

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062823.D
 Acq On : 21 Jun 2019 18:21
 Operator : VA/AP
 Sample : K3158-05RE
 Misc : 5.67µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-062019RE

Quant Time: Jun 22 04:14:49 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	529851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	714715	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	507351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	171385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	307273	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	6.93	113	313360	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	10.42	98	532222	40.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.16%	
62) 4-Bromofluorobenzene	13.56	95	189588	31.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.58%	

Target Compounds

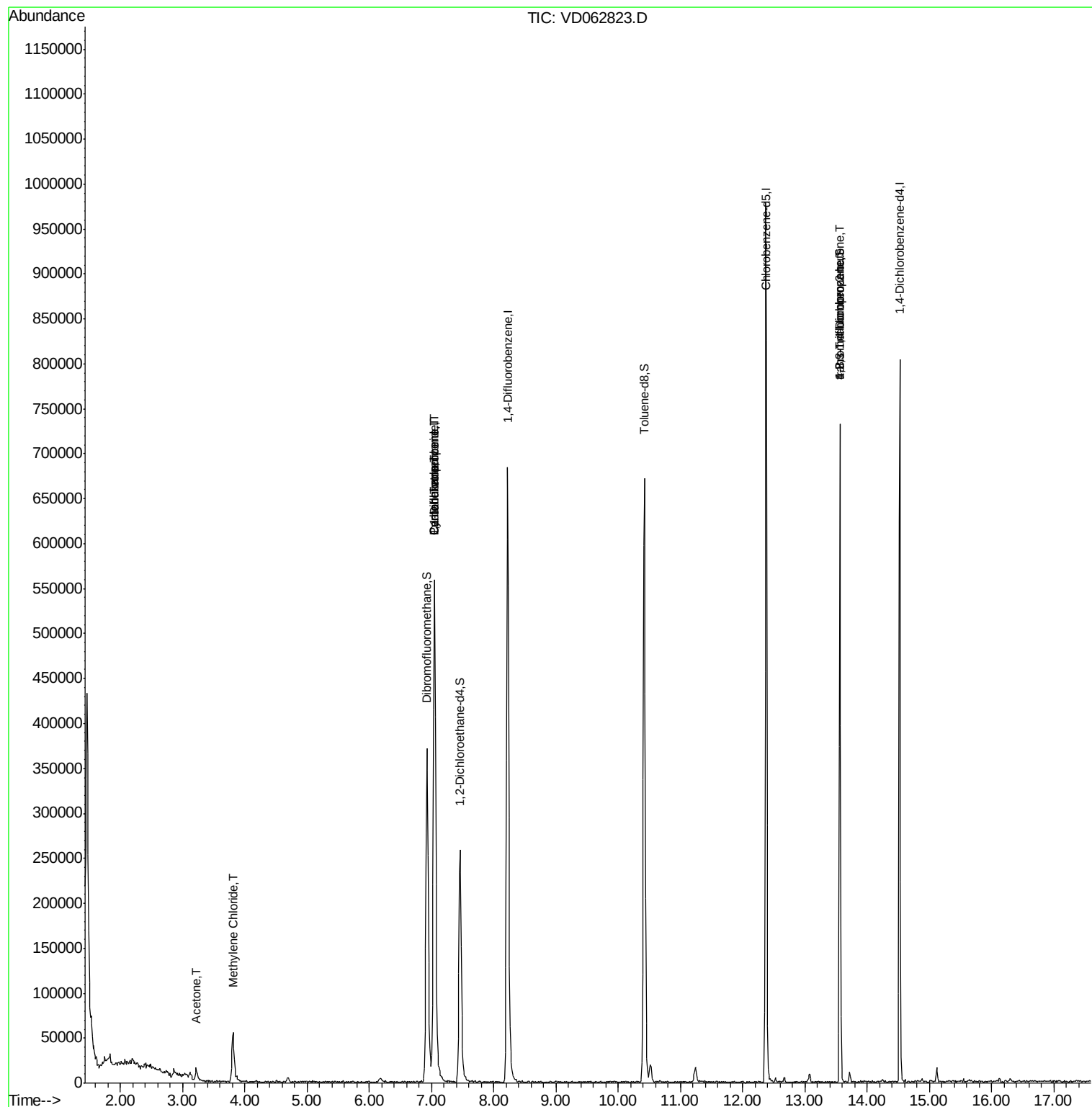
	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	24774	14.625	ug/l	96
20) Methylene Chloride	3.82	84	32750	7.456	ug/l	90
31) Cyclohexane	7.05	56	12621	2.334	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	41207	6.091	ug/l #	54
37) Ethyl Acetate	6.18	43	201	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	50566	4.969	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	67302	34.016	ug/l #	47
81) trans-1,4-Dichloro-2-buten	13.56	75	96825	186.727	ug/l #	2

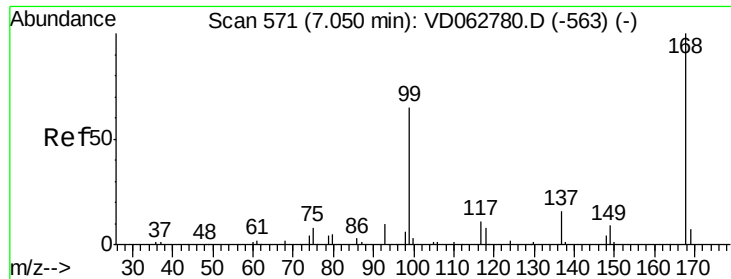
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062823.D
Acq On : 21 Jun 2019 18:21
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ALS Vial : 19 Sample Multiplier: 1

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Quant Time: Jun 22 04:14:49 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# 572

Delta R.T. 0.01 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

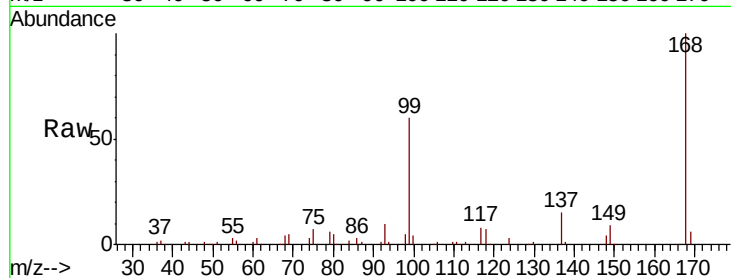
OK-03-062019RE

Tot Ion:168 Resp: 529851

Ion Ratio Lower Upper

168 100

99 60.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

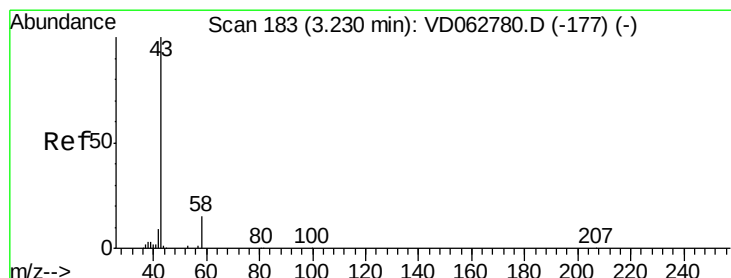
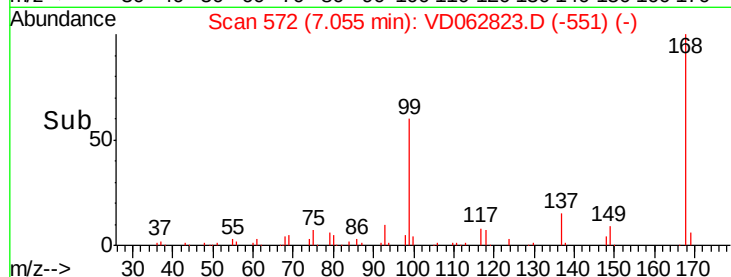
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 14.625 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062823.D

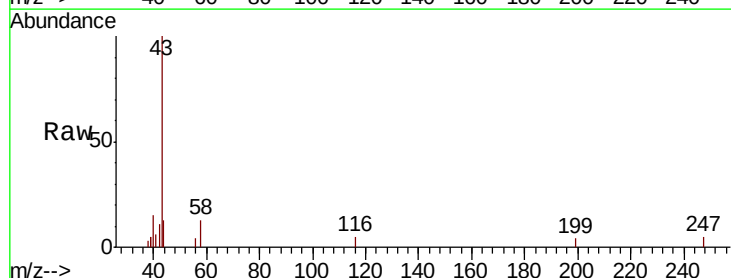
Acq: 21 Jun 2019 18:21

Tgt Ion: 43 Resp: 24774

Ion Ratio Lower Upper

43 100

58 13.4 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

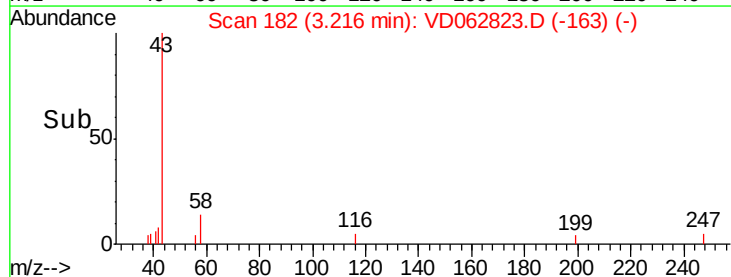
4000

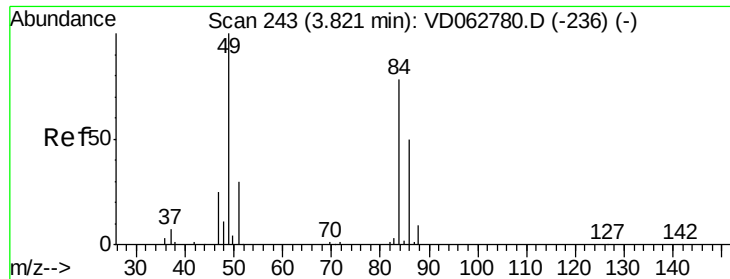
2000

0

3.10 3.20 3.30

Time-->

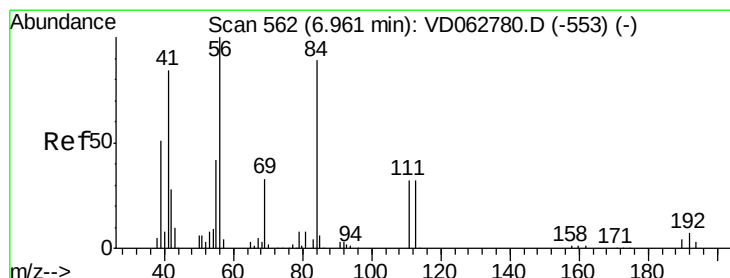
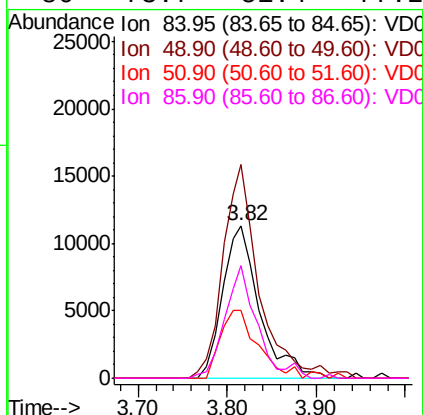
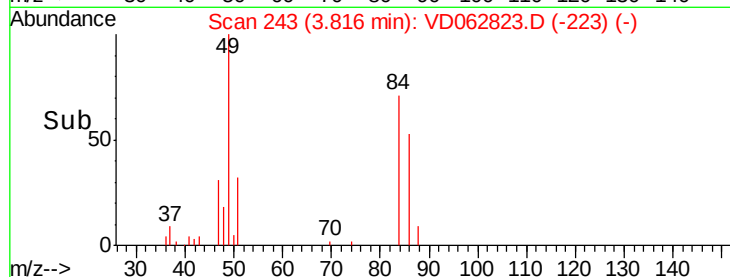
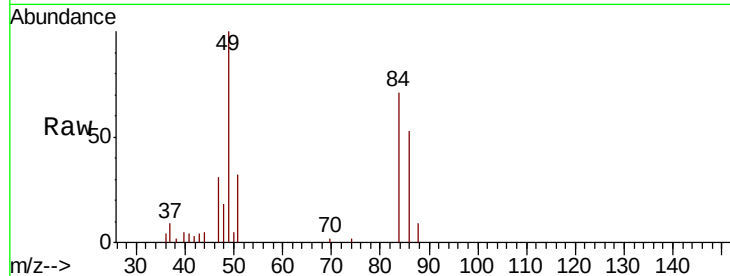




#20
Methylene Chloride
Concen: 7.456 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

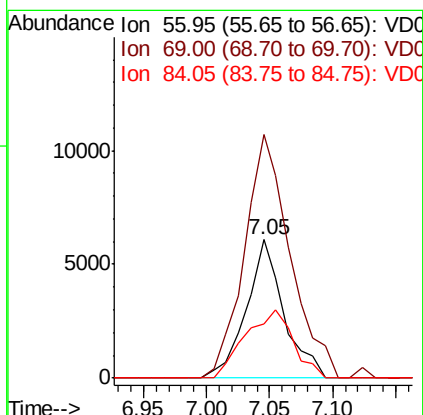
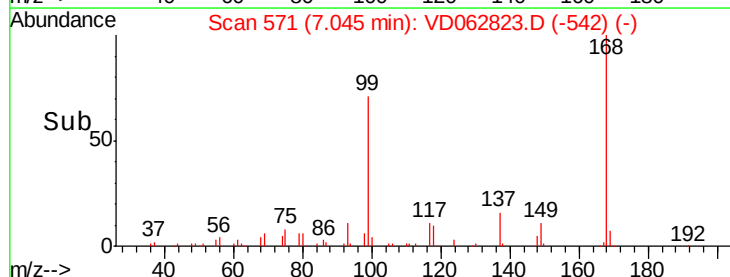
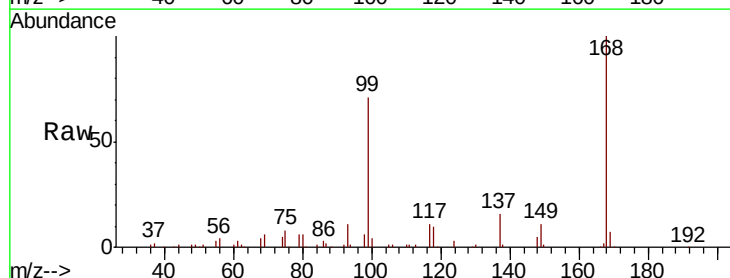
Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

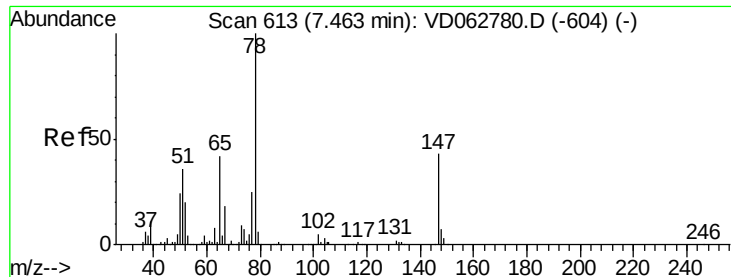
Tot Ion:	84	Resp:	32750
Ion	Ratio	Lower	Upper
84	100		
49	140.2	102.9	154.3
51	44.2	31.2	46.8
86	73.7	51.4	77.2



#31
Cyclohexane
Concen: 2.334 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion:	56	Resp:	12621
Ion	Ratio	Lower	Upper
56	100		
69	175.9	26.6	39.8#
84	38.8	75.5	113.3#





#33

1,2-Dichloroethane-d4

Concen: 53.352 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

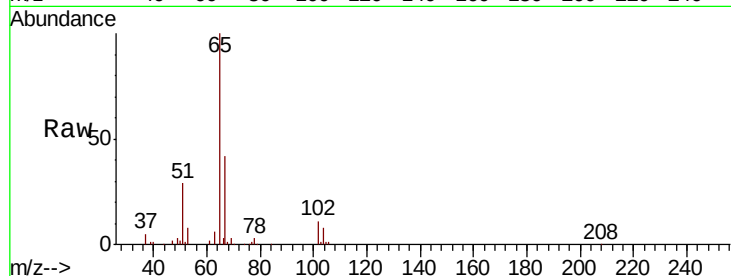
OK-03-062019RE

Tot Ion: 65 Resp: 307273

Ion Ratio Lower Upper

65 100

67 42.4 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

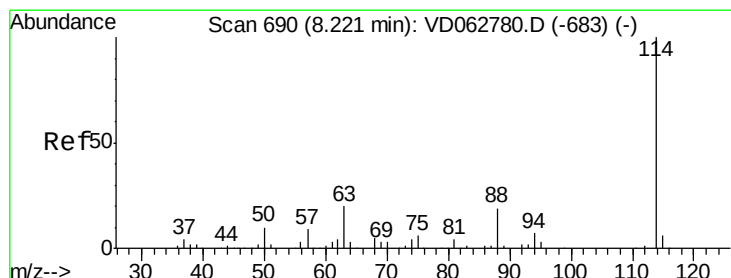
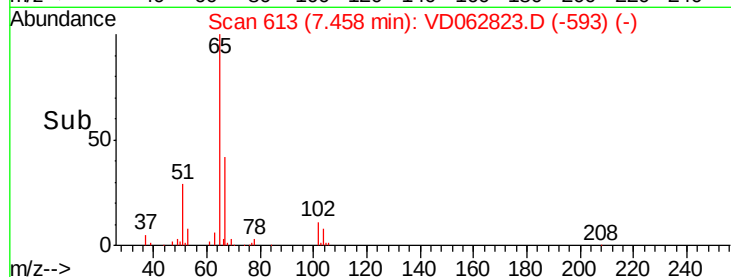
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

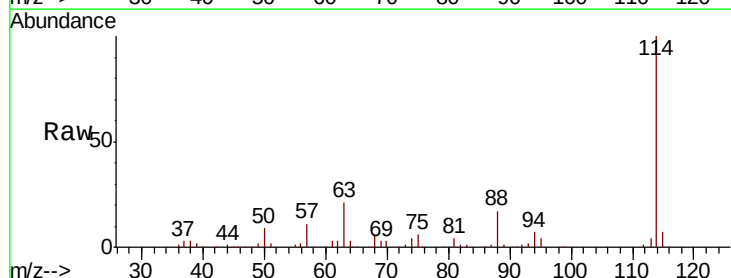
Tgt Ion: 114 Resp: 714715

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.8 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

8.23

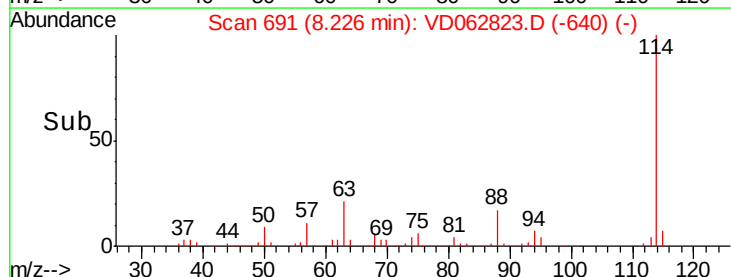
300000

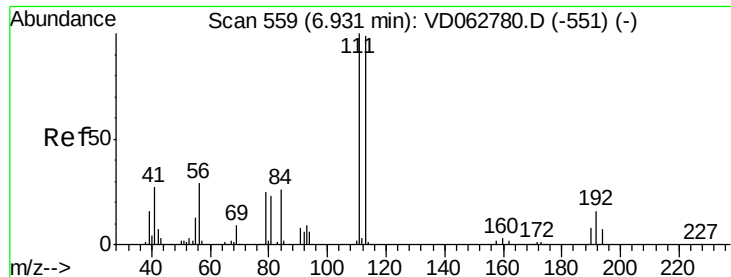
200000

100000

0

Time--> 8.20 8.40

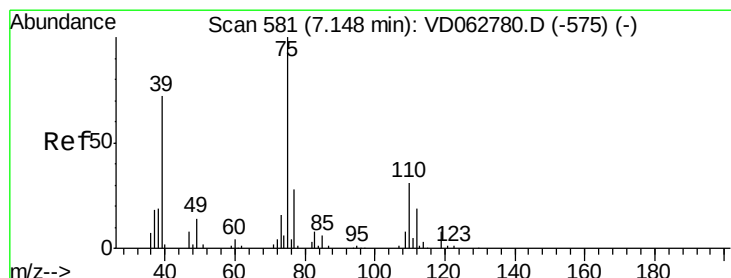
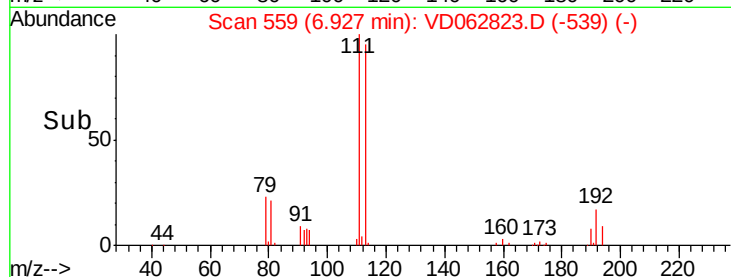
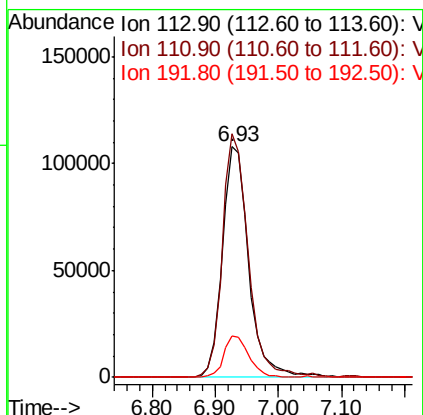
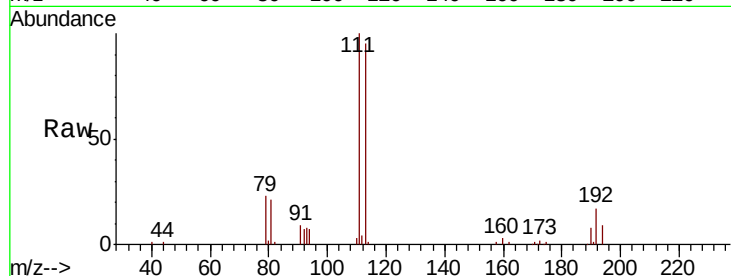




#35
Dibromofluoromethane
Concen: 51.997 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

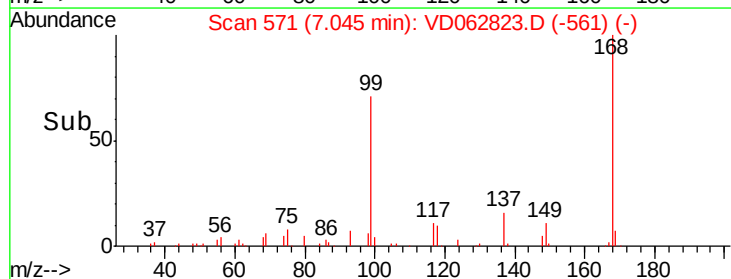
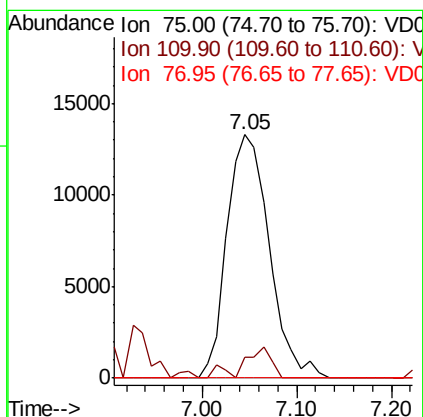
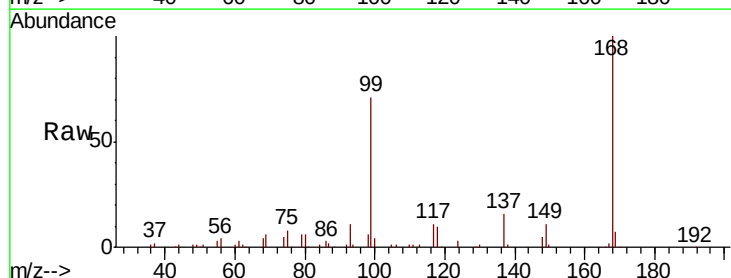
Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

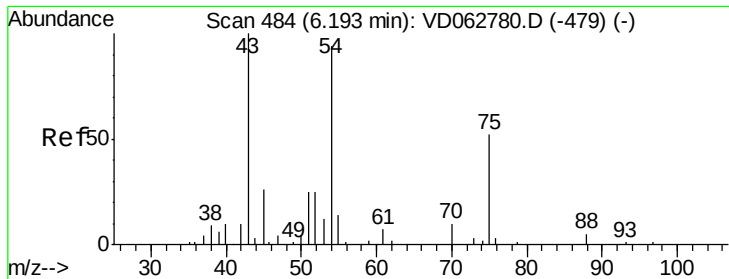
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.2	121.8
192	18.2	12.9	19.3



#36
1,1-Dichloropropene
Concen: 6.091 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.0	45.1#
77	0.0	22.2	33.2#





#37

Ethyl Acetate

Concen: Below Cal

RT: 6.18 min Scan# 483

Delta R.T. -0.01 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

OK-03-062019RE

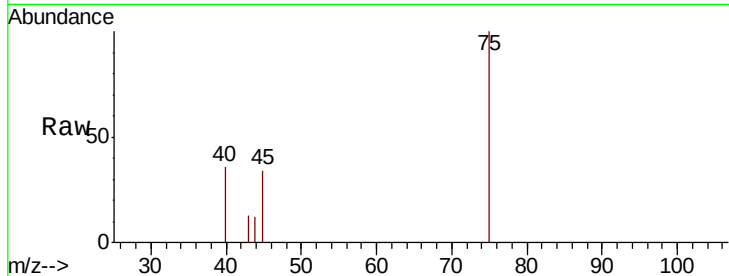
Tot Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

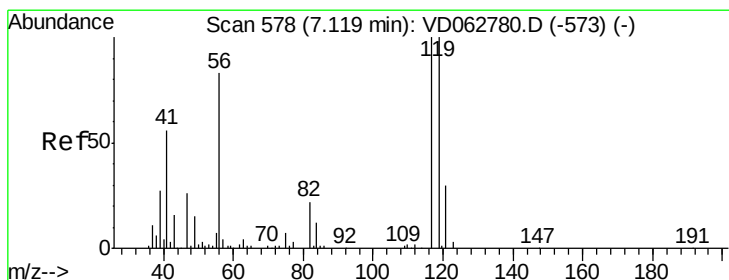
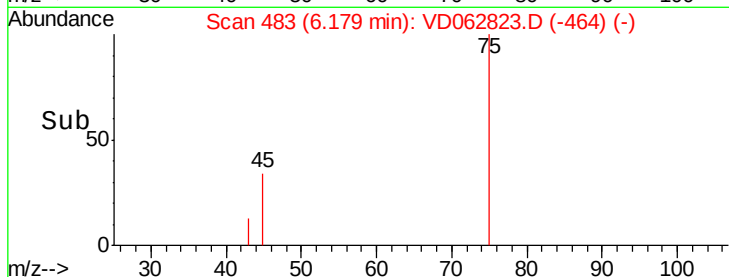
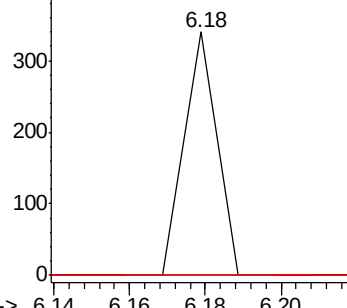
70 0.0 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 4.969 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

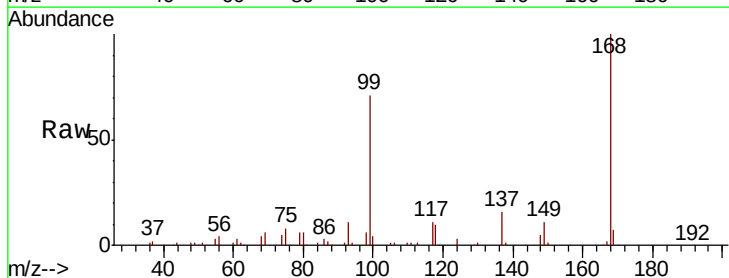
Tgt Ion: 117 Resp: 50566

Ion Ratio Lower Upper

117 100

119 3.9 75.4 113.2#

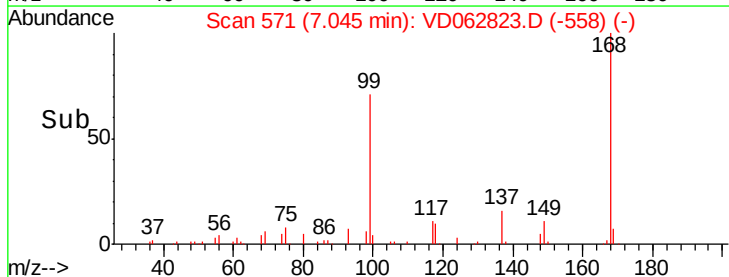
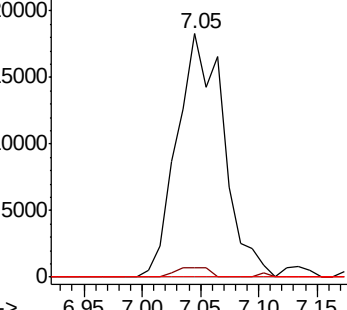
121 0.0 22.3 33.5#

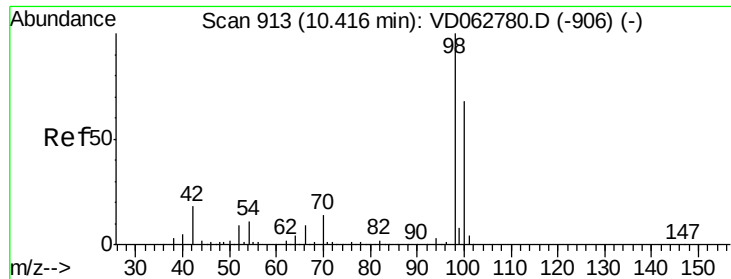


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

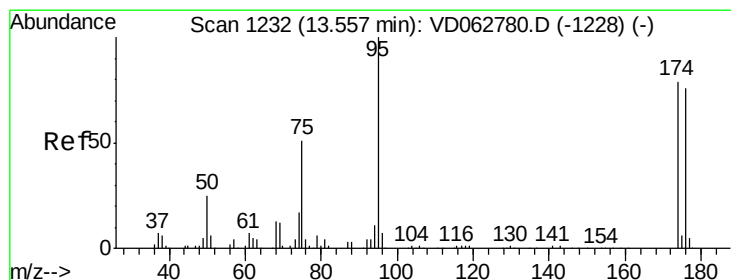
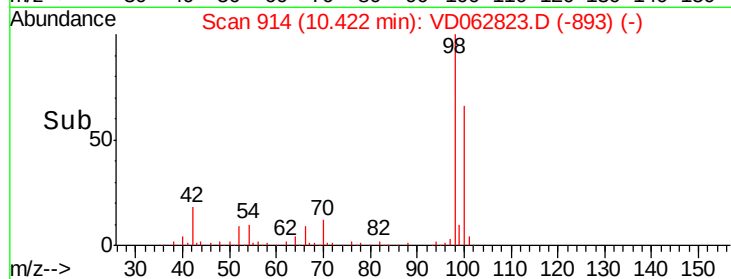
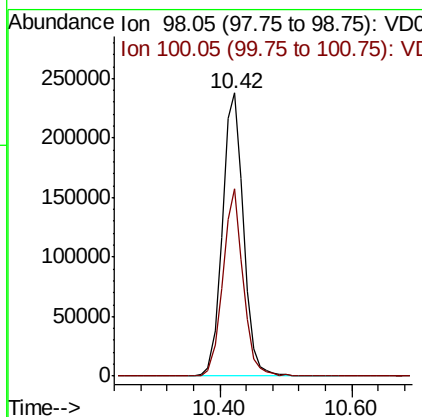
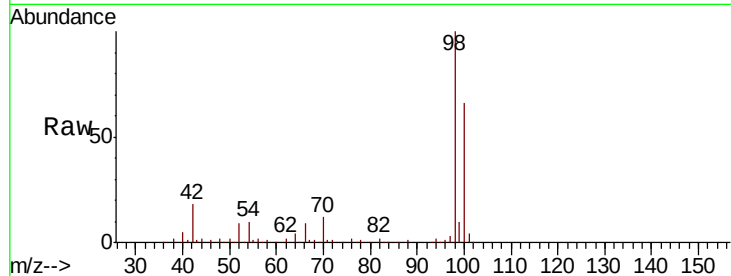




#50
Toluene-d8
Concen: 40.577 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

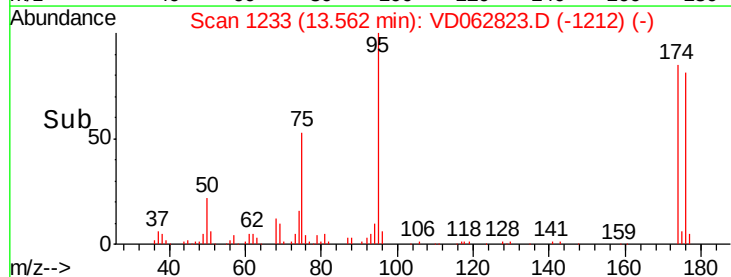
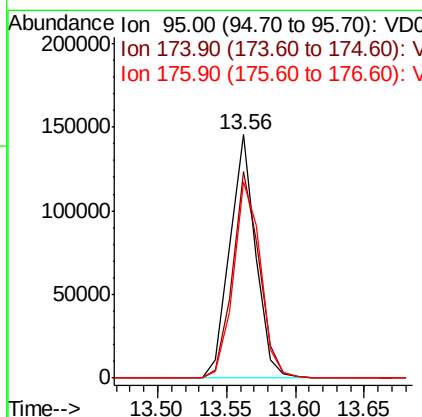
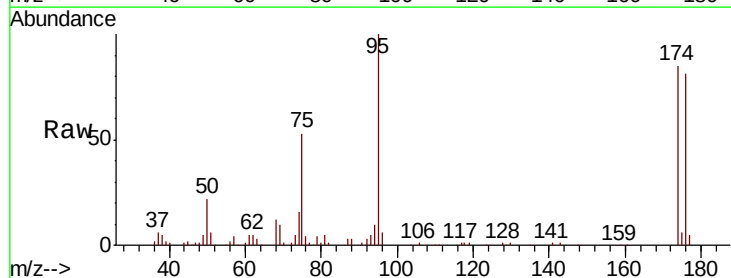
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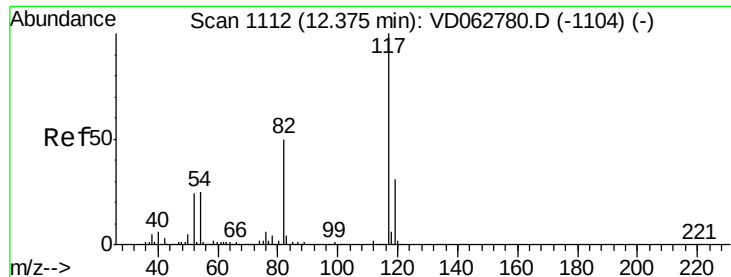
Tot Ion: 98 Resp: 532222
Ion Ratio Lower Upper
98 100
100 66.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 31.788 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion: 95 Resp: 189588
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 80.8 0.0 151.6

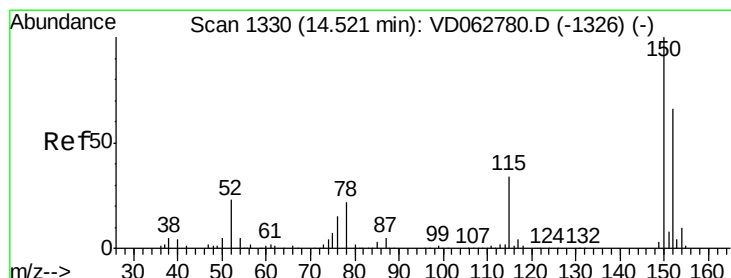
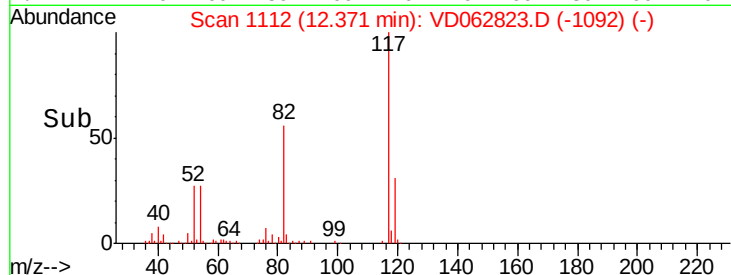
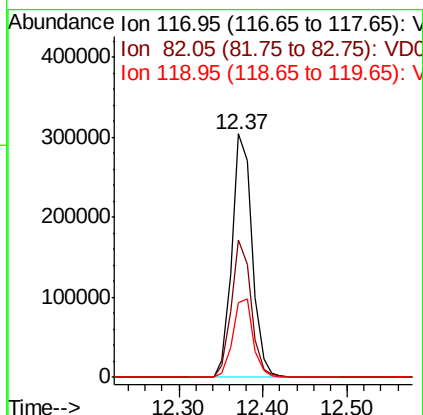
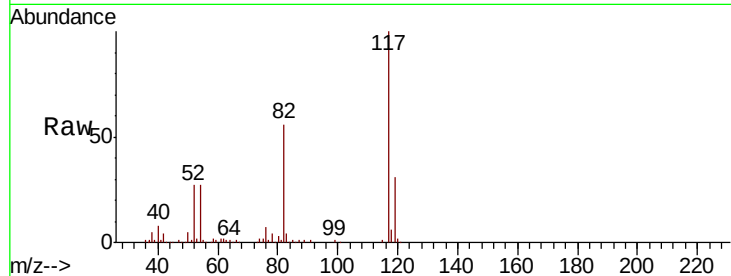




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

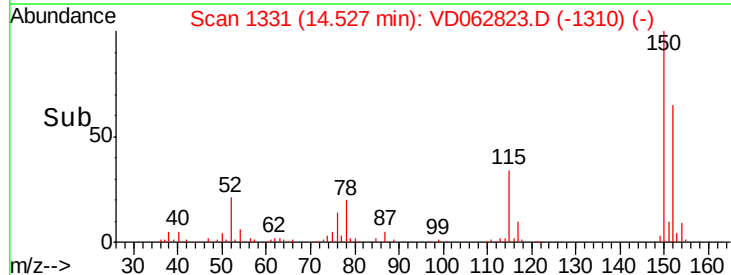
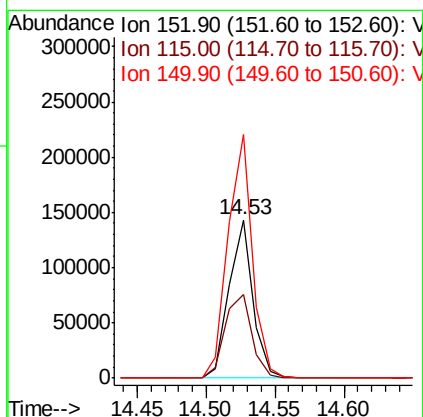
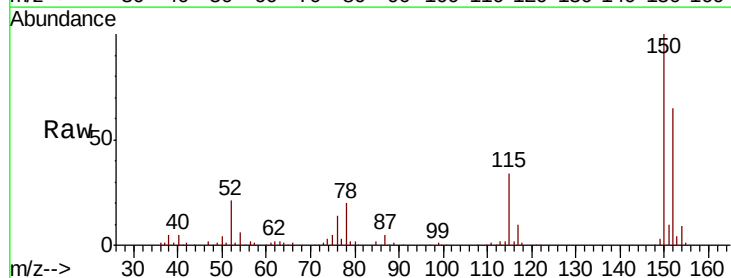
Instrument :
MSVOA_D
ClientSampleId :
OK-03-062019RE

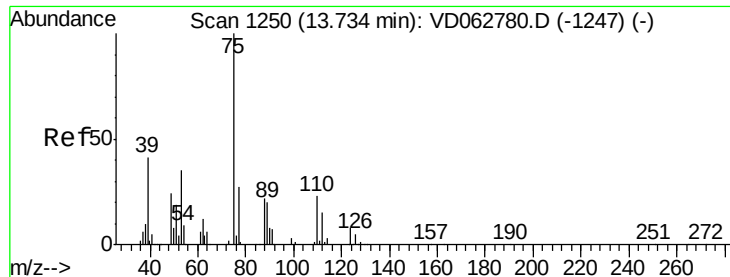
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	40.4	60.6
119	30.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062823.D
Acq: 21 Jun 2019 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.6	29.2	87.6
150	154.3	0.0	305.8





#76

1,2,3-Trichloropropane

Concen: 34.016 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Instrument :

MSVOA_D

ClientSampleId :

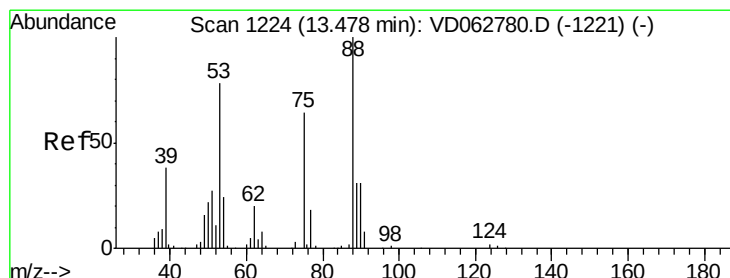
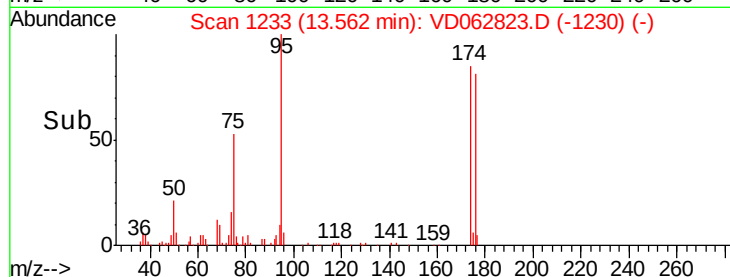
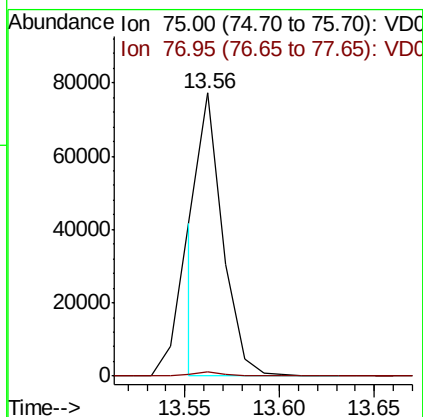
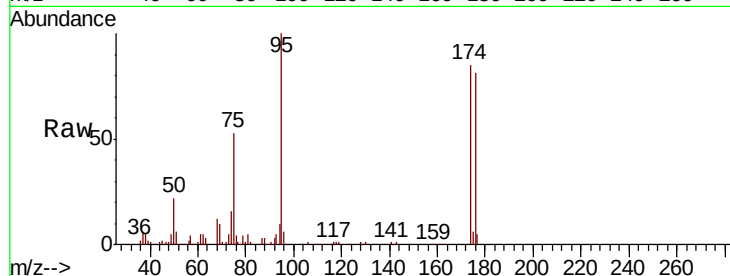
OK-03-062019RE

Tot Ion: 75 Resp: 67302

Ion Ratio Lower Upper

75 100

77 1.6 15.0 45.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 186.727 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062823.D

Acq: 21 Jun 2019 18:21

Tgt Ion: 75 Resp: 96825

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

