

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062125.D
 Acq On : 6 May 2019 12:24
 Operator : FY/SY
 Sample : VD0506SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBL01

Quant Time: May 07 05:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	492863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	742340	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	677576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	355098	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	208933	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	6.92	113	296351	57.72	ug/l	-0.01
Spiked Amount			Recovery	=	115.44%	
50) Toluene-d8	10.40	98	650113	53.22	ug/l	-0.01
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	13.55	95	295089	60.22	ug/l	0.00
Spiked Amount			Recovery	=	120.44%	

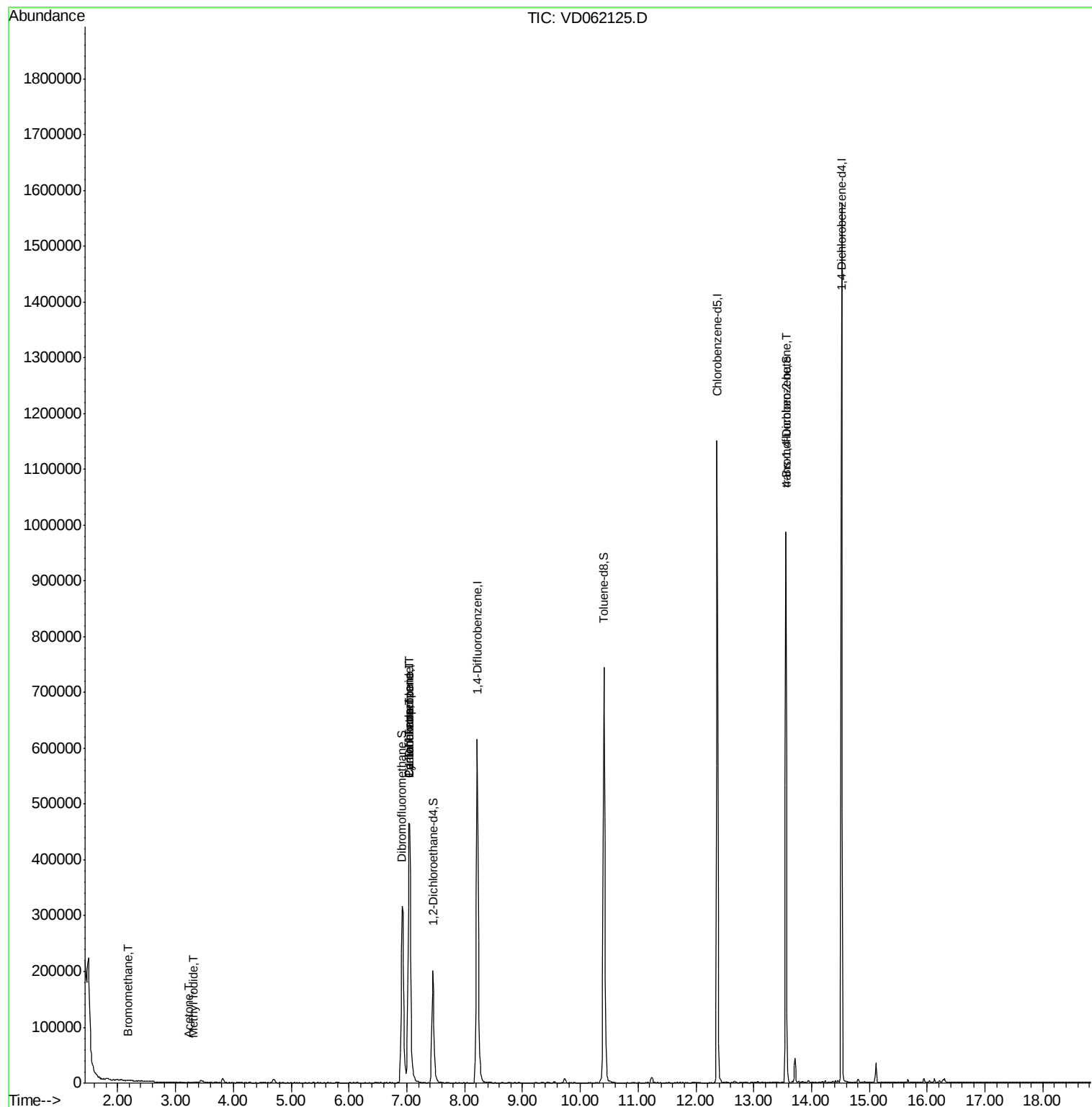
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	2023	1.444	ug/l #	12
10) Methyl Iodide	3.32	142	630	5.506	ug/l #	37
16) Acetone	3.23	43	2325	2.524	ug/l #	50
20) Methylene Chloride	3.82	84	5738	Below Cal	#	84
31) Cyclohexane	7.04	56	8355	1.454	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	37380	6.463	ug/l #	44
38) Carbon Tetrachloride	7.04	117	49646	6.774	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	116195	85.033	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050619\
Data File : VD062125.D
Acq On : 6 May 2019 12:24
Operator : FY/SY
Sample : VD0506SBL01
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

Quant Time: May 07 05:08:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 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: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

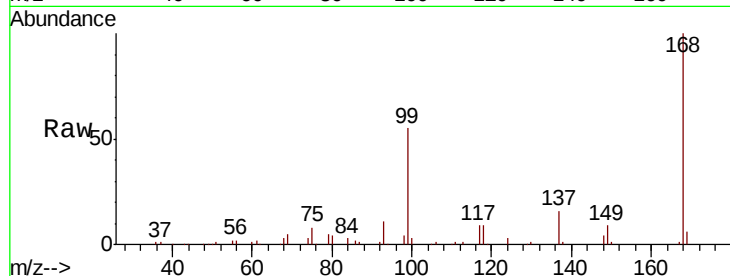
VD0506SBL01

Tot Ion:168 Resp: 492863

Ion Ratio Lower Upper

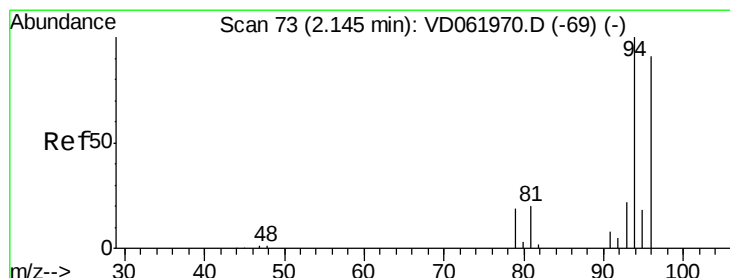
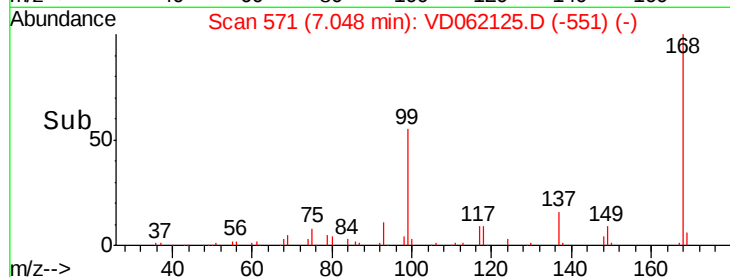
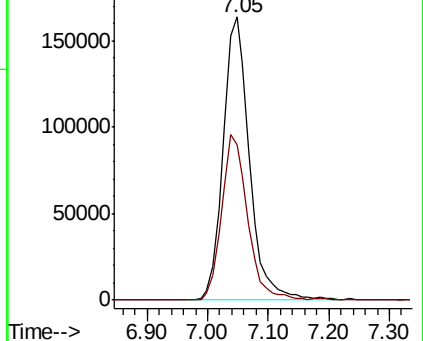
168 100

99 54.9 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: 1.444 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

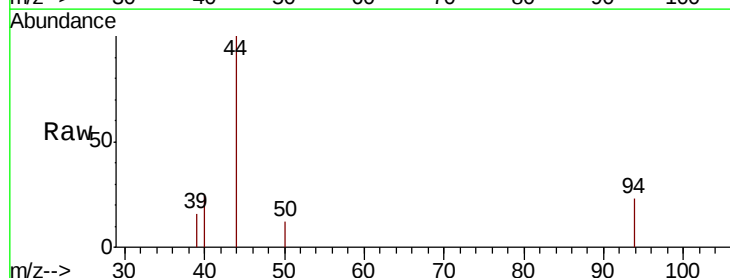
Tgt Ion: 94 Resp: 2023

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

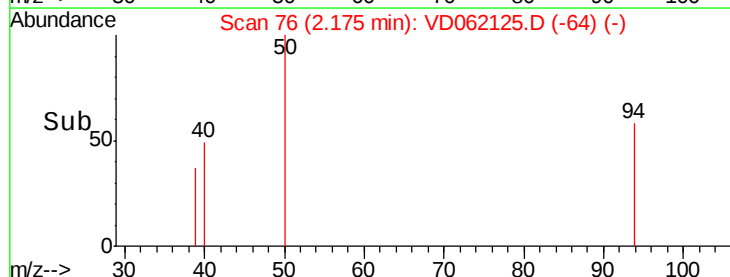
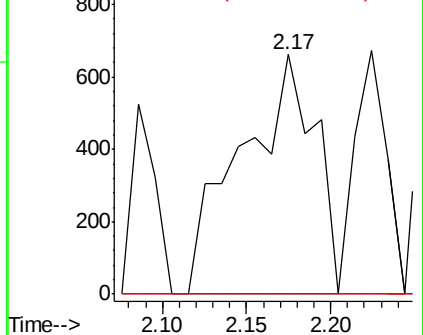
93 0.0 18.5 27.7#

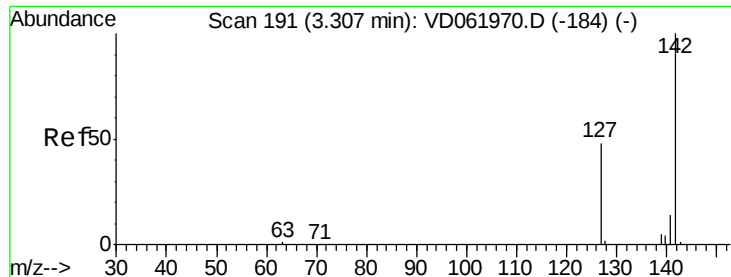


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

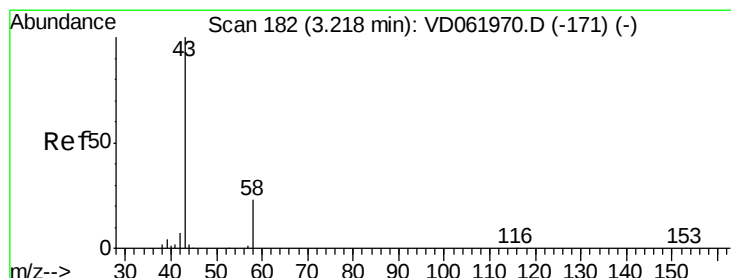
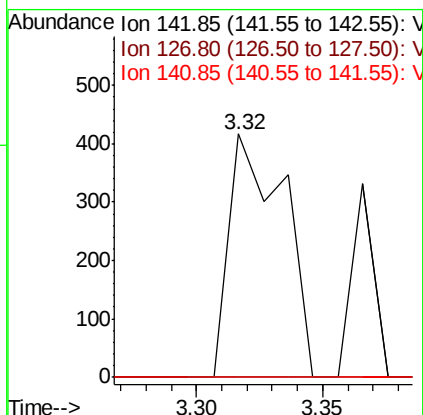
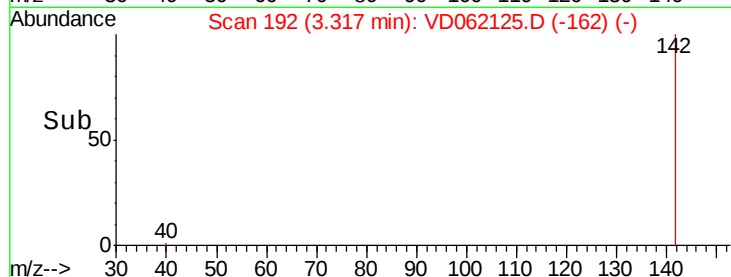
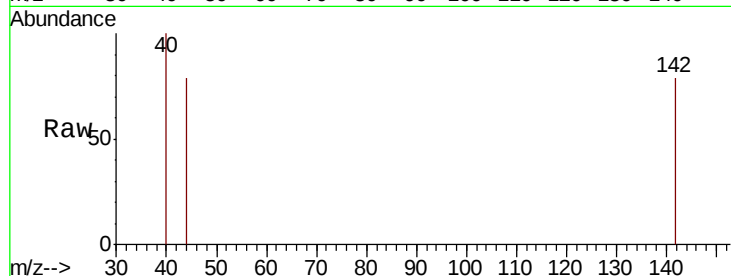




#10
Methvl Iodide
Concen: 5.506 ug/l
RT: 3.32 min Scan# 192
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

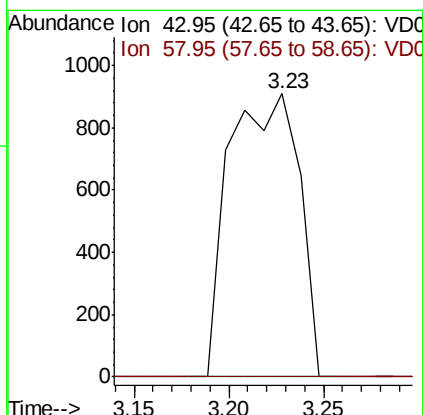
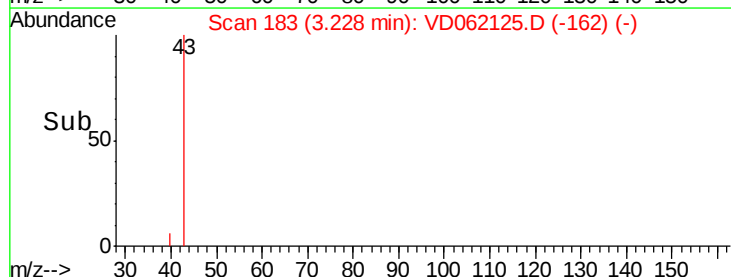
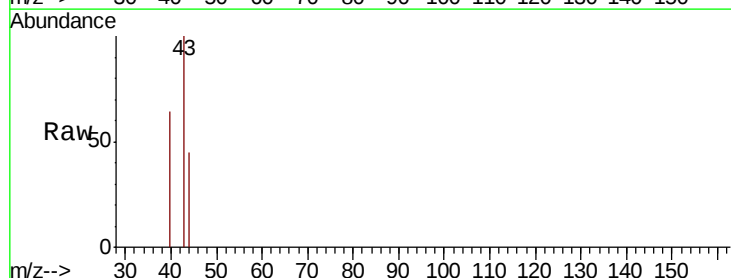
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

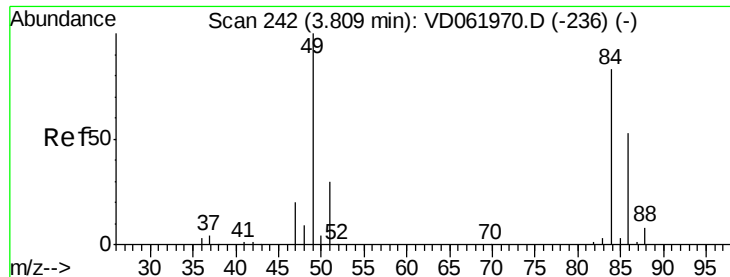
Tot Ion:142 Resp: 630
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 2.524 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

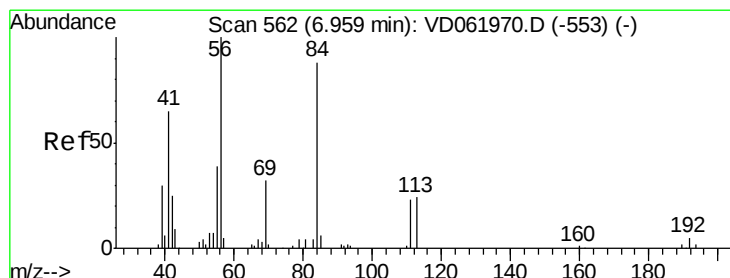
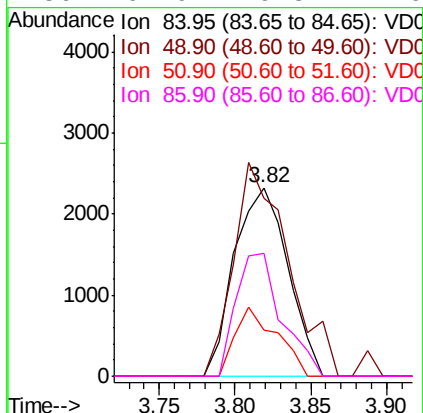
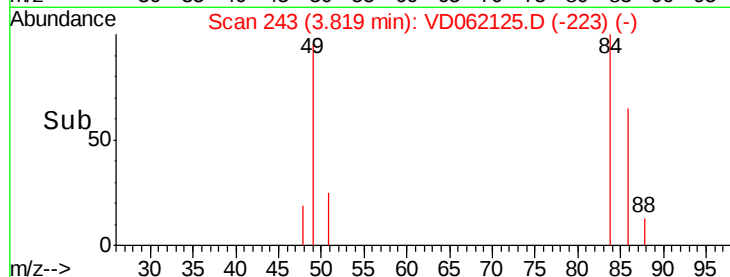
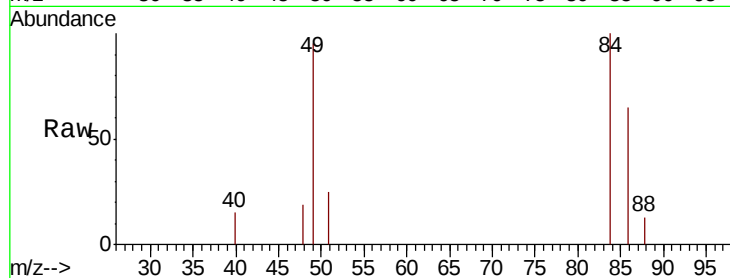




#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

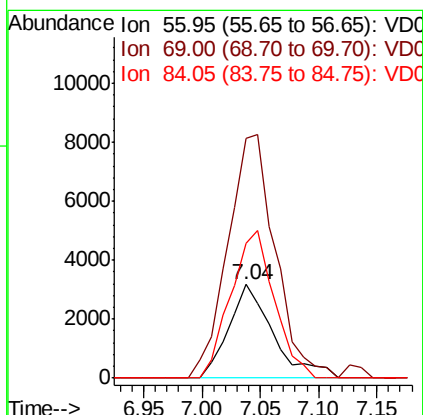
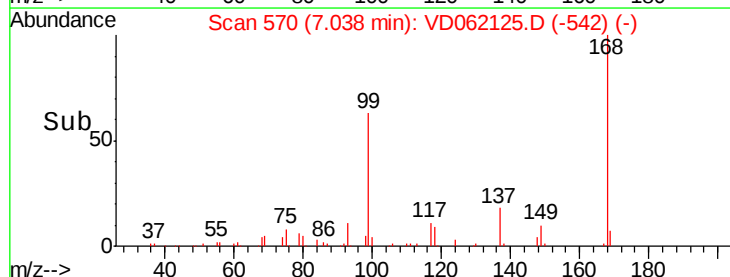
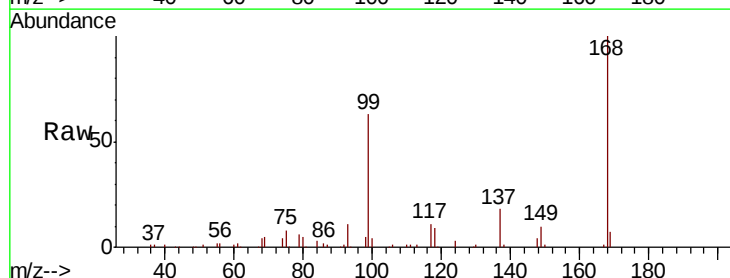
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

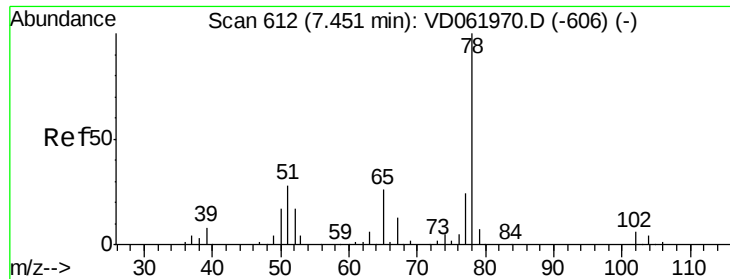
Tot Ion: 84 Resp: 5738
Ion Ratio Lower Upper
84 100
49 94.5 94.0 141.0
51 24.8 29.0 43.4#
86 64.9 49.8 74.6



#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

Tgt Ion: 56 Resp: 8355
Ion Ratio Lower Upper
56 100
69 255.7 25.8 38.6#
84 143.6 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 54.164 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

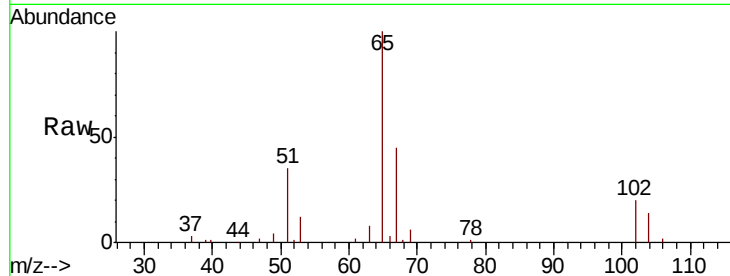
VD0506SBL01

Tot Ion: 65 Resp: 208933

Ion Ratio Lower Upper

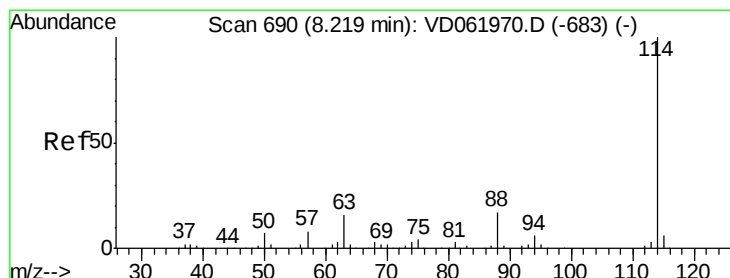
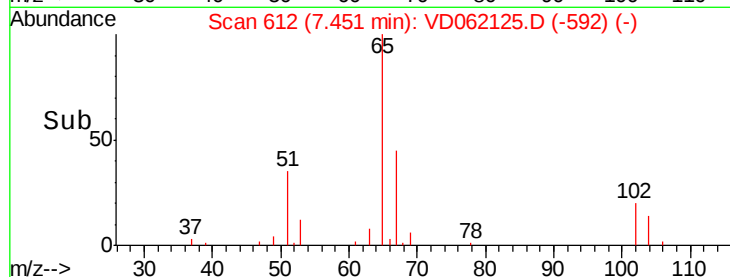
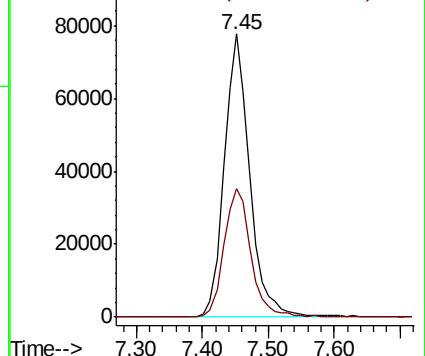
65 100

67 45.4 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. -0.00 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

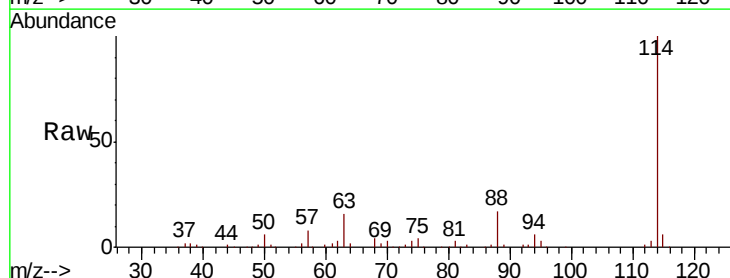
Tgt Ion: 114 Resp: 742340

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

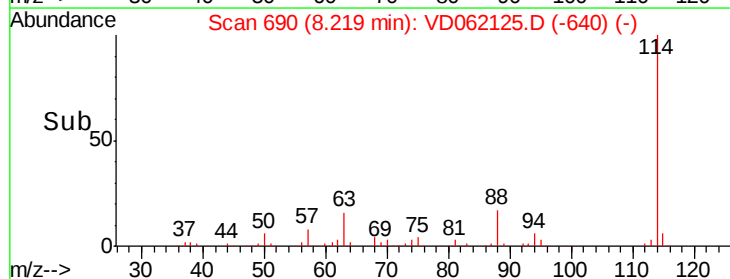
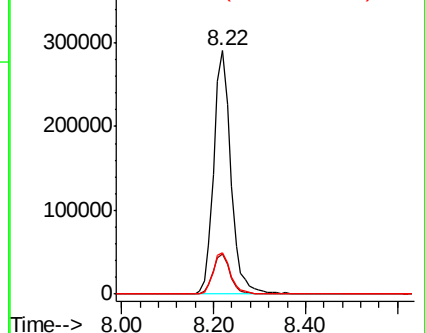
88 16.8 0.0 33.6

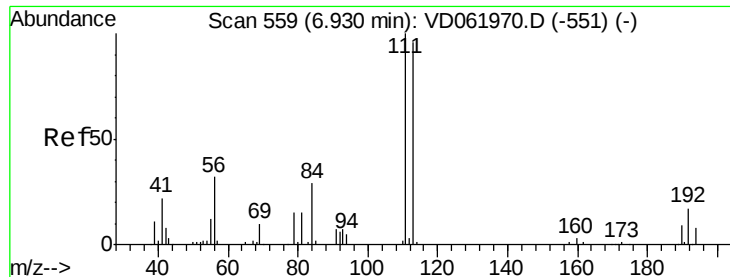


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 57.723 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0506SBL01

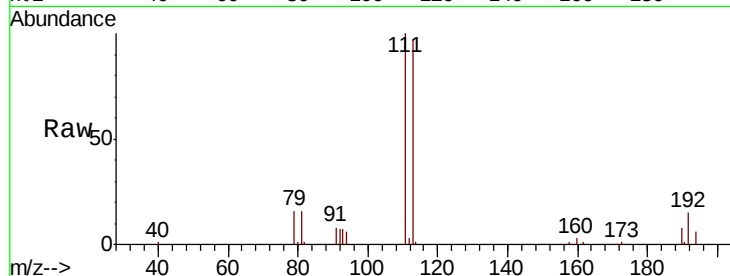
Tot Ion:113 Resp: 296351

Ion Ratio Lower Upper

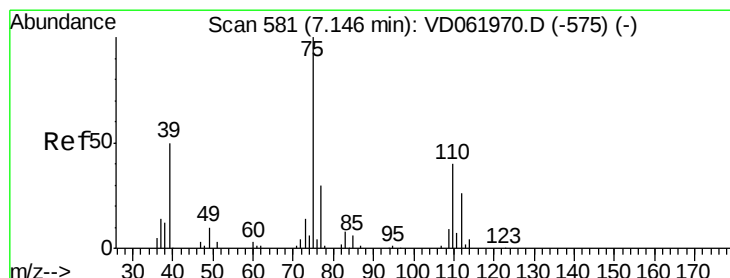
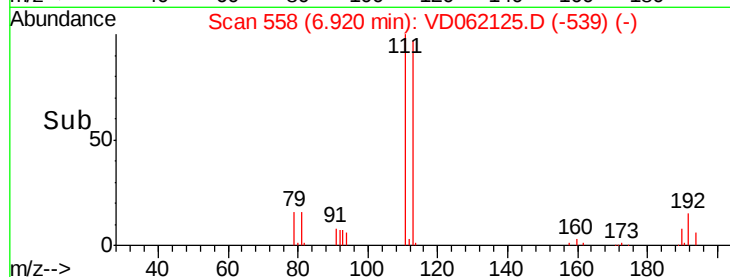
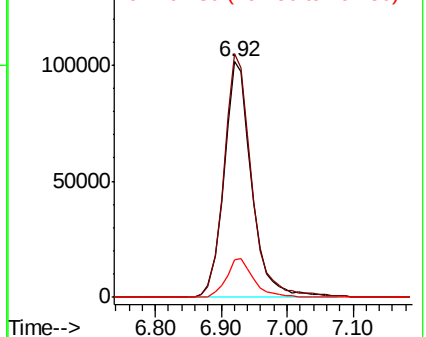
113 100

111 103.4 78.5 117.7

192 15.9 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: 6.463 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

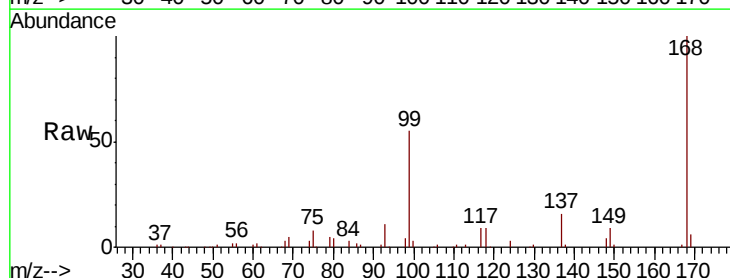
Tgt Ion: 75 Resp: 37380

Ion Ratio Lower Upper

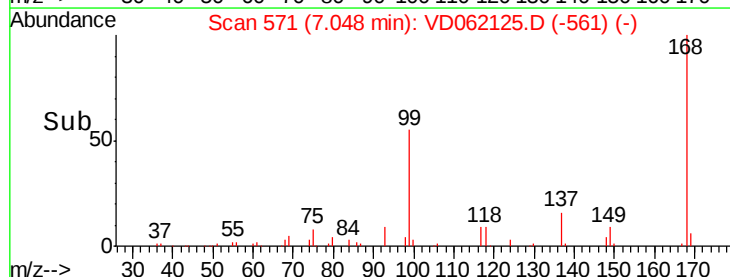
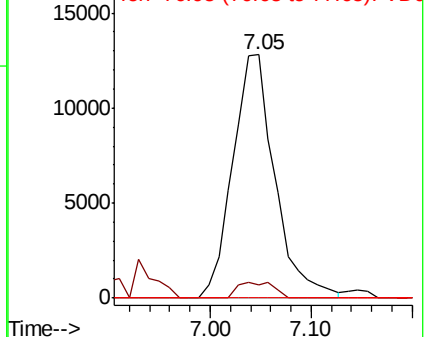
75 100

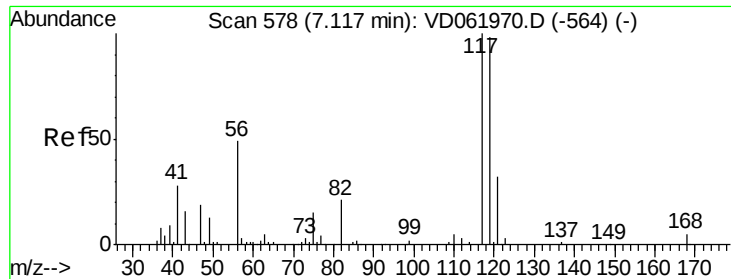
110 5.3 19.1 57.1#

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: 6.774 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0506SBL01

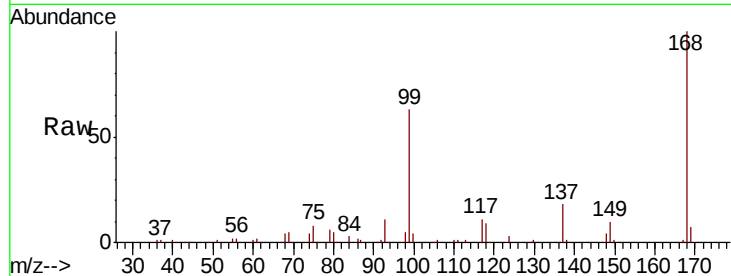
Tot Ion:117 Resp: 49646

Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

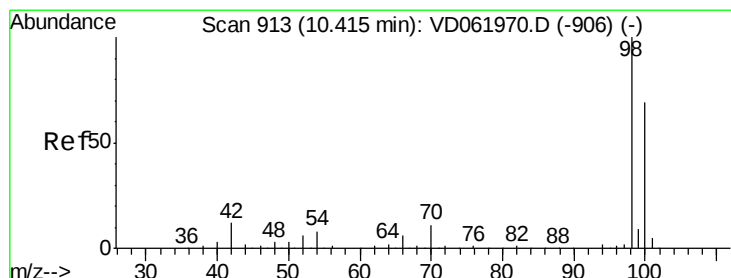
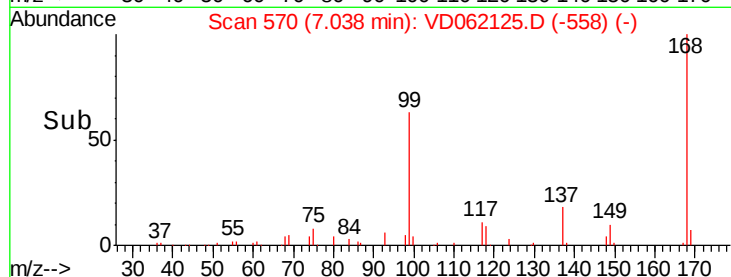
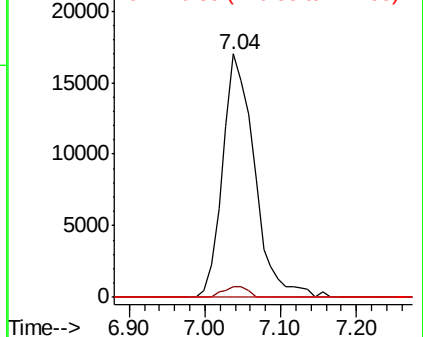
121 0.0 25.9 38.9#



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: 53.217 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062125.D

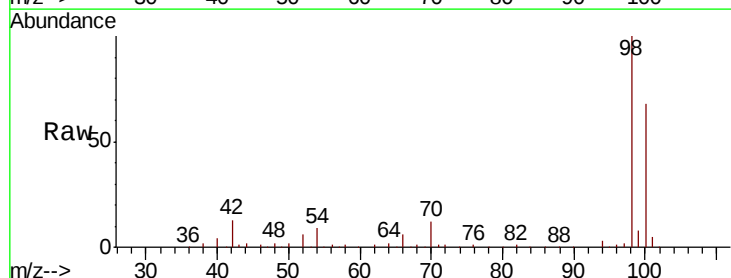
Acq: 6 May 2019 12:24

Tgt Ion: 98 Resp: 650113

Ion Ratio Lower Upper

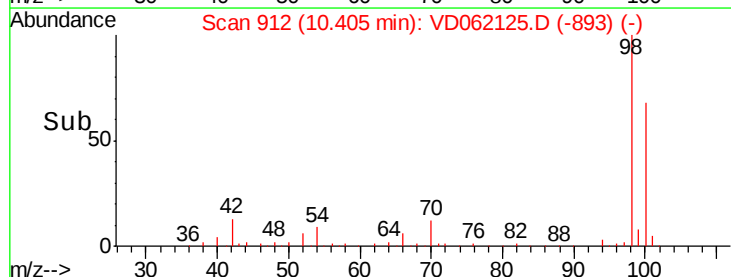
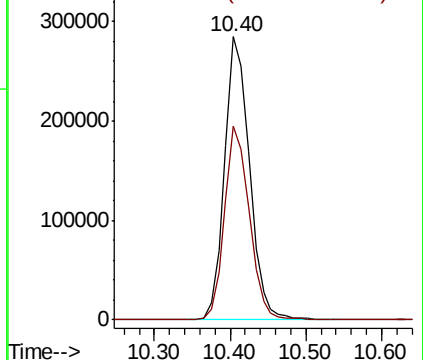
98 100

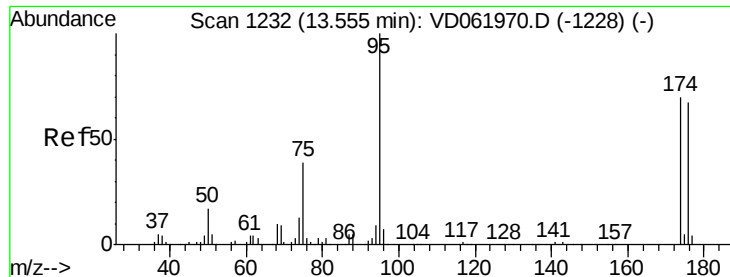
100 68.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

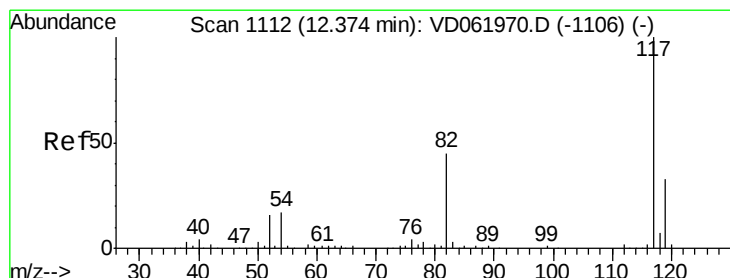
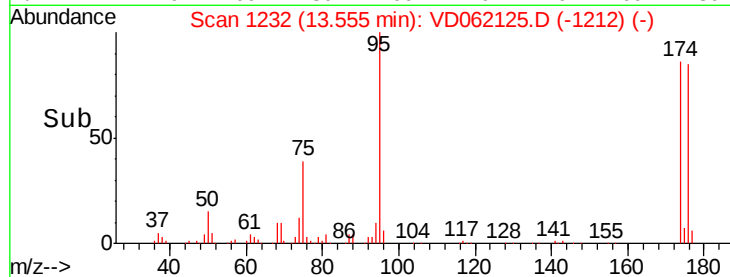
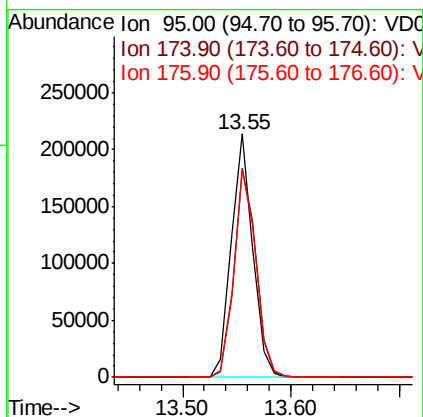
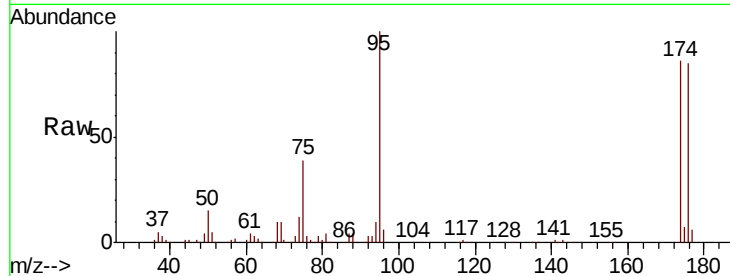




#62
4-Bromofluorobenzene
Concen: 60.224 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

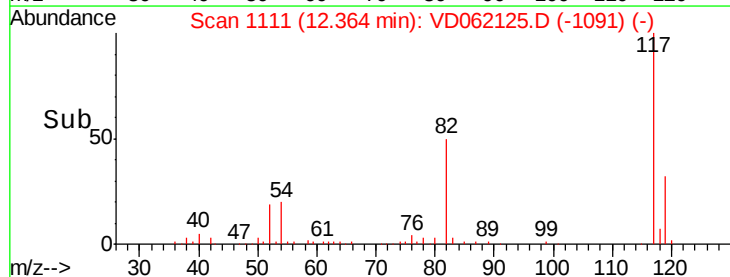
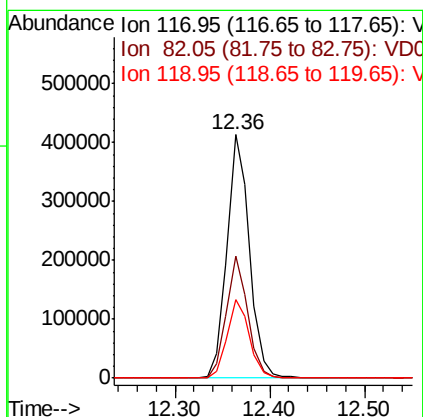
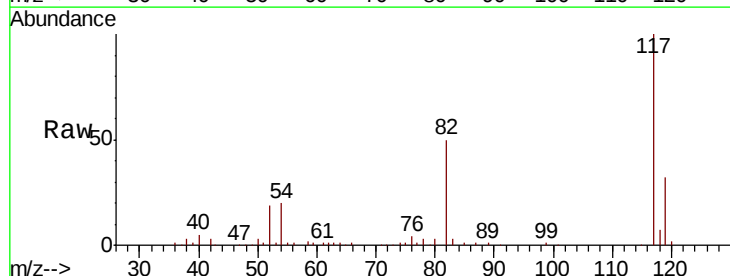
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

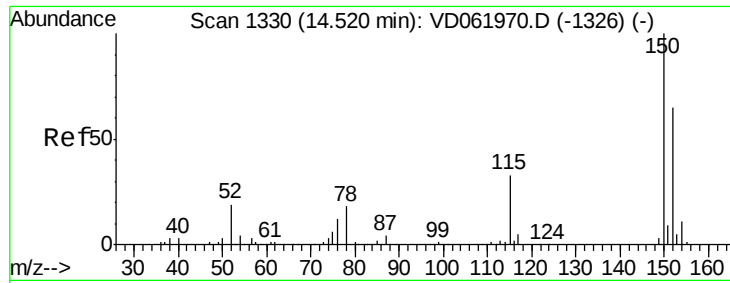
Tot Ion: 95 Resp: 295089
Ion Ratio Lower Upper
95 100
174 85.8 0.0 181.8
176 85.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

Tgt Ion: 117 Resp: 677576
Ion Ratio Lower Upper
117 100
82 50.3 36.2 54.2
119 32.2 26.2 39.4

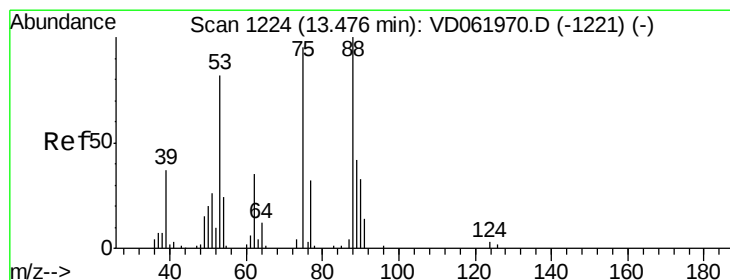
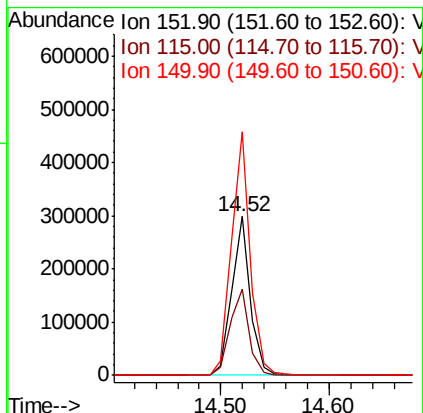
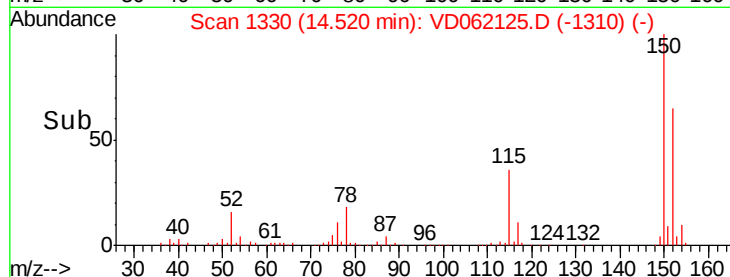
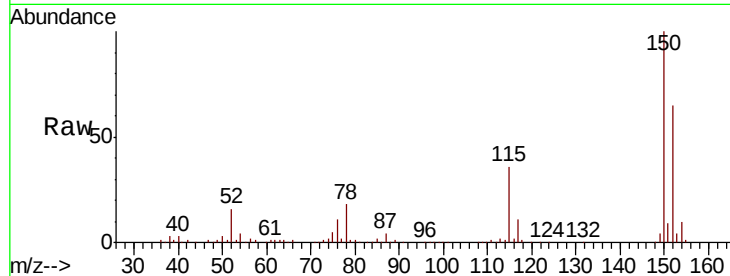




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062125.D
 Acq: 6 May 2019 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBL01

Tot Ion:152 Resp: 355098
 Ion Ratio Lower Upper
 152 100
 115 54.4 30.9 92.7
 150 153.2 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.033 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062125.D
 Acq: 6 May 2019 12:24

Tgt Ion: 75 Resp: 116195
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

