

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062846.D
 Acq On : 24 Jun 2019 17:53
 Operator : VA/AP
 Sample : K3500-02
 Misc : 5.01µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(9-10)

Quant Time: Jun 25 05:04:53 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	7.05	168	699291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1022069	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	823678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	454520	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	416837	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
35) Dibromofluoromethane	6.93	113	439904	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.42	98	870312	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	13.56	95	430677	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

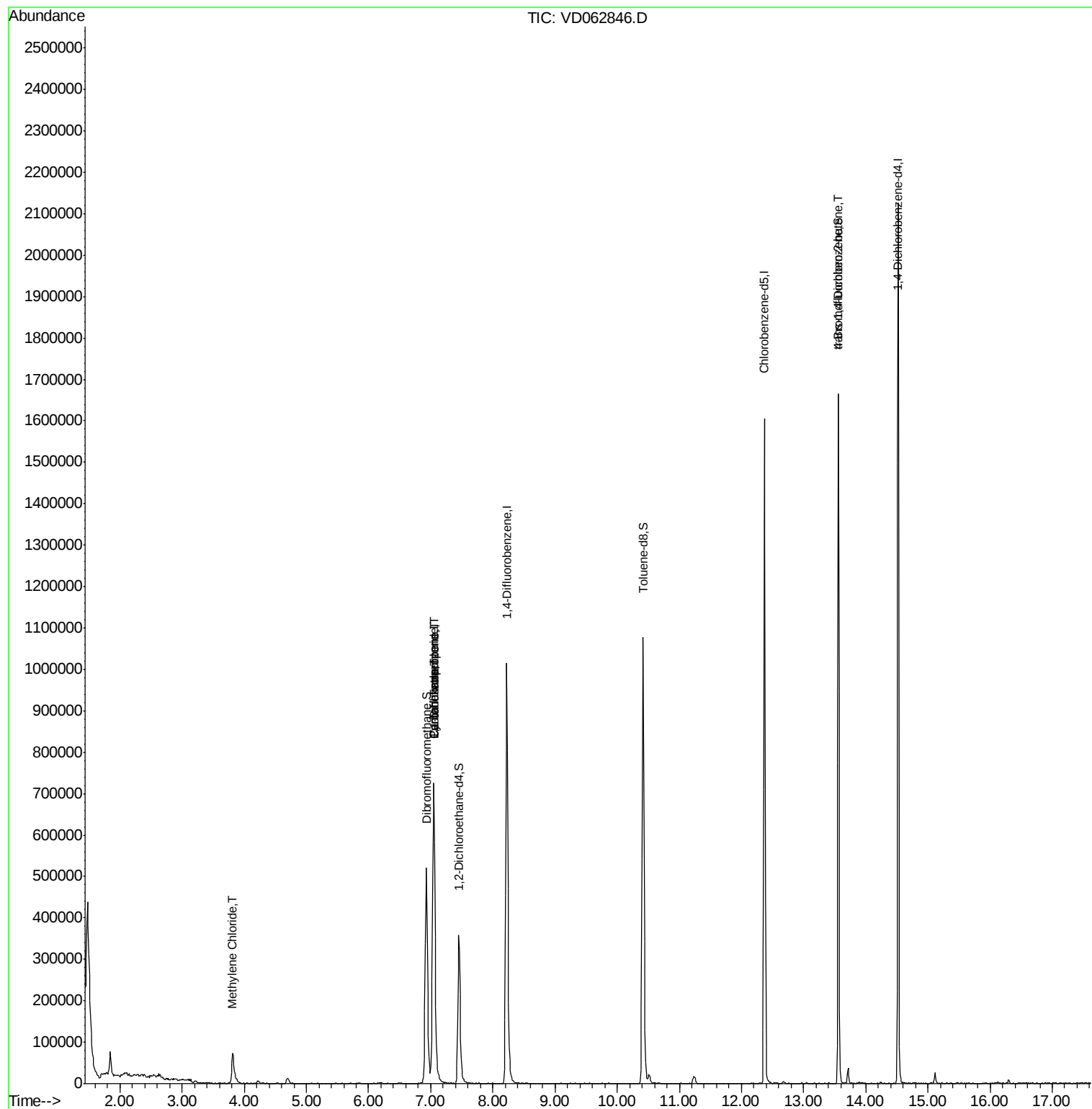
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	7956	Below Cal	#	78
20) Methylene Chloride	3.81	84	44532	7.682	ug/l #	79
31) Cyclohexane	7.05	56	18013	2.524	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	55722	5.759	ug/l #	54
37) Ethyl Acetate	6.13	43	246	Below Cal	#	69
38) Carbon Tetrachloride	7.04	117	73585	5.057	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	209416	152.282	ug/l #	2

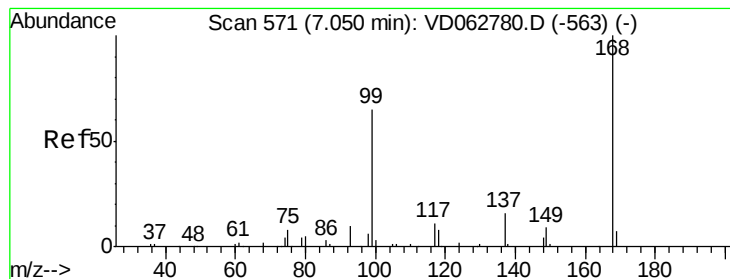
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062846.D
Acq On : 24 Jun 2019 17:53
Operator : VA/AP
Sample : K3500-02
Misc : 5.01a/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-10)

Quant Time: Jun 25 05:04:53 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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

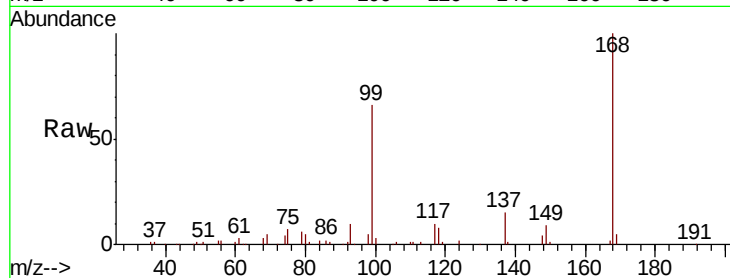
B-2(9-10)

Tot Ion:168 Resp: 699291

Ion Ratio Lower Upper

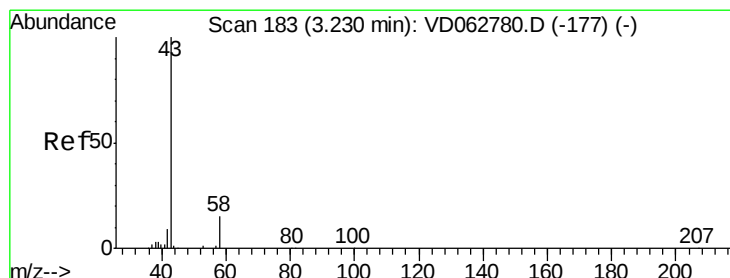
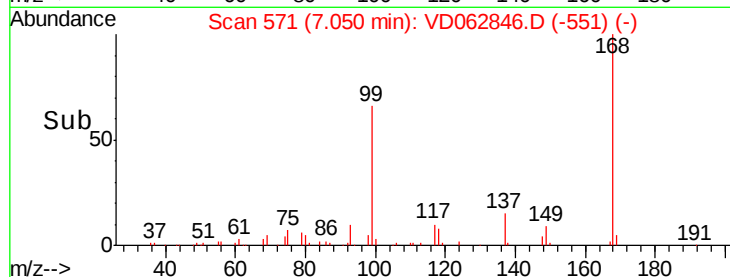
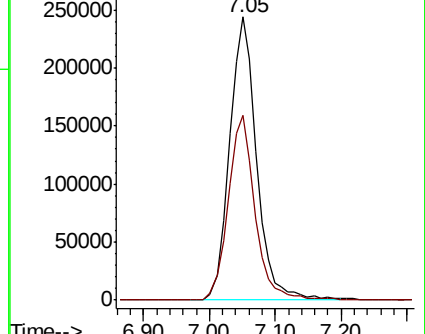
168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: Below Cal

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062846.D

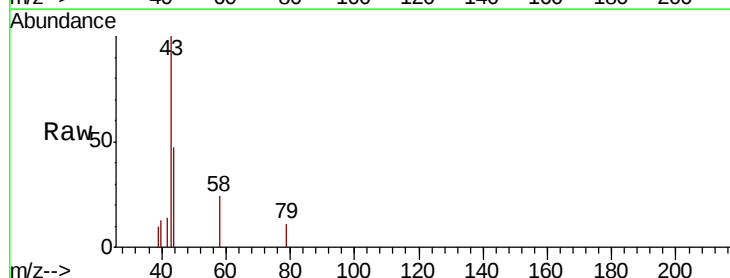
Acq: 24 Jun 2019 17:53

Tgt Ion: 43 Resp: 7956

Ion Ratio Lower Upper

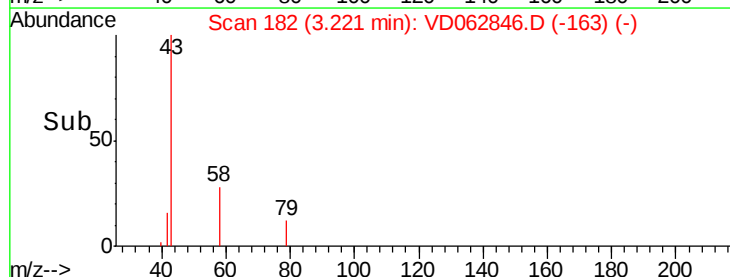
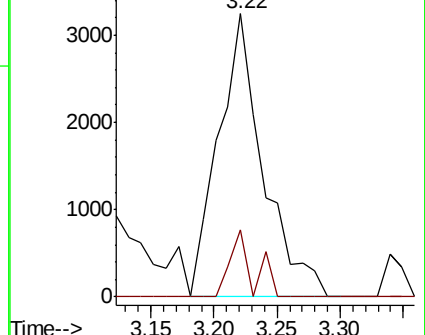
43 100

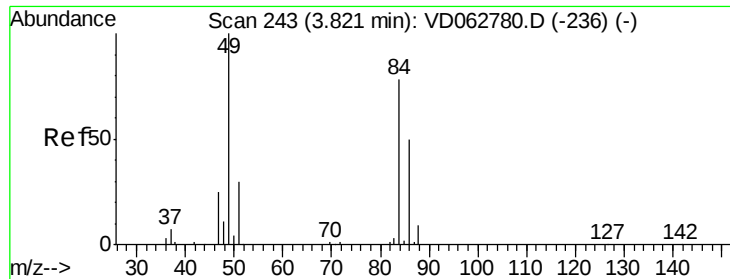
58 23.8 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

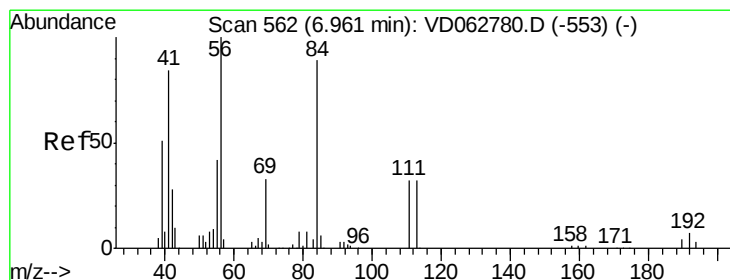
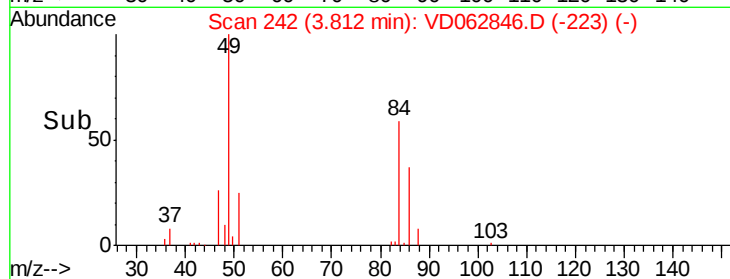
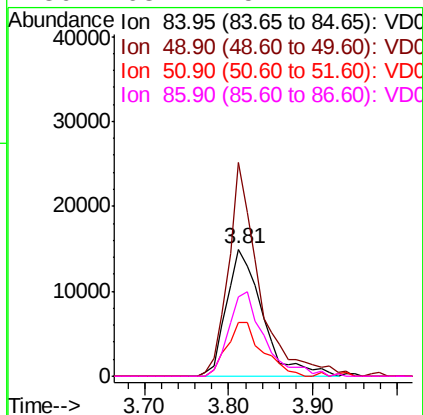
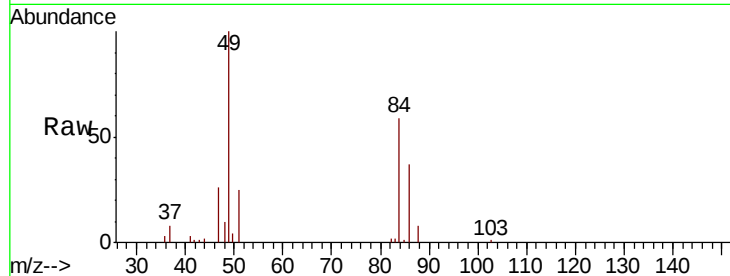




#20
Methvlene Chloride
Concen: 7.682 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

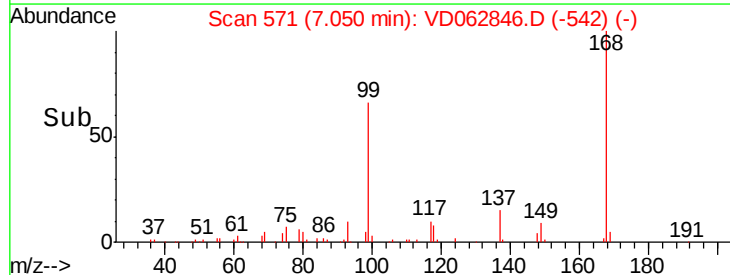
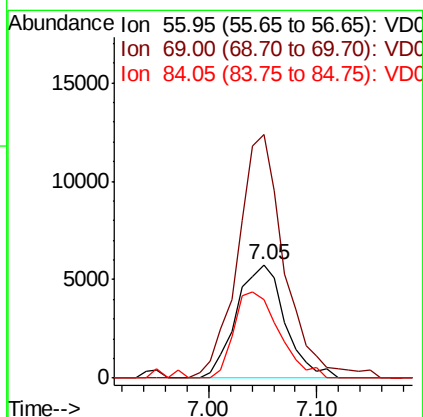
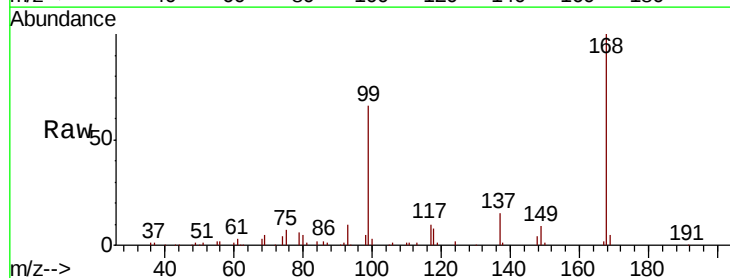
Instrument :
MSVOA_D
ClientSampleId :
B-2(9-10)

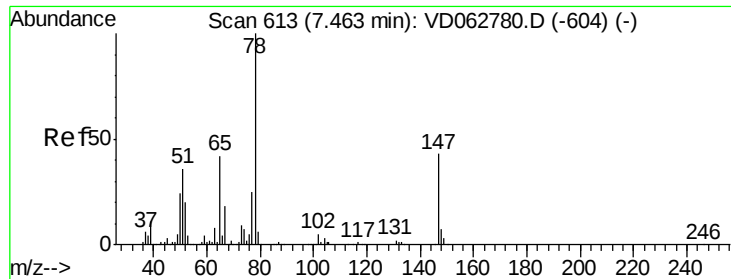
Tot Ion: 84 Resp: 44532
Ion Ratio Lower Upper
84 100
49 168.5 102.9 154.3#
51 42.6 31.2 46.8
86 63.1 51.4 77.2



#31
Cyclohexane
Concen: 2.524 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

Tgt Ion: 56 Resp: 18013
Ion Ratio Lower Upper
56 100
69 214.3 26.6 39.8#
84 69.0 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 54.838 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

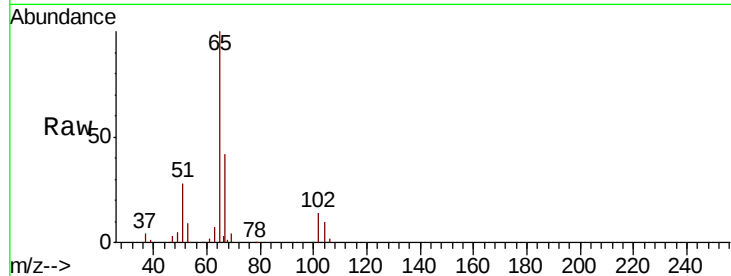
B-2(9-10)

Tot Ion: 65 Resp: 416837

Ion Ratio Lower Upper

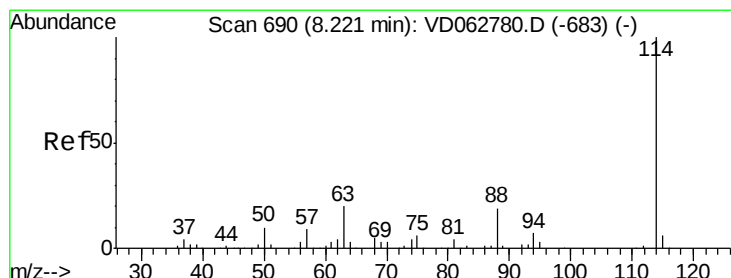
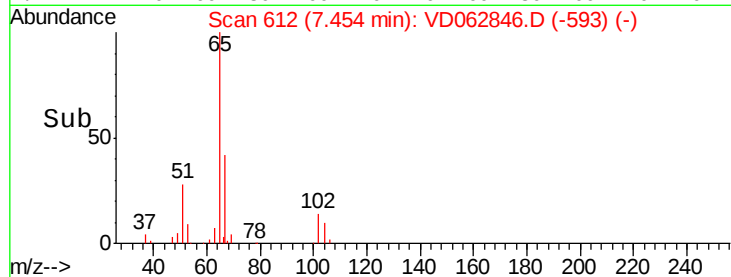
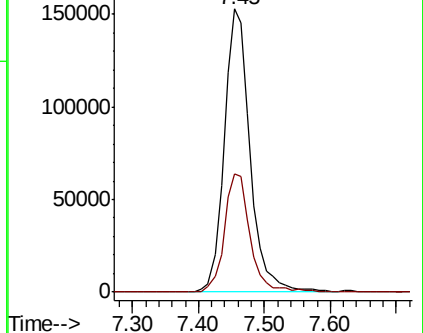
65 100

67 42.0 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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

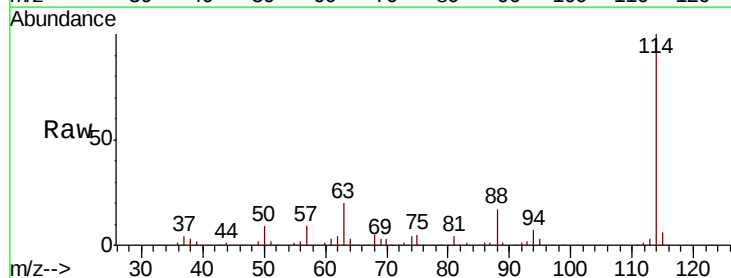
Tgt Ion: 114 Resp: 1022069

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

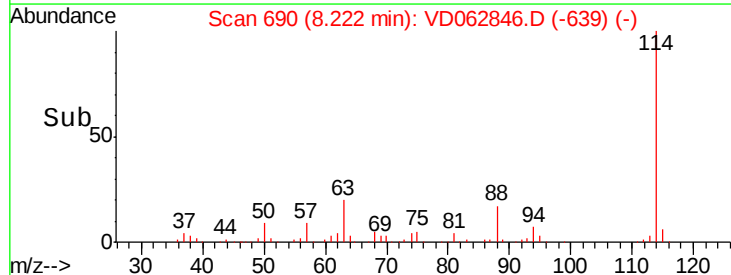
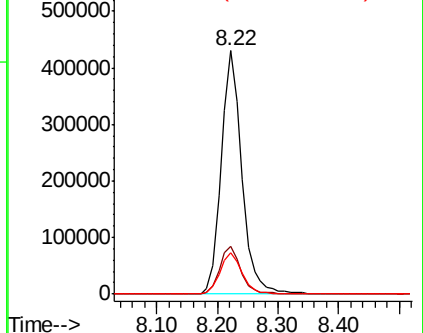
88 17.0 0.0 38.8

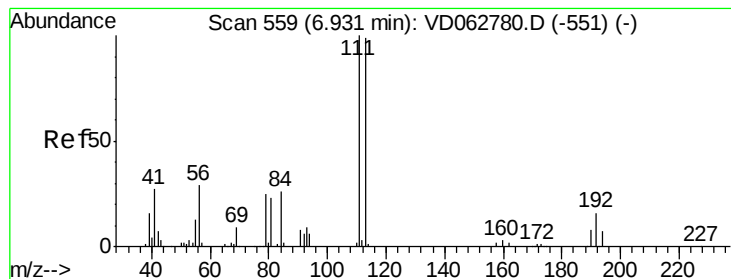


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.045 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

B-2(9-10)

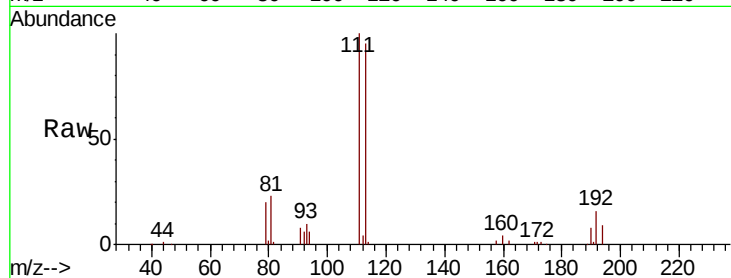
Tot Ion:113 Resp: 439904

Ion Ratio Lower Upper

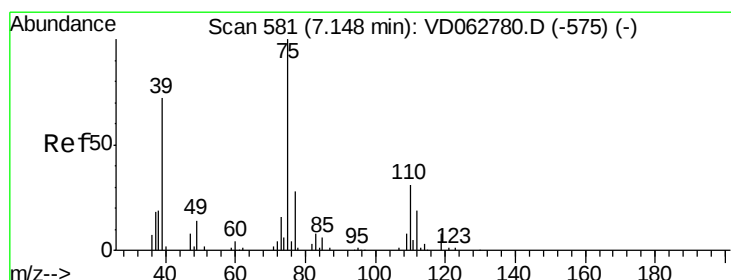
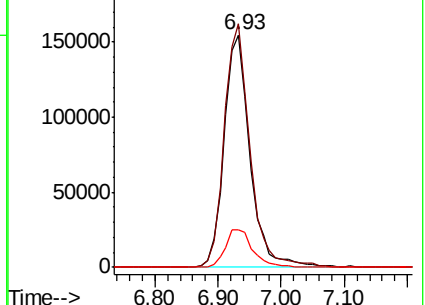
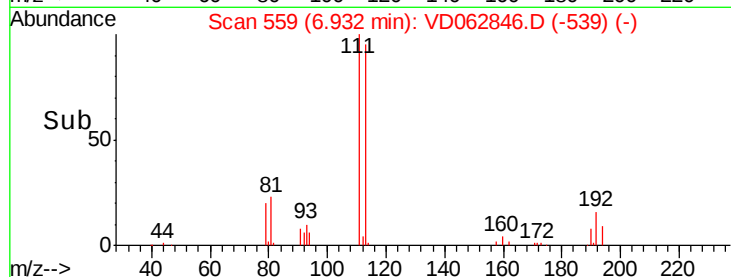
113 100

111 104.8 81.2 121.8

192 16.3 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: 5.759 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

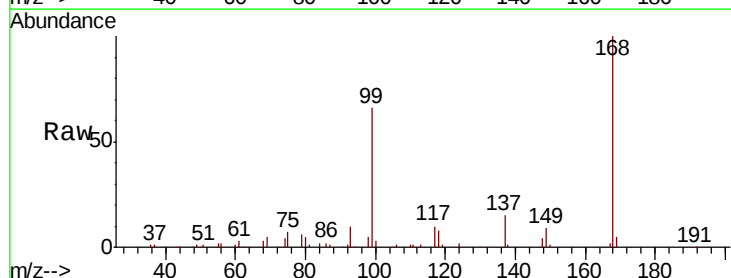
Tgt Ion: 75 Resp: 55722

Ion Ratio Lower Upper

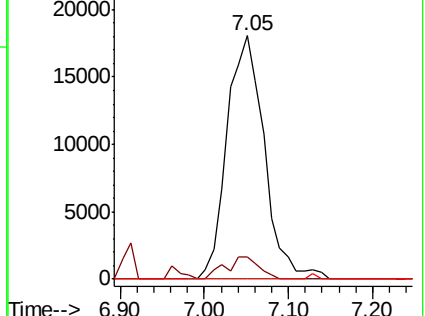
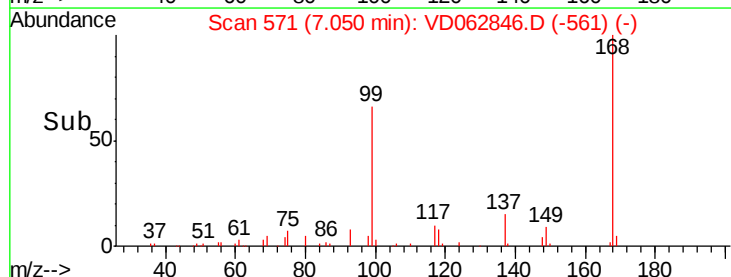
75 100

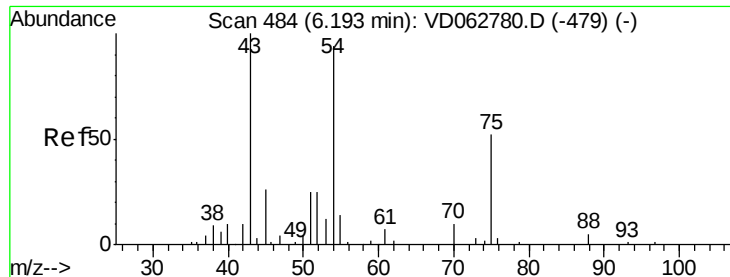
110 9.0 15.0 45.1#

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

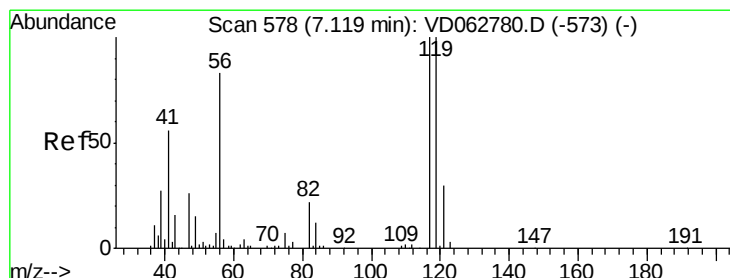
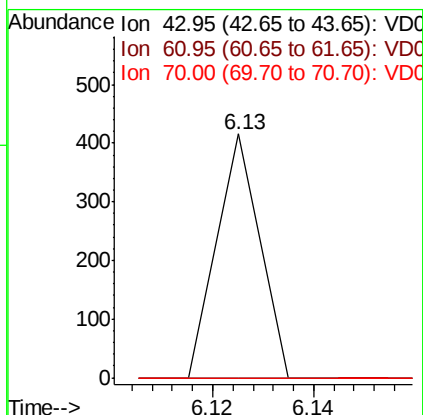
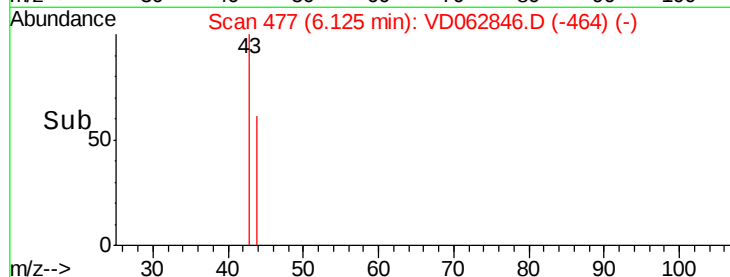
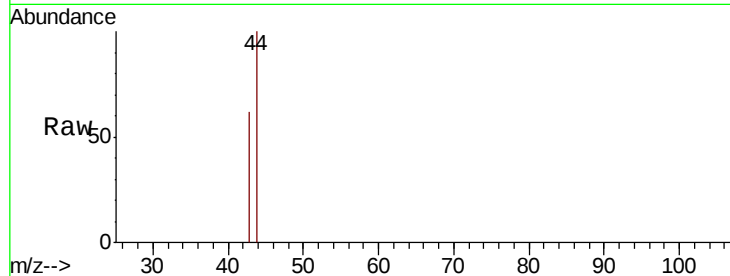




#37
Ethyl Acetate
Concen: Below Cal
RT: 6.13 min Scan# 477
Delta R.T. -0.07 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

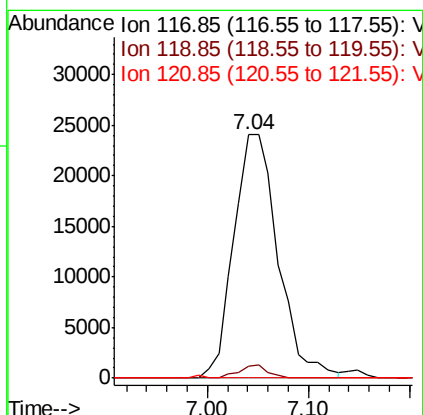
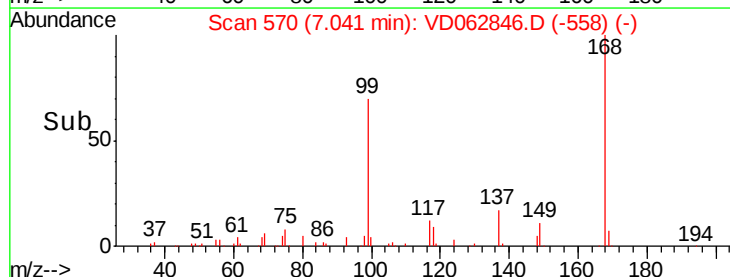
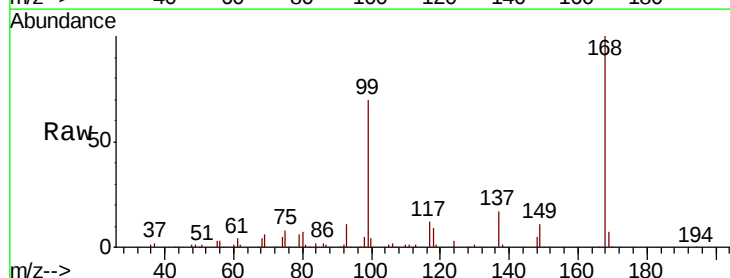
Instrument :
MSVOA_D
ClientSampled :
B-2(9-10)

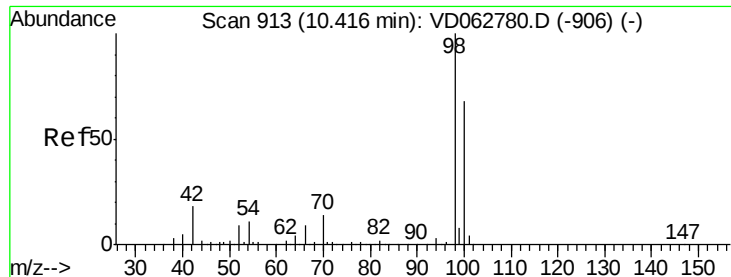
Tot Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 6.4 9.6#



#38
Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

Tgt Ion: 117 Resp: 73585
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 22.3 33.5#





#50

Toluene-d8

Concen: 46.400 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

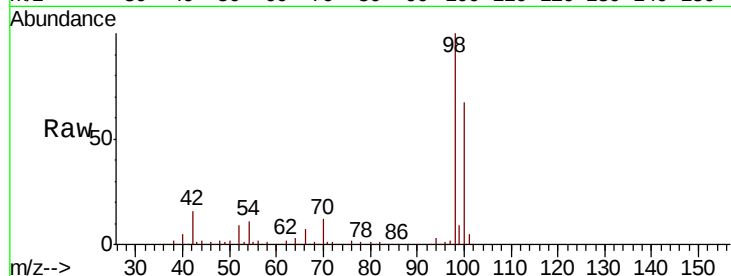
B-2(9-10)

Tot Ion: 98 Resp: 870312

Ion Ratio Lower Upper

98 100

100 67.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

400000

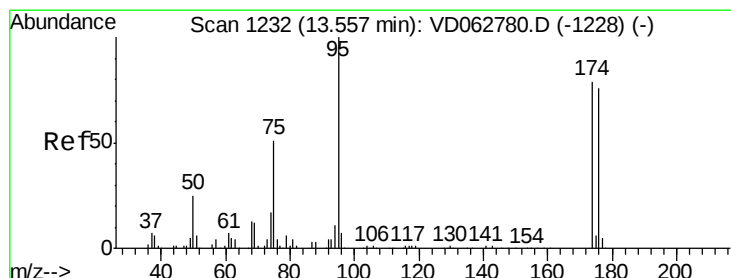
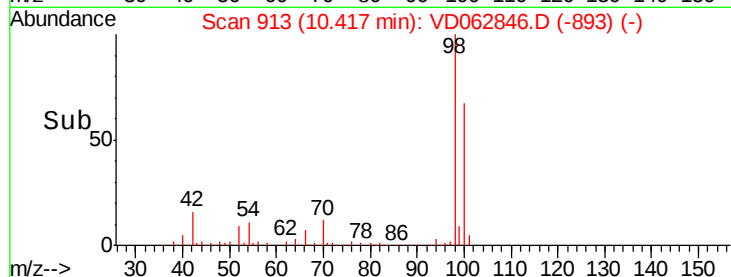
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

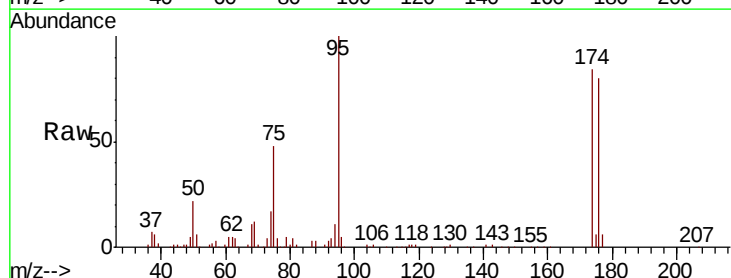
Tgt Ion: 95 Resp: 430677

Ion Ratio Lower Upper

95 100

174 84.3 0.0 158.0

176 80.5 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.56

400000

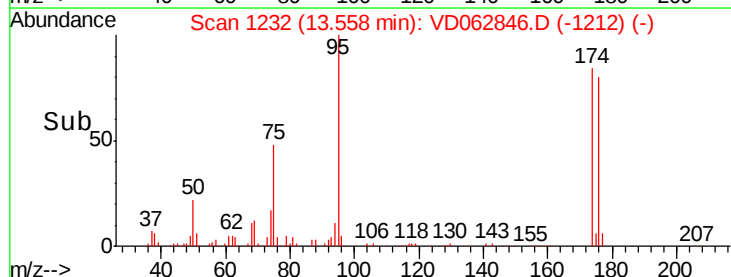
300000

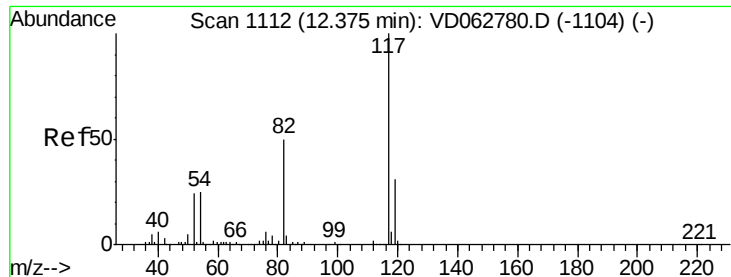
200000

100000

0

Time-->

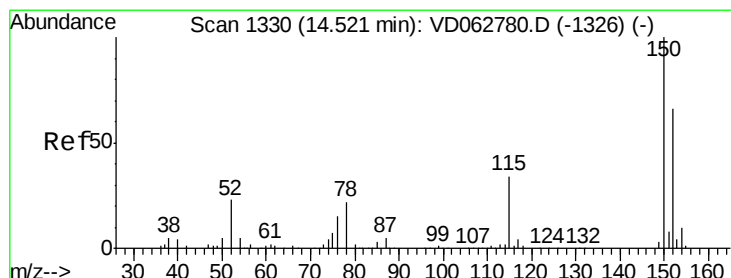
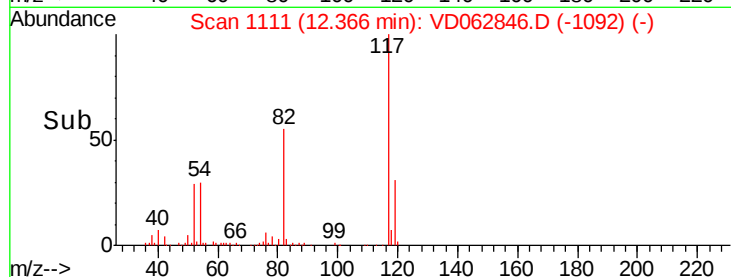
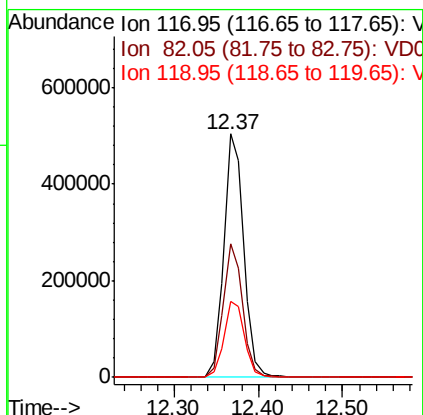
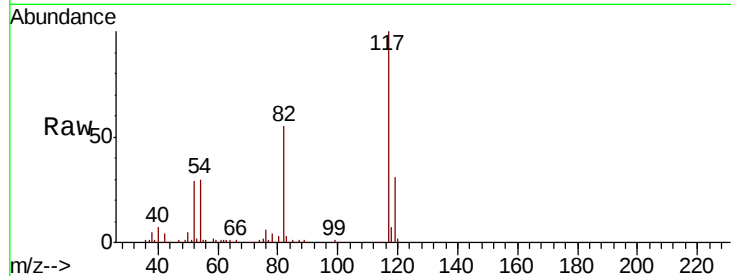




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

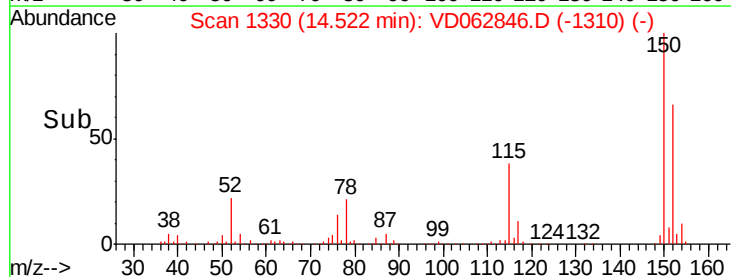
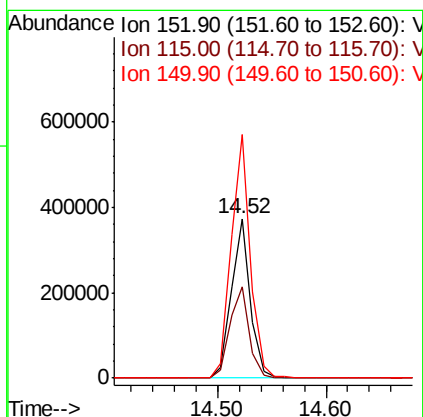
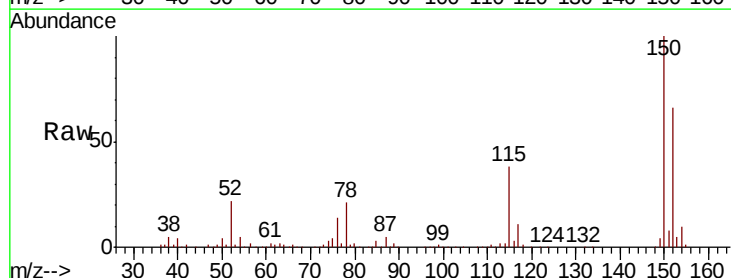
Instrument :
MSVOA_D
ClientSampleId :
B-2(9-10)

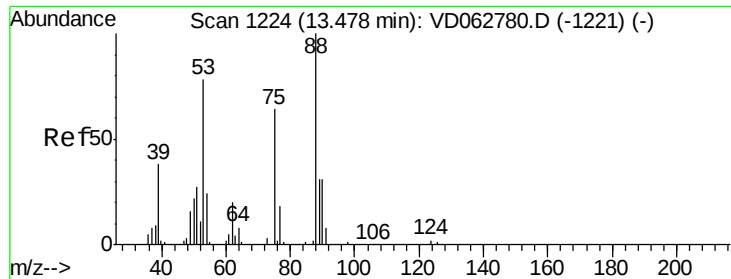
Tot Ion:117 Resp: 823678
Ion Ratio Lower Upper
117 100
82 54.6 40.4 60.6
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062846.D
Acq: 24 Jun 2019 17:53

Tgt Ion:152 Resp: 454520
Ion Ratio Lower Upper
152 100
115 57.3 29.2 87.6
150 152.5 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 152.282 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

B-2(9-10)

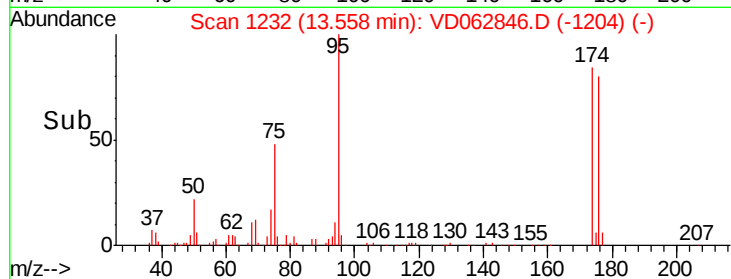
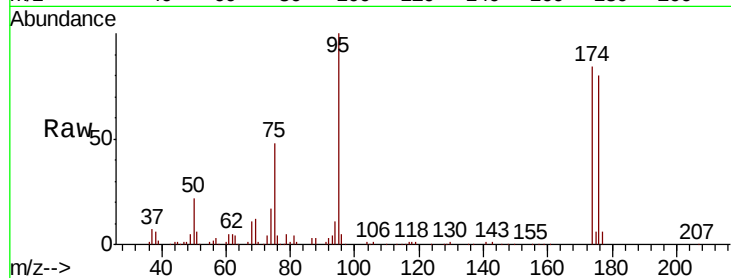
Tot Ion: 75 Resp: 209416

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



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

