

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062962.D
 Acq On : 28 Jun 2019 13:24
 Operator : VA/AP
 Sample : K3552-16
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-8A

Quant Time: Jun 29 00:14:40 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

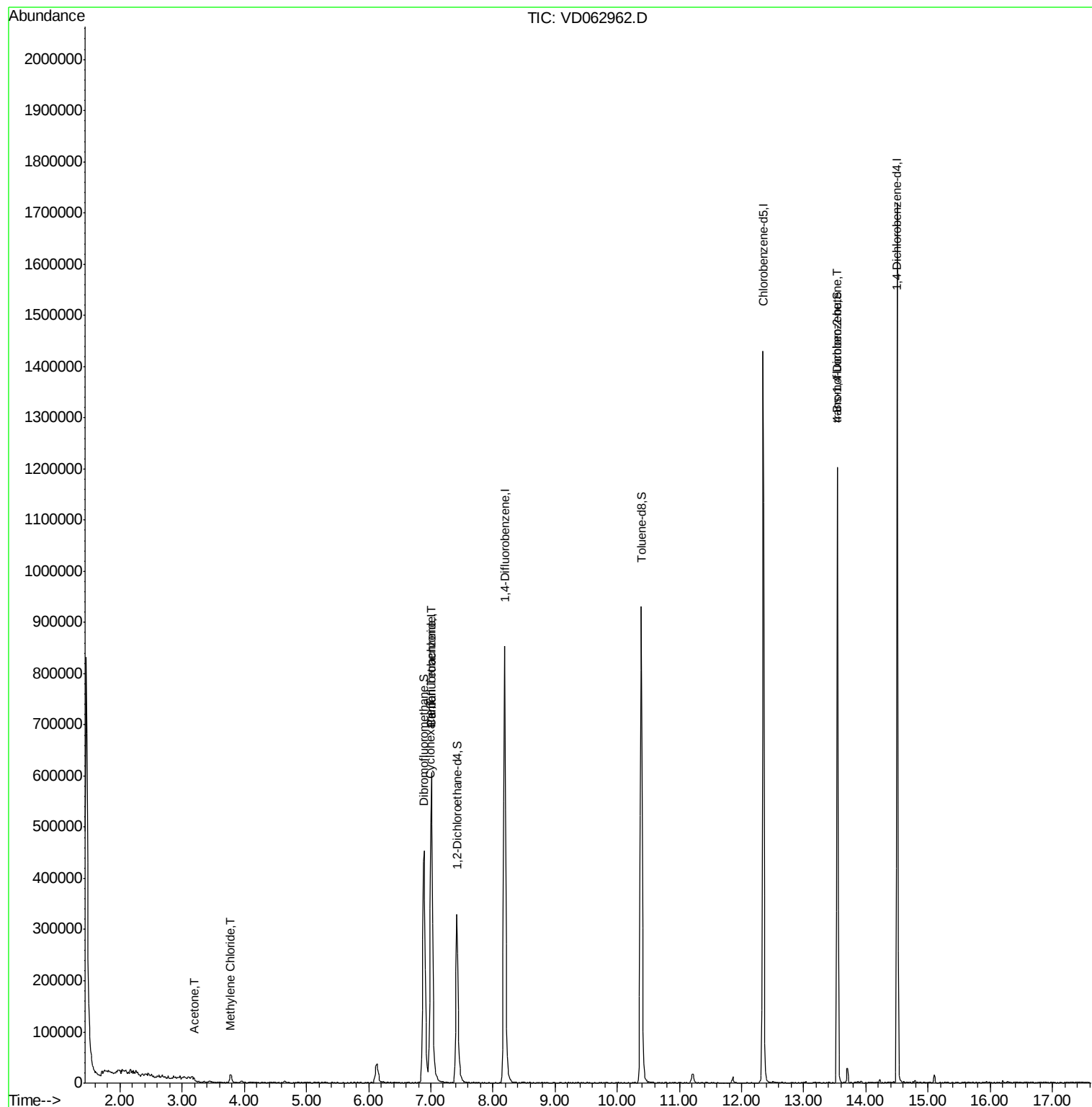
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	569048	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	897598	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	744853	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	370074	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	379185	61.30	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	122.60%	
35) Dibromofluoromethane	6.89	113	390395	51.58	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.39	98	755979	45.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	13.54	95	359352	47.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
					Qvalue	
16) Acetone	3.19	43	13240	3.662	ug/l #	64
20) Methylene Chloride	3.77	84	9549	2.024	ug/l #	79
31) Cyclohexane	6.99	56	13747	2.367	ug/l #	29
37) Ethyl Acetate	6.14	43	3761	Below Cal	#	58
38) Carbon Tetrachloride	7.01	117	60417	4.728	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	171259	152.952	ug/l #	2

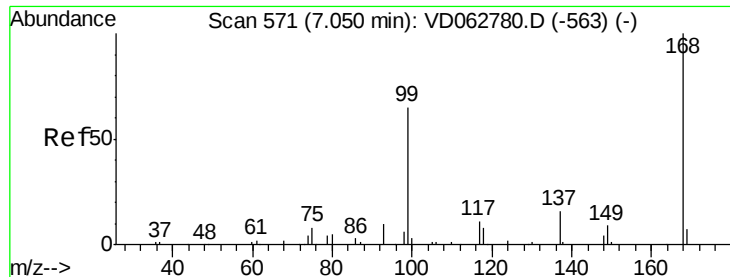
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
Data File : VD062962.D
Acq On : 28 Jun 2019 13:24
Operator : VA/AP
Sample : K3552-16
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
M-8A

Quant Time: Jun 29 00:14:40 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: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

Instrument :

MSVOA_D

ClientSampleId :

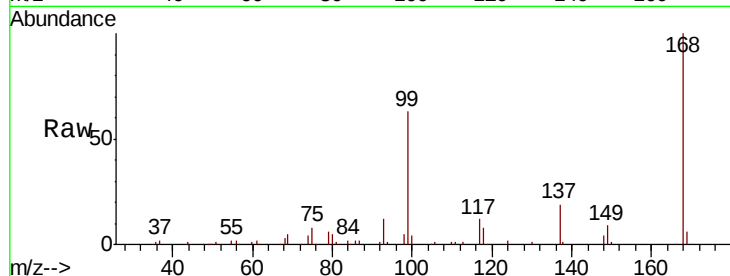
M-8A

Tot Ion:168 Resp: 569048

Ion Ratio Lower Upper

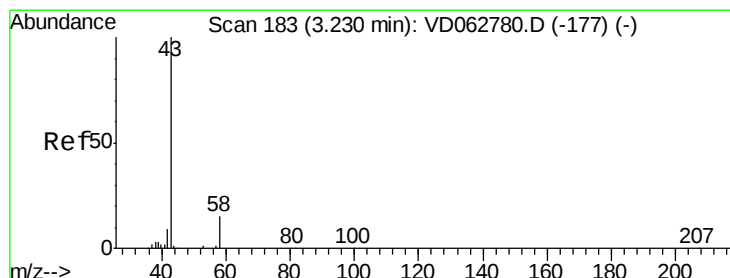
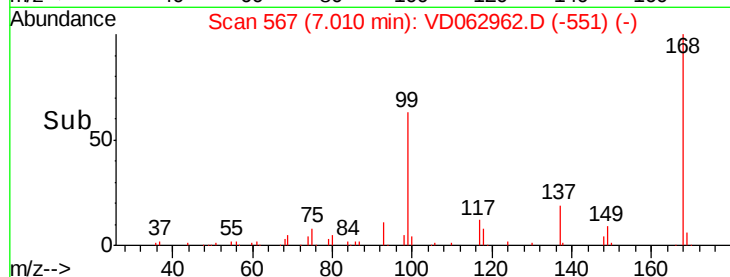
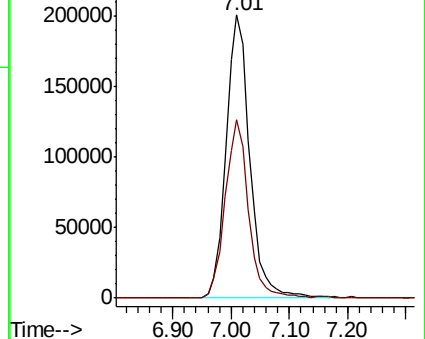
168 100

99 63.0 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: 3.662 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD062962.D

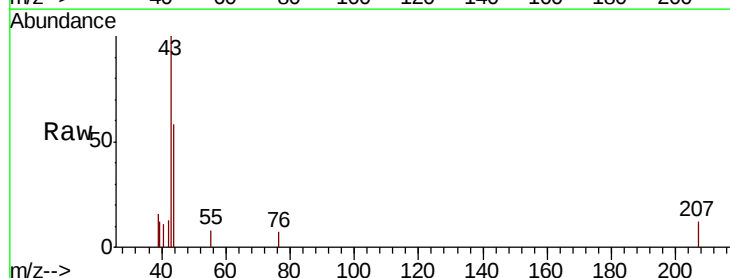
Acq: 28 Jun 2019 13:24

Tgt Ion: 43 Resp: 13240

Ion Ratio Lower Upper

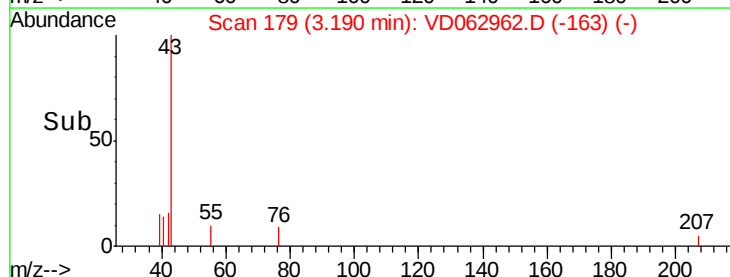
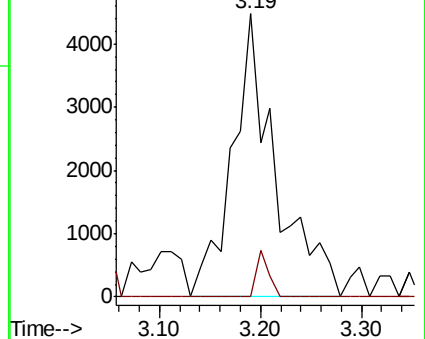
43 100

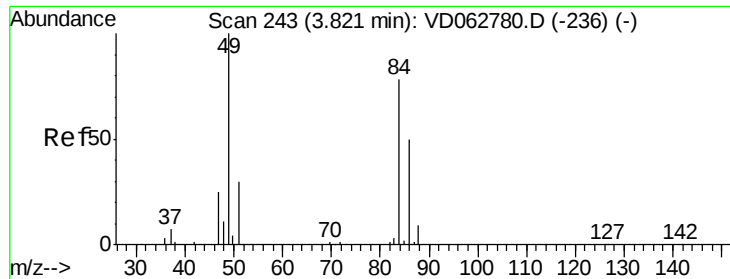
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

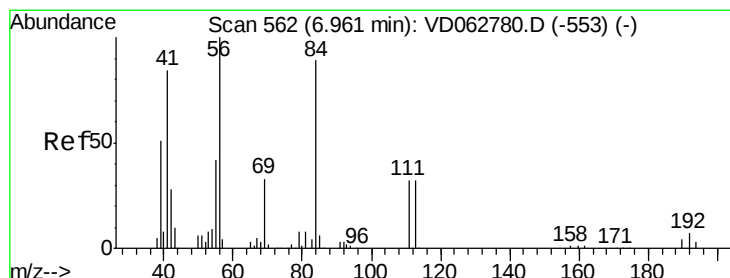
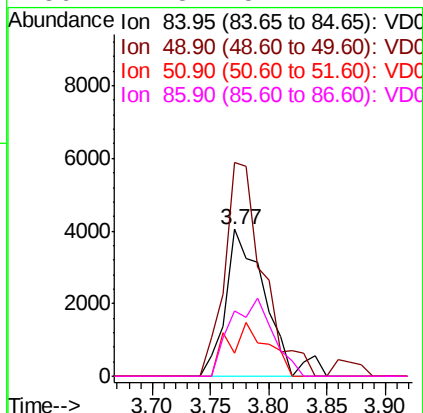
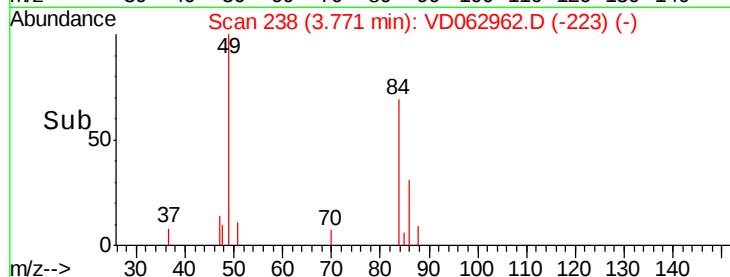
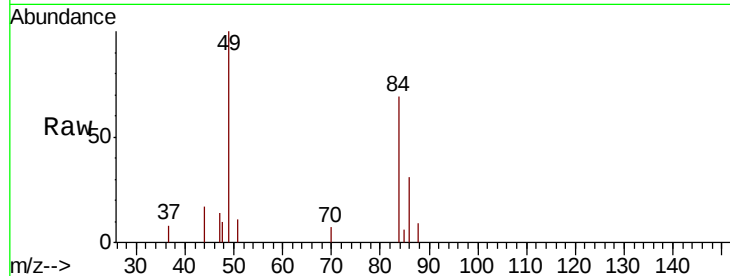




#20
Methvlene Chloride
Concen: 2.024 ug/l
RT: 3.77 min Scan# 238
Delta R.T. -0.05 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

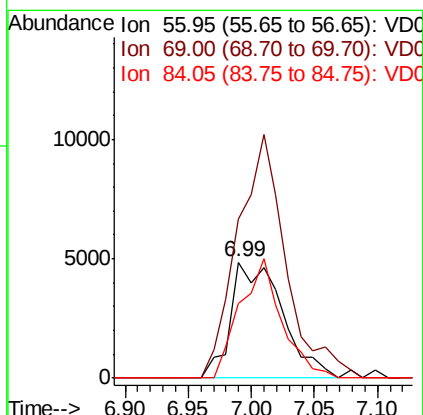
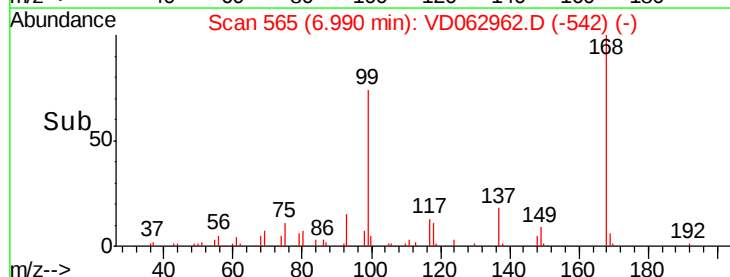
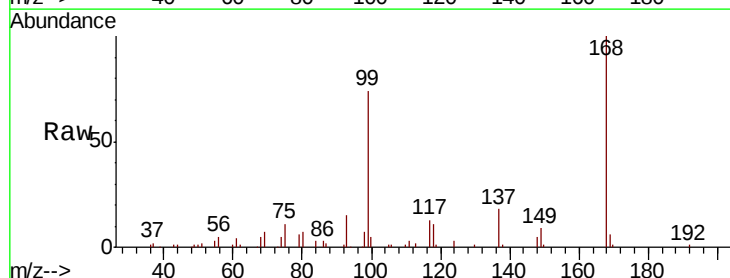
Instrument :
MSVOA_D
ClientSampleId :
M-8A

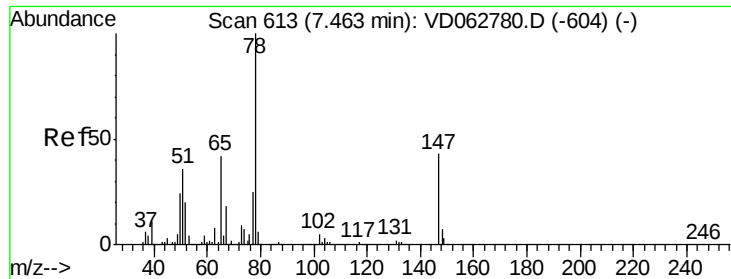
Tot Ion: 84 Resp: 9549
Ion Ratio Lower Upper
84 100
49 145.6 102.9 154.3
51 15.6 31.2 46.8#
86 44.8 51.4 77.2#



#31
Cyclohexane
Concen: 2.367 ug/l
RT: 6.99 min Scan# 565
Delta R.T. 0.03 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Tgt Ion: 56 Resp: 13747
Ion Ratio Lower Upper
56 100
69 137.4 26.6 39.8#
84 64.0 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 61.303 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

Instrument :

MSVOA_D

ClientSampled :

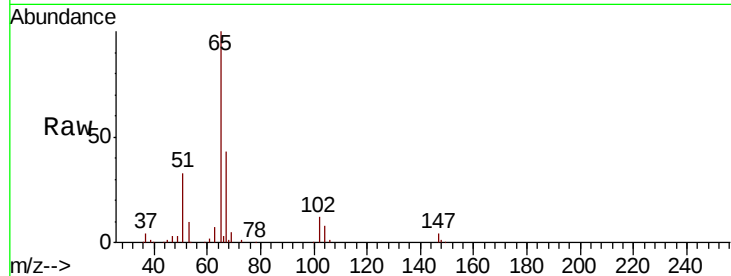
M-8A

Tot Ion: 65 Resp: 379185

Ion Ratio Lower Upper

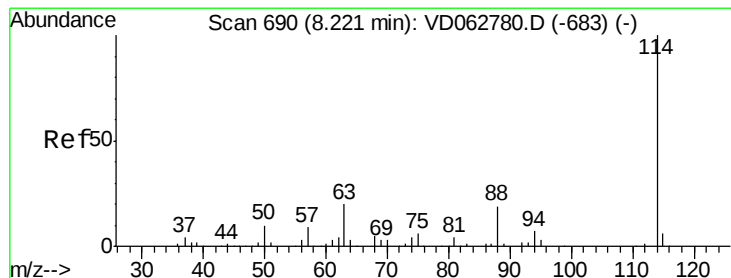
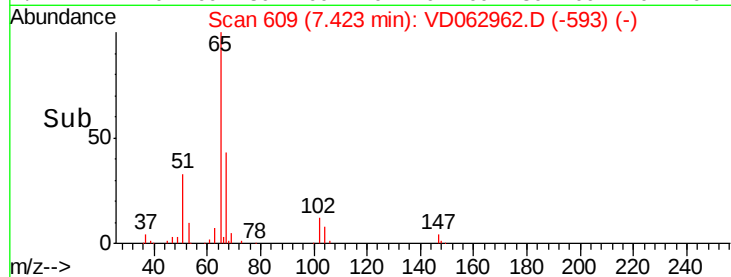
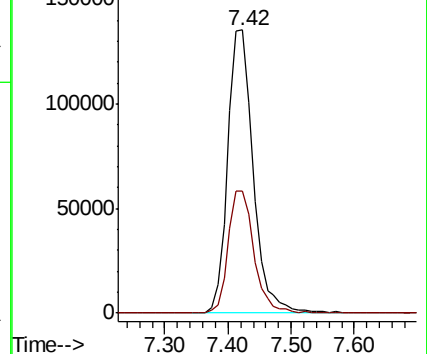
65 100

67 43.2 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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

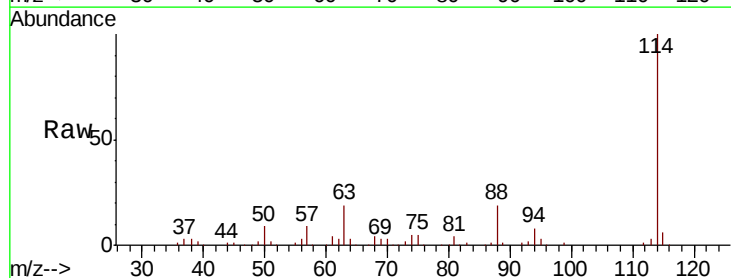
Tgt Ion: 114 Resp: 897598

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

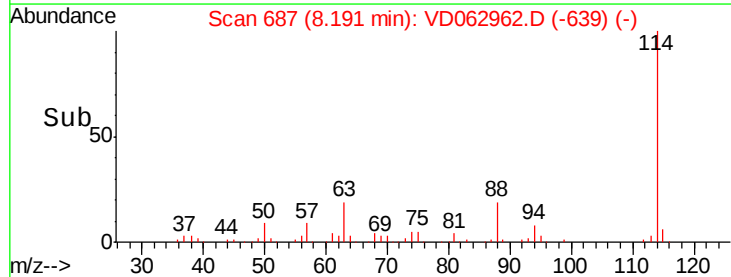
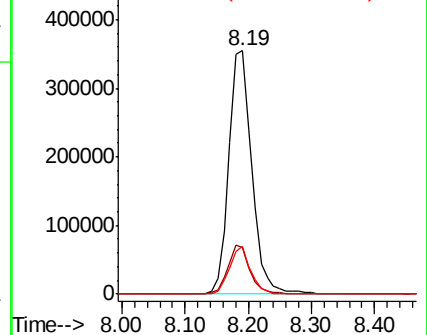
88 19.4 0.0 38.8

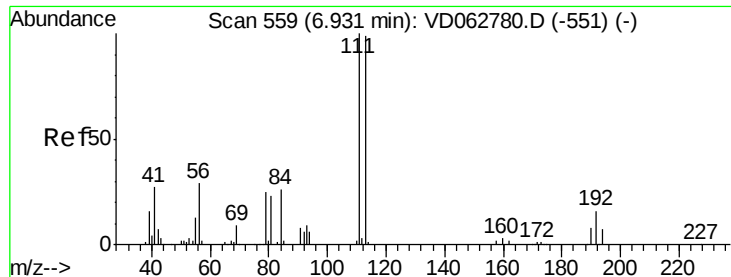


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.581 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

Instrument :

MSVOA_D

ClientSampleId :

M-8A

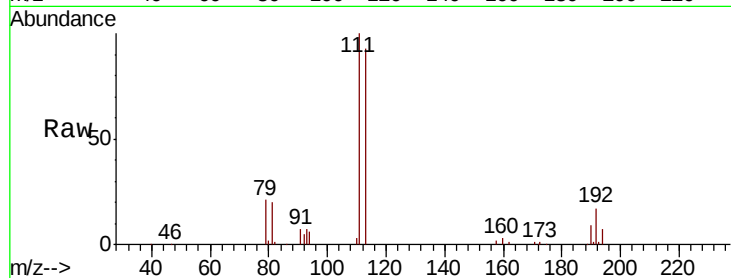
Tot Ion:113 Resp: 390395

Ion Ratio Lower Upper

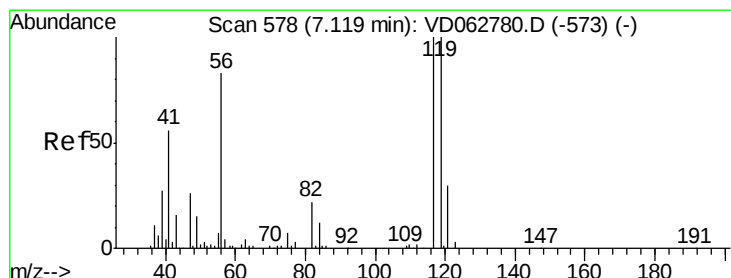
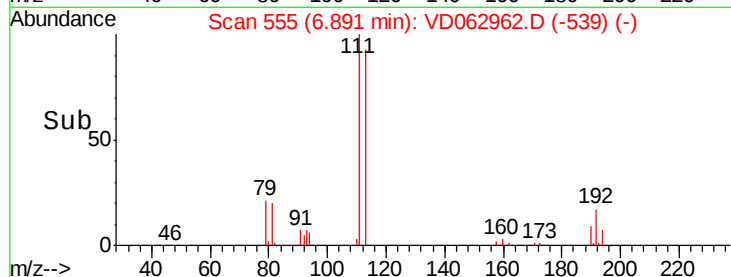
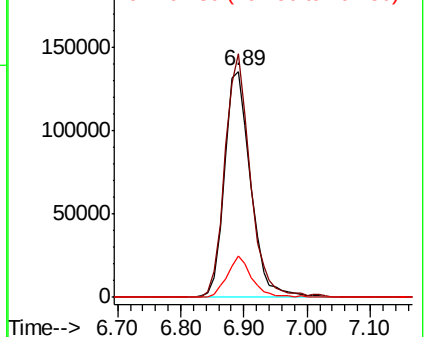
113 100

111 107.8 81.2 121.8

192 18.1 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



#38

Carbon Tetrachloride

Concen: 4.728 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.11 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

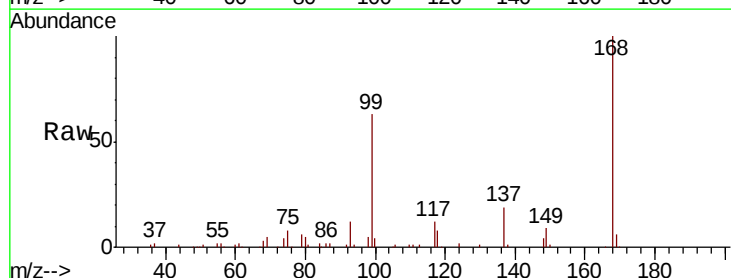
Tgt Ion:117 Resp: 60417

Ion Ratio Lower Upper

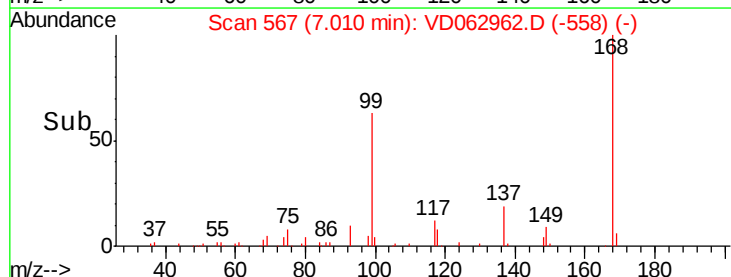
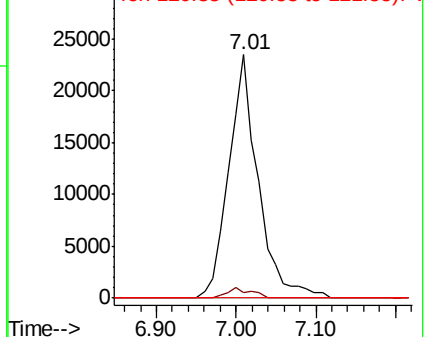
117 100

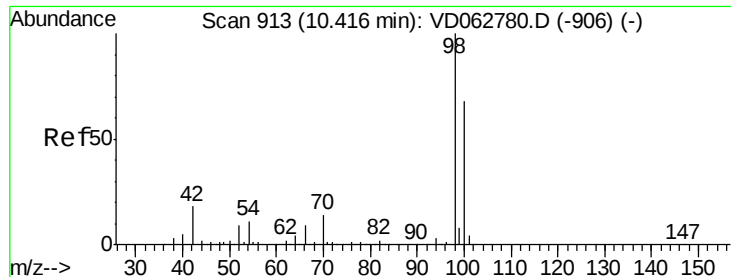
119 2.5 75.4 113.2#

121 0.0 22.3 33.5#



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

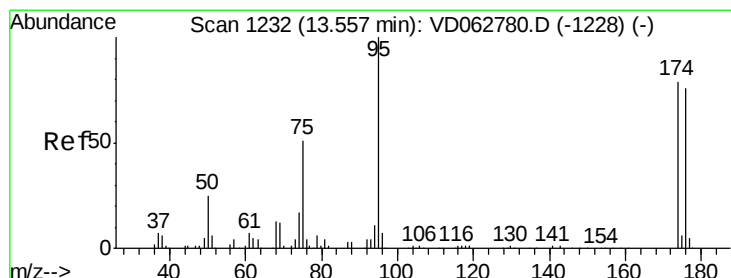
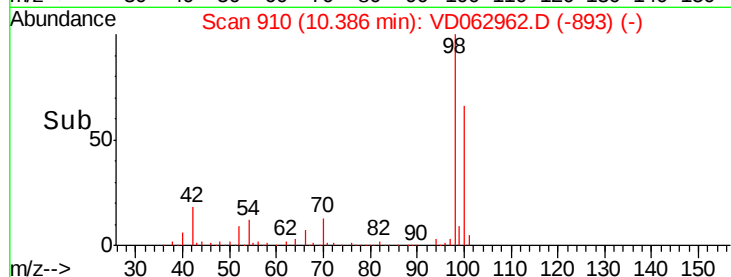
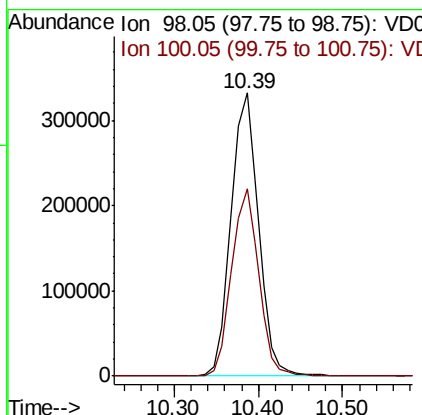
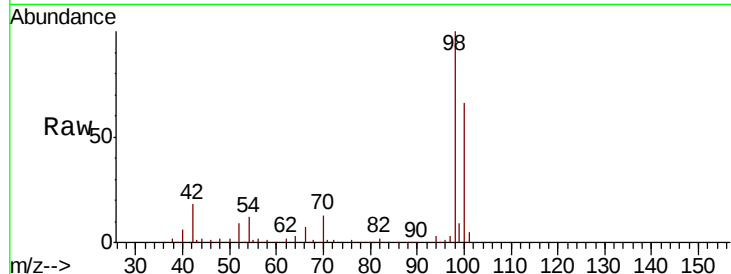




#50
Toluene-d8
Concen: 45.893 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

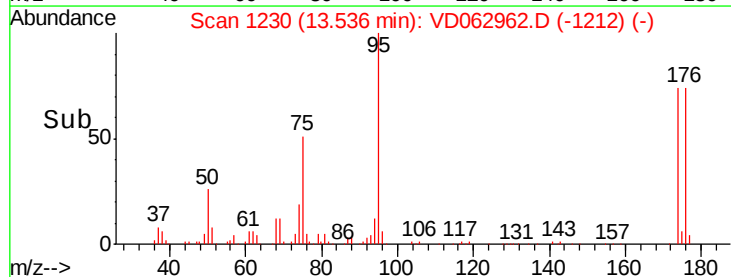
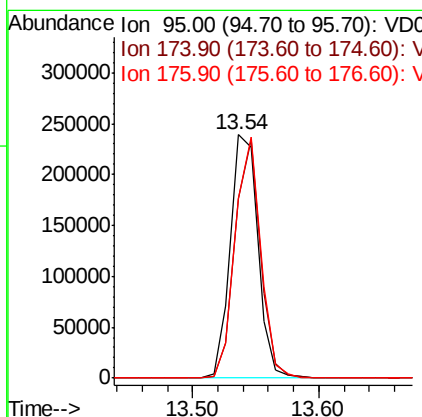
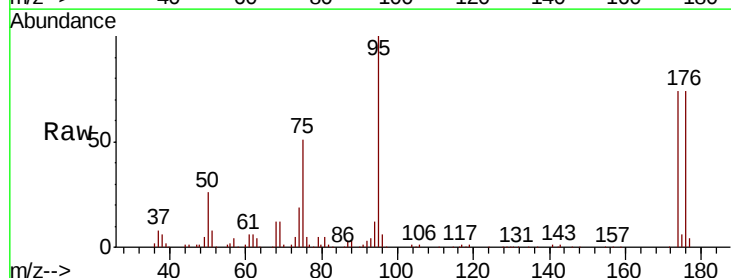
Instrument :
MSVOA_D
ClientSampleId :
M-8A

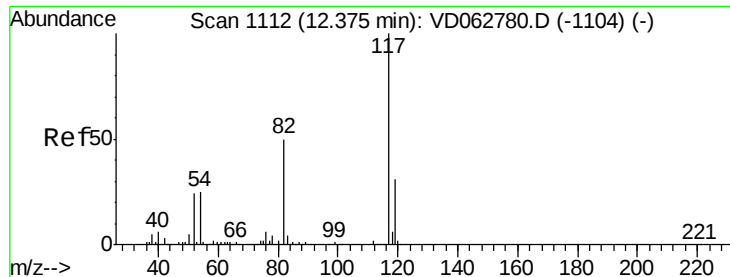
Tot Ion: 98 Resp: 755979
Ion Ratio Lower Upper
98 100
100 66.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 47.976 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Tgt Ion: 95 Resp: 359352
Ion Ratio Lower Upper
95 100
174 73.6 0.0 158.0
176 73.8 0.0 151.6

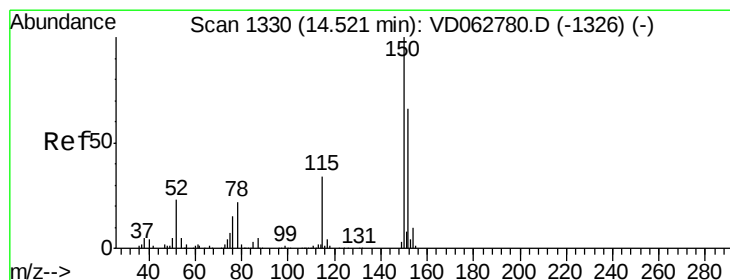
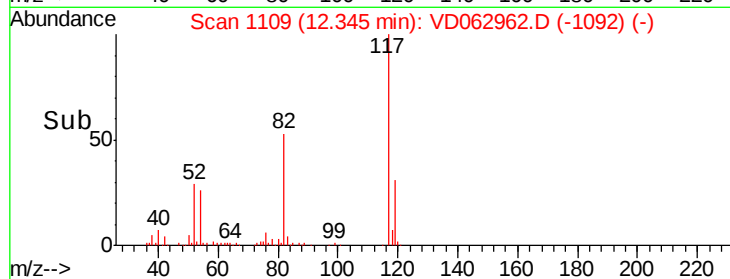
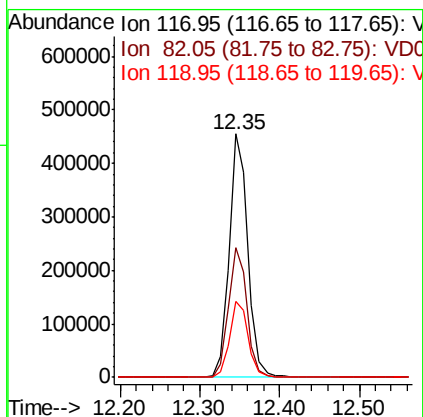
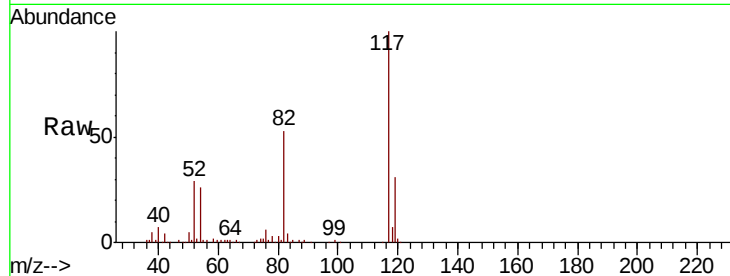




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

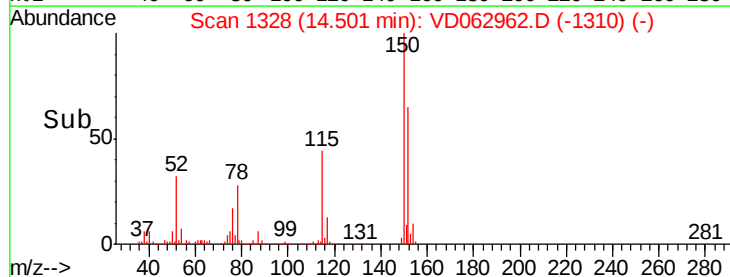
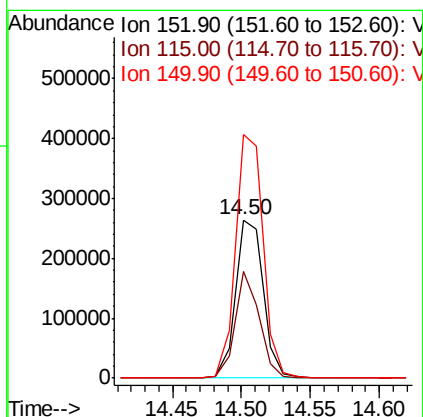
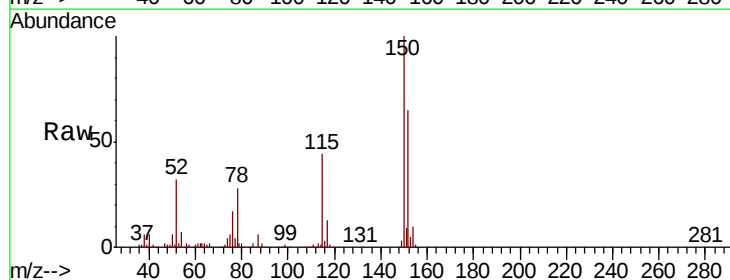
Instrument :
MSVOA_D
ClientSampleId :
M-8A

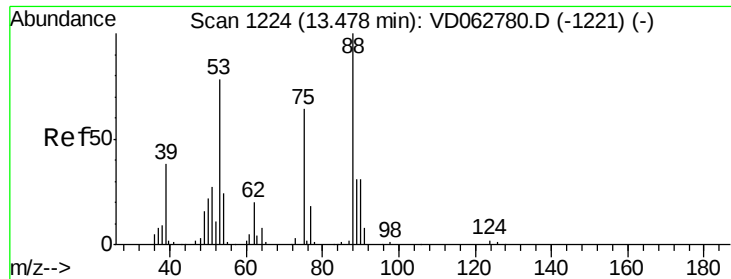
Tot Ion:117 Resp: 744853
Ion Ratio Lower Upper
117 100
82 53.2 40.4 60.6
119 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062962.D
Acq: 28 Jun 2019 13:24

Tgt Ion:152 Resp: 370074
Ion Ratio Lower Upper
152 100
115 67.3 29.2 87.6
150 154.0 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 152.952 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. 0.06 min

Lab File: VD062962.D

Acq: 28 Jun 2019 13:24

Instrument :

MSVOA_D

ClientSampleId :

M-8A

Tot Ion: 75 Resp: 171259

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

