

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019530.D
 Acq On : 21 Nov 2020 06:17
 Operator : JC/MD
 Sample : L4778-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 358

Quant Time: Nov 21 07:59:06 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	327400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	529964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195173	45.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.96%		
35) Dibromofluoromethane	5.46	113	158733	47.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.44%		
50) Toluene-d8	8.70	98	618598	47.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.70%		
62) 4-Bromofluorobenzene	11.12	95	219283	47.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.30%		

Target Compounds

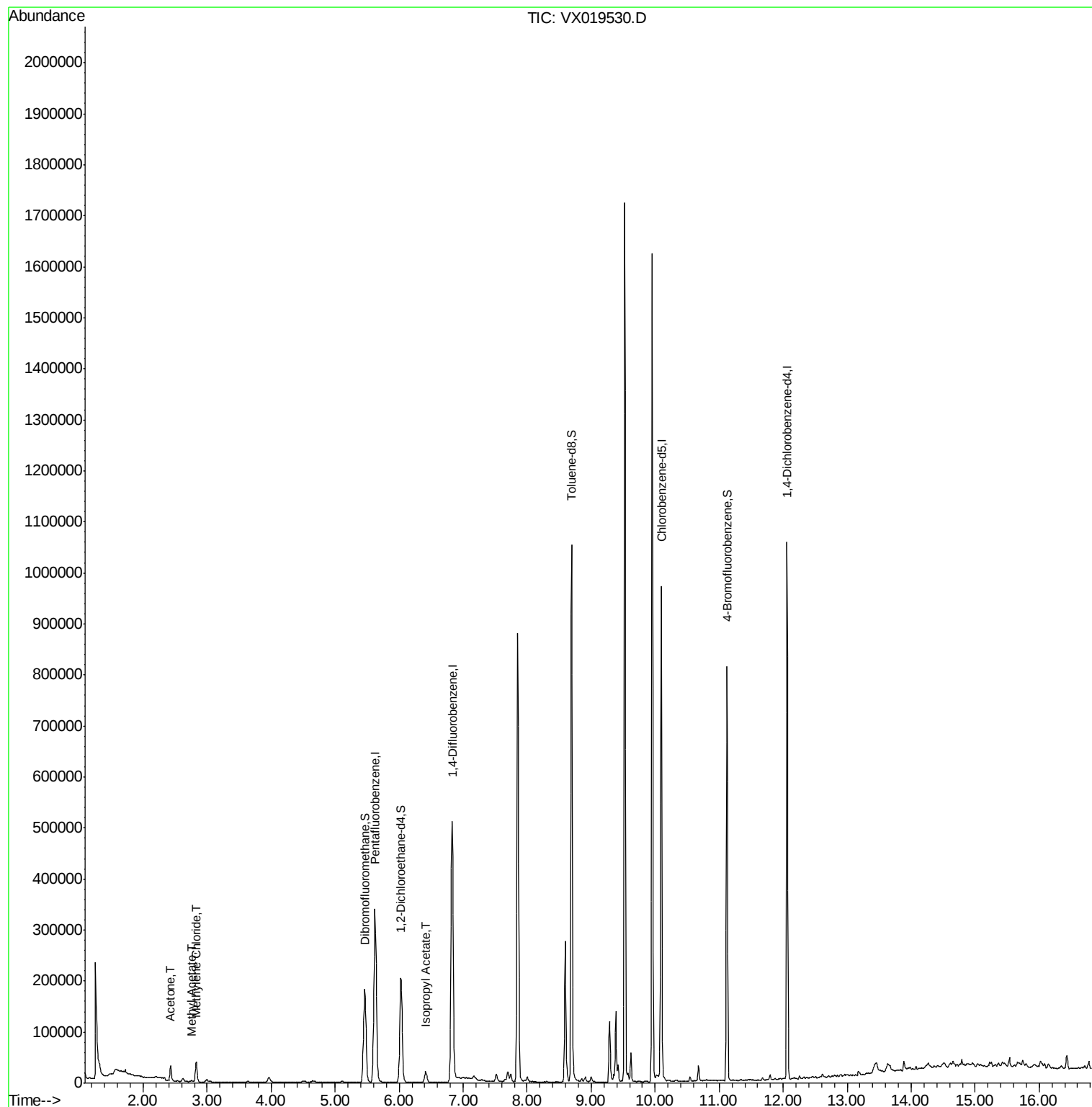
					Qvalue
16) Acetone	2.43	43	32067	19.534	ug/l 97
18) Methyl Acetate	2.75	43	3391	1.466	ug/l 99
20) Methylene Chloride	2.83	84	18882	4.602	ug/l 96
43) Isopropyl Acetate	6.42	43	28727	3.664	ug/l 100

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

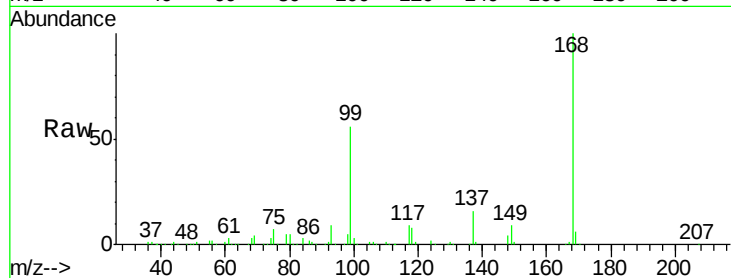
358

Tot Ion:168 Resp: 327400

Ion Ratio Lower Upper

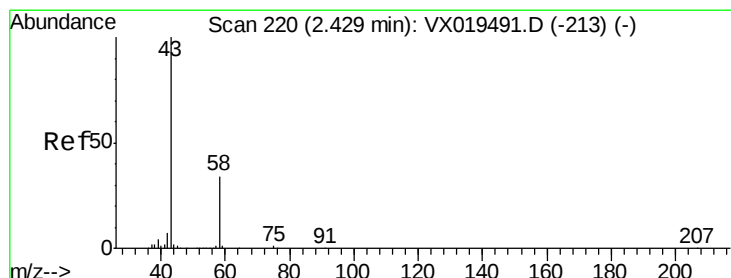
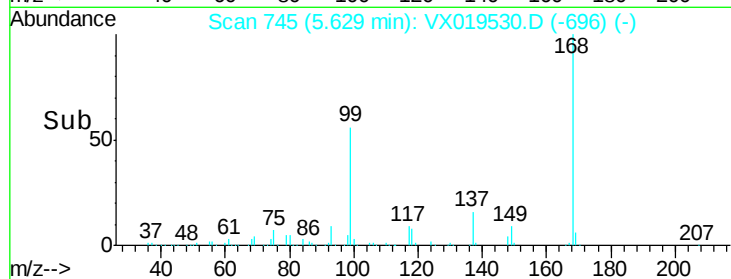
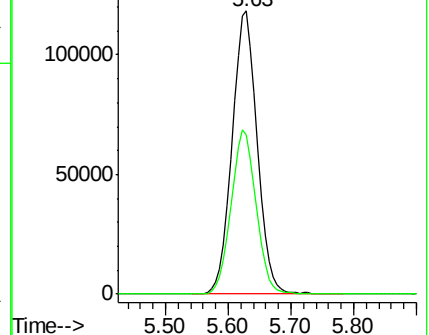
168 100

99 56.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 19.534 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019530.D

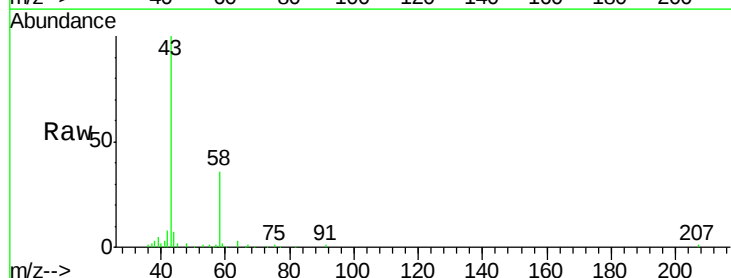
Acq: 21 Nov 2020 06:17

Tgt Ion: 43 Resp: 32067

Ion Ratio Lower Upper

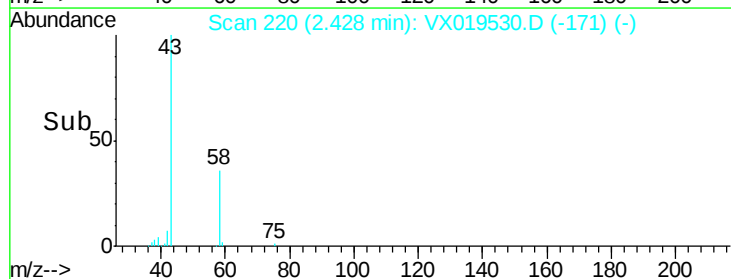
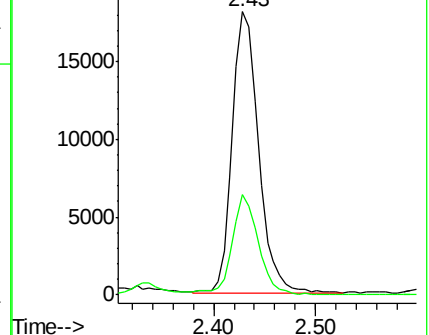
43 100

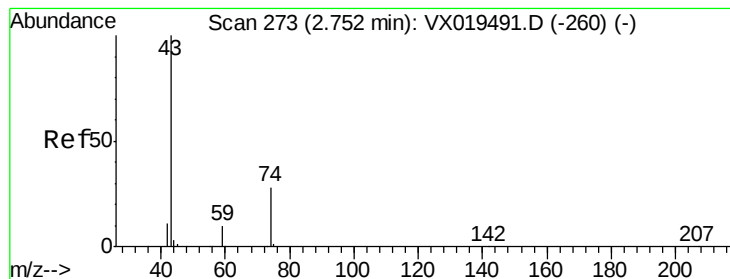
58 35.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.466 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

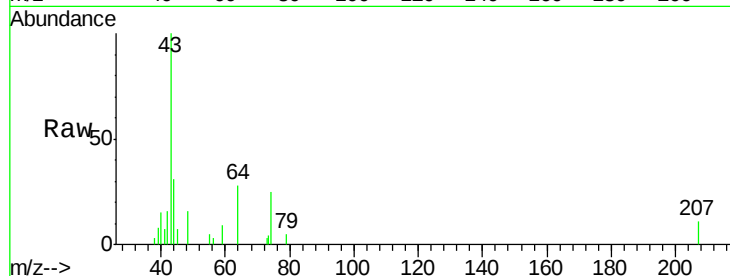
358

Tot Ion: 43 Resp: 3391

Ion Ratio Lower Upper

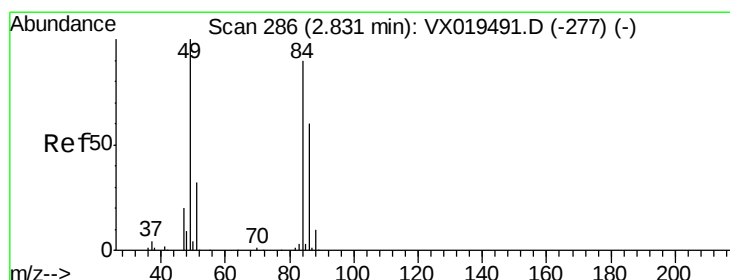
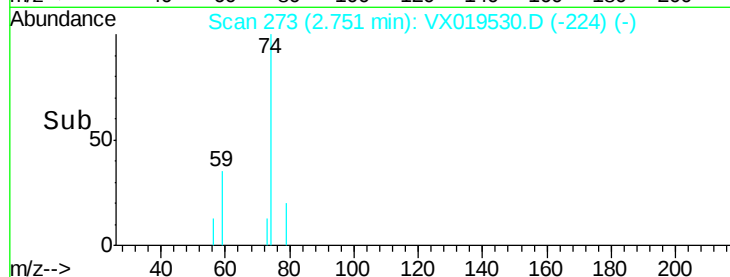
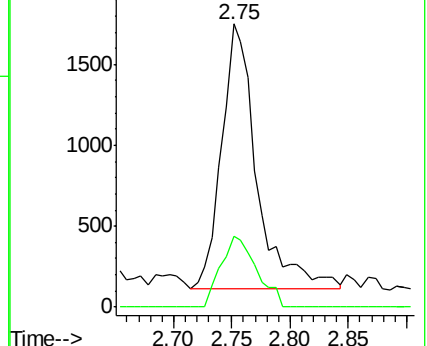
43 100

74 27.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 4.602 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

Tgt Ion: 84 Resp: 18882

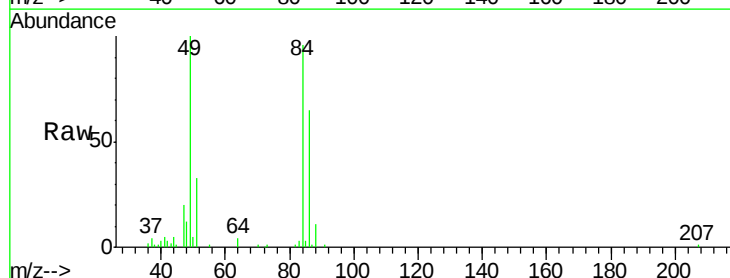
Ion Ratio Lower Upper

84 100

49 104.6 88.5 132.7

51 34.3 28.0 42.0

86 67.6 53.0 79.4

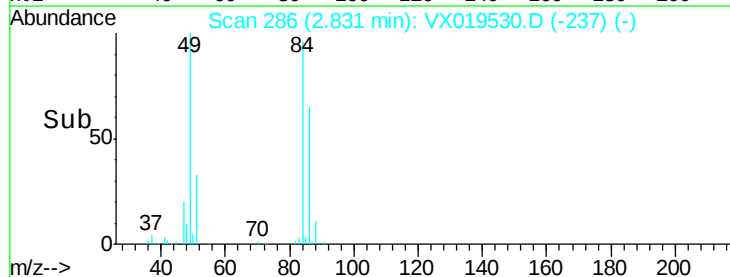
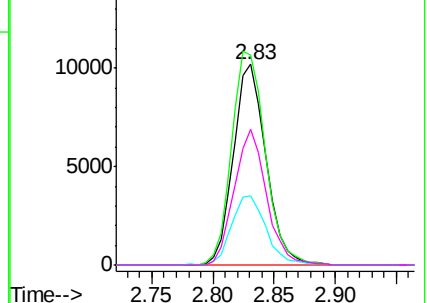


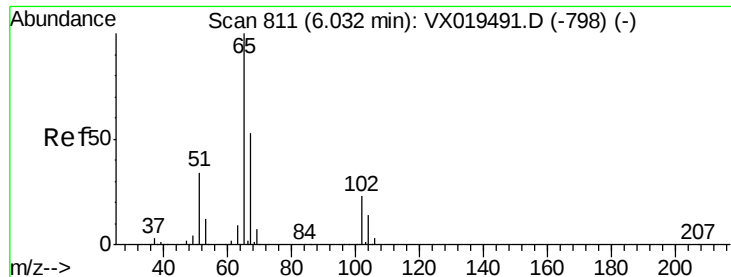
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.977 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

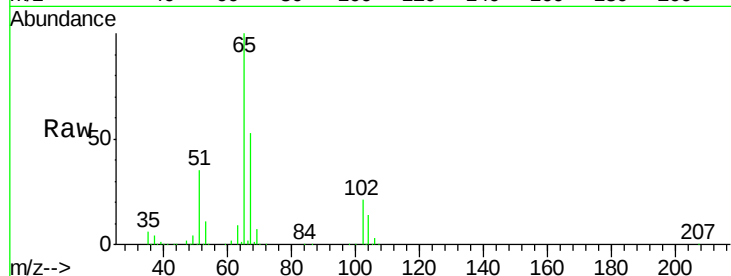
358

Tot Ion: 65 Resp: 195173

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

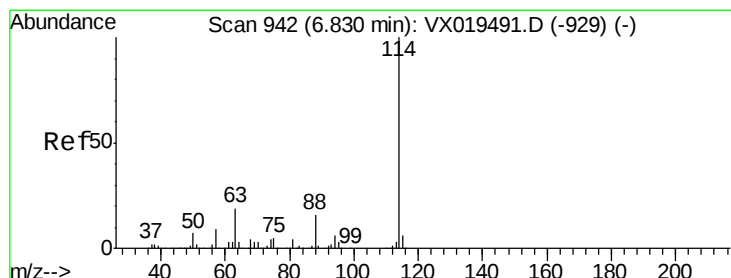
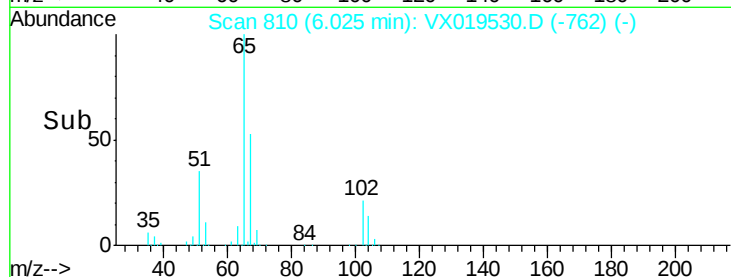
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

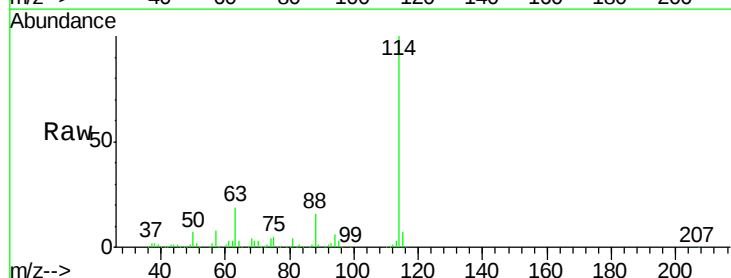
Tgt Ion: 114 Resp: 529964

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 16.2 0.0 31.6



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

300000

250000

200000

150000

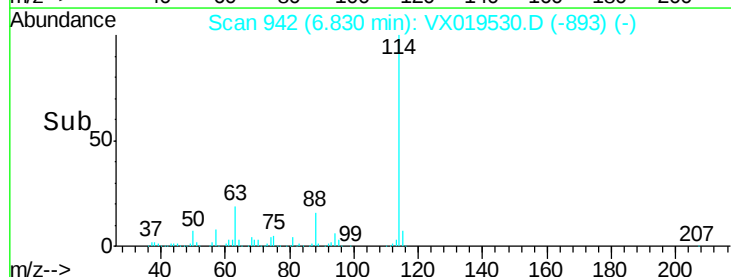
100000

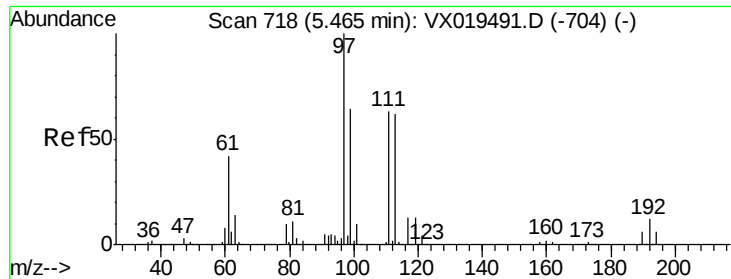
50000

0

6.80 7.00

Time-->

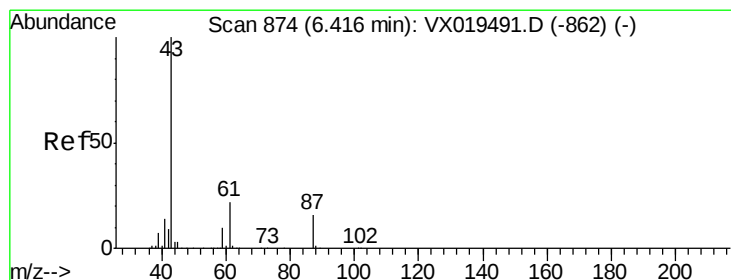
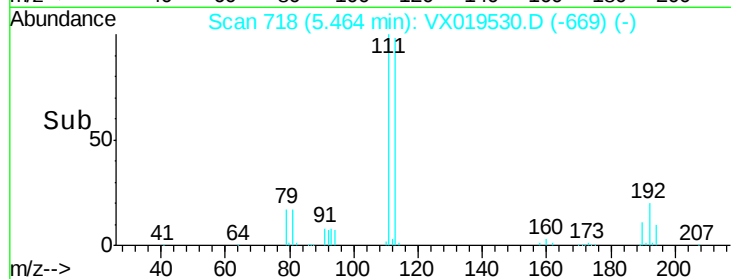
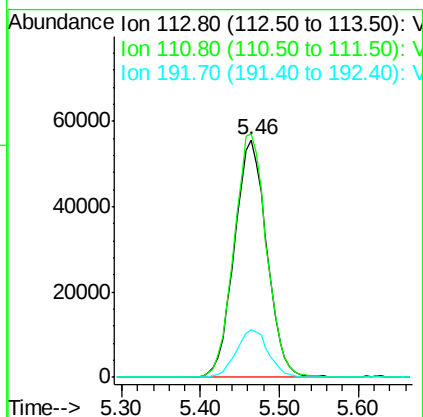
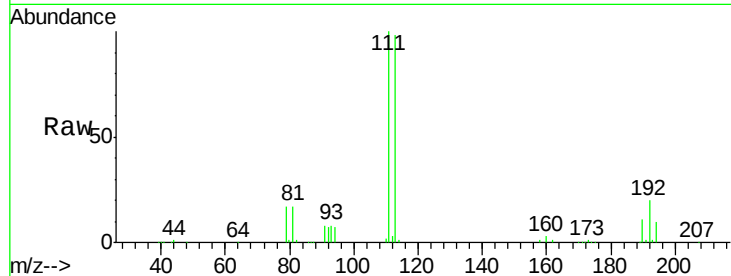




#35
 Dibromofluoromethane
 Concen: 47.717 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019530.D
 Acq: 21 Nov 2020 06:17

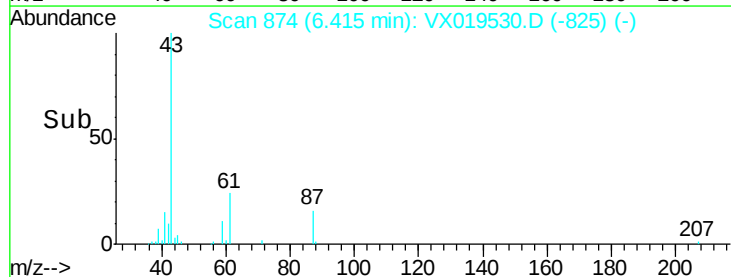
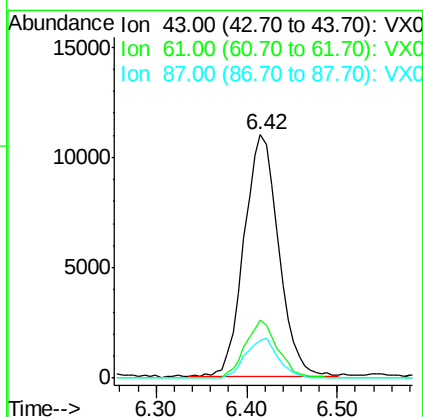
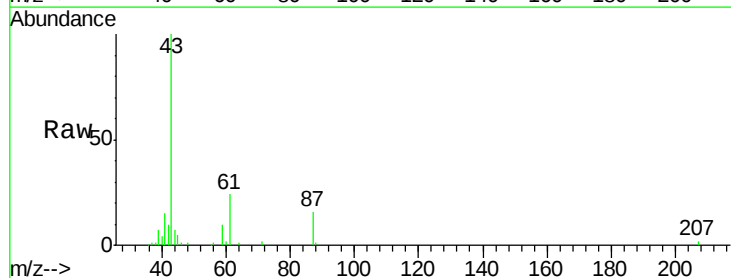
Instrument :
 MSVOA_X
 ClientSampleId :
 358

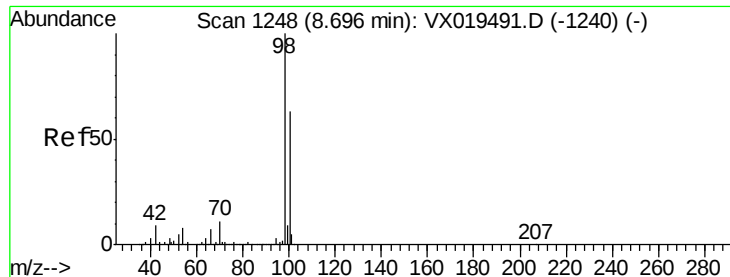
Tot Ion:113 Resp: 158733
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 20.0 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 3.664 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019530.D
 Acq: 21 Nov 2020 06:17

Tgt Ion: 43 Resp: 28727
 Ion Ratio Lower Upper
 43 100
 61 22.5 18.2 27.2
 87 15.5 12.6 18.8





#50

Toluene-d8

Concen: 47.854 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

Instrument :

MSVOA_X

ClientSampleId :

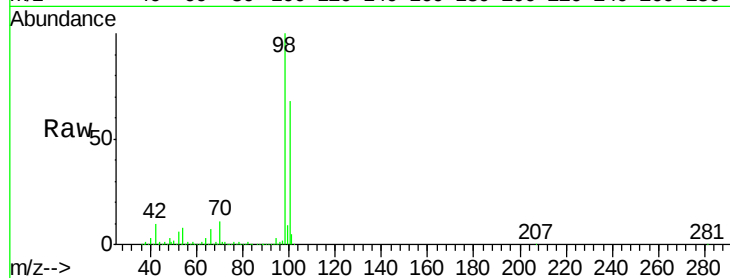
358

Tot Ion: 98 Resp: 618598

Ion Ratio Lower Upper

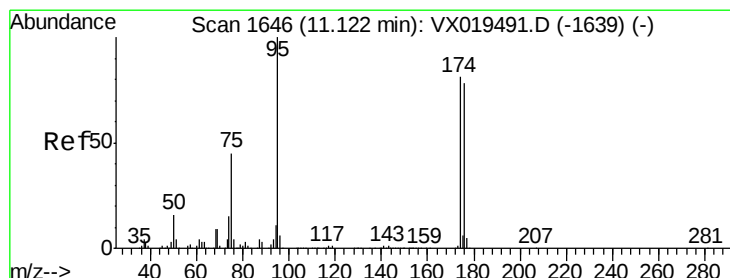
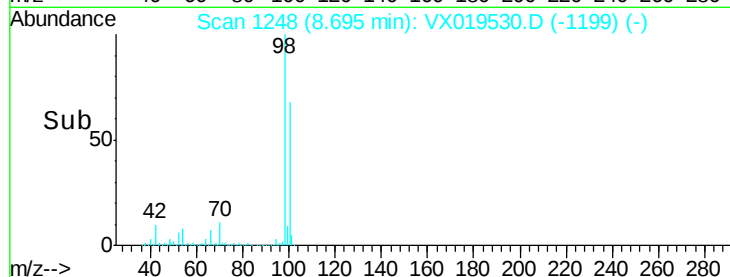
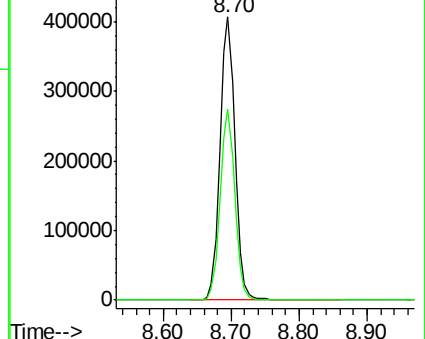
98 100

100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.149 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019530.D

Acq: 21 Nov 2020 06:17

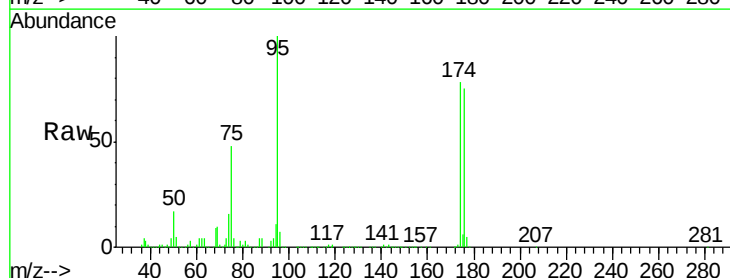
Tgt Ion: 95 Resp: 219283

Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.2

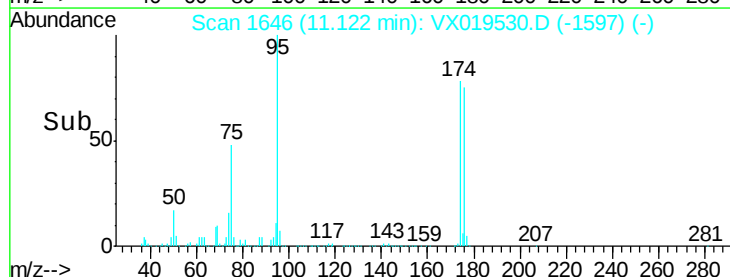
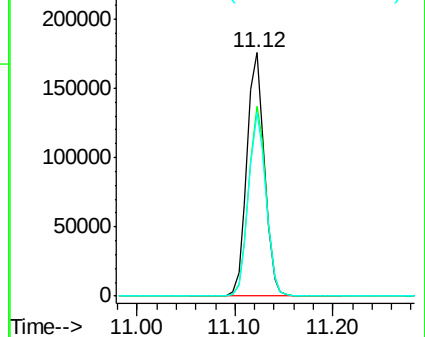
176 75.1 0.0 151.4

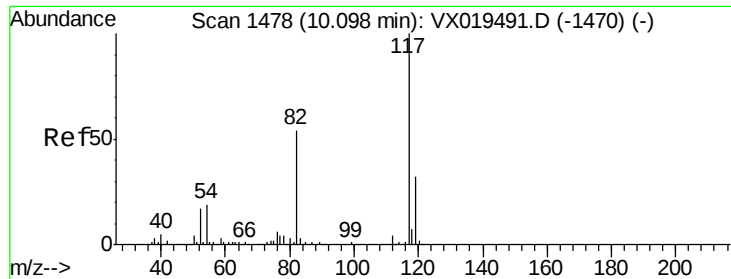


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

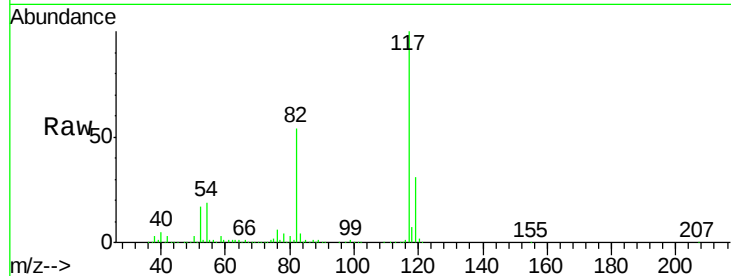




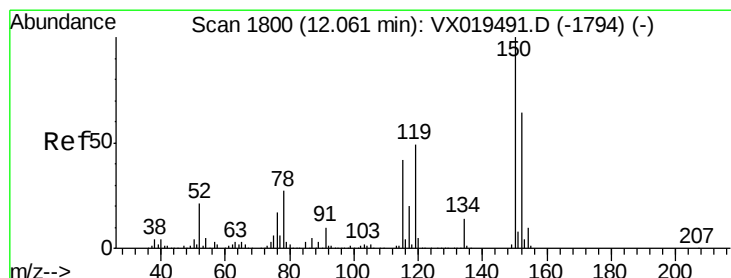
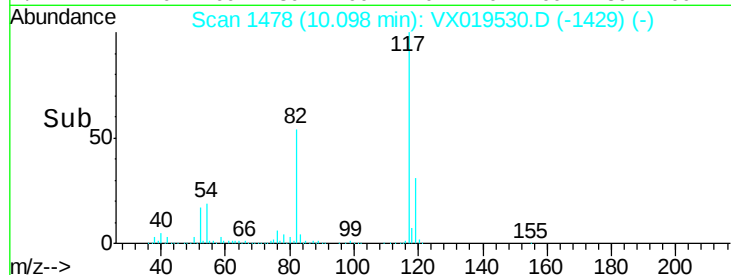
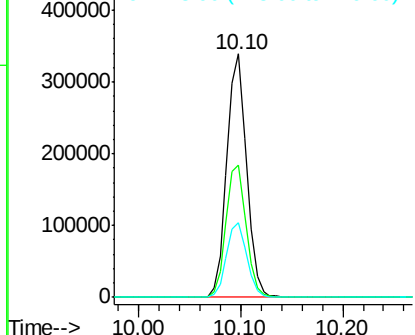
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019530.D
Acq: 21 Nov 2020 06:17

Instrument :
MSVOA_X
ClientSampled :
358

Tot Ion:117 Resp: 454062
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 30.7 25.6 38.4

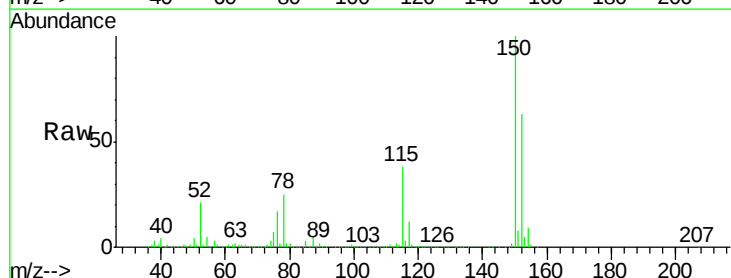


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019530.D
Acq: 21 Nov 2020 06:17

Tgt Ion:152 Resp: 209262
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 157.5 0.0 348.2



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

