

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
 Data File : VD062200.D
 Acq On : 9 May 2019 20:50
 Operator : FY/SY
 Sample : K2717-12
 Misc : 5.13g/5mL/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-02

Quant Time: May 10 04:22:38 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	208190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	362743	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	274964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	136494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	241476	124.81	ug/l	0.00
Spiked Amount			Recovery	=	249.62%	
35) Dibromofluoromethane	6.91	113	218950	72.75	ug/l	0.02
Spiked Amount			Recovery	=	145.50%	
50) Toluene-d8	10.40	98	360352	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	13.55	95	160681	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	

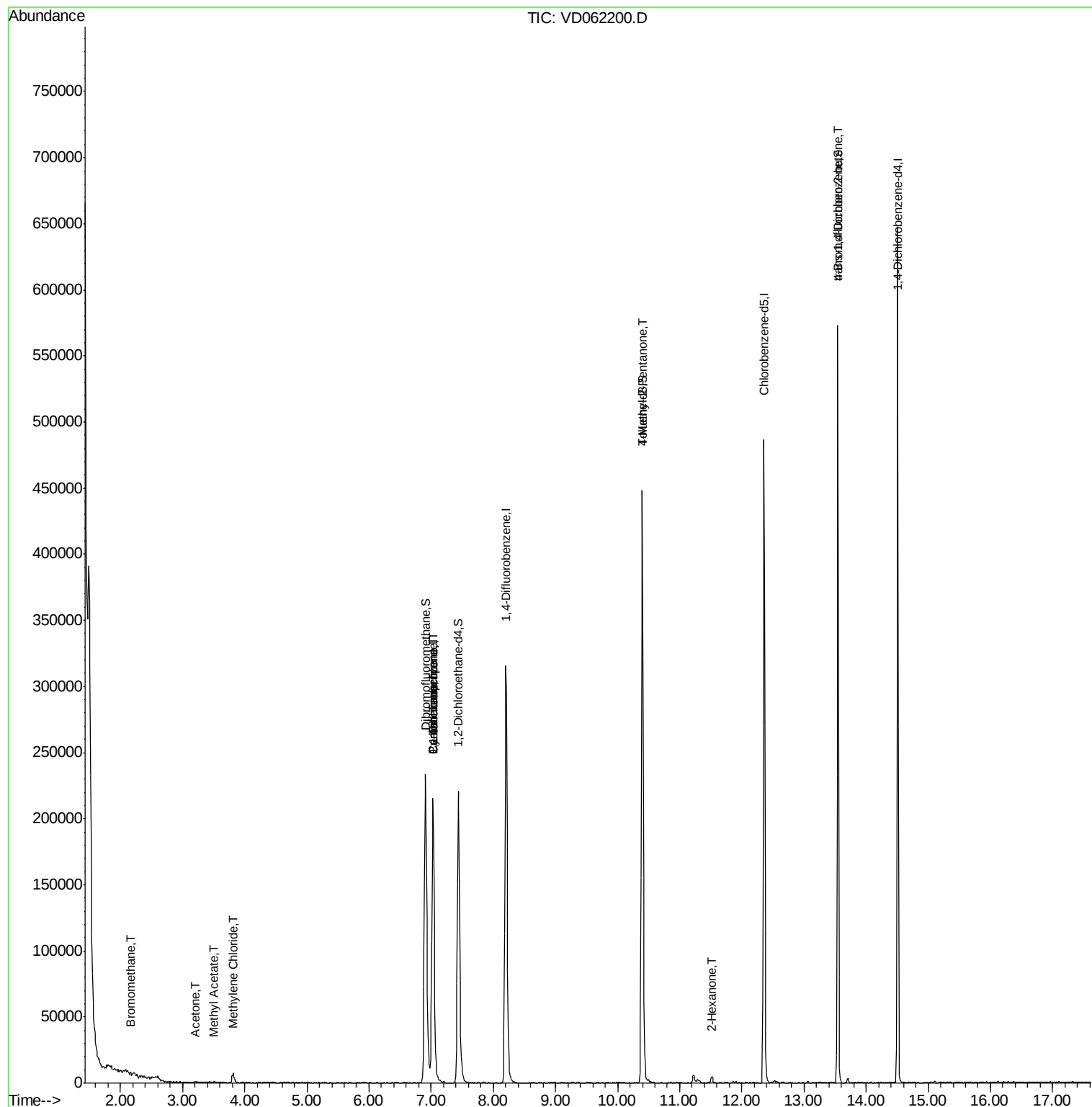
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	1599	4.826	ug/l #	12
16) Acetone	3.21	43	1725	4.252	ug/l #	50
18) Methyl Acetate	3.50	43	952	1.015	ug/l #	53
20) Methylene Chloride	3.80	84	5088	3.003	ug/l	88
31) Cyclohexane	7.02	56	3722	1.834	ug/l #	27
36) 1,1-Dichloropropene	7.03	75	16643	5.596	ug/l #	47
38) Carbon Tetrachloride	7.03	117	20280	4.927	ug/l #	12
51) 4-Methyl-2-Pentanone	10.40	43	1792	1.558	ug/l #	1
59) 2-Hexanone	11.51	43	885	1.044	ug/l #	27
81) trans-1,4-Dichloro-2-buten	13.55	75	69023	150.727	ug/l #	16

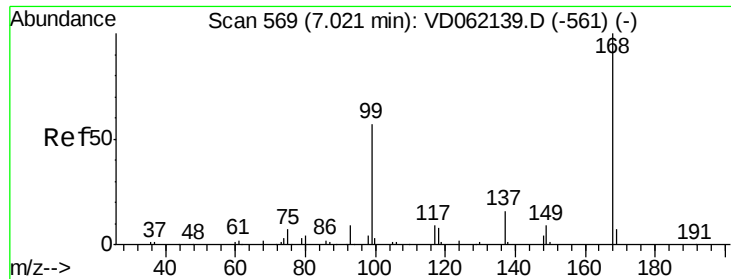
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
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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: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

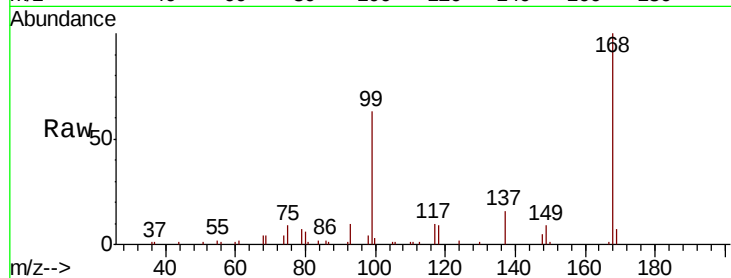
P026-SS002-1218-02

Tgt Ion:168 Resp: 208190

Ion Ratio Lower Upper

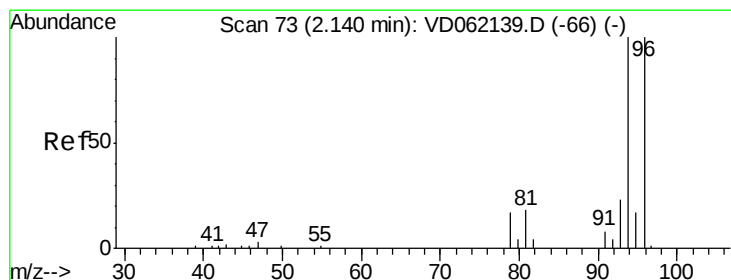
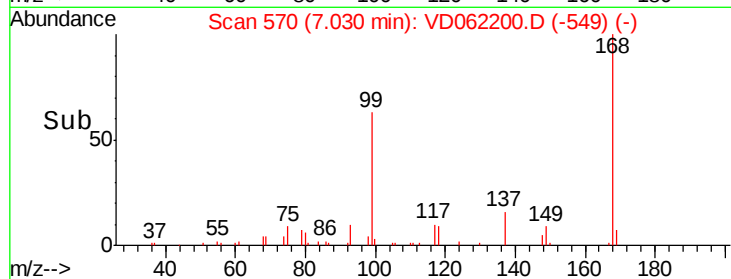
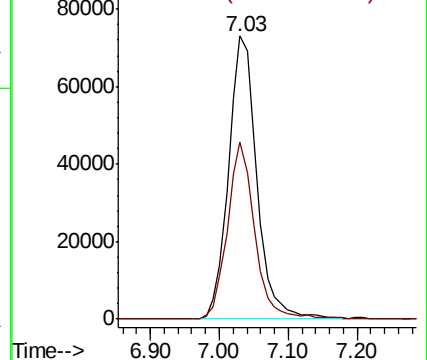
168 100

99 62.8 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: 4.826 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.03 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

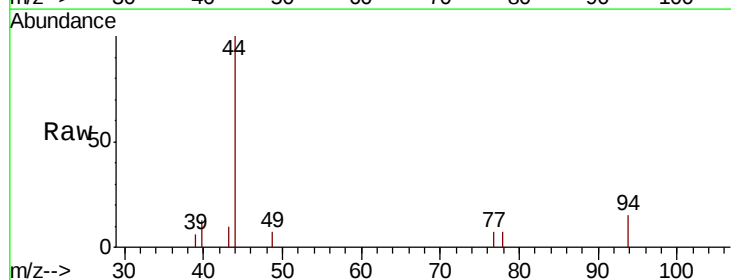
Tgt Ion: 94 Resp: 1599

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

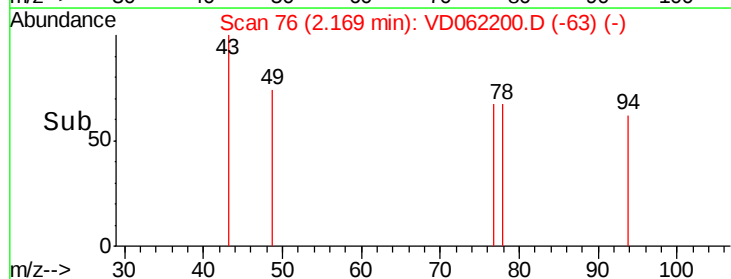
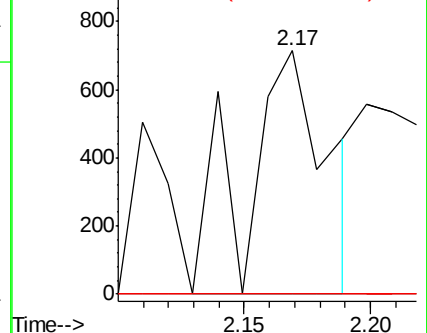
93 0.0 18.5 27.7#

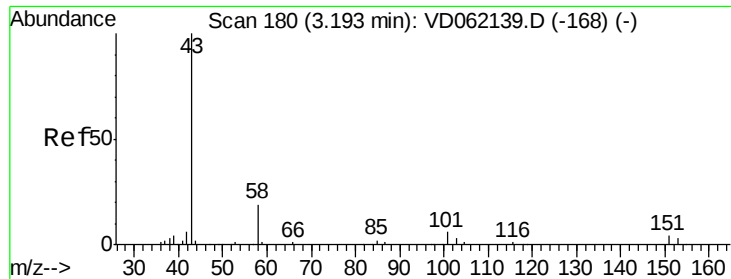


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 4.252 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

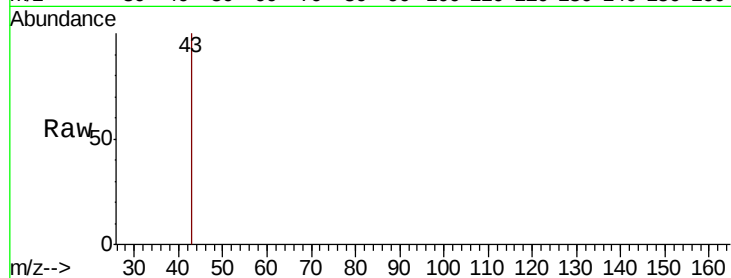
P026-SS002-1218-02

Tgt Ion: 43 Resp: 1725

Ion Ratio Lower Upper

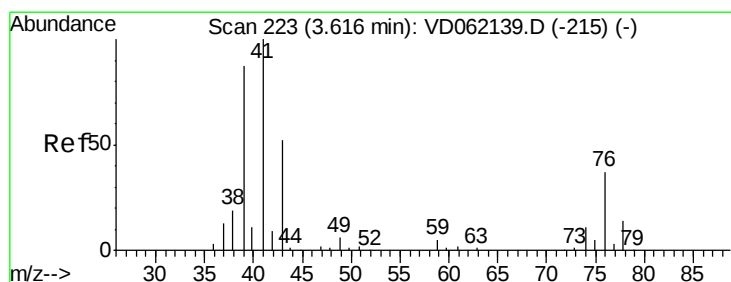
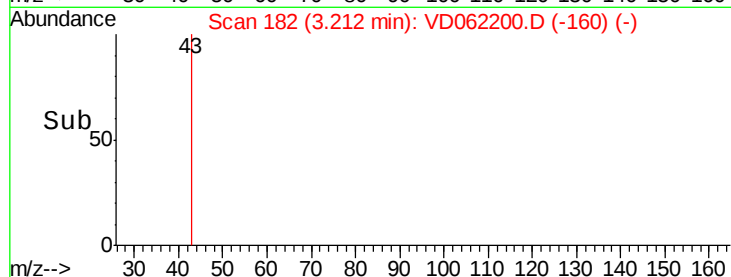
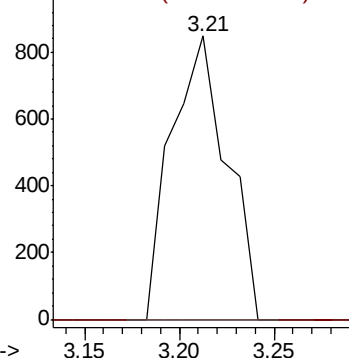
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.015 ug/l

RT: 3.50 min Scan# 211

Delta R.T. -0.12 min

Lab File: VD062200.D

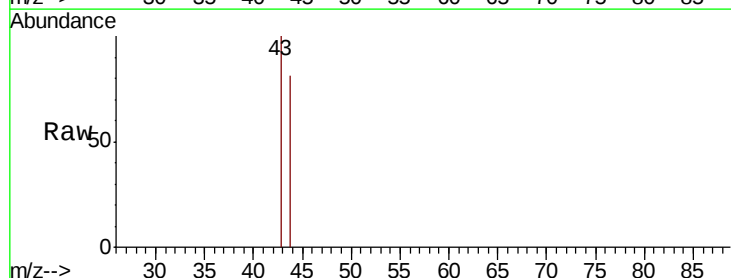
Acq: 9 May 2019 20:50

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

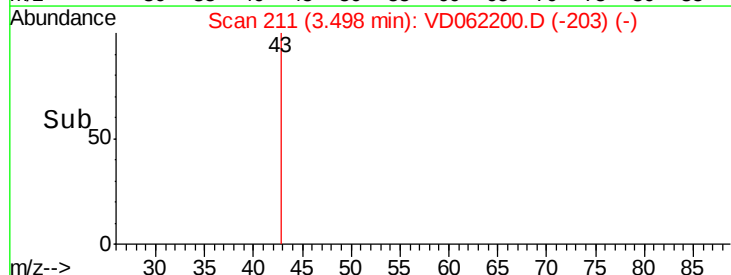
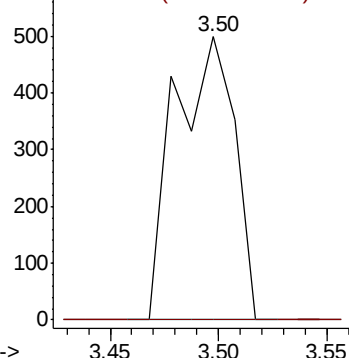
43 100

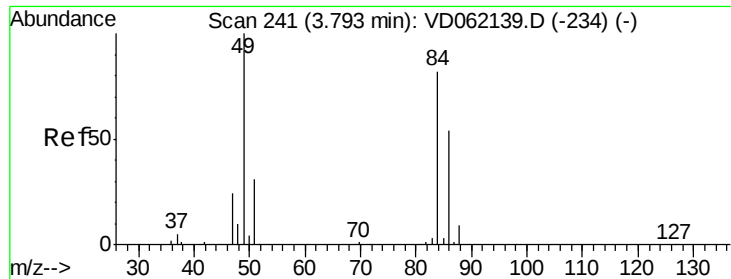
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

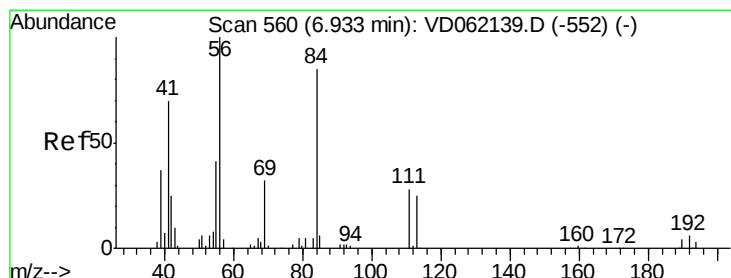
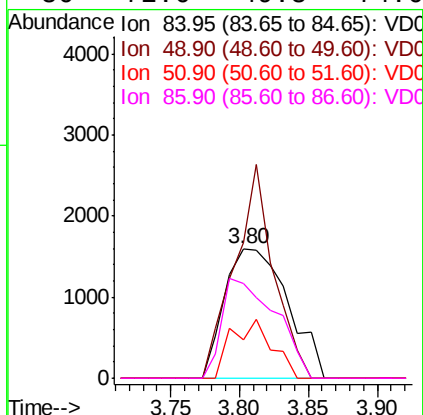
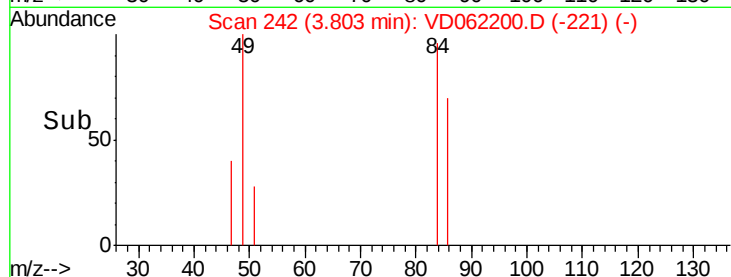
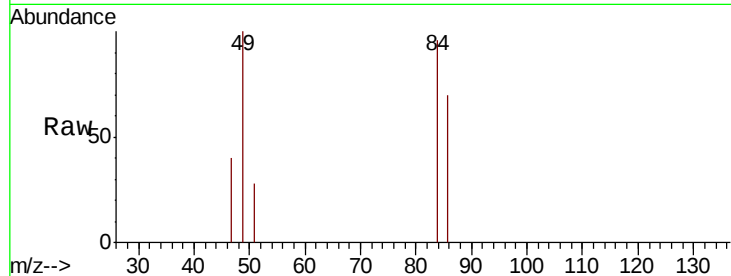




#20
Methylene Chloride
Concen: 3.003 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

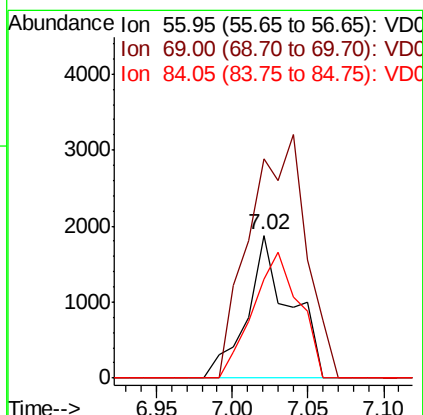
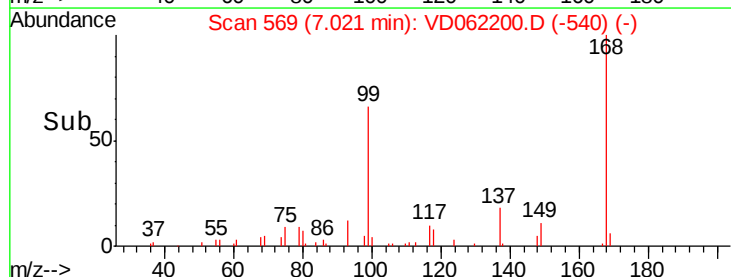
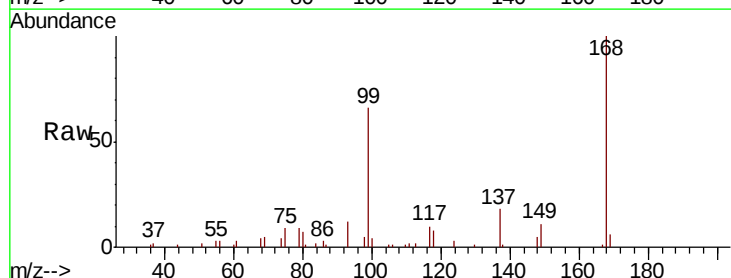
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-02

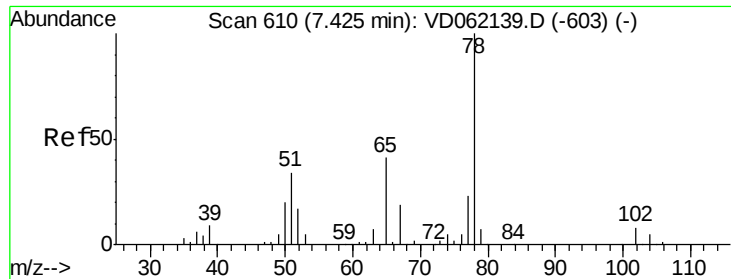
Tgt Ion:	84	Resp:	5088
Ion	Ratio	Lower	Upper
84	100		
49	104.4	94.0	141.0
51	29.5	29.0	43.4
86	72.6	49.8	74.6



#31
Cyclohexane
Concen: 1.834 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

Tgt Ion:	56	Resp:	3722
Ion	Ratio	Lower	Upper
56	100		
69	153.5	25.8	38.6#
84	69.6	72.2	108.4#





#33

1,2-Dichloroethane-d4

Concen: 124.811 ug/l

RT: 7.43 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

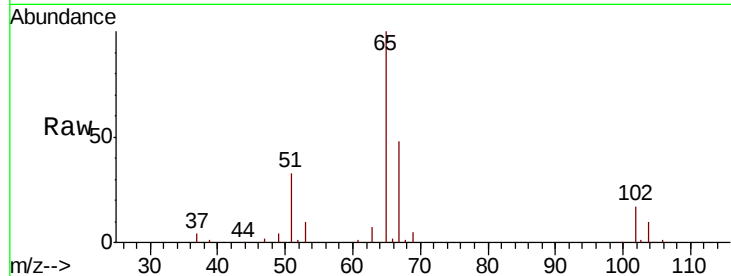
P026-SS002-1218-02

Tgt Ion: 65 Resp: 241476

Ion Ratio Lower Upper

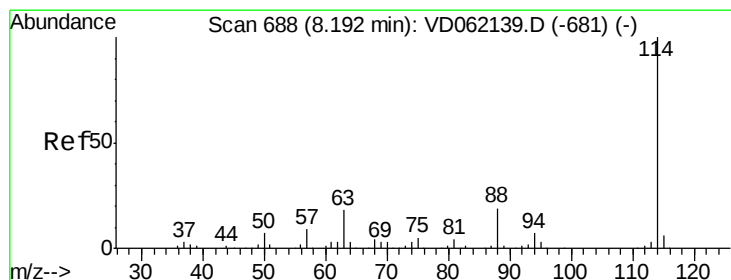
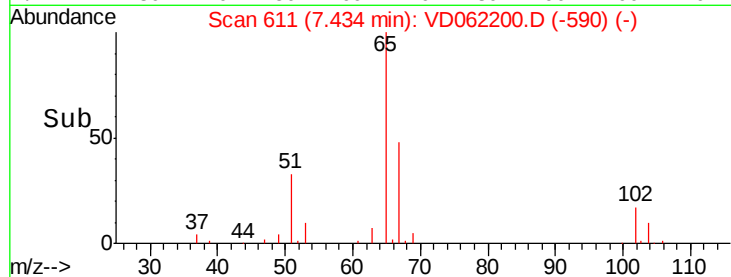
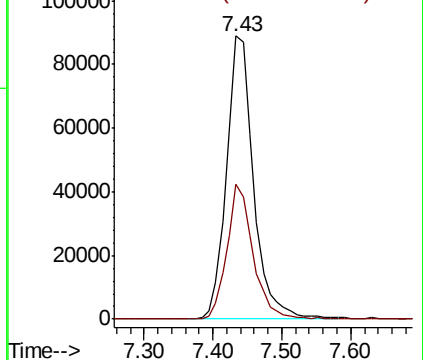
65 100

67 47.6 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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

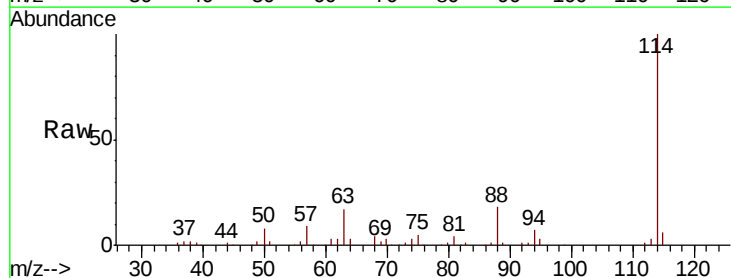
Tgt Ion: 114 Resp: 362743

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.4

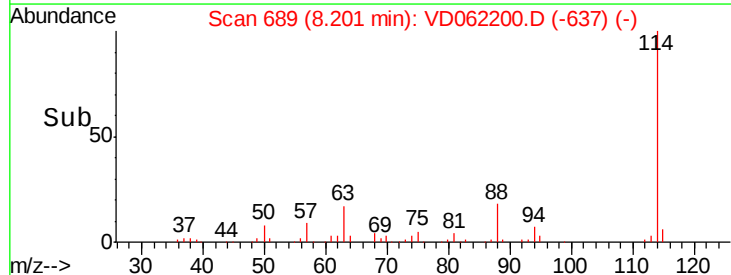
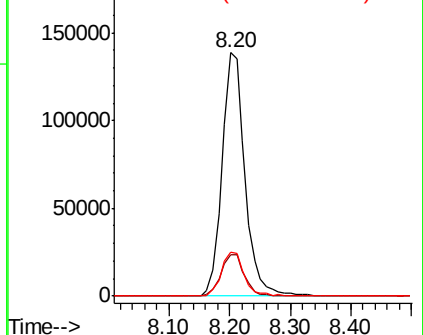
88 17.9 0.0 33.6

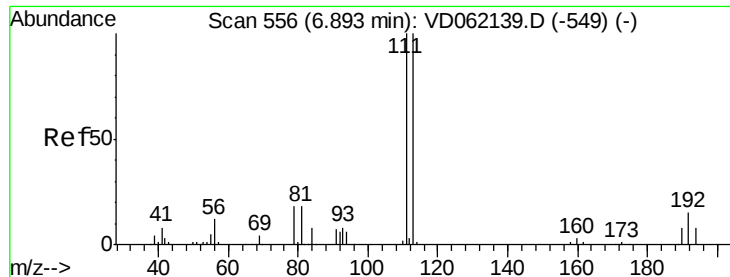


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

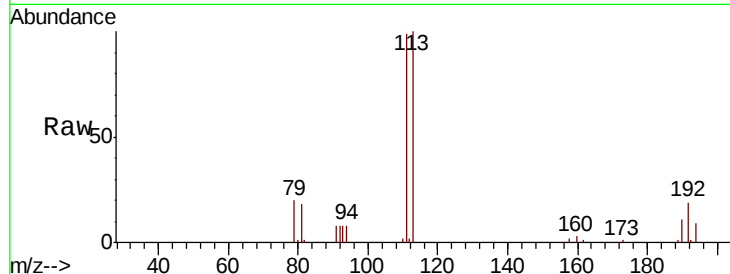




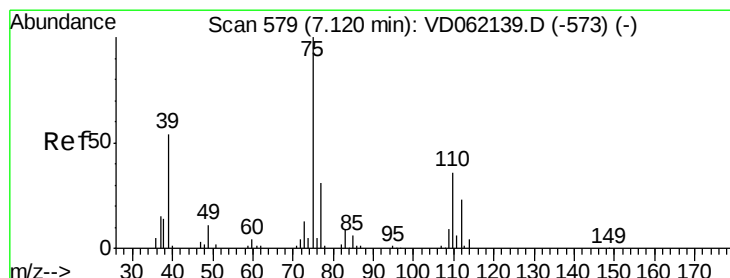
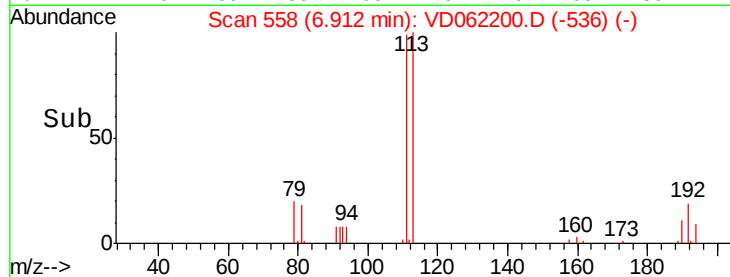
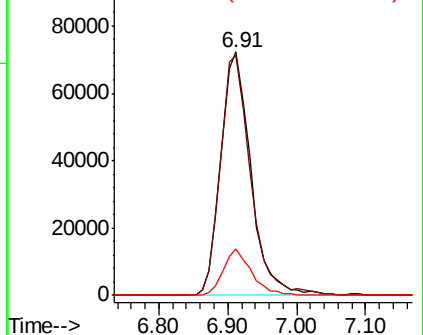
#35
 Dibromofluoromethane
 Concen: 72.748 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD062200.D
 Acq: 9 May 2019 20:50

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-02

Tgt Ion: 113 Resp: 218950
 Ion Ratio Lower Upper
 113 100
 111 98.6 78.5 117.7
 192 19.2 13.0 19.4

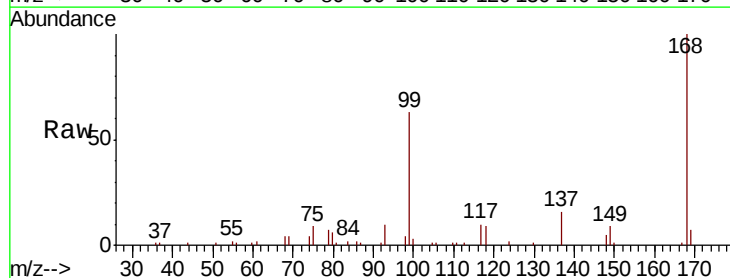


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

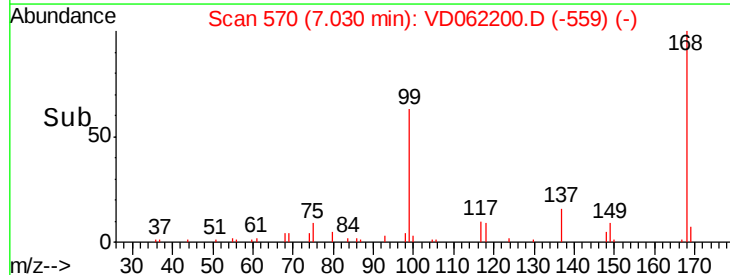
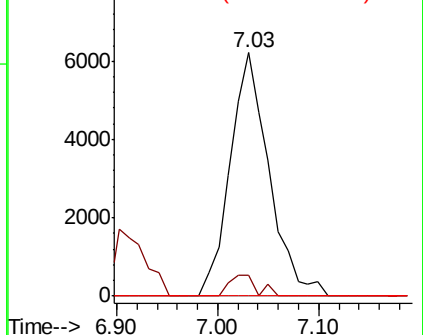


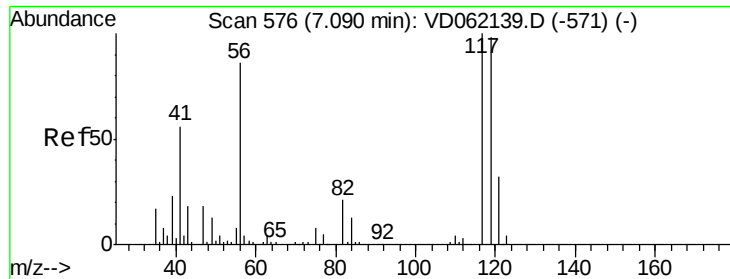
#36
 1,1-Dichloropropene
 Concen: 5.596 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: VD062200.D
 Acq: 9 May 2019 20:50

Tgt Ion: 75 Resp: 16643
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.1 57.1#
 77 0.0 25.6 38.4#



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: 4.927 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-02

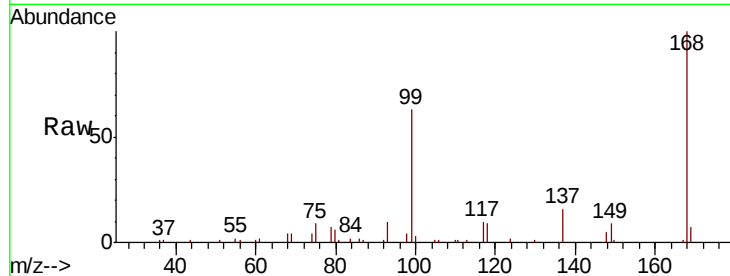
Tgt Ion:117 Resp: 20280

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

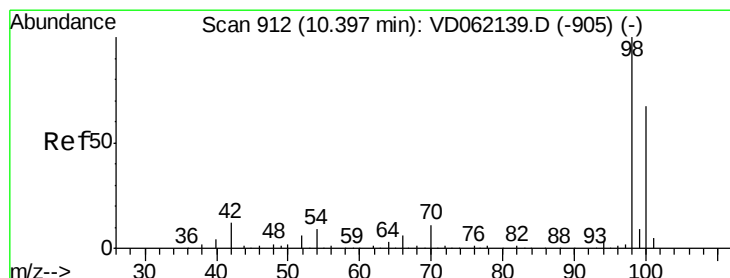
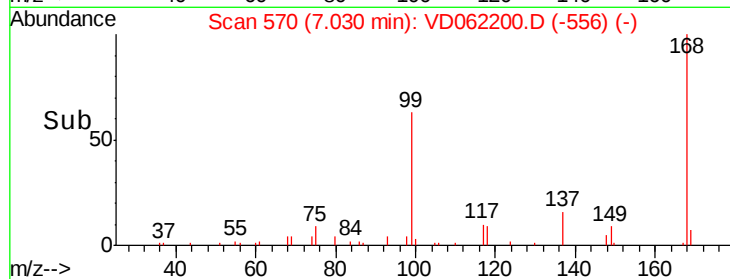
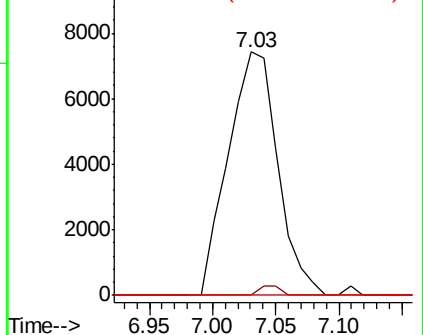
121 0.0 25.9 38.9#



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: 49.658 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD062200.D

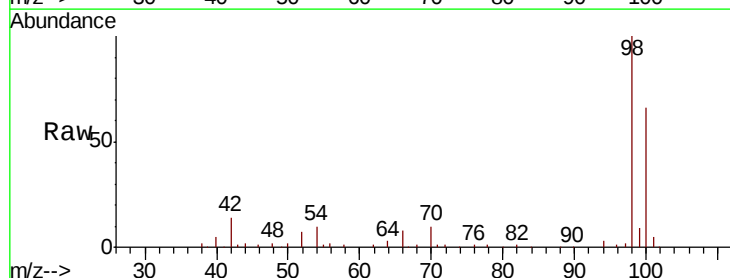
Acq: 9 May 2019 20:50

Tgt Ion: 98 Resp: 360352

Ion Ratio Lower Upper

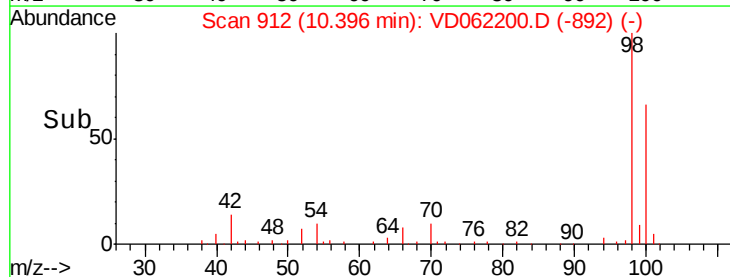
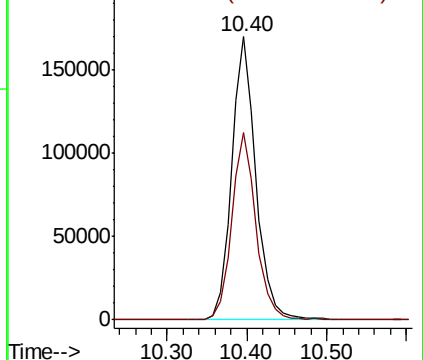
98 100

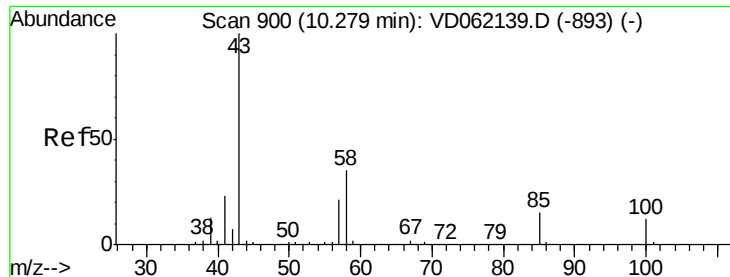
100 66.3 53.8 80.8



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: 1.558 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.12 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

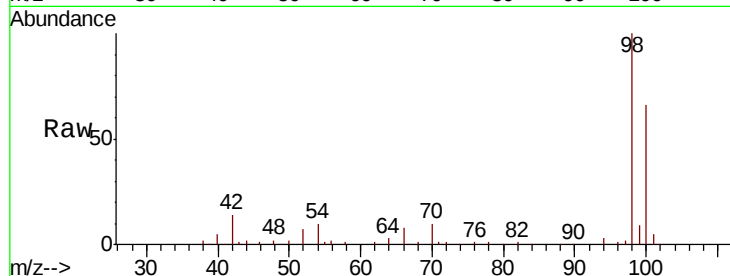
P026-SS002-1218-02

Tgt Ion: 43 Resp: 1792

Ion Ratio Lower Upper

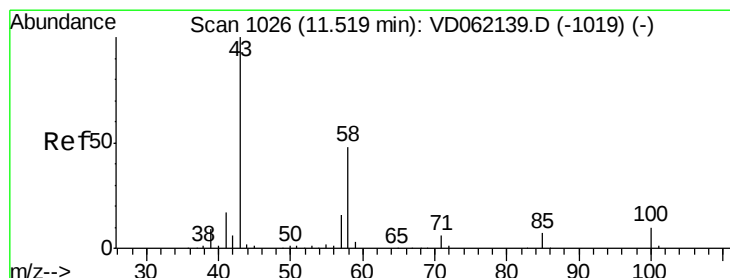
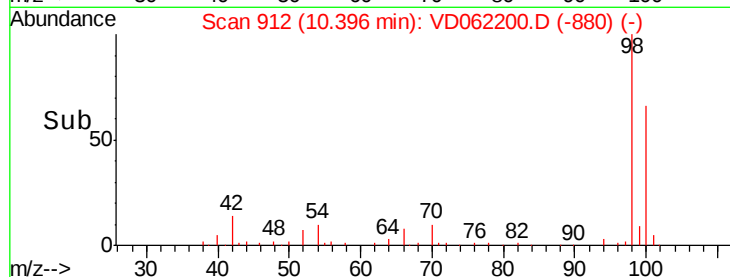
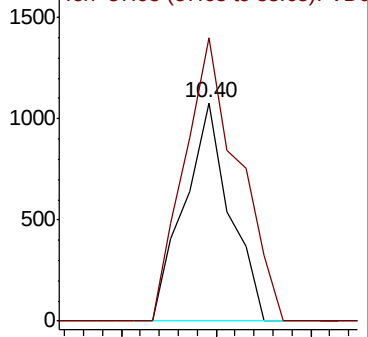
43 100

58 129.7 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#59

2-Hexanone

Concen: 1.044 ug/l

RT: 11.51 min Scan# 1025

Delta R.T. -0.01 min

Lab File: VD062200.D

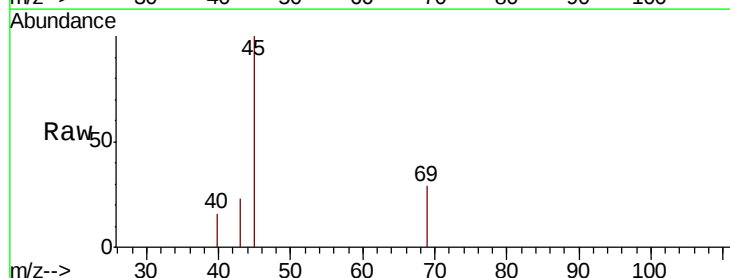
Acq: 9 May 2019 20:50

Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

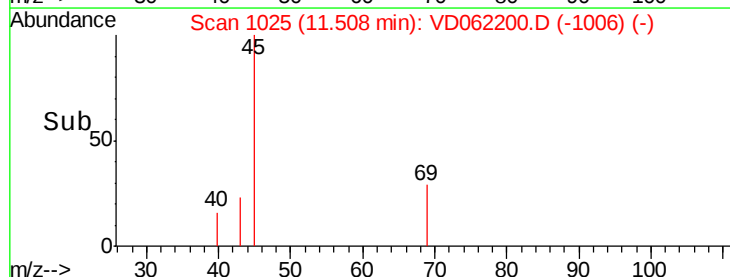
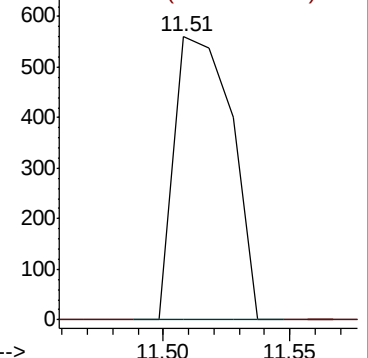
43 100

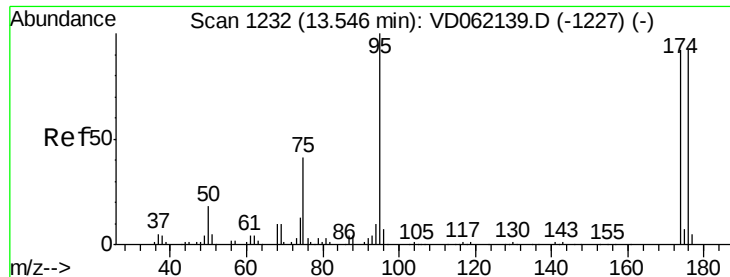
58 0.0 25.4 76.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: 55.141 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-02

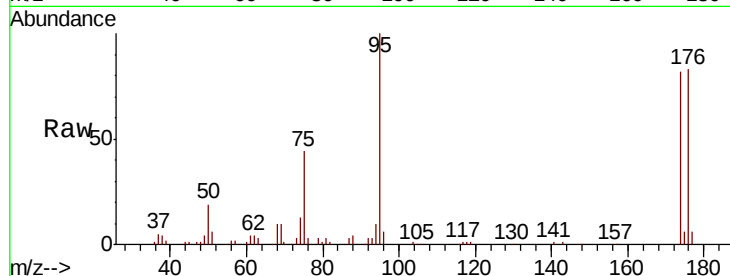
Tgt Ion: 95 Resp: 160681

Ion Ratio Lower Upper

95 100

174 81.7 0.0 181.8

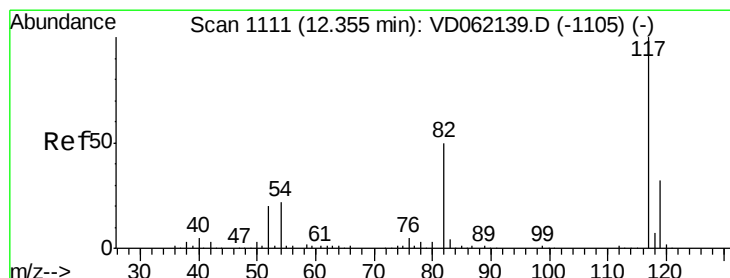
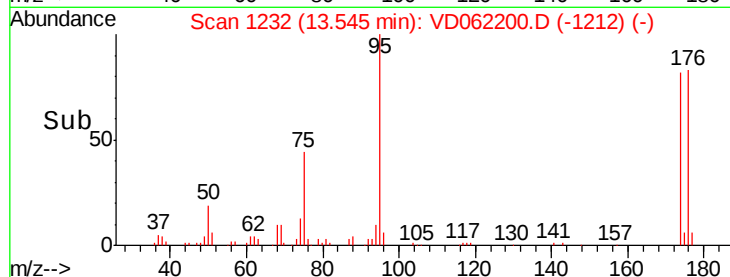
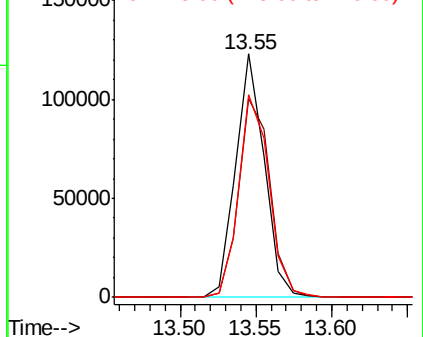
176 83.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.35 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

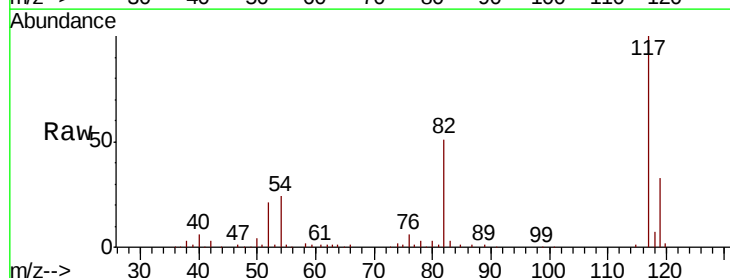
Tgt Ion: 117 Resp: 274964

Ion Ratio Lower Upper

117 100

82 50.7 36.2 54.2

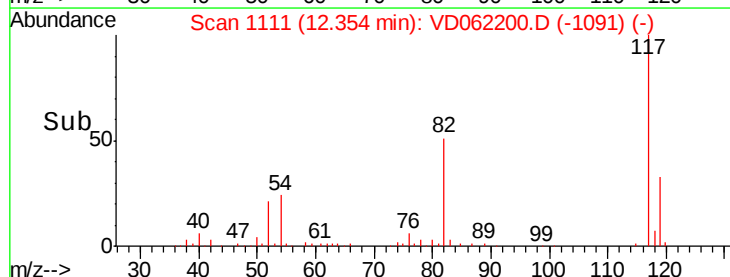
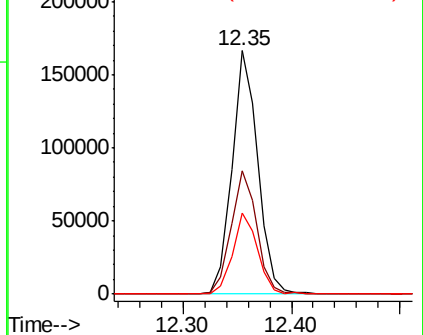
119 33.1 26.2 39.4

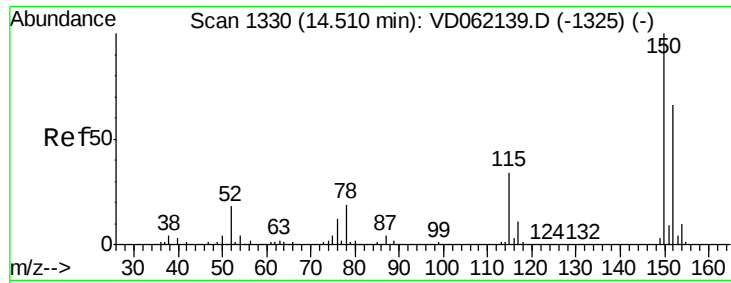


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-02

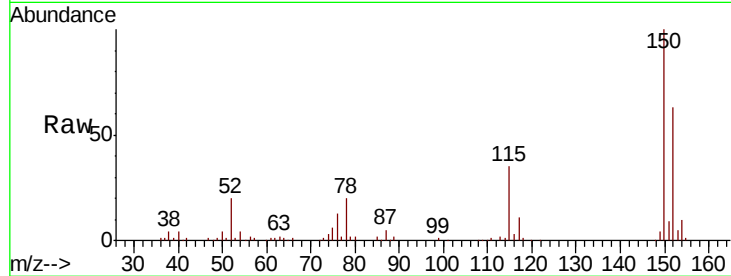
Tgt Ion:152 Resp: 136494

Ion Ratio Lower Upper

152 100

115 54.9 30.9 92.7

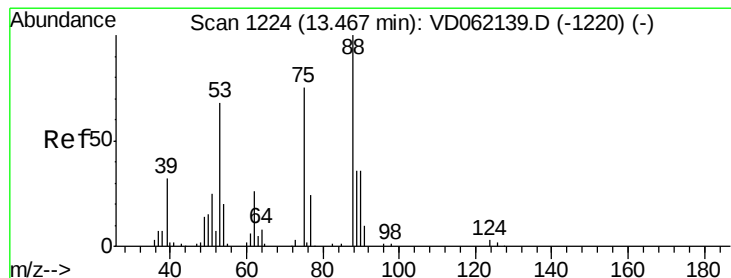
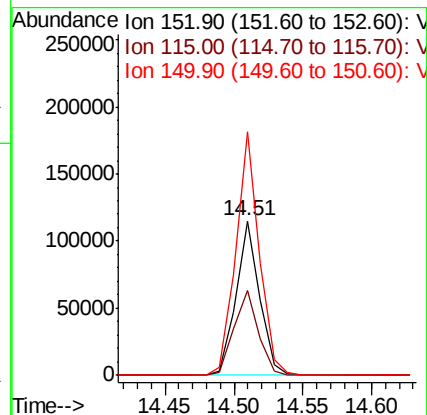
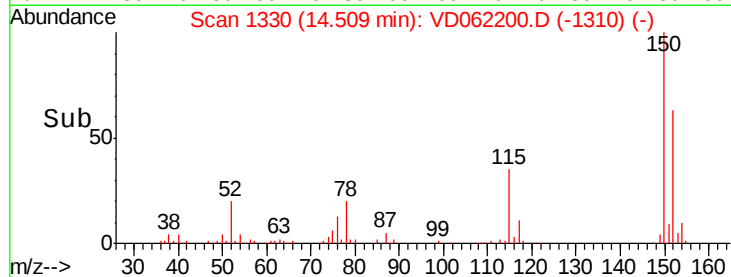
150 157.9 0.0 314.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 150.727 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

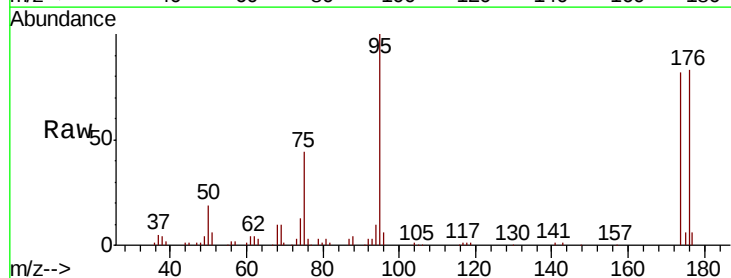
Tgt Ion: 75 Resp: 69023

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

