

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019531.D
 Acq On : 21 Nov 2020 06:41
 Operator : JC/MD
 Sample : L4826-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WS-000-04

Quant Time: Nov 21 07:56:15 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	327619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	527688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193909	45.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.30%
35) Dibromofluoromethane	5.46	113	157022	47.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.82%
50) Toluene-d8	8.70	98	630042	48.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.90%
62) 4-Bromofluorobenzene	11.12	95	229026	49.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.92%

Target Compounds

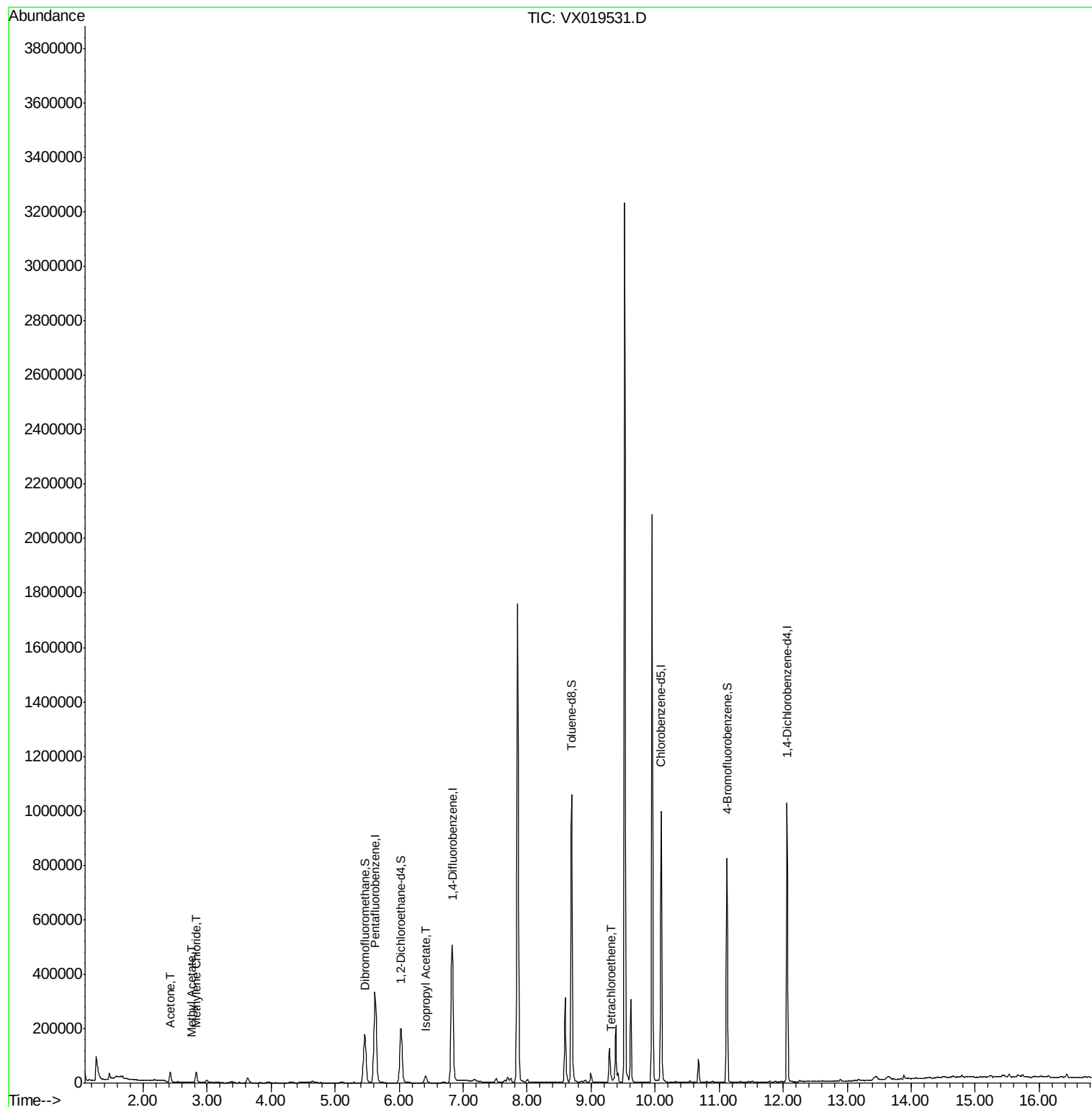
					Qvalue
16) Acetone	2.42	43	37042	22.549	ug/l 99
18) Methyl Acetate	2.75	43	2869	1.338	ug/l # 86
20) Methylene Chloride	2.83	84	18526	4.512	ug/l 97
43) Isopropyl Acetate	6.42	43	34446	4.412	ug/l 99
64) Tetrachloroethene	9.32	164	3773	1.003	ug/l 98

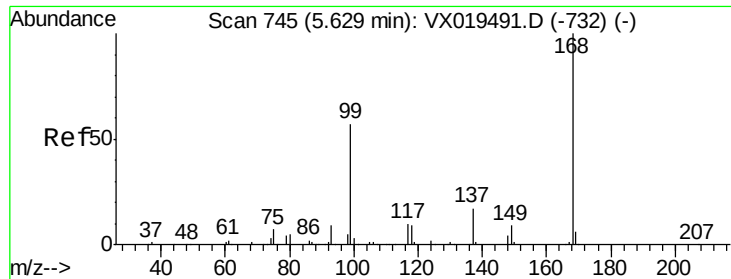
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019531.D

Acq: 21 Nov 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

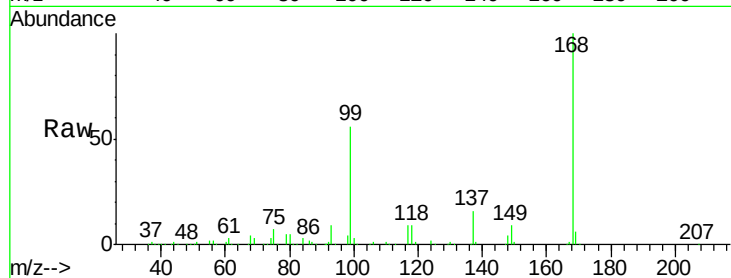
PB-2020-WS-000-04

Tot Ion:168 Resp: 327619

Ion Ratio Lower Upper

168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

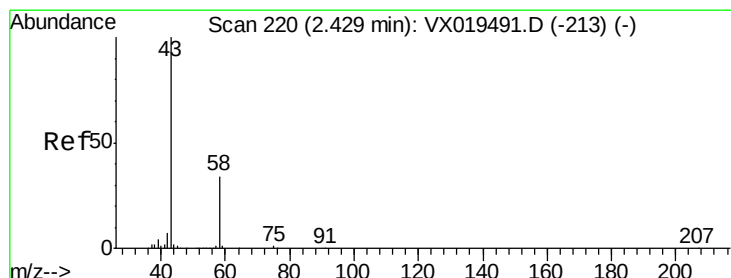
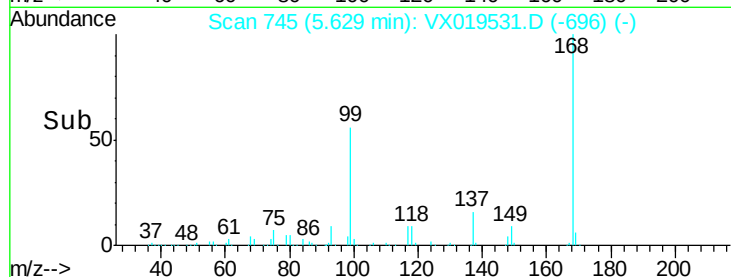
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 22.549 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019531.D

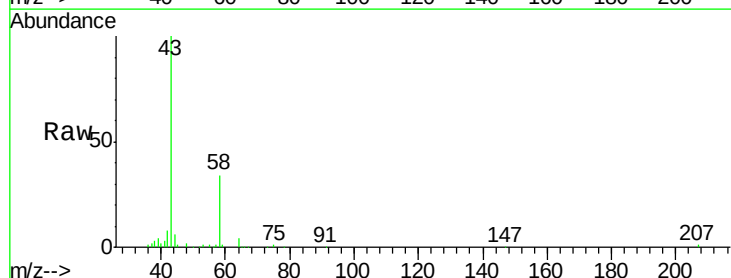
Acq: 21 Nov 2020 06:41

Tgt Ion: 43 Resp: 37042

Ion Ratio Lower Upper

43 100

58 34.6 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

25000

20000

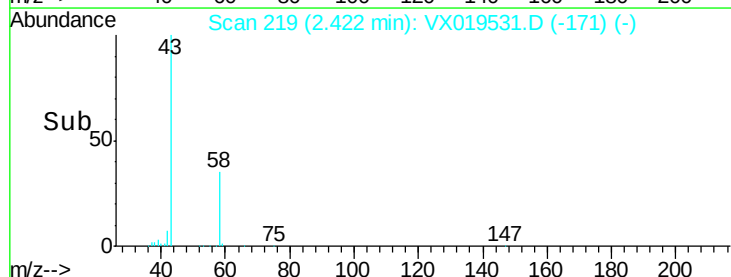
15000

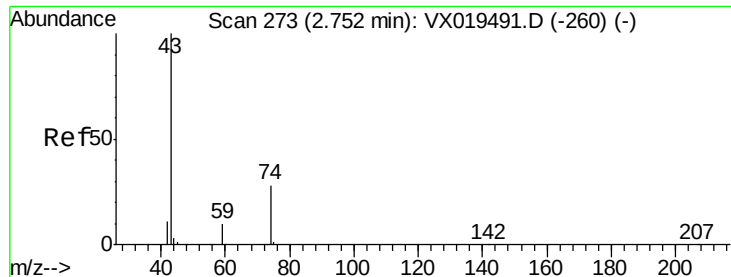
10000

5000

0

Time-->

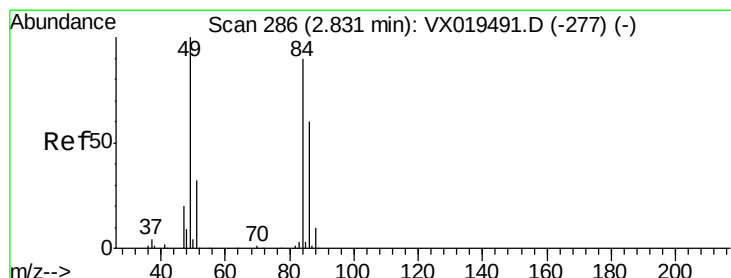
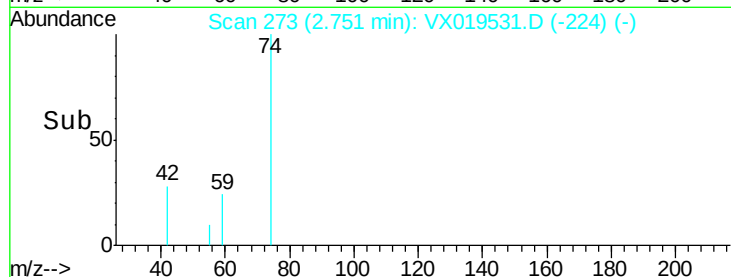
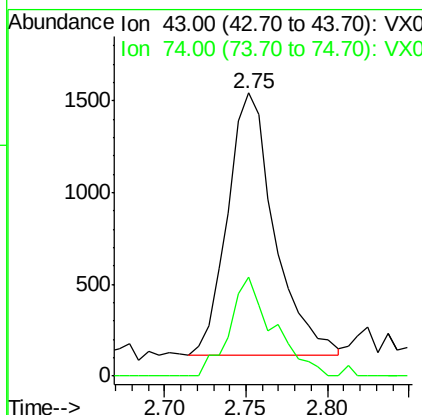
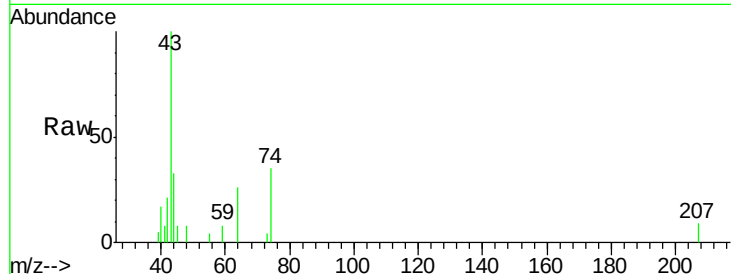




#18
Methvl Acetate
Concen: 1.338 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

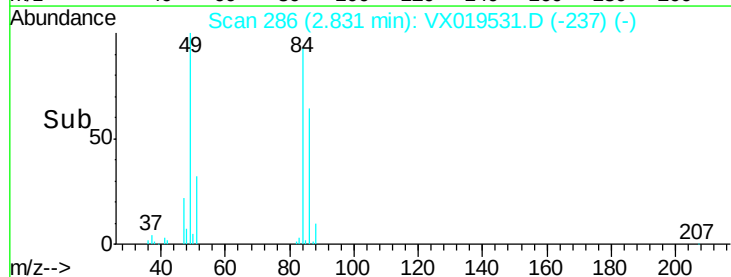
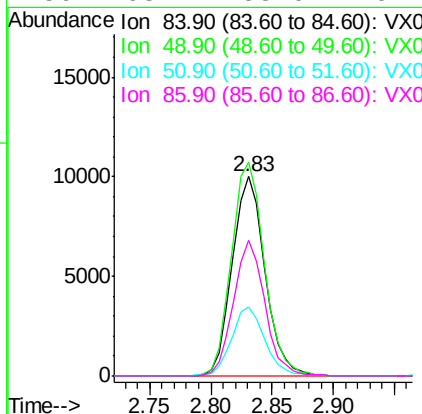
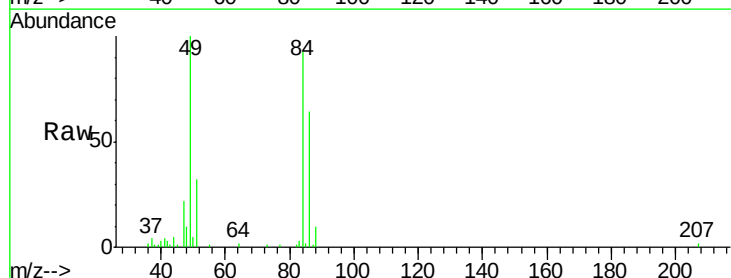
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-04

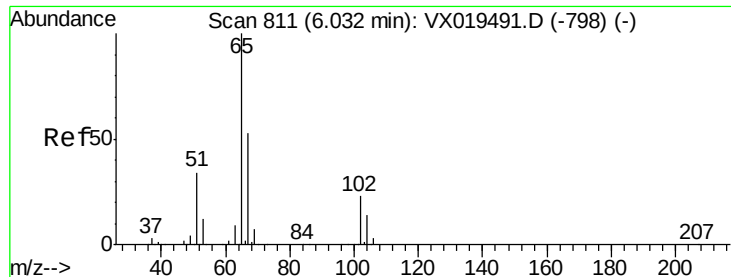
Tot Ion: 43 Resp: 2869
Ion Ratio Lower Upper
43 100
74 35.1 22.2 33.4#



#20
Methylene Chloride
Concen: 4.512 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

Tgt Ion: 84 Resp: 18526
Ion Ratio Lower Upper
84 100
49 107.1 88.5 132.7
51 34.5 28.0 42.0
86 68.4 53.0 79.4

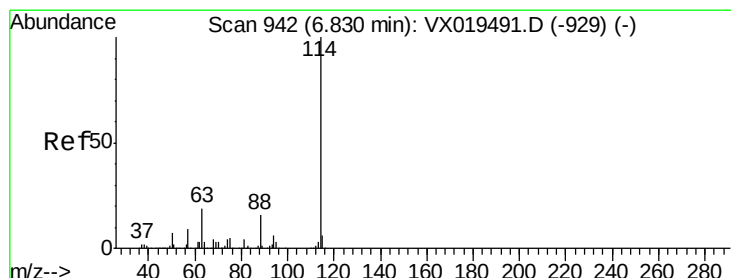
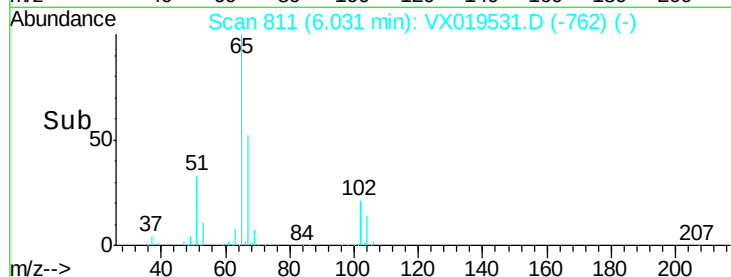
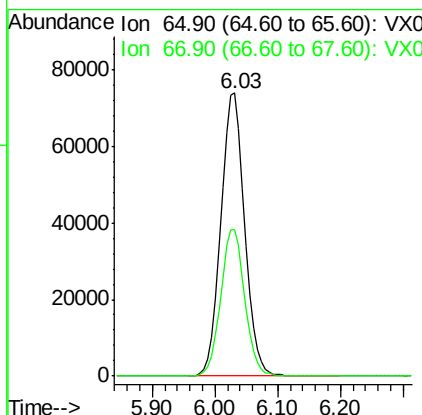
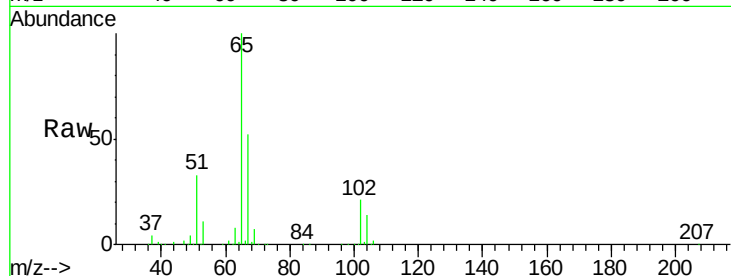




#33
 1,2-Dichloroethane-d4
 Concen: 45.649 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019531.D
 Acq: 21 Nov 2020 06:41

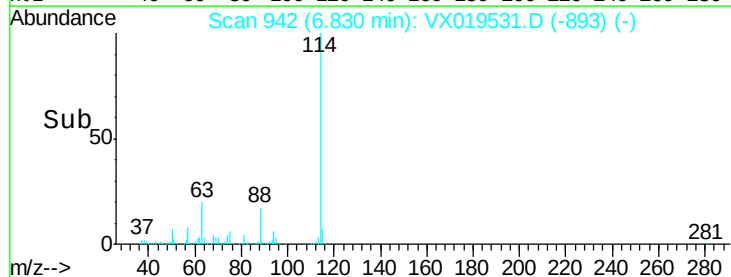
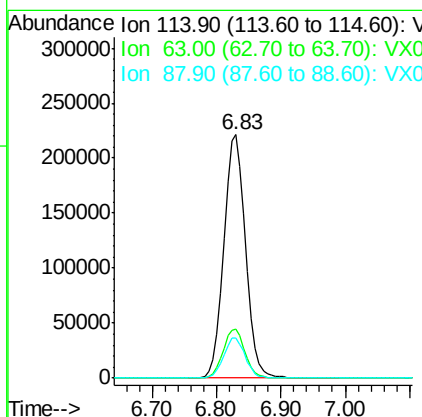
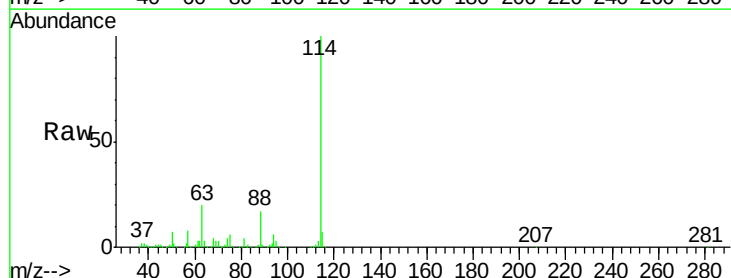
Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WS-000-04

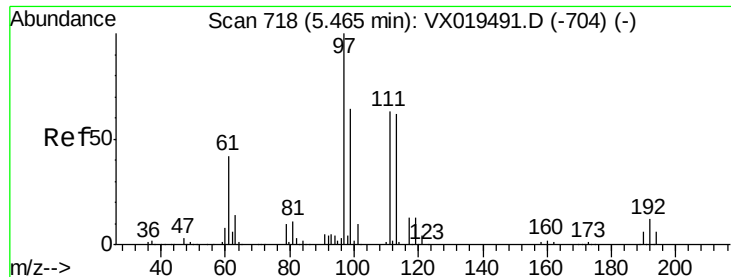
Tot Ion: 65 Resp: 193909
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019531.D
 Acq: 21 Nov 2020 06:41

Tgt Ion: 114 Resp: 527688
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.8
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.406 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019531.D

Acq: 21 Nov 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-04

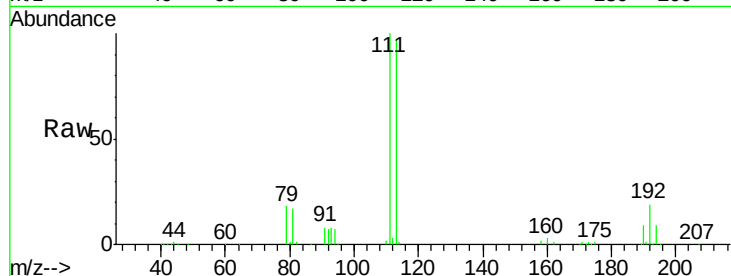
Tot Ion:113 Resp: 157022

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

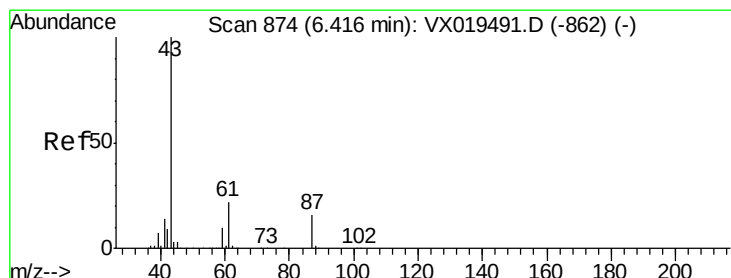
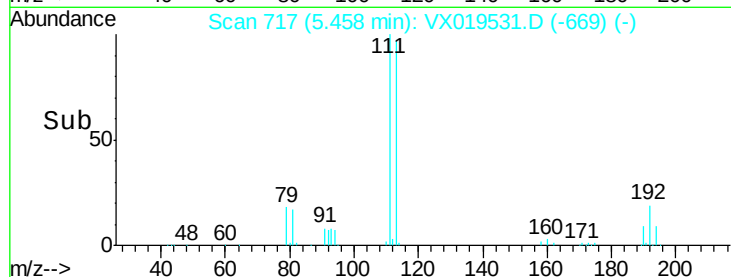
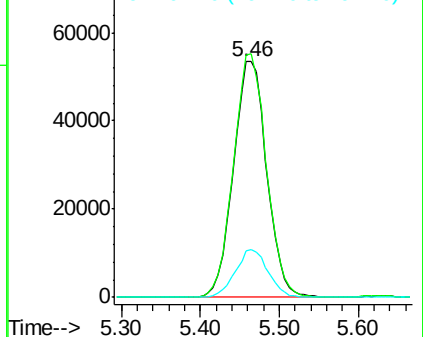
192 19.9 16.2 24.2



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



#43

Isopropyl Acetate

Concen: 4.412 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019531.D

Acq: 21 Nov 2020 06:41

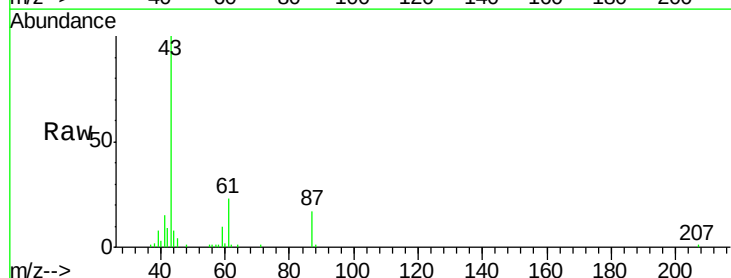
Tgt Ion: 43 Resp: 34446

Ion Ratio Lower Upper

43 100

61 23.2 18.2 27.2

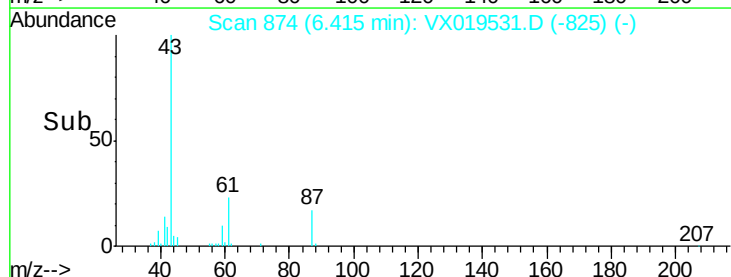
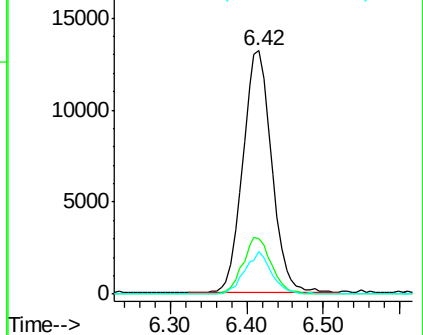
87 15.9 12.6 18.8

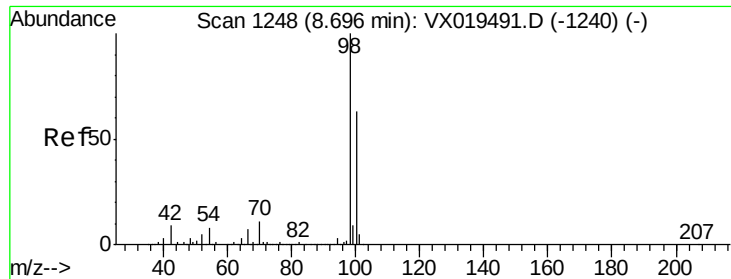


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

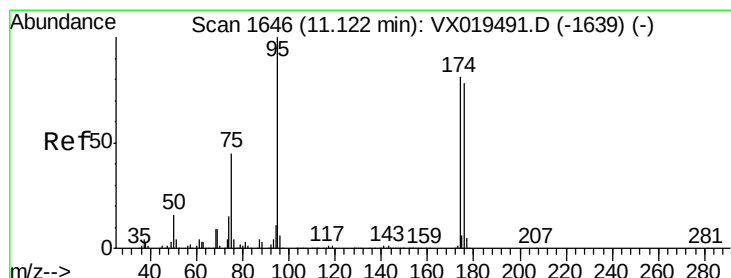
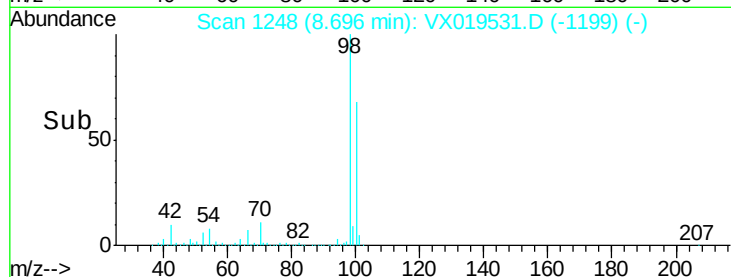
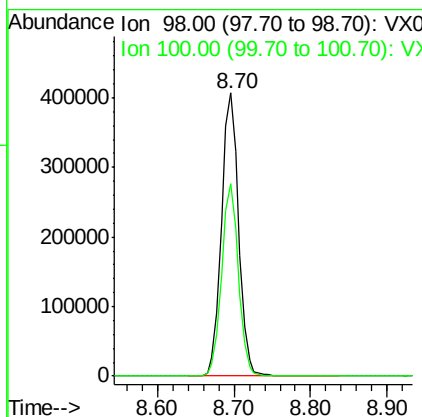
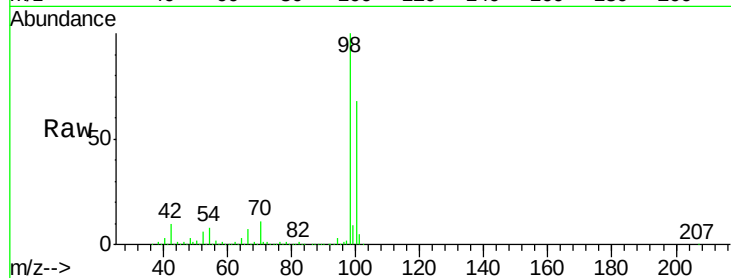




#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

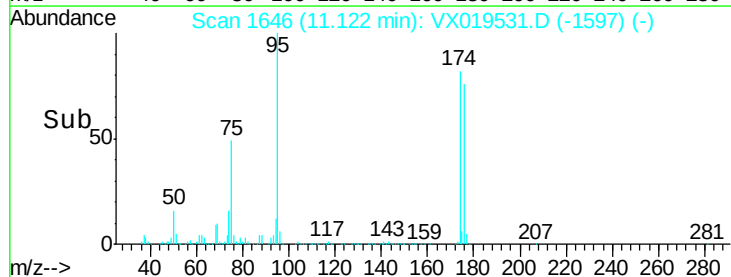
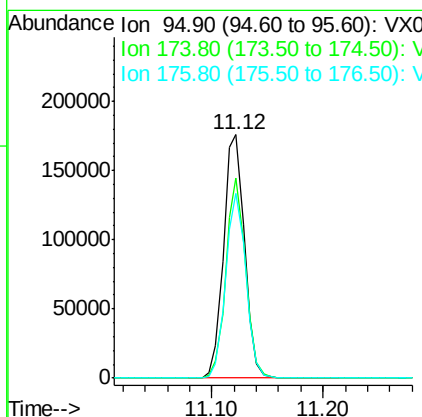
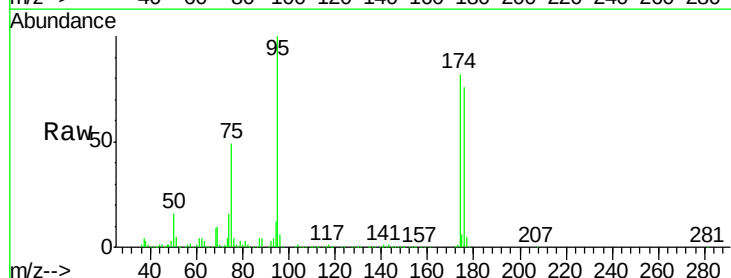
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-04

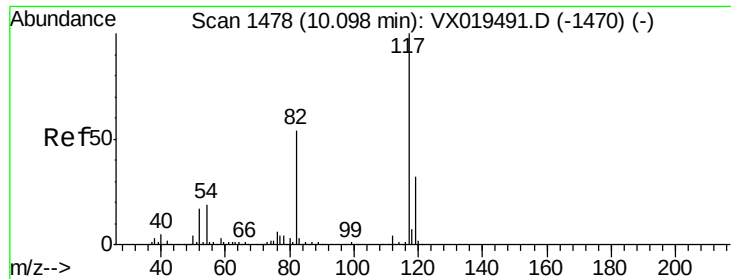
Tot Ion: 98 Resp: 630042
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.456 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

Tgt Ion: 95 Resp: 229026
Ion Ratio Lower Upper
95 100
174 76.9 0.0 156.2
176 73.1 0.0 151.4

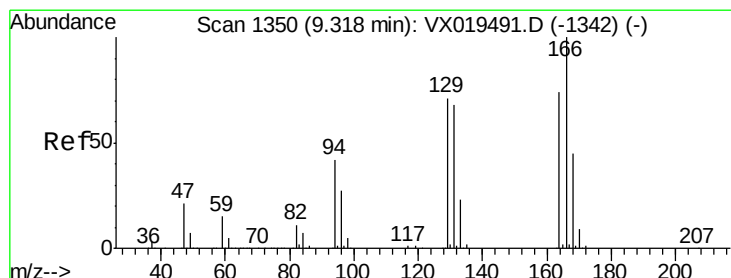
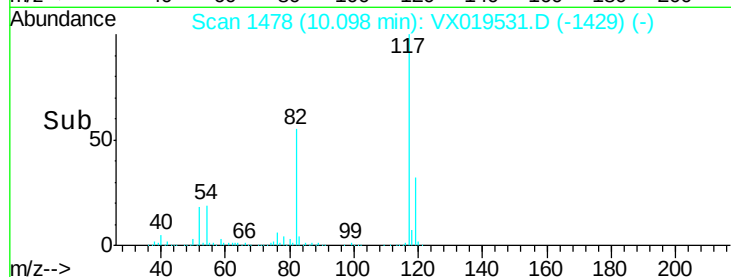
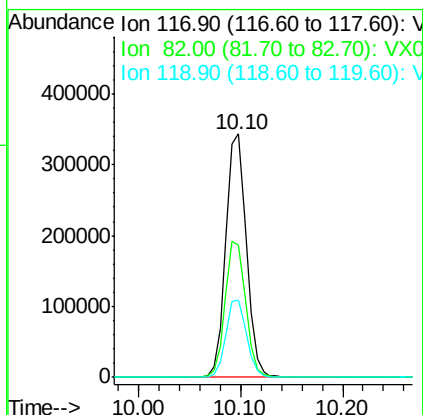
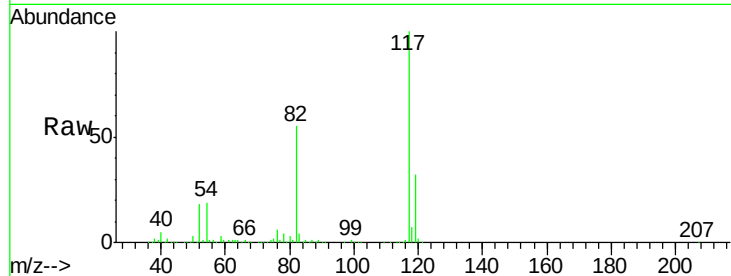




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

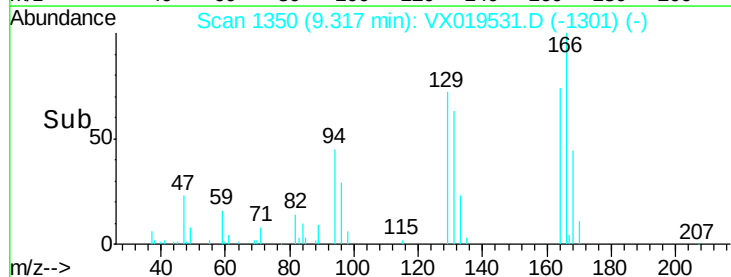
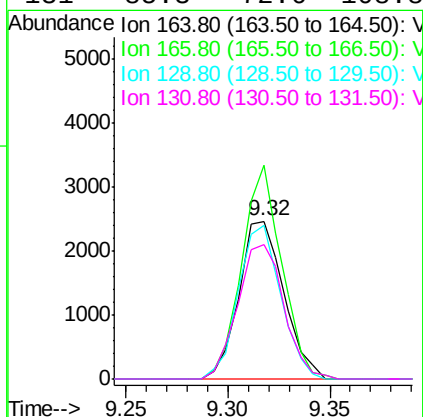
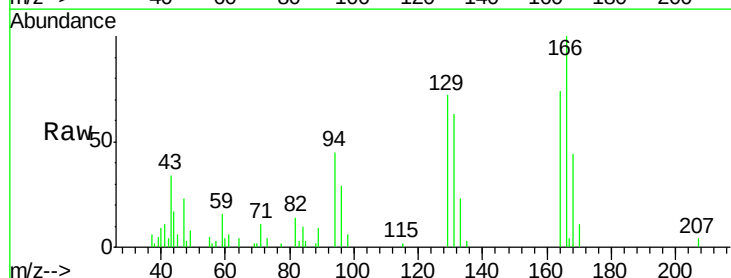
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WS-000-04

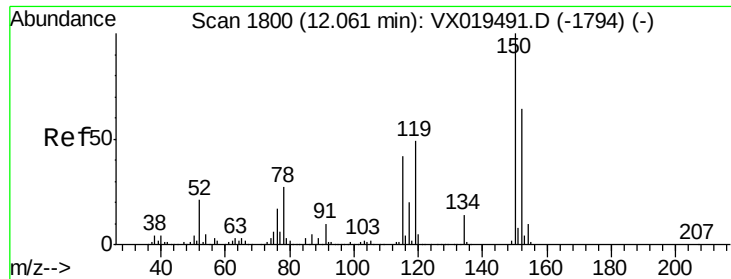
Tot Ion:117 Resp: 478558
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 1.003 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019531.D
Acq: 21 Nov 2020 06:41

Tgt Ion:164 Resp: 3773
Ion Ratio Lower Upper
164 100
166 135.2 107.4 161.0
129 96.9 76.6 114.8
131 85.3 72.6 108.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019531.D

Acq: 21 Nov 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WS-000-04

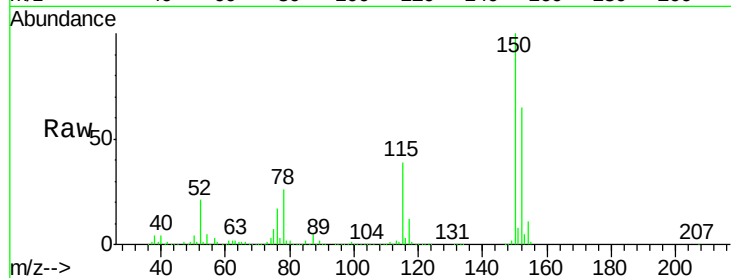
Tot Ion:152 Resp: 208215

Ion Ratio Lower Upper

152 100

115 61.2 41.8 125.4

150 156.4 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

