

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019624.D
 Acq On : 24 Nov 2020 23:16
 Operator : JC/MD
 Sample : L4840-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41612

Quant Time: Nov 25 06:36:15 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	297786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	488549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	439110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183941	47.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.28%
35) Dibromofluoromethane	5.46	113	146859	47.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.78%
50) Toluene-d8	8.70	98	587534	49.30	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.60%
62) 4-Bromofluorobenzene	11.12	95	201186	46.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.84%

Target Compounds

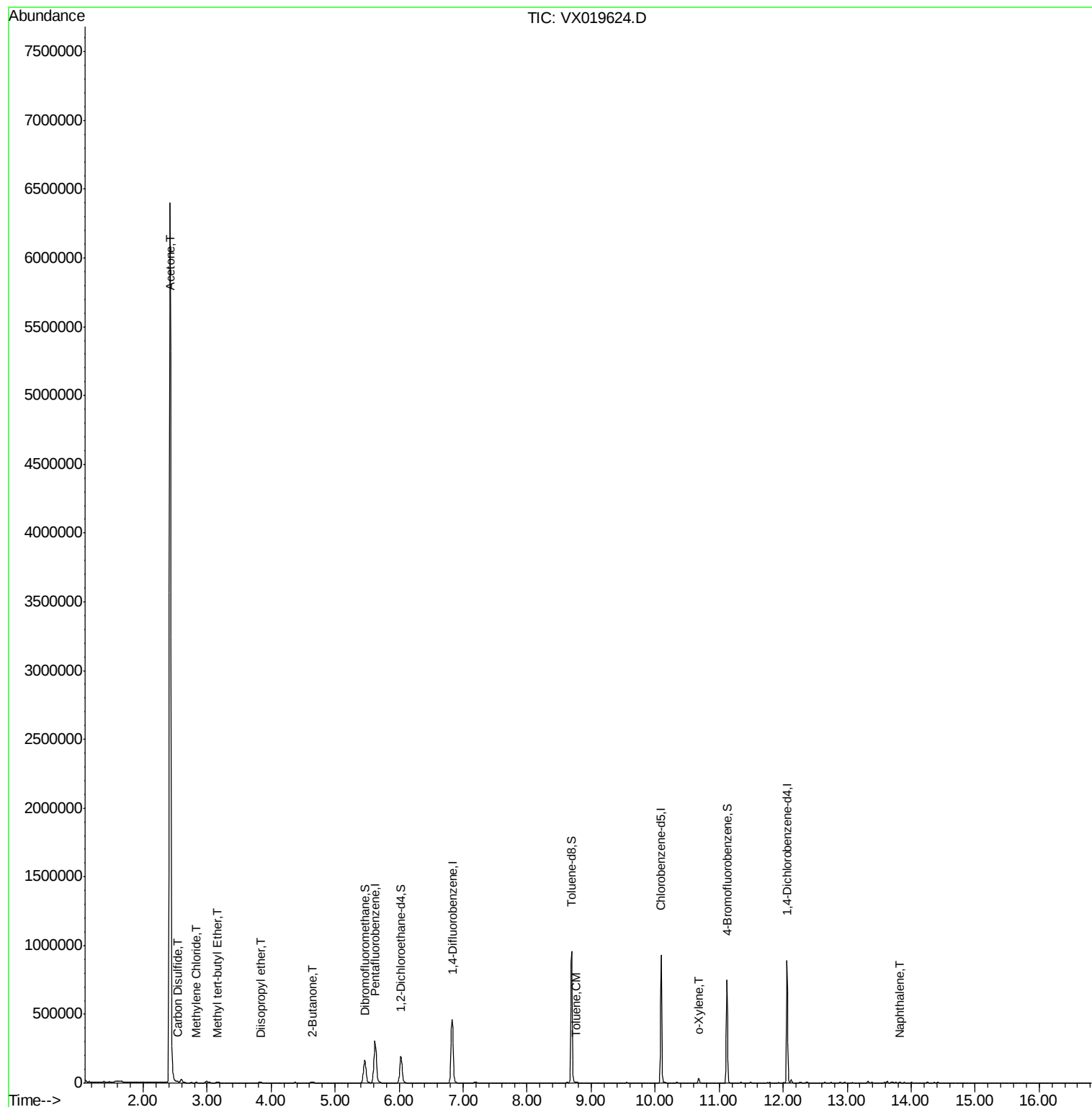
					Qvalue	
16) Acetone	2.42	43	6577906	4405.428	ug/l	96
17) Carbon Disulfide	2.54	76	2641	0.333	ug/l #	88
19) Methyl tert-butyl Ether	3.17	73	6882	0.674	ug/l	99
20) Methylene Chloride	2.83	84	1717	0.460	ug/l #	96
22) Diisopropyl ether	3.82	45	6854	0.715	ug/l #	81
25) 2-Butanone	4.64	43	14906	6.646	ug/l	92
52) Toluene	8.76	92	2292	0.266	ug/l	97
69) o-Xylene	10.68	106	7331	1.301	ug/l	98
95) Naphthalene	13.82	128	2838	2.386	ug/l	98

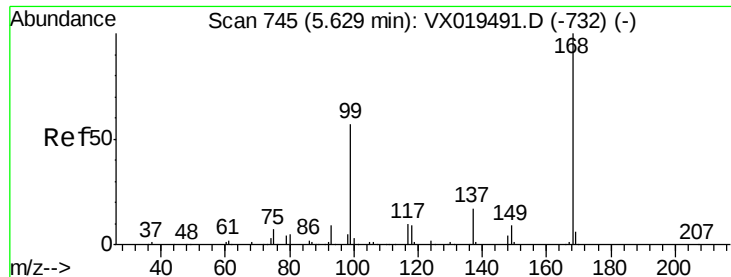
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112420\
Data File : VX019624.D
Acq On : 24 Nov 2020 23:16
Operator : JC/MD
Sample : L4840-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41612

Quant Time: Nov 25 06:36:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampleId :

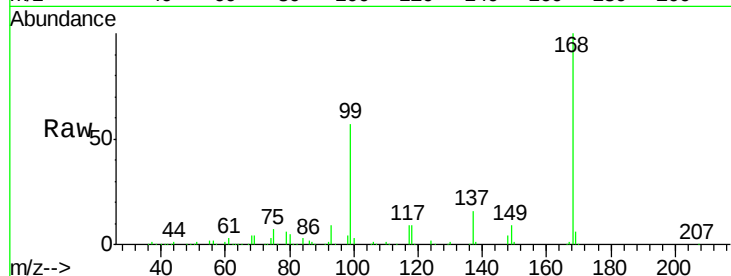
41612

Tot Ion:168 Resp: 297786

Ion Ratio Lower Upper

168 100

99 56.6 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

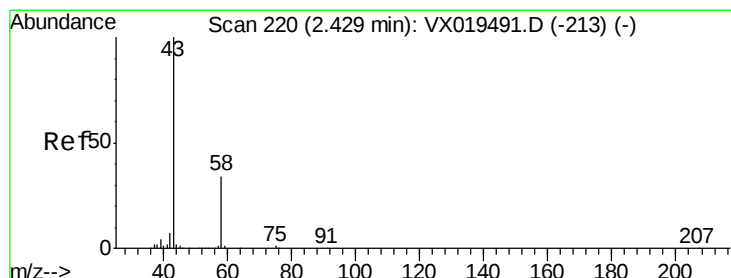
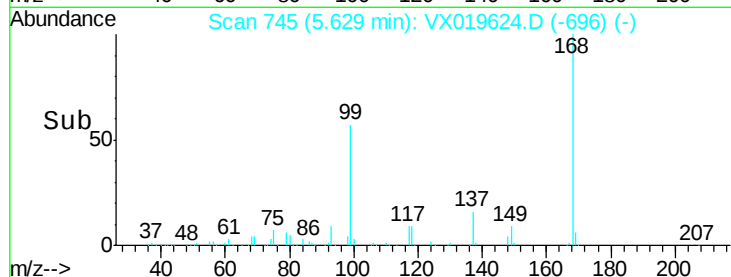
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4405.428 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019624.D

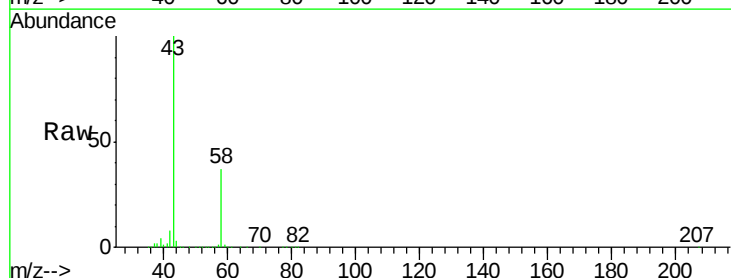
Acq: 24 Nov 2020 23:16

Tgt Ion: 43 Resp: 6577906

Ion Ratio Lower Upper

43 100

58 36.7 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

4000000

3000000

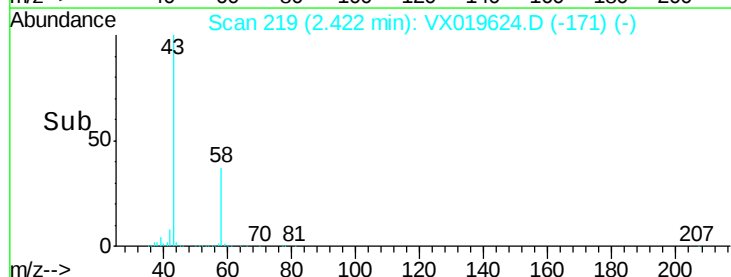
2000000

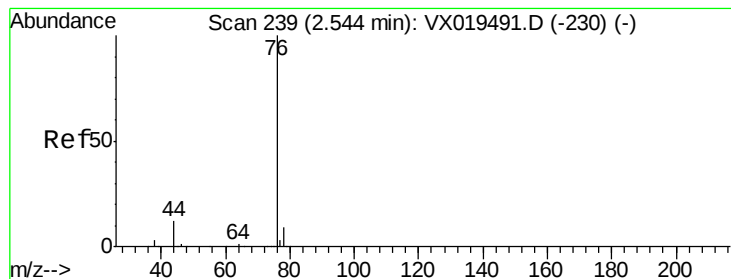
1000000

0

Time-->

2.30 2.40 2.50 2.60





#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampled :

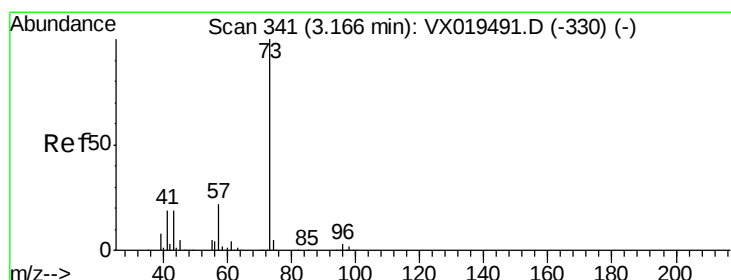
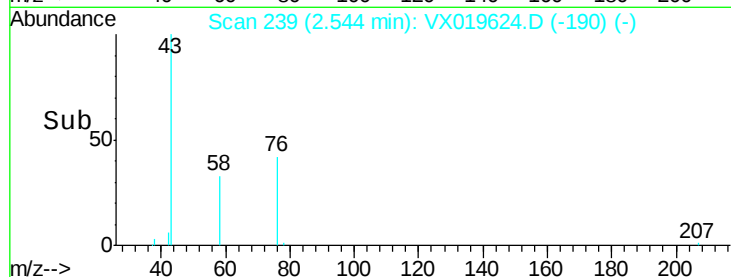
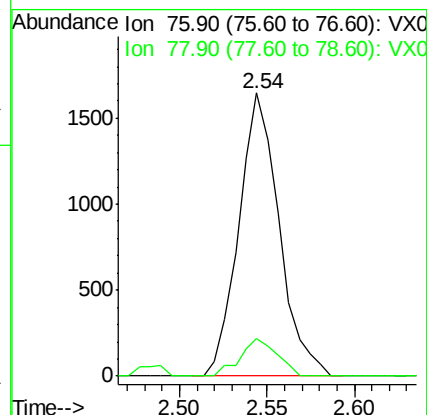
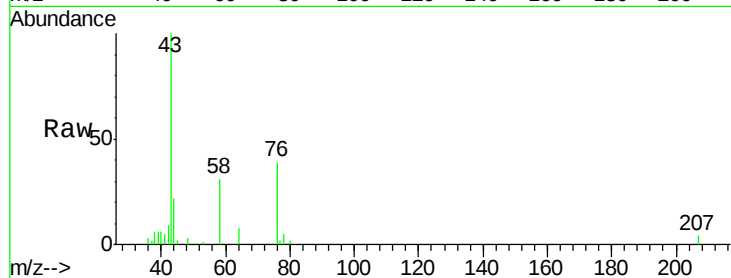
41612

Tot Ion: 76 Resp: 2641

Ion Ratio Lower Upper

76 100

78 13.2 7.2 10.8#



#19

Methyl tert-butyl Ether

Concen: 0.674 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX019624.D

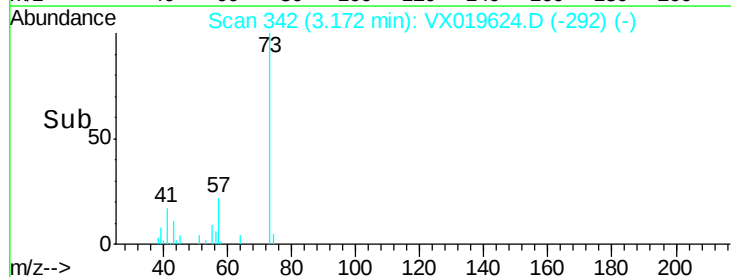
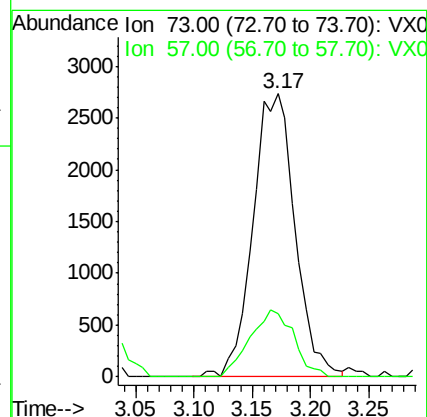
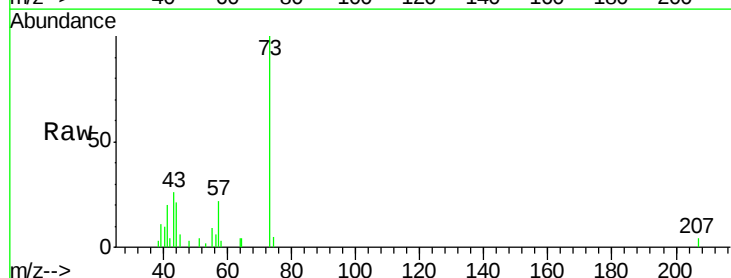
Acq: 24 Nov 2020 23:16

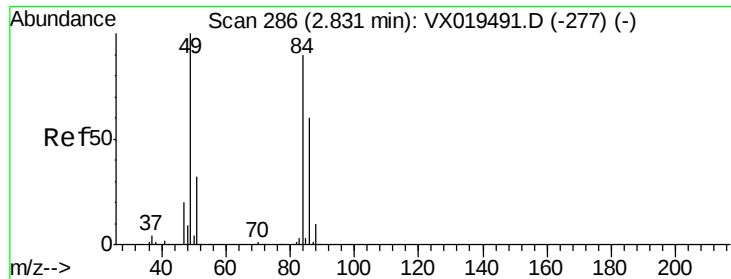
Tgt Ion: 73 Resp: 6882

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9

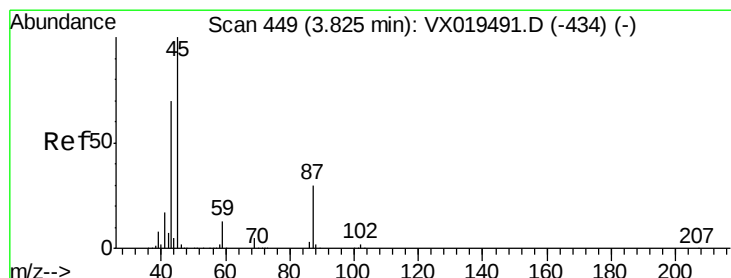
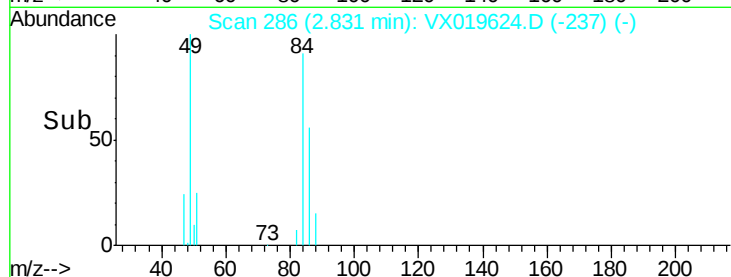
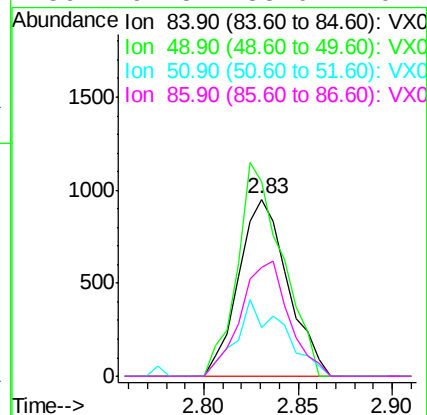
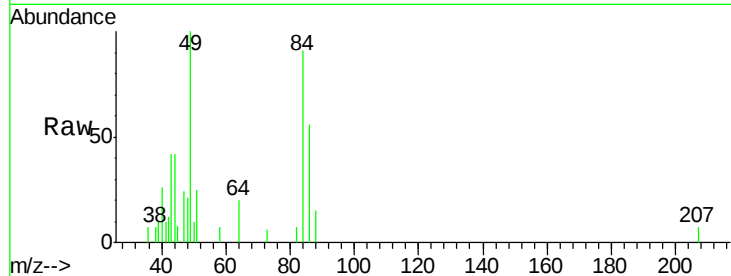




#20
Methvlene Chloride
Concen: 0.460 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

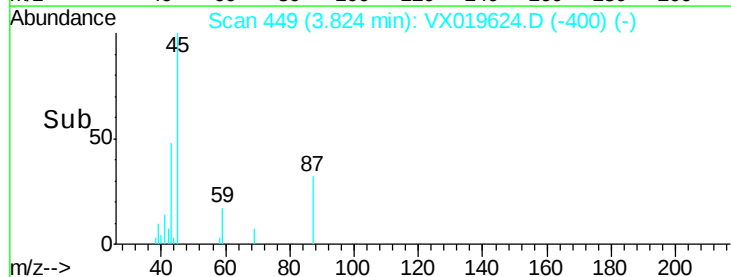
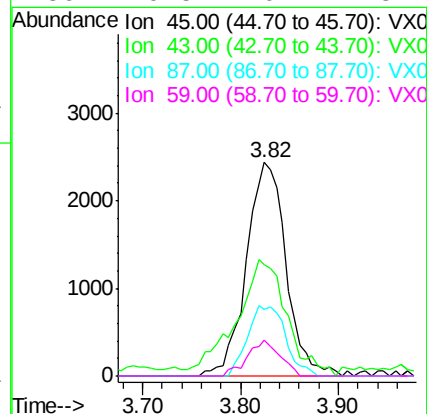
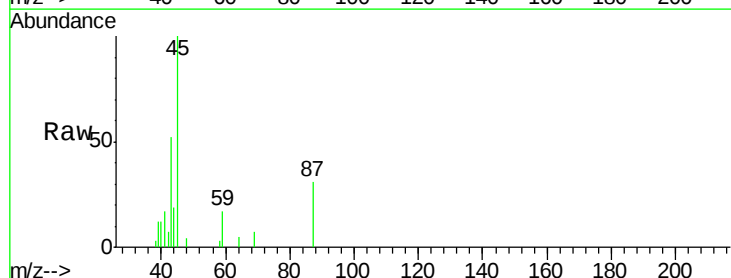
Instrument :
MSVOA_X
ClientSampleId :
41612

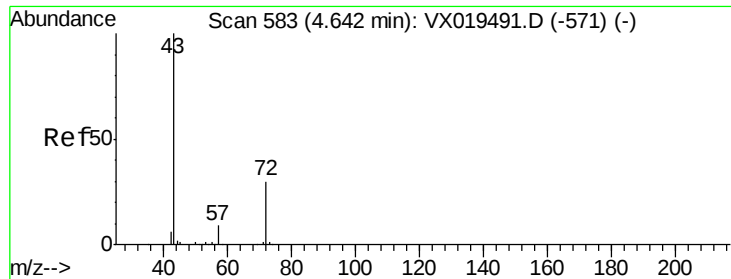
Tot Ion: 84 Resp: 1717
Ion Ratio Lower Upper
84 100
49 110.0 88.5 132.7
51 27.9 28.0 42.0#
86 61.8 53.0 79.4



#22
Diisopropyl ether
Concen: 0.715 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

Tgt Ion: 45 Resp: 6854
Ion Ratio Lower Upper
45 100
43 47.7 56.1 84.1#
87 31.4 24.2 36.2
59 16.5 10.2 15.2#





#25

2-Butanone

Concen: 6.646 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampleId :

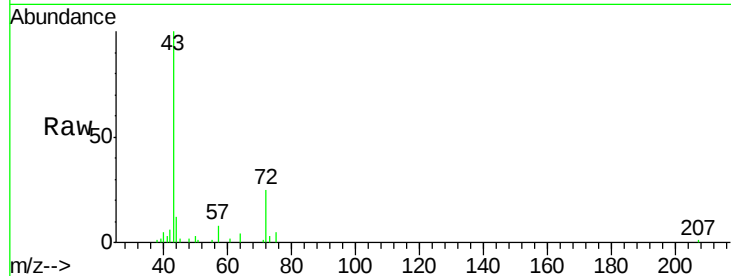
41612

Tot Ion: 43 Resp: 14906

Ion Ratio Lower Upper

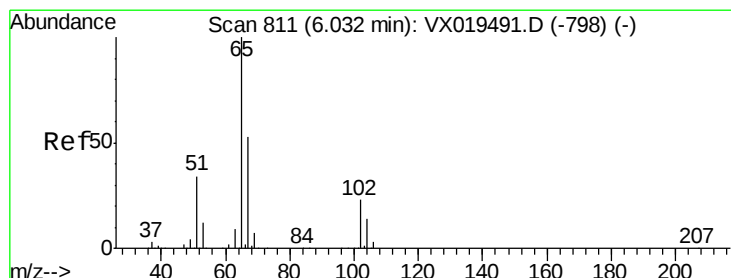
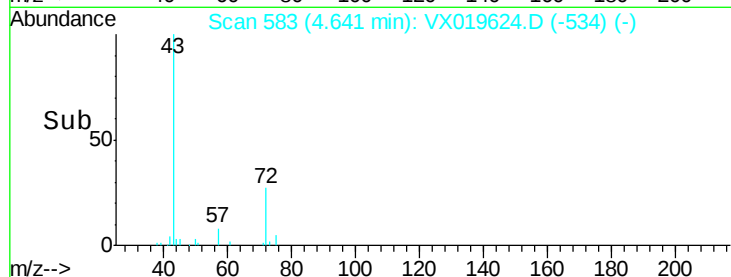
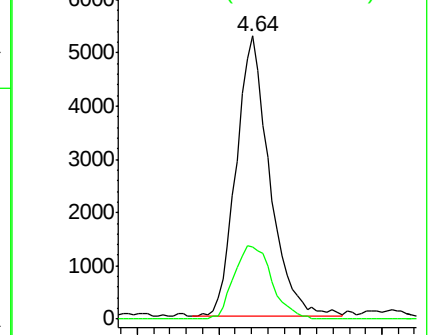
43 100

72 25.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.640 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019624.D

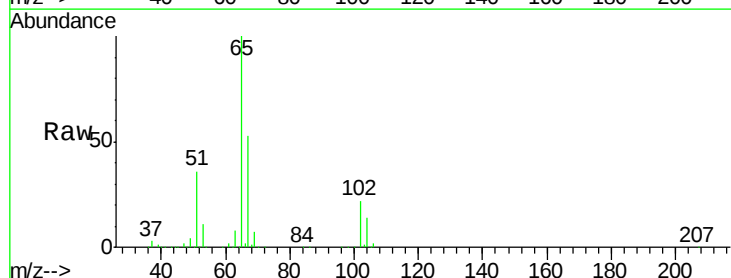
Acq: 24 Nov 2020 23:16

Tgt Ion: 65 Resp: 183941

Ion Ratio Lower Upper

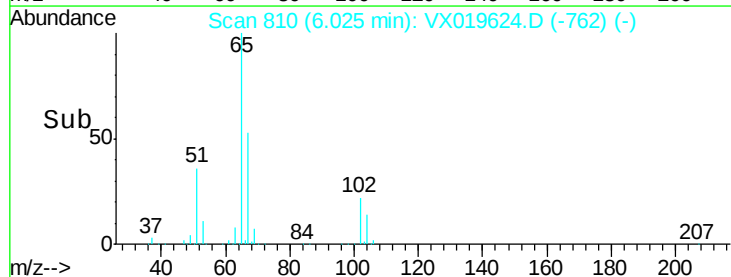
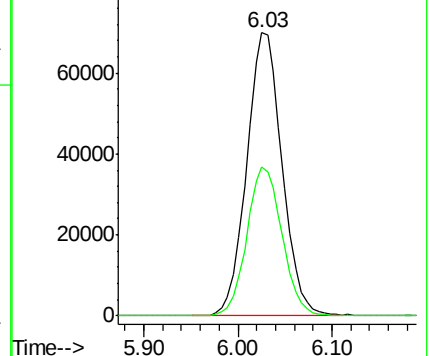
65 100

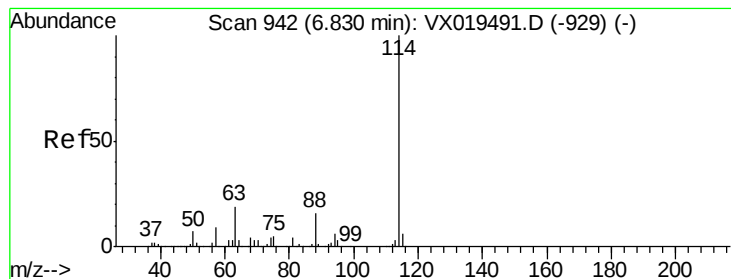
67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampleId :

41612

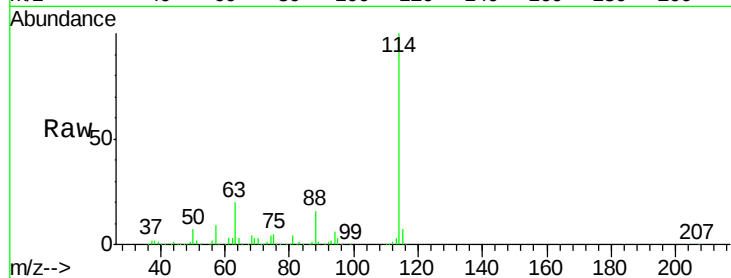
Tot Ion:114 Resp: 488549

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

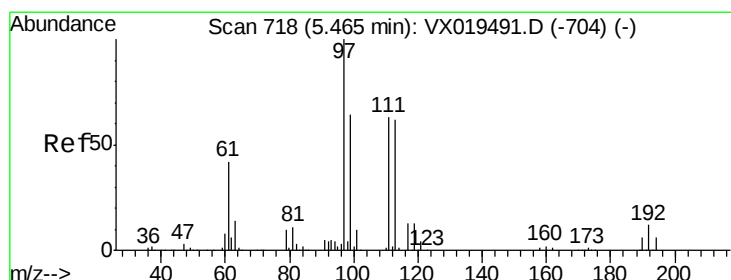
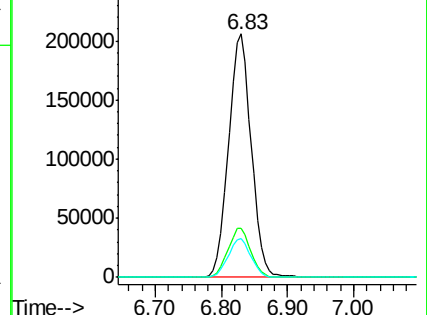
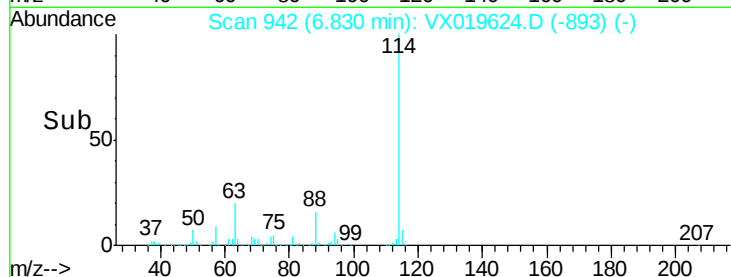
88 16.0 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 47.890 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

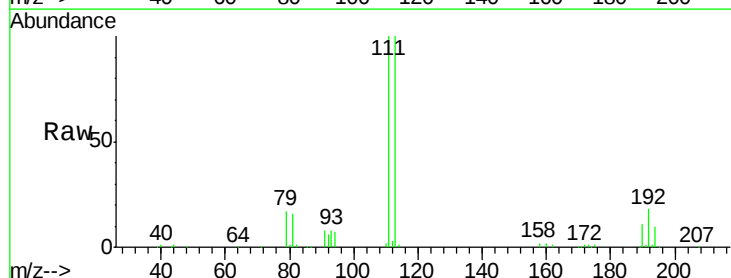
Tgt Ion:113 Resp: 146859

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

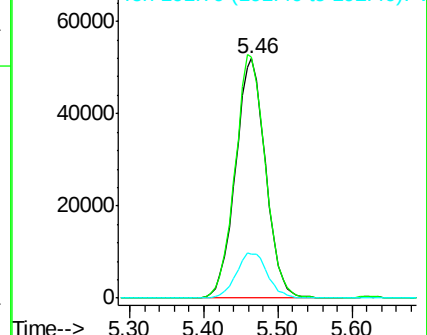
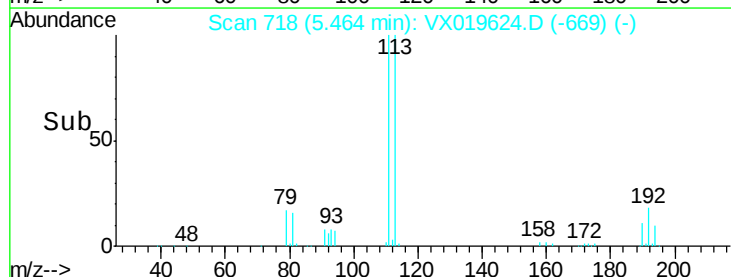
192 19.6 16.2 24.2

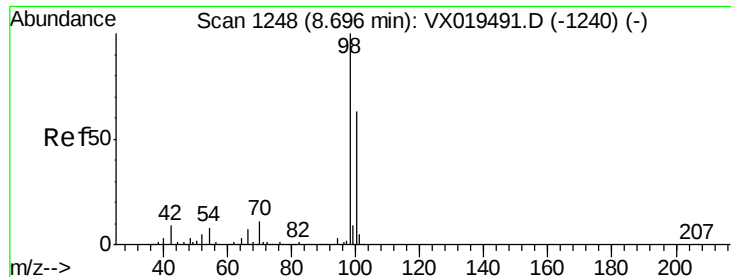


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

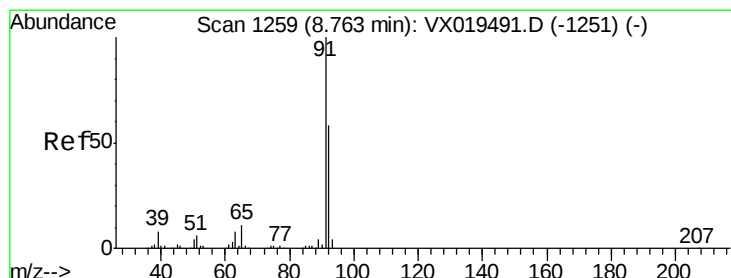
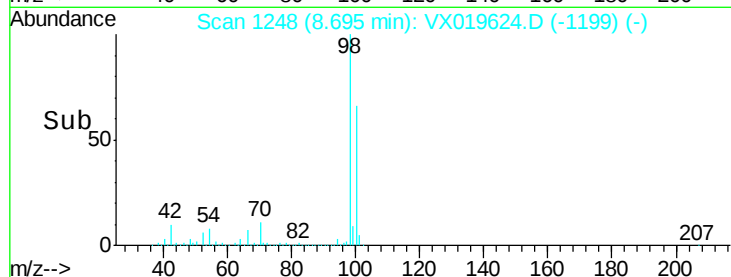
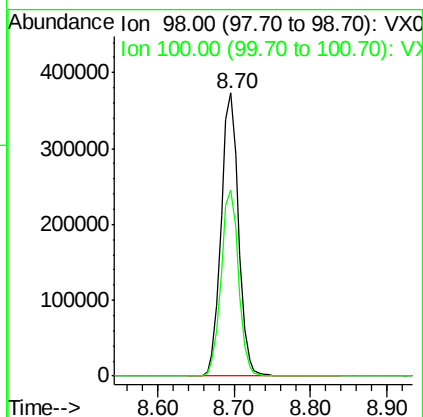
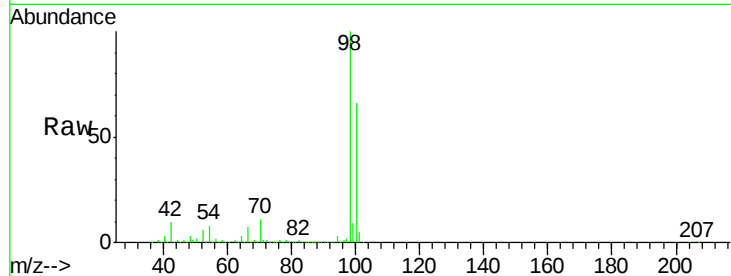




#50
Toluene-d8
Concen: 49.304 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

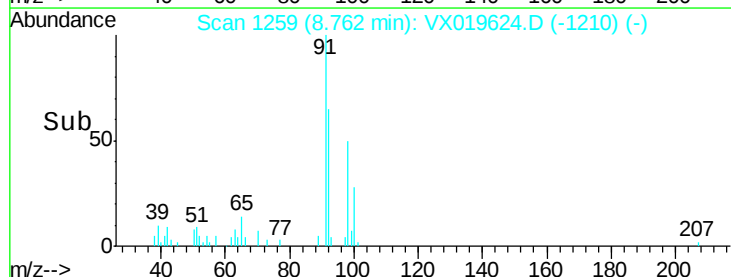
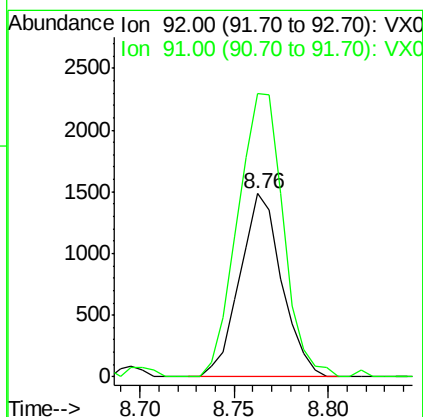
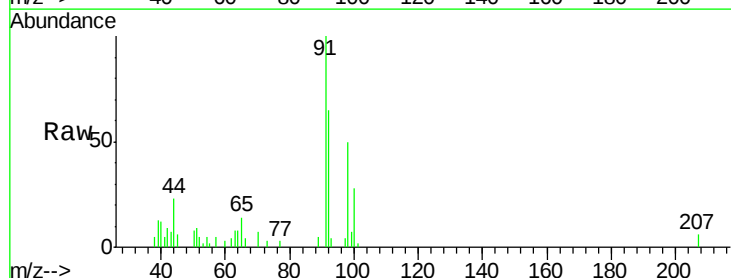
Instrument :
MSVOA_X
ClientSampleId :
41612

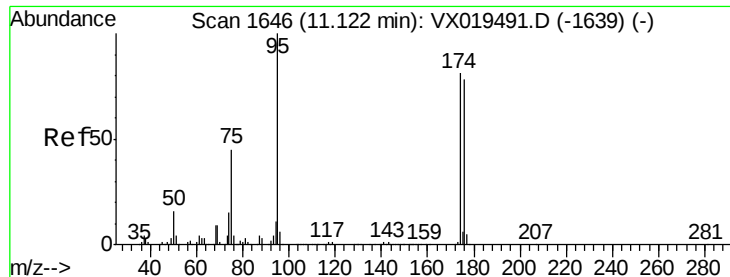
Tot Ion: 98 Resp: 587534
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#52
Toluene
Concen: 0.266 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

Tgt Ion: 92 Resp: 2292
Ion Ratio Lower Upper
92 100
91 168.5 138.1 207.1





#62

4-Bromofluorobenzene

Concen: 46.925 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampleId :

41612

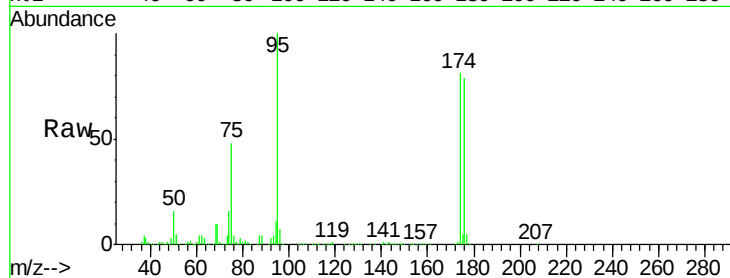
Tot Ion: 95 Resp: 201186

Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.2

176 75.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0

11.12

150000

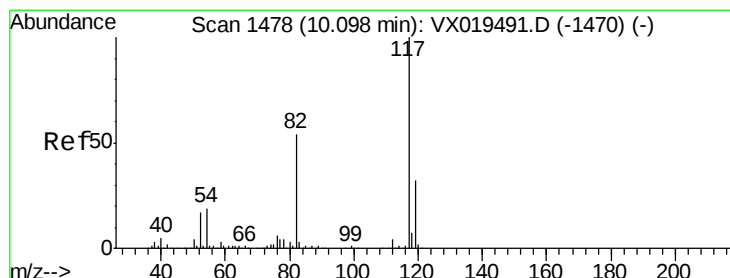
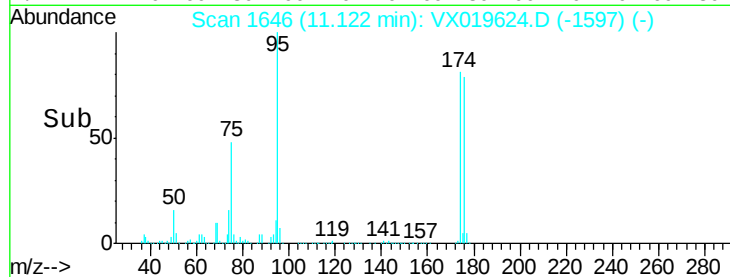
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

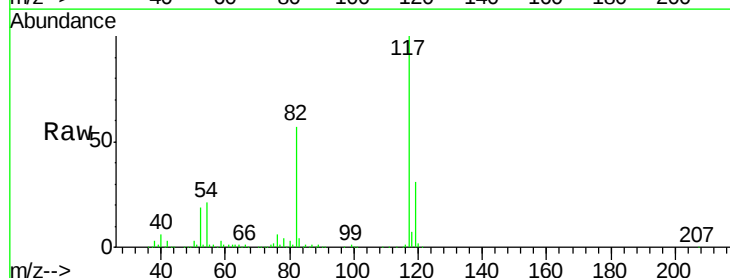
Tgt Ion: 117 Resp: 439110

Ion Ratio Lower Upper

117 100

82 56.7 43.0 64.4

119 31.3 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

10.09

400000

300000

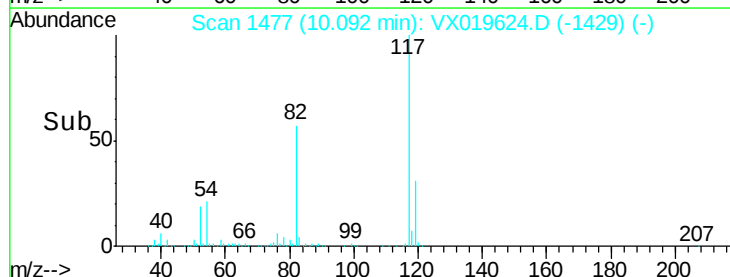
200000

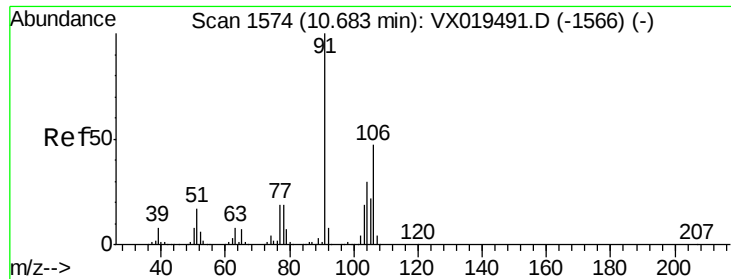
100000

0

10.00 10.10 10.20

Time-->

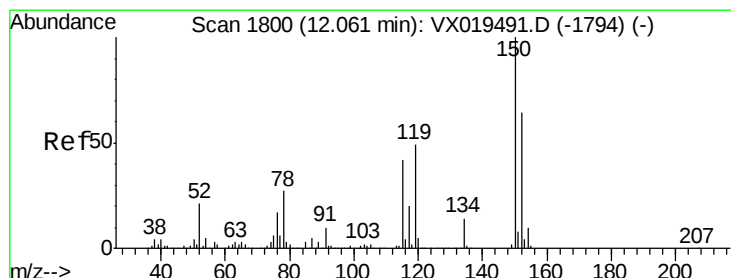
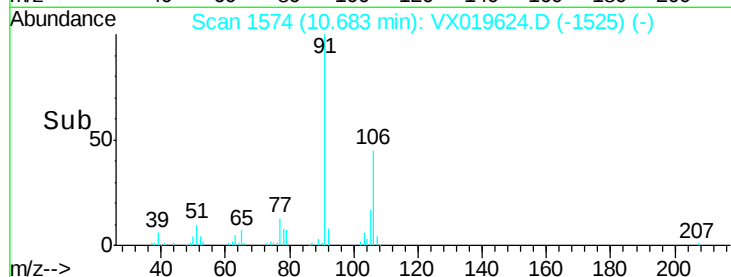
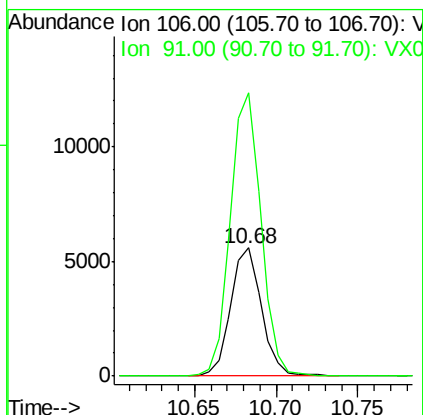
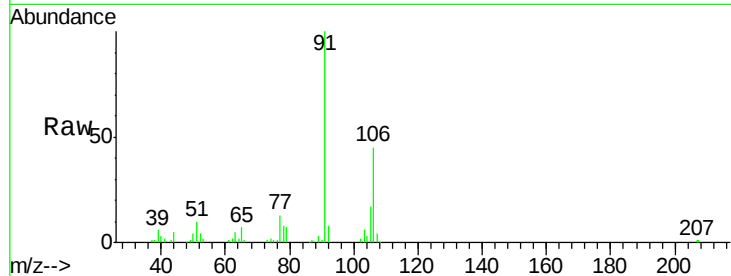




#69
o-Xylene
Concen: 1.301 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

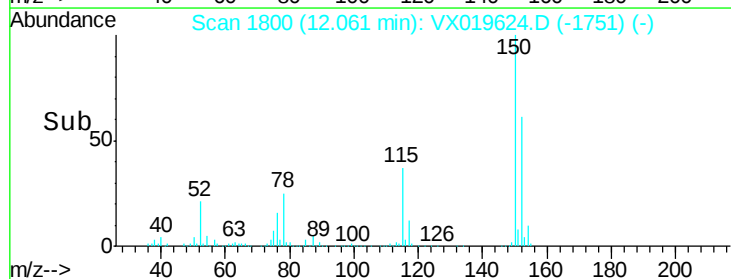
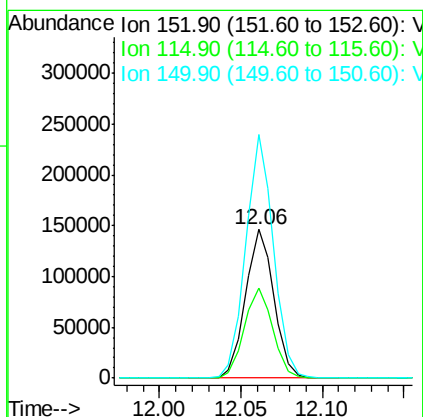
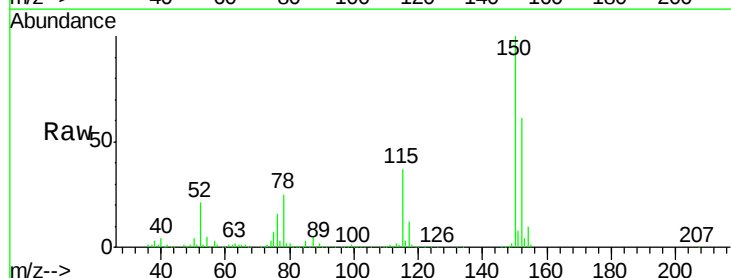
Instrument :
MSVOA_X
ClientSampleId :
41612

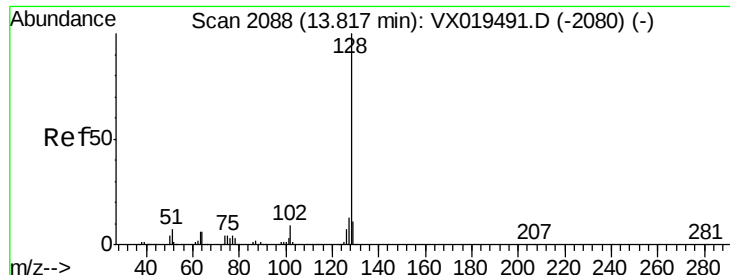
Tot Ion:106 Resp: 7331
Ion Ratio Lower Upper
106 100
91 220.0 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019624.D
Acq: 24 Nov 2020 23:16

Tgt Ion:152 Resp: 177045
Ion Ratio Lower Upper
152 100
115 61.1 41.8 125.4
150 160.8 0.0 348.2





#95

Naphthalene

Concen: 2.386 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019624.D

Acq: 24 Nov 2020 23:16

Instrument :

MSVOA_X

ClientSampleId :

41612

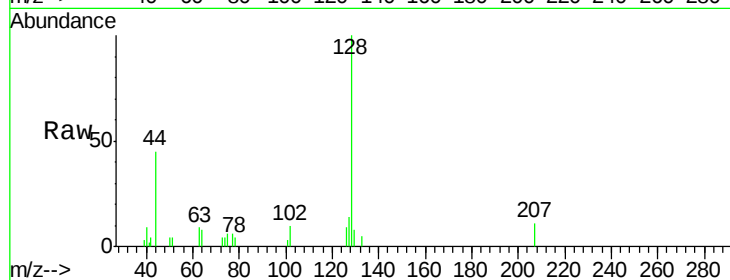
Tot Ion:128 Resp: 2838

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

