

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063660.D
 Acq On : 19 Aug 2019 16:24
 Operator : JC/SY
 Sample : K4385-15
 Misc : 5.91g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(2)

Quant Time: Aug 20 08:49:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	605750	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	971948	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	413038	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	69996	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	449242	69.38	ug/l	-0.02
Spiked Amount			Recovery	=	138.76%	
35) Dibromofluoromethane	6.92	113	467406	57.10	ug/l	-0.02
Spiked Amount			Recovery	=	114.20%	
50) Toluene-d8	10.40	98	523190	29.07	ug/l	-0.02
Spiked Amount			Recovery	=	58.14%	
62) 4-Bromofluorobenzene	13.55	95	118691	14.55	ug/l	-0.01
Spiked Amount			Recovery	=	29.10%	

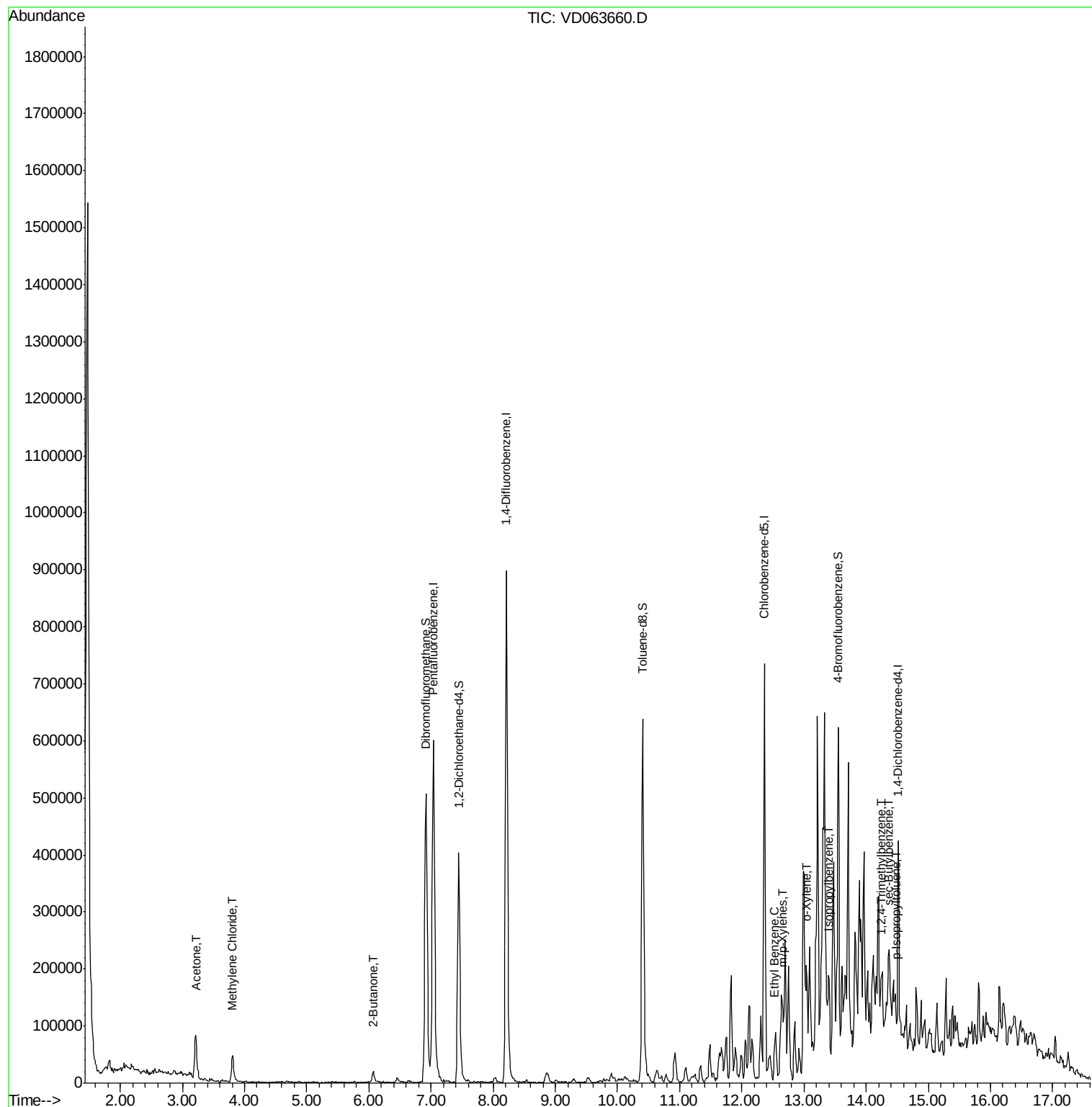
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	156079	118.579	ug/l #	86
20) Methylene Chloride	3.81	84	28029	4.925	ug/l	93
25) 2-Butanone	6.07	43	36072	27.748	ug/l	99
67) Ethyl Benzene	12.52	91	20831	1.548	ug/l	95
68) m/p-Xylenes	12.67	106	13342	2.821	ug/l	91
69) o-Xylene	13.05	106	5749	1.263	ug/l	76
73) Isopropylbenzene	13.40	105	16004	3.595	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	14478	4.022	ug/l	86
85) sec-Butylbenzene	14.36	105	16016	3.682	ug/l	90
86) p-Isopropyltoluene	14.49	119	11239	2.702	ug/l	93

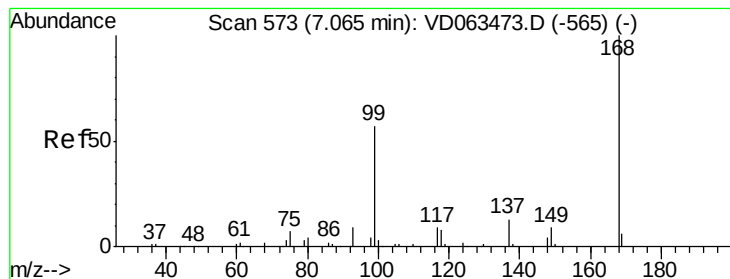
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
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T8-C-(2)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063660.D

Acq: 19 Aug 2019 16:24

Instrument :

MSVOA_D

ClientSampleId :

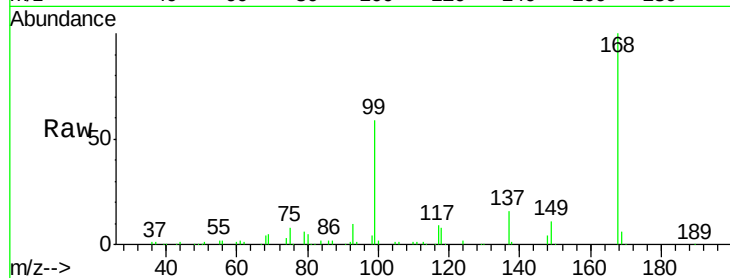
T8-C-(2)

Tot Ion:168 Resp: 605750

Ion Ratio Lower Upper

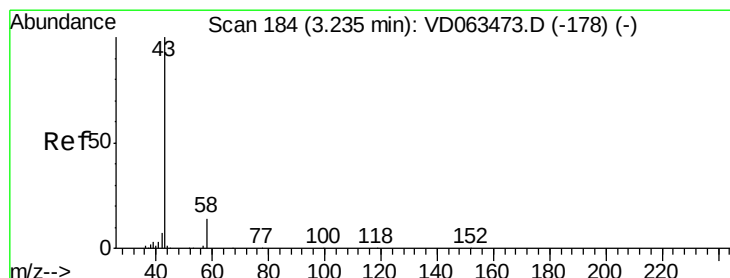
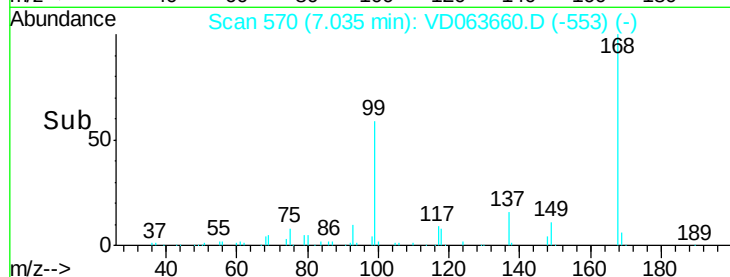
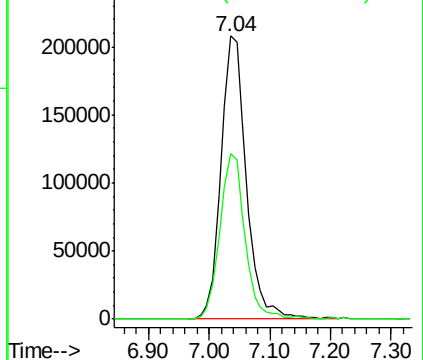
168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 118.579 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063660.D

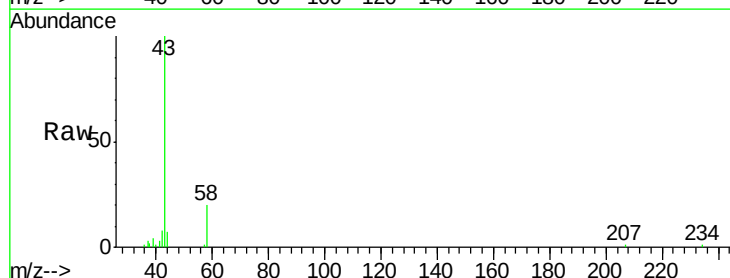
Acq: 19 Aug 2019 16:24

Tgt Ion: 43 Resp: 156079

Ion Ratio Lower Upper

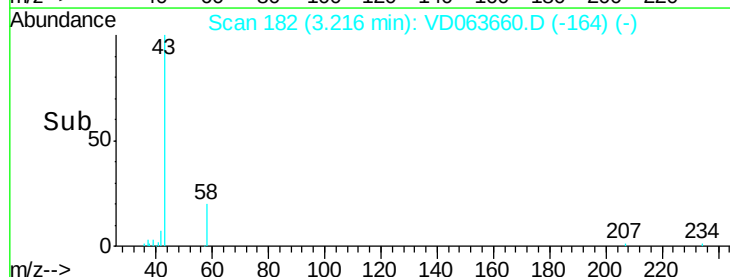
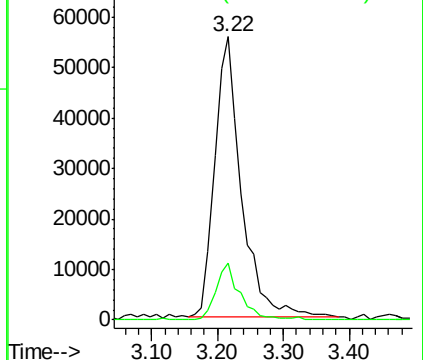
43 100

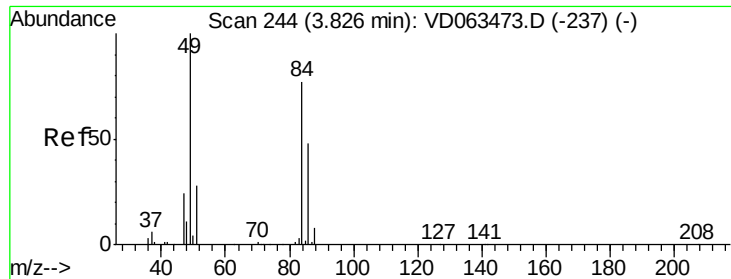
58 19.9 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

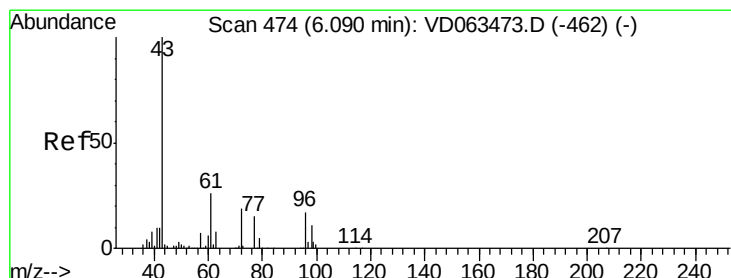
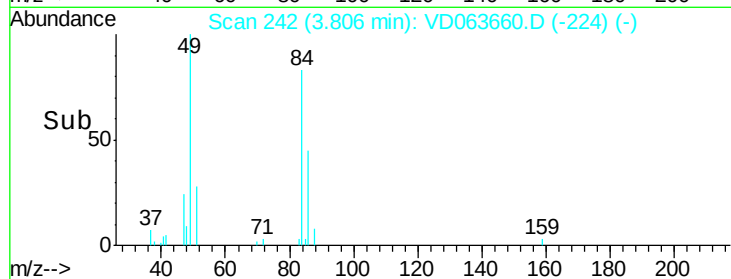
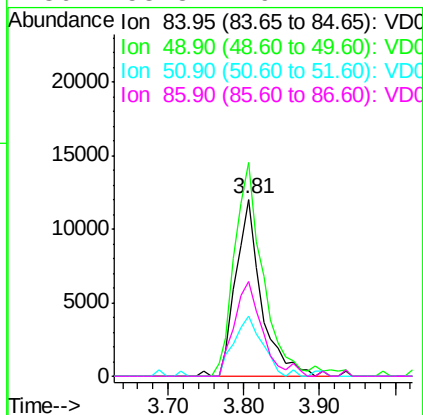
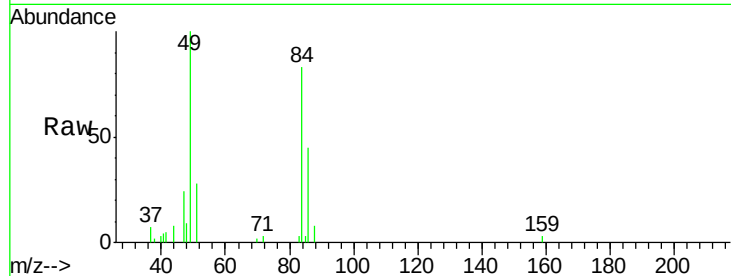




#20
Methylene Chloride
Concen: 4.925 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

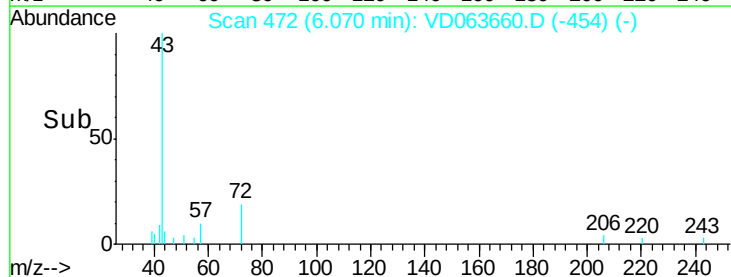
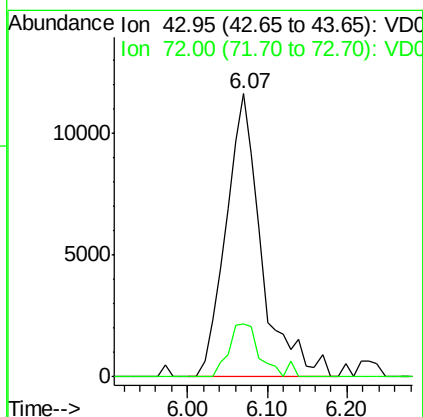
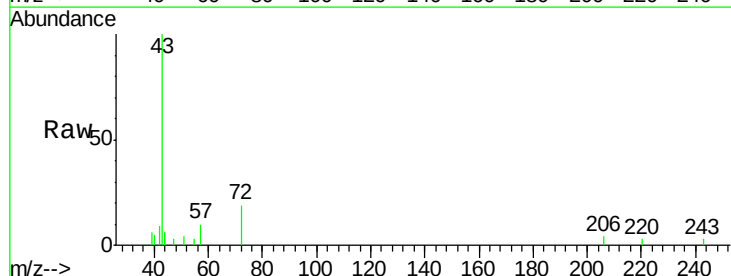
Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

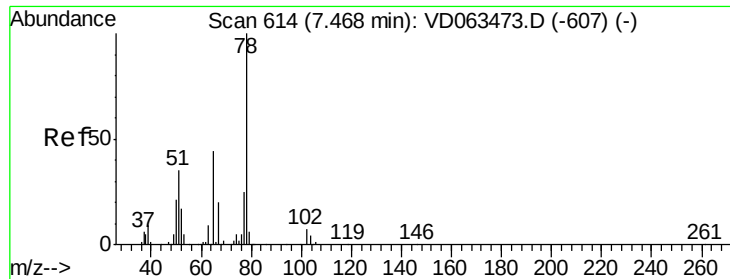
Tot Ion:	84	Resp:	28029
Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.4	155.2
51	34.0	28.5	42.7
86	53.8	49.4	74.2



#25
2-Butanone
Concen: 27.748 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Tgt Ion:	43	Resp:	36072
Ion	Ratio	Lower	Upper
43	100		
72	18.5	15.1	22.7

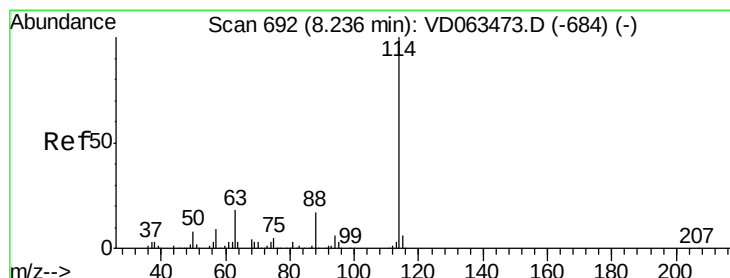
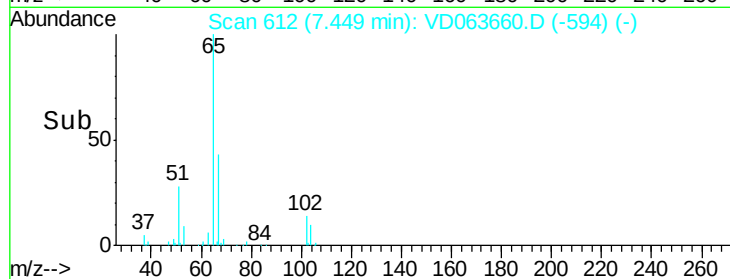
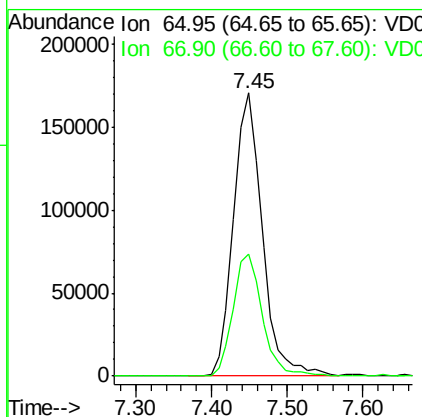
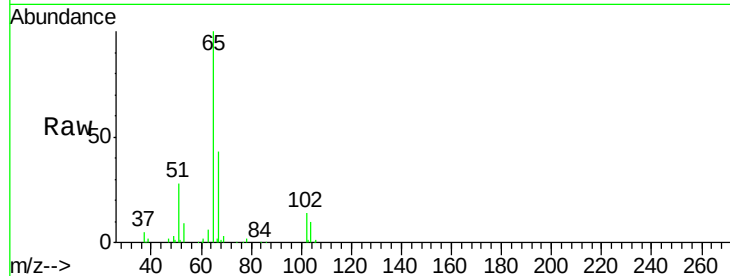




#33
 1,2-Dichloroethane-d4
 Concen: 69.381 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063660.D
 Acq: 19 Aug 2019 16:24

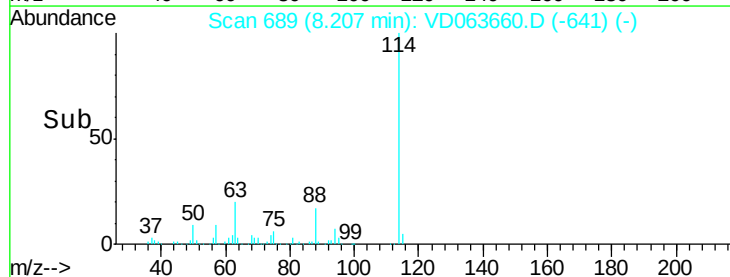
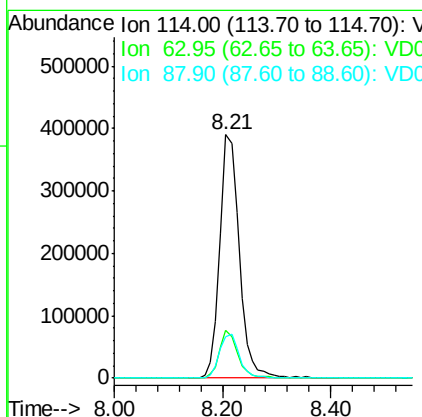
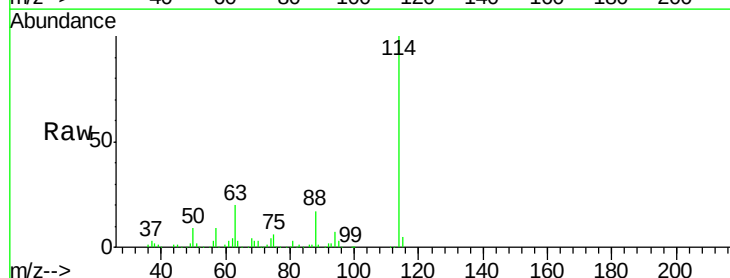
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(2)

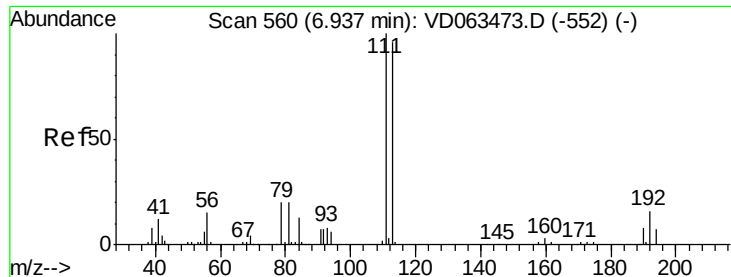
Tot Ion: 65 Resp: 449242
 Ion Ratio Lower Upper
 65 100
 67 43.0 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063660.D
 Acq: 19 Aug 2019 16:24

Tgt Ion: 114 Resp: 971948
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.2
 88 16.8 0.0 35.0





#35

Dibromofluoromethane

Concen: 57.100 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063660.D

Acq: 19 Aug 2019 16:24

Instrument :

MSVOA_D

ClientSampleId :

T8-C-(2)

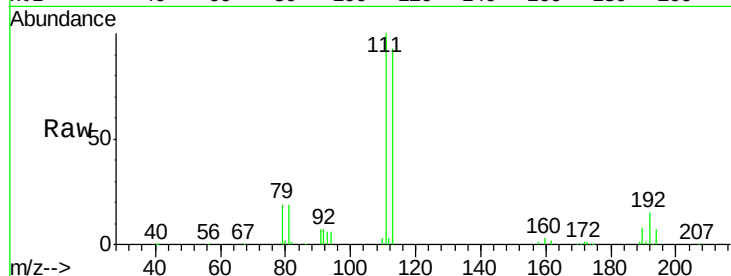
Tot Ion:113 Resp: 467406

Ion Ratio Lower Upper

113 100

111 107.0 83.1 124.7

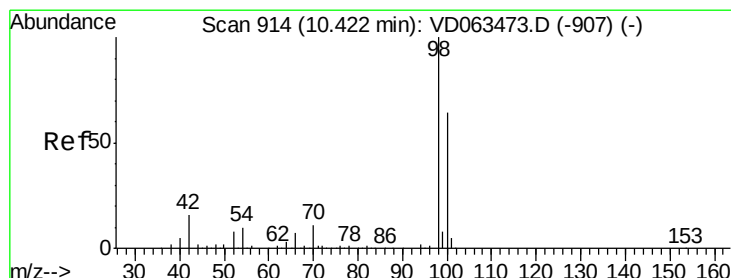
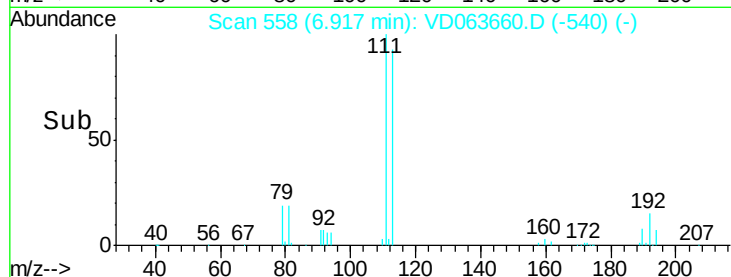
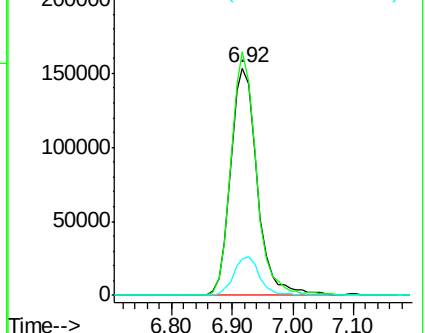
192 15.8 13.1 19.7



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



#50

Toluene-d8

Concen: 29.071 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063660.D

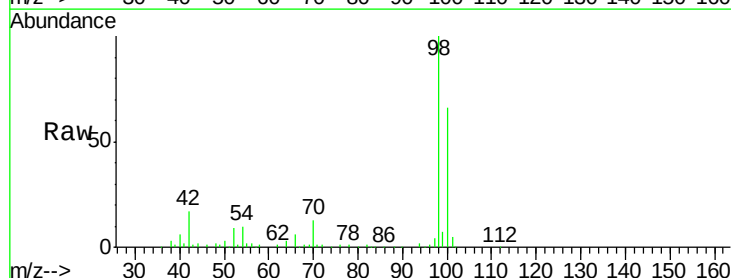
Acq: 19 Aug 2019 16:24

Tgt Ion: 98 Resp: 523190

Ion Ratio Lower Upper

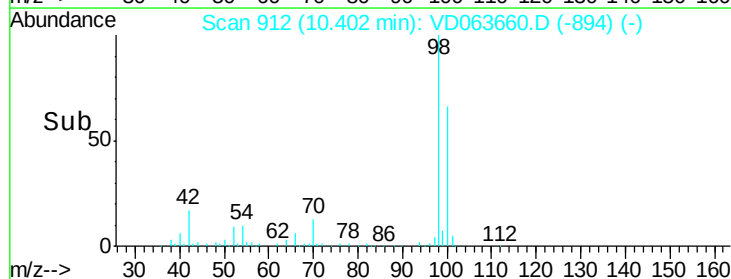
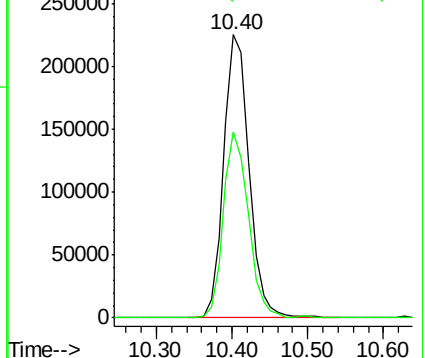
98 100

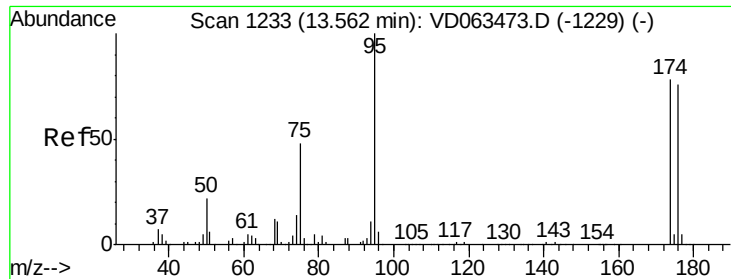
100 65.6 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

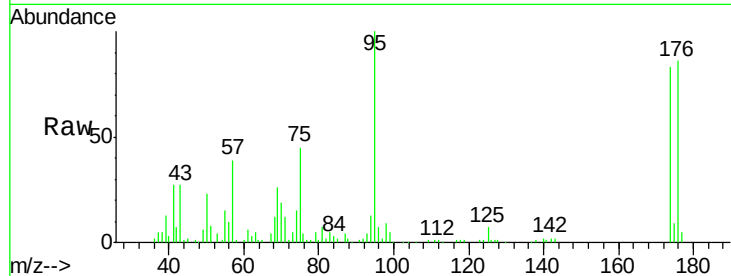




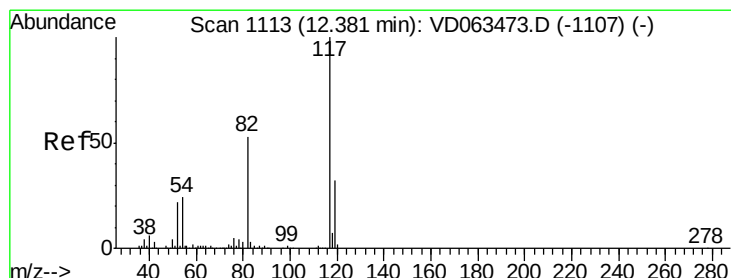
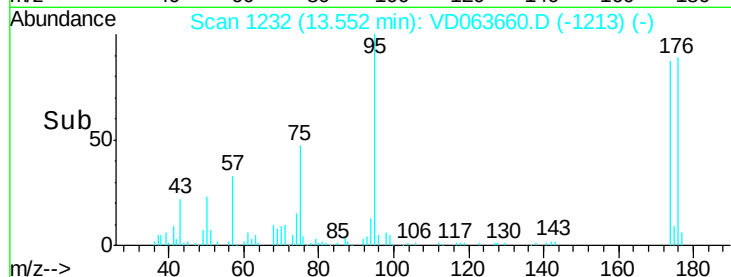
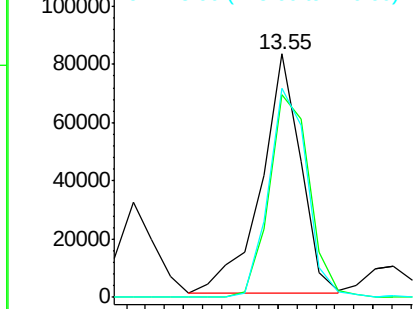
#62
4-Bromofluorobenzene
Concen: 14.551 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

Tot Ion: 95 Resp: 118691
Ion Ratio Lower Upper
95 100
174 83.4 0.0 155.4
176 85.6 0.0 152.4

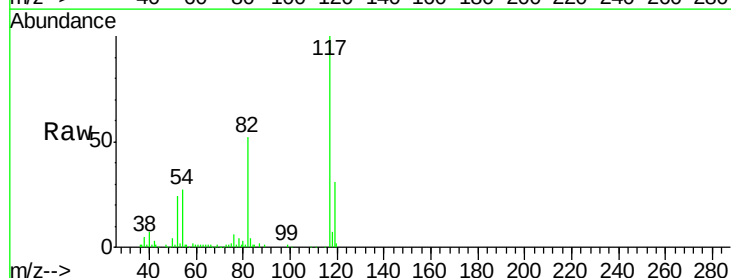


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

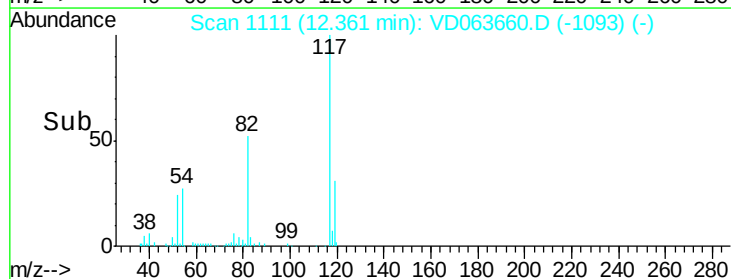
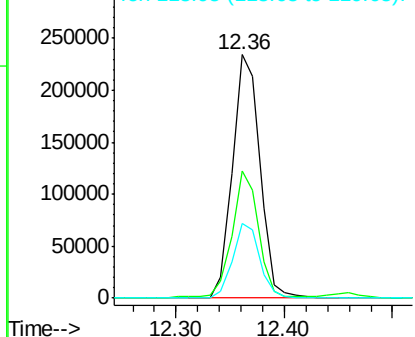


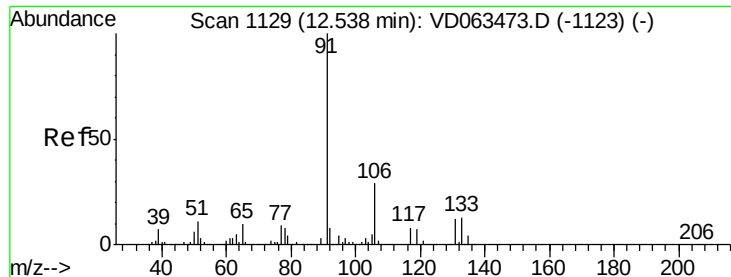
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Tgt Ion: 117 Resp: 413038
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 30.9 25.4 38.0



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

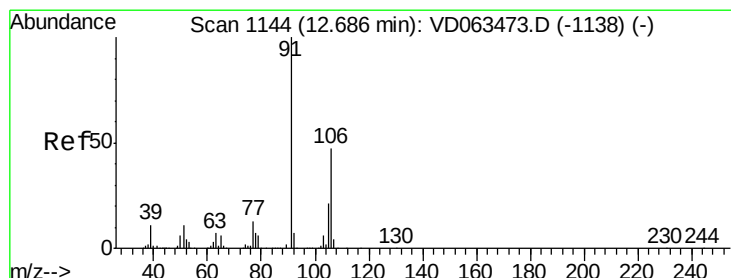
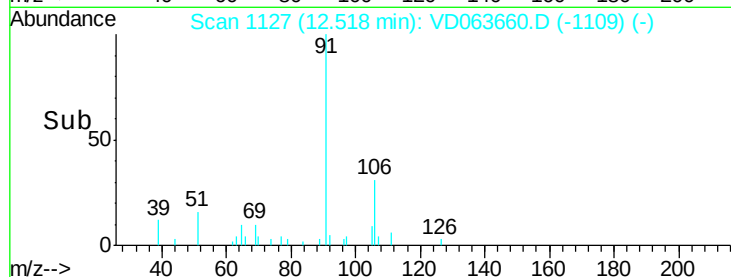
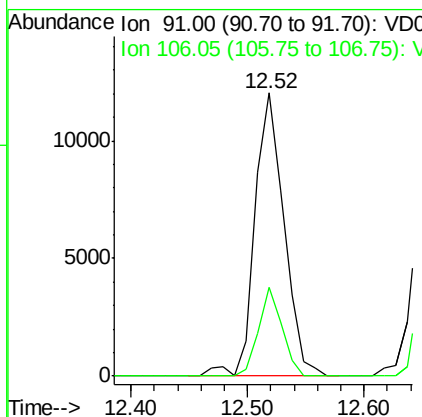
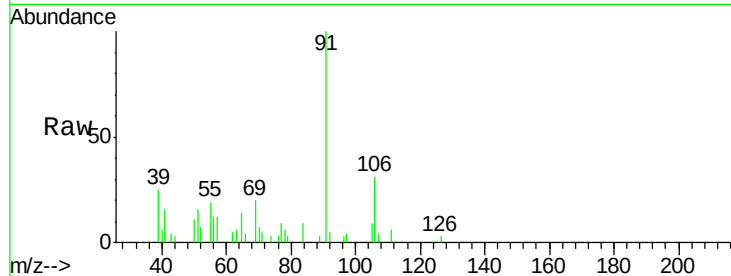




#67
Ethyl Benzene
Concen: 1.548 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

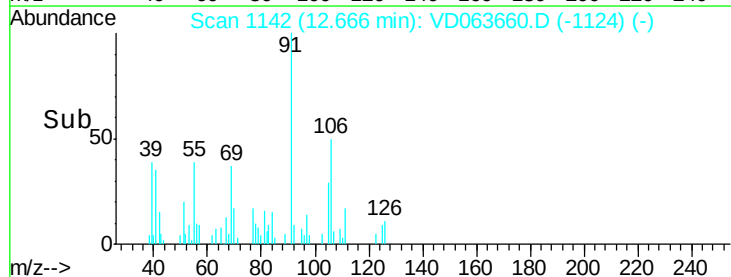
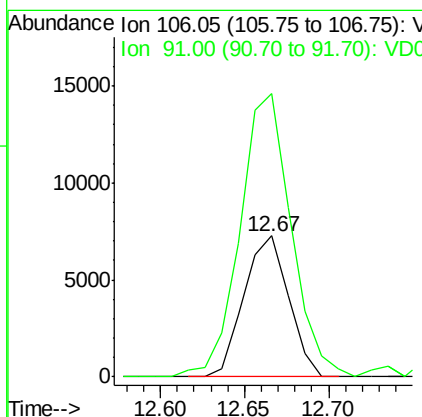
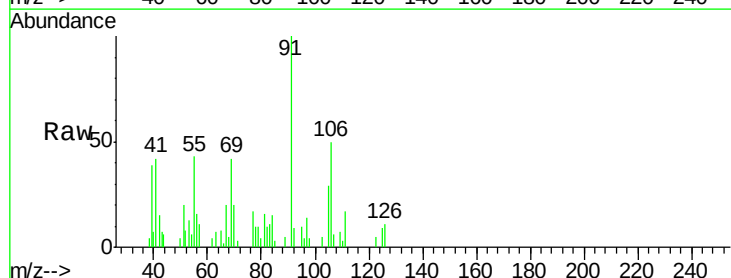
Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

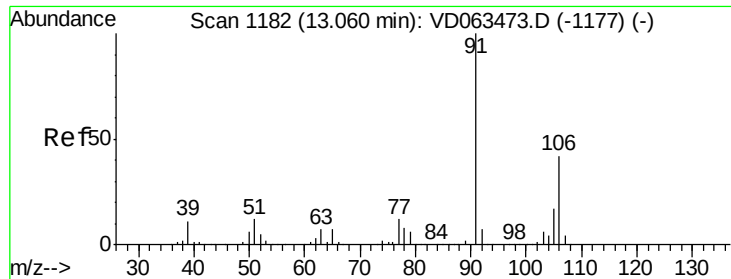
Tot Ion: 91 Resp: 20831
Ion Ratio Lower Upper
91 100
106 31.4 23.1 34.7



#68
m/p-Xylenes
Concen: 2.821 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Tgt Ion: 106 Resp: 13342
Ion Ratio Lower Upper
106 100
91 201.1 171.8 257.8

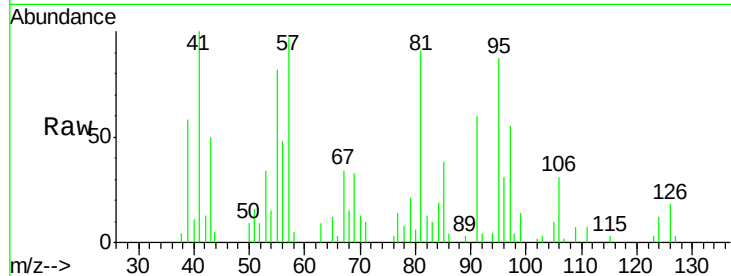




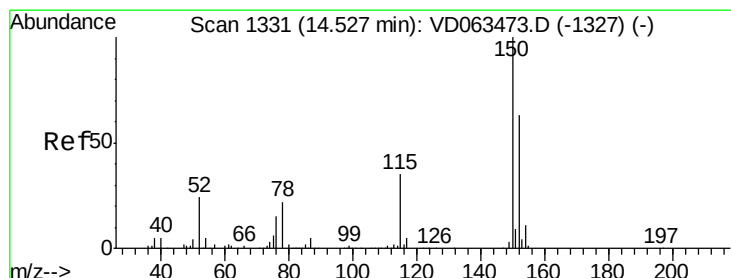
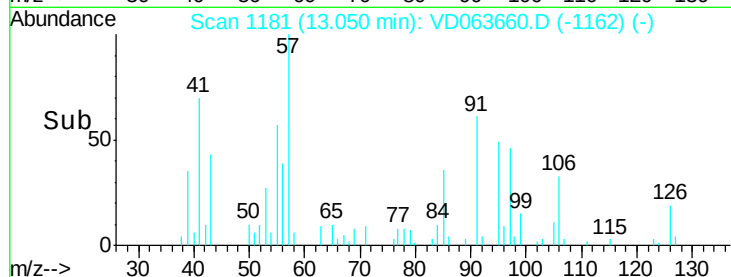
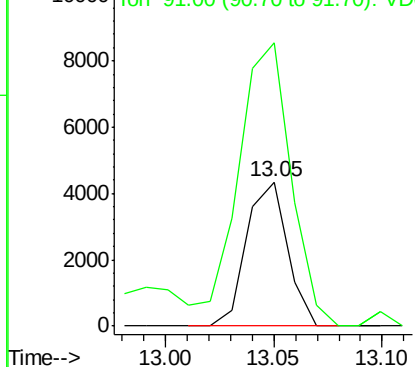
#69
o-Xylene
Concen: 1.263 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

Tot Ion:106 Resp: 5749
Ion Ratio Lower Upper
106 100
91 196.5 118.1 354.2

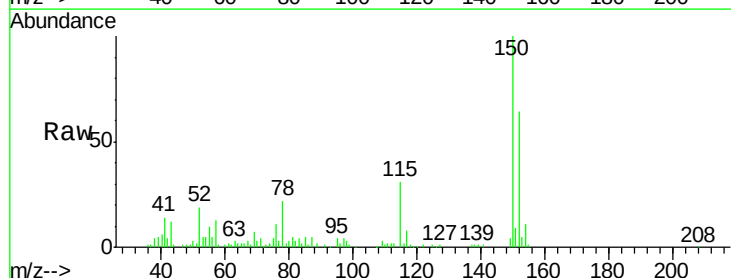


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

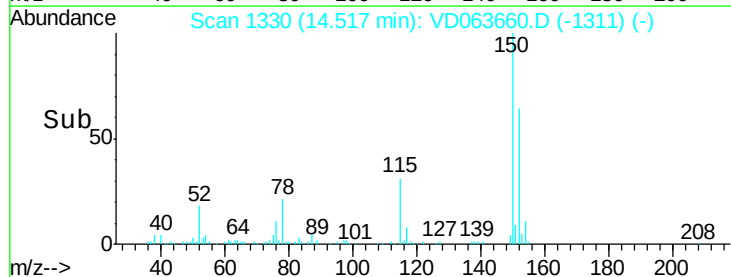
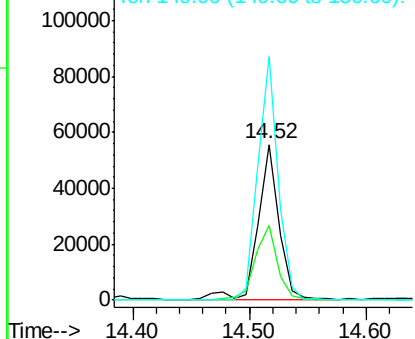


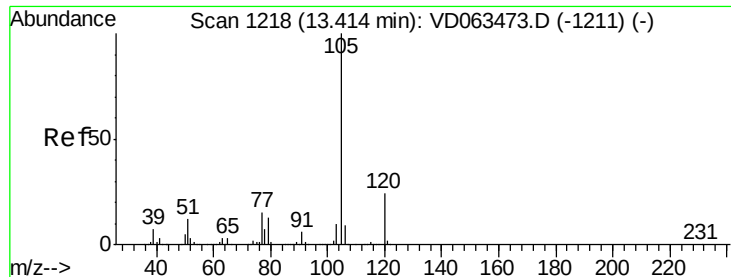
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063660.D
Acq: 19 Aug 2019 16:24

Tgt Ion:152 Resp: 69996
Ion Ratio Lower Upper
152 100
115 47.8 30.9 92.7
150 156.5 0.0 318.6



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





#73

Isopropylbenzene

Concen: 3.595 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD063660.D

Acq: 19 Aug 2019 16:24

Instrument :

MSVOA_D

ClientSampled :

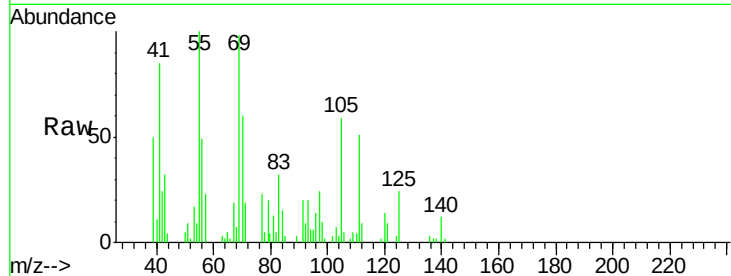
T8-C-(2)

Tot Ion:105 Resp: 16004

Ion Ratio Lower Upper

105 100

120 23.4 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

10000

8000

6000

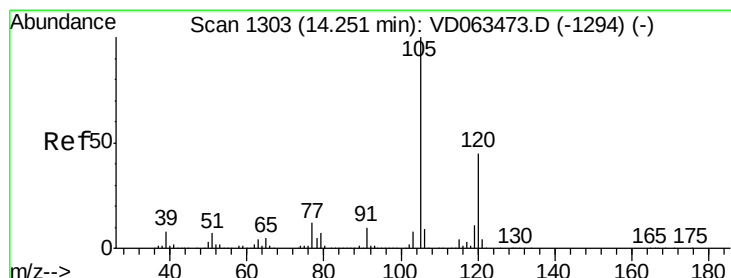
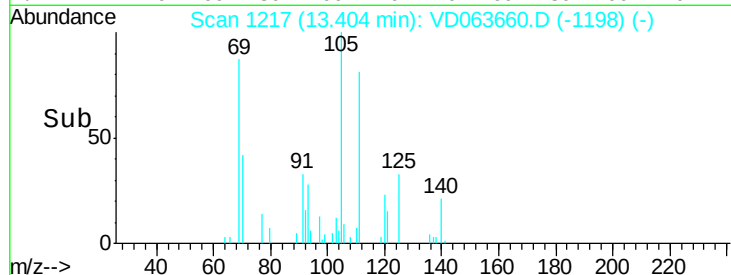
4000

2000

0

13.35 13.40 13.45

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 4.022 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: VD063660.D

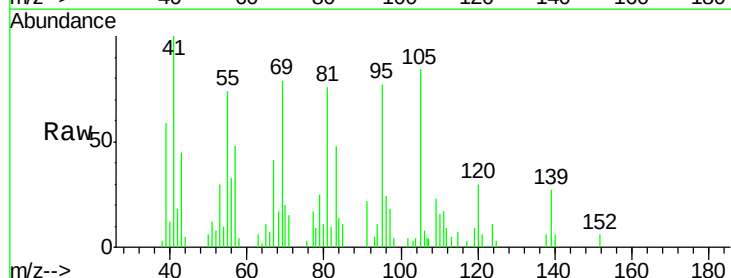
Acq: 19 Aug 2019 16:24

Tgt Ion:105 Resp: 14478

Ion Ratio Lower Upper

105 100

120 35.9 22.7 68.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12000

10000

8000

6000

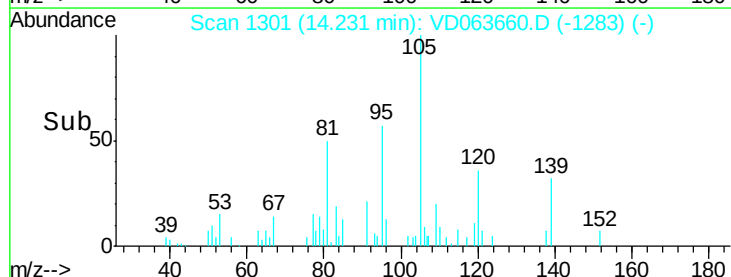
4000

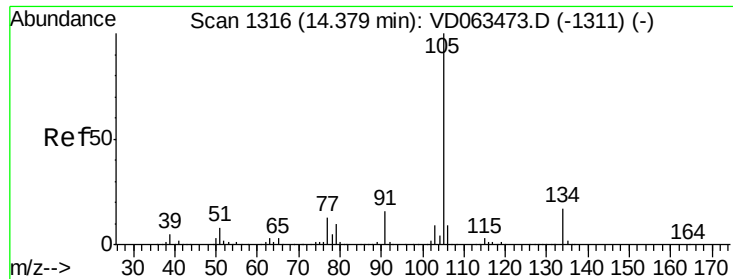
2000

0

14.20 14.25 14.30

Time-->

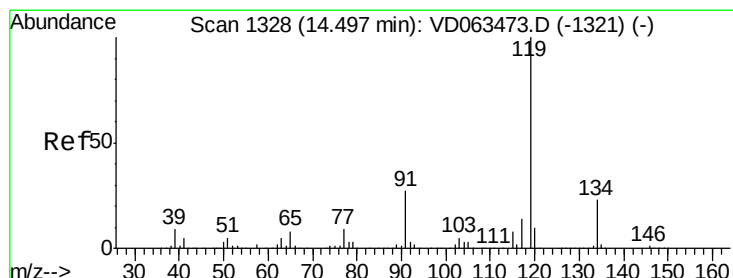
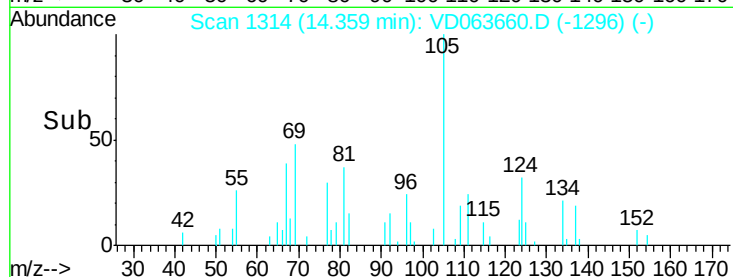
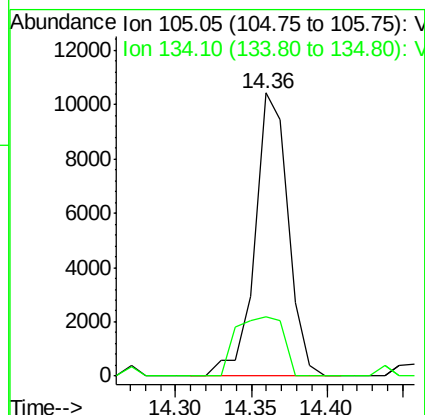
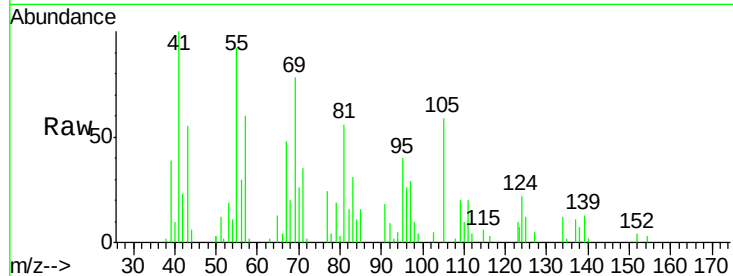




#85
 sec-Butylbenzene
 Concen: 3.682 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VD063660.D
 Acq: 19 Aug 2019 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(2)

Tot Ion:105 Resp: 16016
 Ion Ratio Lower Upper
 105 100
 134 20.9 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 2.702 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD063660.D
 Acq: 19 Aug 2019 16:24

Tgt Ion:119 Resp: 11239
 Ion Ratio Lower Upper
 119 100
 134 26.3 11.3 33.8
 91 24.1 13.5 40.4

