

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062470.D
 Acq On : 20 May 2019 21:46
 Operator : FY/SY
 Sample : K2871-03RE
 Misc : 5.89g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04(32)RE

Quant Time: May 21 04:06:58 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	598081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	954177	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	664654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	228799	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	247880	38.72	ug/l	0.00
Spiked Amount			Recovery	=	77.44%	
35) Dibromofluoromethane	6.93	113	262989	30.55	ug/l	0.00
Spiked Amount			Recovery	=	61.10%	
50) Toluene-d8	10.42	98	537110	28.51	ug/l	0.00
Spiked Amount			Recovery	=	57.02%	
62) 4-Bromofluorobenzene	13.56	95	195725	23.75	ug/l	0.00
Spiked Amount			Recovery	=	47.50%	

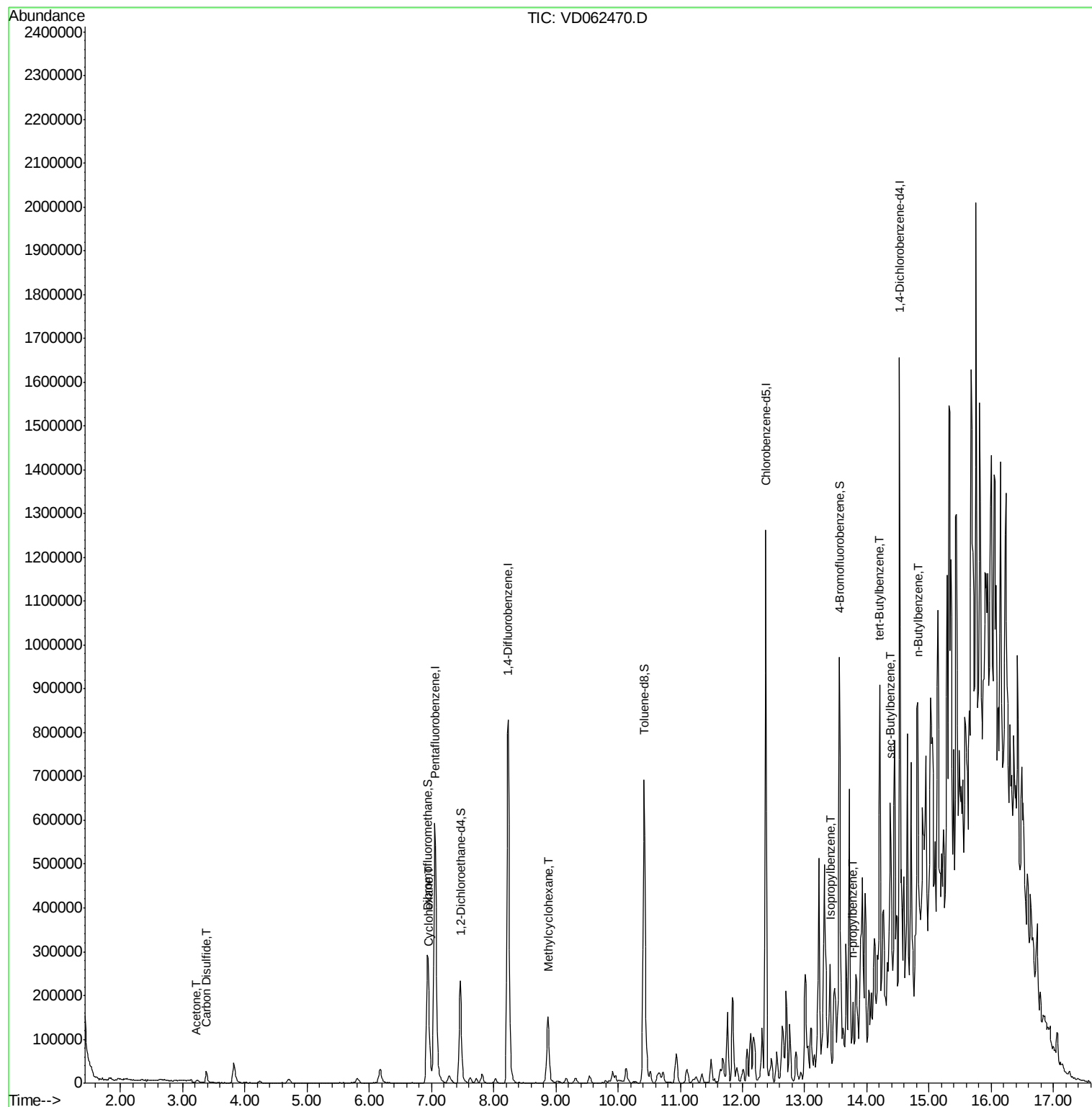
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	11519	10.041	ug/l	99
17) Carbon Disulfide	3.38	76	45388	3.384	ug/l	99
31) Cyclohexane	6.96	56	18847	3.118	ug/l #	85
39) Methylcyclohexane	8.87	83	70856	9.417	ug/l	86
73) Isopropylbenzene	13.41	105	59529	4.128	ug/l	93
78) n-propylbenzene	13.77	91	76982	4.608	ug/l	99
83) tert-Butylbenzene	14.20	119	15501	1.119	ug/l	87
85) sec-Butylbenzene	14.37	105	92599	6.411	ug/l	99
89) n-Butylbenzene	14.81	91	87983	6.965	ug/l	89

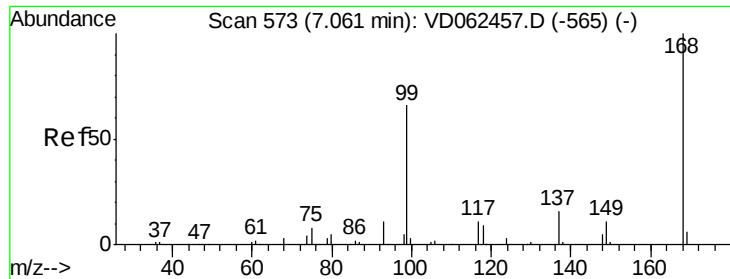
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052019\
Data File : VD062470.D
Acq On : 20 May 2019 21:46
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SB-04(32)RE

Quant Time: May 21 04:06:58 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# 572

Delta R.T. -0.01 min

Lab File: VD062470.D

Acq: 20 May 2019 21:46

Instrument :

MSVOA_D

ClientSampleId :

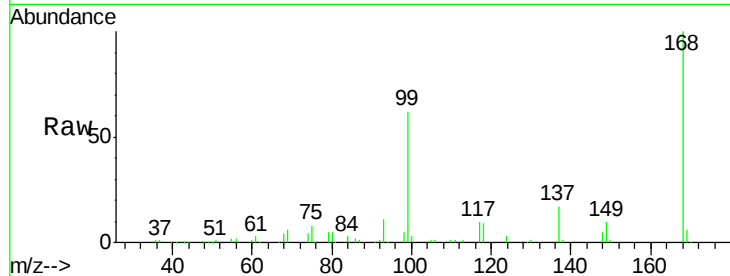
SB-04(32)RE

Tot Ion:168 Resp: 598081

Ion Ratio Lower Upper

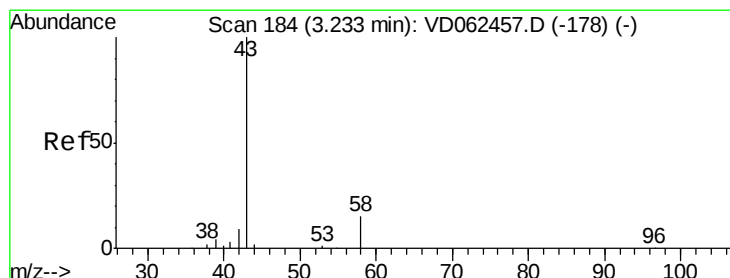
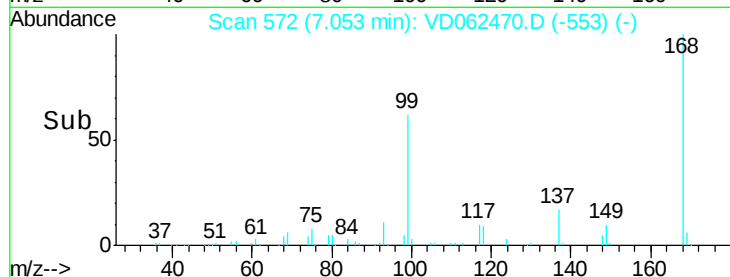
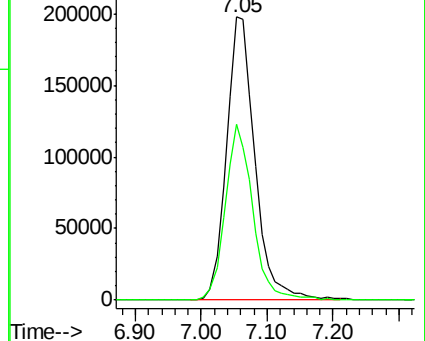
168 100

99 62.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.041 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062470.D

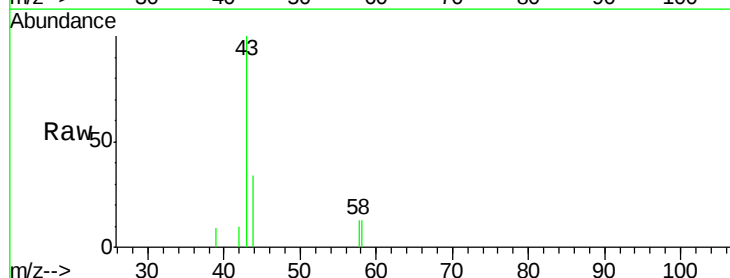
Acq: 20 May 2019 21:46

Tgt Ion: 43 Resp: 11519

Ion Ratio Lower Upper

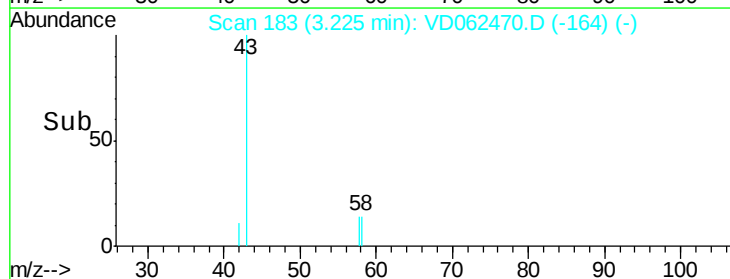
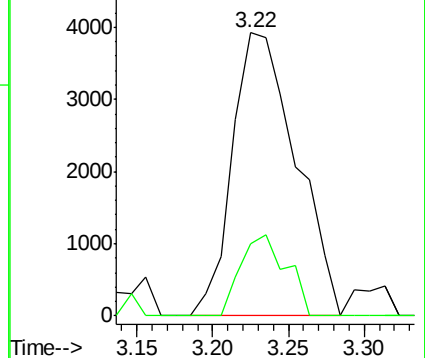
43 100

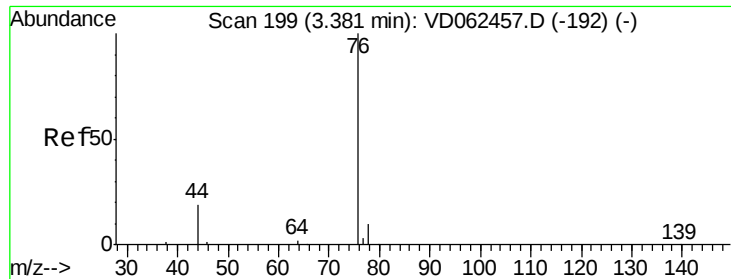
58 25.5 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

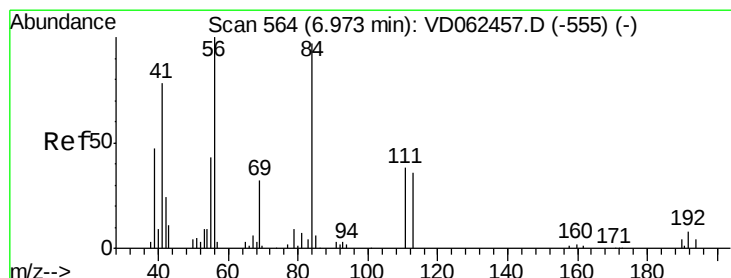
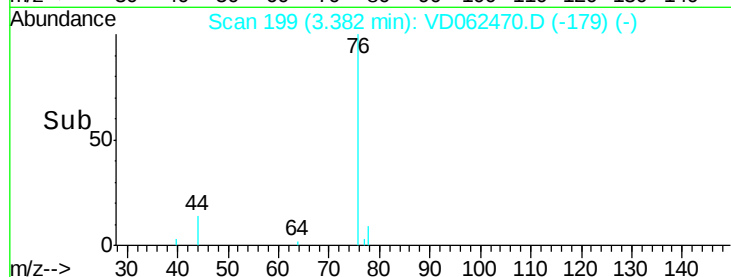
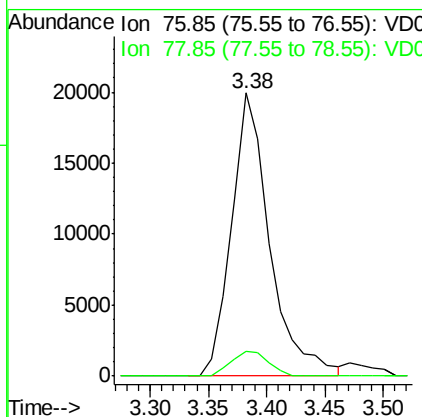
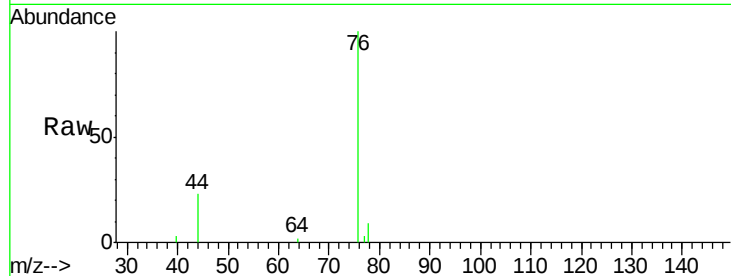




#17
Carbon Disulfide
Concen: 3.384 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.00 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

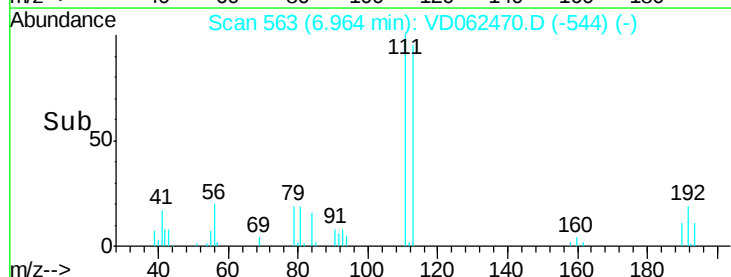
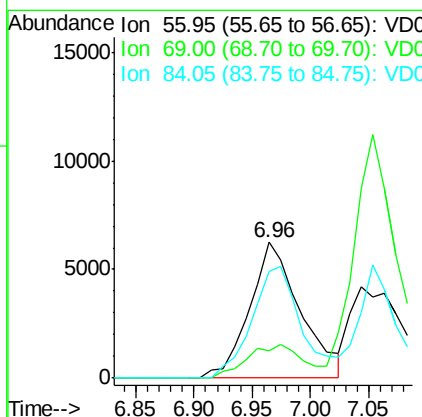
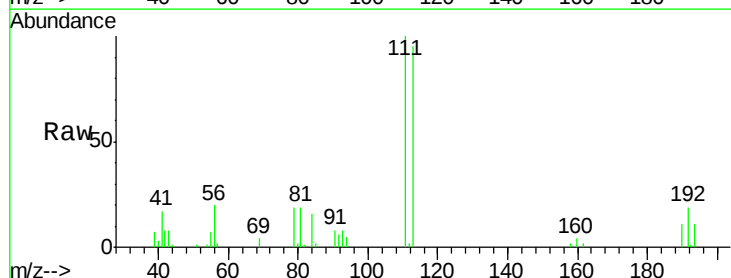
Instrument :
MSVOA_D
ClientSampleId :
SB-04(32)RE

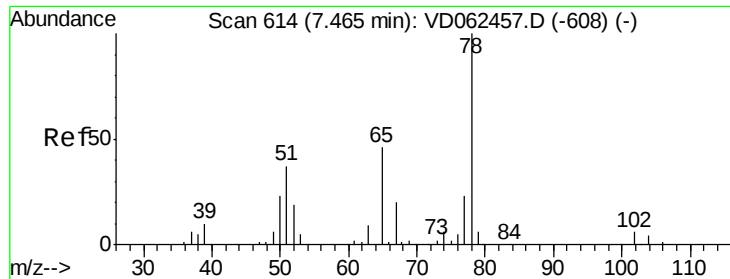
Tot Ion: 76 Resp: 45388
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#31
Cyclohexane
Concen: 3.118 ug/l
RT: 6.96 min Scan# 563
Delta R.T. -0.01 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

Tgt Ion: 56 Resp: 18847
Ion Ratio Lower Upper
56 100
69 19.7 25.8 38.6#
84 78.9 72.2 108.4

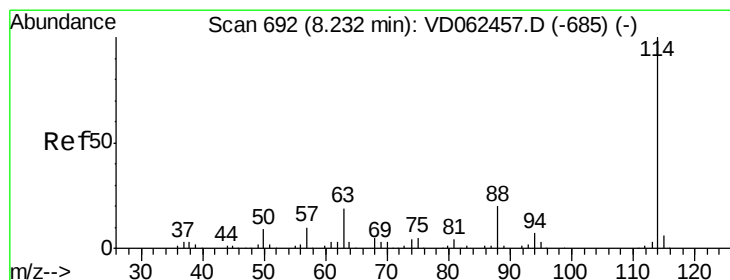
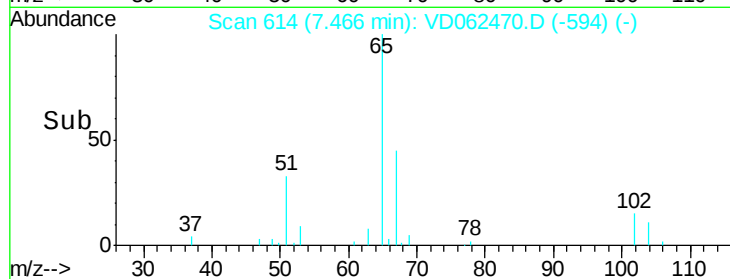
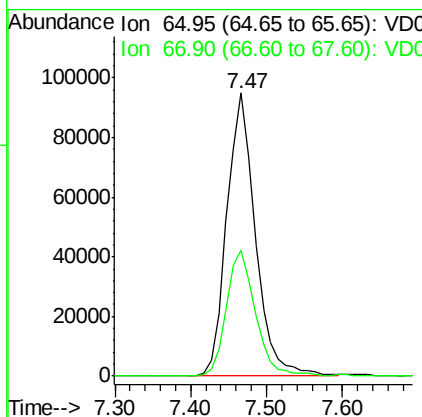
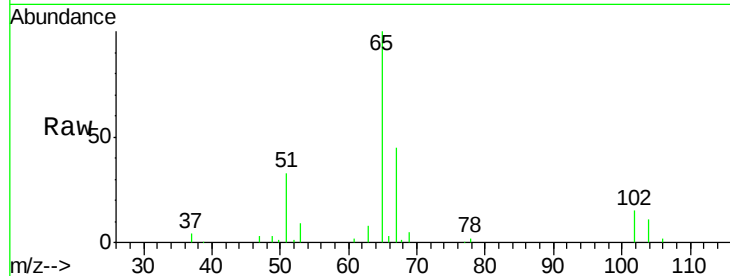




#33
 1,2-Dichloroethane-d4
 Concen: 38.719 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VD062470.D
 Acq: 20 May 2019 21:46

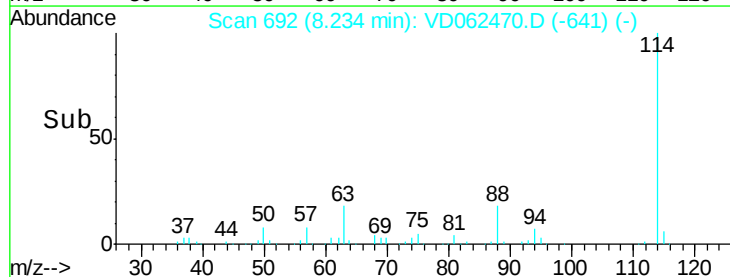
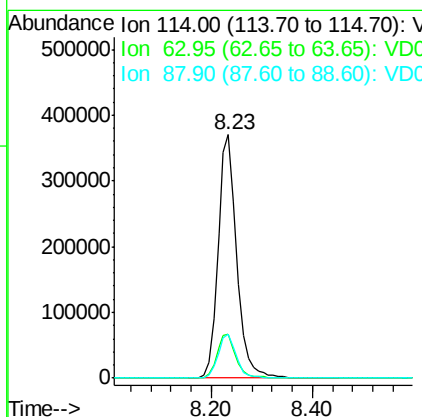
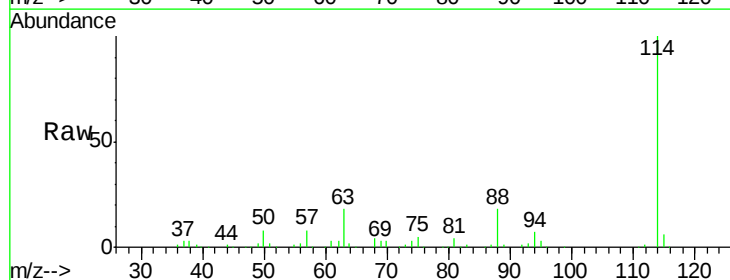
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04(32)RE

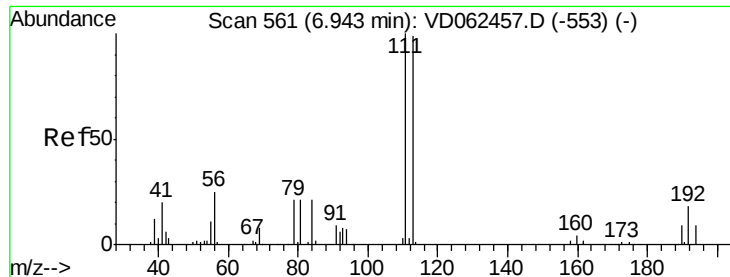
Tot Ion: 65 Resp: 247880
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VD062470.D
 Acq: 20 May 2019 21:46

Tgt Ion: 114 Resp: 954177
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 17.8 0.0 33.6

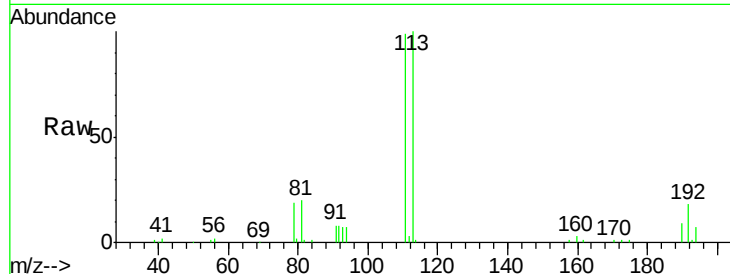




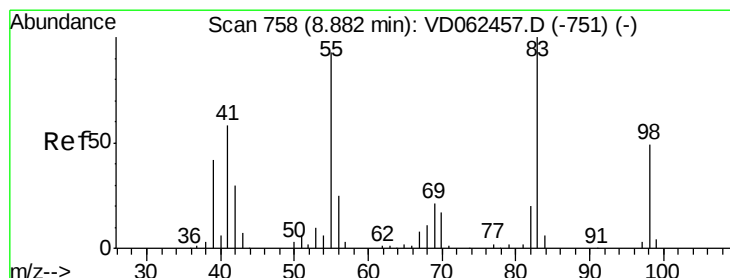
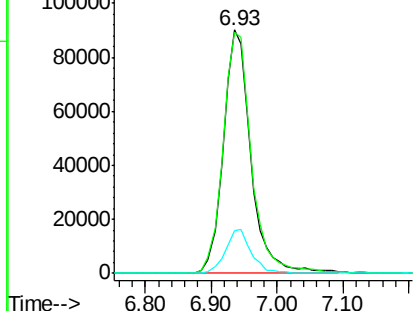
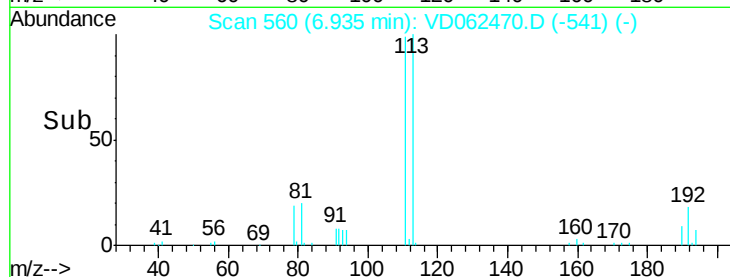
#35
 Dibromofluoromethane
 Concen: 30.552 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062470.D
 Acq: 20 May 2019 21:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04(32)RE

Tot Ion:113 Resp: 262989
 Ion Ratio Lower Upper
 113 100
 111 99.0 78.5 117.7
 192 17.7 13.0 19.4

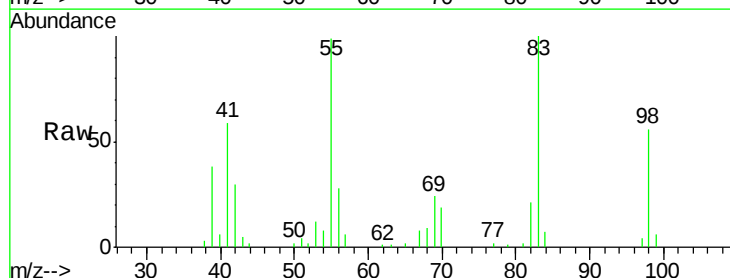


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

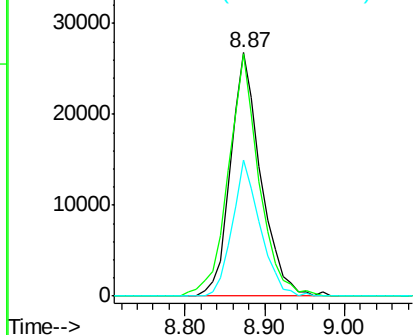
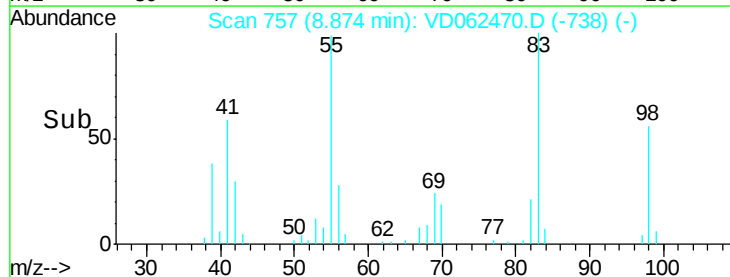


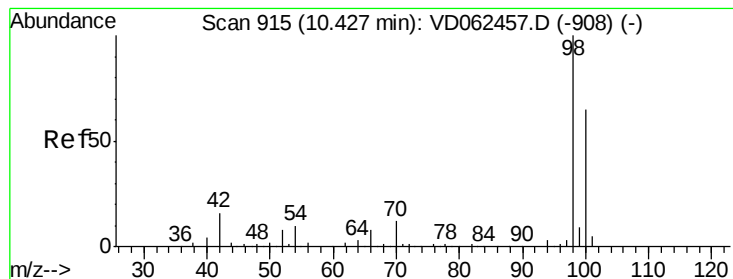
#39
 Methylcyclohexane
 Concen: 9.417 ug/l
 RT: 8.87 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: VD062470.D
 Acq: 20 May 2019 21:46

Tgt Ion: 83 Resp: 70856
 Ion Ratio Lower Upper
 83 100
 55 99.3 68.2 102.4
 98 55.8 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: 28.513 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062470.D

Acq: 20 May 2019 21:46

Instrument :

MSVOA_D

ClientSampled :

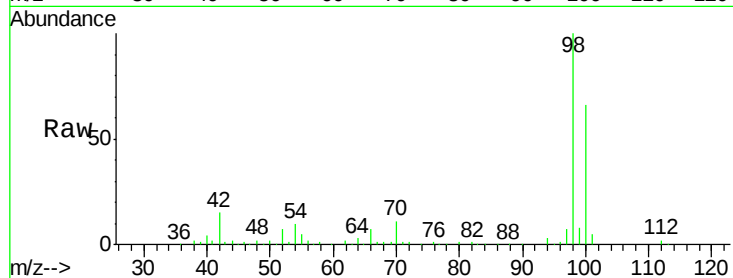
SB-04(32)RE

Tot Ion: 98 Resp: 537110

Ion Ratio Lower Upper

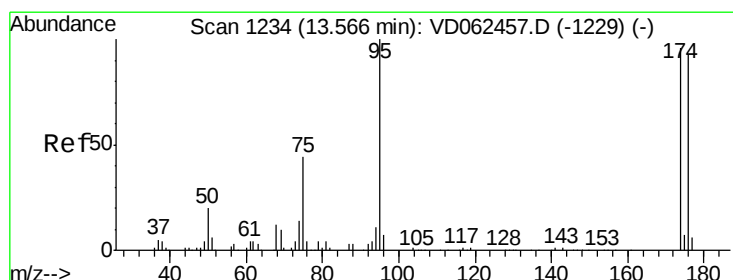
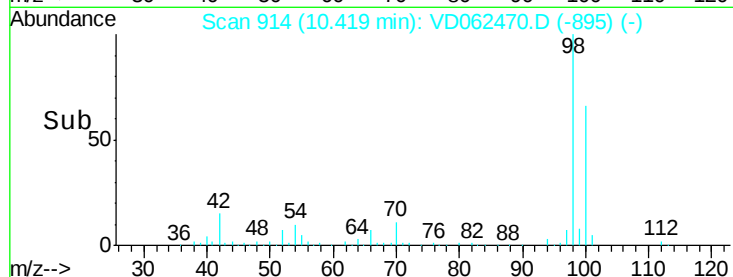
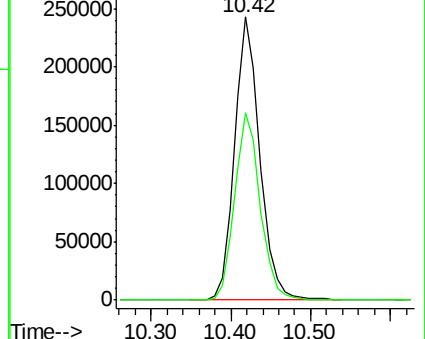
98 100

100 66.1 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: 23.753 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062470.D

Acq: 20 May 2019 21:46

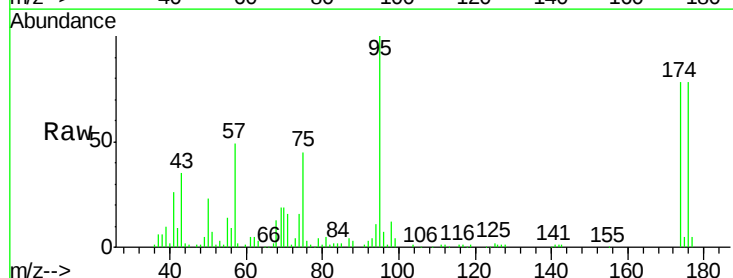
Tgt Ion: 95 Resp: 195725

Ion Ratio Lower Upper

95 100

174 78.1 0.0 181.8

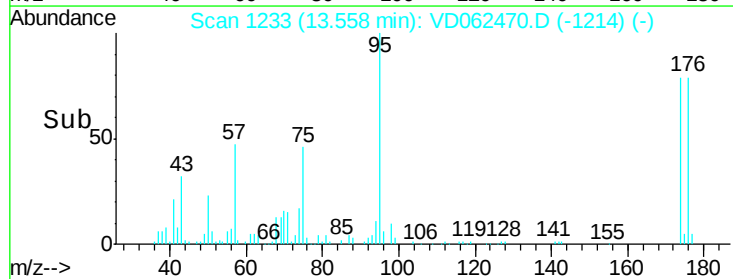
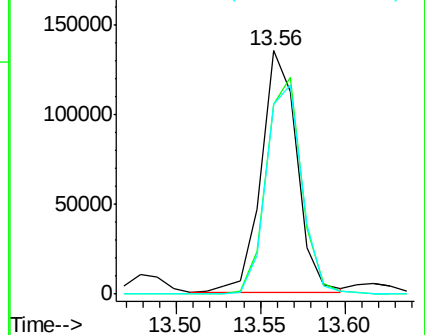
176 78.2 0.0 174.4

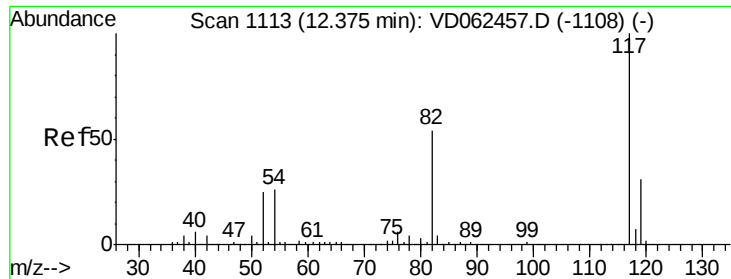


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

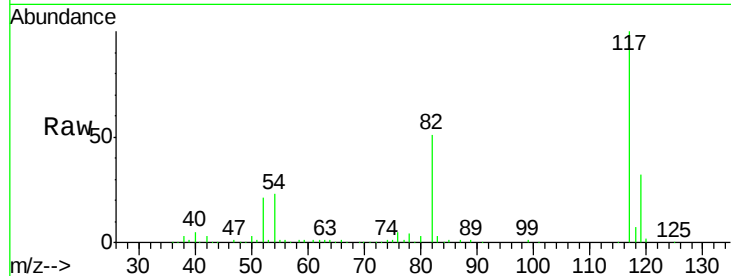




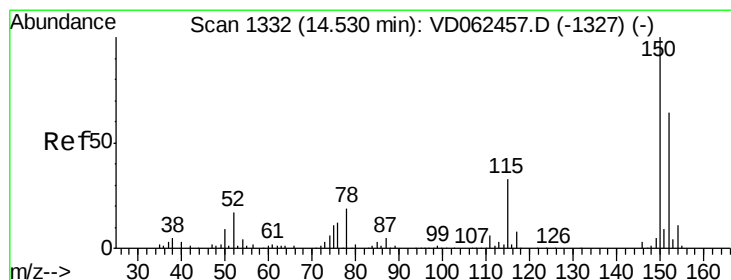
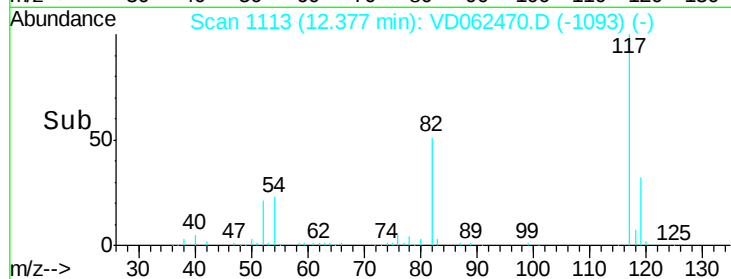
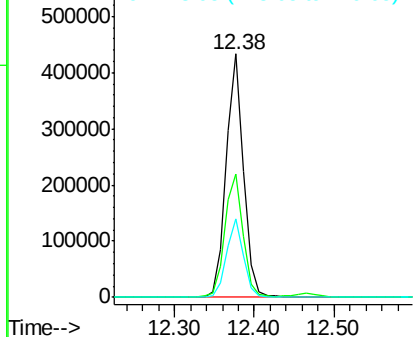
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

Instrument :
MSVOA_D
ClientSampleId :
SB-04(32)RE

Tot Ion:117 Resp: 664654
Ion Ratio Lower Upper
117 100
82 50.9 36.2 54.2
119 32.5 26.2 39.4

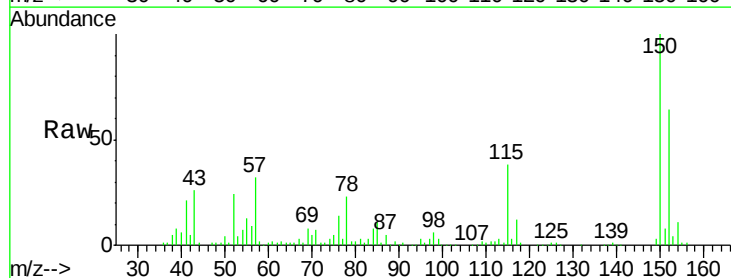


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

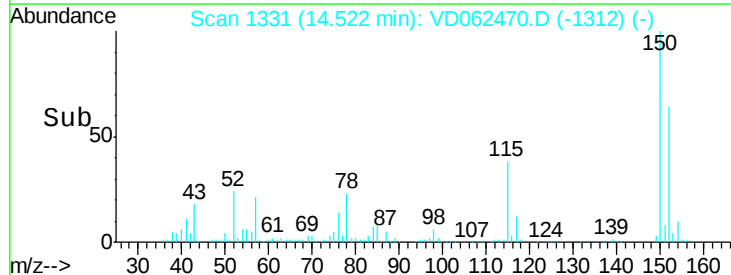
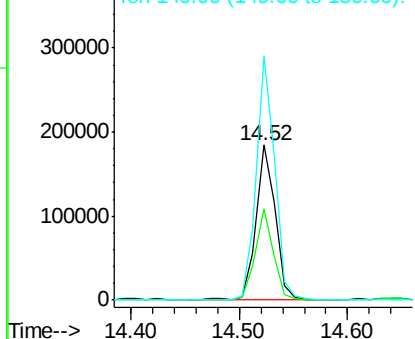


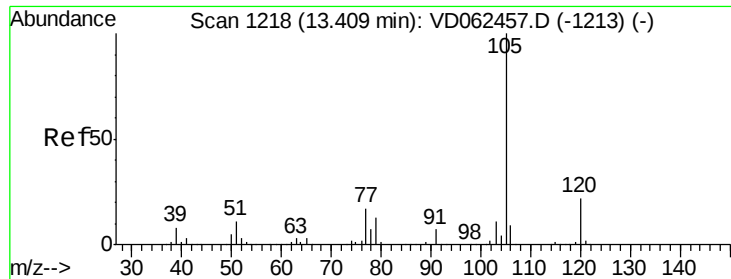
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

Tgt Ion:152 Resp: 228799
Ion Ratio Lower Upper
152 100
115 59.3 30.9 92.7
150 157.3 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: 4.128 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD062470.D

Acq: 20 May 2019 21:46

Instrument :

MSVOA_D

ClientSampleId :

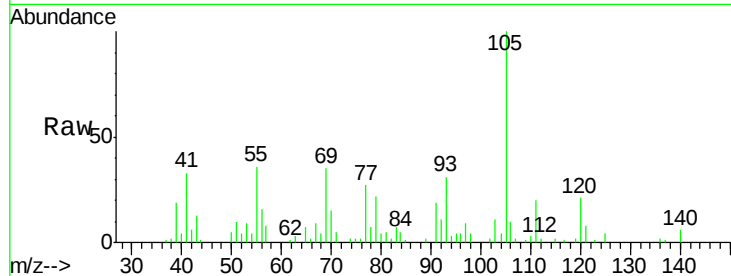
SB-04(32)RE

Tot Ion: 105 Resp: 59529

Ion Ratio Lower Upper

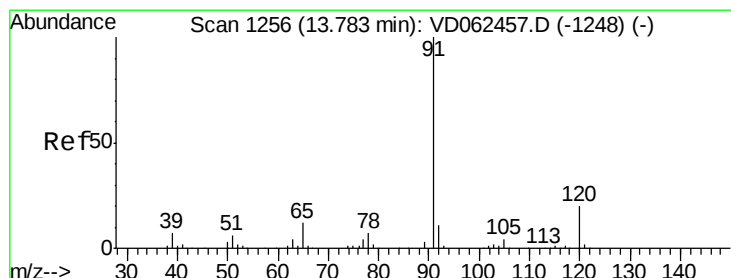
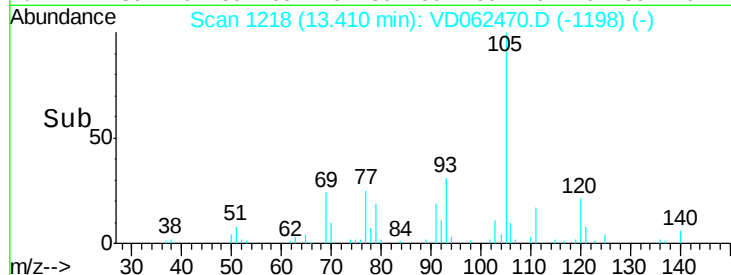
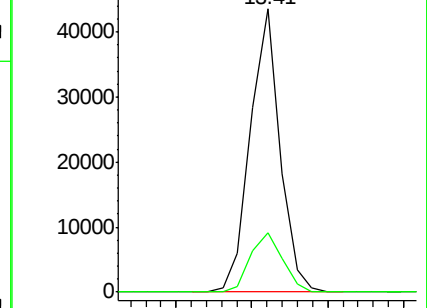
105 100

120 20.8 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: 4.608 ug/l

RT: 13.77 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VD062470.D

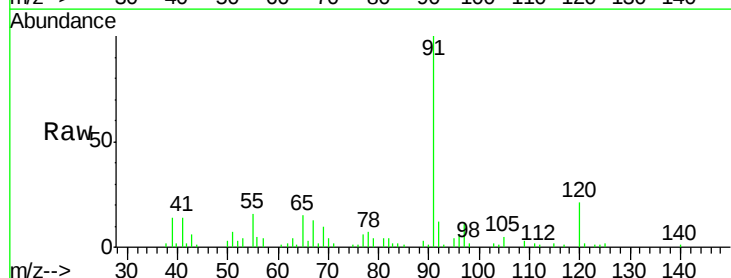
Acq: 20 May 2019 21:46

Tgt Ion: 91 Resp: 76982

Ion Ratio Lower Upper

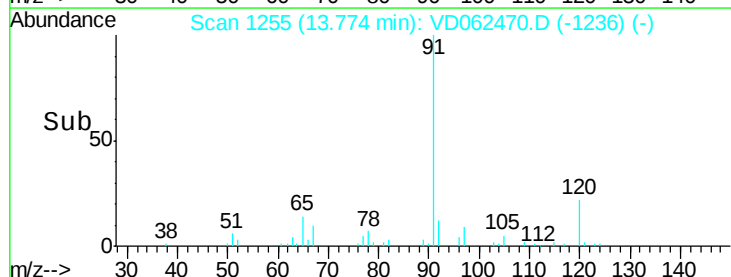
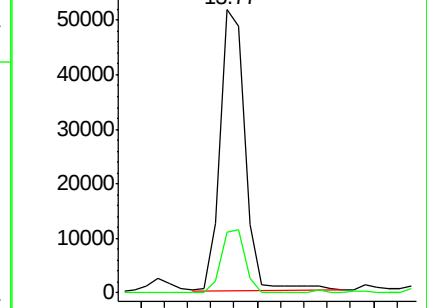
91 100

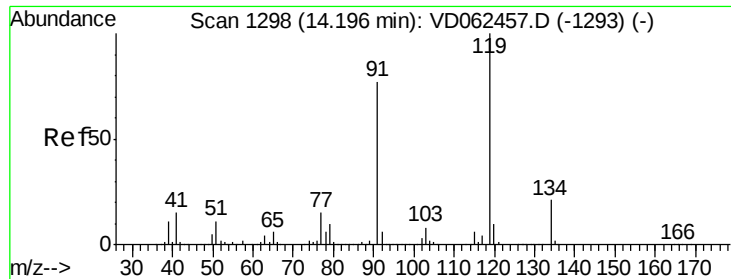
120 21.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

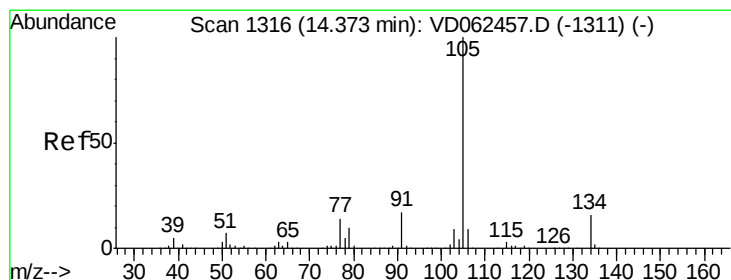
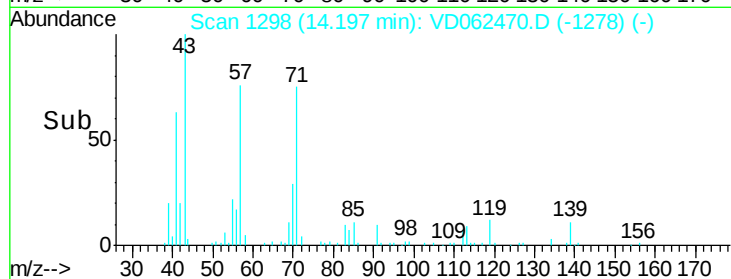
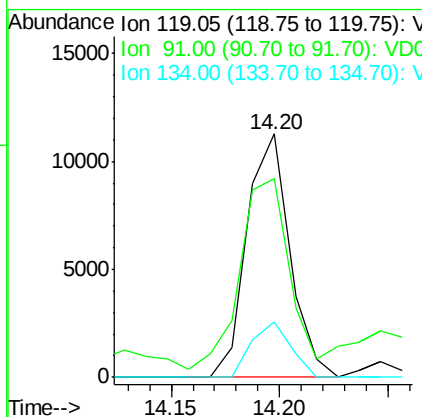
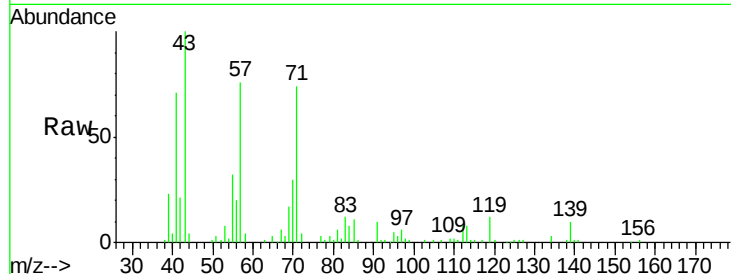




#83
tert-Butylbenzene
Concen: 1.119 ug/l
RT: 14.20 min Scan# 1298
Delta R.T. 0.00 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

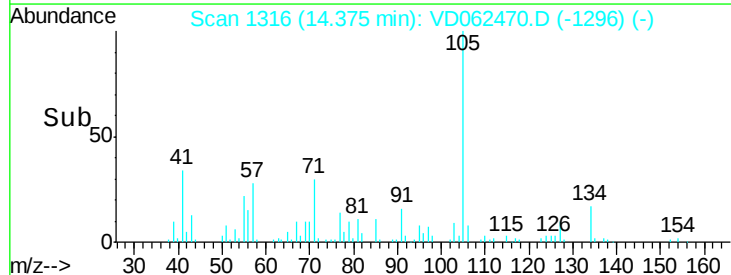
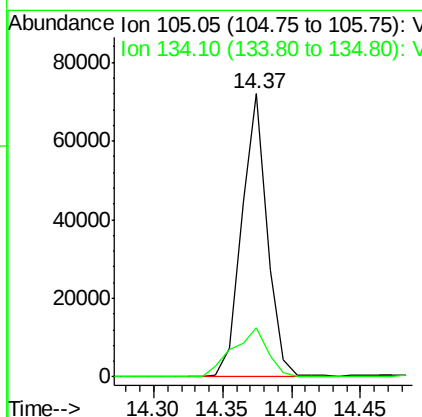
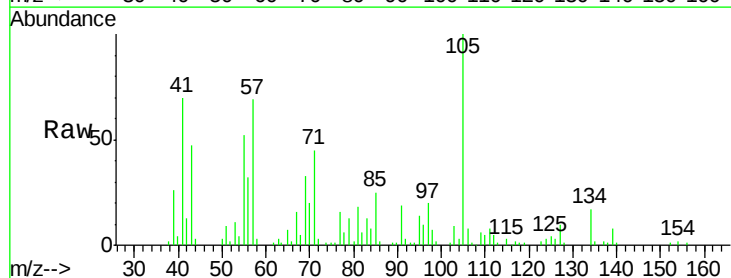
Instrument :
MSVOA_D
ClientSampleId :
SB-04(32)RE

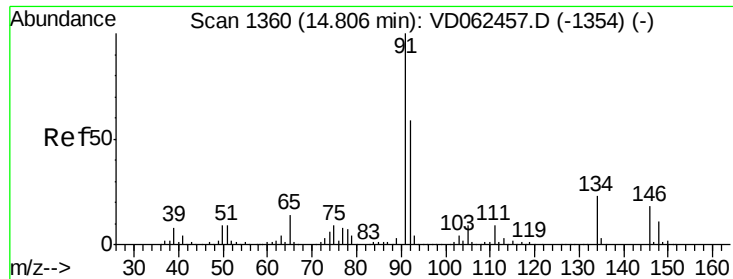
Tot Ion:119 Resp: 15501
Ion Ratio Lower Upper
119 100
91 81.6 34.2 102.6
134 22.5 12.0 36.0



#85
sec-Butylbenzene
Concen: 6.411 ug/l
RT: 14.37 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD062470.D
Acq: 20 May 2019 21:46

Tgt Ion:105 Resp: 92599
Ion Ratio Lower Upper
105 100
134 17.4 8.9 26.7





#89

n-Butylbenzene

Concen: 6.965 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VD062470.D

Acq: 20 May 2019 21:46

Instrument :

MSVOA_D

ClientSampleId :

SB-04(32)RE

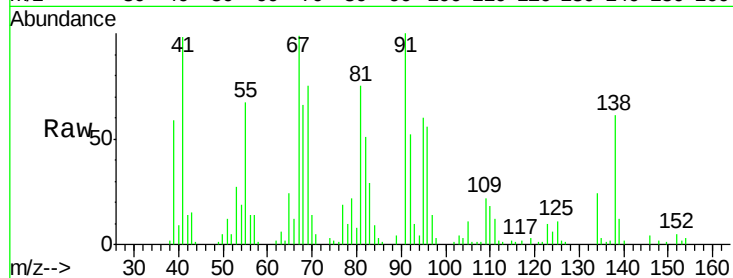
Tot Ion: 91 Resp: 87983

Ion Ratio Lower Upper

91 100

92 51.5 30.3 91.0

134 24.4 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): V

