

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062215.D
 Acq On : 10 May 2019 15:04
 Operator : FY/SY
 Sample : K2718-06RE
 Misc : 5.19g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1218-01RE

Quant Time: May 10 23:32:17 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	7.03	168	127593	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	220014	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	210380	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	82756	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	163095	137.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	275.10%	
35) Dibromofluoromethane	6.91	113	145060	79.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	158.92%	
50) Toluene-d8	10.41	98	240026	54.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	13.56	95	99322	56.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.40%	

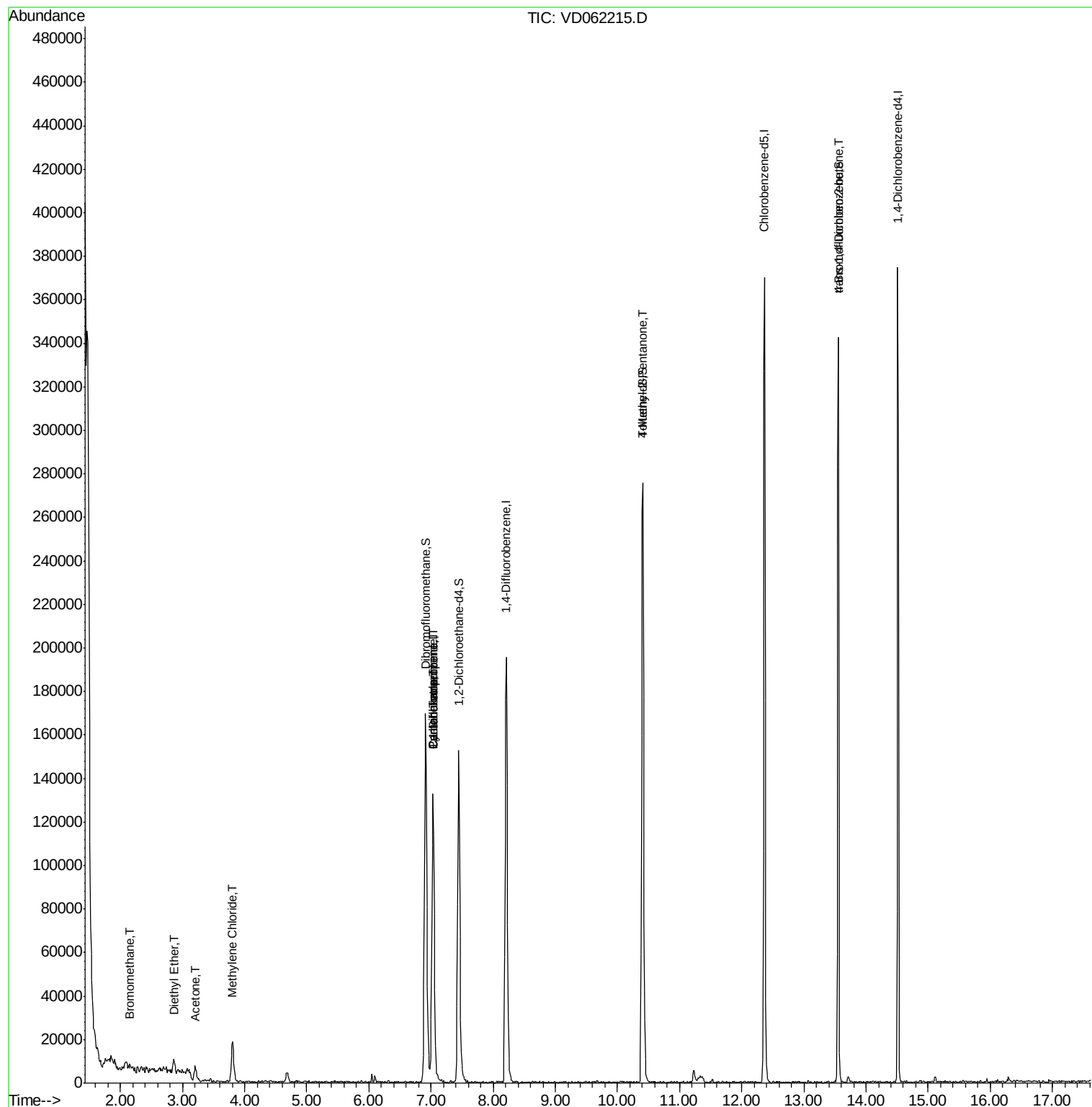
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1244	6.126	ug/l #	12
8) Diethyl Ether	2.87	74	1781	5.481	ug/l	91
16) Acetone	3.20	43	11115	44.699	ug/l #	87
20) Methylene Chloride	3.80	84	12398	11.941	ug/l #	90
31) Cyclohexane	7.02	56	2130	1.712	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	10019	5.554	ug/l #	46
38) Carbon Tetrachloride	7.03	117	12597	5.045	ug/l #	12
51) 4-Methyl-2-Pentanone	10.41	43	982	1.408	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	43488	156.632	ug/l #	16

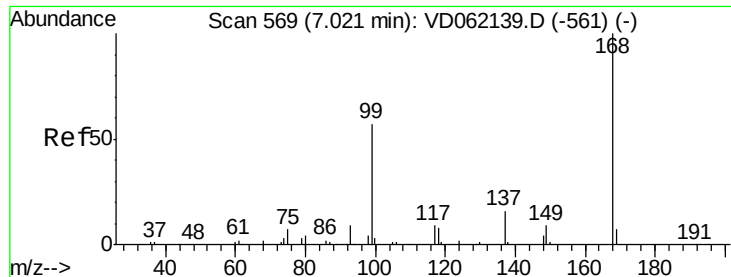
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
Data File : VD062215.D
Acq On : 10 May 2019 15:04
Operator : FY/SY
Sample : K2718-06RE
Misc : 5.19g/5mL/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

Quant Time: May 10 23:32:17 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: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

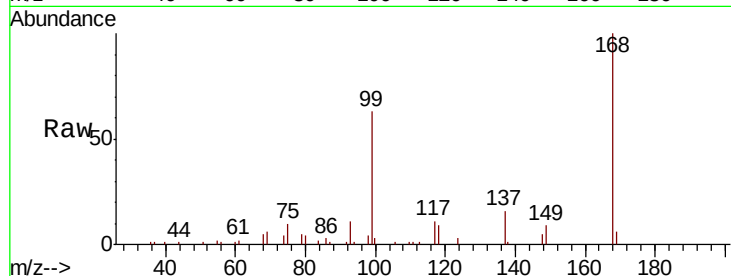
P026-SS005-1218-01RE

Tot Ion:168 Resp: 127593

Ion Ratio Lower Upper

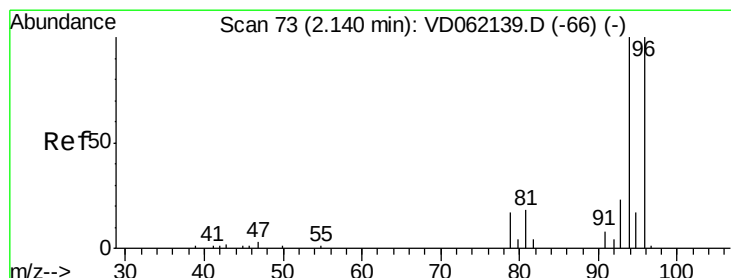
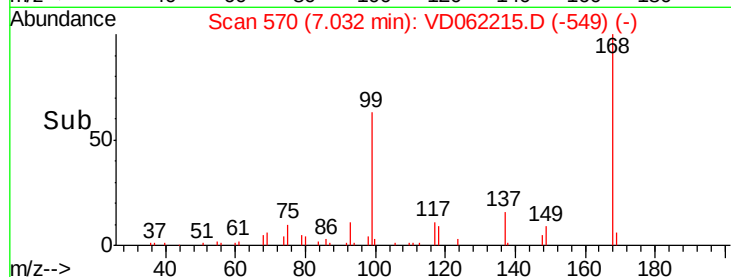
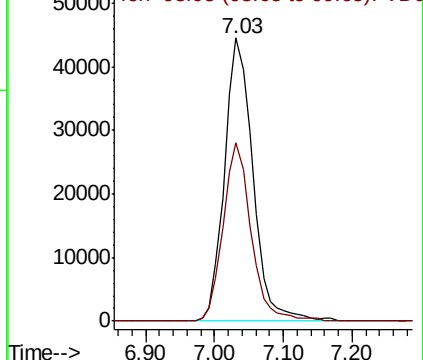
168 100

99 63.1 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: 6.126 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

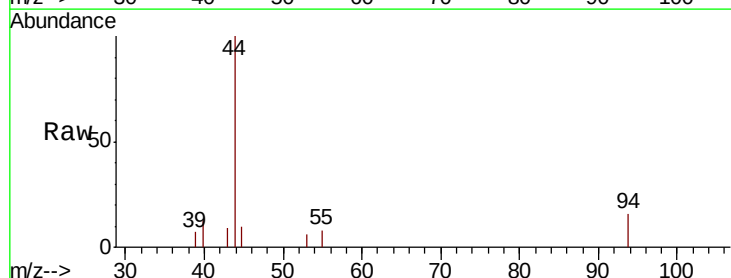
Tgt Ion: 94 Resp: 1244

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

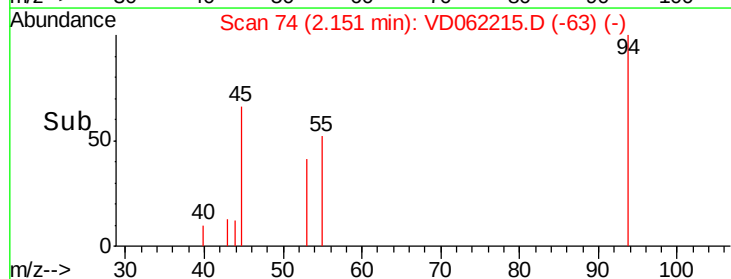
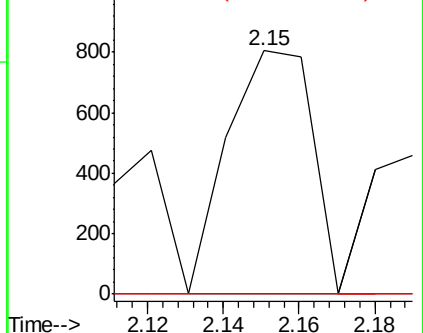
93 0.0 18.5 27.7#

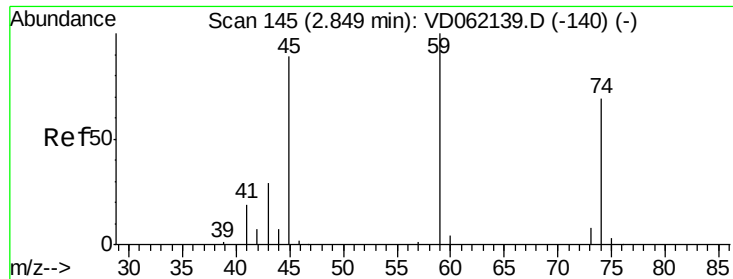


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#8

Diethyl Ether

Concen: 5.481 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

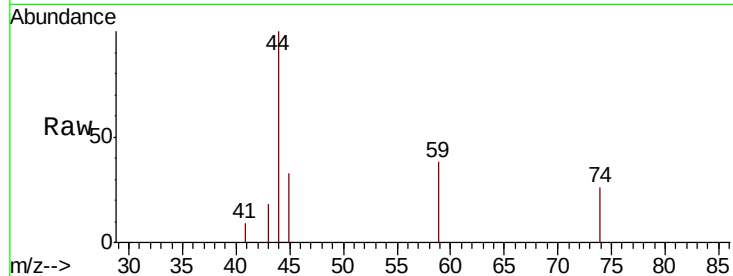
P026-SS005-1218-01RE

Tot Ion: 74 Resp: 1781

Ion Ratio Lower Upper

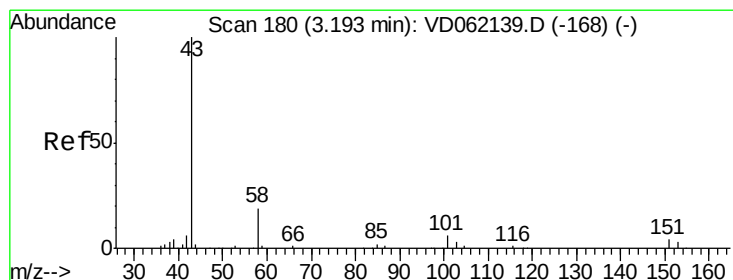
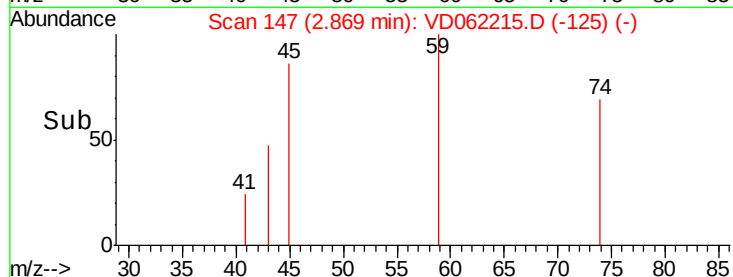
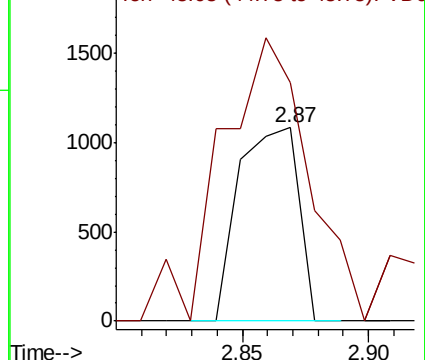
74 100

45 123.7 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: 44.699 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062215.D

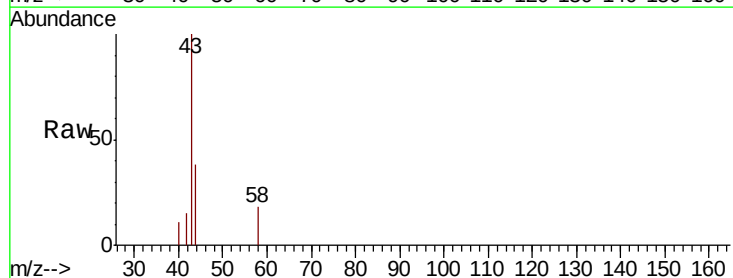
Acq: 10 May 2019 15:04

Tgt Ion: 43 Resp: 11115

Ion Ratio Lower Upper

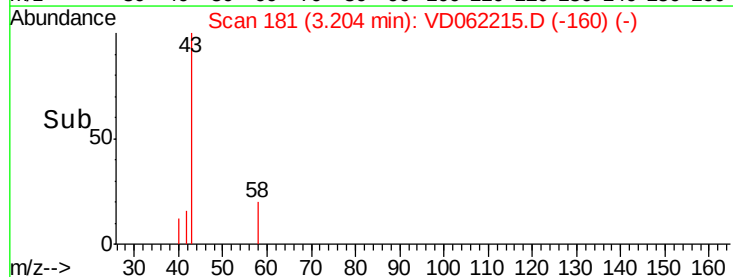
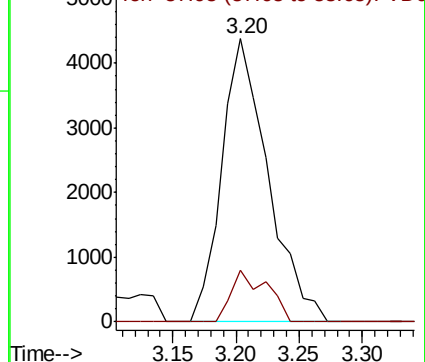
43 100

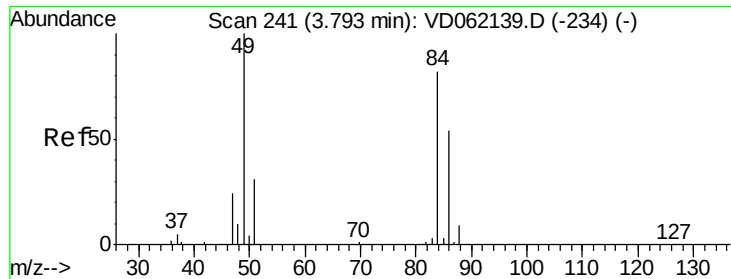
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

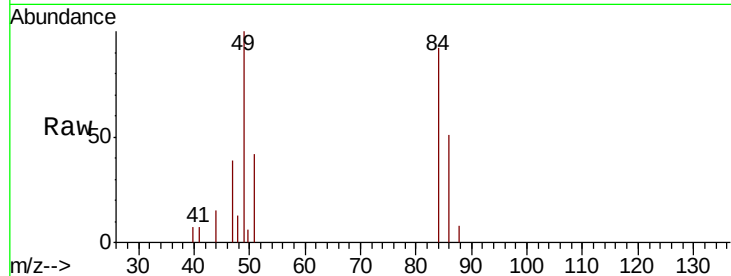




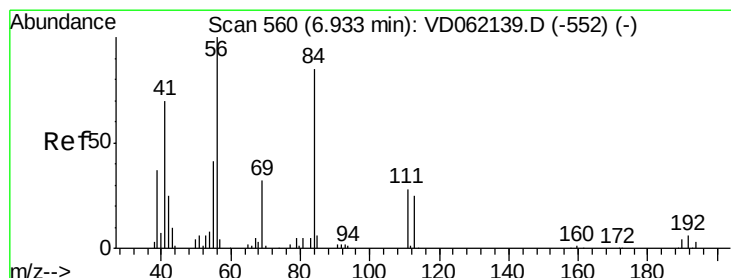
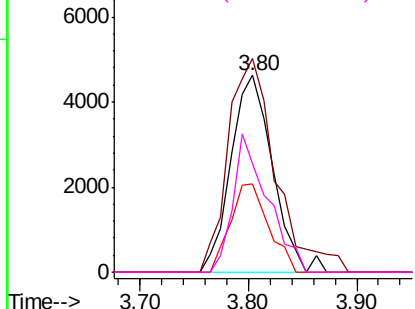
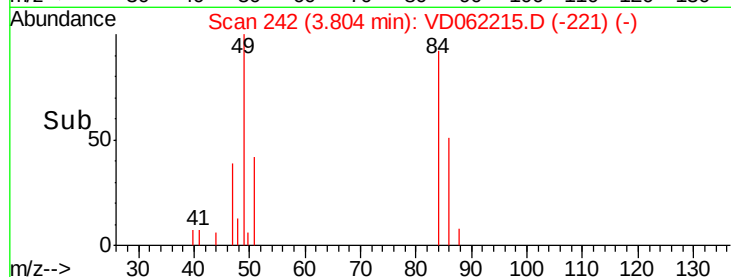
#20
Methylene Chloride
Concen: 11.941 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

Tot Ion: 84 Resp: 12398
Ion Ratio Lower Upper
84 100
49 108.5 94.0 141.0
51 45.1 29.0 43.4#
86 55.3 49.8 74.6

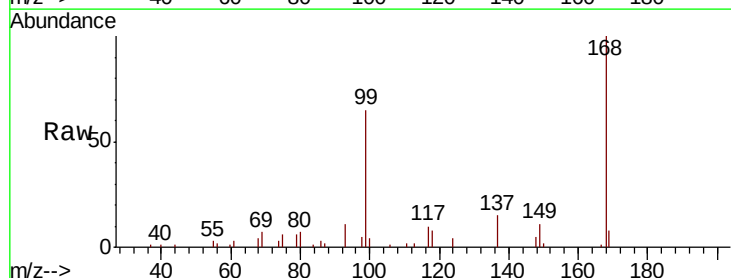


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

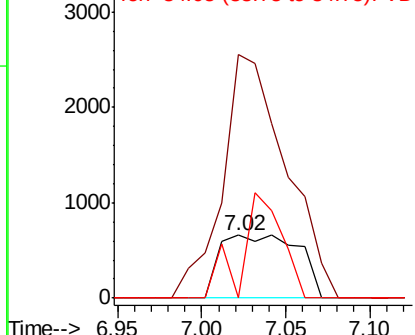
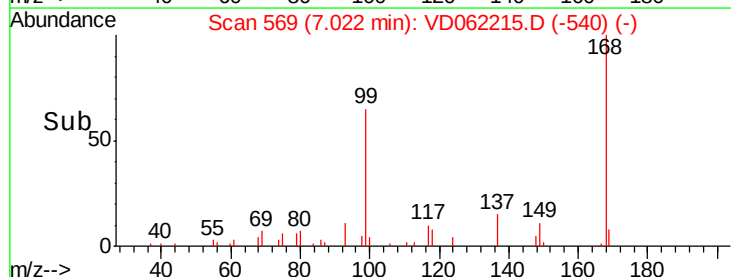


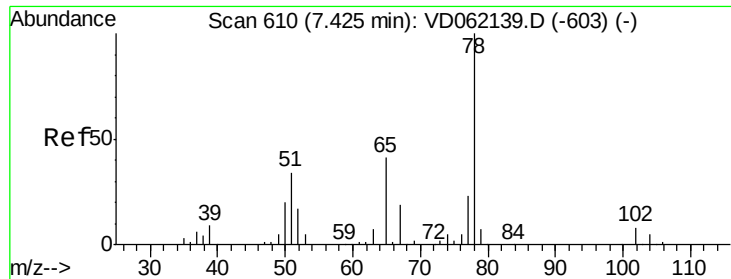
#31
Cyclohexane
Concen: 1.712 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Tgt Ion: 56 Resp: 2130
Ion Ratio Lower Upper
56 100
69 388.1 25.8 38.6#
84 0.0 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

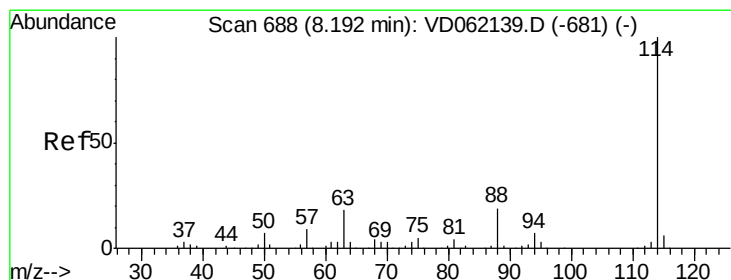
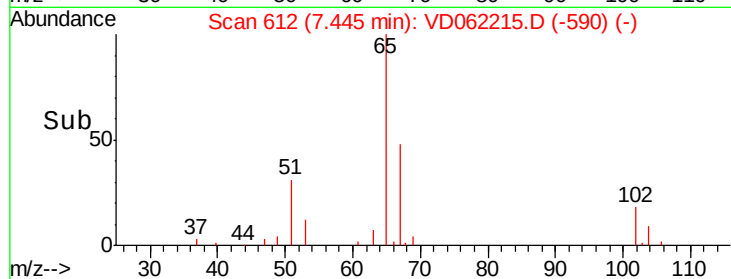
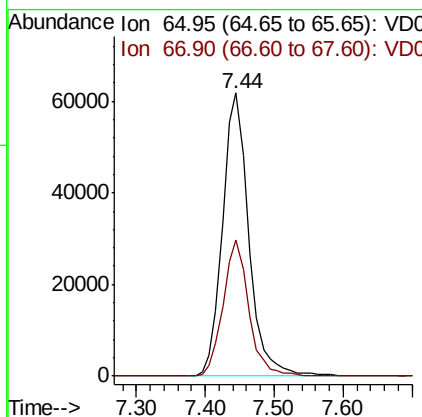
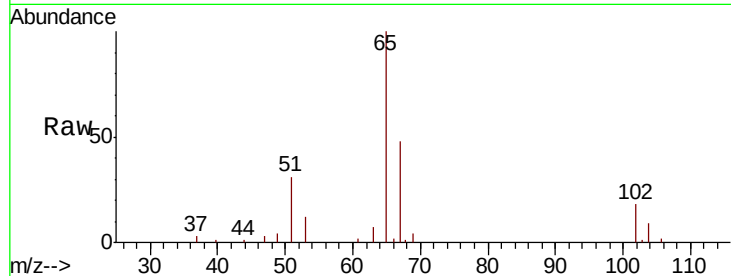




#33
 1,2-Dichloroethane-d4
 Concen: 137.547 ug/l
 RT: 7.44 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD062215.D
 Acq: 10 May 2019 15:04

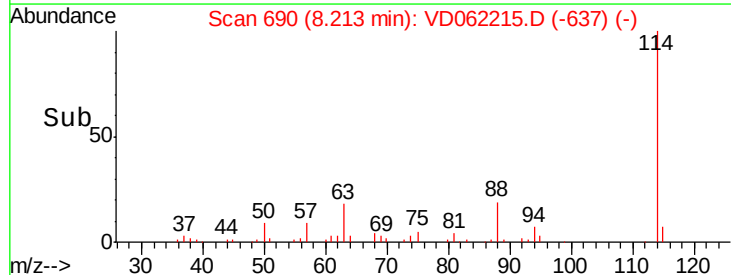
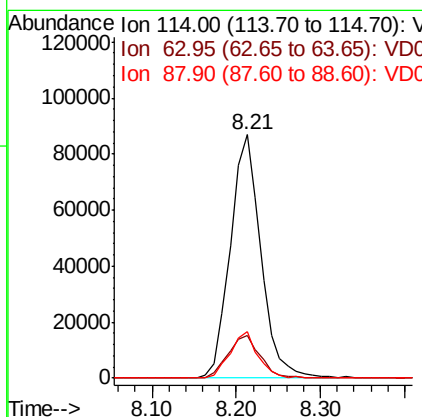
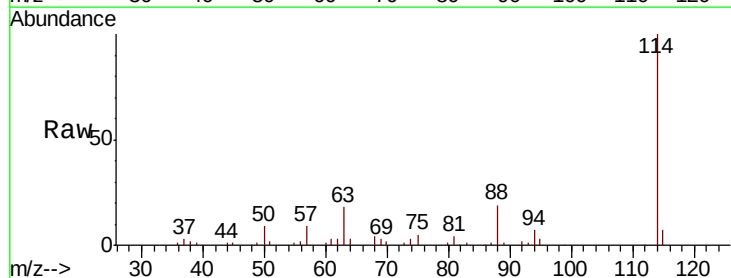
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1218-01RE

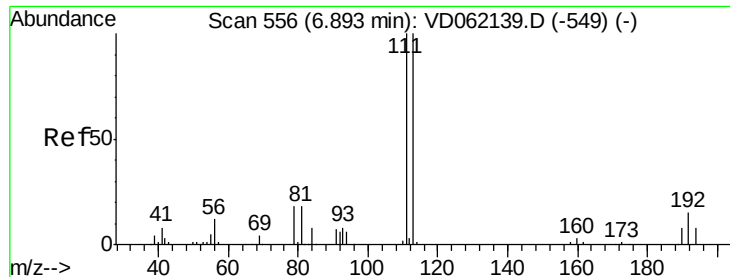
Tot Ion: 65 Resp: 163095
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062215.D
 Acq: 10 May 2019 15:04

Tgt Ion: 114 Resp: 220014
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 32.4
 88 19.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 79.464 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

P026-SS005-1218-01RE

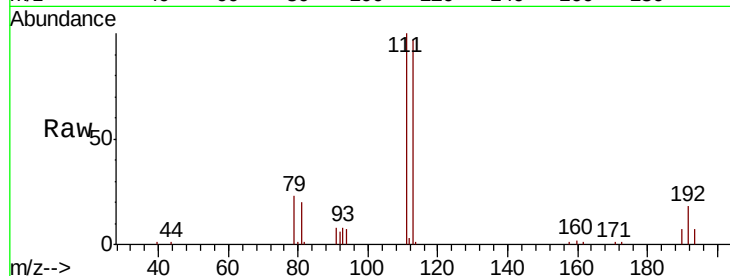
Tot Ion:113 Resp: 145060

Ion Ratio Lower Upper

113 100

111 102.9 78.5 117.7

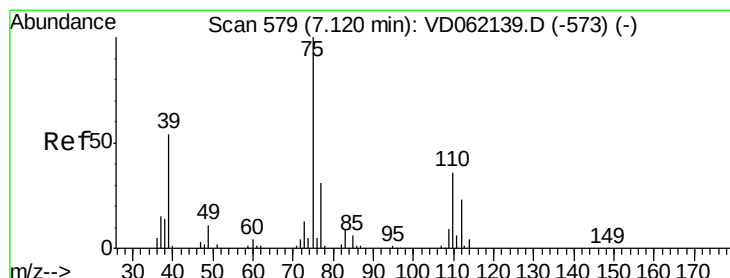
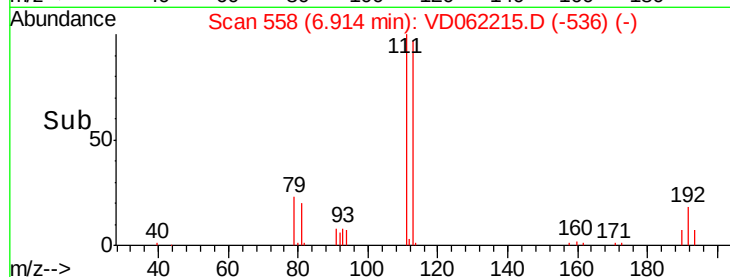
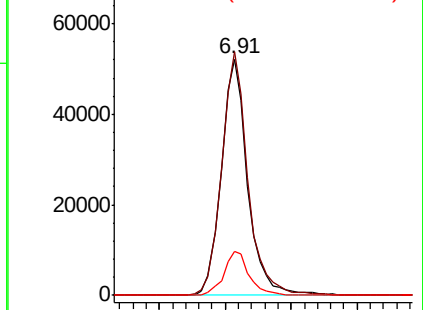
192 18.8 13.0 19.4



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: 5.554 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

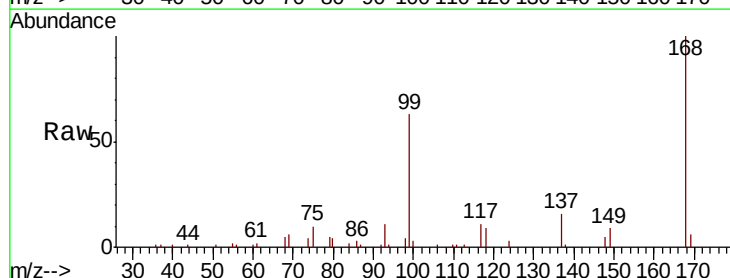
Tgt Ion: 75 Resp: 10019

Ion Ratio Lower Upper

75 100

110 7.2 19.1 57.1#

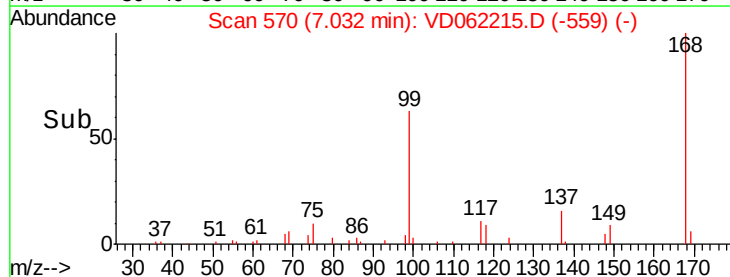
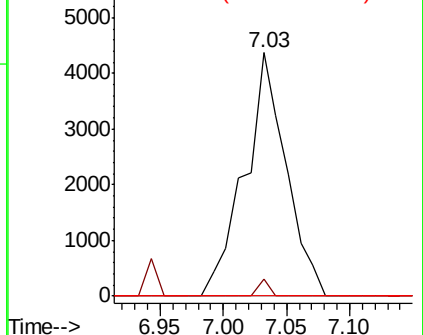
77 0.0 25.6 38.4#

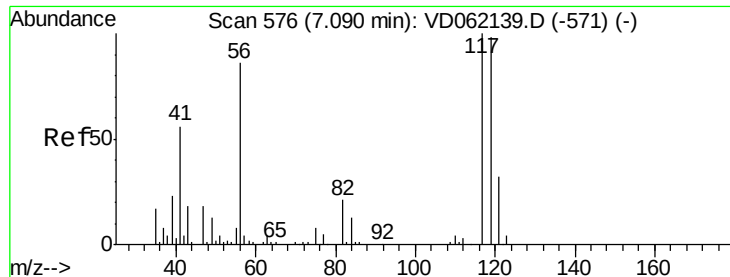


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

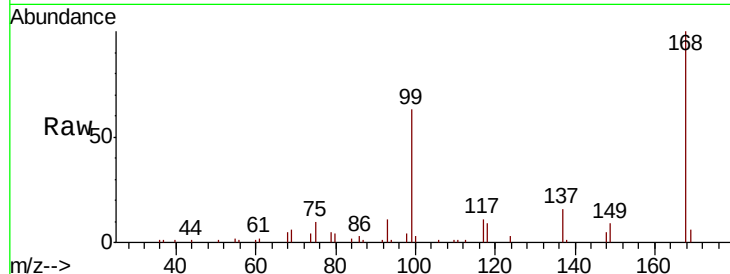




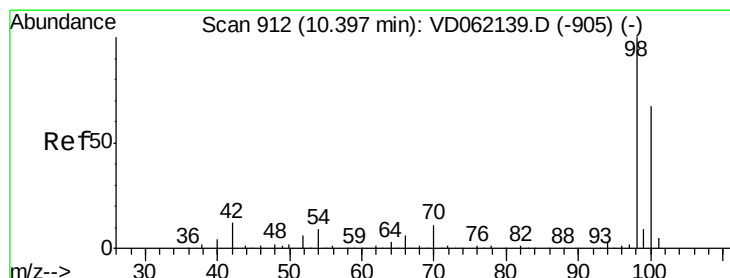
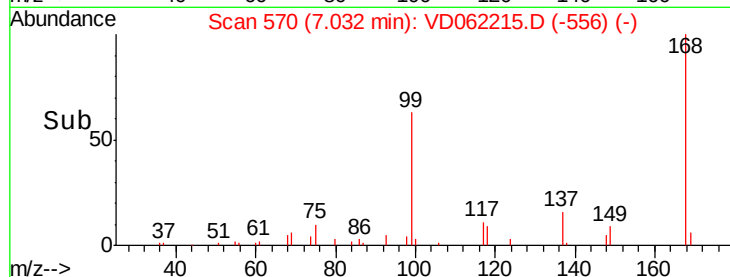
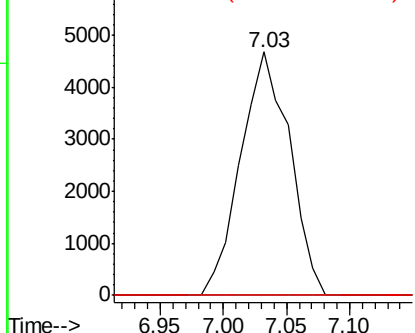
#38
Carbon Tetrachloride
Concen: 5.045 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

Tot Ion:117 Resp: 12597
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#

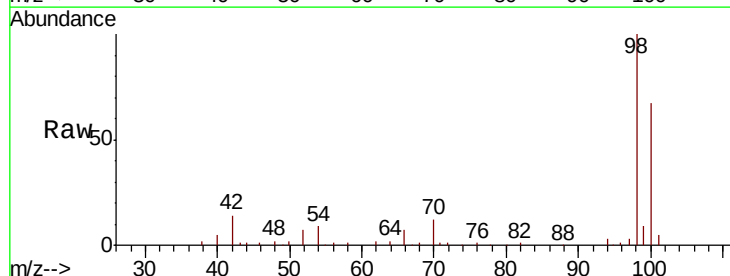


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

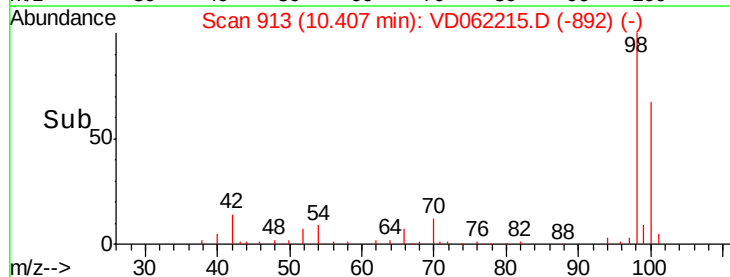
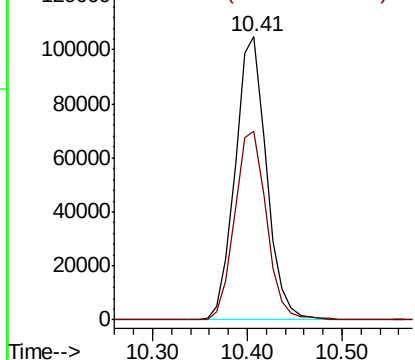


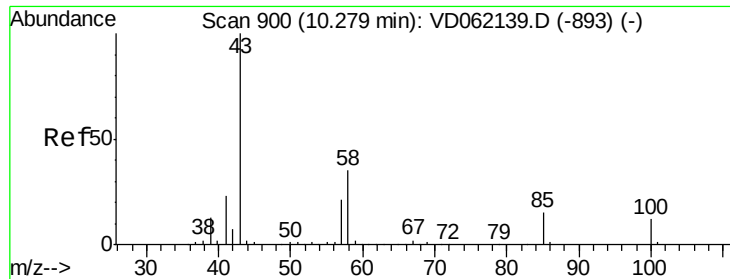
#50
Toluene-d8
Concen: 54.534 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Tgt Ion: 98 Resp: 240026
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8



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: 1.408 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.13 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

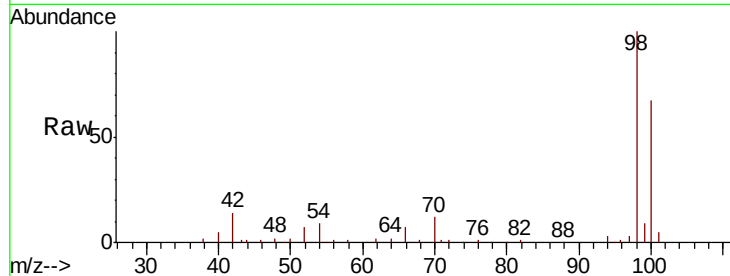
P026-SS005-1218-01RE

Tot Ion: 43 Resp: 982

Ion Ratio Lower Upper

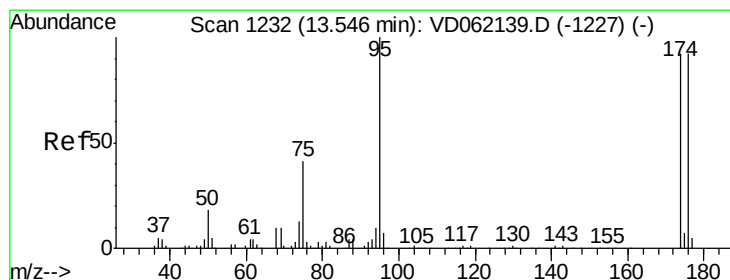
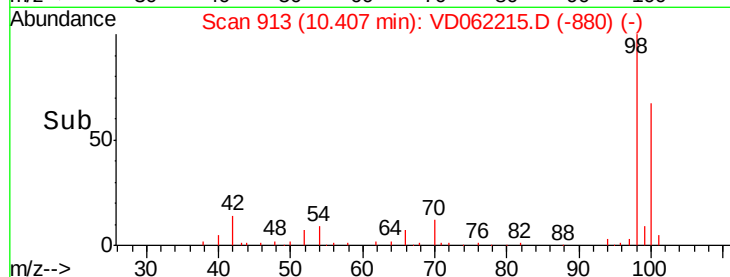
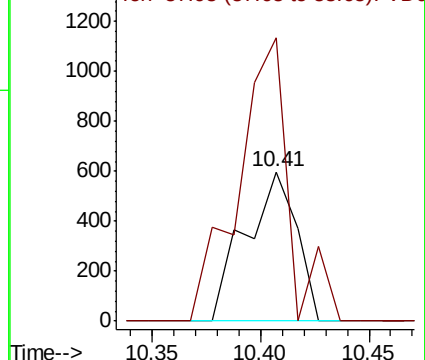
43 100

58 189.8 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: 56.196 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

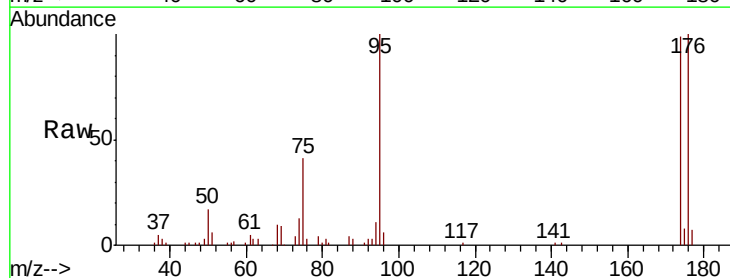
Tgt Ion: 95 Resp: 99322

Ion Ratio Lower Upper

95 100

174 99.4 0.0 181.8

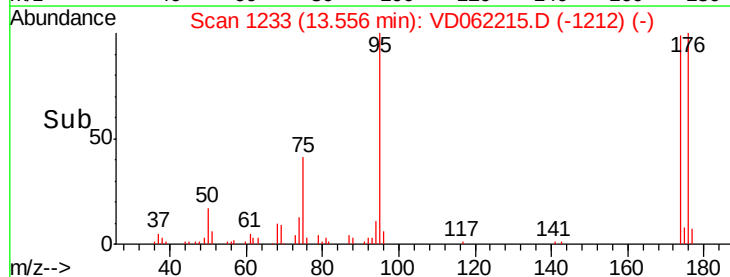
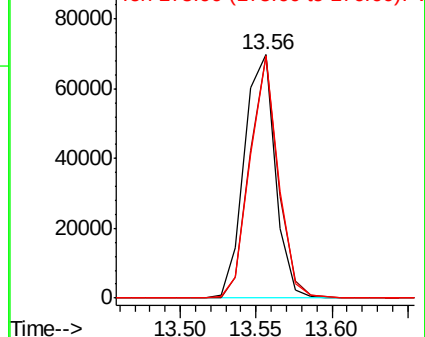
176 99.6 0.0 174.4

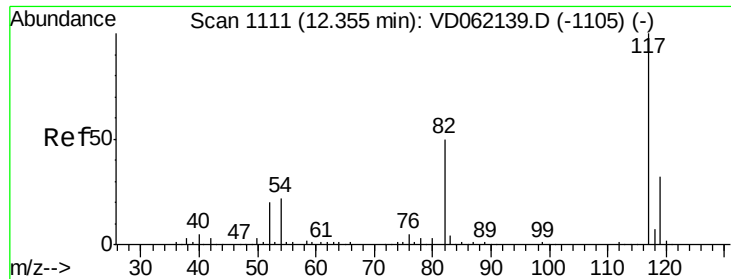


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

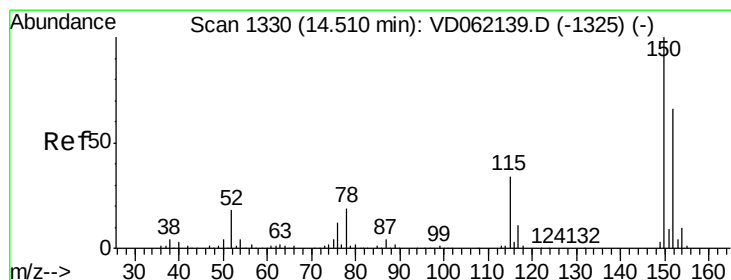
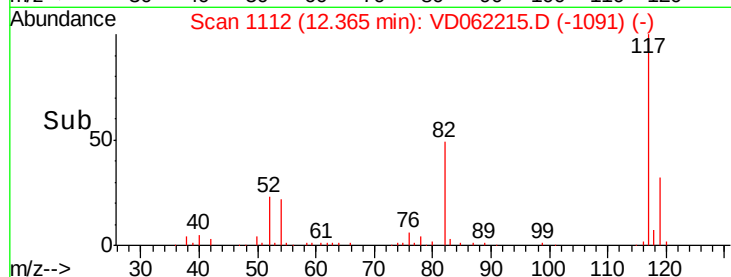
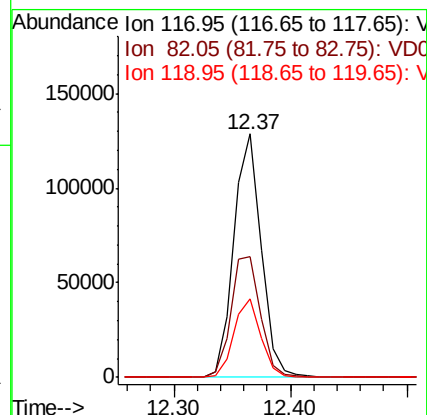
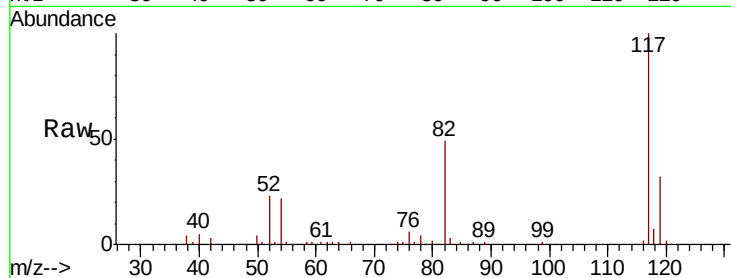




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

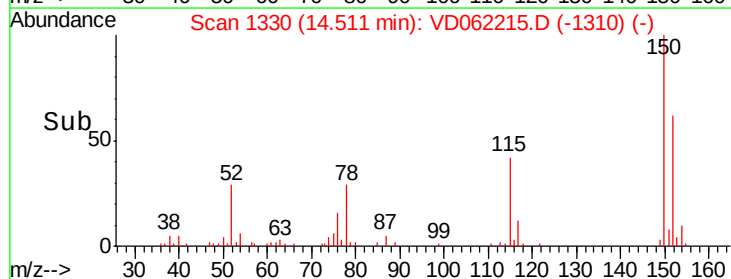
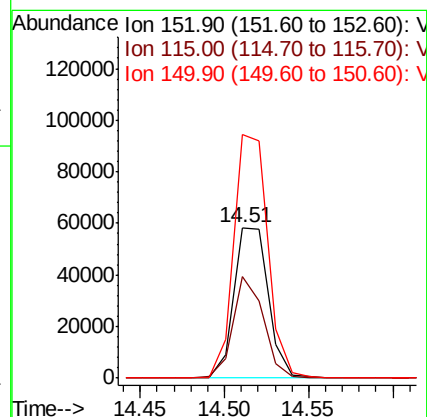
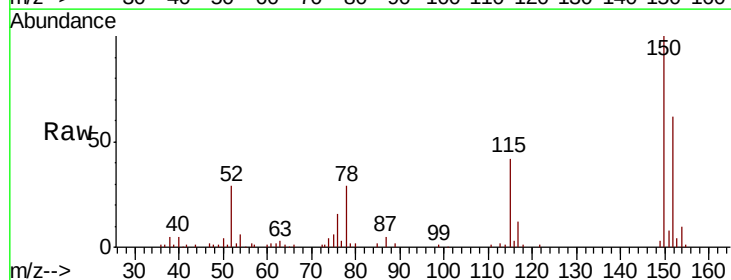
Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

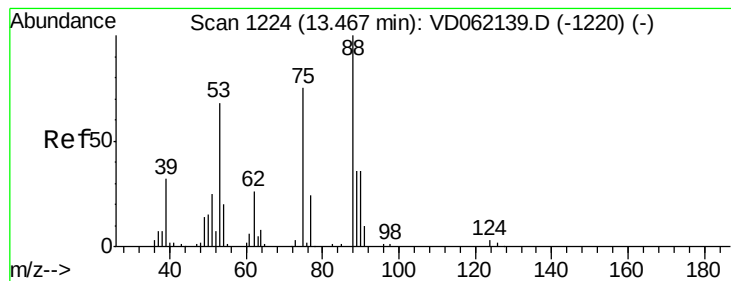
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	36.2	54.2
119	32.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.3	30.9	92.7
150	162.0	0.0	314.8





#81

trans-1,4-Dichloro-2-butene

Concen: 156.632 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

P026-SS005-1218-01RE

Tot Ion: 75 Resp: 43488

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

