

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019602.D
 Acq On : 24 Nov 2020 13:58
 Operator : JC/MD
 Sample : L4840-06 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30738

Quant Time: Nov 25 10:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	306523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191587	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	187800	47.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.50%	
35) Dibromofluoromethane		5.46	113	148041	46.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.36%	
50) Toluene-d8		8.70	98	606721	49.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.46%	
62) 4-Bromofluorobenzene		11.12	95	212875	48.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.02%	

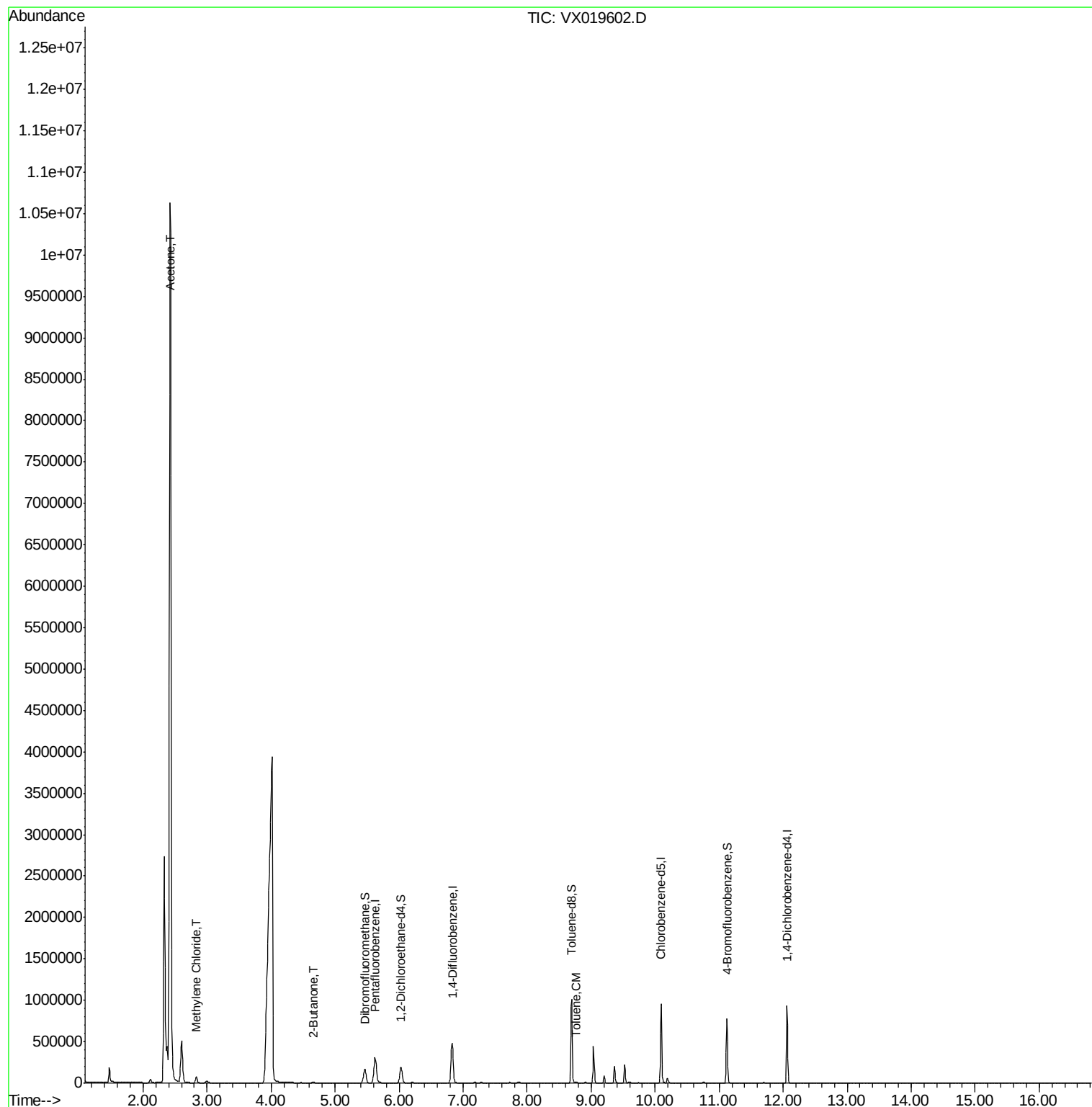
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	11196505	7284.909	ug/l	91
20) Methylene Chloride	2.83	84	35116	9.141	ug/l	97
25) 2-Butanone	4.65	43	5279	2.286	ug/l	99
52) Toluene	8.76	92	3822	0.429	ug/l	95

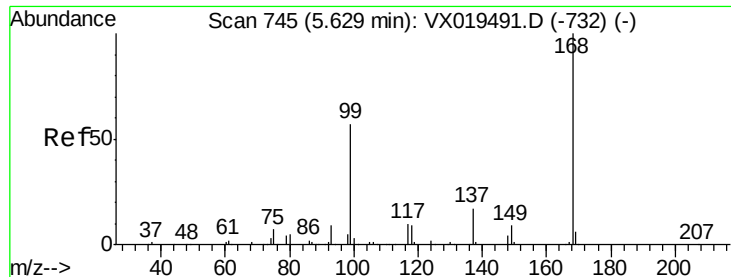
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
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: VX019602.D

Acq: 24 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

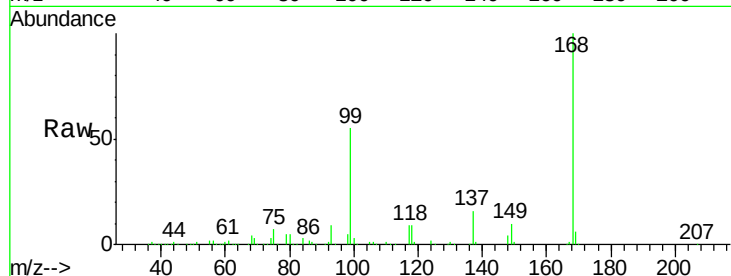
30738

Tot Ion:168 Resp: 306523

Ion Ratio Lower Upper

168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

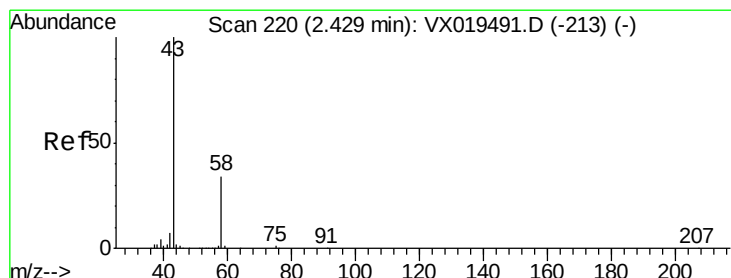
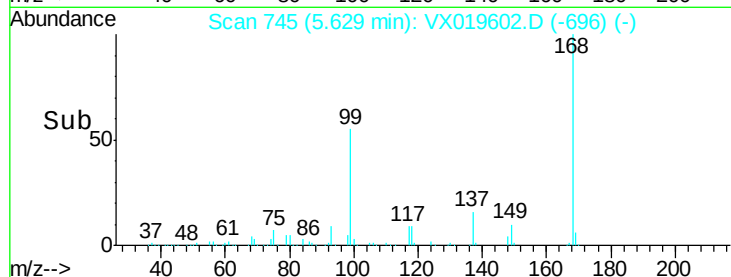
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7284.909 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019602.D

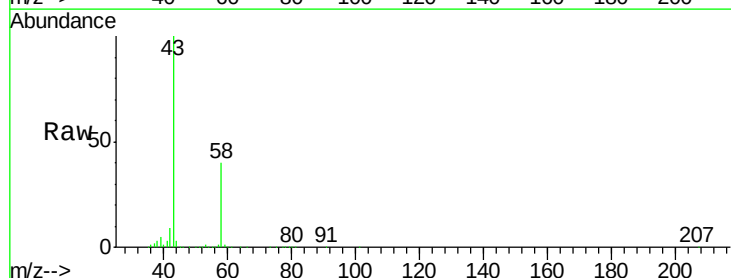
Acq: 24 Nov 2020 13:58

Tgt Ion: 43 Resp:11196505

Ion Ratio Lower Upper

43 100

58 39.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

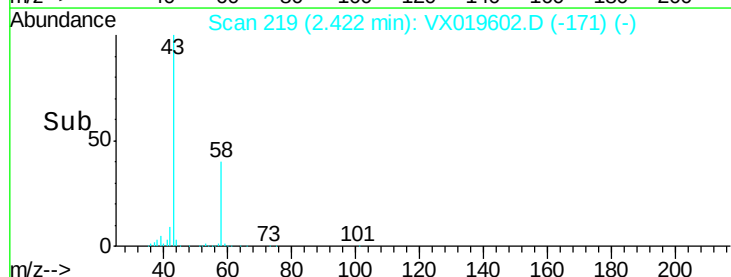
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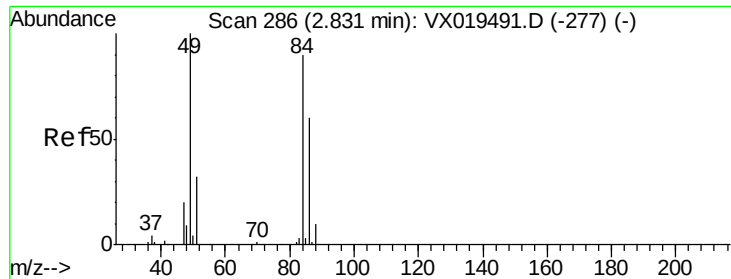
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Time-->

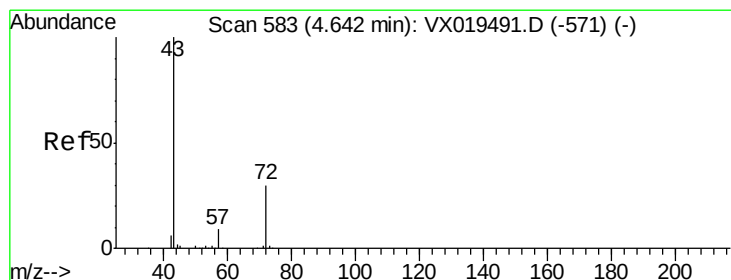
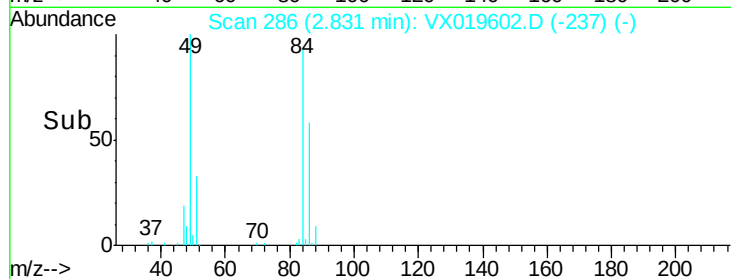
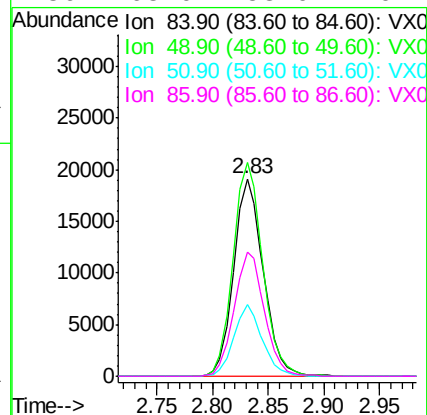
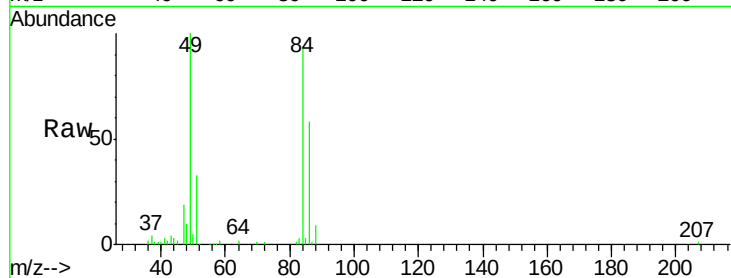




#20
Methvlene Chloride
Concen: 9.141 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019602.D
Acq: 24 Nov 2020 13:58

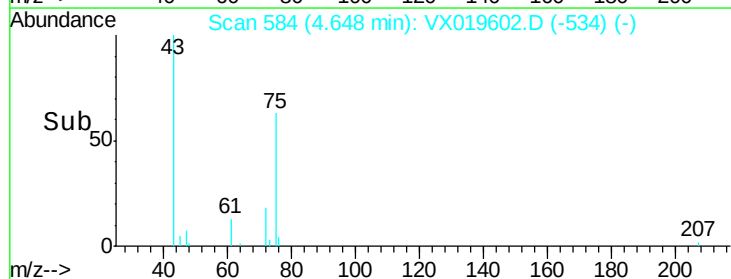
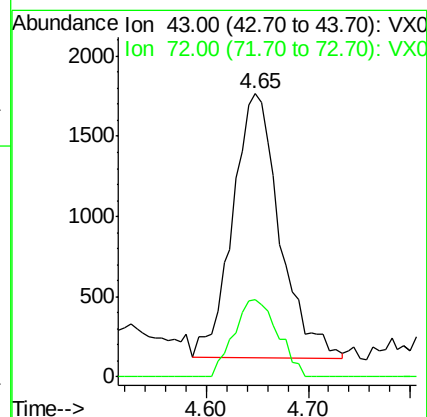
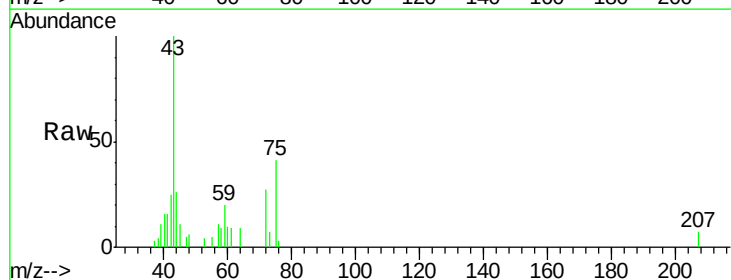
Instrument :
MSVOA_X
ClientSampled :
30738

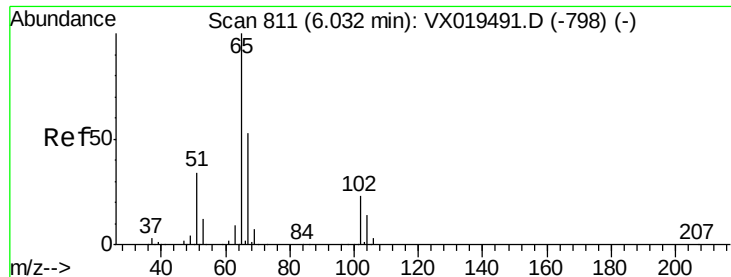
Tot Ion:	84	Resp:	35116
Ion	Ratio	Lower	Upper
84	100		
49	108.0	88.5	132.7
51	36.0	28.0	42.0
86	63.0	53.0	79.4



#25
2-Butanone
Concen: 2.286 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019602.D
Acq: 24 Nov 2020 13:58

Tgt Ion:	43	Resp:	5279
Ion	Ratio	Lower	Upper
43	100		
72	29.5	24.0	36.0





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019602.D

Acq: 24 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

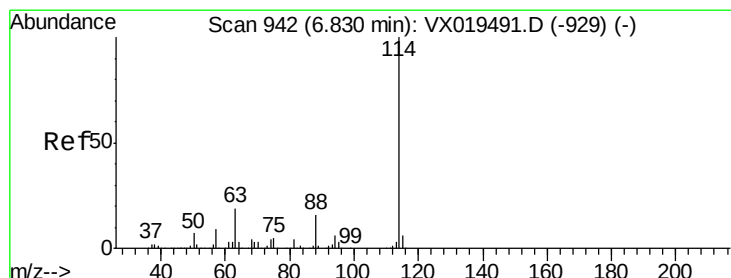
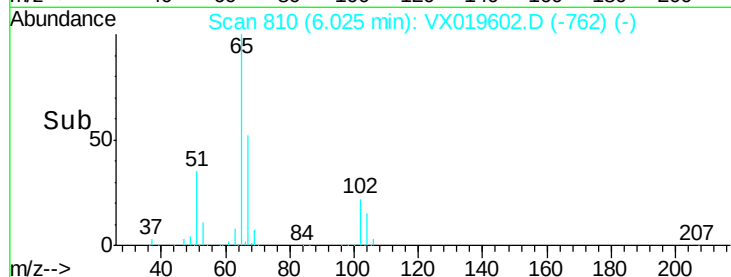
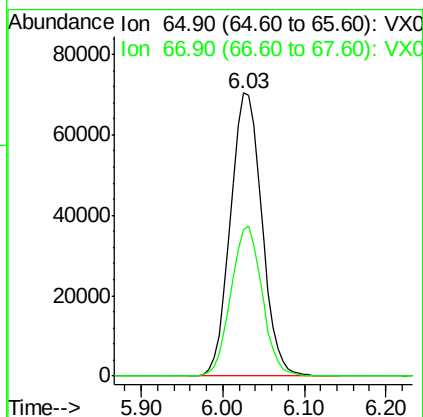
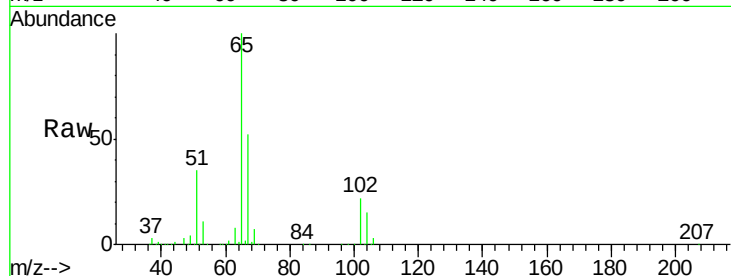
30738

Tot Ion: 65 Resp: 187800

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019602.D

Acq: 24 Nov 2020 13:58

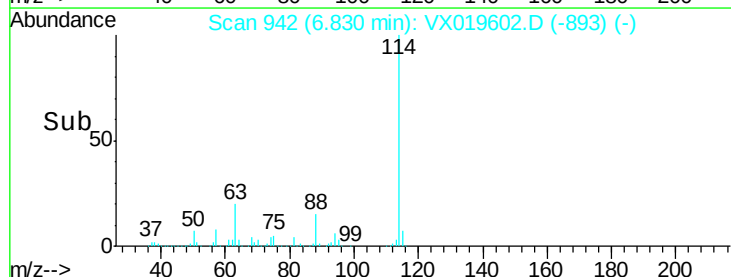
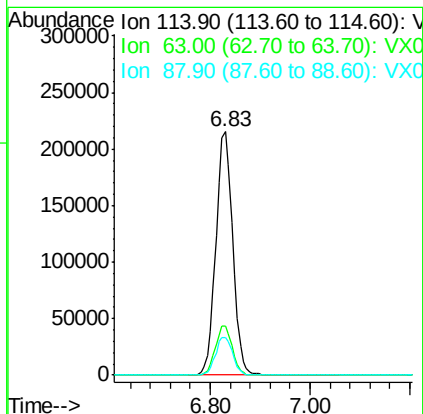
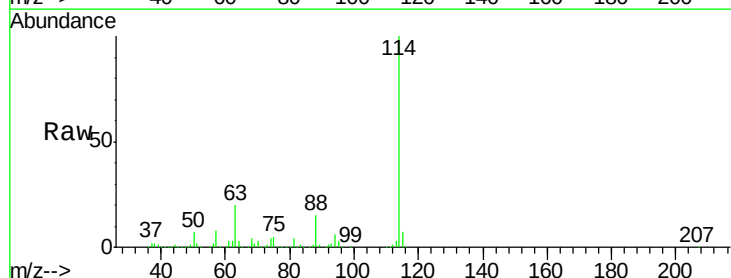
Tgt Ion: 114 Resp: 505253

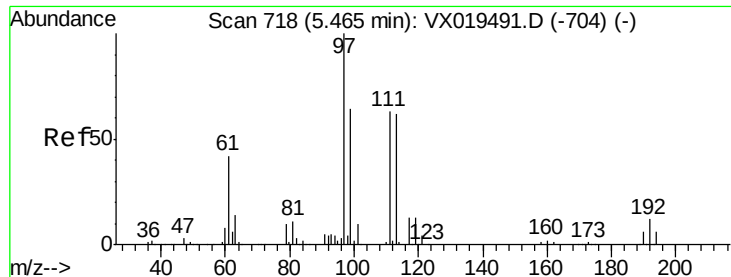
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

88 15.5 0.0 31.6

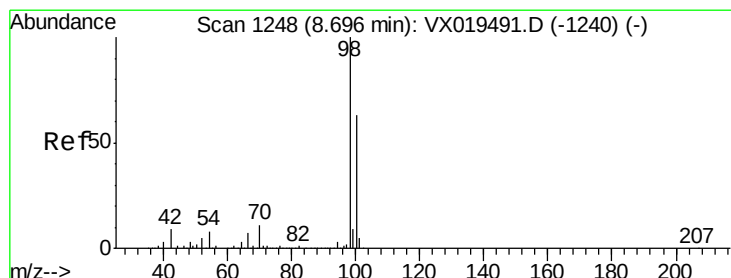
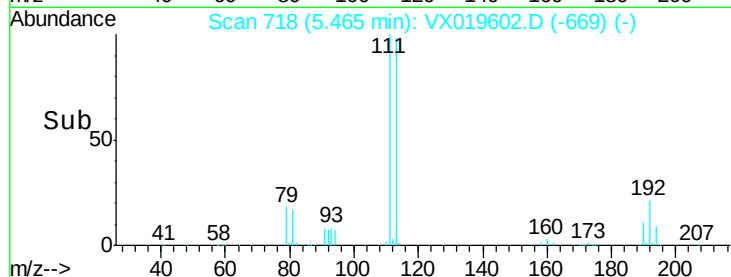
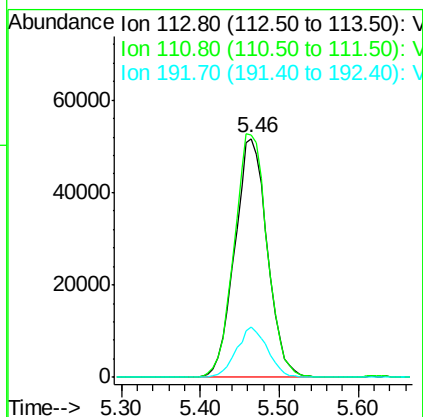
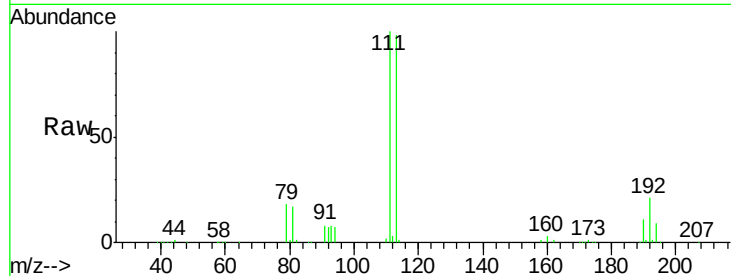




#35
 Dibromofluoromethane
 Concen: 46.679 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019602.D
 Acq: 24 Nov 2020 13:58

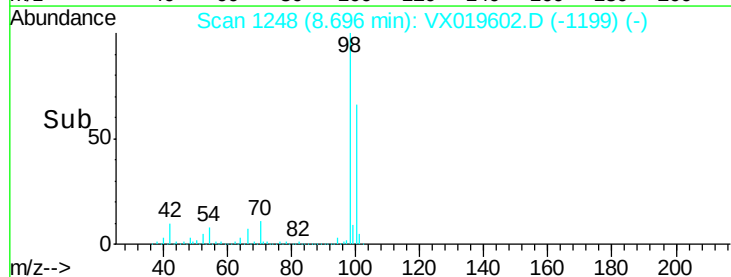
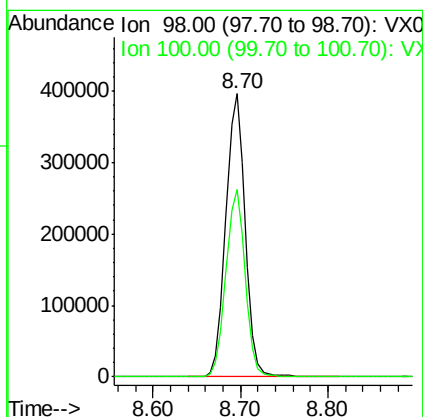
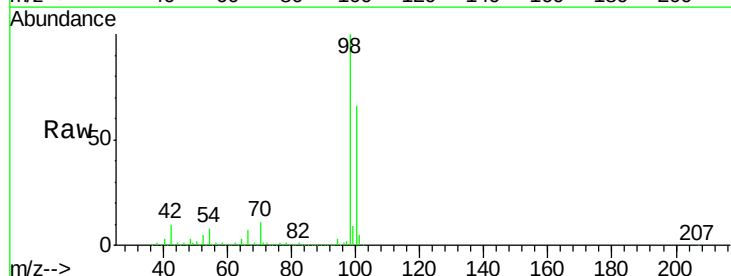
Instrument :
 MSVOA_X
 ClientSampleId :
 30738

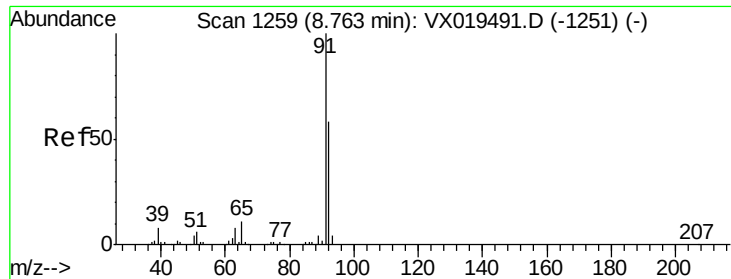
Tot Ion:113 Resp: 148041
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 20.2 16.2 24.2



#50
 Toluene-d8
 Concen: 49.231 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019602.D
 Acq: 24 Nov 2020 13:58

Tgt Ion: 98 Resp: 606721
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.4 78.6





#52

Toluene

Concen: 0.429 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019602.D

Acq: 24 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

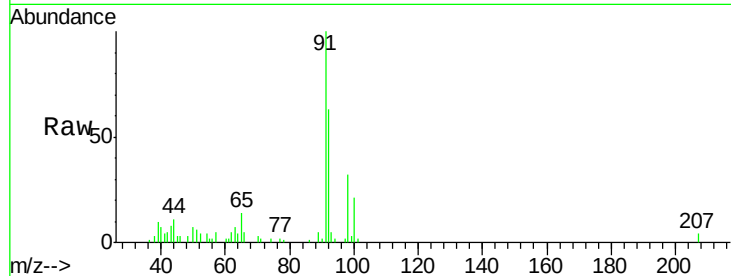
30738

Tot Ion: 92 Resp: 3822

Ion Ratio Lower Upper

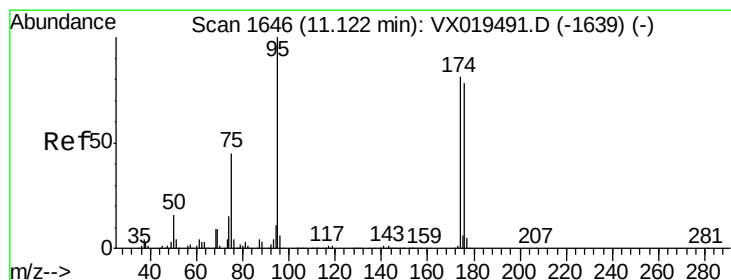
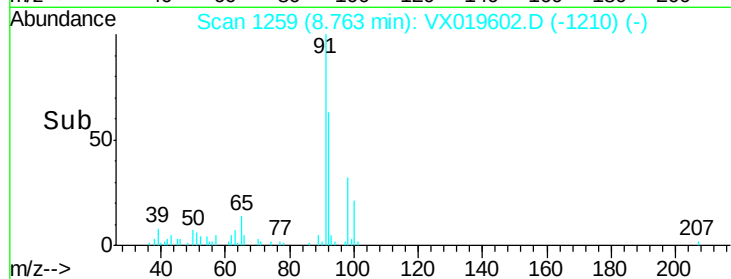
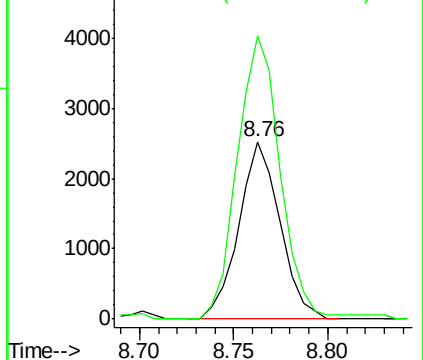
92 100

91 165.0 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.010 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019602.D

Acq: 24 Nov 2020 13:58

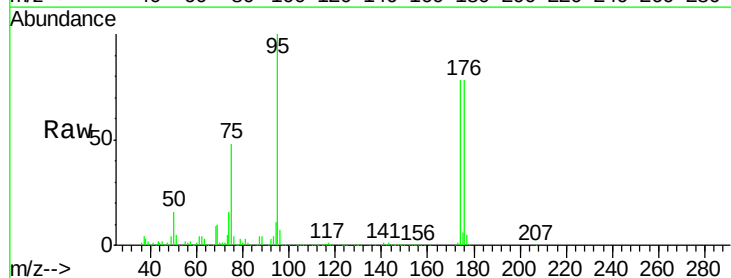
Tgt Ion: 95 Resp: 212875

Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.2

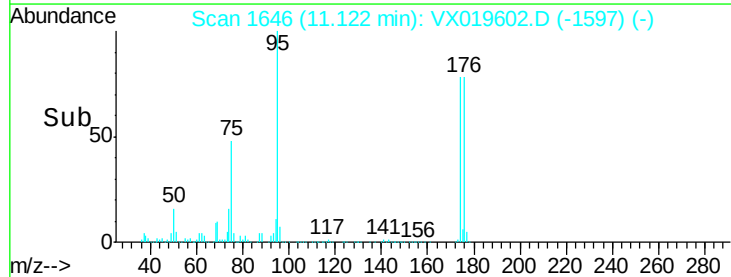
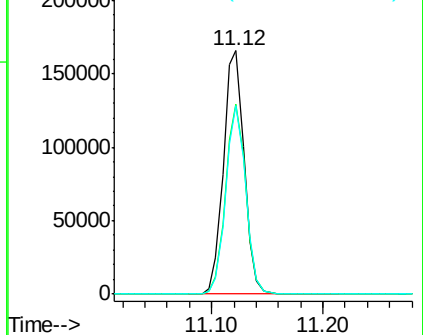
176 74.6 0.0 151.4

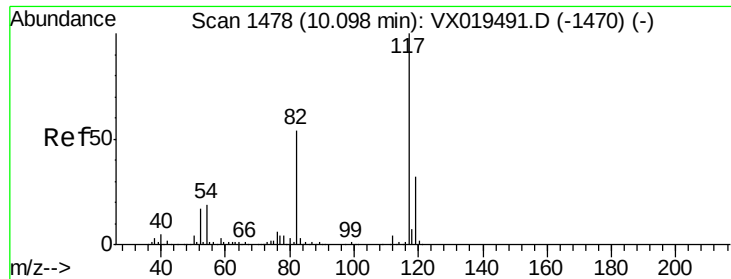


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

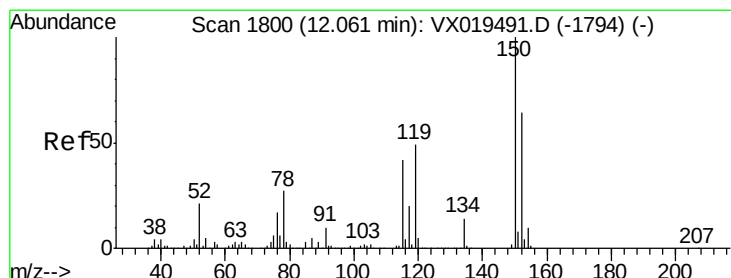
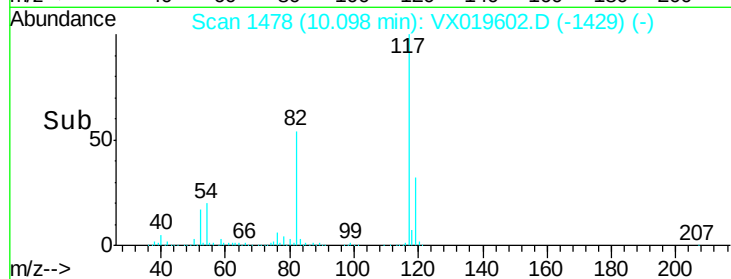
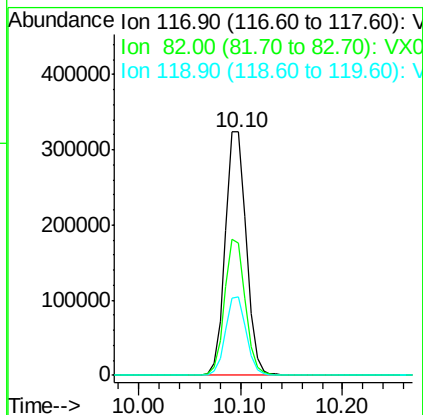
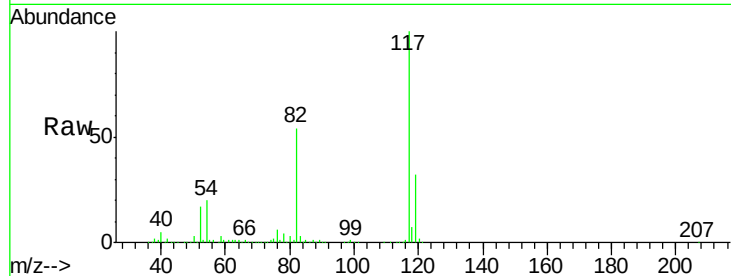




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019602.D
Acq: 24 Nov 2020 13:58

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Tot Ion:117 Resp: 462053
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019602.D
Acq: 24 Nov 2020 13:58

Tgt Ion:152 Resp: 191587
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 158.0 0.0 348.2

