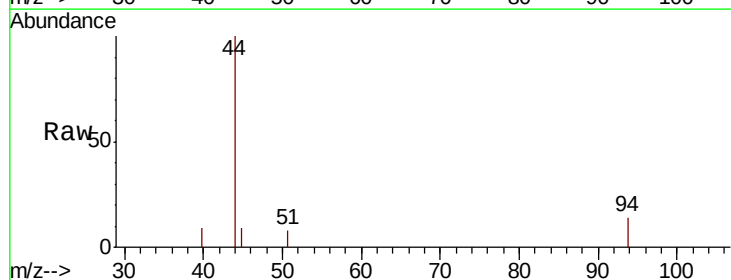
Tgt Ion: 94 Resp: 2044

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

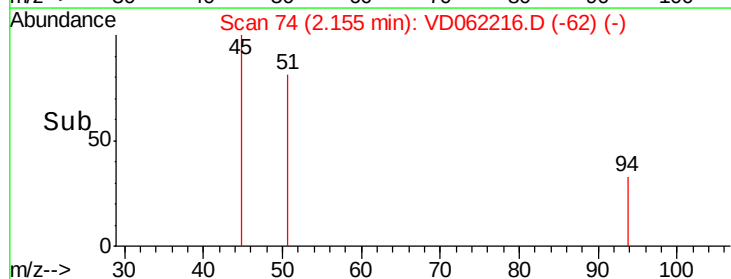
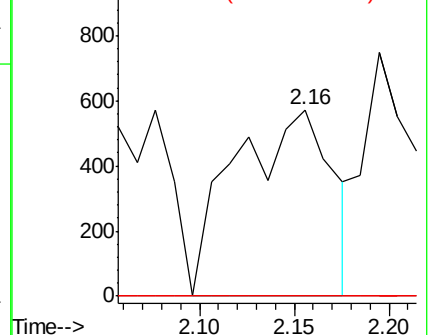
93 100.0 18.5 27.7#

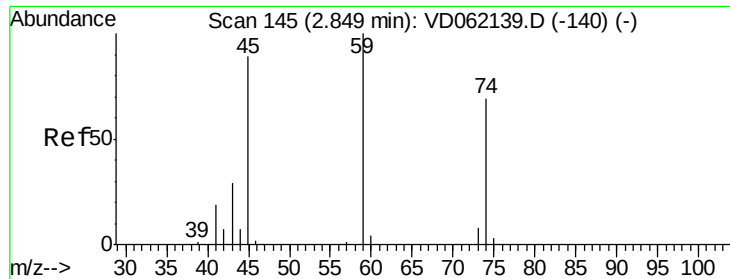


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#8

Diethyl Ether

Concen: 1.116 ug/l

RT: 2.86 min Scan# 146

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

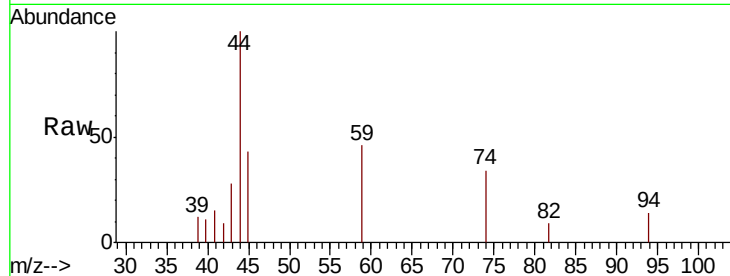
P026-SS001-0612-01RE

Tot Ion: 74 Resp: 1992

Ion Ratio Lower Upper

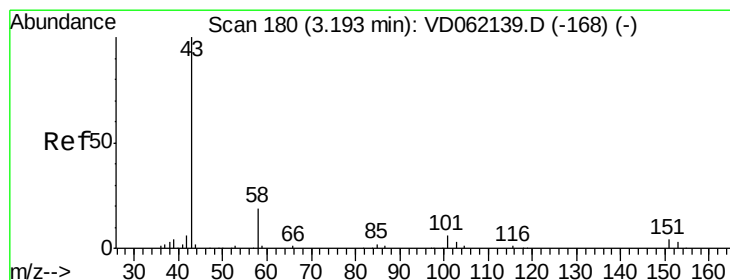
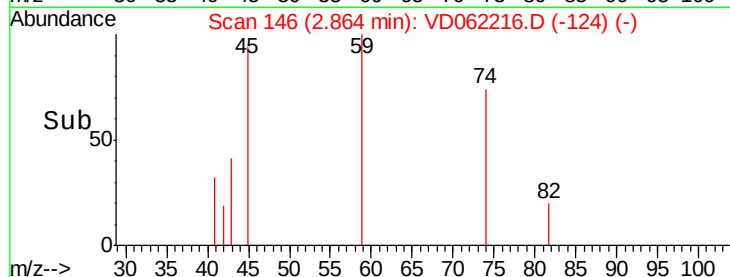
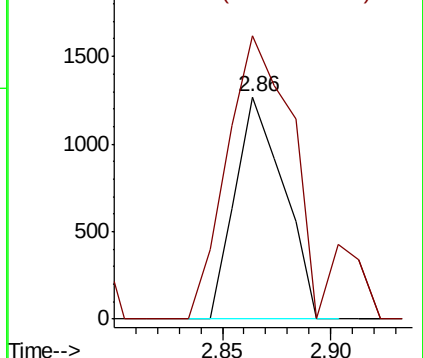
74 100

45 127.5 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: 5.299 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062216.D

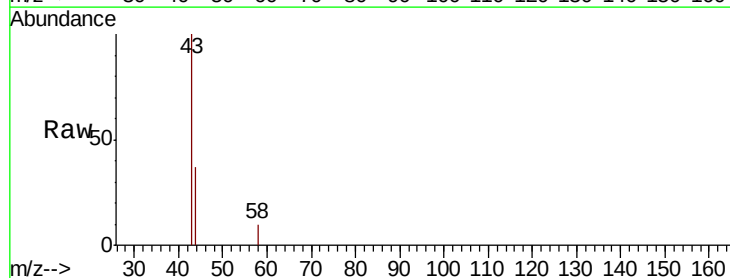
Acq: 10 May 2019 15:31

Tgt Ion: 43 Resp: 7240

Ion Ratio Lower Upper

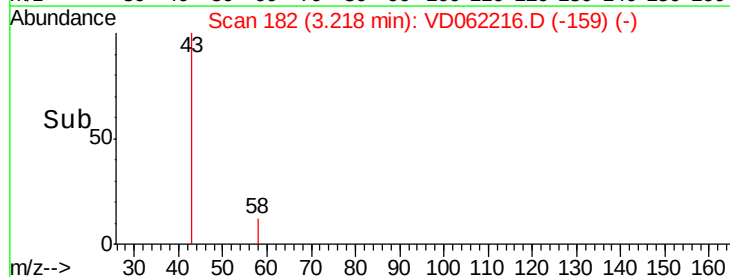
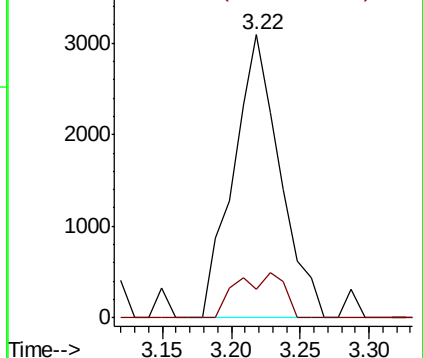
43 100

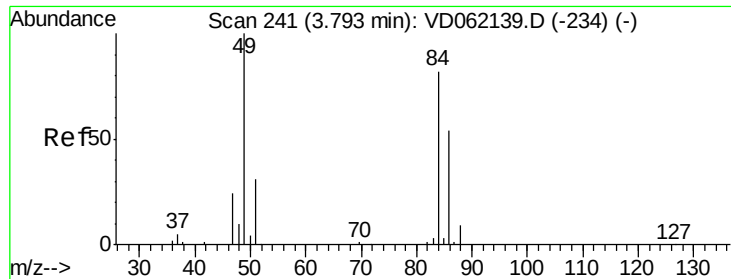
58 10.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

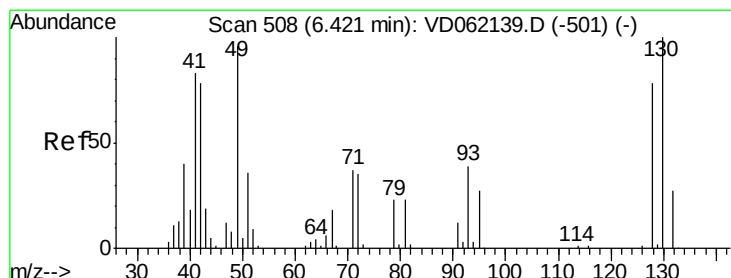
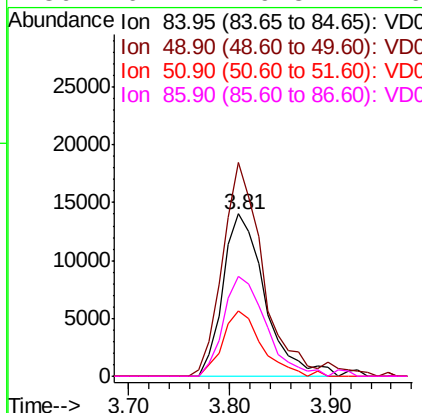
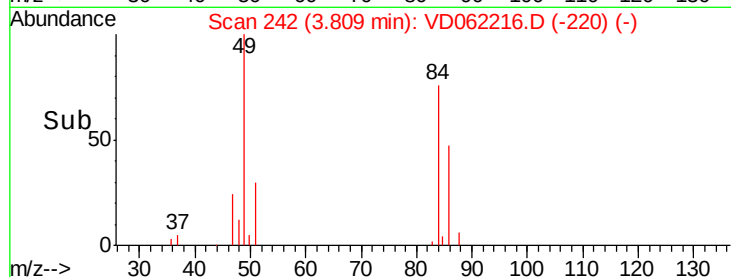
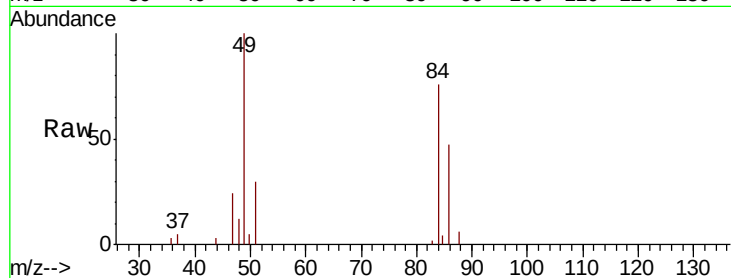




#20
Methylene Chloride
Concen: 7.090 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.02 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

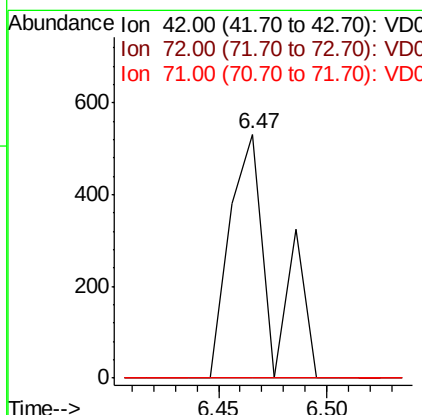
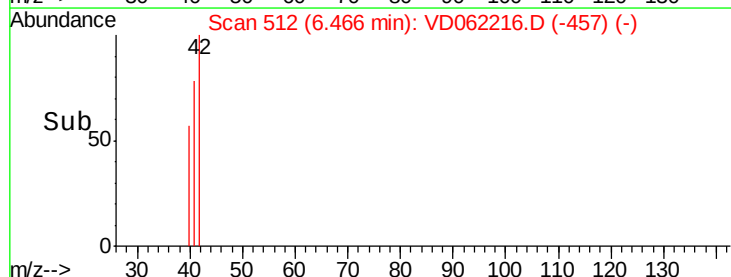
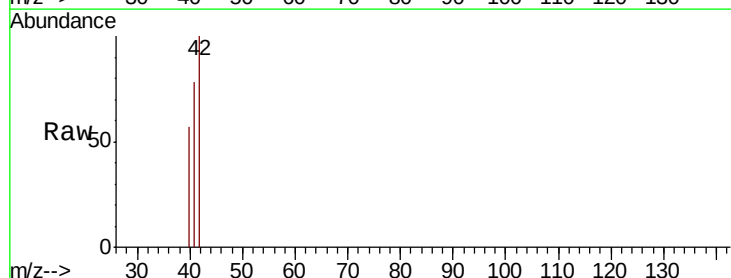
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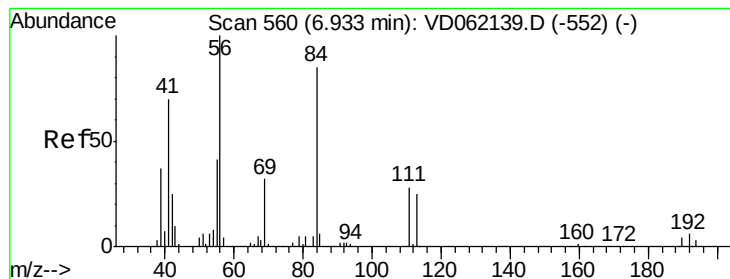
Tot Ion:	84	Resp:	40448
Ion	Ratio	Lower	Upper
84	100		
49	131.5	94.0	141.0
51	40.1	29.0	43.4
86	61.2	49.8	74.6



#29
Tetrahydrofuran
Concen: 1.063 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.04 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

Tgt Ion:	42	Resp:	730
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.7	55.1#





#31

Cyclohexane

Concen: 2.104 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.10 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0612-01RE

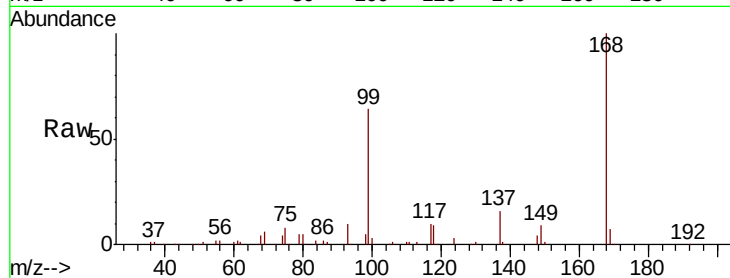
Tot Ion: 56 Resp: 14381

Ion Ratio Lower Upper

56 100

69 245.1 25.8 38.6#

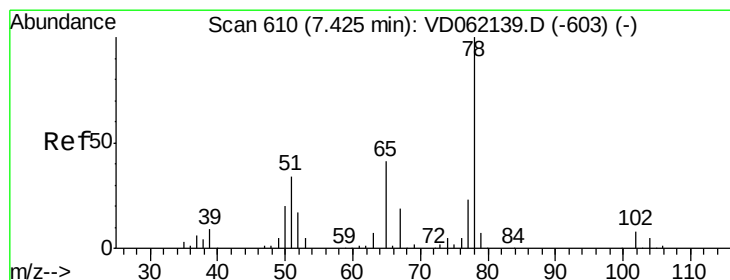
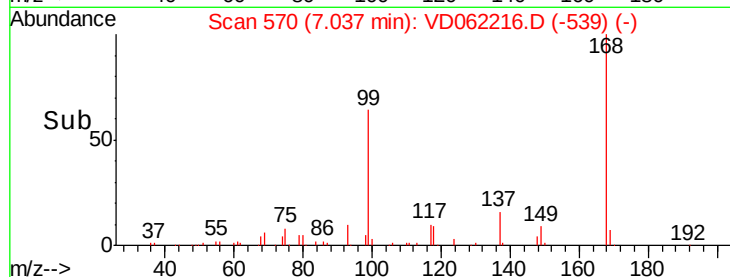
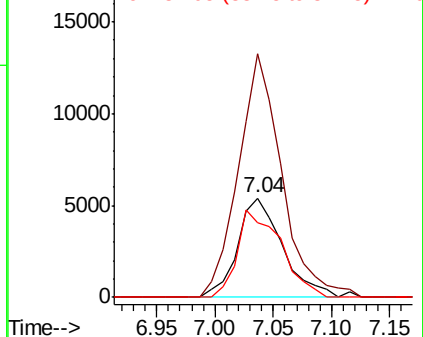
84 75.7 72.2 108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 69.670 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.03 min

Lab File: VD062216.D

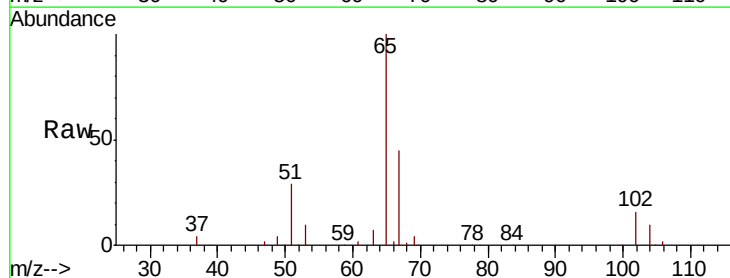
Acq: 10 May 2019 15:31

Tgt Ion: 65 Resp: 453922

Ion Ratio Lower Upper

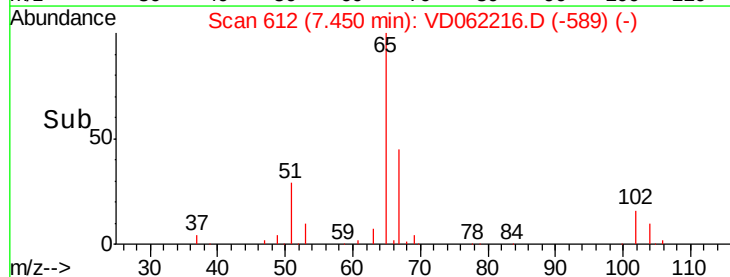
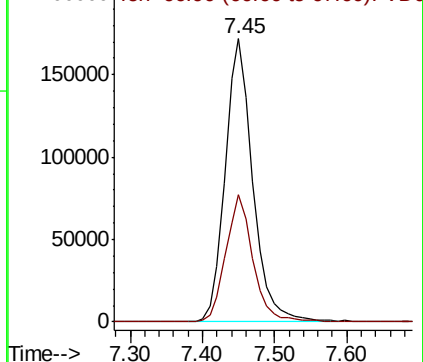
65 100

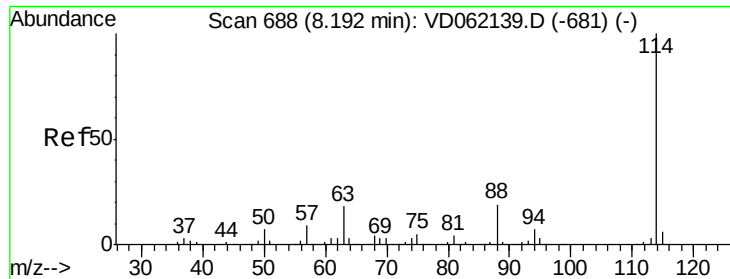
67 44.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

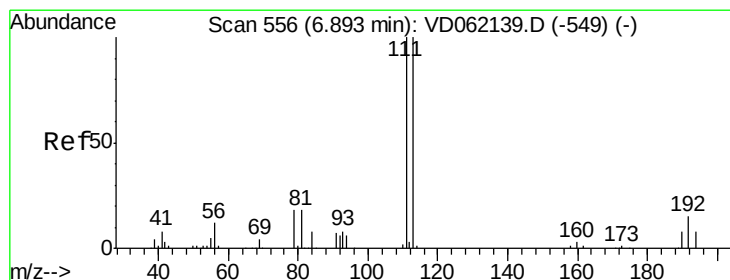
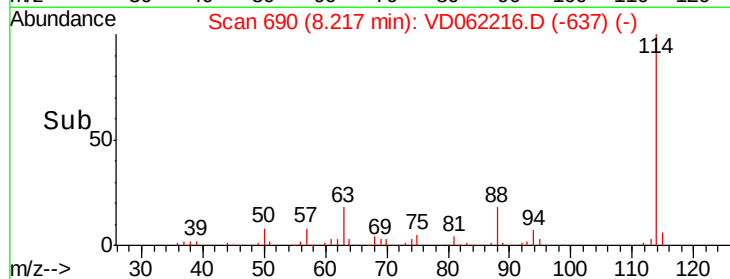
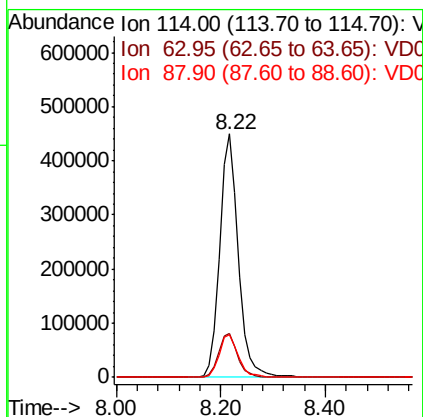
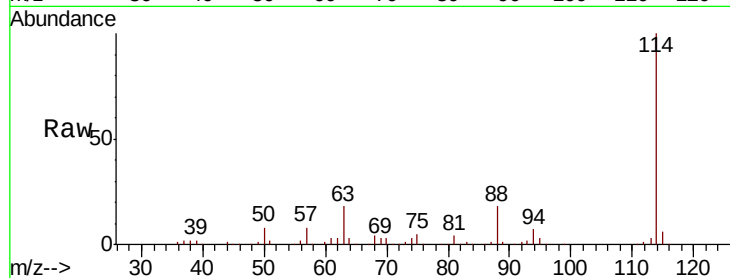




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

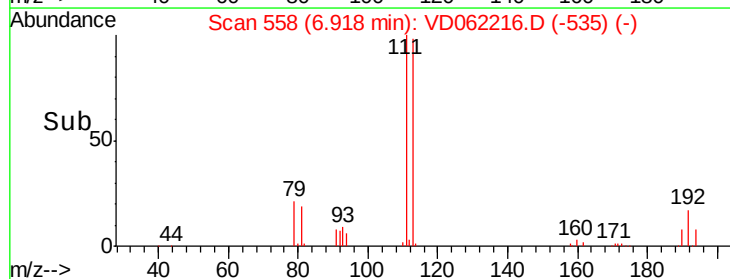
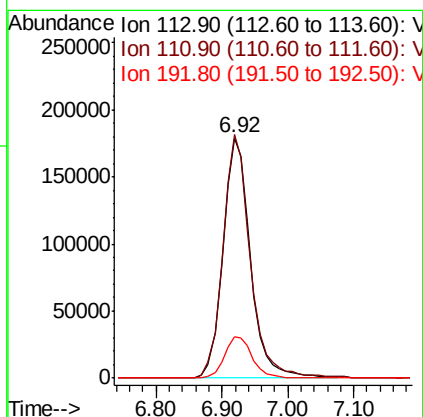
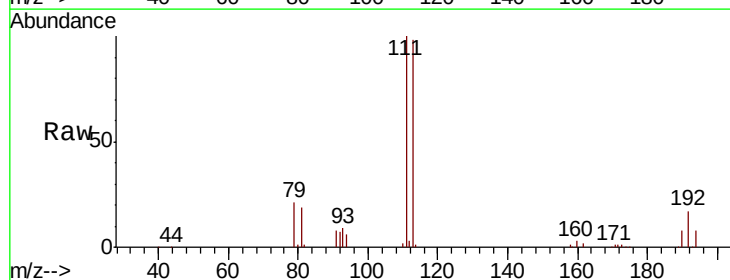
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01RE

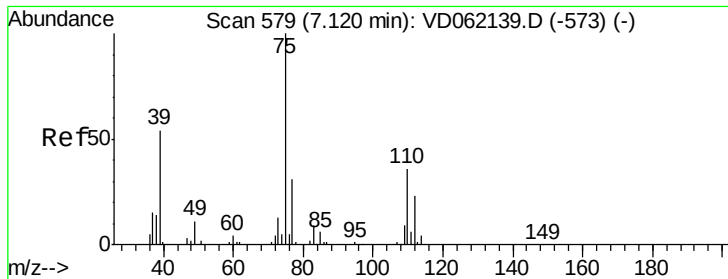
Tot Ion:114 Resp: 1109941
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.4
 88 17.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 56.372 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.03 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

Tgt Ion:113 Resp: 519151
 Ion Ratio Lower Upper
 113 100
 111 101.5 78.5 117.7
 192 17.5 13.0 19.4

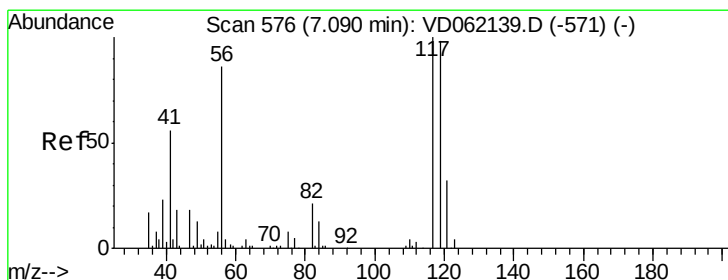
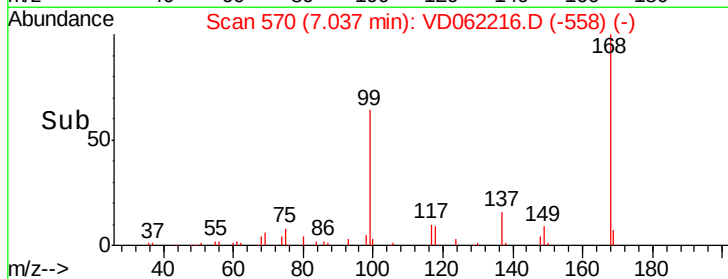
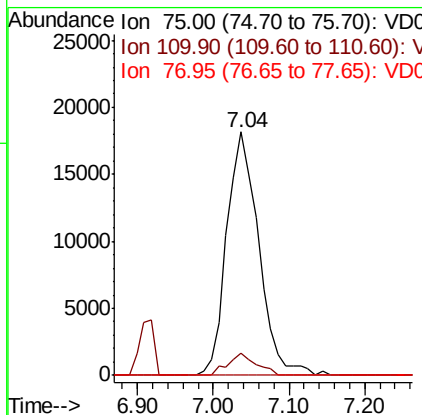
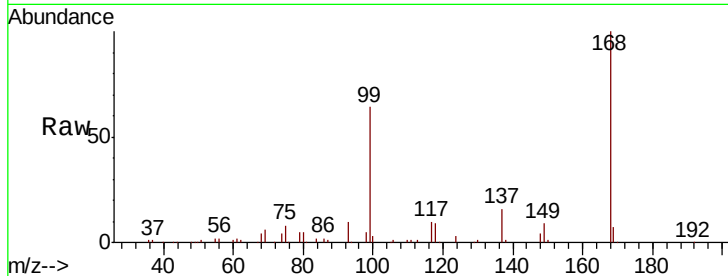




#36
 1,1-Dichloropropene
 Concen: 5.837 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

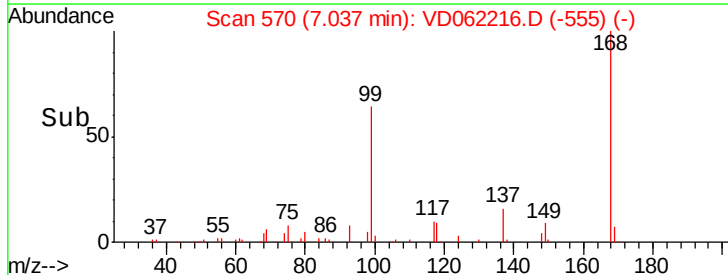
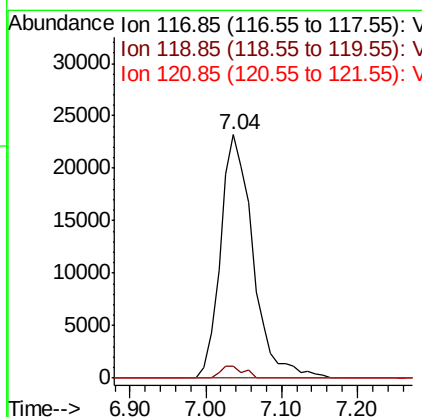
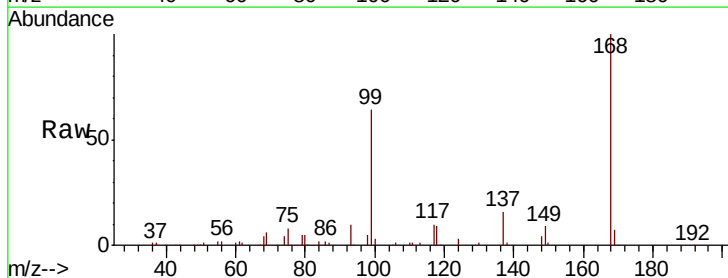
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 P026-SS001-0612-01RE

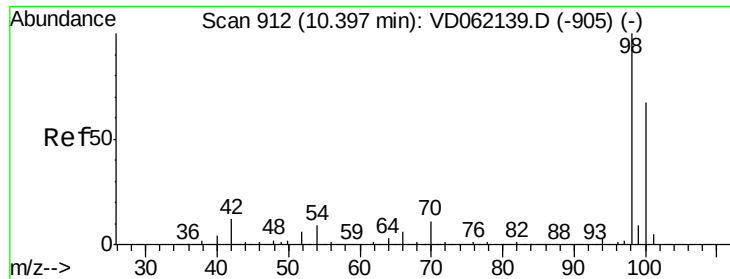
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.466 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 49.292 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

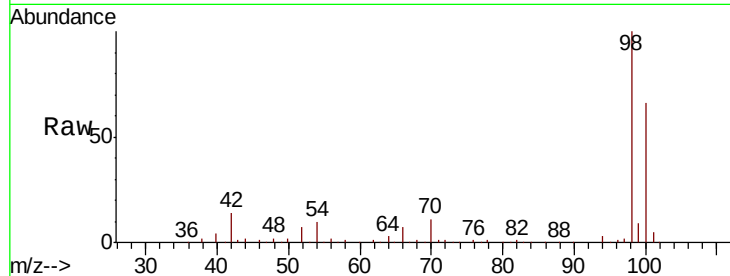
P026-SS001-0612-01RE

Tot Ion: 98 Resp: 1094484

Ion Ratio Lower Upper

98 100

100 66.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

500000

400000

300000

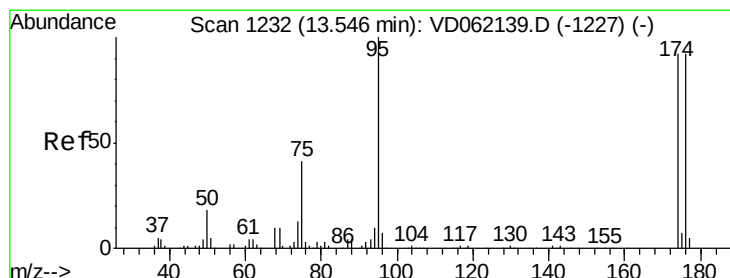
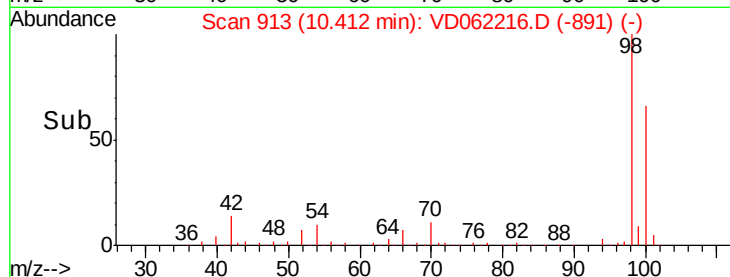
200000

100000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 47.968 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

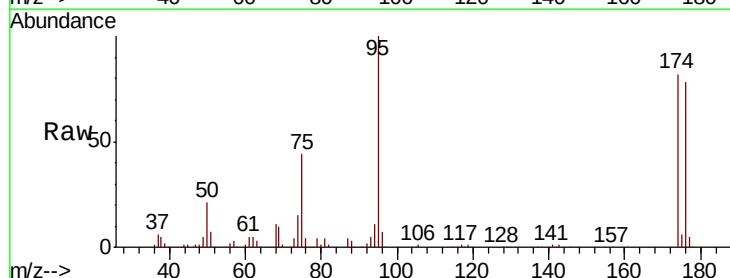
Tgt Ion: 95 Resp: 427703

Ion Ratio Lower Upper

95 100

174 81.6 0.0 181.8

176 77.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

400000

300000

200000

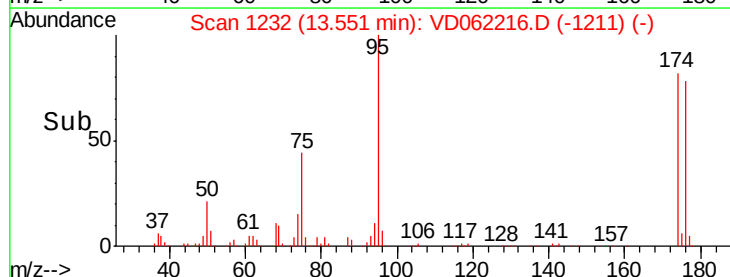
100000

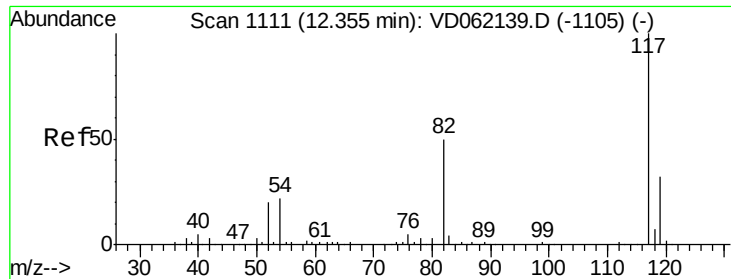
0

13.55

13.50 13.60

Time-->

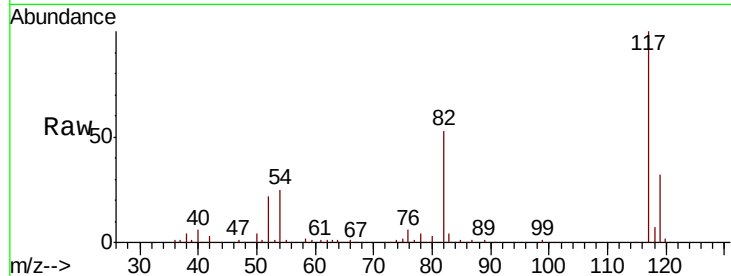




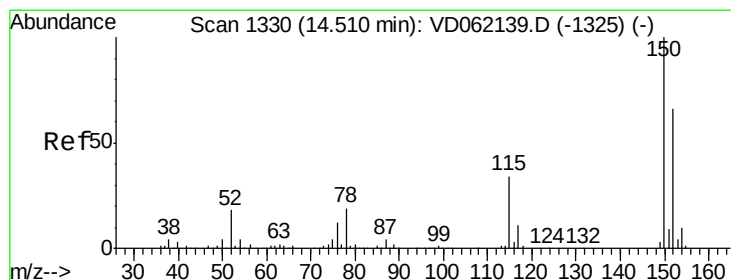
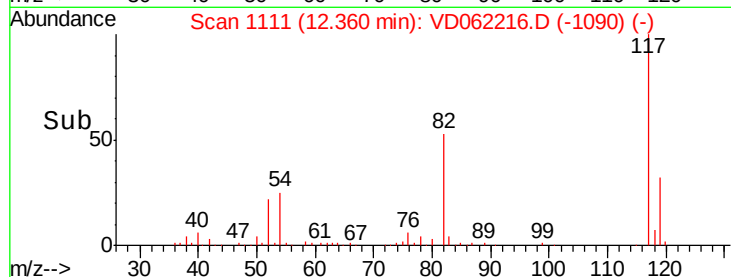
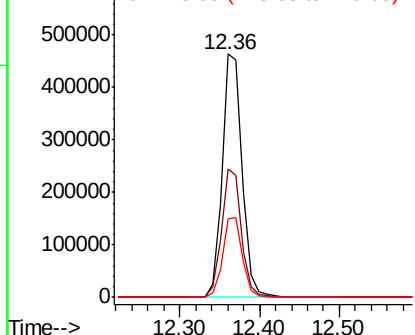
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0612-01RE

Tot Ion:117 Resp: 819187
Ion Ratio Lower Upper
117 100
82 53.0 36.2 54.2
119 32.5 26.2 39.4

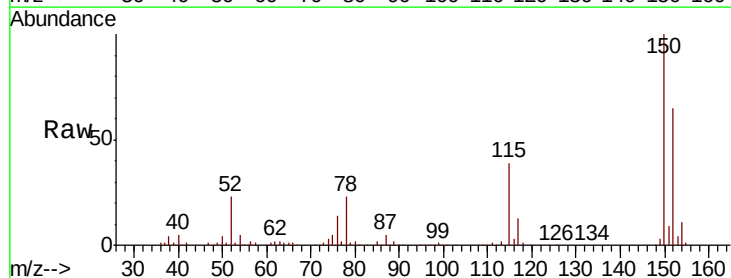


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

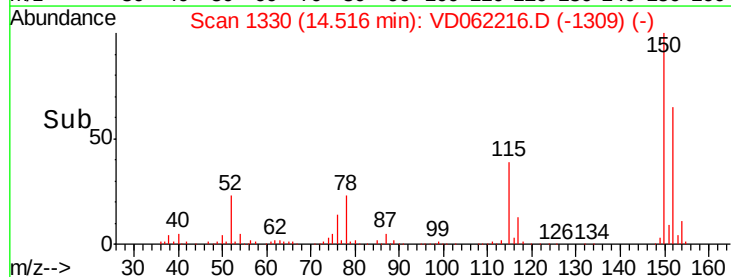
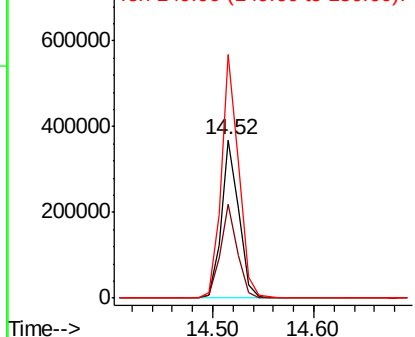


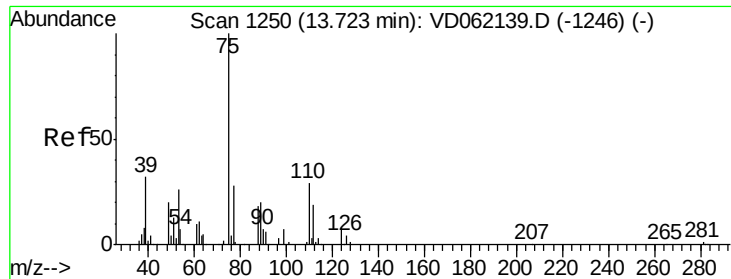
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

Tgt Ion:152 Resp: 441311
Ion Ratio Lower Upper
152 100
115 59.5 30.9 92.7
150 154.2 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

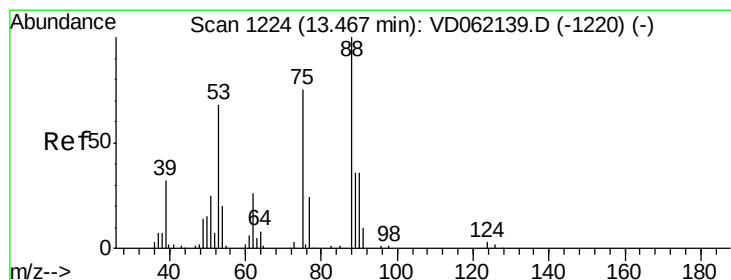
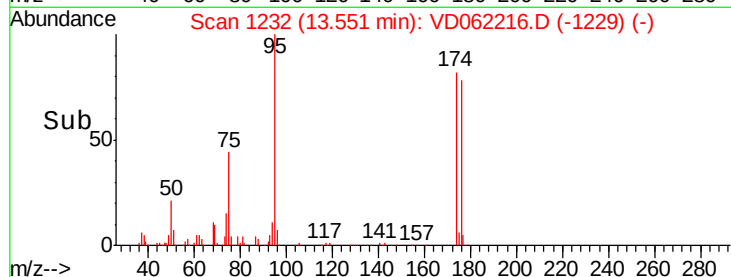
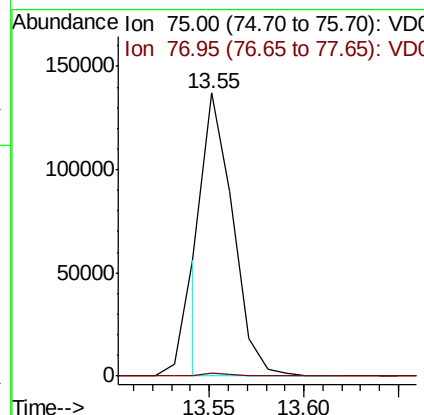
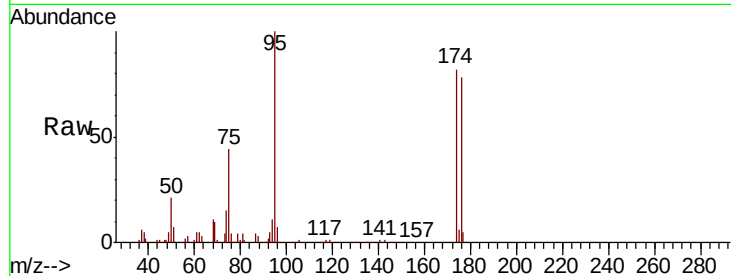




#76
 1,2,3-Trichloropropane
 Concen: 28.137 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01RE

Tot Ion: 75 Resp: 147566
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.521 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD062216.D
 Acq: 10 May 2019 15:31

Tgt Ion: 75 Resp: 184364
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

