

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016343.D
 Acq On : 19 May 2020 18:27
 Operator : JC/SP
 Sample : L2663-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1366

Quant Time: May 20 07:33:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180507	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	134226	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
35) Dibromofluoromethane	5.47	113	110304	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
50) Toluene-d8	8.70	98	460351	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	184067	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	

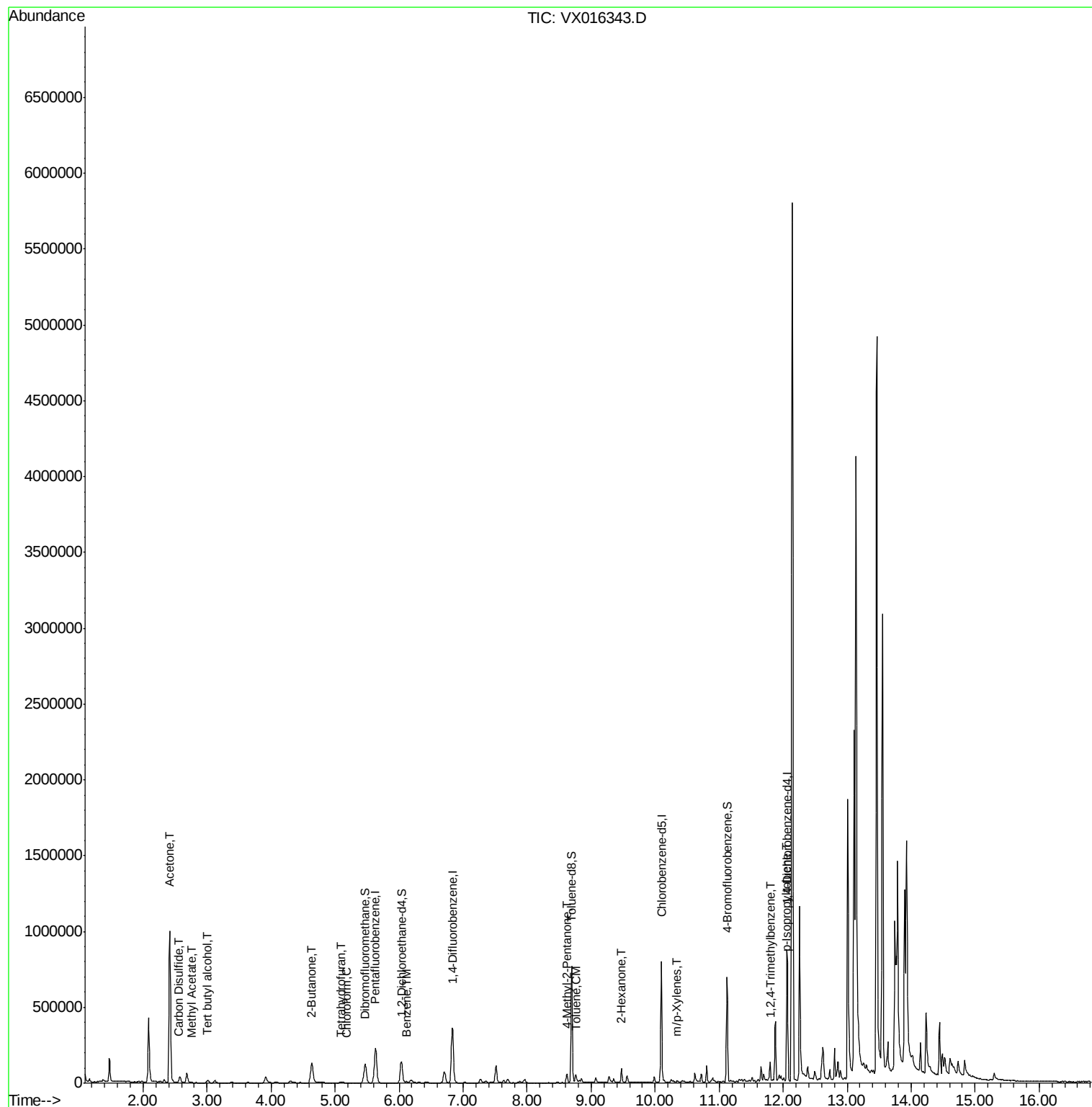
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	24519	32.613	ug/l	98
16) Acetone	2.42	43	1008789	760.443	ug/l	94
17) Carbon Disulfide	2.55	76	5744	0.610	ug/l #	88
18) Methyl Acetate	2.75	43	2142	0.657	ug/l	94
25) 2-Butanone	4.64	43	232435	108.733	ug/l	97
29) Tetrahydrofuran	5.10	42	2339	1.651	ug/l #	91
30) Chloroform	5.18	83	1348	0.298	ug/l	99
40) Benzene	6.12	78	9814	0.901	ug/l #	89
51) 4-Methyl-2-Pentanone	8.62	43	34538	8.200	ug/l	96
52) Toluene	8.77	92	5190	0.765	ug/l	97
59) 2-Hexanone	9.48	43	47862	14.470	ug/l	93
68) m/p-Xylenes	10.34	106	2349	0.458	ug/l	92
84) 1,2,4-Trimethylbenzene	11.79	105	5473	0.488	ug/l #	60
86) p-Isopropyltoluene	12.05	119	18996	1.586	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

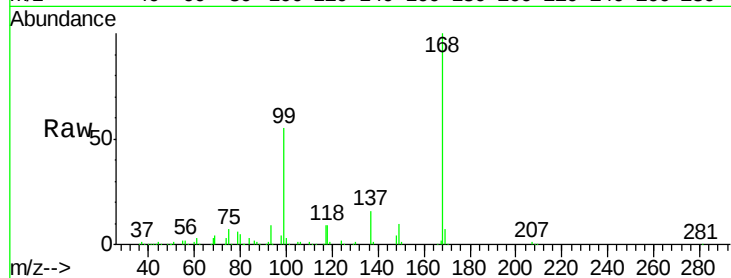
1366

Tot Ion:168 Resp: 225939

Ion Ratio Lower Upper

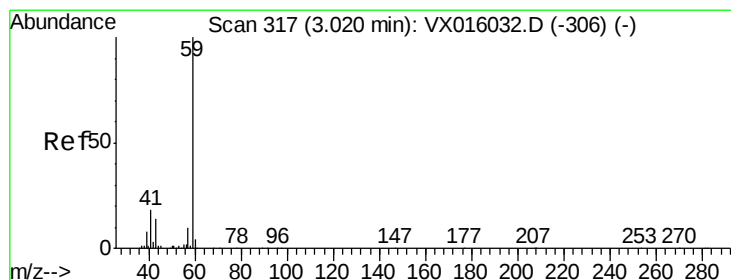
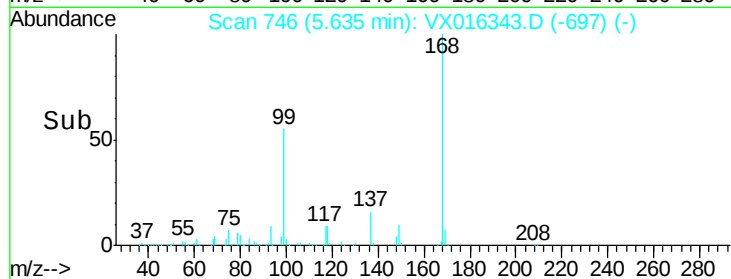
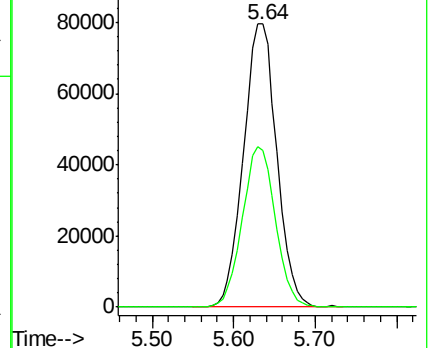
168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 32.613 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016343.D

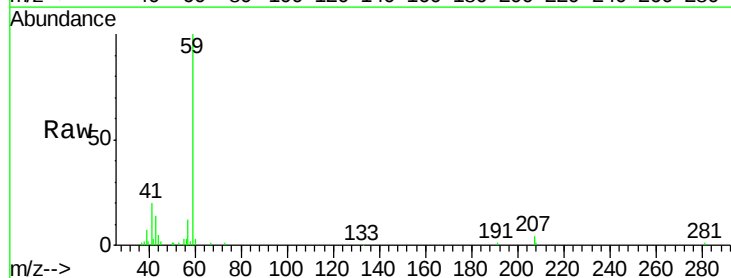
Acq: 19 May 2020 18:27

Tgt Ion: 59 Resp: 24519

Ion Ratio Lower Upper

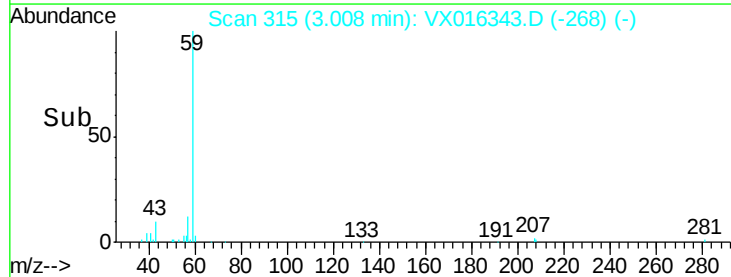
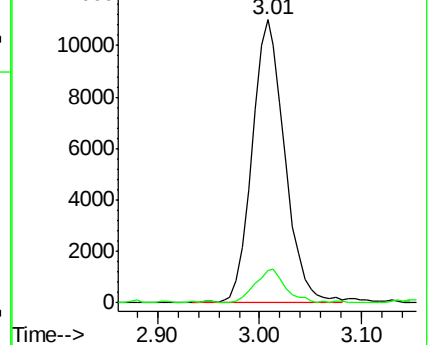
59 100

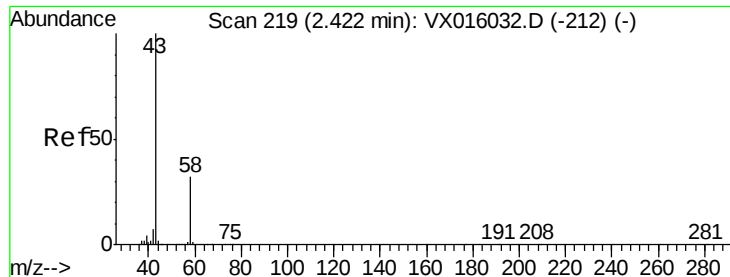
57 11.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 760.443 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

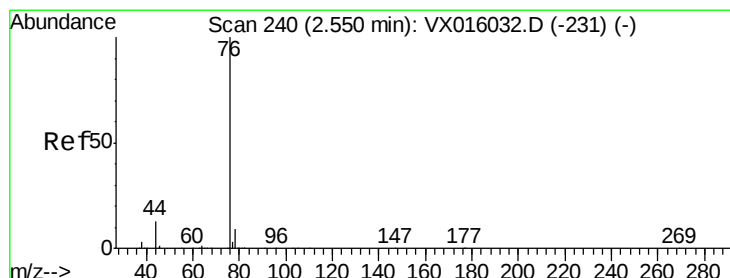
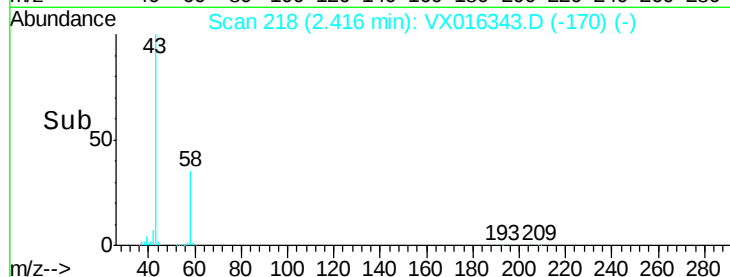
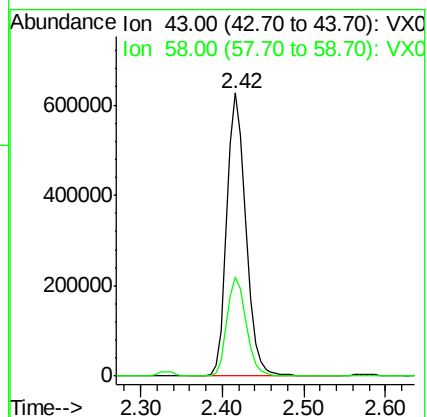
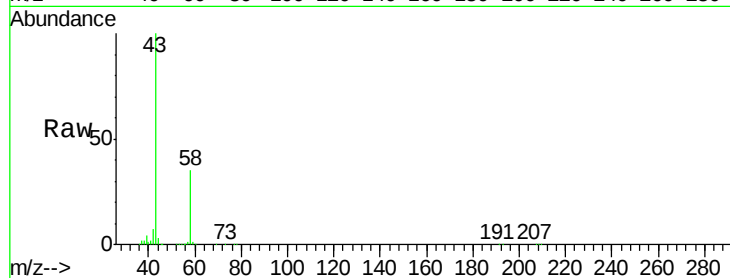
1366

Tot Ion: 43 Resp: 1008789

Ion Ratio Lower Upper

43 100

58 35.1 25.4 38.0



#17

Carbon Disulfide

Concen: 0.610 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016343.D

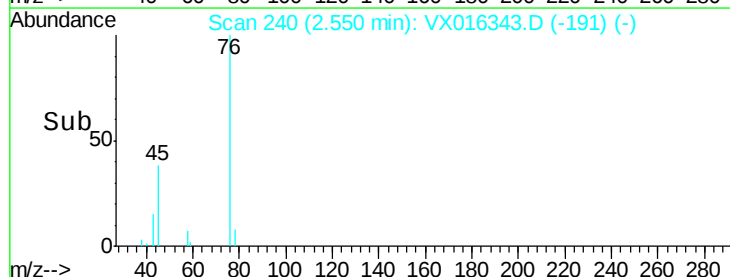
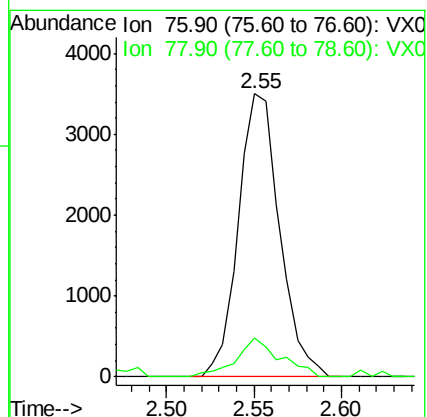
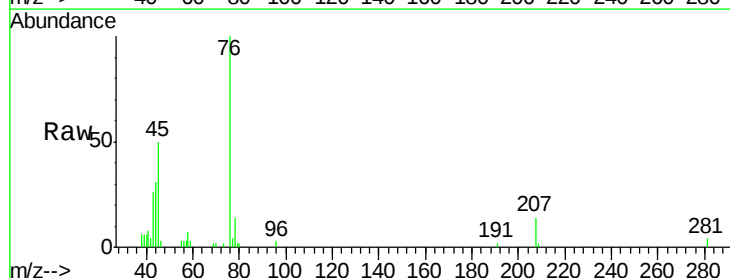
Acq: 19 May 2020 18:27

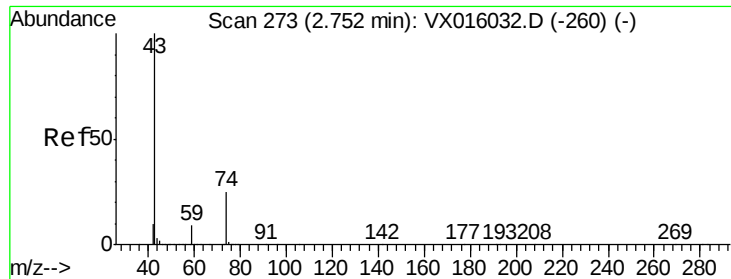
Tgt Ion: 76 Resp: 5744

Ion Ratio Lower Upper

76 100

78 13.9 7.5 11.3#

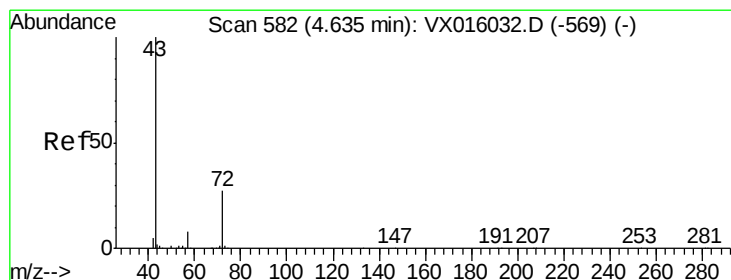
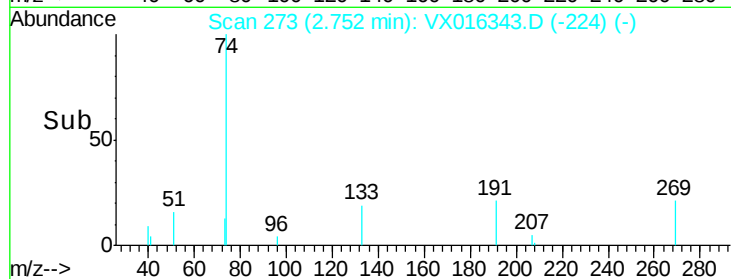
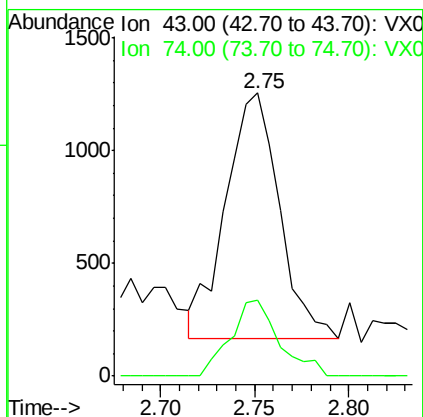
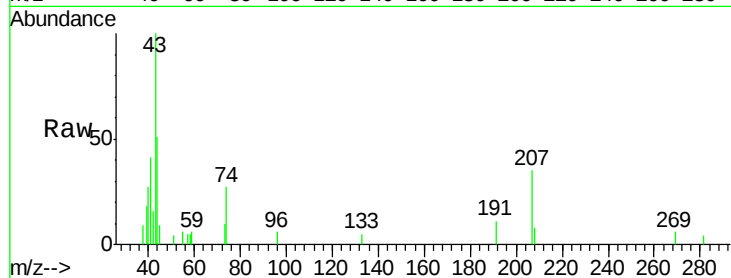




#18
Methvl Acetate
Concen: 0.657 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

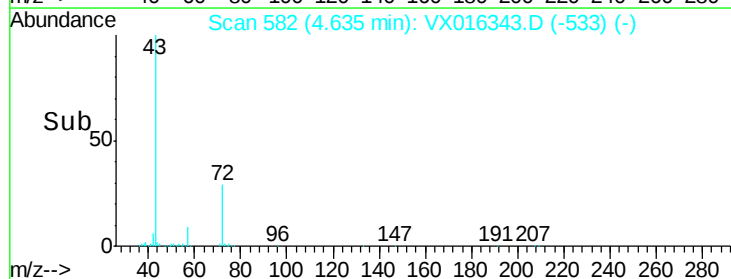
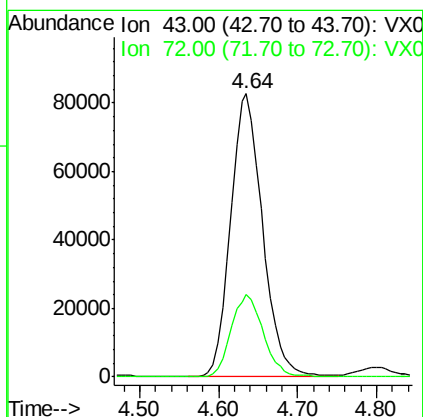
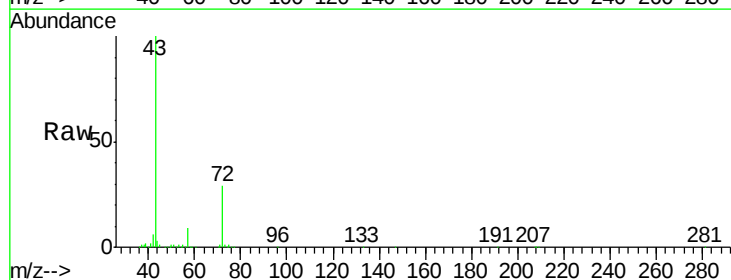
Instrument :
MSVOA_X
ClientSampled :
1366

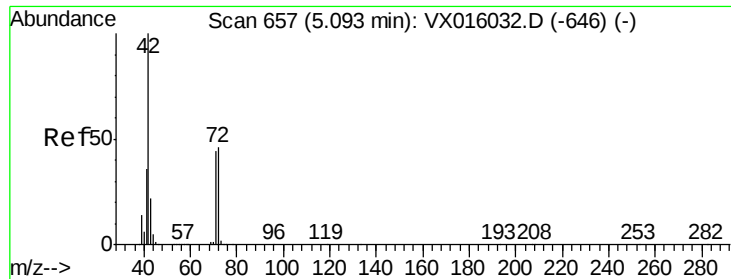
Tot Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
74 28.2 20.2 30.2



#25
2-Butanone
Concen: 108.733 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 43 Resp: 232435
Ion Ratio Lower Upper
43 100
72 29.1 21.8 32.8

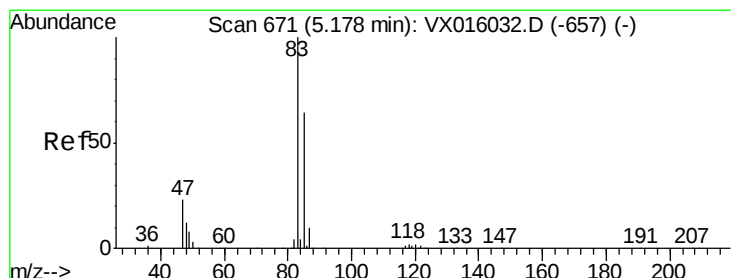
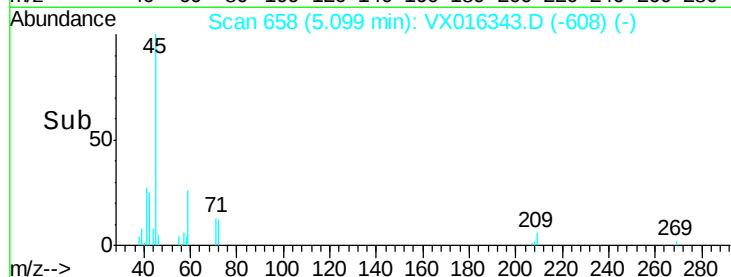
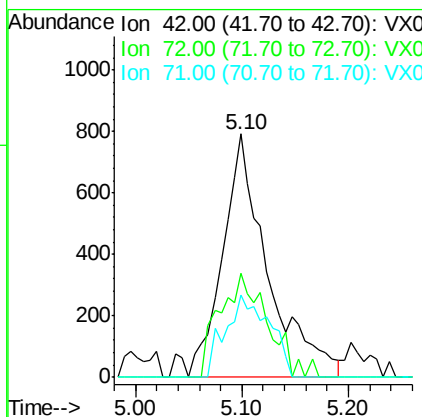
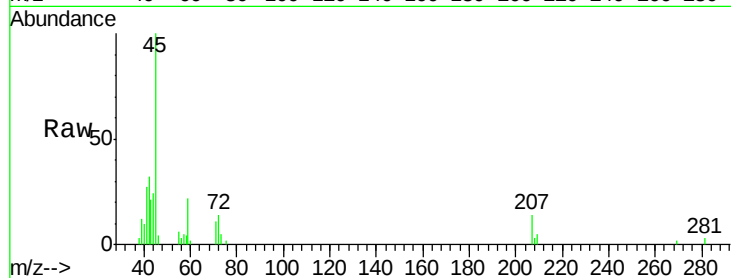




#29
Tetrahydrofuran
Concen: 1.651 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

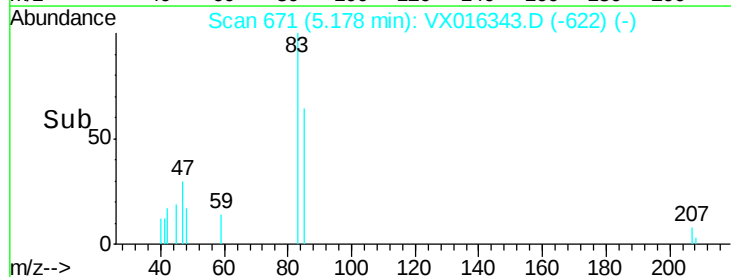
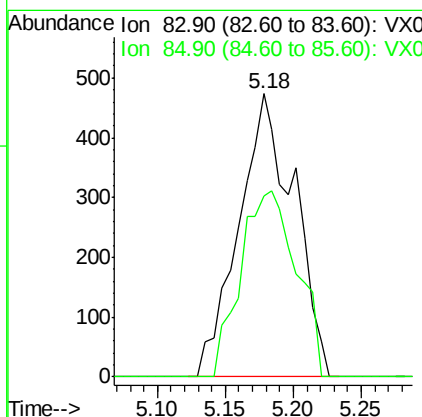
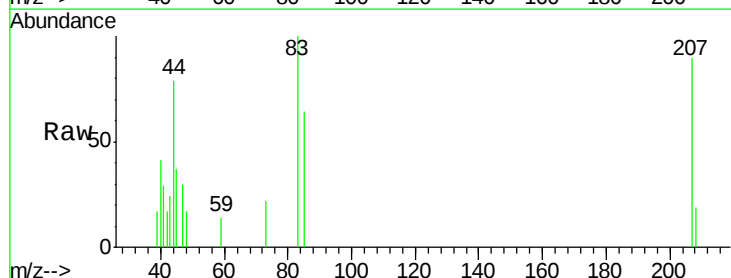
Instrument :
MSVOA_X
ClientSampled :
1366

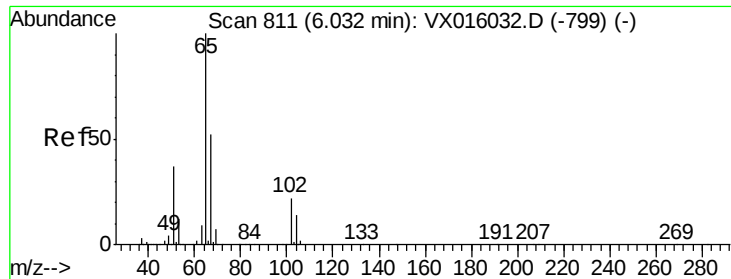
Tot Ion: 42 Resp: 2339
Ion Ratio Lower Upper
42 100
72 45.3 37.1 55.7
71 32.8 34.5 51.7#



#30
Chloroform
Concen: 0.298 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 83 Resp: 1348
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 45.146 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

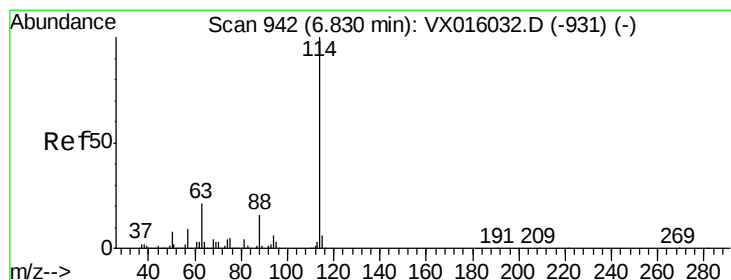
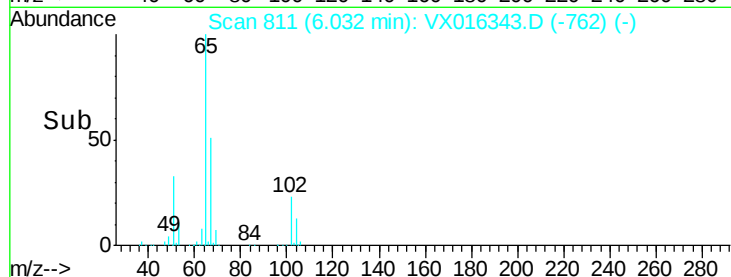
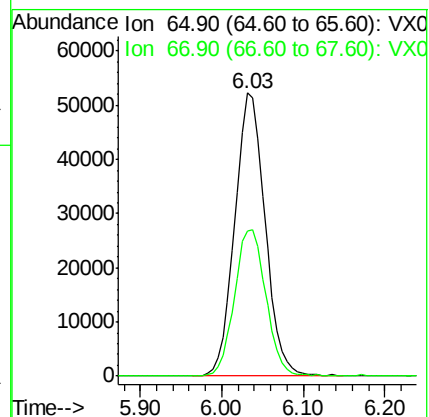
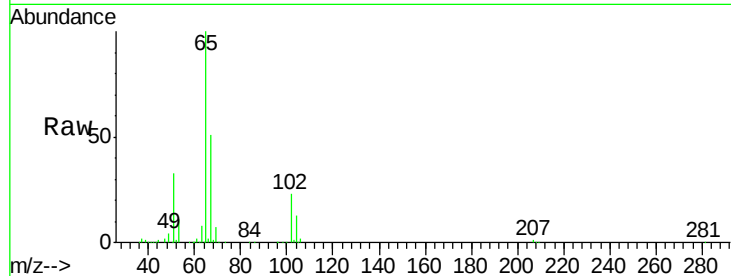
1366

Tot Ion: 65 Resp: 134226

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

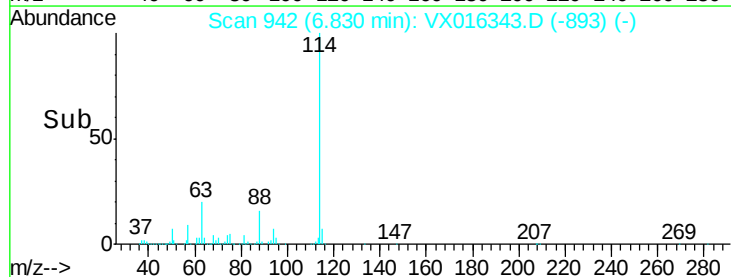
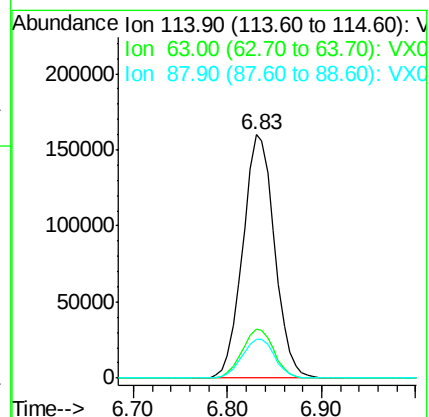
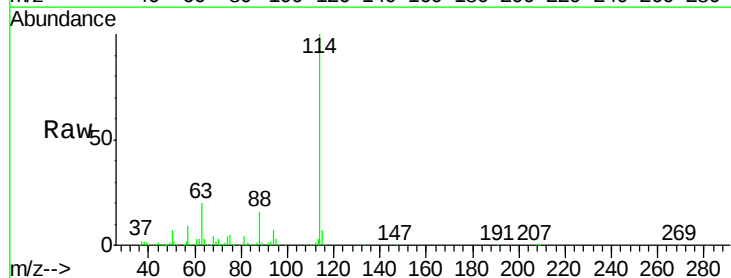
Tgt Ion: 114 Resp: 378100

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.2 0.0 31.4

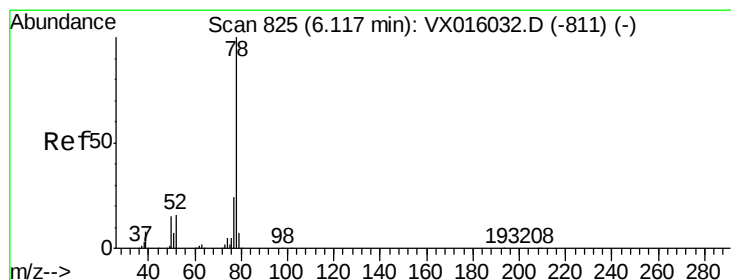
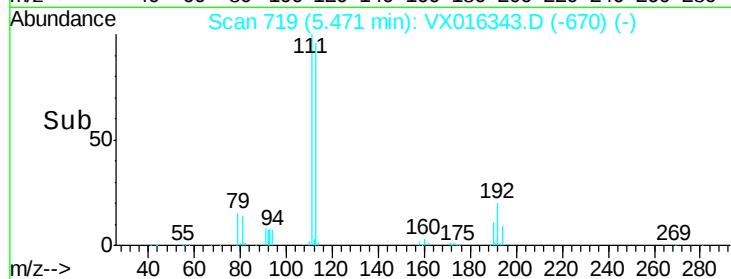
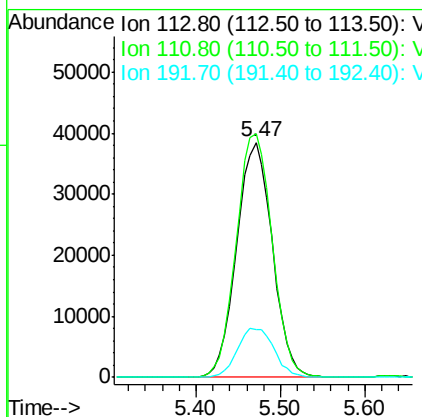
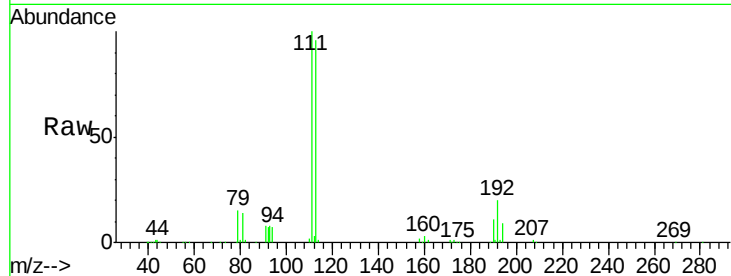




#35
 Dibromofluoromethane
 Concen: 46.048 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

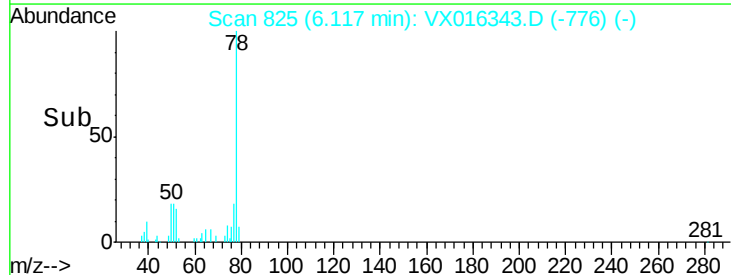
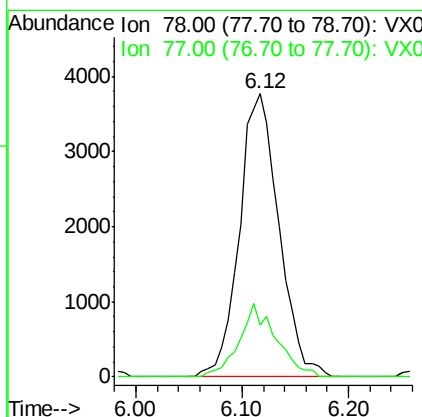
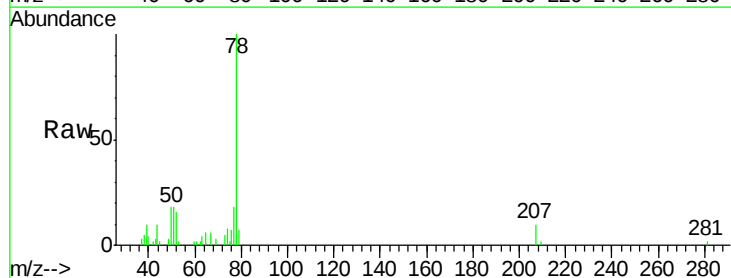
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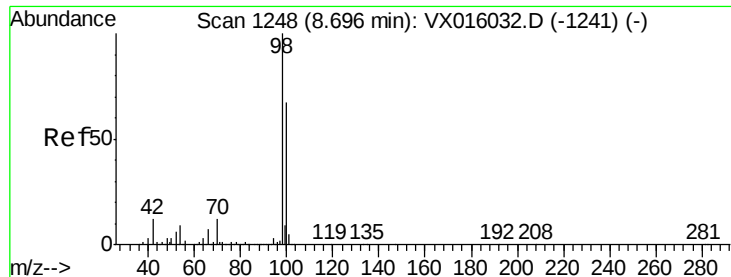
Tot Ion:113 Resp: 110304
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.6 122.4
 192 21.6 17.0 25.4



#40
 Benzene
 Concen: 0.901 ug/l
 RT: 6.12 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

Tgt Ion: 78 Resp: 9814
 Ion Ratio Lower Upper
 78 100
 77 18.4 19.0 28.4#

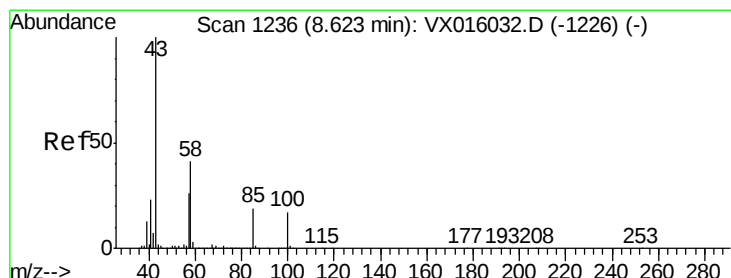
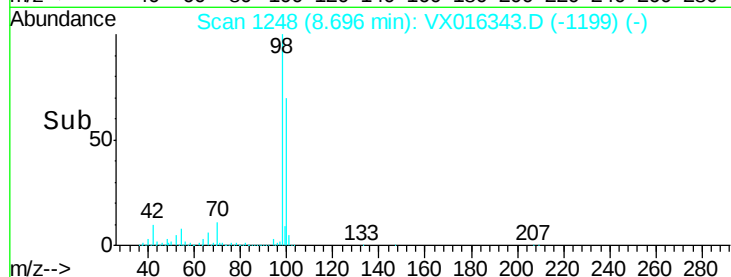
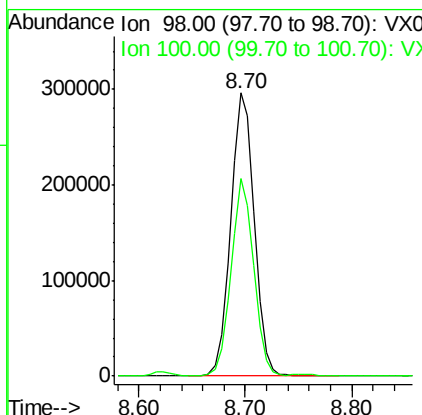
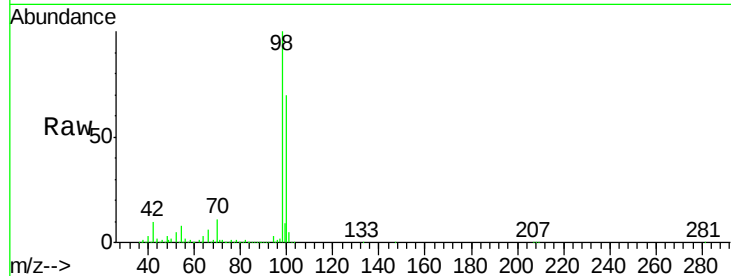




#50
Toluene-d8
Concen: 49.877 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

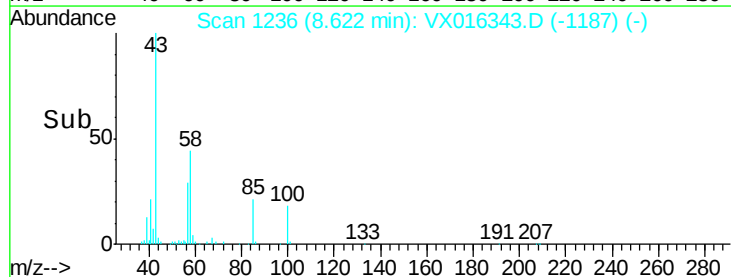
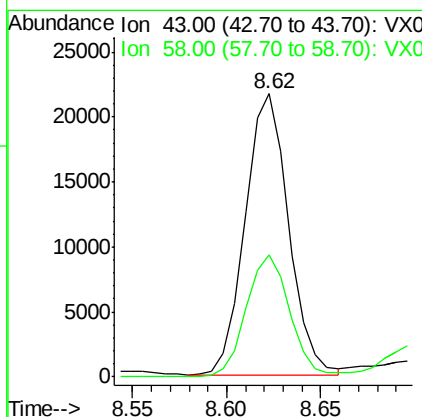
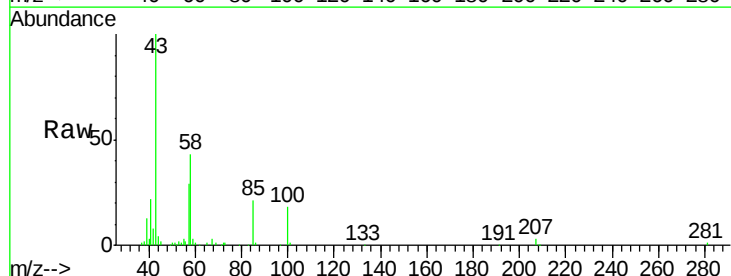
Instrument :
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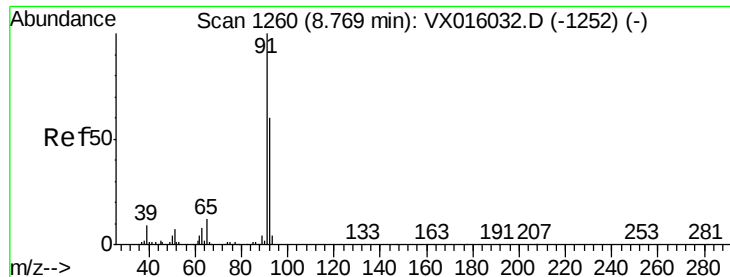
Tot Ion: 98 Resp: 460351
Ion Ratio Lower Upper
98 100
100 66.6 53.7 80.5



#51
4-Methyl-2-Pentanone
Concen: 8.200 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 43 Resp: 34538
Ion Ratio Lower Upper
43 100
58 43.5 33.0 49.4





#52

Toluene

Concen: 0.765 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

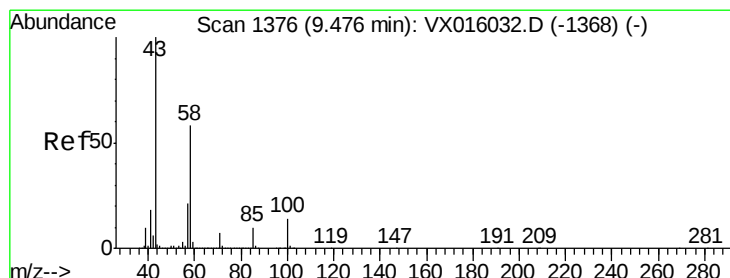
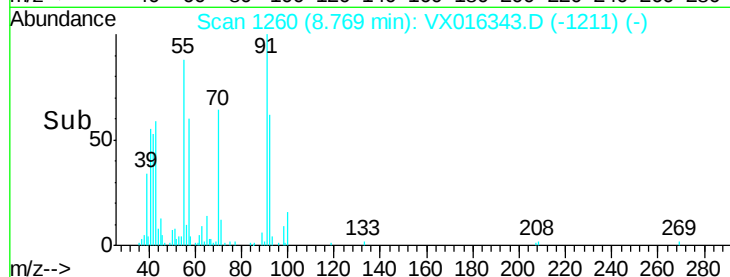
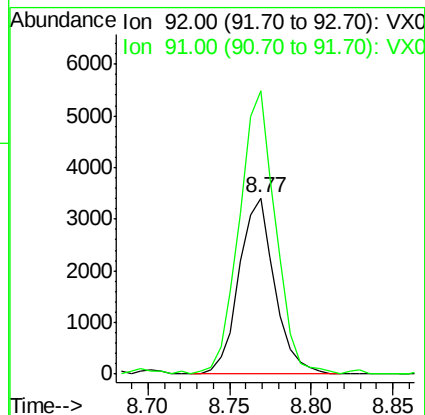
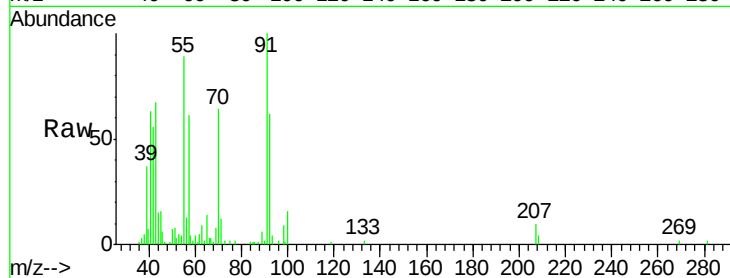
1366

Tot Ion: 92 Resp: 5190

Ion Ratio Lower Upper

92 100

91 164.3 134.5 201.7



#59

2-Hexanone

Concen: 14.470 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016343.D

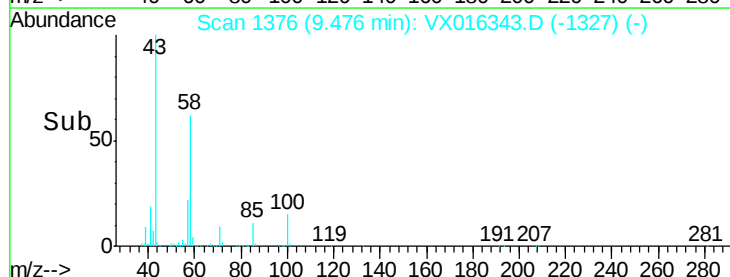
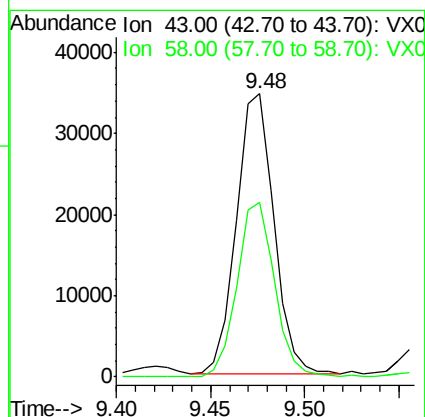
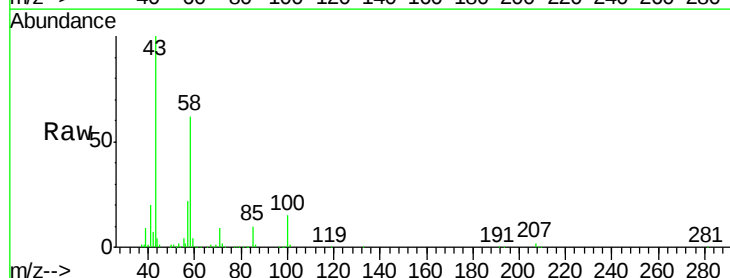
Acq: 19 May 2020 18:27

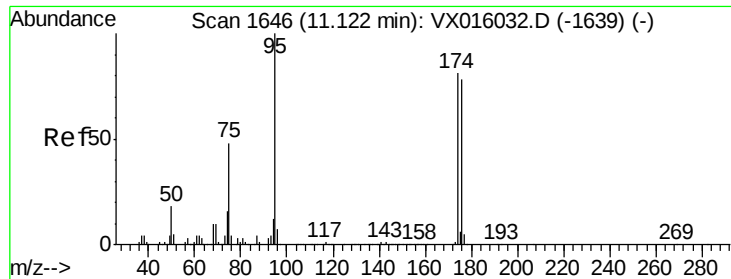
Tgt Ion: 43 Resp: 47862

Ion Ratio Lower Upper

43 100

58 62.4 28.6 85.9





#62

4-Bromofluorobenzene

Concen: 52.432 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

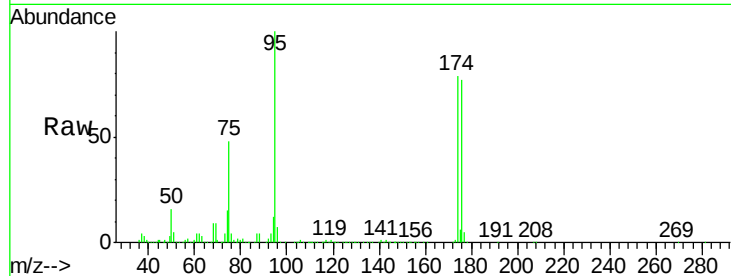
Tot Ion: 95 Resp: 184067

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

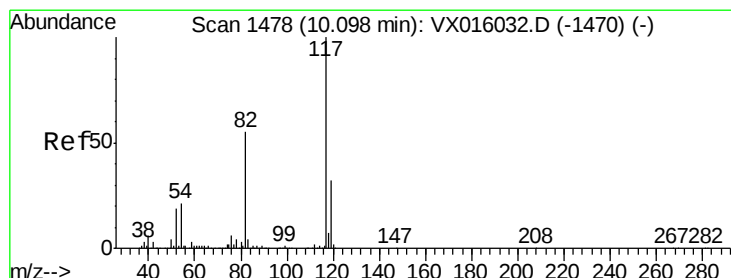
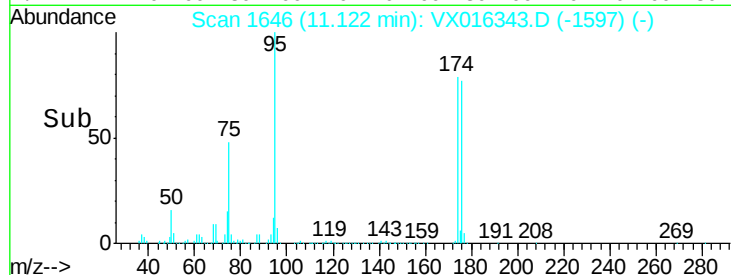
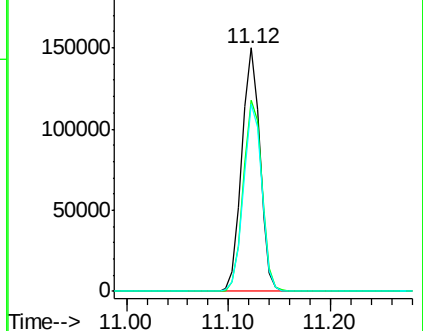
176 77.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016343.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016343.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016343.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

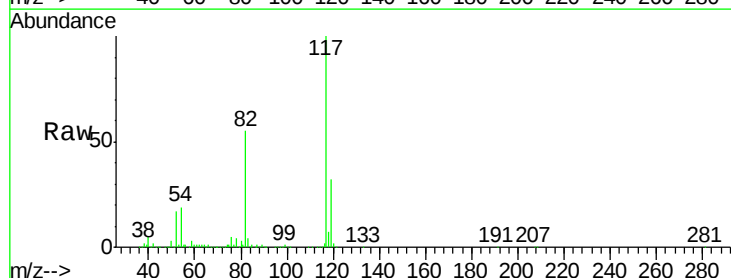
Tgt Ion: 117 Resp: 366794

Ion Ratio Lower Upper

117 100

82 54.6 44.4 66.6

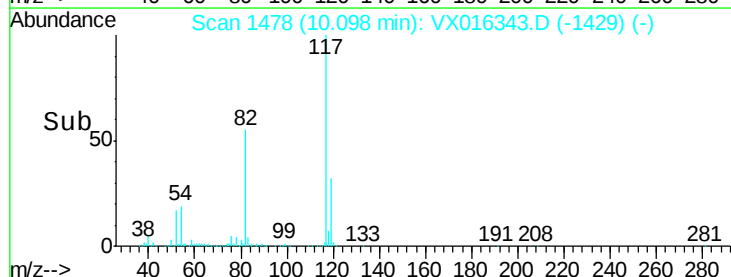
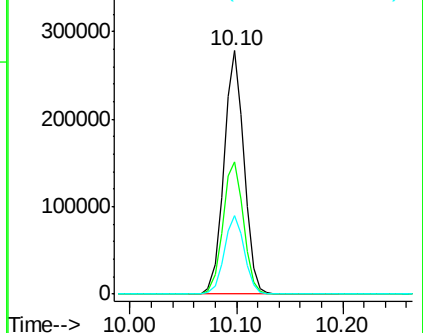
119 32.0 25.5 38.3

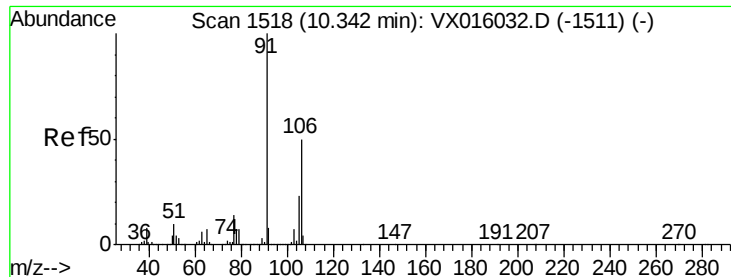


Abundance Ion 116.90 (116.60 to 117.60): VX016343.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016343.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016343.D (-1429) (-)





#68

m/p-Xvlenes

Concen: 0.458 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

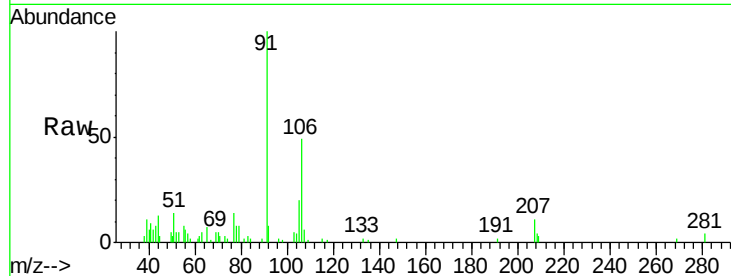
1366

Tot Ion:106 Resp: 2349

Ion Ratio Lower Upper

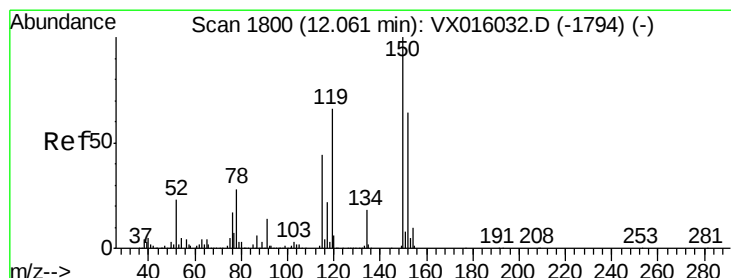
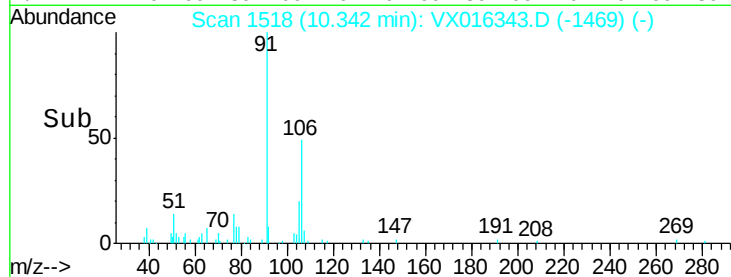
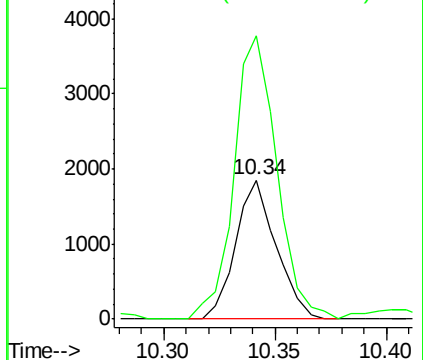
106 100

91 214.9 161.7 242.5



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: VX016343.D

Acq: 19 May 2020 18:27

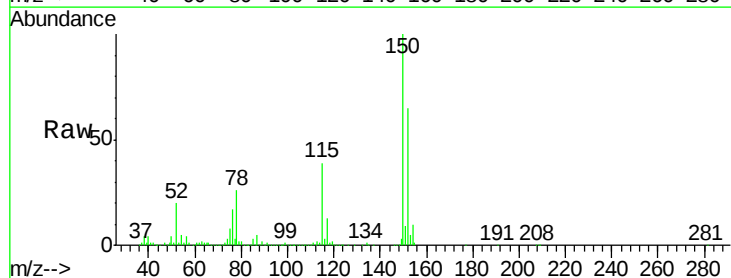
Tgt Ion:152 Resp: 180507

Ion Ratio Lower Upper

152 100

115 60.5 41.3 124.1

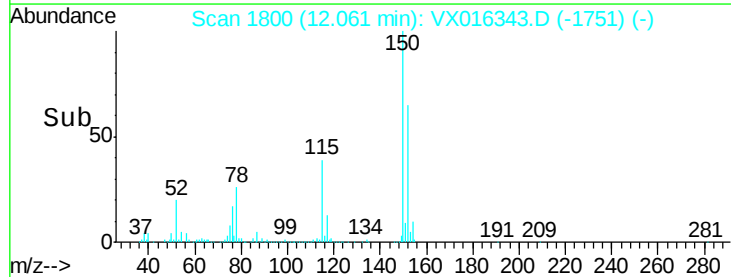
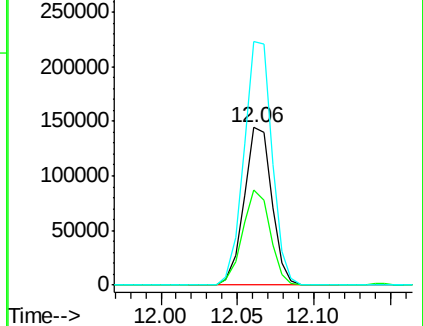
150 156.7 0.0 352.2

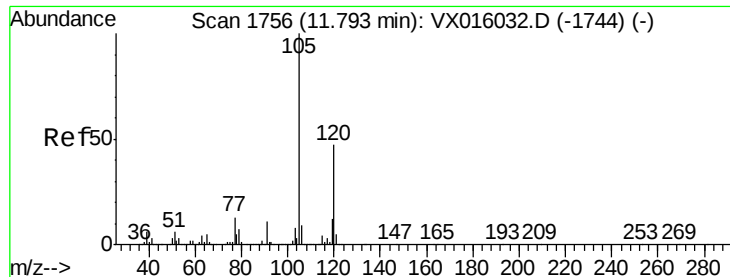


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

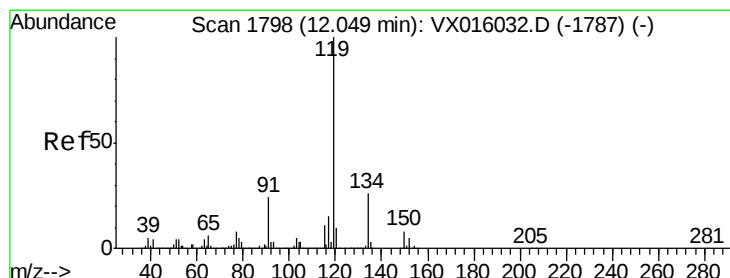
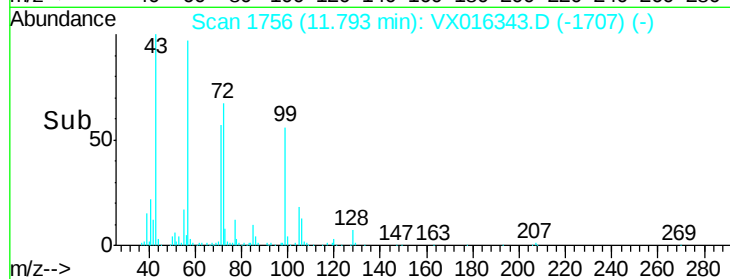
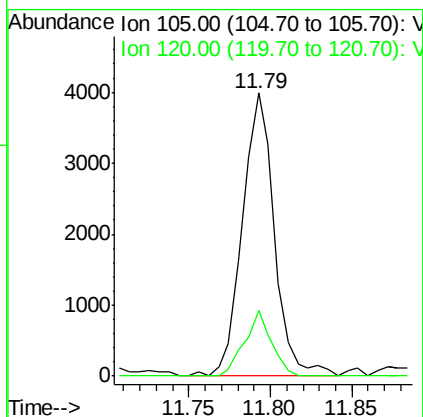
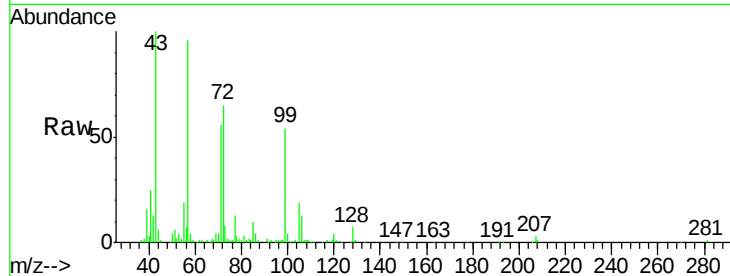




#84
 1,2,4-Trimethylbenzene
 Concen: 0.488 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 1366

Tot Ion:105 Resp: 5473
 Ion Ratio Lower Upper
 105 100
 120 19.3 23.0 69.0#



#86
 p-Isopropyltoluene
 Concen: 1.586 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

Tgt Ion:119 Resp: 18996
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 27.4 11.8 35.4

