

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062485.D
 Acq On : 21 May 2019 17:04
 Operator : VA/AP
 Sample : K2896-06RE
 Misc : 4.41g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

Quant Time: May 22 02:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	482302	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	555354	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	311103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	74812	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	161074	31.20	ug/l	0.00
Spiked Amount			Recovery	=	62.40%	
35) Dibromofluoromethane	6.93	113	171783	34.29	ug/l	-0.02
Spiked Amount			Recovery	=	68.58%	
50) Toluene-d8	10.41	98	322918	29.45	ug/l	-0.02
Spiked Amount			Recovery	=	58.90%	
62) 4-Bromofluorobenzene	13.55	95	84519	17.62	ug/l	-0.02
Spiked Amount			Recovery	=	35.24%	

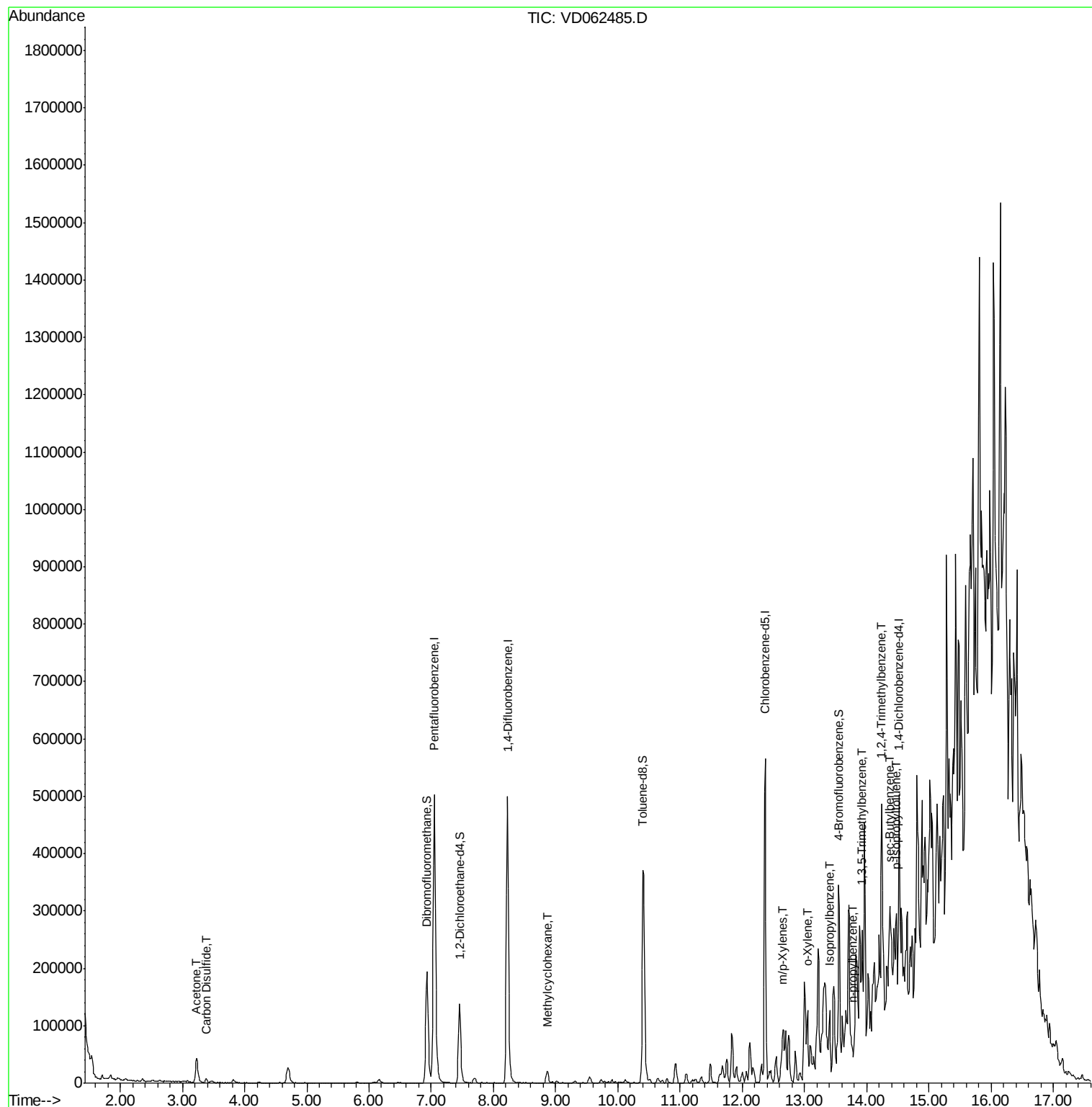
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	90095	97.384	ug/l #	89
17) Carbon Disulfide	3.38	76	11699	1.082	ug/l #	95
39) Methylcyclohexane	8.88	83	12006	2.742	ug/l #	83
68) m/p-Xylenes	12.66	106	16900	4.569	ug/l	94
69) o-Xylene	13.05	106	13729	3.934	ug/l	88
73) Isopropylbenzene	13.40	105	14746	3.127	ug/l	85
78) n-propylbenzene	13.78	91	8701	1.593	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	54021	13.230	ug/l	90
84) 1,2,4-Trimethylbenzene	14.24	105	114339	27.329	ug/l	92
85) sec-Butylbenzene	14.37	105	16356	3.463	ug/l	99
86) p-Isopropyltoluene	14.49	119	13104	3.062	ug/l #	72

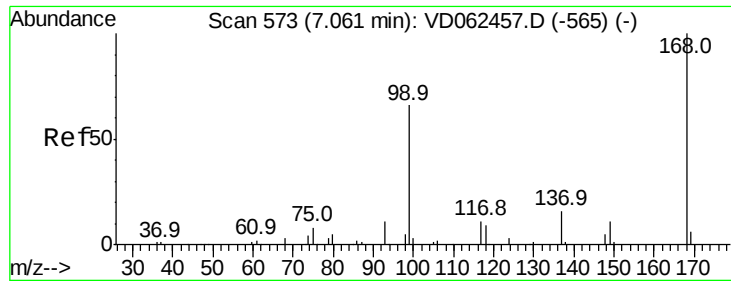
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062485.D
Acq On : 21 May 2019 17:04
Operator : VA/AP
Sample : K2896-06RE
Misc : 4.41g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

Quant Time: May 22 02:29:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

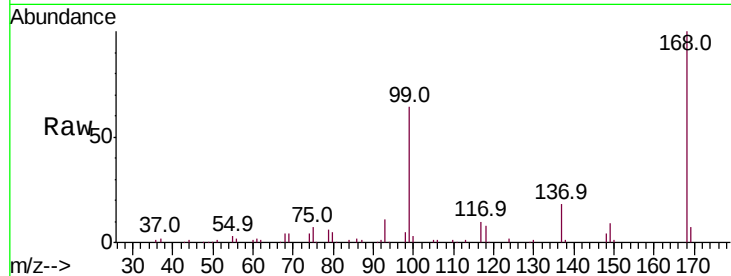
Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

Tot Ion:168 Resp: 482302

Ion Ratio Lower Upper

168 100

99 63.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

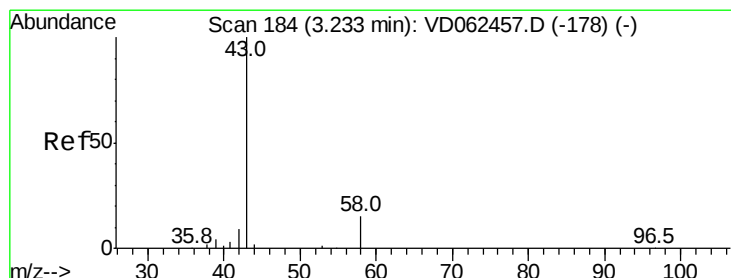
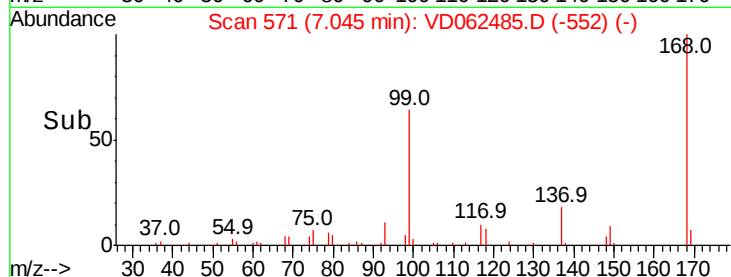
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 97.384 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062485.D

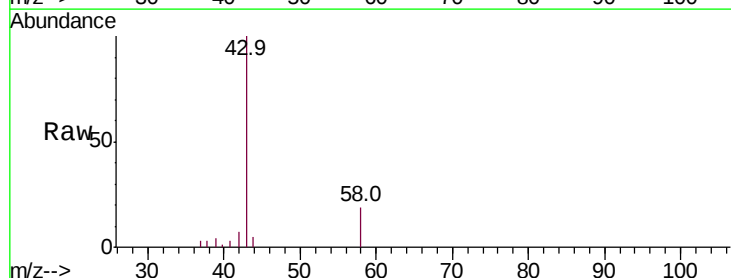
Acq: 21 May 2019 17:04

Tgt Ion: 43 Resp: 90095

Ion Ratio Lower Upper

43 100

58 19.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

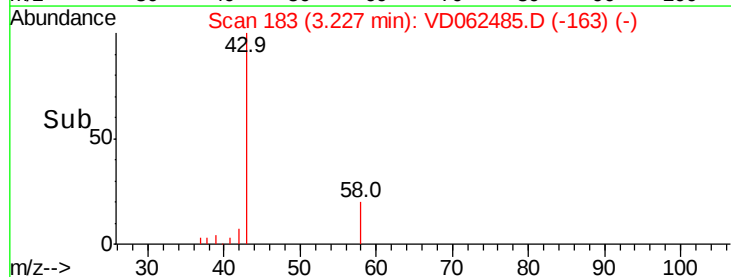
20000

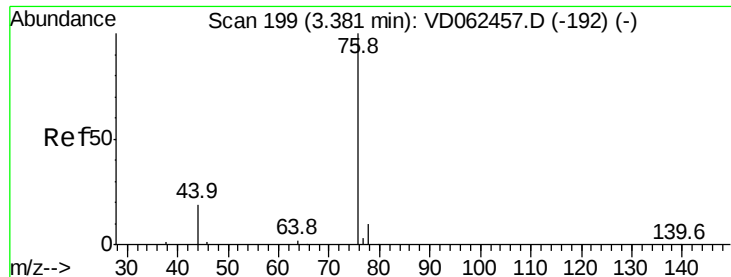
10000

0

3.10 3.20 3.30 3.40

Time-->

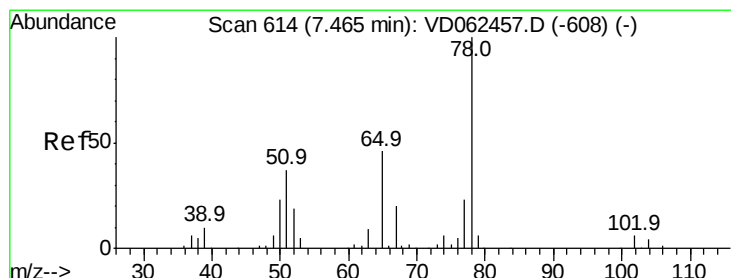
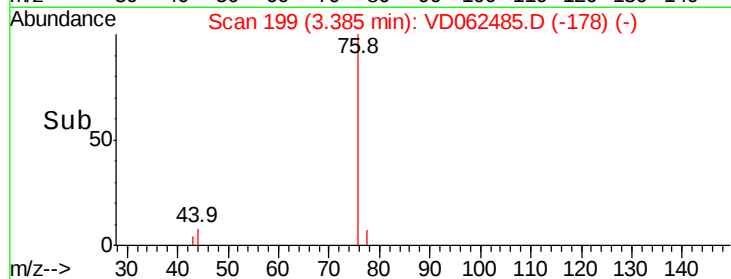
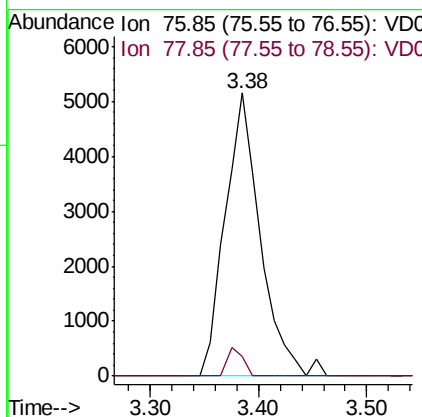
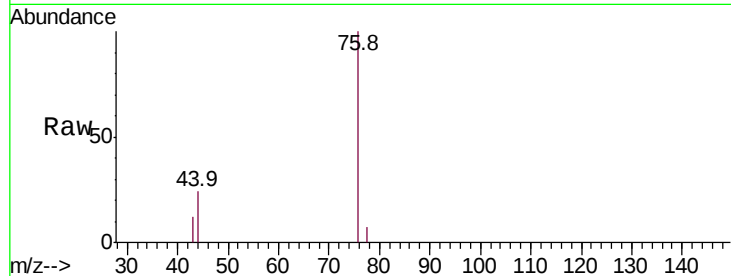




#17
Carbon Disulfide
Concen: 1.082 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.00 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

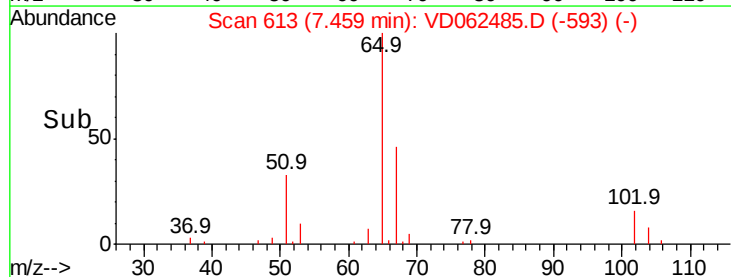
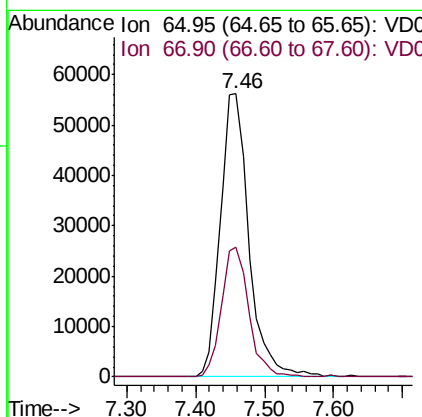
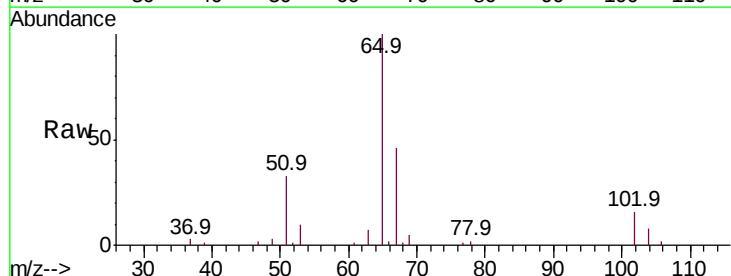
Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

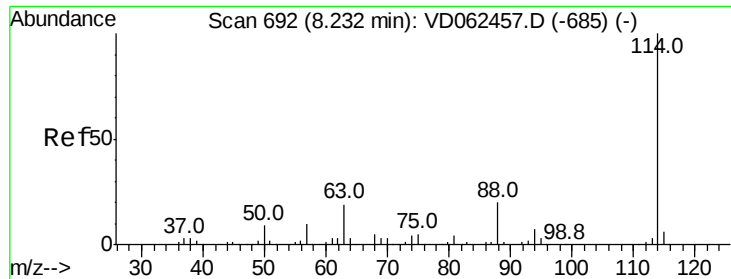
Tot Ion: 76 Resp: 11699
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 31.199 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 65 Resp: 161074
Ion Ratio Lower Upper
65 100
67 45.7 0.0 98.0

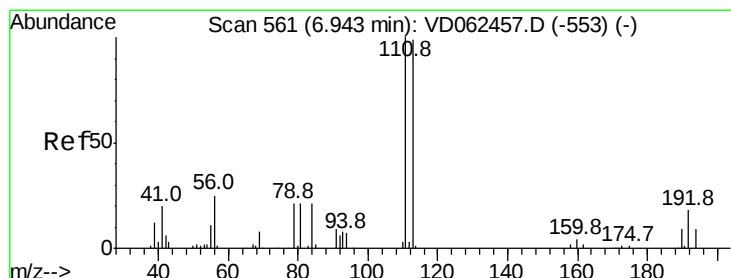
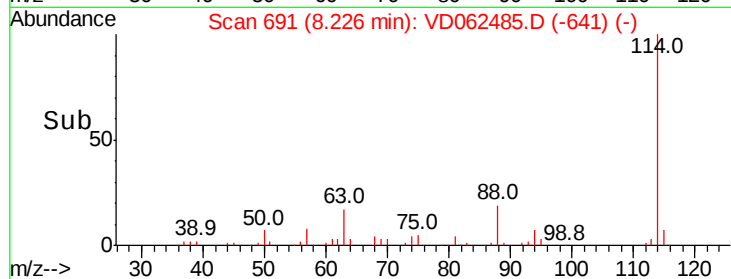
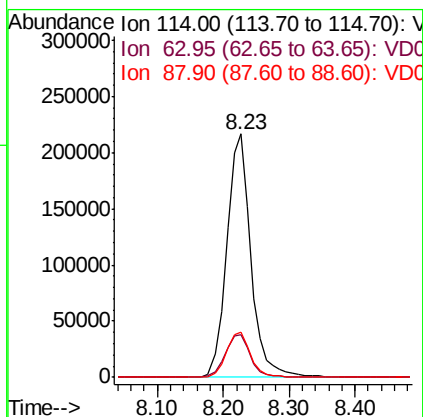
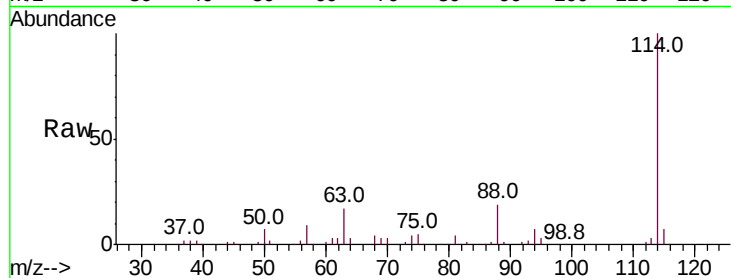




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

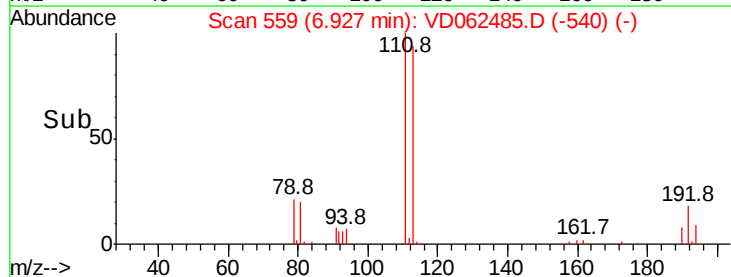
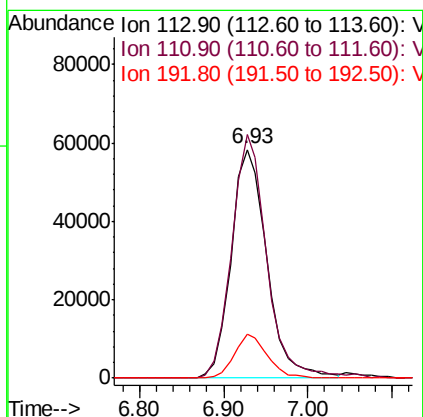
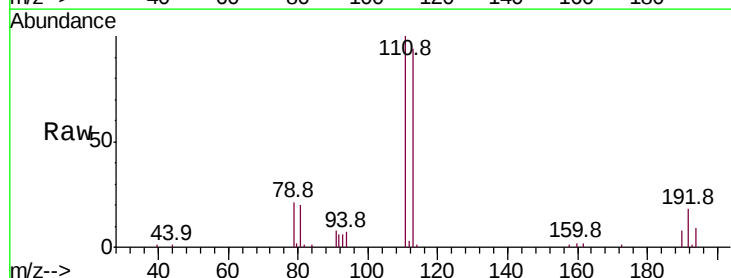
Instrument :
 MSVOA_D
 ClientSampled :
 TP-20-S2

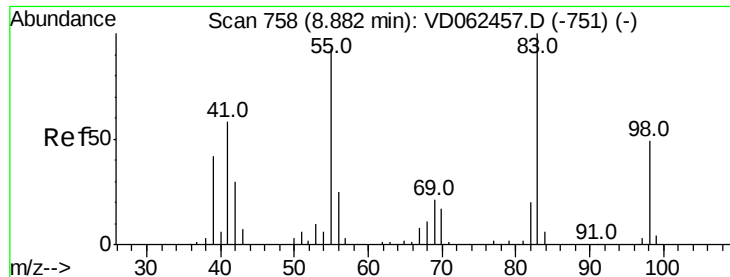
Tot Ion:114 Resp: 555354
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 32.4
 88 18.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 34.288 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Tgt Ion:113 Resp: 171783
 Ion Ratio Lower Upper
 113 100
 111 106.6 78.5 117.7
 192 19.1 13.0 19.4

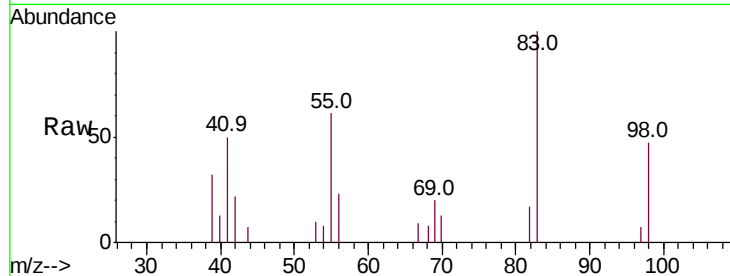




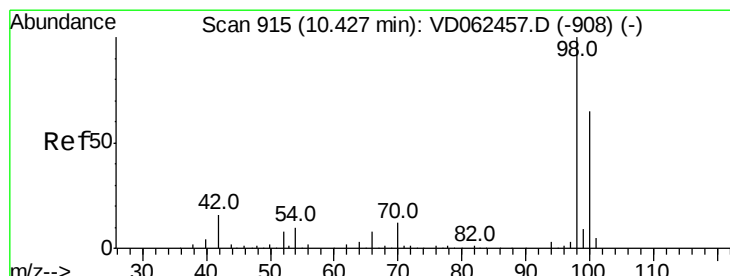
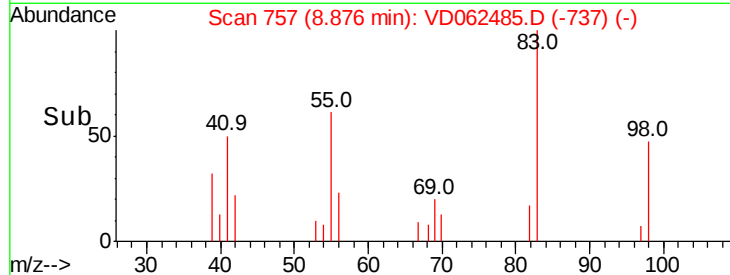
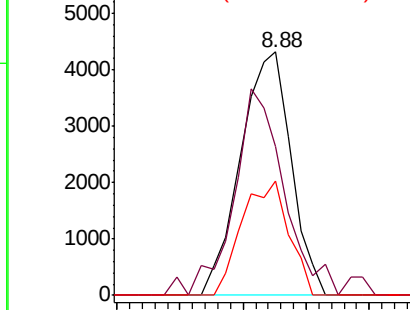
#39
Methylcyclohexane
Concen: 2.742 ug/l
RT: 8.88 min Scan# 757
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampled :
TP-20-S2

Tot Ion: 83 Resp: 12006
Ion Ratio Lower Upper
83 100
55 61.3 68.2 102.4#
98 47.2 38.2 57.4

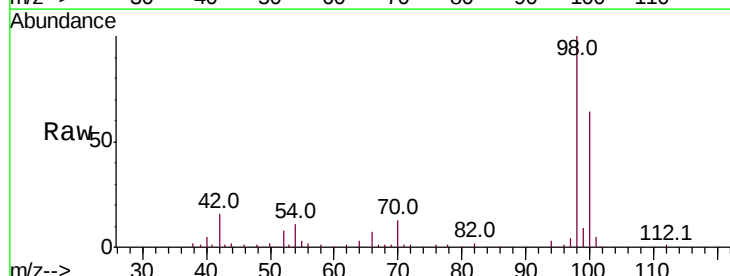


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

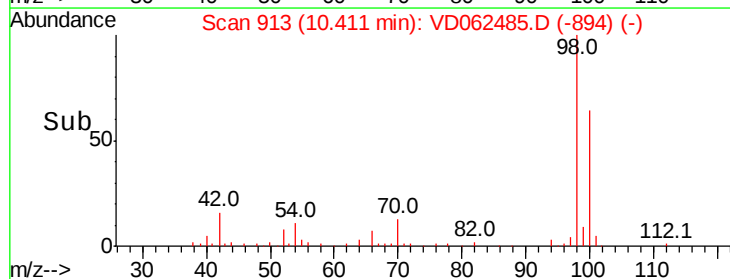
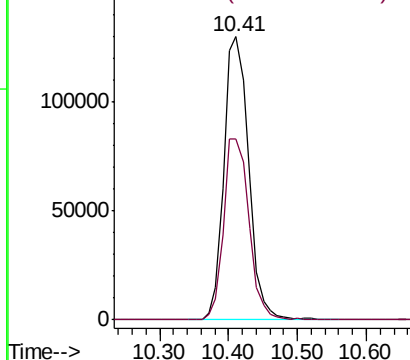


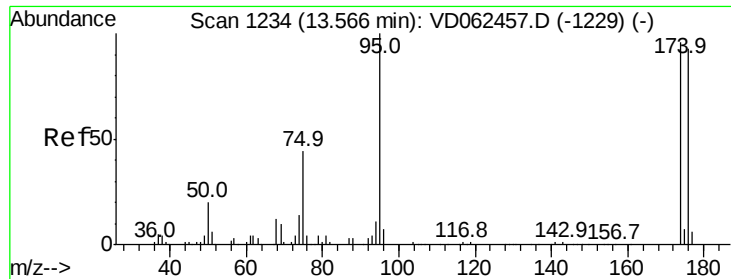
#50
Toluene-d8
Concen: 29.453 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion: 98 Resp: 322918
Ion Ratio Lower Upper
98 100
100 63.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

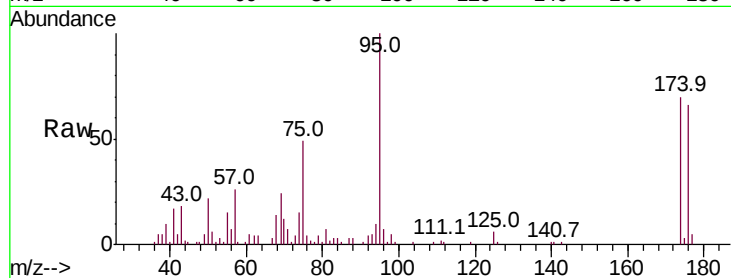




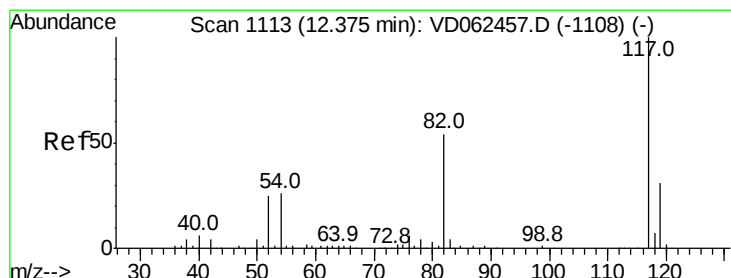
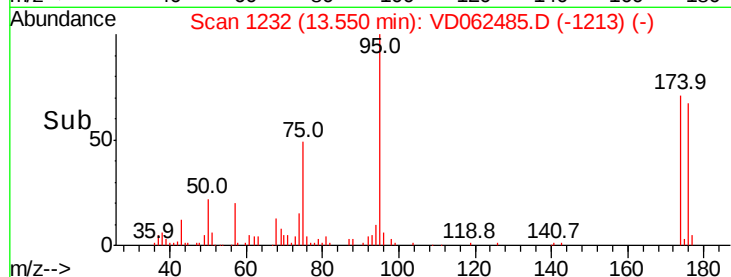
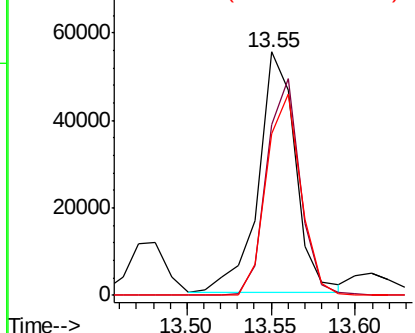
#62
 4-Bromofluorobenzene
 Concen: 17.623 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

Tot Ion: 95 Resp: 84519
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 181.8
 176 66.4 0.0 174.4

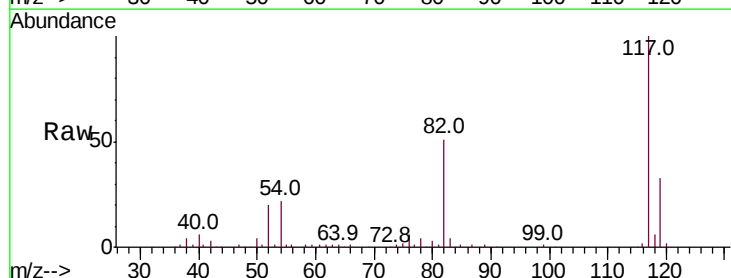


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

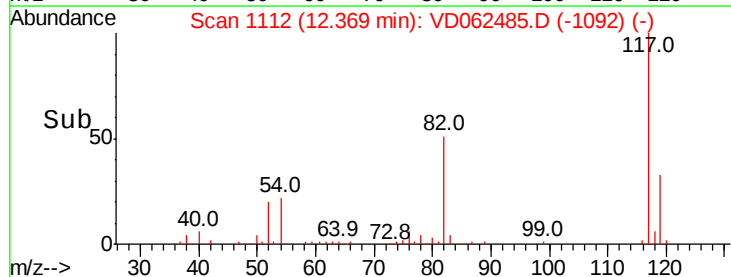
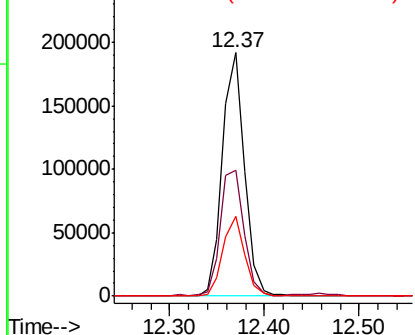


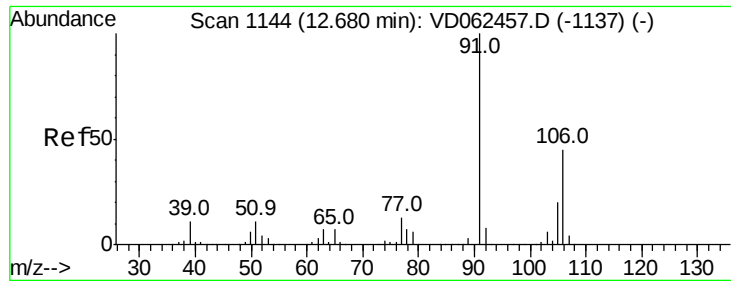
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Tgt Ion: 117 Resp: 311103
 Ion Ratio Lower Upper
 117 100
 82 51.5 36.2 54.2
 119 32.9 26.2 39.4



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

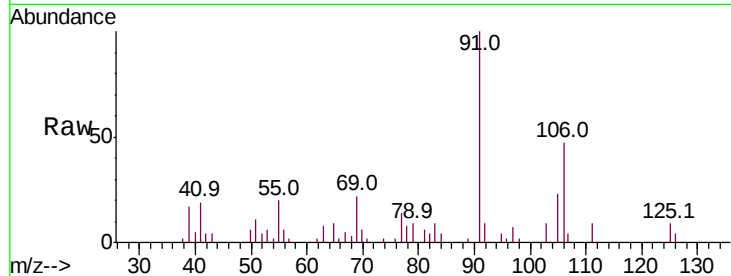




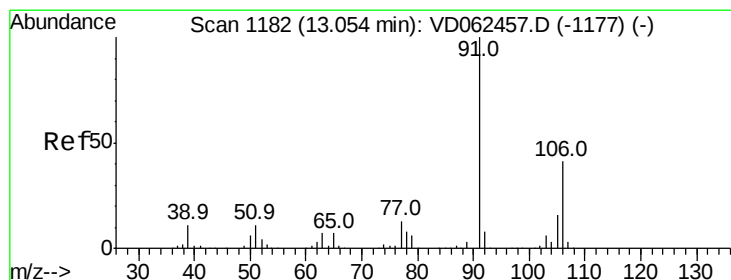
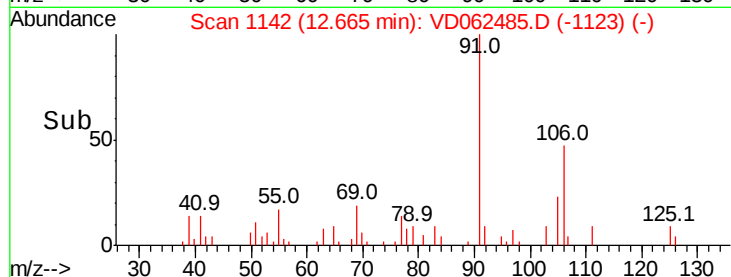
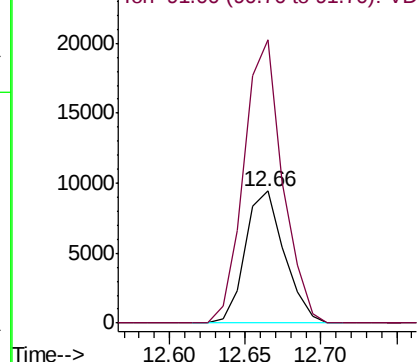
#68
m/p-Xylenes
Concen: 4.569 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

Tot Ion:106 Resp: 16900
Ion Ratio Lower Upper
106 100
91 214.9 164.0 246.0

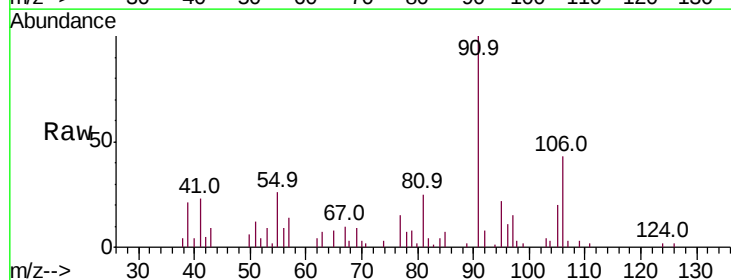


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

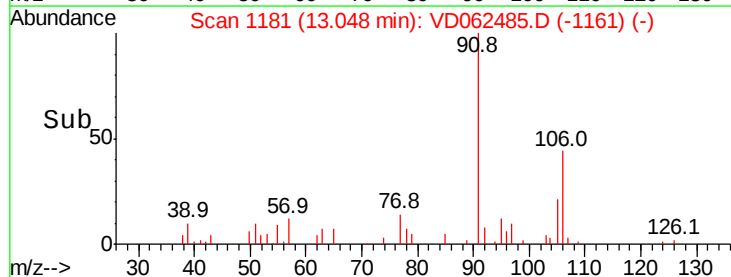
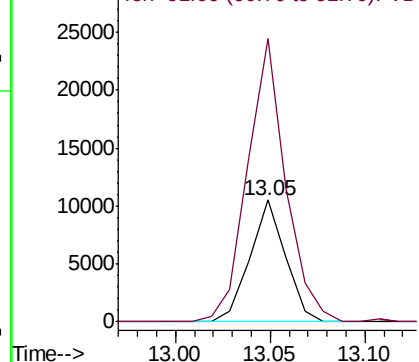


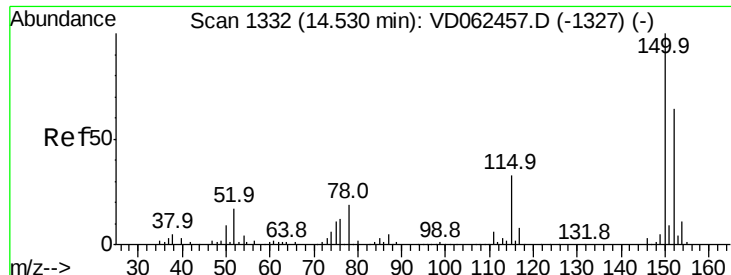
#69
o-Xylene
Concen: 3.934 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion:106 Resp: 13729
Ion Ratio Lower Upper
106 100
91 232.0 106.7 319.9



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



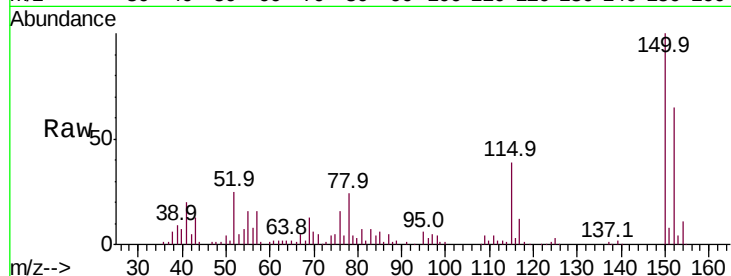


#72

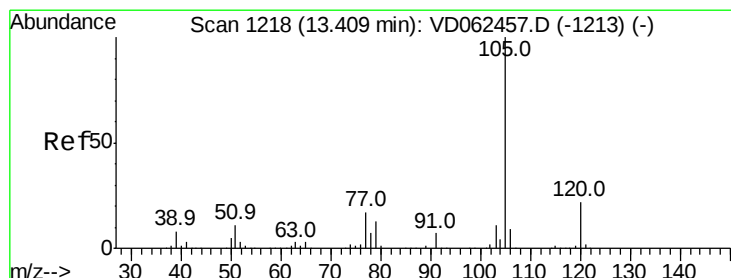
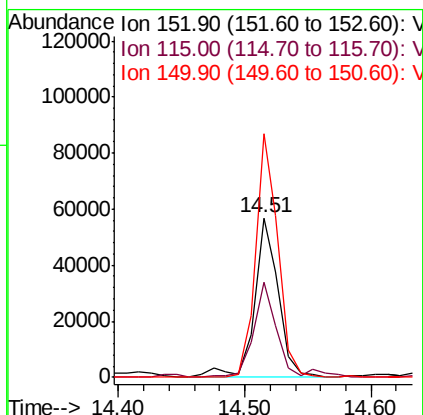
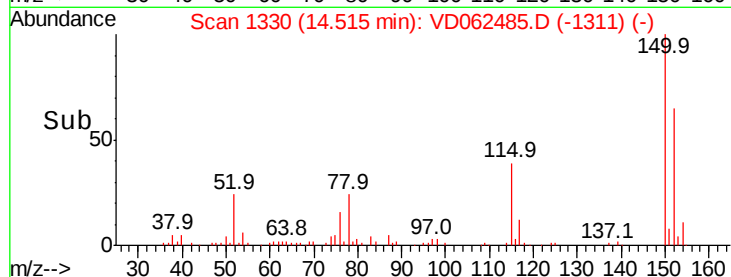
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Instrument :
MSVOA_D
ClientSampleId :
TP-20-S2

Tot Ion:152 Resp: 74812
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.7
150 152.8 0.0 314.8



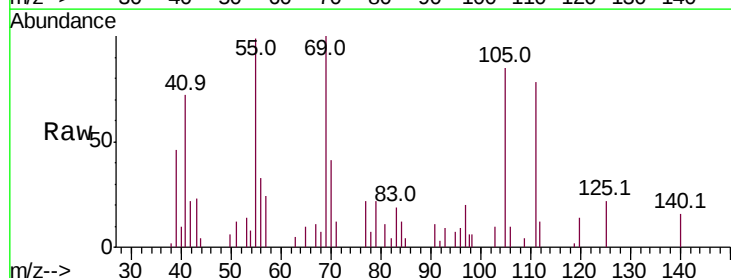
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



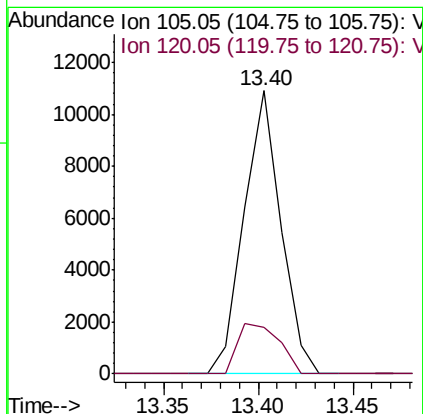
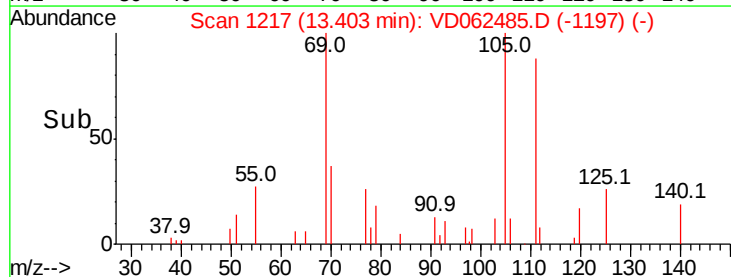
#73

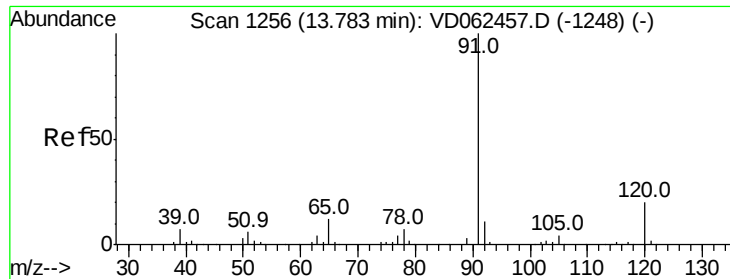
Isopropylbenzene
Concen: 3.127 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VD062485.D
Acq: 21 May 2019 17:04

Tgt Ion:105 Resp: 14746
Ion Ratio Lower Upper
105 100
120 16.6 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 1.593 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

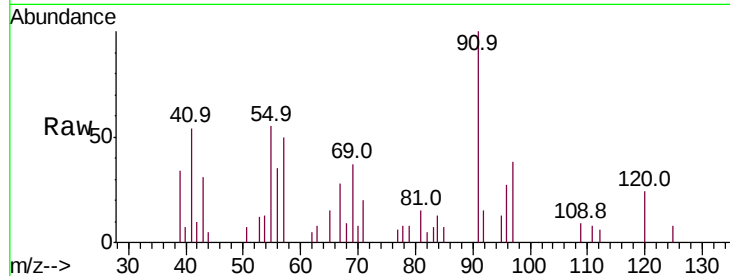
TP-20-S2

Tot Ion: 91 Resp: 8701

Ion Ratio Lower Upper

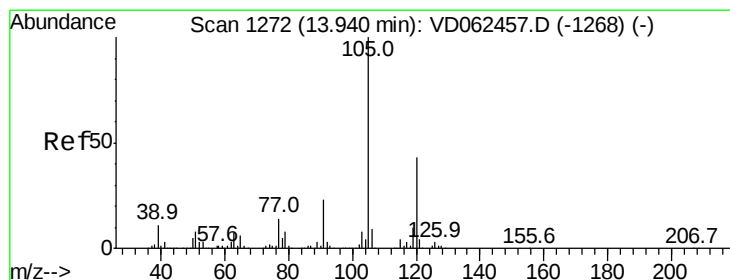
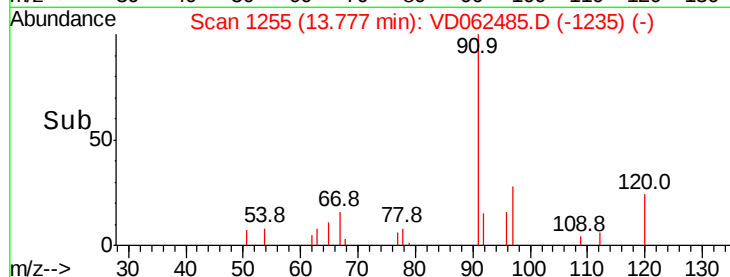
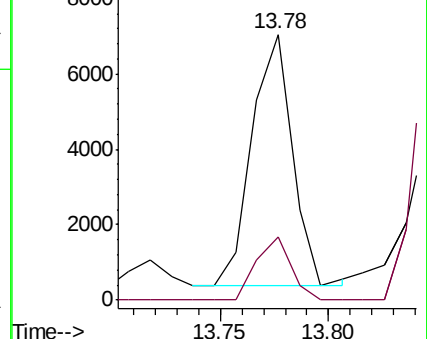
91 100

120 24.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#80

1,3,5-Trimethylbenzene

Concen: 13.230 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062485.D

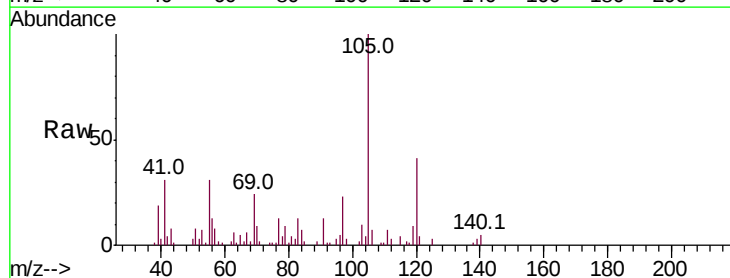
Acq: 21 May 2019 17:04

Tgt Ion:105 Resp: 54021

Ion Ratio Lower Upper

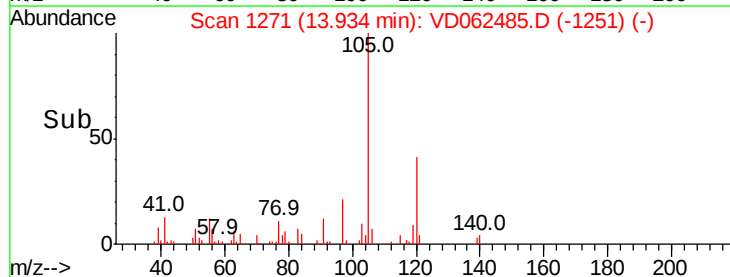
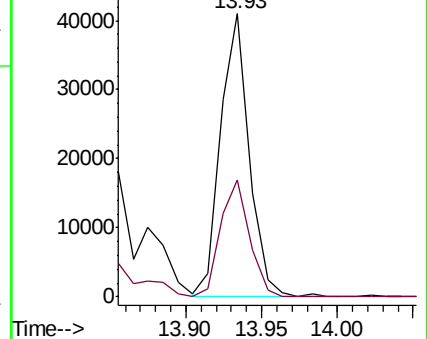
105 100

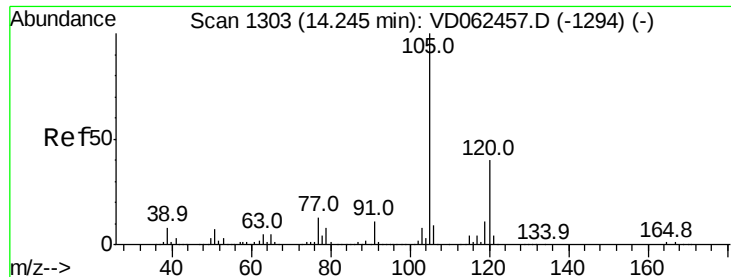
120 41.1 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#84

1,2,4-Trimethylbenzene

Concen: 27.329 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.01 min

Lab File: VD062485.D

Acq: 21 May 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

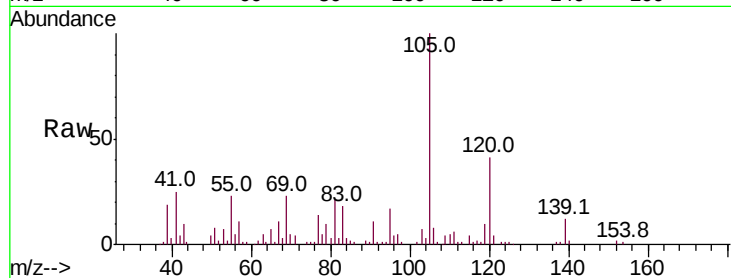
TP-20-S2

Tot Ion:105 Resp: 114339

Ion Ratio Lower Upper

105 100

120 40.9 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.24

80000

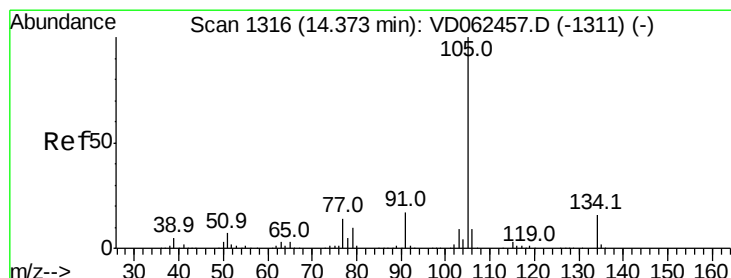
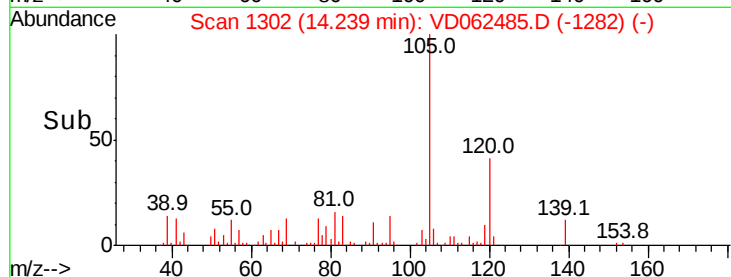
60000

40000

20000

0

Time--> 14.15 14.20 14.25 14.30



#85

sec-Butylbenzene

Concen: 3.463 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD062485.D

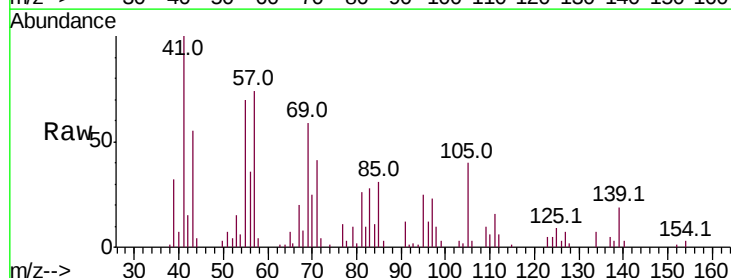
Acq: 21 May 2019 17:04

Tgt Ion:105 Resp: 16356

Ion Ratio Lower Upper

105 100

134 18.1 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.37

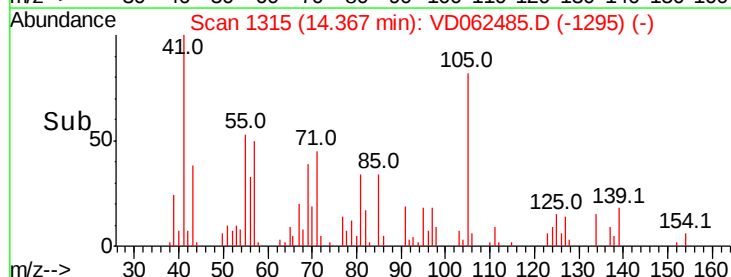
15000

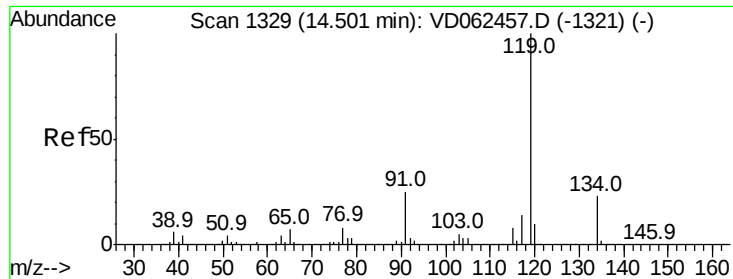
10000

5000

0

Time--> 14.30 14.35 14.40





#86
 p-Isopropyltoluene
 Concen: 3.062 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: VD062485.D
 Acq: 21 May 2019 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-S2

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	15.2	12.8	38.3	
91	38.7	10.7	32.1	

