

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019346.D
 Acq On : 06 Nov 2020 16:51
 Operator : JC/MD
 Sample : L4636-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP-1-AU

Quant Time: Nov 07 02:40:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	485822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250616	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	206582	53.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.88%	
35) Dibromofluoromethane	5.46	113	163207	50.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.08%	
50) Toluene-d8	8.70	98	636333	51.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	248171	53.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.60%	

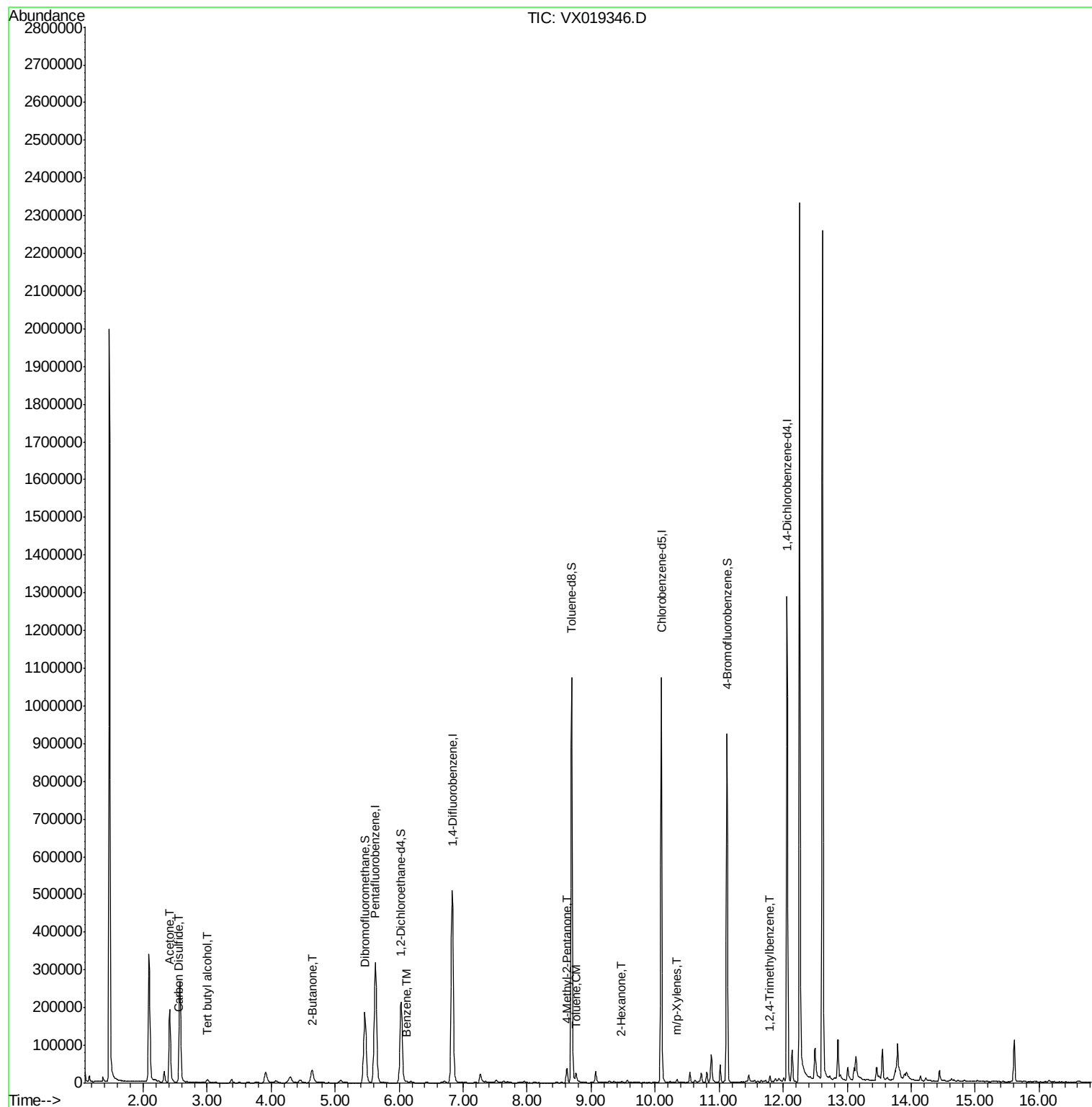
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	6966	9.209	ug/l	96
16) Acetone	2.42	43	201285	152.348	ug/l	99
17) Carbon Disulfide	2.55	76	6072	1.489	ug/l	97
25) 2-Butanone	4.64	43	33520	16.098	ug/l	98
40) Benzene	6.12	78	3202	0.236	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	21621	5.046	ug/l	98
52) Toluene	8.77	92	6173	0.705	ug/l	95
59) 2-Hexanone	9.48	43	2331	0.715	ug/l	97
68) m/p-Xylenes	10.34	106	1889	0.284	ug/l	85
84) 1,2,4-Trimethylbenzene	11.79	105	3801	0.251	ug/l	85

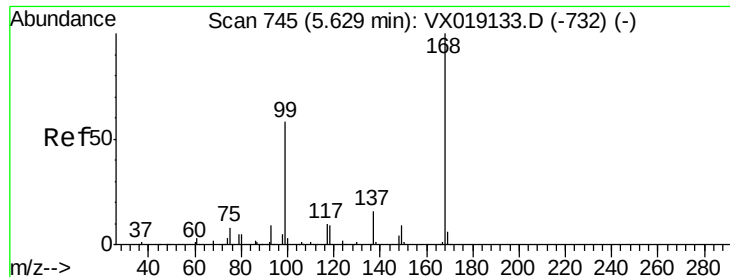
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

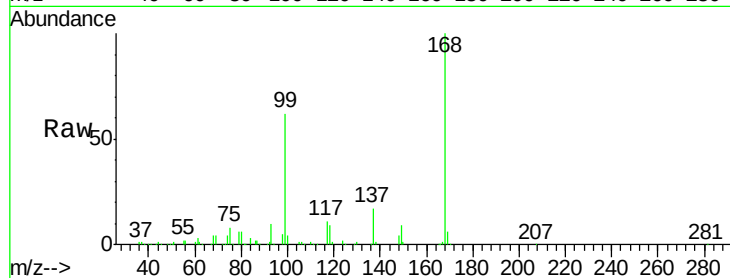
DRUM-COMP-1-AU

Tot Ion:168 Resp: 296970

Ion Ratio Lower Upper

168 100

99 61.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

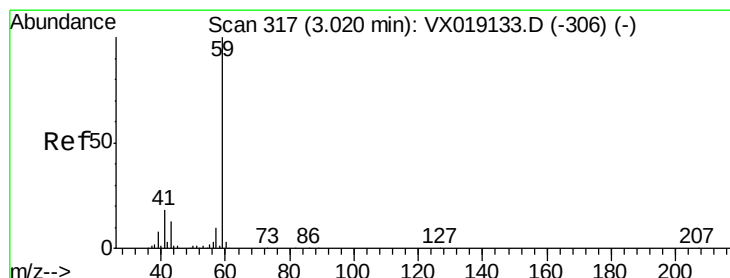
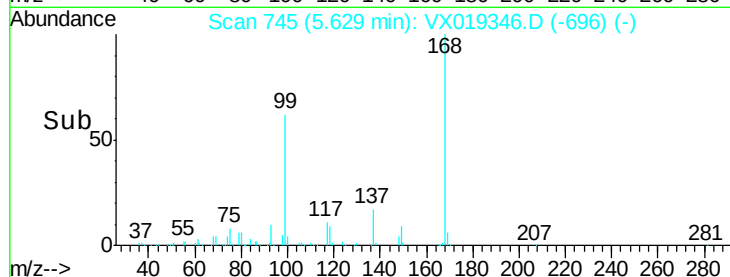
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 9.209 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX019346.D

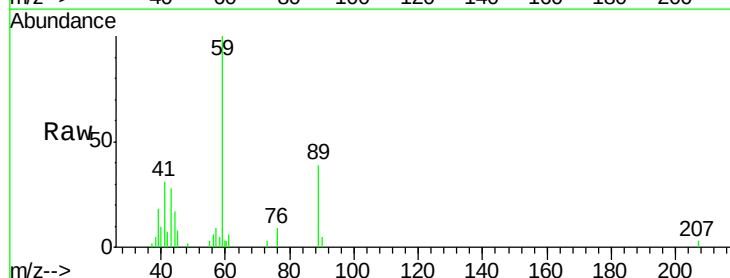
Acq: 06 Nov 2020 16:51

Tgt Ion: 59 Resp: 6966

Ion Ratio Lower Upper

59 100

57 9.1 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

3000

2500

2000

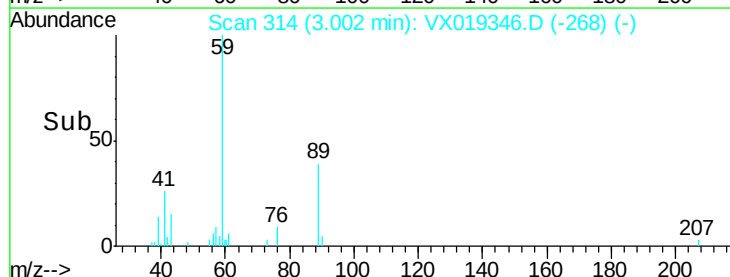
1500

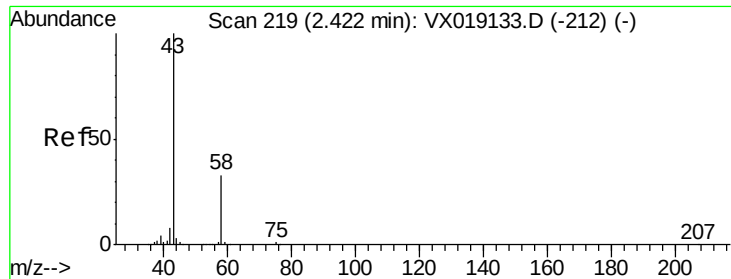
1000

500

0

Time-->





#16

Acetone

Concen: 152.348 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

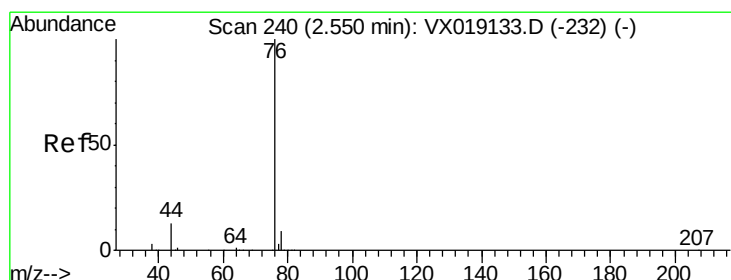
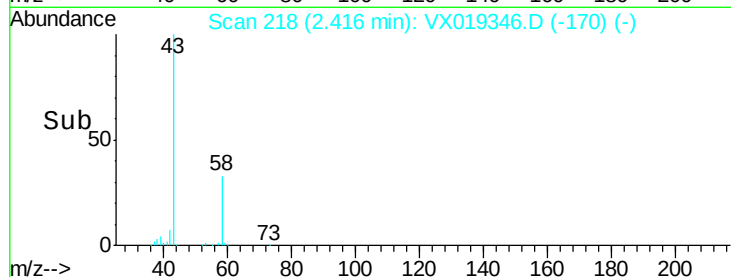
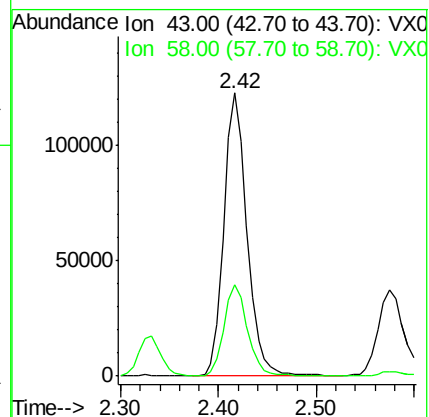
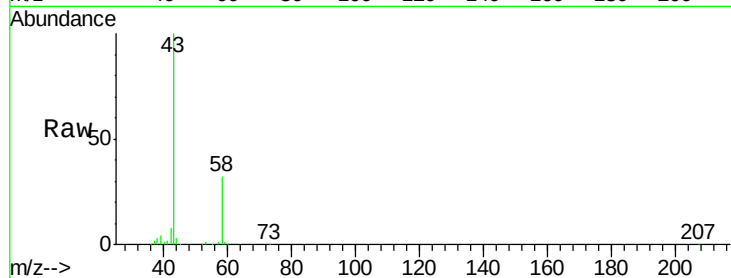
DRUM-COMP-1-AU

Tot Ion: 43 Resp: 201285

Ion Ratio Lower Upper

43 100

58 32.3 26.3 39.5



#17

Carbon Disulfide

Concen: 1.489 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019346.D

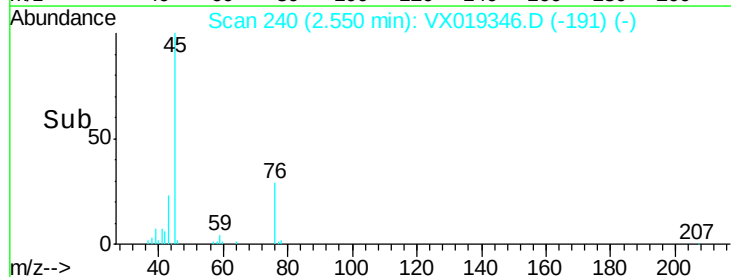
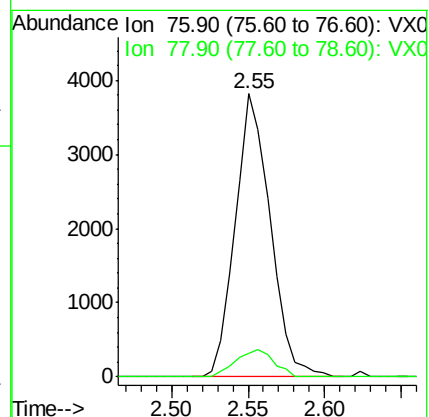
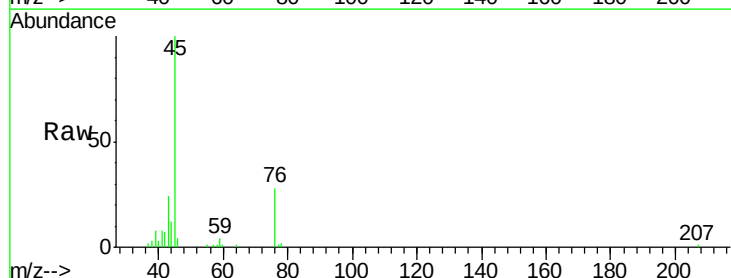
Acq: 06 Nov 2020 16:51

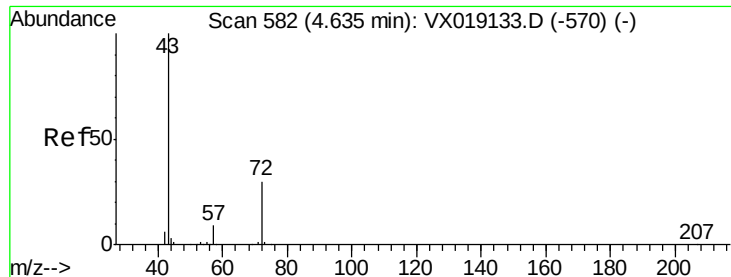
Tgt Ion: 76 Resp: 6072

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

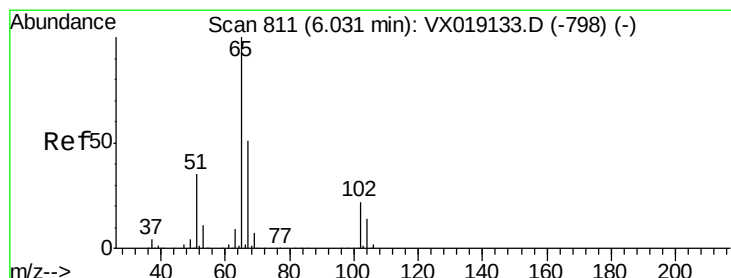
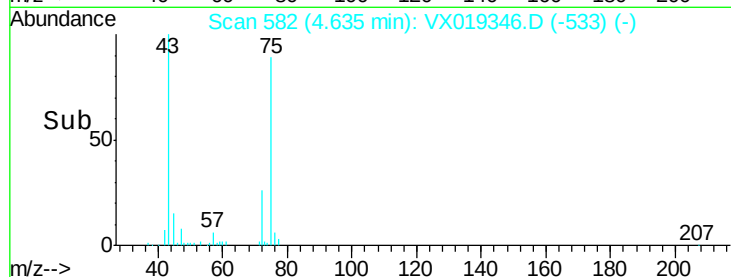
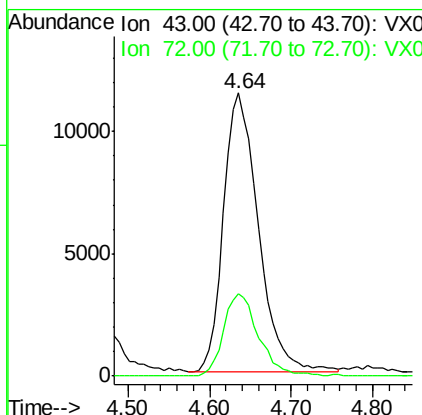
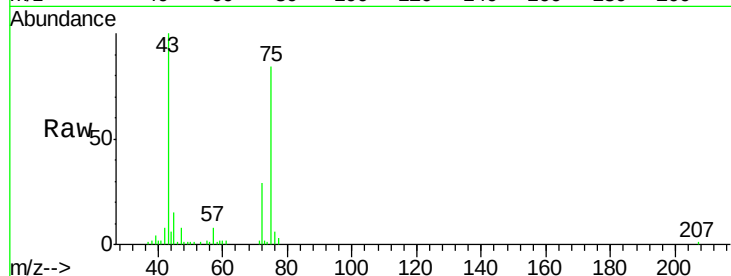




#25
 2-Butanone
 Concen: 16.098 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019346.D
 Acq: 06 Nov 2020 16:51

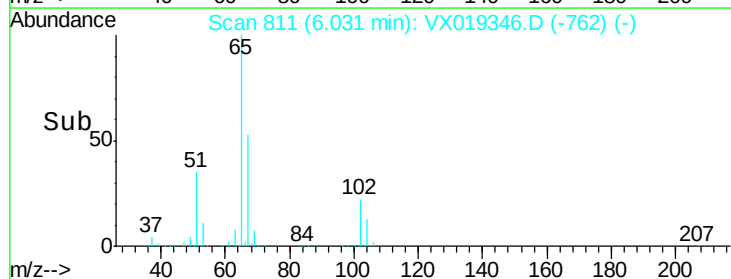
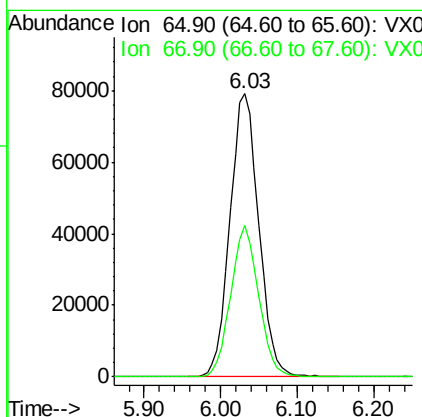
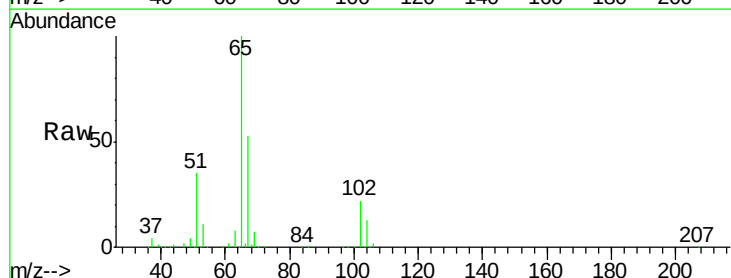
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-COMP-1-AU

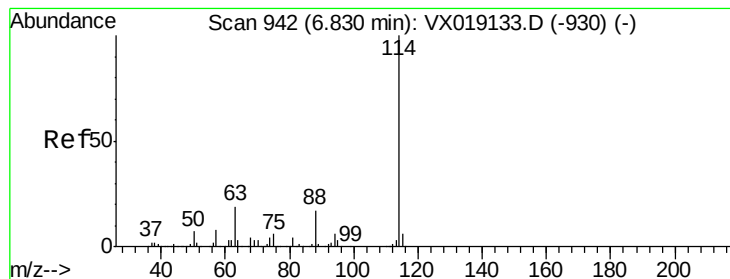
Tot Ion: 43 Resp: 33520
 Ion Ratio Lower Upper
 43 100
 72 29.8 24.6 36.8



#33
 1,2-Dichloroethane-d4
 Concen: 53.941 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019346.D
 Acq: 06 Nov 2020 16:51

Tgt Ion: 65 Resp: 206582
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMP-1-AU

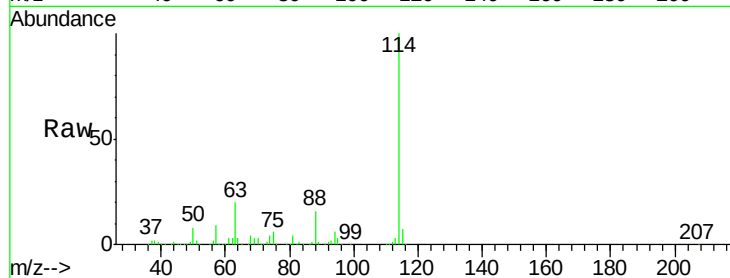
Tot Ion:114 Resp: 519273

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

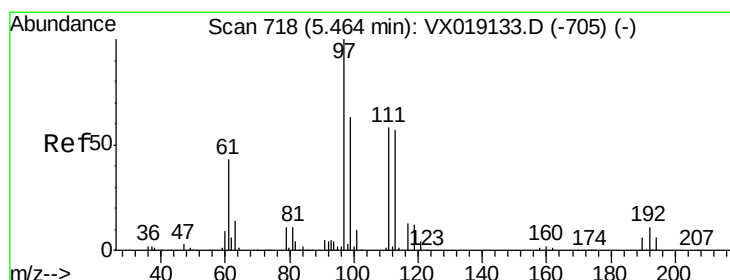
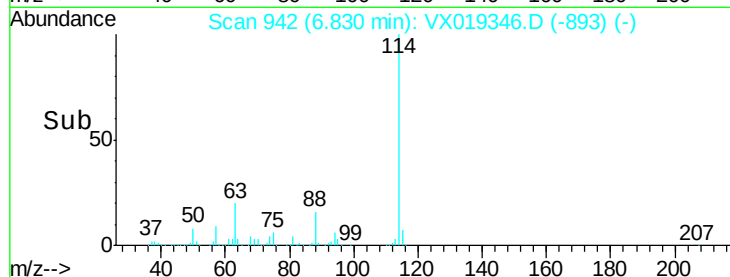
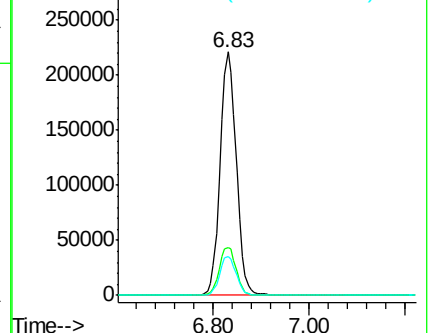
88 16.2 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

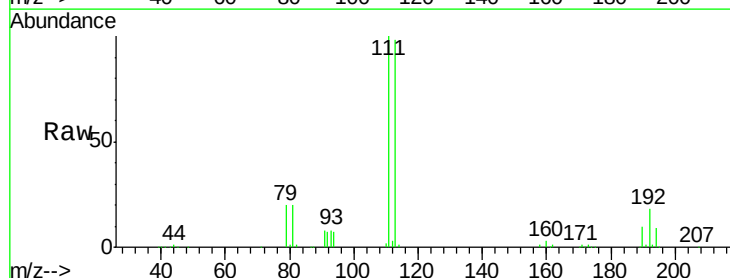
Tgt Ion:113 Resp: 163207

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

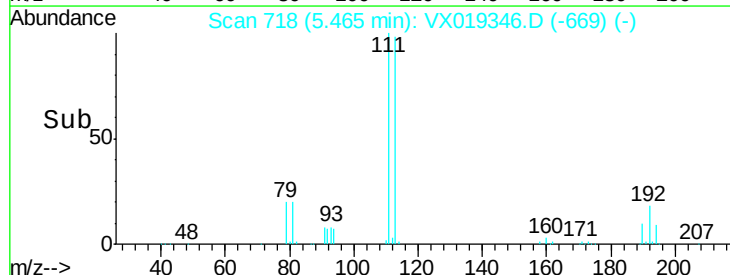
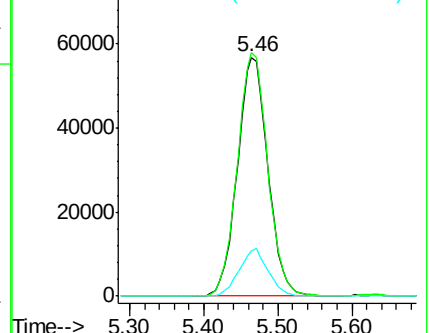
192 18.8 16.2 24.2

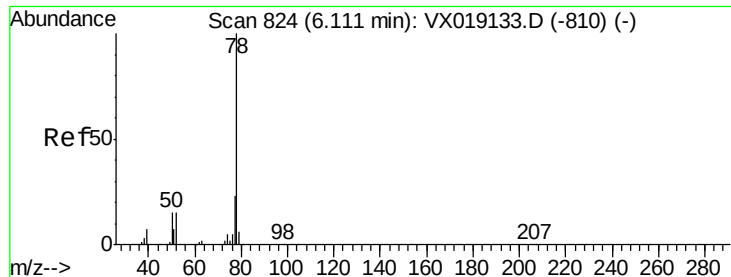


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.236 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

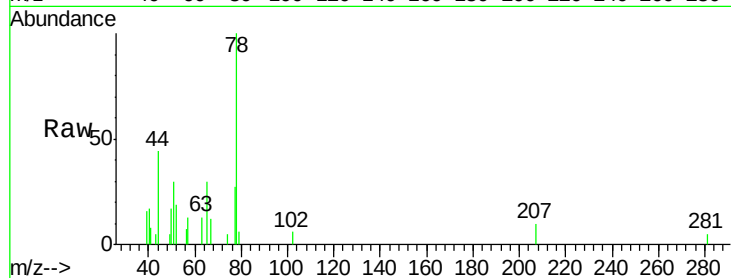
DRUM-COMP-1-AU

Tot Ion: 78 Resp: 3202

Ion Ratio Lower Upper

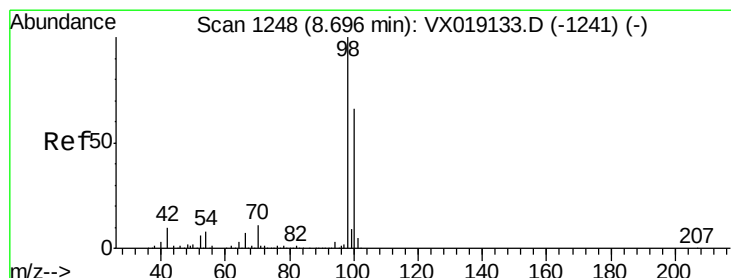
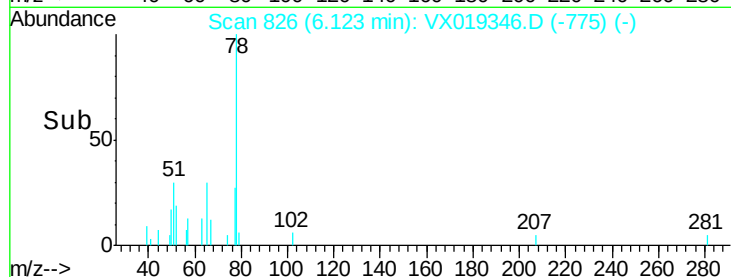
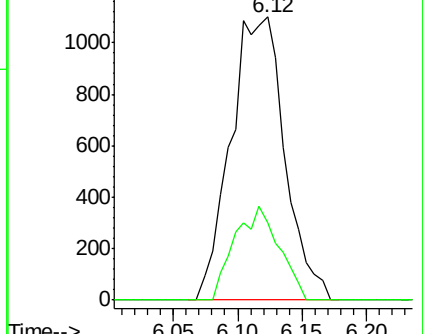
78 100

77 27.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.753 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019346.D

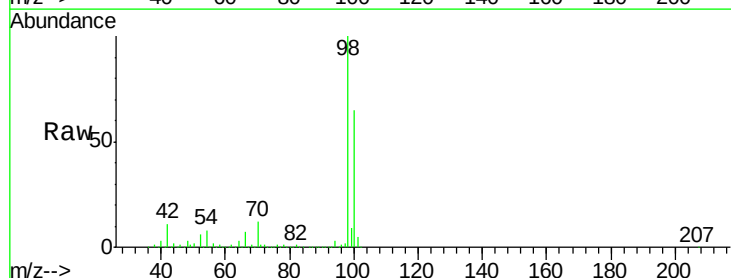
Acq: 06 Nov 2020 16:51

Tgt Ion: 98 Resp: 636333

Ion Ratio Lower Upper

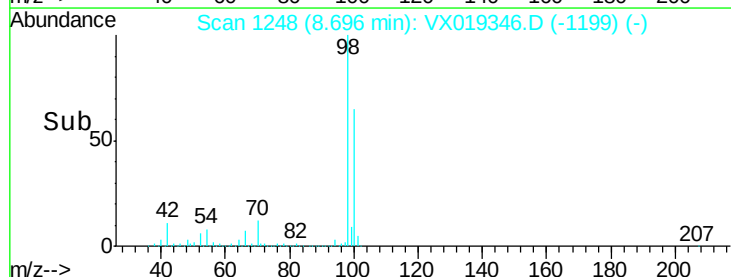
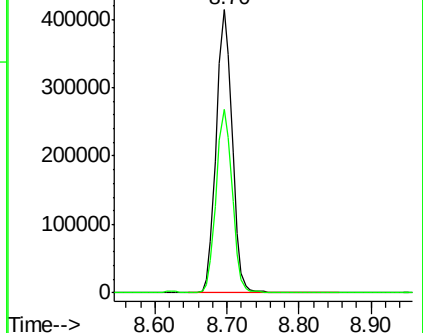
98 100

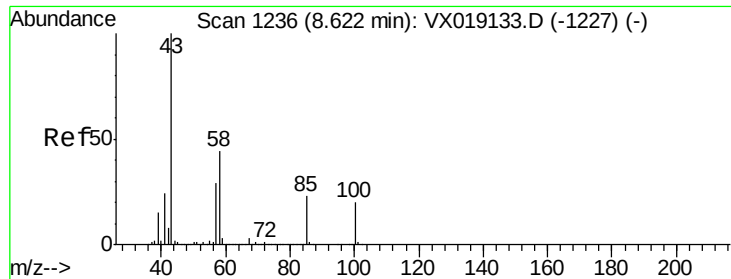
100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 5.046 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

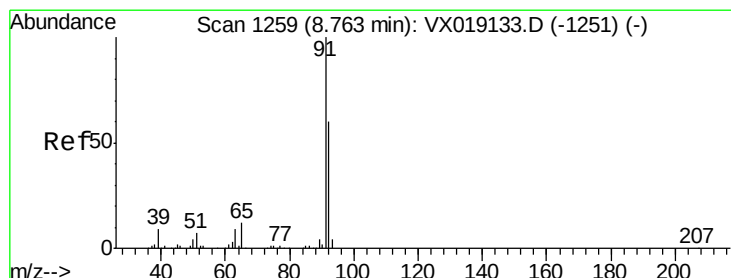
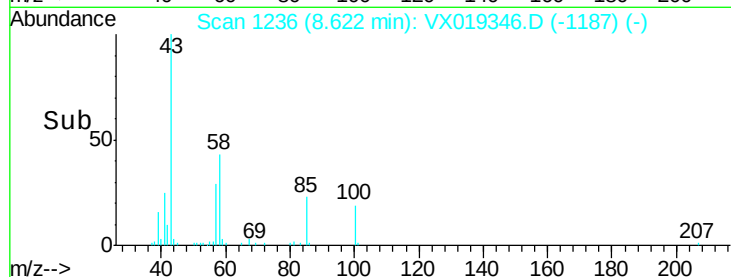
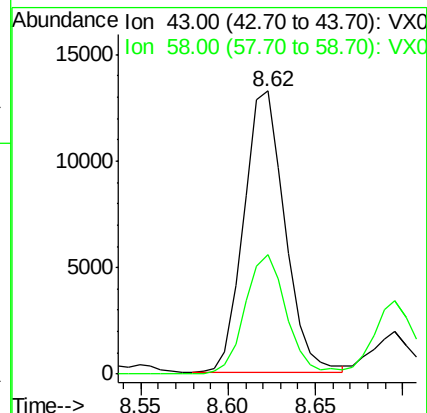
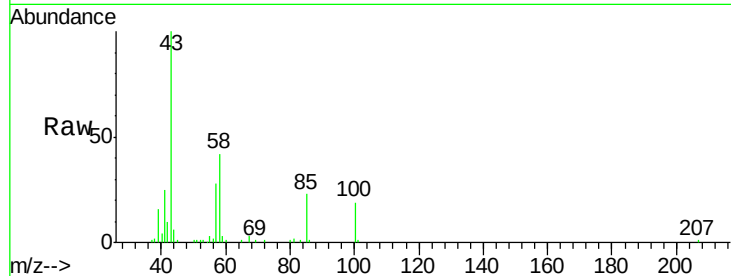
DRUM-COMP-1-AU

Tot Ion: 43 Resp: 21621

Ion Ratio Lower Upper

43 100

58 42.5 35.0 52.4



#52

Toluene

Concen: 0.705 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019346.D

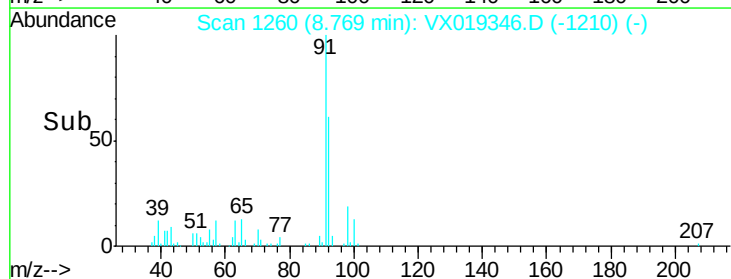
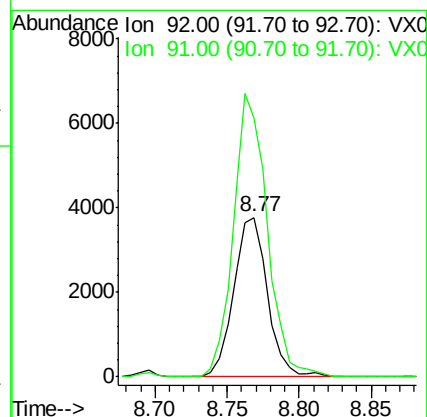
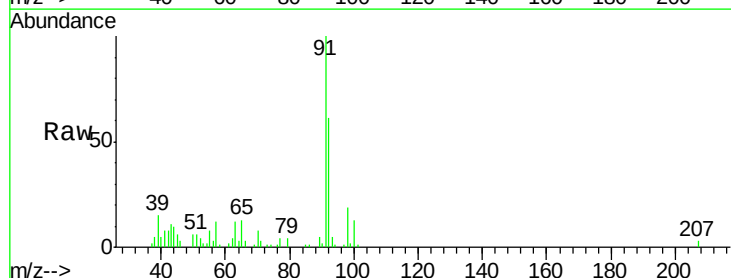
Acq: 06 Nov 2020 16:51

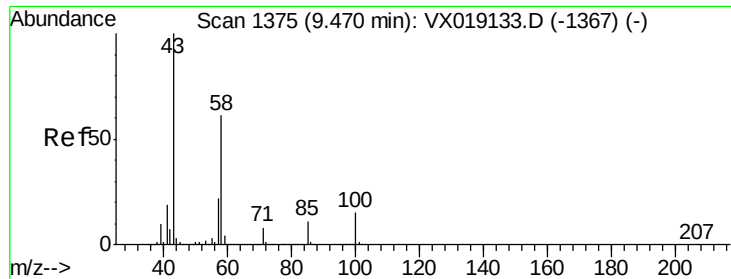
Tgt Ion: 92 Resp: 6173

Ion Ratio Lower Upper

92 100

91 177.8 136.3 204.5

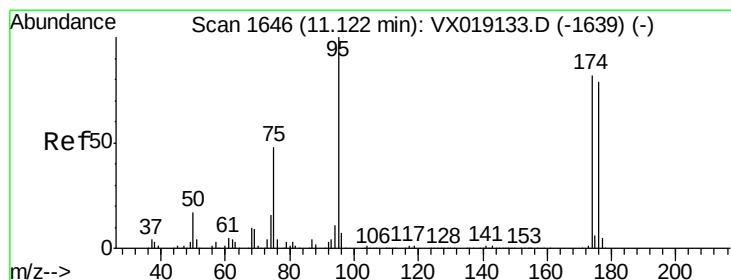
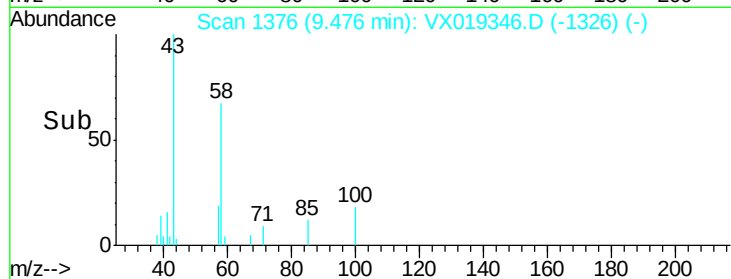
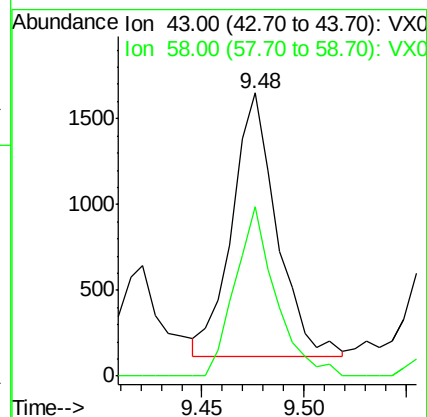
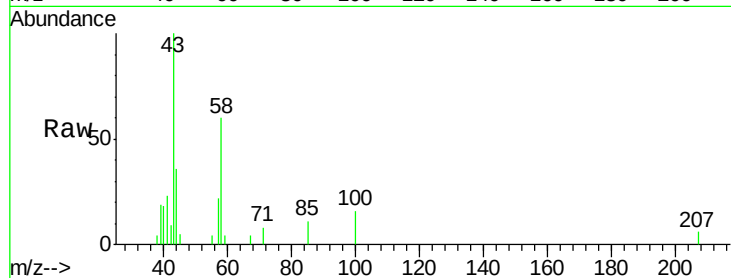




#59
2-Hexanone
Concen: 0.715 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019346.D
Acq: 06 Nov 2020 16:51

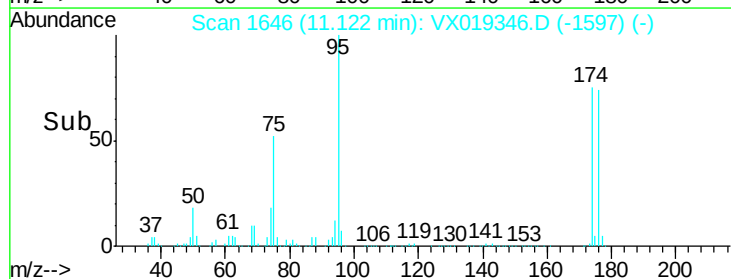
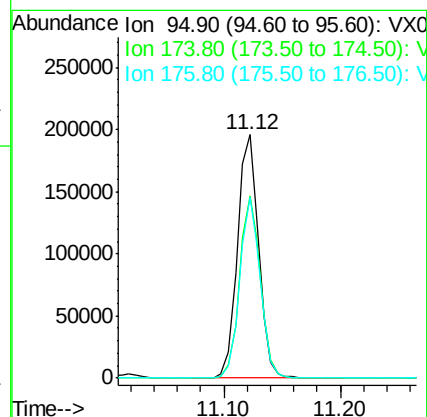
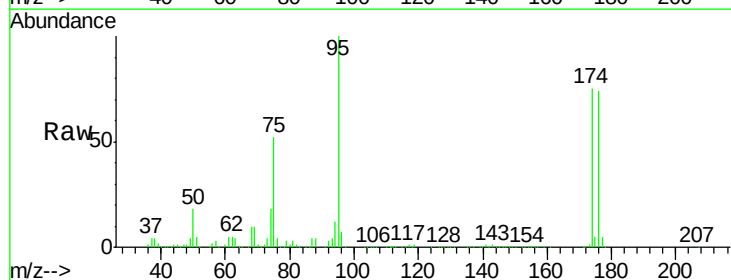
Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP-1-AU

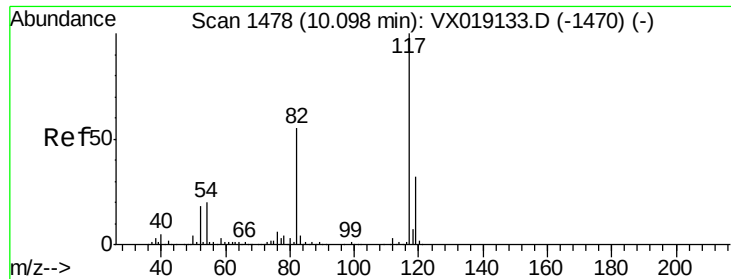
Tot Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
58 58.7 30.5 91.5



#62
4-Bromofluorobenzene
Concen: 53.296 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019346.D
Acq: 06 Nov 2020 16:51

Tgt Ion: 95 Resp: 248171
Ion Ratio Lower Upper
95 100
174 73.3 0.0 156.0
176 71.6 0.0 149.8

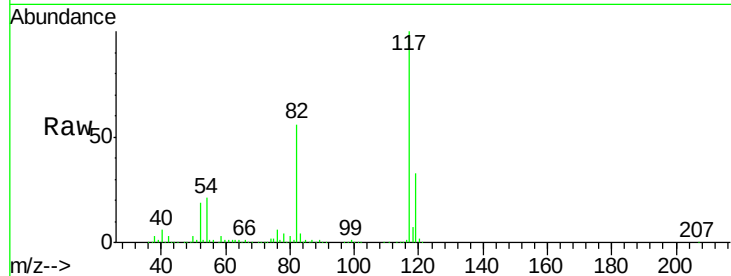




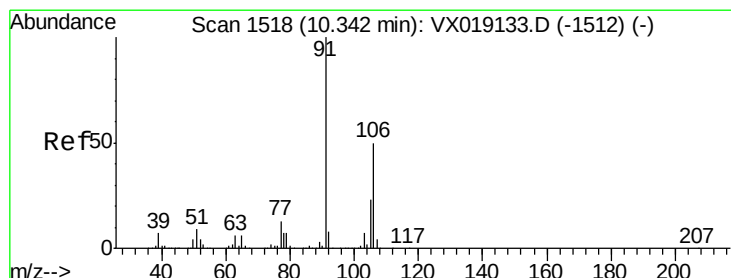
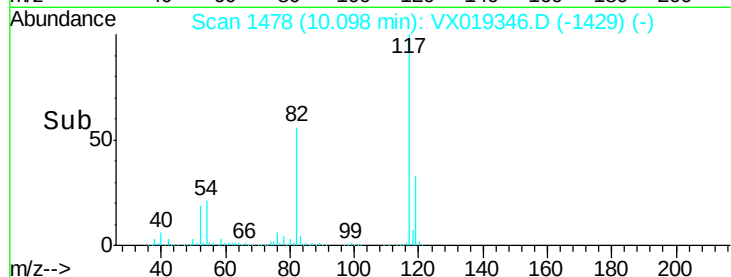
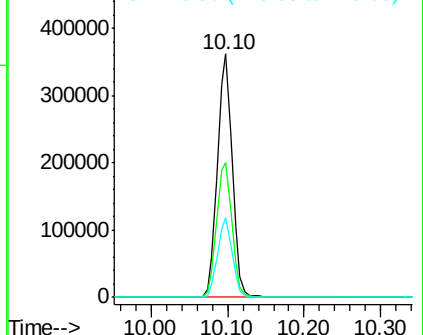
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019346.D
Acq: 06 Nov 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP-1-AU

Tot Ion:117 Resp: 485822
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 32.6 25.5 38.3

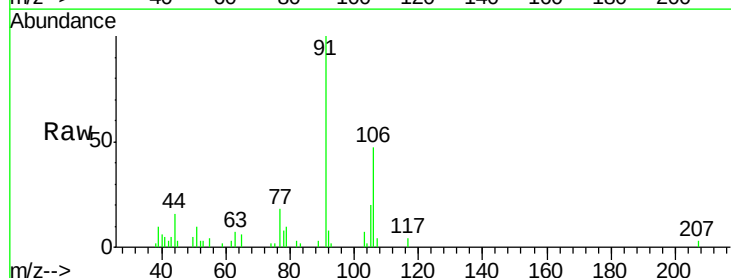


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

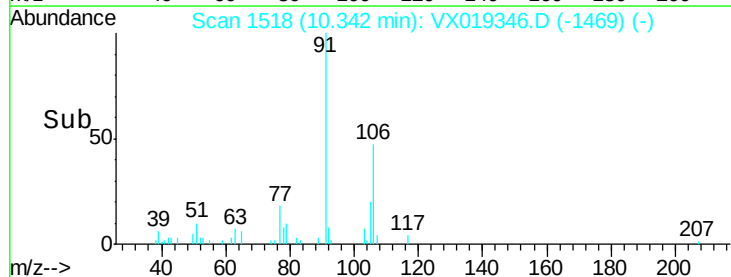
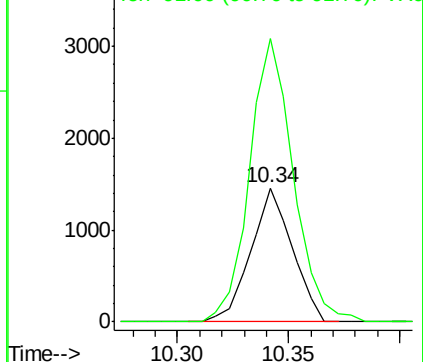


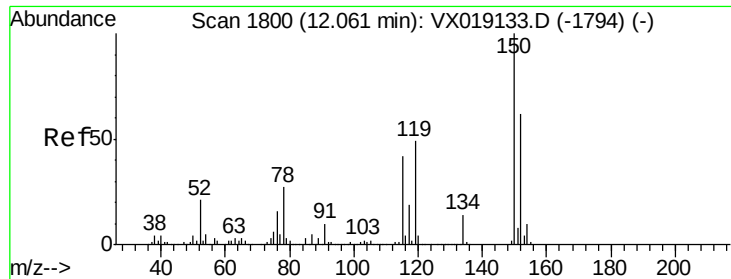
#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019346.D
Acq: 06 Nov 2020 16:51

Tgt Ion:106 Resp: 1889
Ion Ratio Lower Upper
106 100
91 223.6 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019346.D

Acq: 06 Nov 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

DRUM-COMP-1-AU

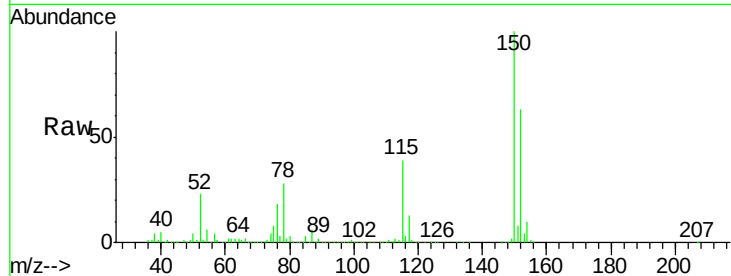
Tot Ion:152 Resp: 250616

Ion Ratio Lower Upper

152 100

115 61.1 41.9 125.7

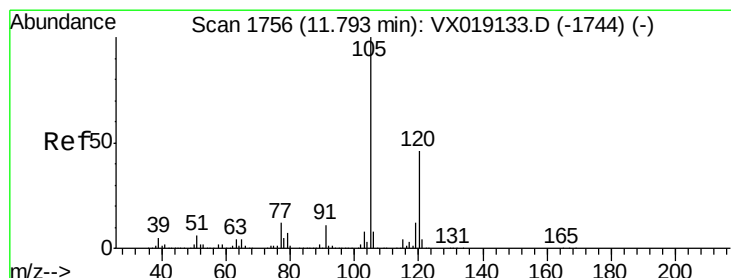
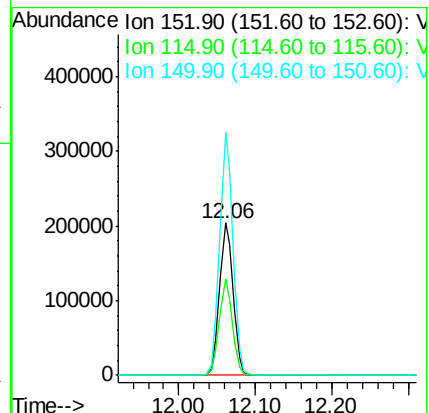
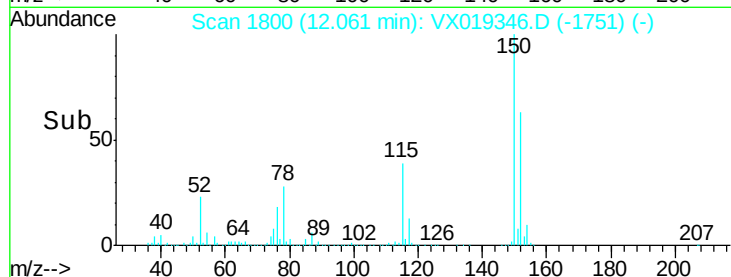
150 156.2 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 0.251 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019346.D

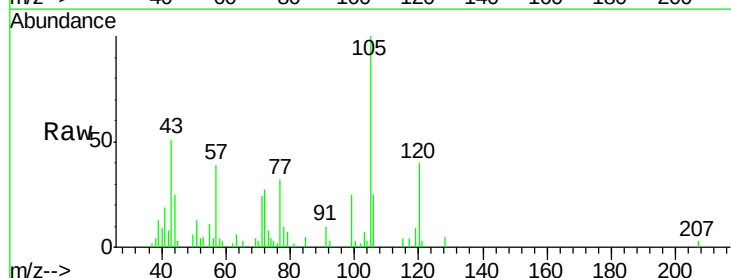
Acq: 06 Nov 2020 16:51

Tgt Ion:105 Resp: 3801

Ion Ratio Lower Upper

105 100

120 35.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

