

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019613.D
 Acq On : 24 Nov 2020 18:15
 Operator : JC/MD
 Sample : L4845-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH-TP

Quant Time: Nov 25 05:53:16 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	5.62	168	296277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183175	47.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.36%		
35) Dibromofluoromethane	5.46	113	145423	47.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.38%		
50) Toluene-d8	8.70	98	589219	49.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.46%		
62) 4-Bromofluorobenzene	11.12	95	197090	46.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.46%		

Target Compounds

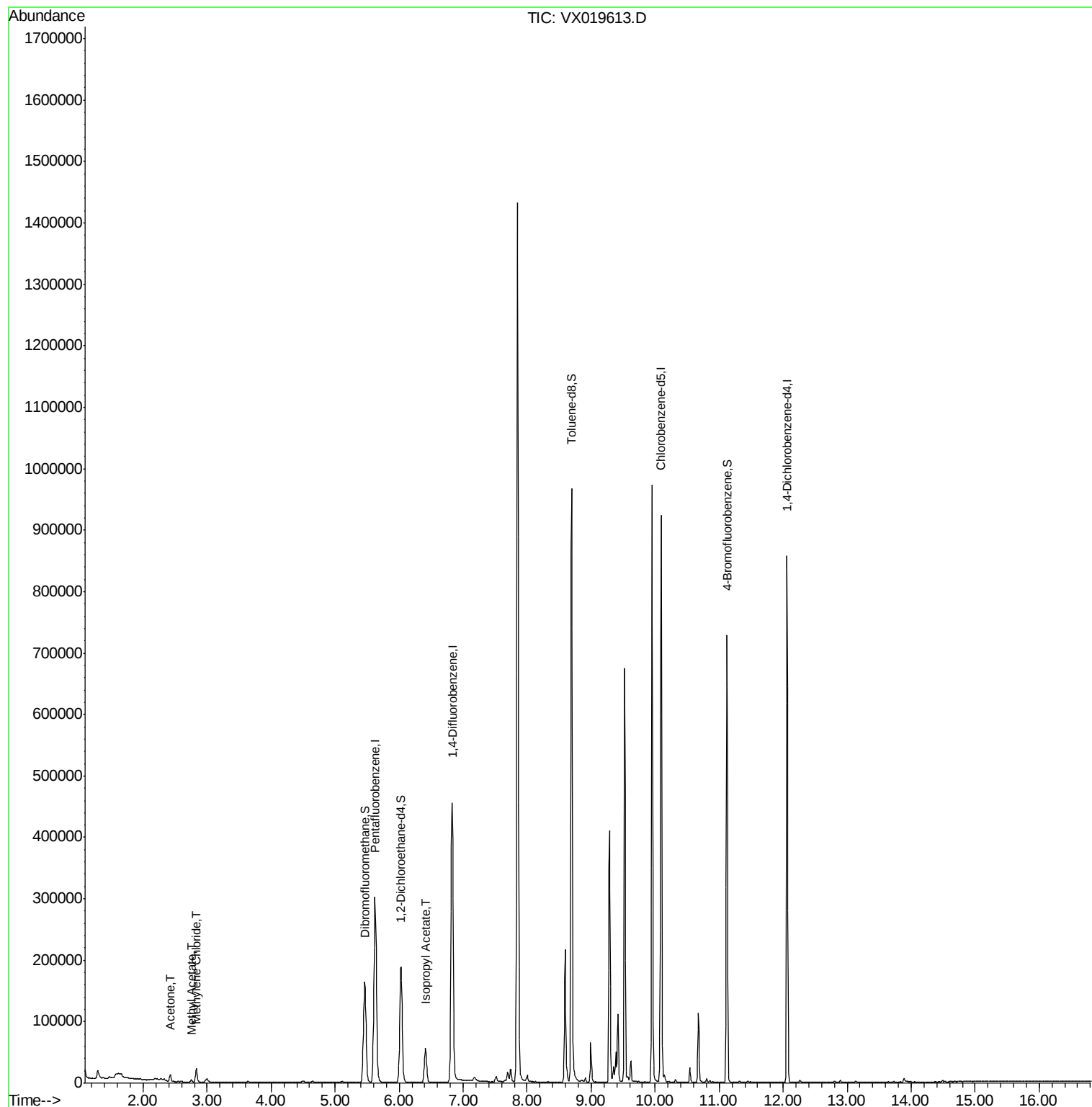
					Qvalue
16) Acetone	2.42	43	11646	7.839	ug/l 96
18) Methyl Acetate	2.75	43	4820	1.941	ug/l 99
20) Methylene Chloride	2.83	84	10346	2.786	ug/l 93
43) Isopropyl Acetate	6.42	43	74775	10.405	ug/l 99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019613.D

Acq: 24 Nov 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

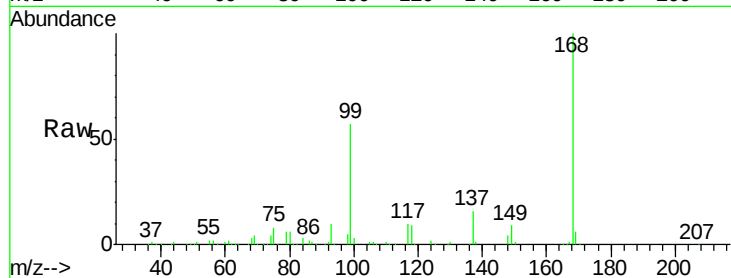
PH-TP

Tot Ion:168 Resp: 296277

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

5.62

120000

100000

80000

60000

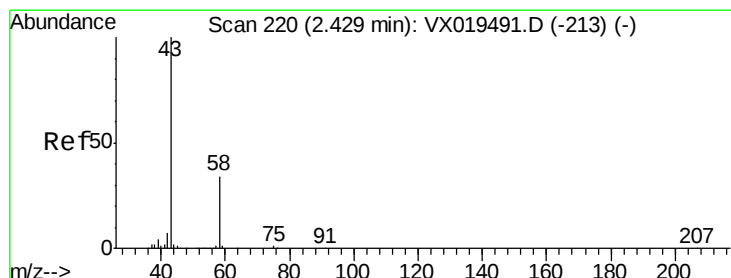
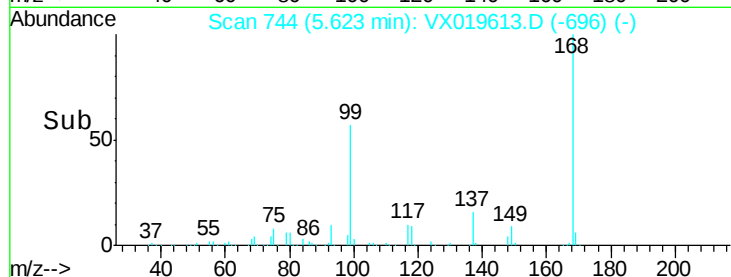
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 7.839 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019613.D

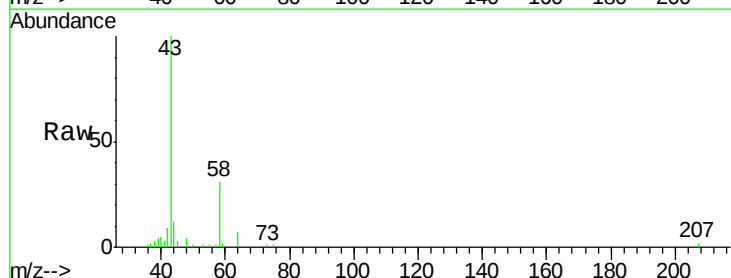
Acq: 24 Nov 2020 18:15

Tgt Ion: 43 Resp: 11646

Ion Ratio Lower Upper

43 100

58 31.9 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

8000

6000

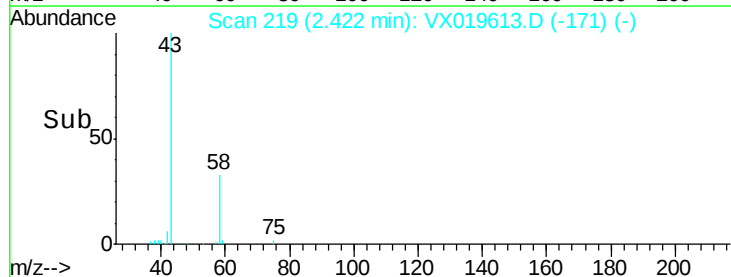
4000

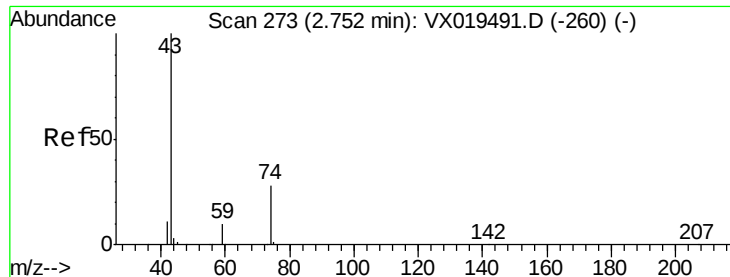
2000

0

2.35 2.40 2.45 2.50

Time-->





#18

Methvl Acetate

Concen: 1.941 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019613.D

Acq: 24 Nov 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

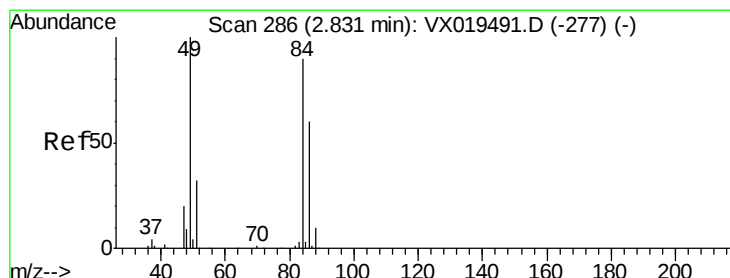
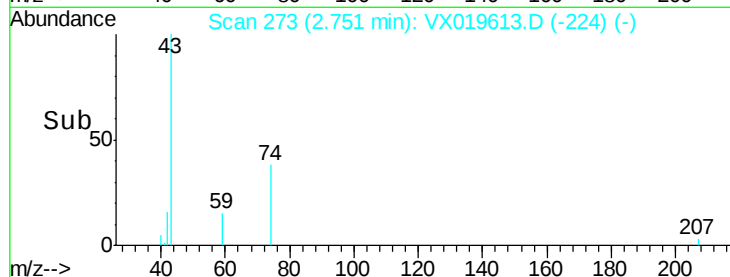
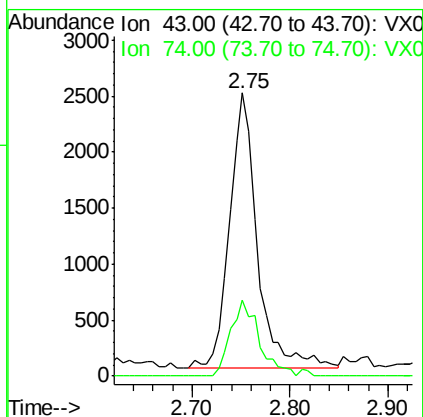
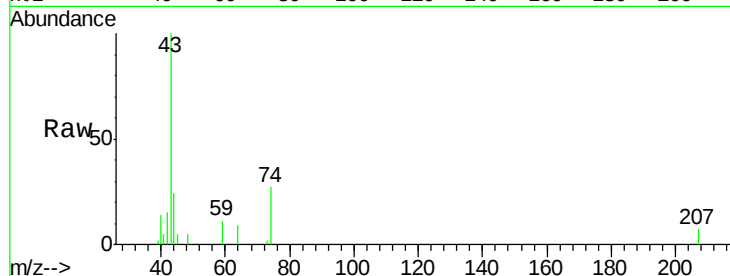
PH-TP

Tot Ion: 43 Resp: 4820

Ion Ratio Lower Upper

43 100

74 28.3 22.2 33.4



#20

Methylene Chloride

Concen: 2.786 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019613.D

Acq: 24 Nov 2020 18:15

Tgt Ion: 84 Resp: 10346

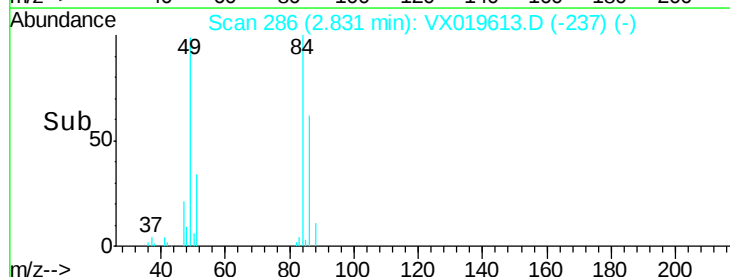
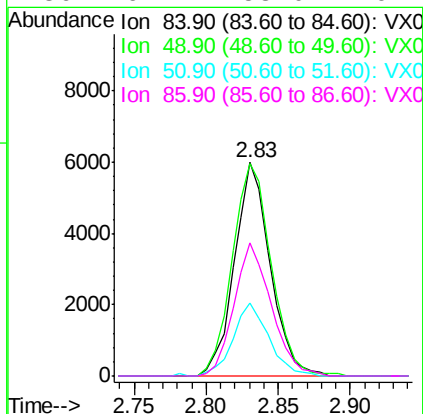
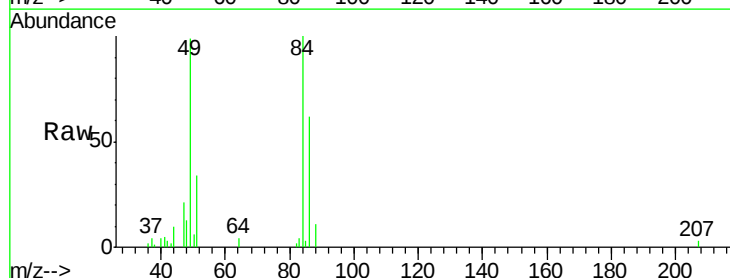
Ion Ratio Lower Upper

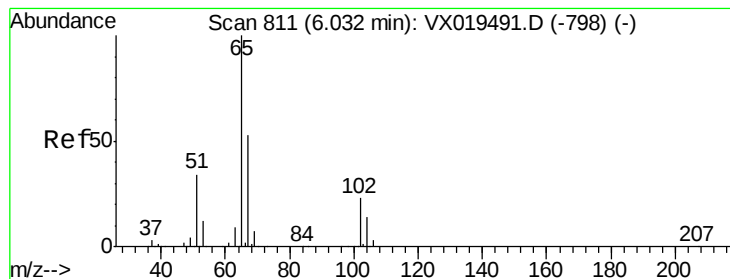
84 100

49 99.5 88.5 132.7

51 34.5 28.0 42.0

86 62.4 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 47.683 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019613.D

Acq: 24 Nov 2020 18:15

Instrument :

MSVOA_X

ClientSampleId :

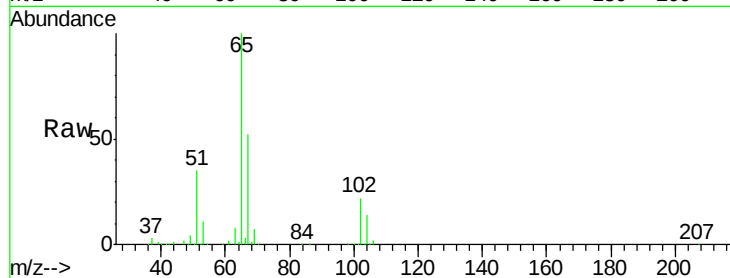
PH-TP

Tot Ion: 65 Resp: 183175

Ion Ratio Lower Upper

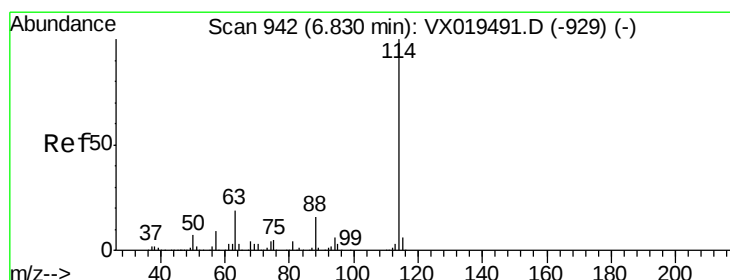
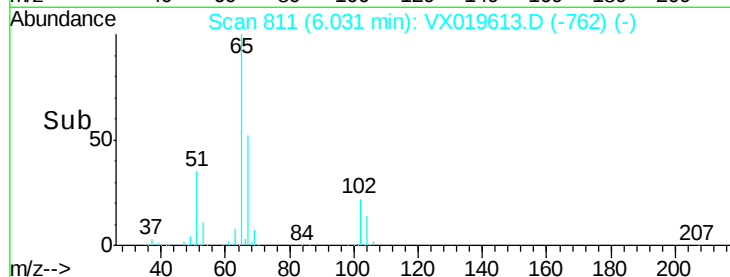
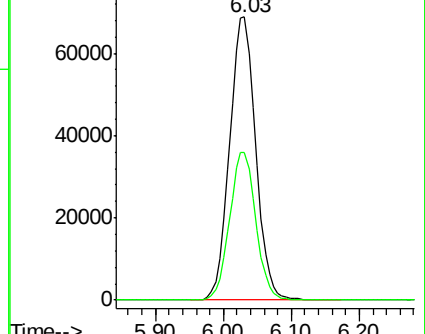
65 100

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: VX019613.D

Acq: 24 Nov 2020 18:15

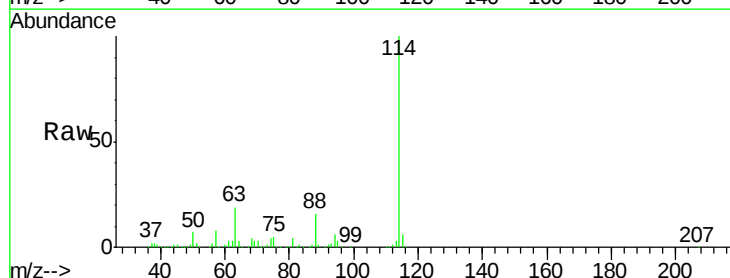
Tgt Ion: 114 Resp: 485749

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

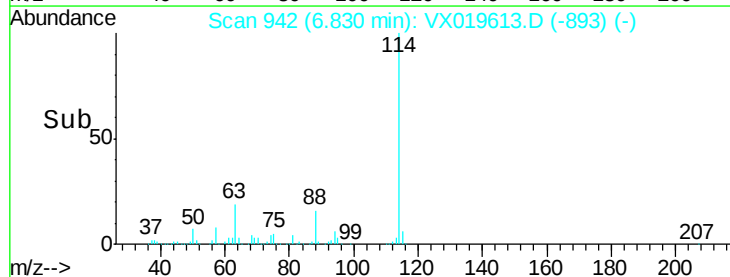
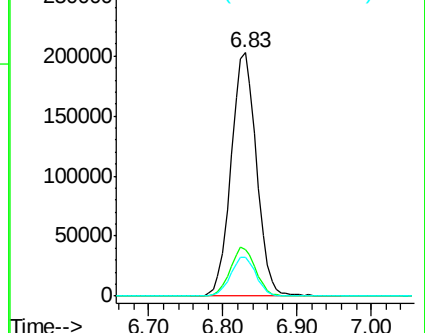
88 15.9 0.0 31.6

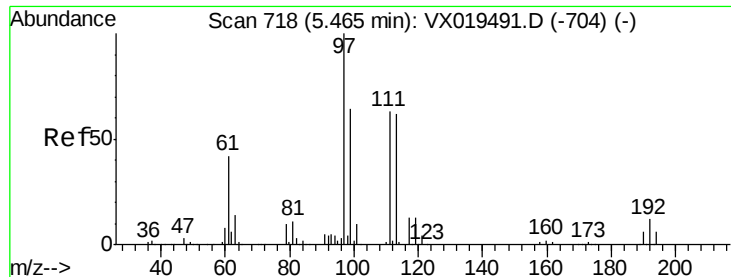


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

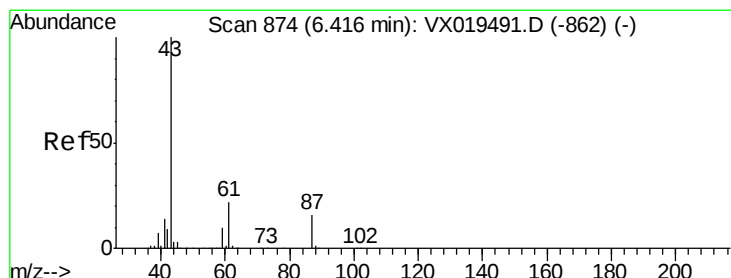
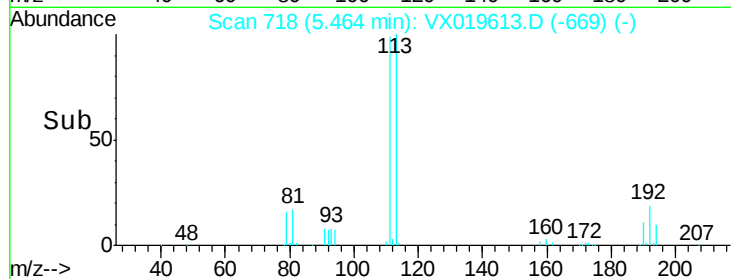
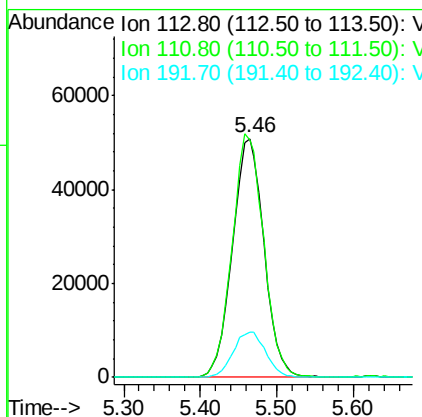
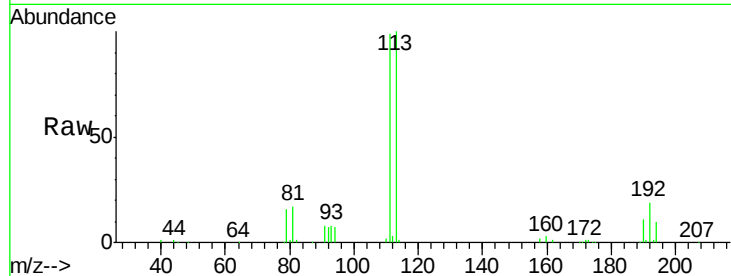




#35
 Dibromofluoromethane
 Concen: 47.695 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019613.D
 Acq: 24 Nov 2020 18:15

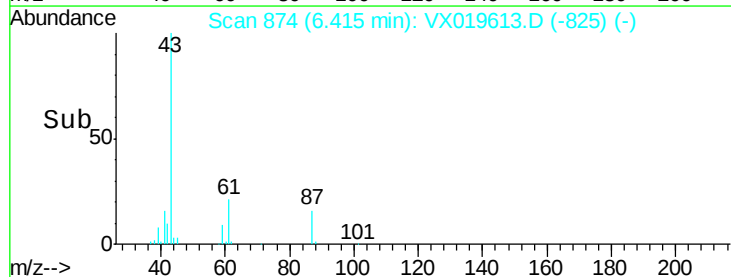
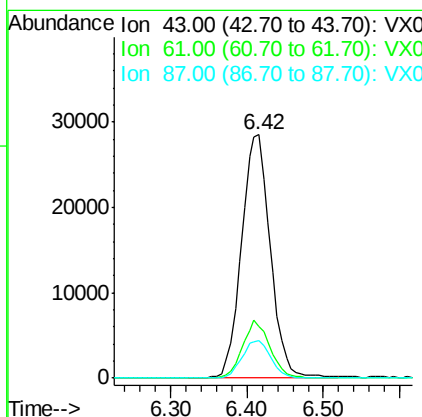
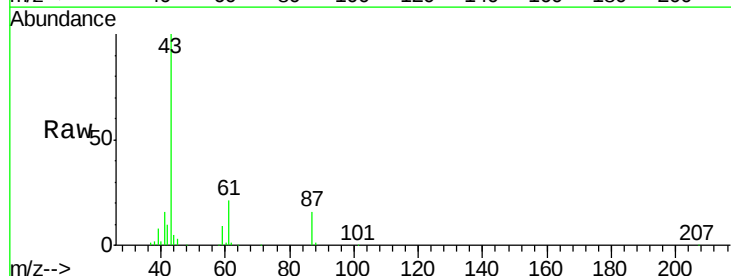
Instrument :
 MSVOA_X
 ClientSampleId :
 PH-TP

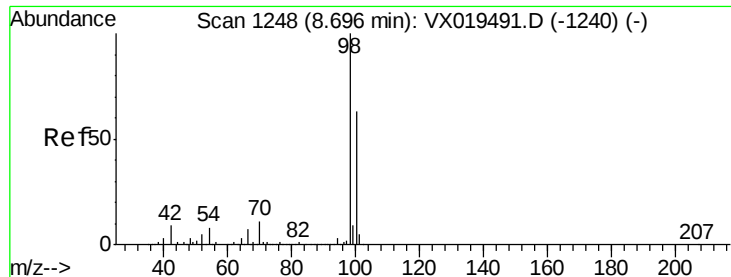
Tot Ion:113 Resp: 145423
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 19.8 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 10.405 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019613.D
 Acq: 24 Nov 2020 18:15

Tgt Ion: 43 Resp: 74775
 Ion Ratio Lower Upper
 43 100
 61 22.4 18.2 27.2
 87 15.2 12.6 18.8

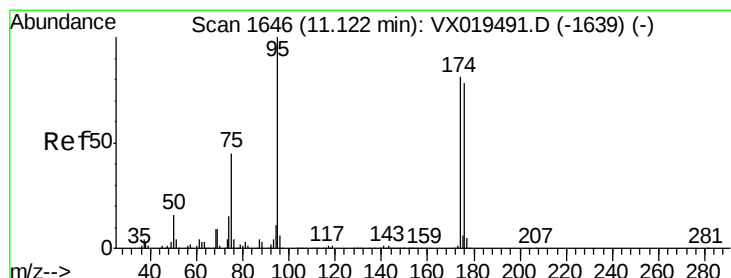
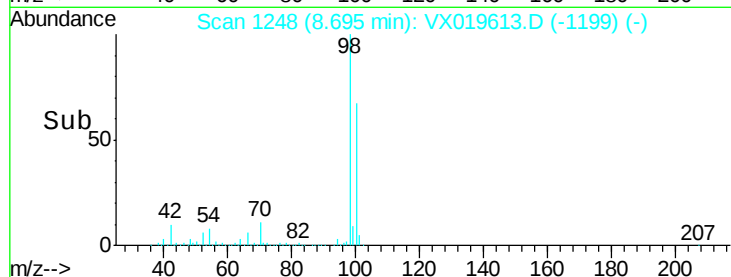
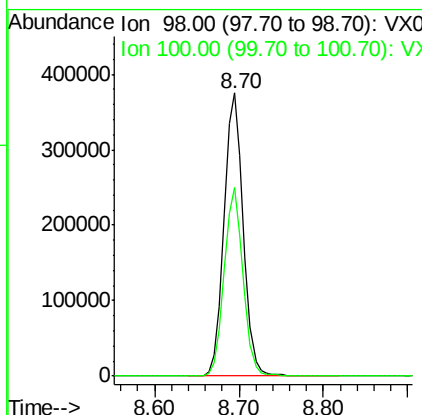
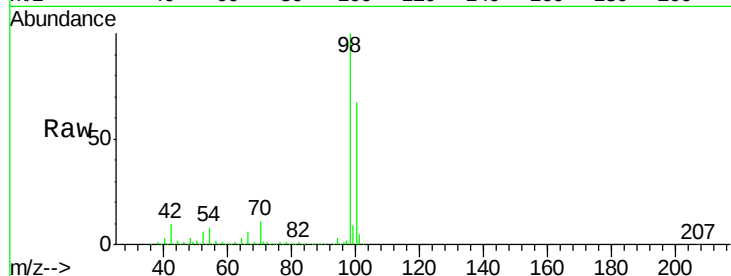




#50
Toluene-d8
Concen: 49.730 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019613.D
Acq: 24 Nov 2020 18:15

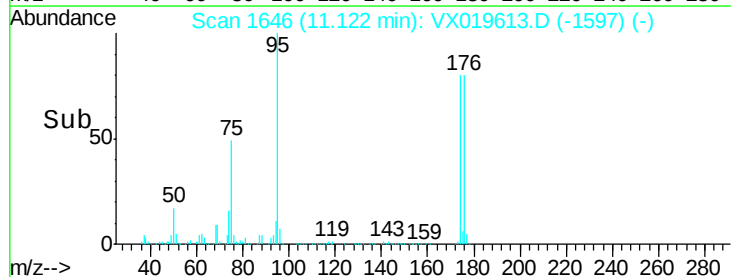
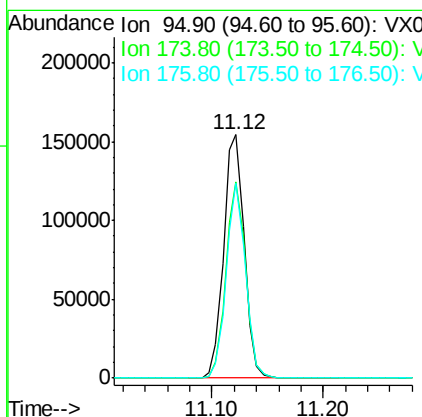
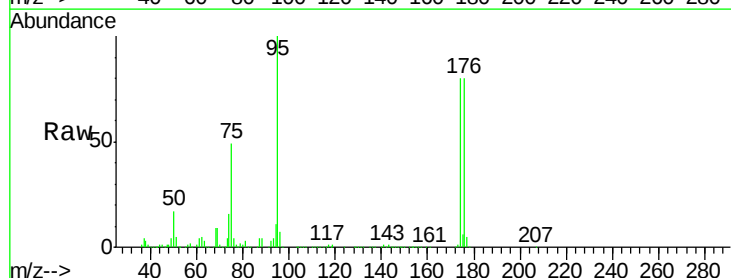
Instrument :
MSVOA_X
ClientSampleId :
PH-TP

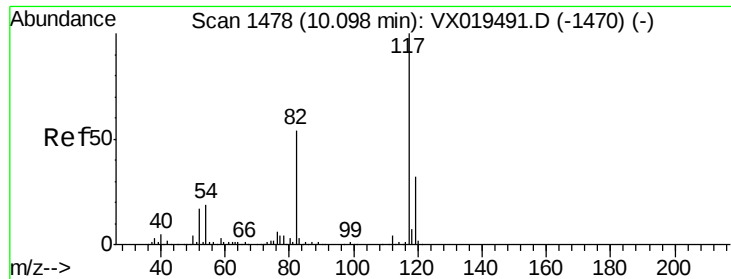
Tot Ion: 98 Resp: 589219
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.234 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019613.D
Acq: 24 Nov 2020 18:15

Tgt Ion: 95 Resp: 197090
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.2
176 74.7 0.0 151.4

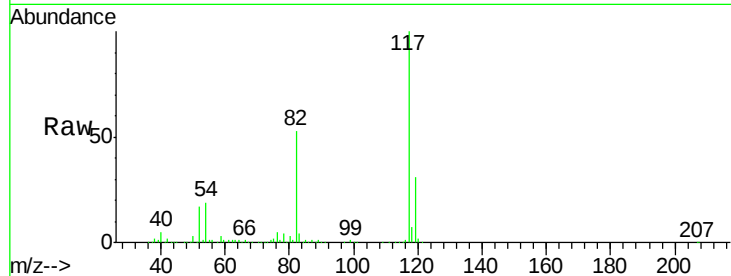




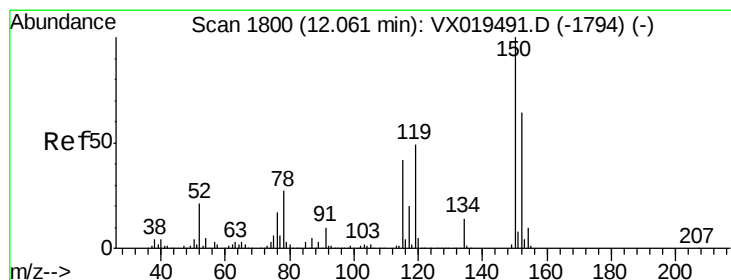
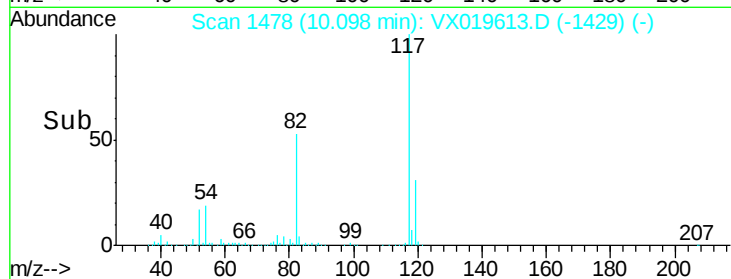
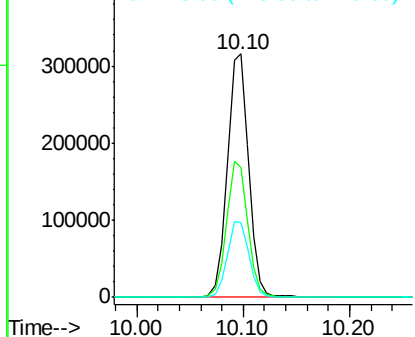
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019613.D
Acq: 24 Nov 2020 18:15

Instrument :
MSVOA_X
ClientSampleId :
PH-TP

Tot Ion:117 Resp: 442264
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 30.9 25.6 38.4

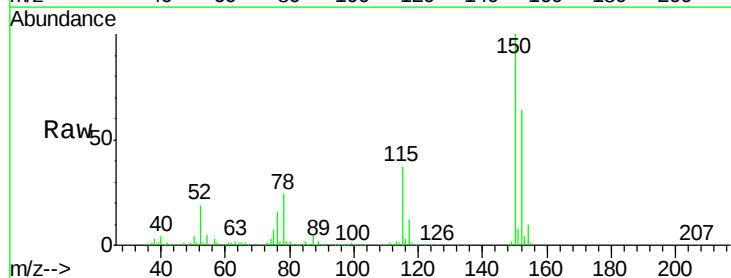


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019613.D
Acq: 24 Nov 2020 18:15

Tgt Ion:152 Resp: 173090
Ion Ratio Lower Upper
152 100
115 58.6 41.8 125.4
150 155.2 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

