

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062865.D
 Acq On : 25 Jun 2019 5:15
 Operator : VA/AP
 Sample : K3164-01
 Misc : 6.56g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B04

Quant Time: Jun 25 06:46:11 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	594041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	518713	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	147863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	351342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	442234	68.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	136.98%	
35) Dibromofluoromethane	6.93	113	487186	111.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.78%	
50) Toluene-d8	10.42	98	63829	6.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.42%	
62) 4-Bromofluorobenzene	13.56	95	418372	96.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.32%	

Target Compounds

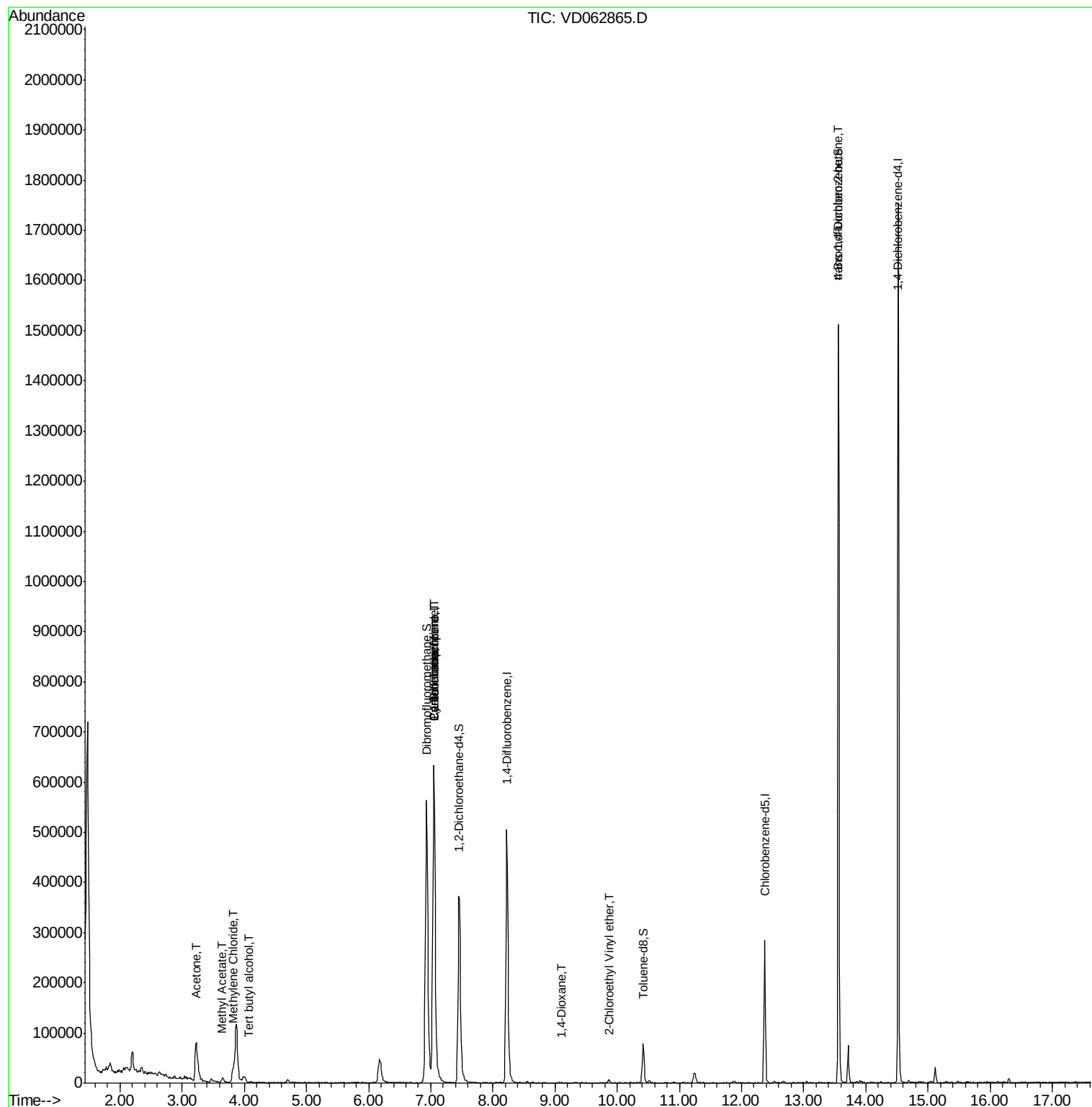
						Qvalue
11) Tert butyl alcohol	4.08	59	1684	5.726	ug/l #	77
16) Acetone	3.23	43	165252	122.636	ug/l	98
18) Methyl Acetate	3.65	43	15359	7.879	ug/l	98
20) Methylene Chloride	3.81	84	16685	3.388	ug/l #	86
31) Cyclohexane	7.05	56	14322	2.362	ug/l #	4
36) 1,1-Dichloropropene	7.05	75	49128	10.005	ug/l #	59
38) Carbon Tetrachloride	7.05	117	57032	7.723	ug/l #	18
49) 1,4-Dioxane	9.10	88	183	12.024	ug/l #	29
58) 2-Chloroethyl Vinyl ether	9.86	63	2631	2.107	ug/l #	47
81) trans-1,4-Dichloro-2-buten	13.56	75	189611	178.371	ug/l #	2

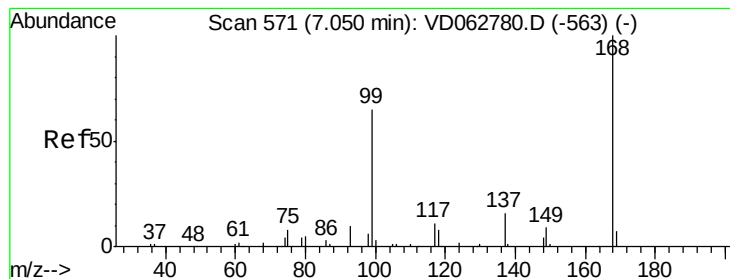
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062865.D
Acq On : 25 Jun 2019 5:15
Operator : VA/AP
Sample : K3164-01
Misc : 6.56g/5ml/MSVOA D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BAT-B04

Quant Time: Jun 25 06:46:11 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

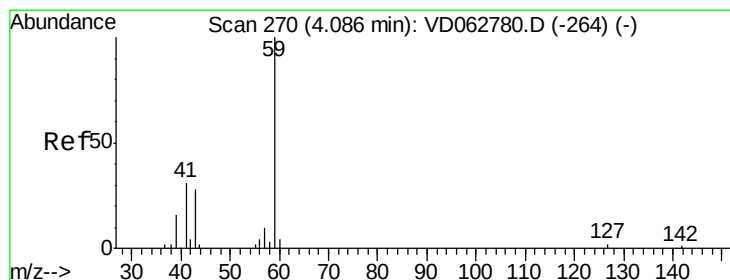
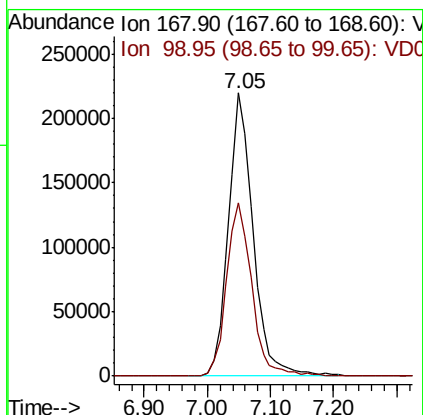
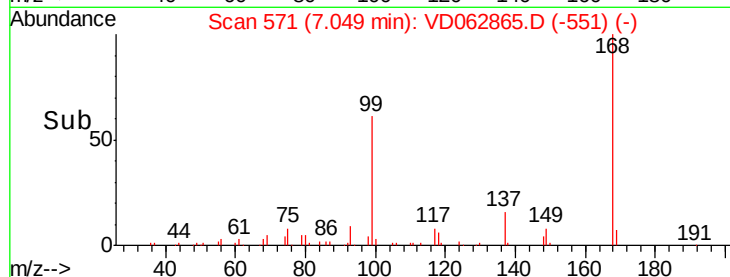
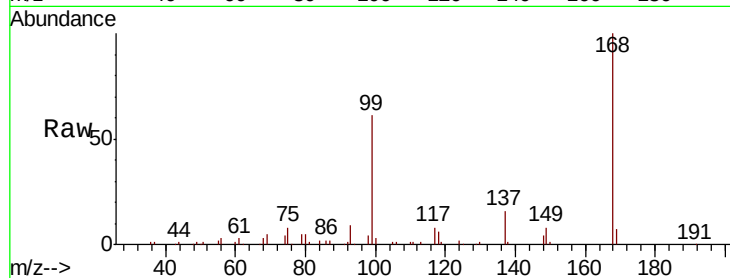




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

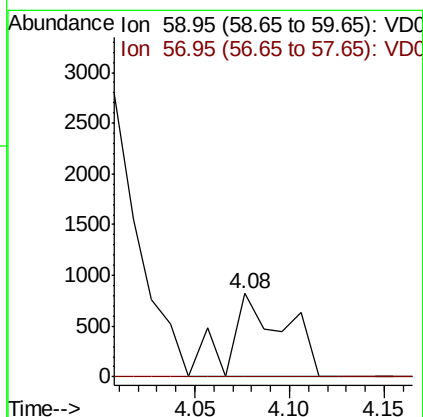
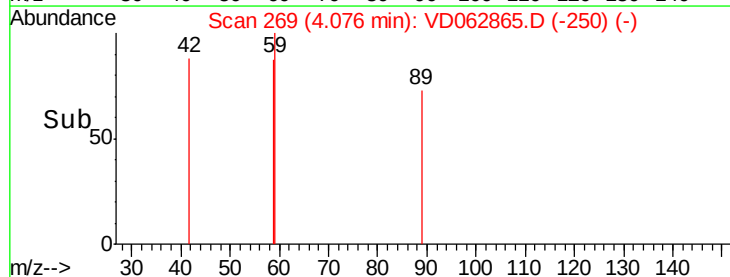
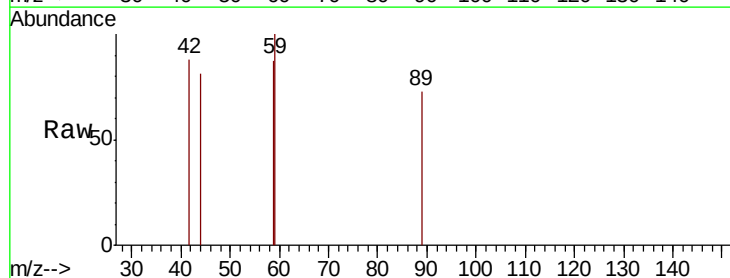
Instrument :
MSVOA_D
ClientSampleId :
BAT-B04

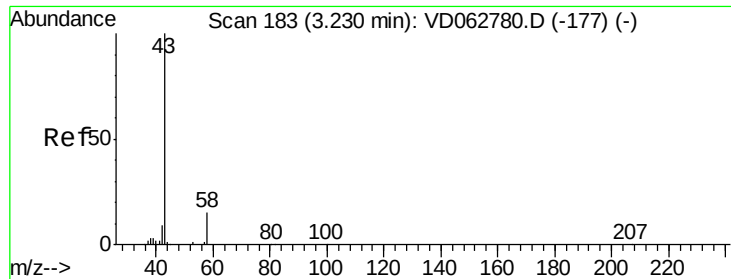
Tot Ion:168 Resp: 594041
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#11
Tert butyl alcohol
Concen: 5.726 ug/l
RT: 4.08 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#





#16

Acetone

Concen: 122.636 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

Instrument :

MSVOA_D

ClientSampleId :

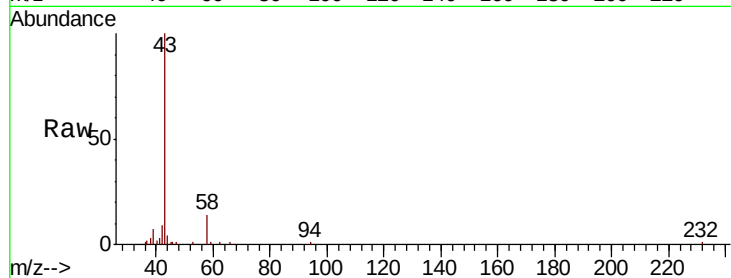
BAT-B04

Tot Ion: 43 Resp: 165252

Ion Ratio Lower Upper

43 100

58 14.1 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

60000

50000

40000

30000

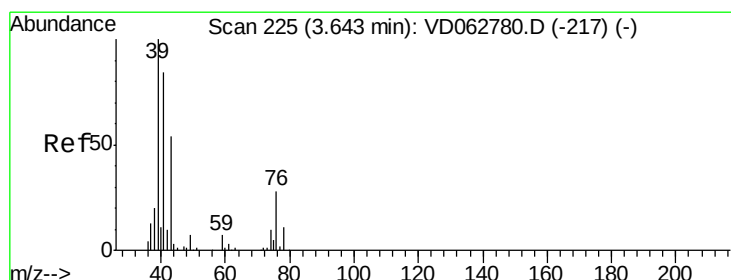
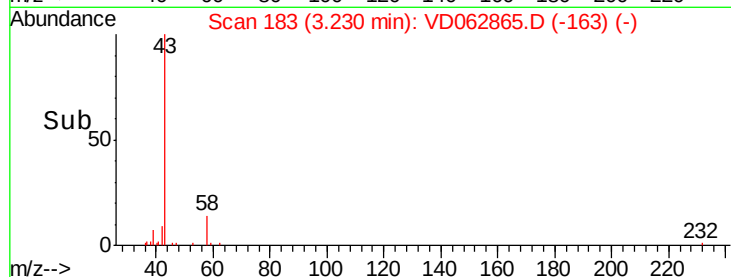
20000

10000

0

Time-->

3.10 3.20 3.30 3.40



#18

Methyl Acetate

Concen: 7.879 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD062865.D

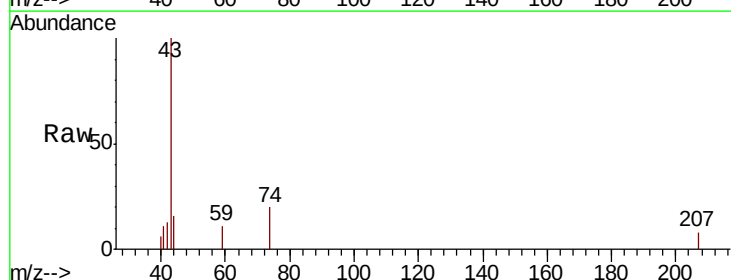
Acq: 25 Jun 2019 5:15

Tgt Ion: 43 Resp: 15359

Ion Ratio Lower Upper

43 100

74 20.1 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

6000

5000

4000

3000

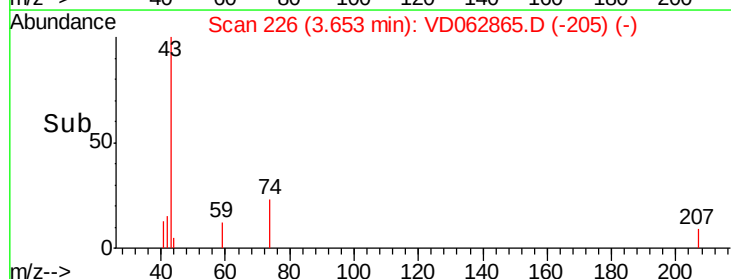
2000

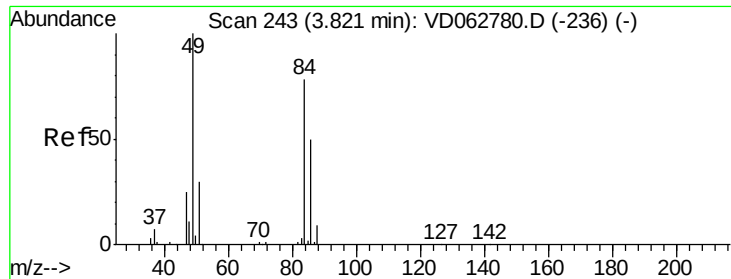
1000

0

Time-->

3.55 3.60 3.65 3.70 3.75





#20

Methylene Chloride

Concen: 3.388 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

Instrument :

MSVOA_D

ClientSampleId :

BAT-B04

Tot Ion: 84 Resp: 16685

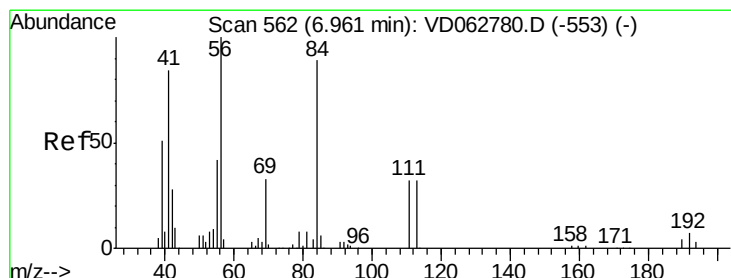
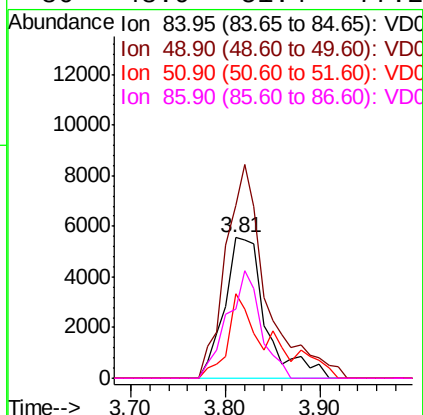
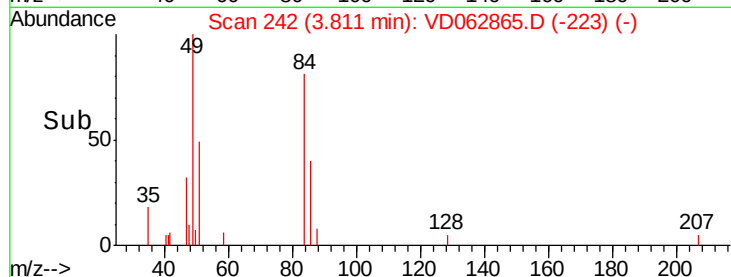
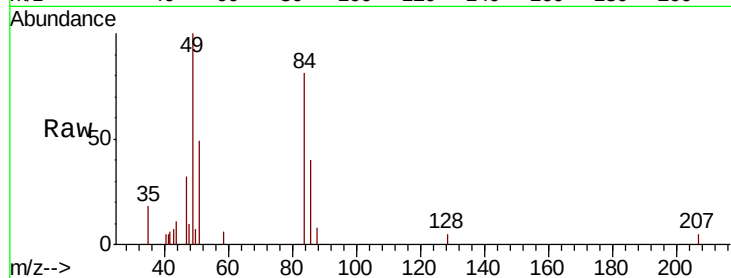
Ion Ratio Lower Upper

84 100

49 123.0 102.9 154.3

51 60.3 31.2 46.8#

86 48.9 51.4 77.2#



#31

Cyclohexane

Concen: 2.362 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

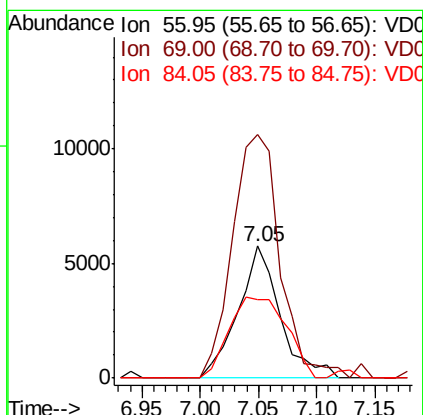
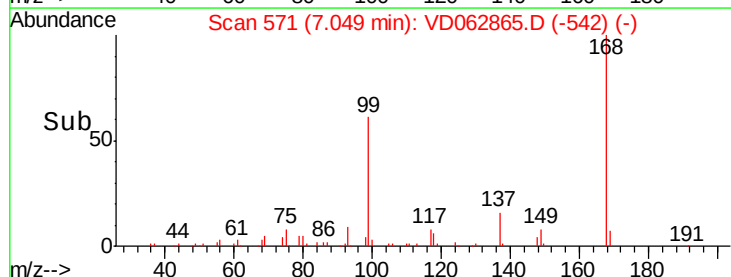
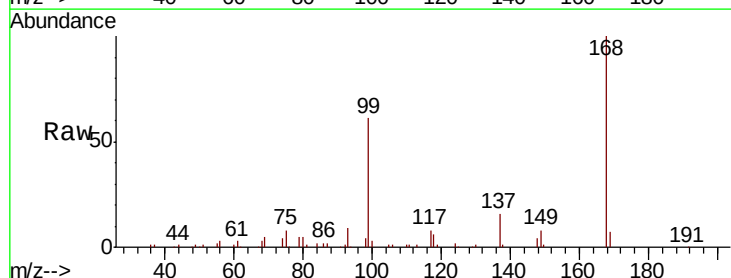
Tgt Ion: 56 Resp: 14322

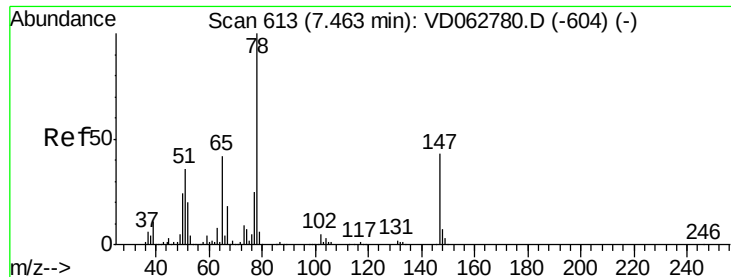
Ion Ratio Lower Upper

56 100

69 184.4 26.6 39.8#

84 59.2 75.5 113.3#

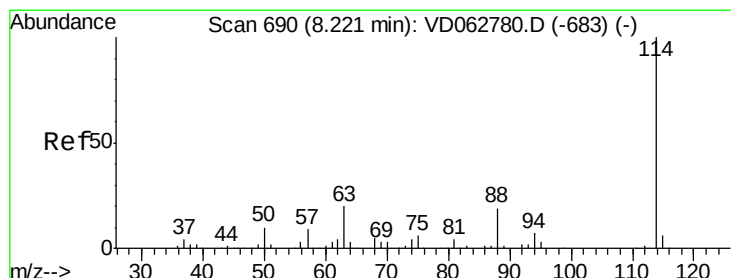
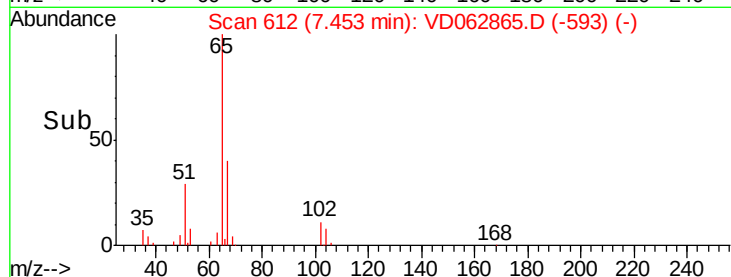
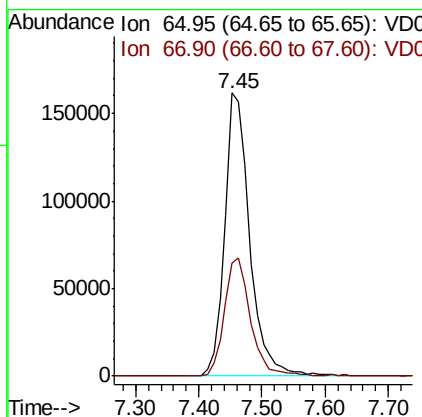
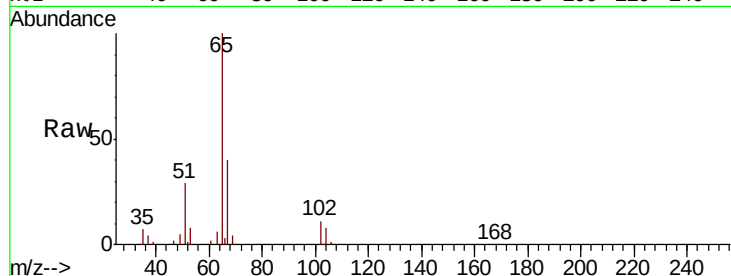




#33
 1,2-Dichloroethane-d4
 Concen: 68.488 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062865.D
 Acq: 25 Jun 2019 5:15

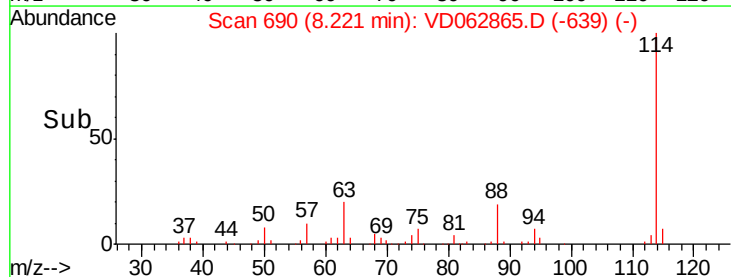
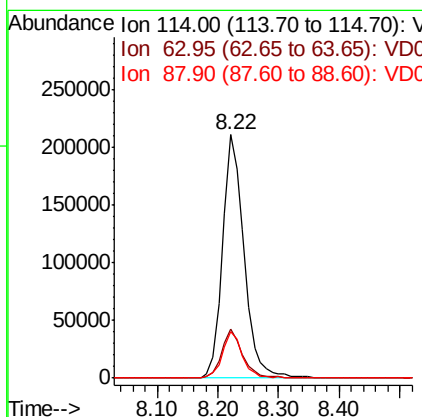
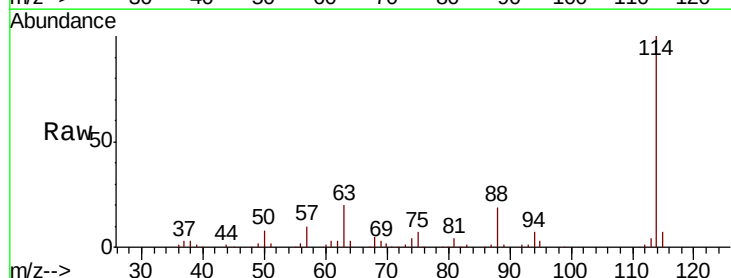
Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B04

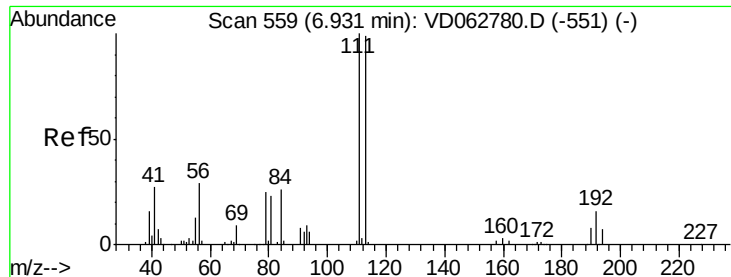
Tot Ion: 65 Resp: 442234
 Ion Ratio Lower Upper
 65 100
 67 40.1 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062865.D
 Acq: 25 Jun 2019 5:15

Tgt Ion: 114 Resp: 518713
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 19.1 0.0 38.8





#35

Dibromofluoromethane

Concen: 111.388 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

Instrument :

MSVOA_D

ClientSampleId :

BAT-B04

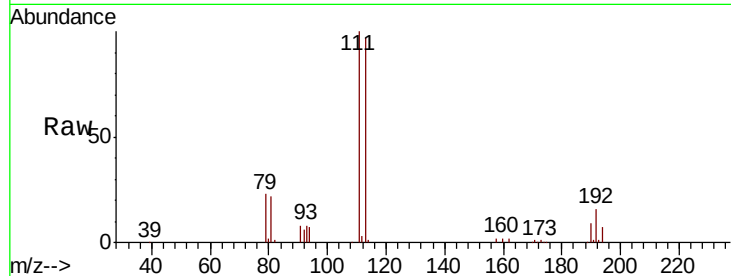
Tot Ion:113 Resp: 487186

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

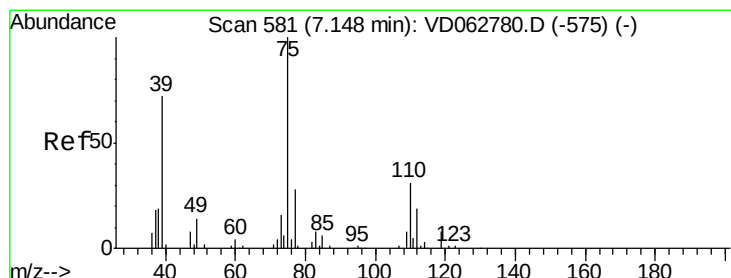
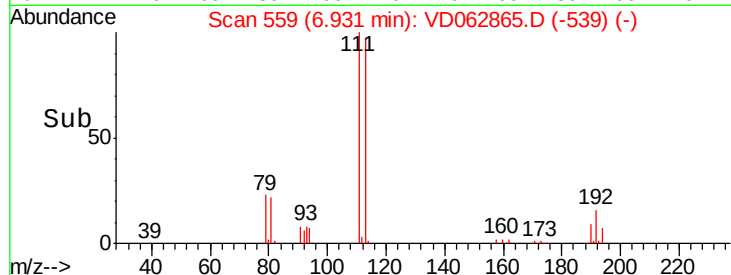
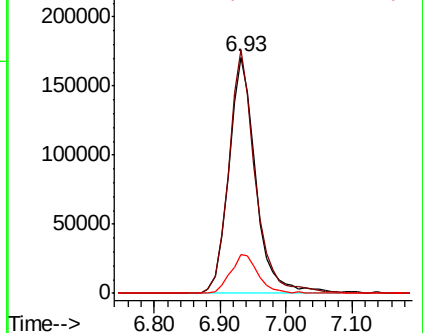
192 16.5 12.9 19.3



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: 10.005 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

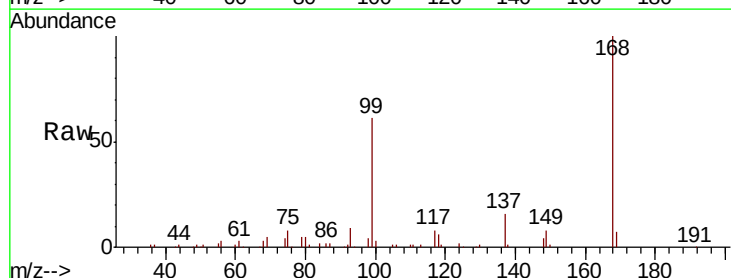
Tgt Ion: 75 Resp: 49128

Ion Ratio Lower Upper

75 100

110 13.5 15.0 45.1#

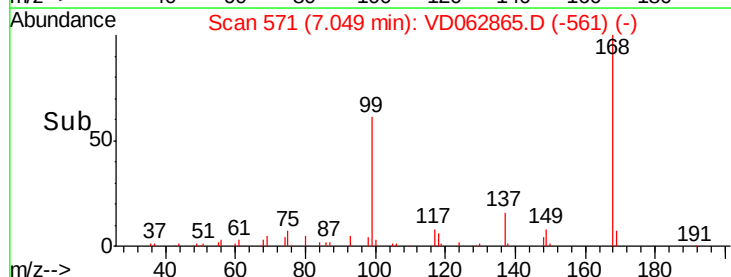
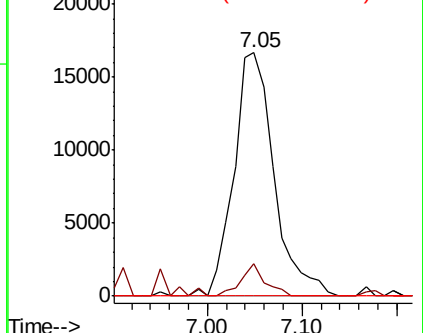
77 0.0 22.2 33.2#

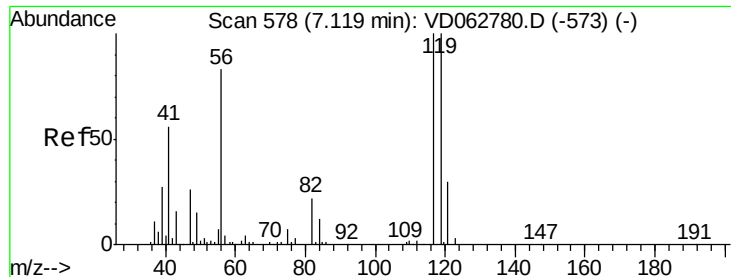


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 7.723 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

Instrument :

MSVOA_D

ClientSampled :

BAT-B04

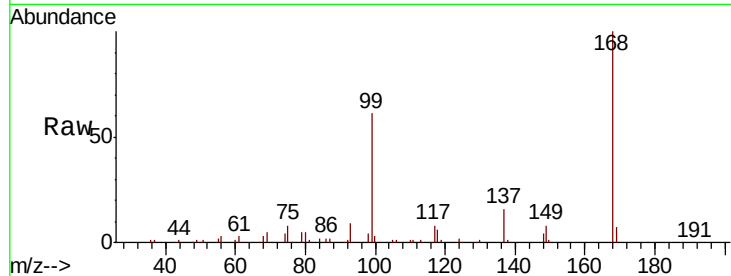
Tot Ion:117 Resp: 57032

Ion Ratio Lower Upper

117 100

119 6.5 75.4 113.2#

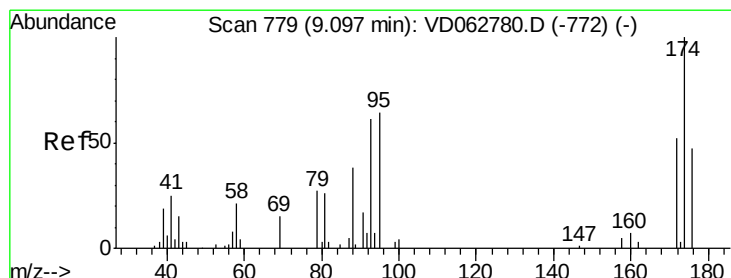
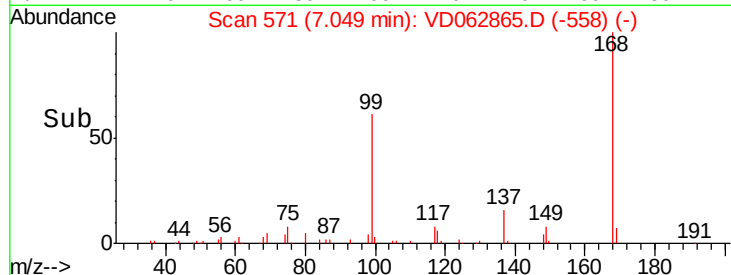
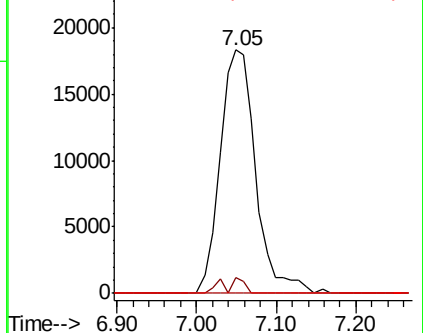
121 0.0 22.3 33.5#



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



#49

1,4-Dioxane

Concen: 12.024 ug/l

RT: 9.10 min Scan# 779

Delta R.T. -0.00 min

Lab File: VD062865.D

Acq: 25 Jun 2019 5:15

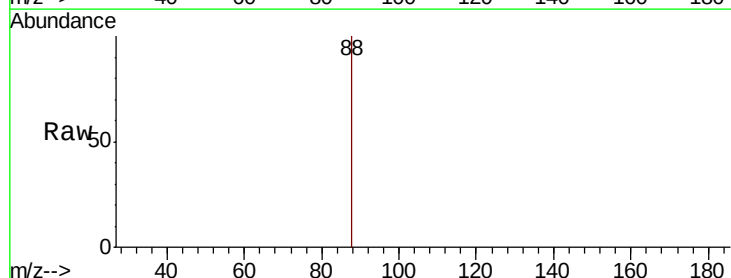
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 0.0 32.1 48.1#

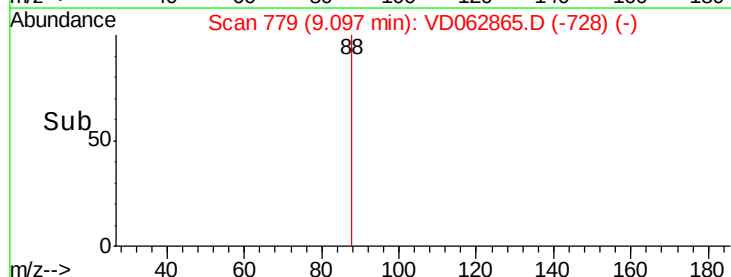
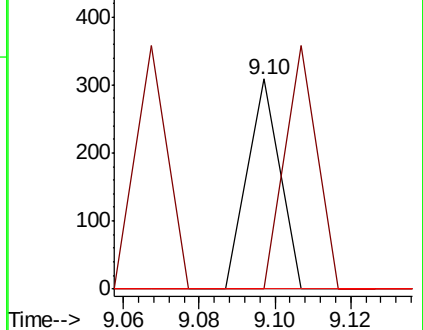
58 0.0 44.1 66.1#

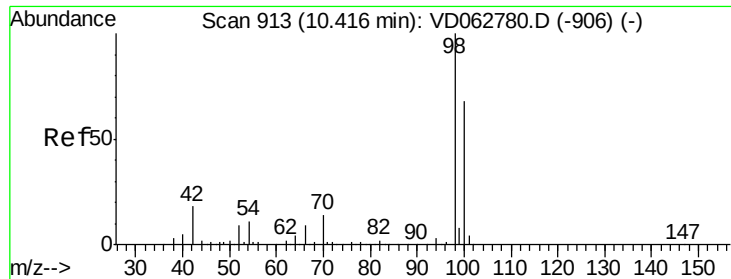


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

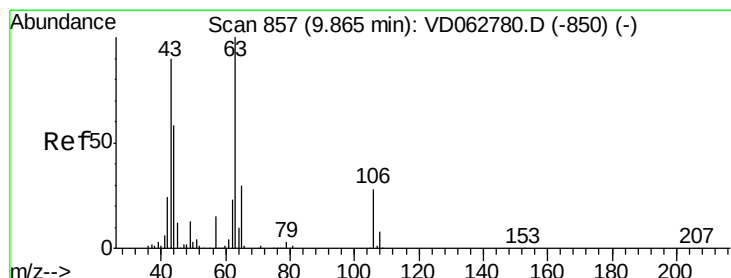
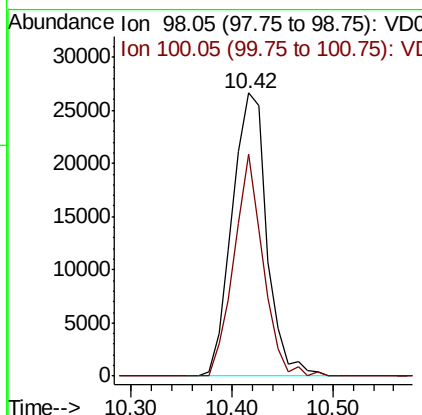
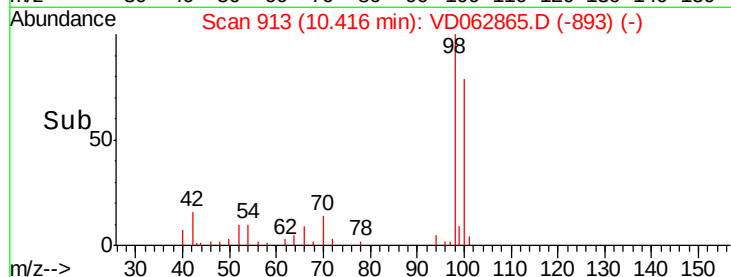
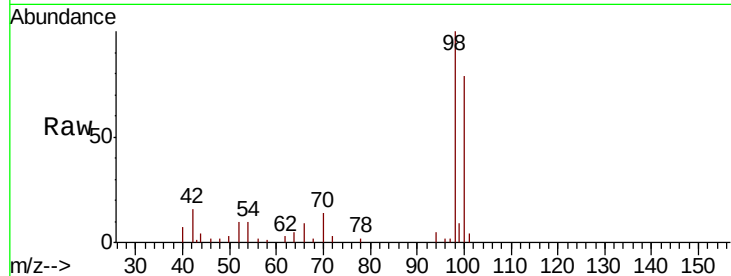




#50
Toluene-d8
Concen: 6.705 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

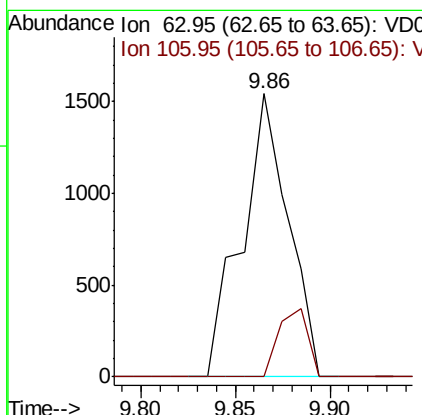
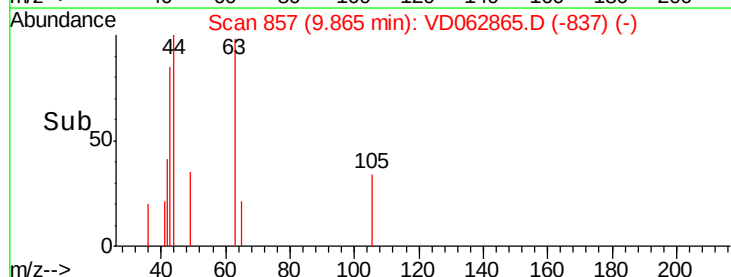
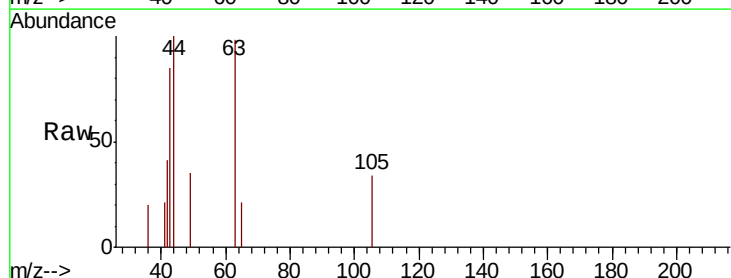
Instrument :
MSVOA_D
ClientSampleId :
BAT-B04

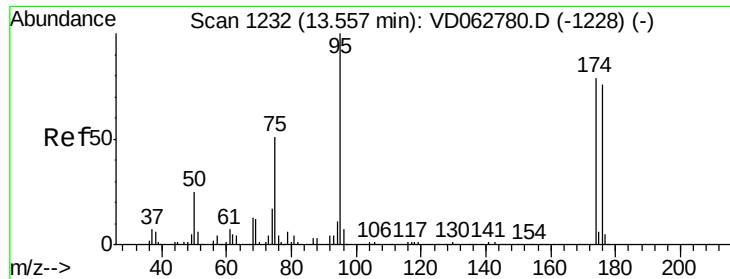
Tot Ion: 98 Resp: 63829
Ion Ratio Lower Upper
98 100
100 78.5 54.7 82.1



#58
2-Chloroethyl Vinyl ether
Concen: 2.107 ug/l
RT: 9.86 min Scan# 857
Delta R.T. -0.00 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

Tgt Ion: 63 Resp: 2631
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

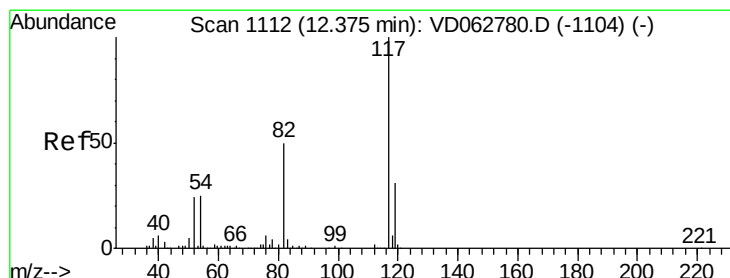
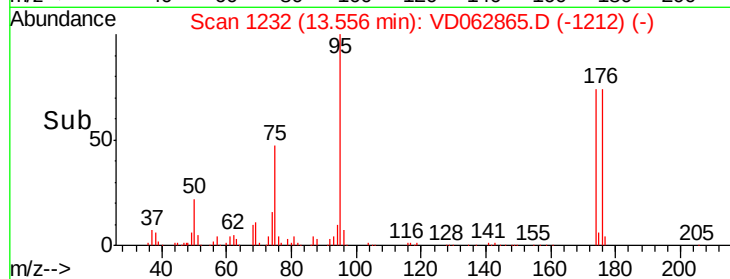
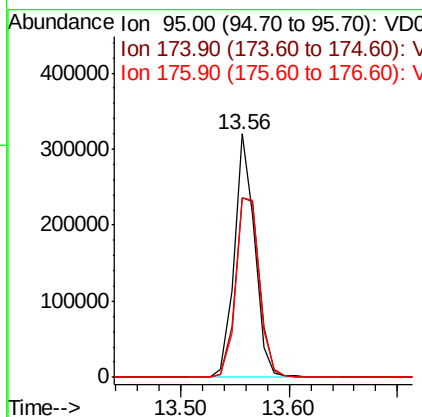
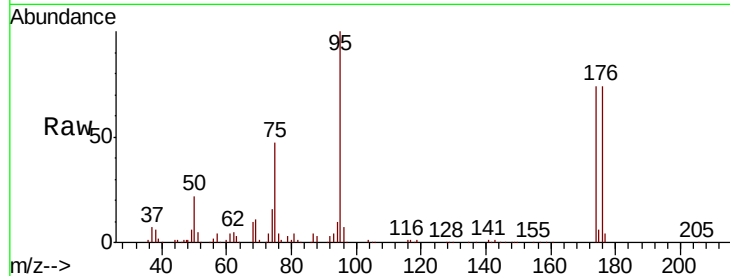




#62
4-Bromofluorobenzene
Concen: 96.655 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

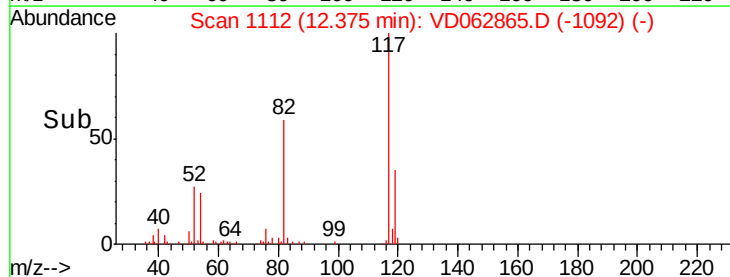
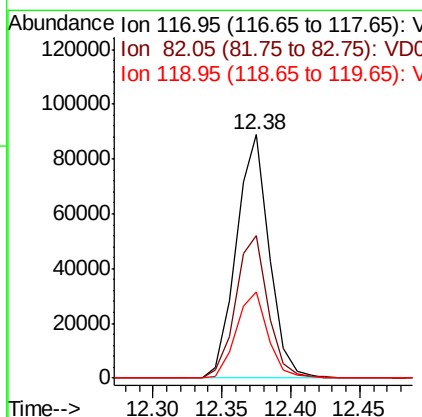
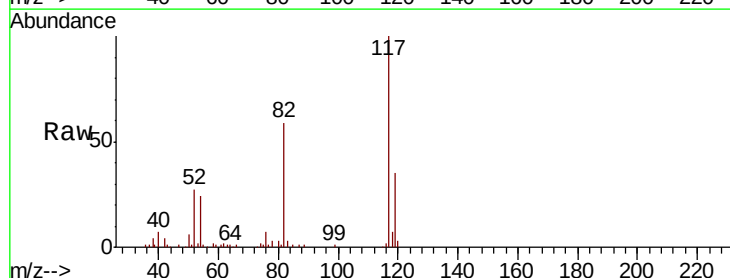
Instrument :
MSVOA_D
ClientSampleId :
BAT-B04

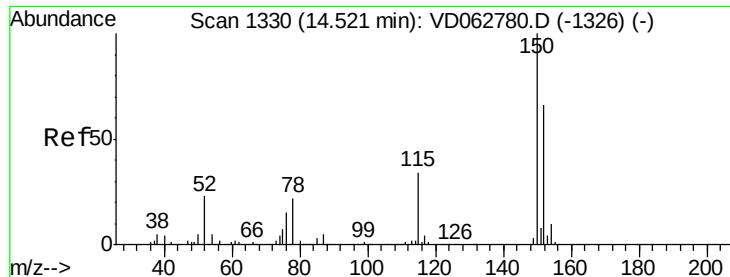
Tot Ion	95	Resp	418372
Ion Ratio	Lower	Upper	
95	100		
174	73.7	0.0	158.0
176	73.9	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062865.D
Acq: 25 Jun 2019 5:15

Tgt Ion	117	Resp	147863
Ion Ratio	Lower	Upper	
117	100		
82	58.6	40.4	60.6
119	35.3	25.2	37.8

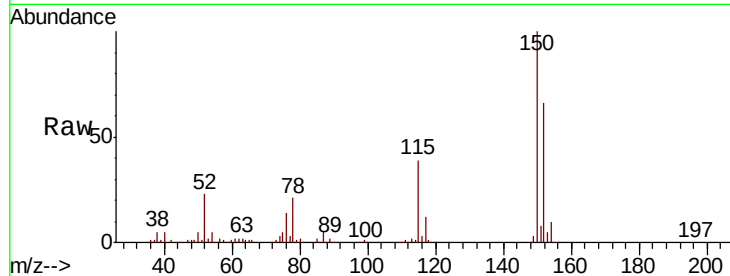




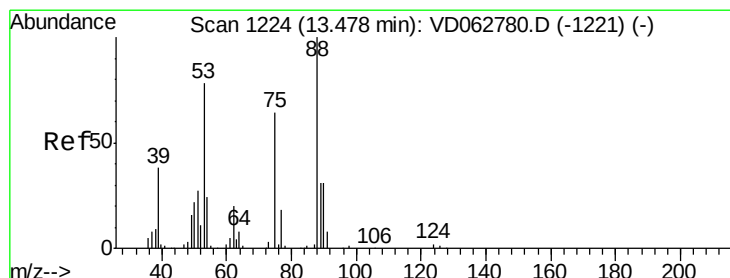
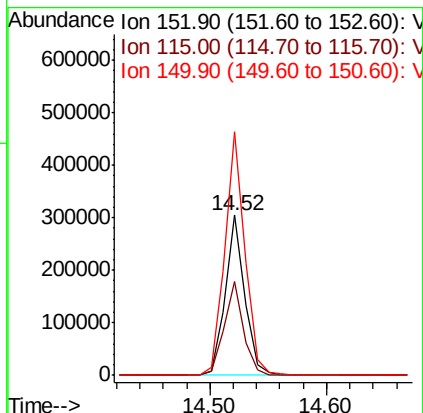
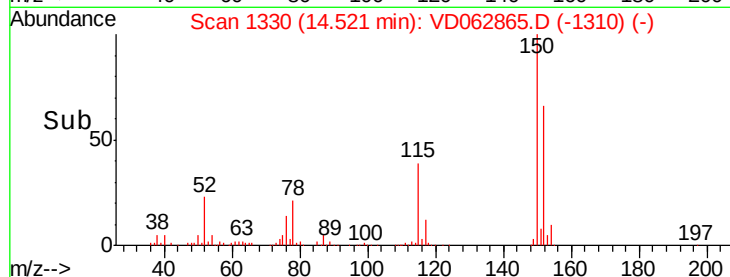
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062865.D
 Acq: 25 Jun 2019 5:15

Instrument :
 MSVOA_D
 ClientSampleId :
 BAT-B04

Tot Ion:152 Resp: 351342
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.2 87.6
 150 152.1 0.0 305.8

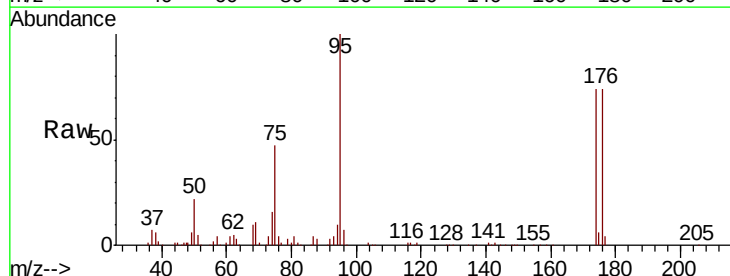


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 178.371 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD062865.D
 Acq: 25 Jun 2019 5:15

Tgt Ion: 75 Resp: 189611
 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

