

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062395.D
 Acq On : 15 May 2019 18:29
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.05µ/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: May 16 03:58:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

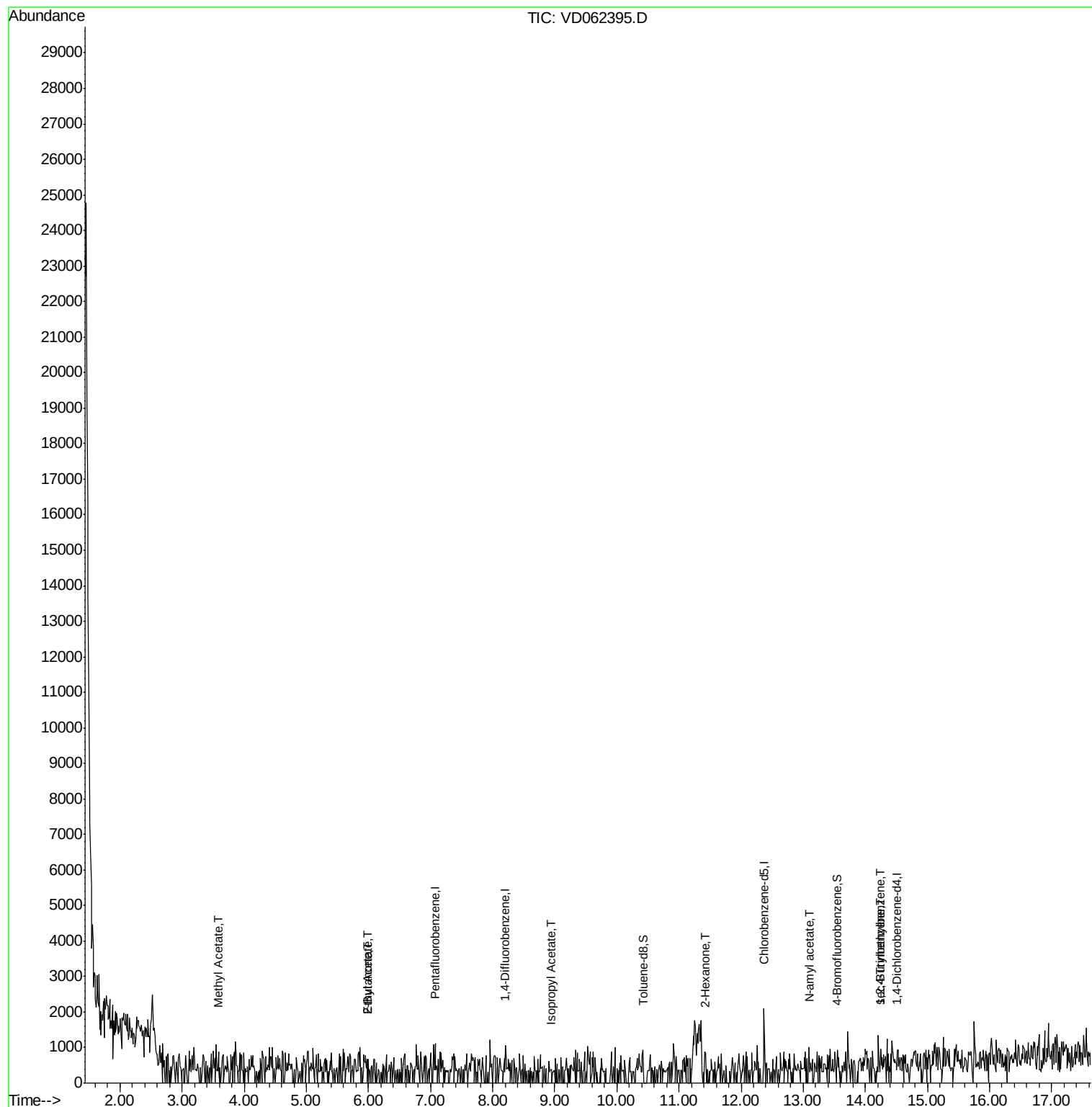
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	601	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.21	114	1237	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	825	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	194	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.41	98	791	31.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	63.92%	
62) 4-Bromofluorobenzene	13.56	95	255	25.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	51.32%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	3.59	43	187	89.508	ug/l #	53
25) 2-Butanone	5.99	43	198	154.981	ug/l #	56
37) Ethyl Acetate	5.99	43	198	46.034	ug/l #	64
43) Isopropyl Acetate	8.93	43	213	34.918	ug/l #	43
59) 2-Hexanone	11.42	43	250	86.504	ug/l #	27
74) N-amyl acetate	13.09	43	293	96.101	ug/l #	49
84) 1,2,4-Trimethylbenzene	14.24	105	183	18.623	ug/l #	30
85) sec-Butylbenzene	14.24	105	183	15.164	ug/l #	60

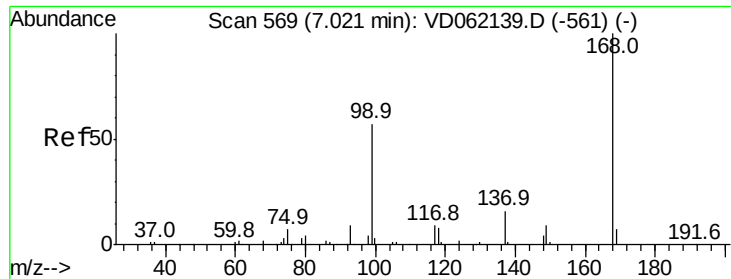
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

Instrument :

MSVOA_D

ClientSampled :

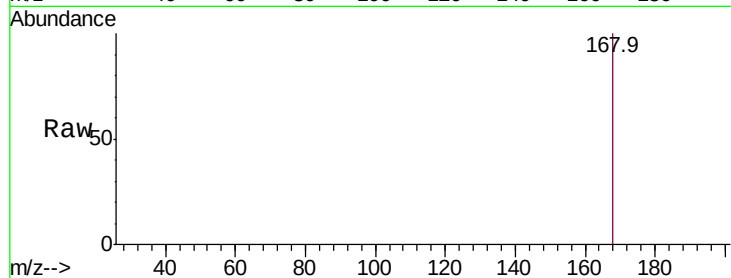
S-3

Tot Ion:168 Resp: 601

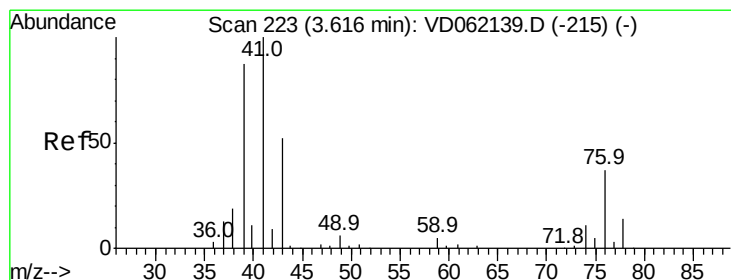
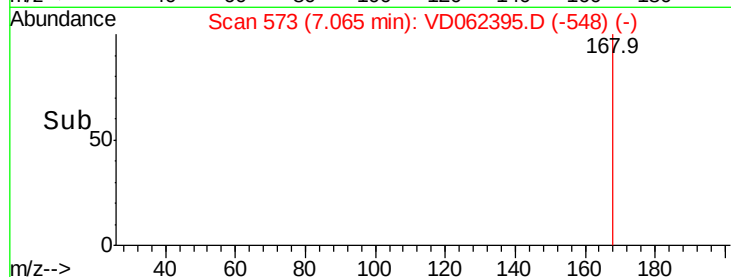
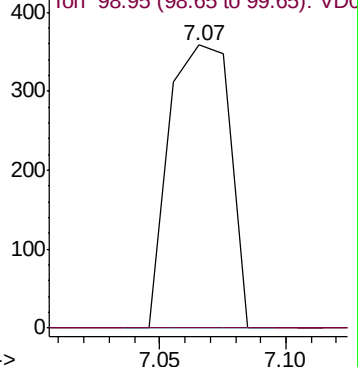
Ion Ratio Lower Upper

168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V



#18

Methyl Acetate

Concen: 89.508 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.02 min

Lab File: VD062395.D

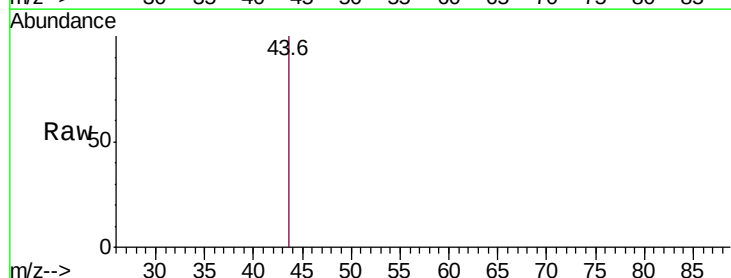
Acq: 15 May 2019 18:29

Tgt Ion: 43 Resp: 187

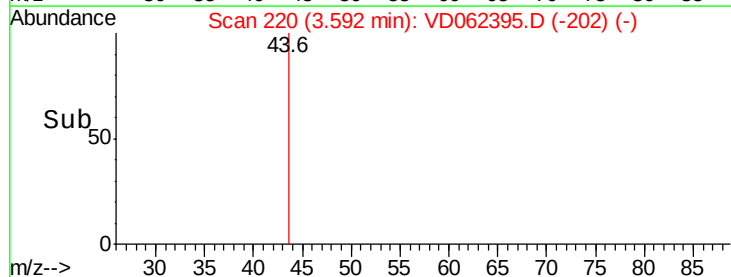
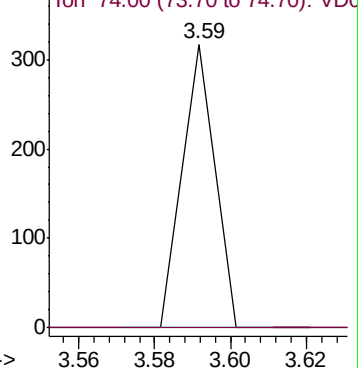
Ion Ratio Lower Upper

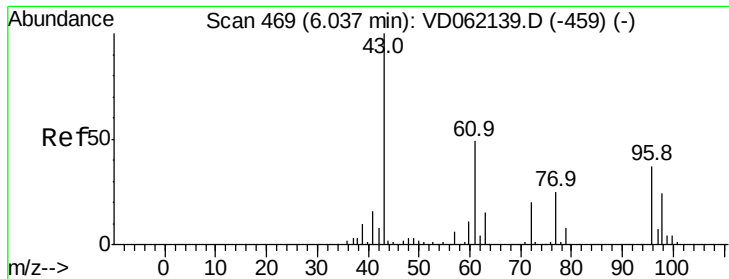
43 100

74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#25

2-Butanone

Concen: 154.981 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.04 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

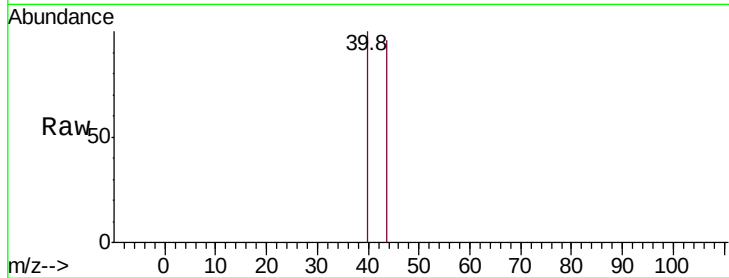
S-3

Tot Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VD062395.D

Ion 72.00 (71.70 to 72.70): VD062395.D

5.99

300

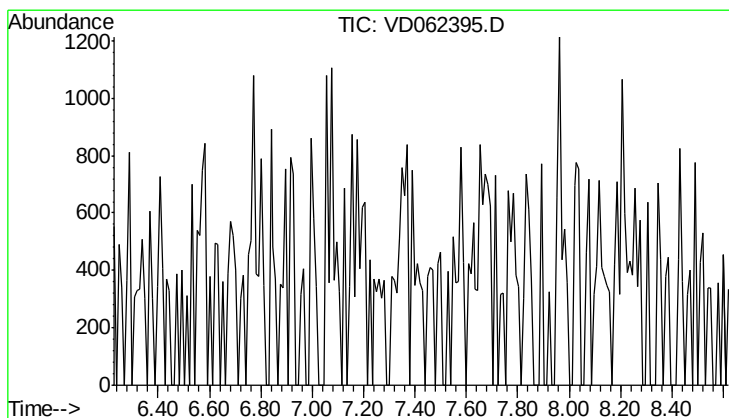
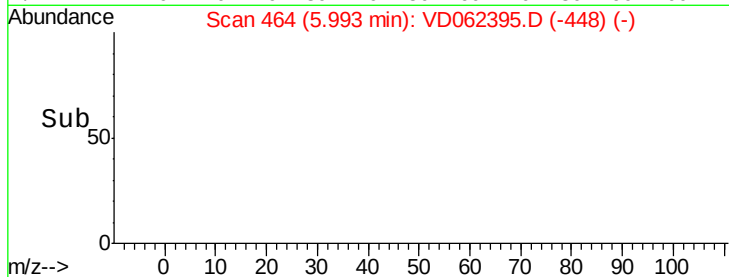
200

100

0

5.96 5.98 6.00 6.02

Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.42 min

Lab File: VD062395.D

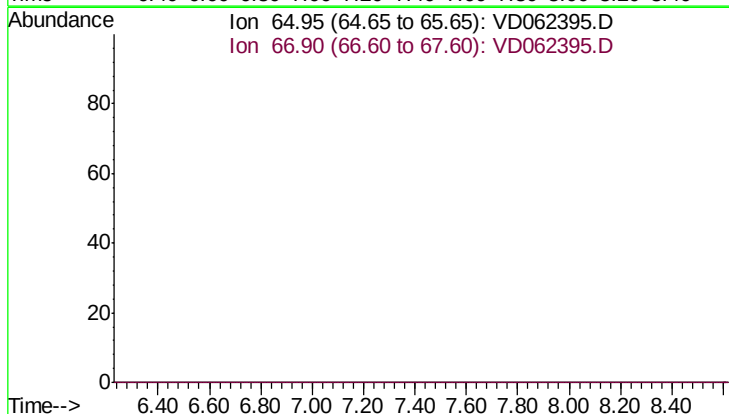
Acq: 15 May 2019 18:29

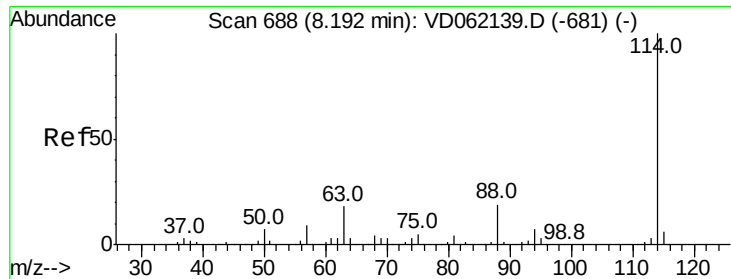
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.0

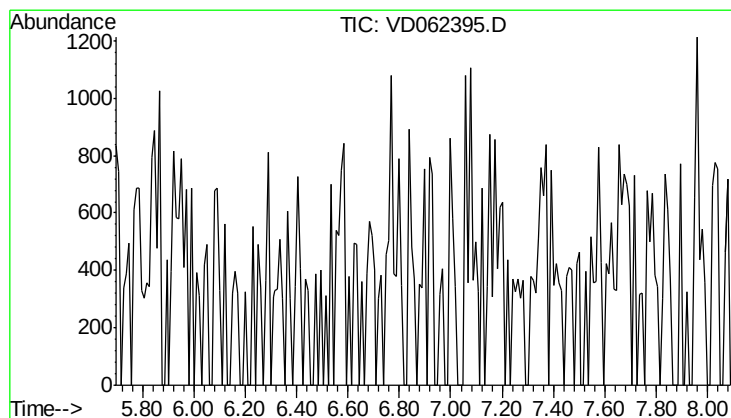
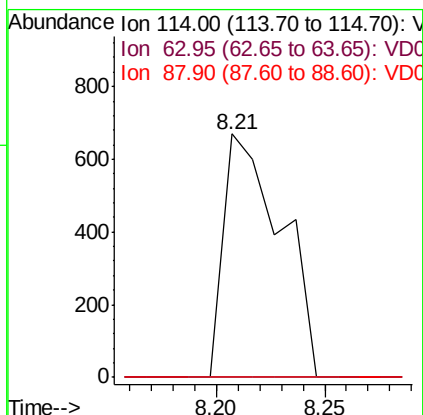
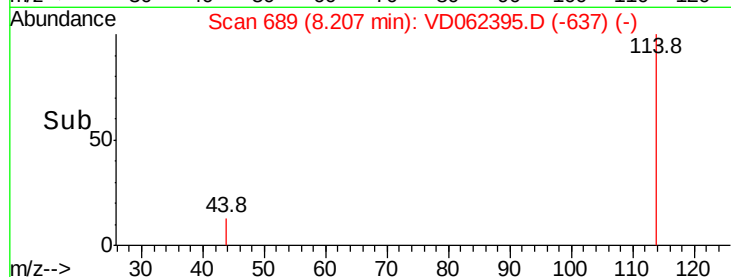
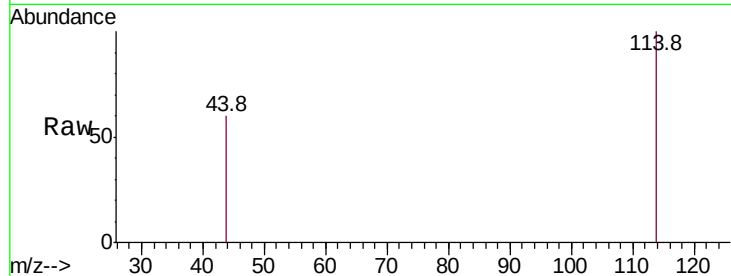




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062395.D
 Acq: 15 May 2019 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
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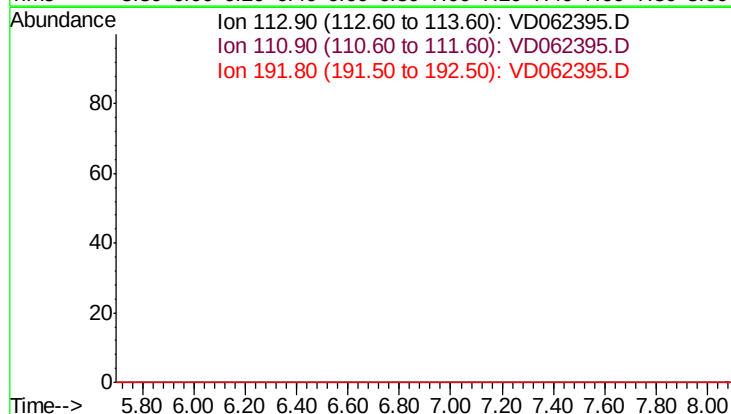
Tot Ion:114 Resp: 1237
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 32.4
 88 0.0 0.0 33.6

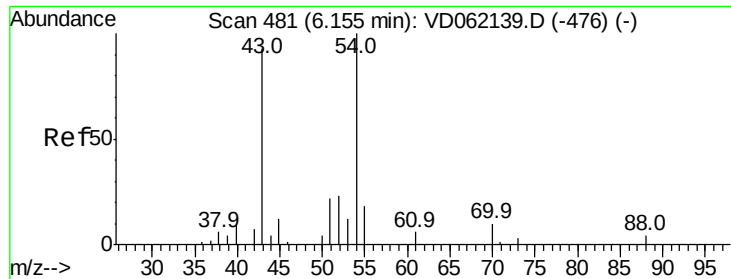


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 6.89 min

Lab File: VD062395.D
 Acq: 15 May 2019 18:29

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.1
 192 16.2





#37

Ethyl Acetate

Concen: 46.034 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.16 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

S-3

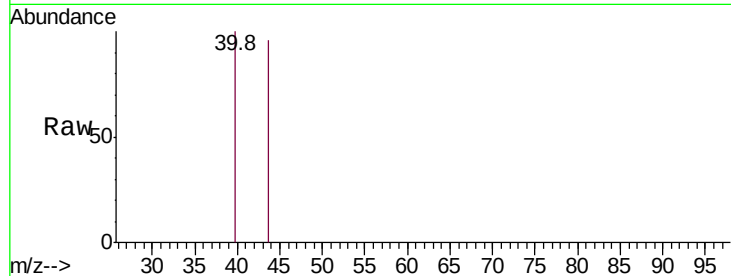
Tot Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

61 0.0 14.7 22.1#

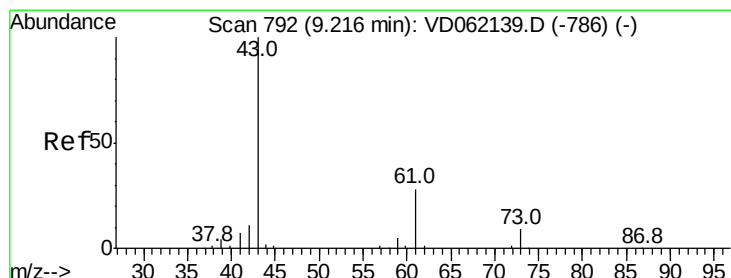
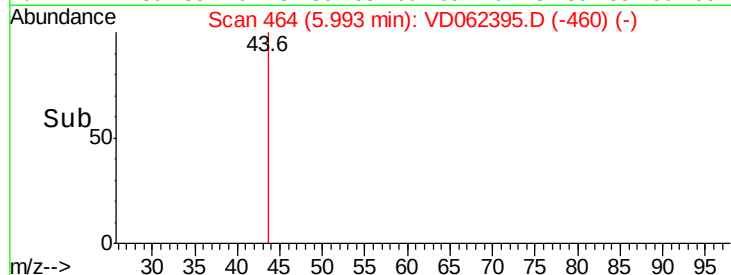
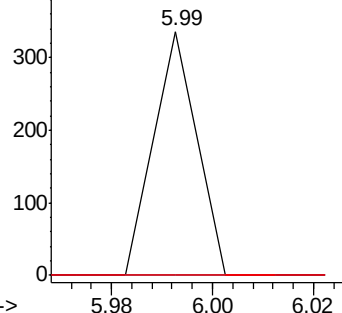
70 0.0 7.8 11.6#



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



#43

Isopropyl Acetate

Concen: 34.918 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.29 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

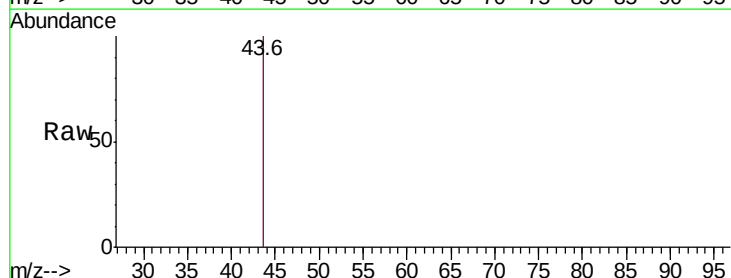
Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

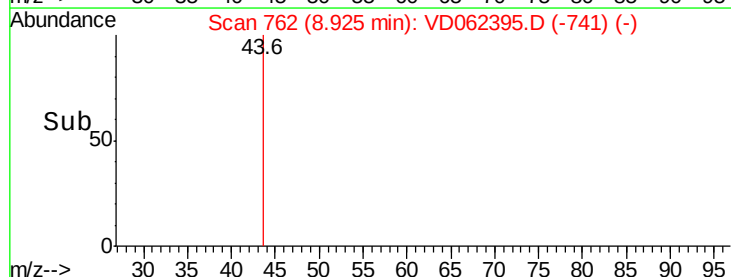
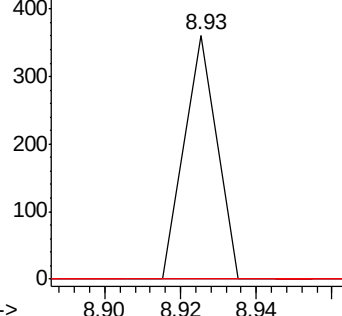
87 0.0 0.0 0.0

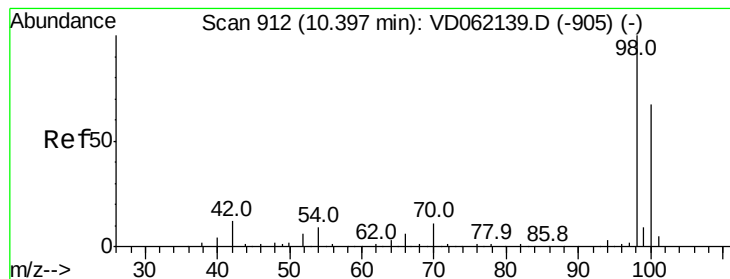


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC





#50

Toluene-d8

Concen: 31.965 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

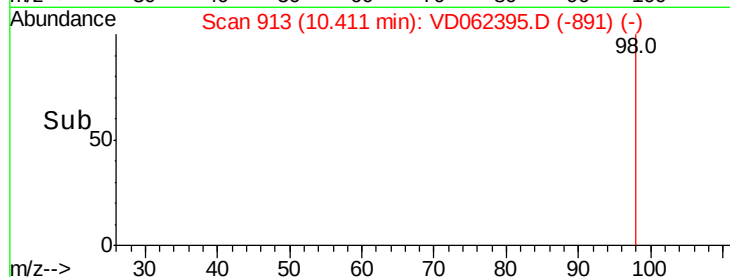
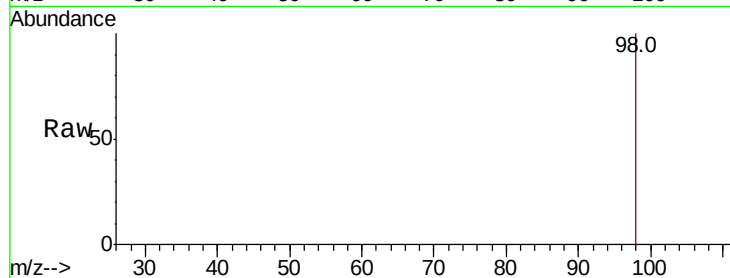
S-3

Tot Ion: 98 Resp: 791

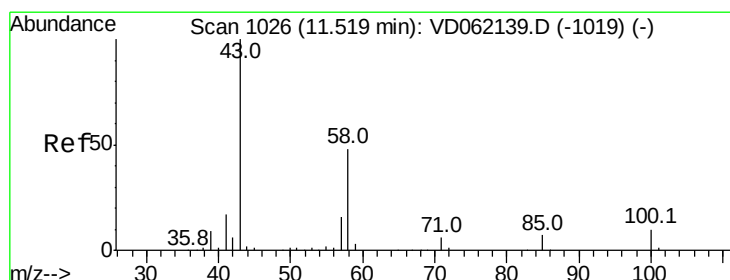
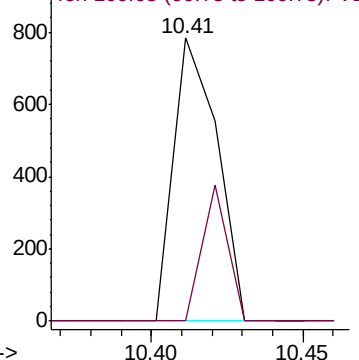
Ion Ratio Lower Upper

98 100

100 0.0 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): VD062395.D (-891) (-)



#59

2-Hexanone

Concen: 86.504 ug/l

RT: 11.42 min Scan# 1016

Delta R.T. -0.09 min

Lab File: VD062395.D

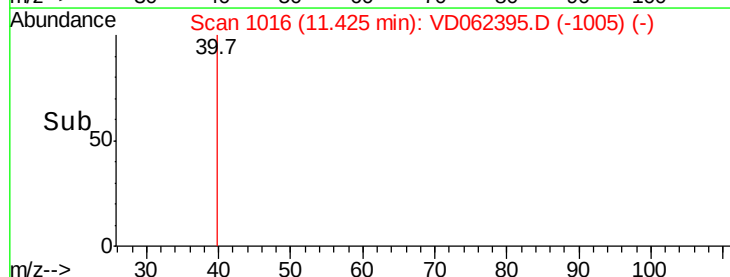
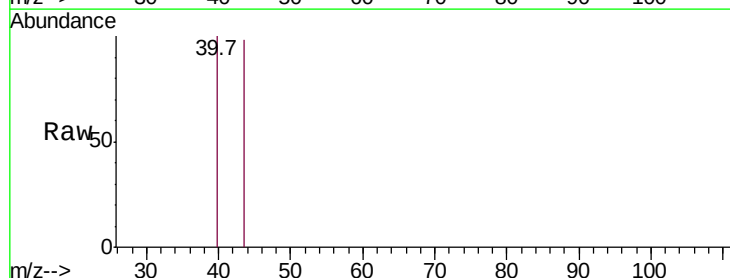
Acq: 15 May 2019 18:29

Tgt Ion: 43 Resp: 250

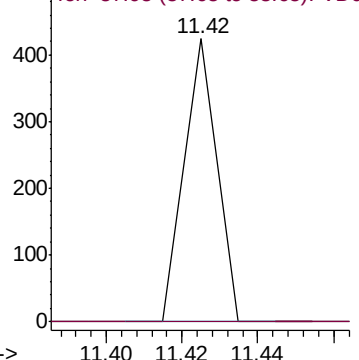
Ion Ratio Lower Upper

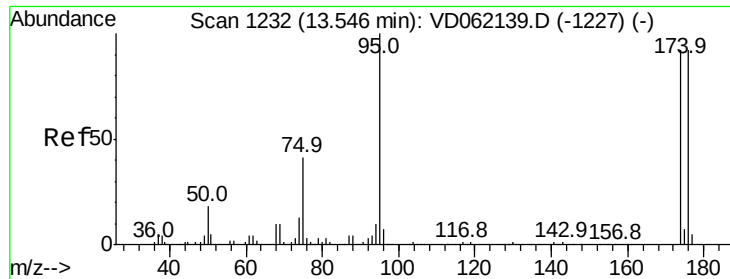
43 100

58 0.0 25.4 76.4#



Abundance Ion 42.95 (42.65 to 43.65): VD062395.D (-1005) (-)





#62

4-Bromofluorobenzene

Concen: 25.661 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

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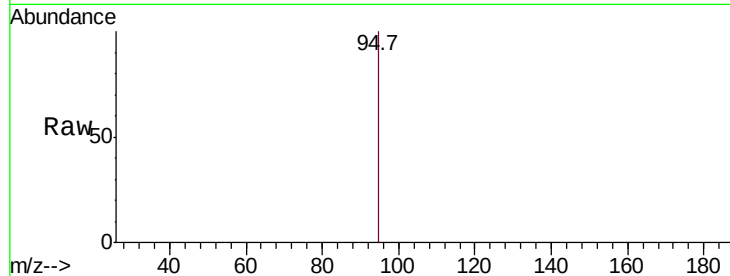
Tot Ion: 95 Resp: 255

Ion Ratio Lower Upper

95 100

174 0.0 0.0 181.8

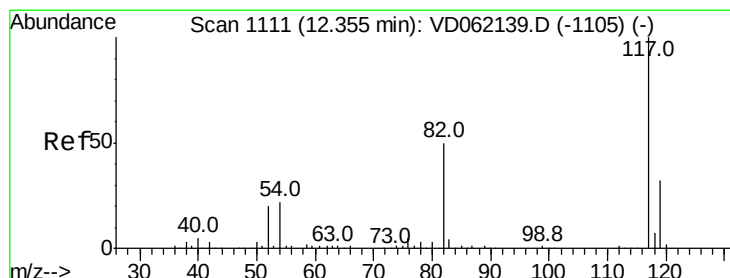
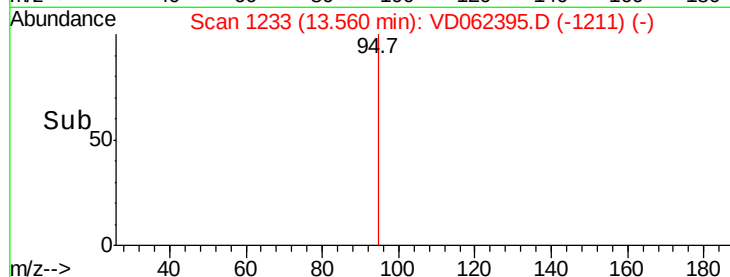
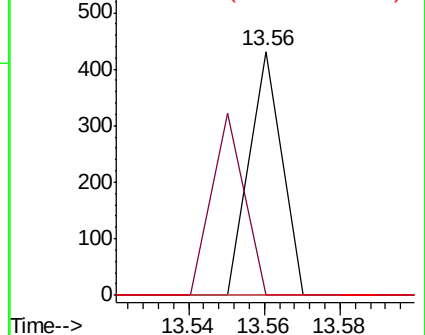
176 0.0 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062395.D

Acq: 15 May 2019 18:29

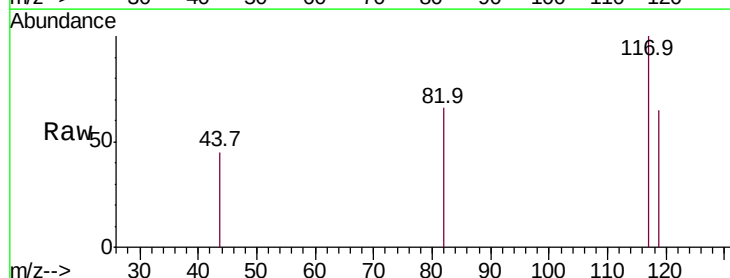
Tgt Ion: 117 Resp: 825

Ion Ratio Lower Upper

117 100

82 65.8 36.2 54.2#

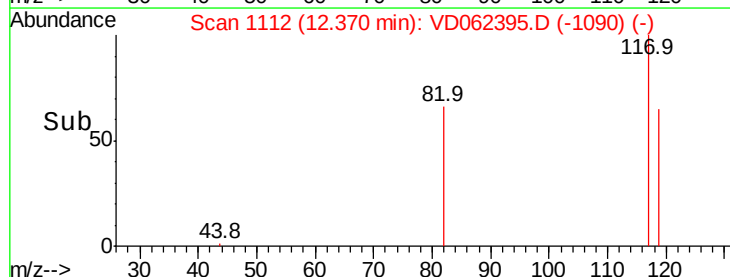
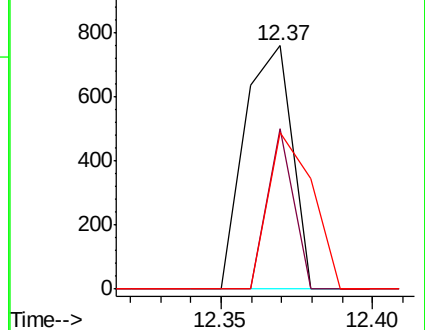
119 64.5 26.2 39.4#

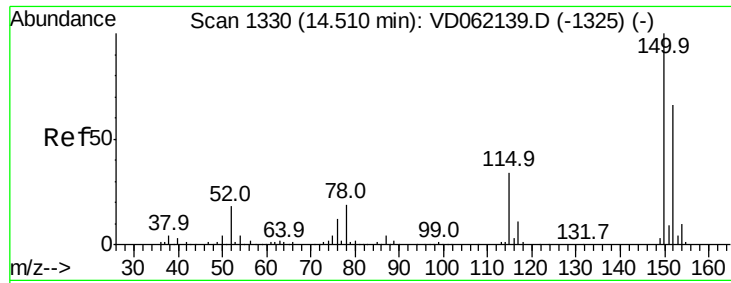


Abundance Ion 116.95 (116.65 to 117.65): VDC

Ion 82.05 (81.75 to 82.75): VDC

Ion 118.95 (118.65 to 119.65): VDC

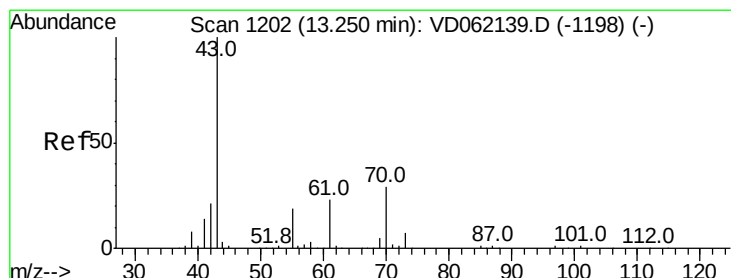
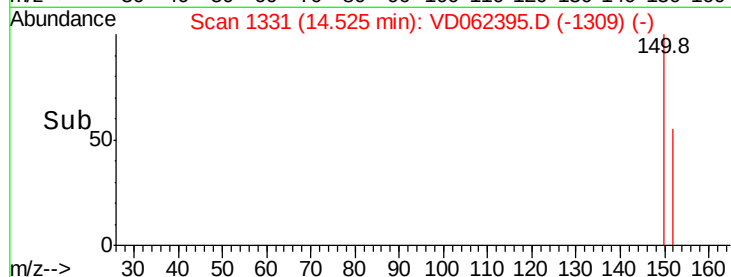
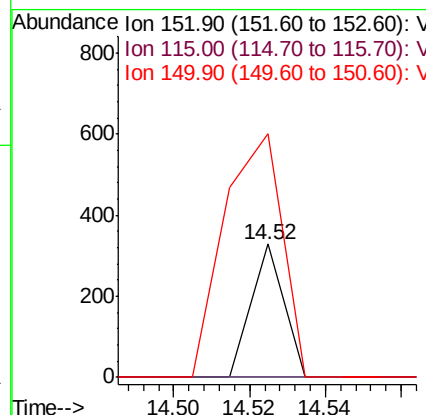
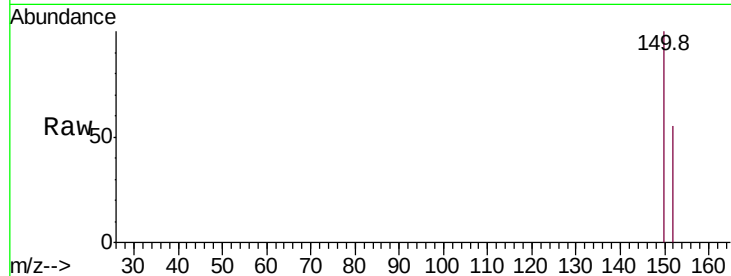




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062395.D
 Acq: 15 May 2019 18:29

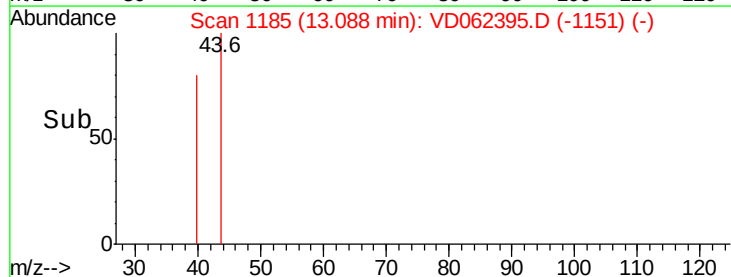
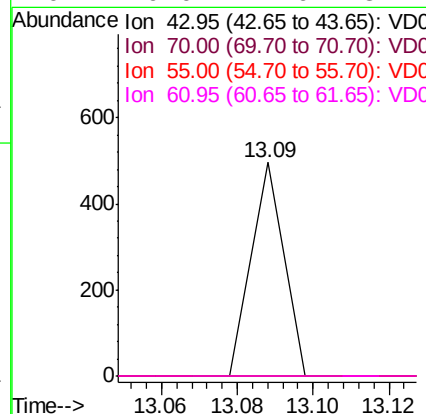
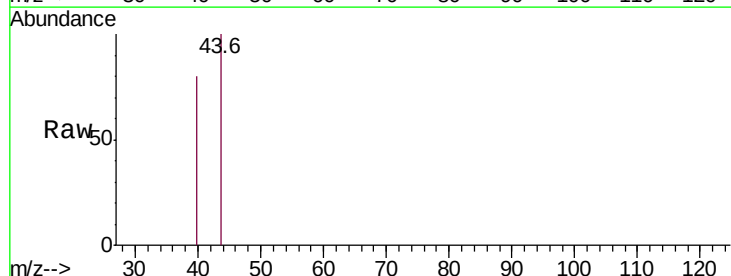
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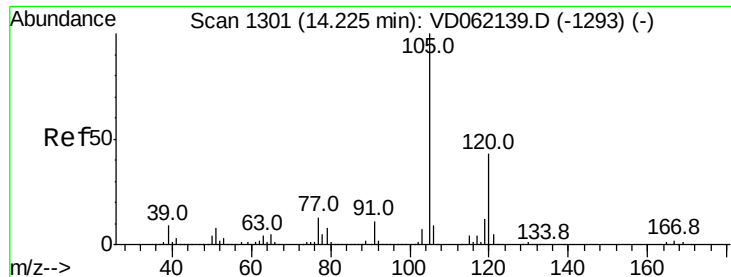
Tot Ion:152 Resp: 194
 Ion Ratio Lower Upper
 152 100
 115 0.0 30.9 92.7#
 150 183.2 0.0 314.8



#74
 N-amyl acetate
 Concen: 96.101 ug/l
 RT: 13.09 min Scan# 1185
 Delta R.T. -0.16 min
 Lab File: VD062395.D
 Acq: 15 May 2019 18:29

Tgt Ion: 43 Resp: 293
 Ion Ratio Lower Upper
 43 100
 70 0.0 24.2 36.4#
 55 0.0 16.0 24.0#
 61 0.0 21.6 32.4#

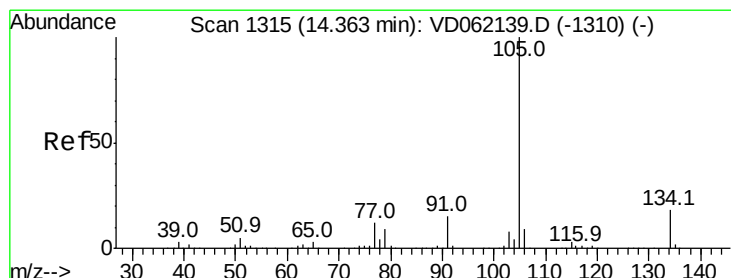
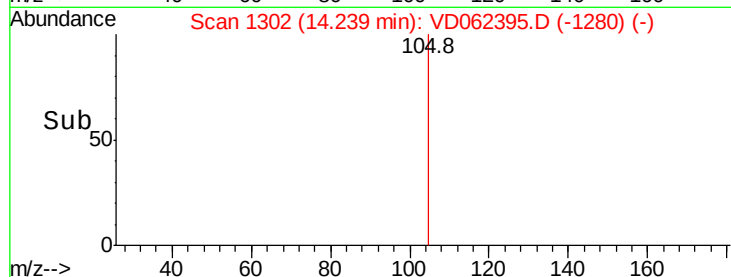
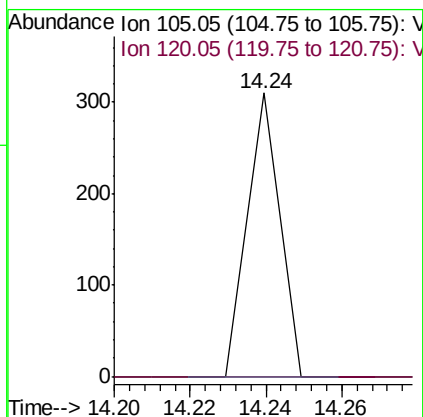
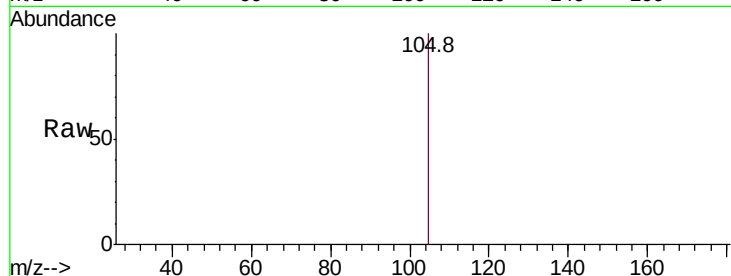




#84
 1,2,4-Trimethylbenzene
 Concen: 18.623 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD062395.D
 Acq: 15 May 2019 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Tot Ion:105 Resp: 183
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 15.164 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.12 min
 Lab File: VD062395.D
 Acq: 15 May 2019 18:29

Tgt Ion:105 Resp: 183
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#

