

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019615.D
 Acq On : 24 Nov 2020 19:01
 Operator : JC/MD
 Sample : L4882-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-0-1

Quant Time: Nov 25 05:56:53 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	308436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189989	47.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.02%		
35) Dibromofluoromethane	5.46	113	150410	47.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.34%		
50) Toluene-d8	8.70	98	603921	48.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.48%		
62) 4-Bromofluorobenzene	11.12	95	196652	44.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.22%		

Target Compounds

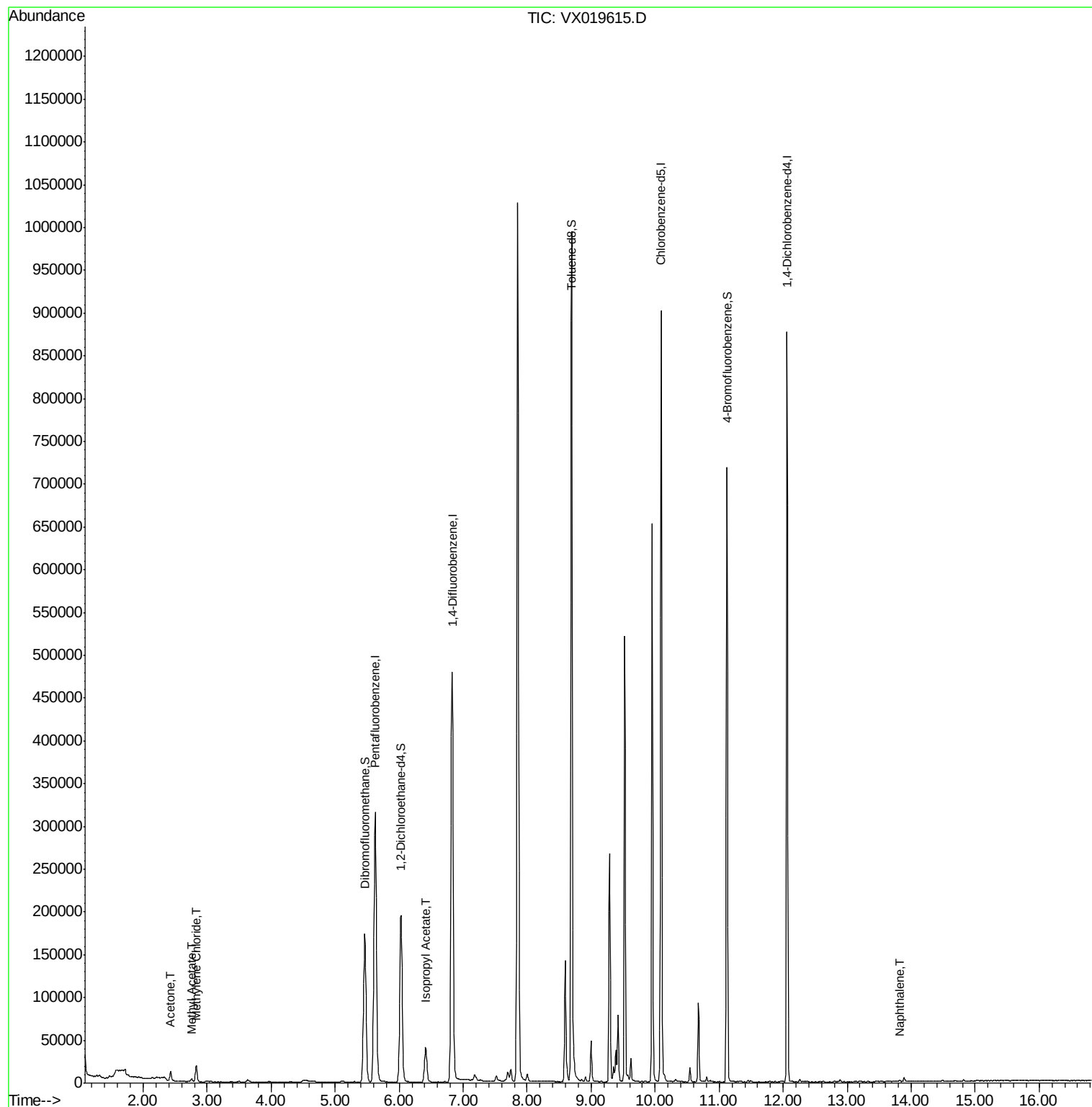
					Qvalue
16) Acetone	2.43	43	11645	7.530	ug/l 98
18) Methyl Acetate	2.76	43	4811	1.887	ug/l 99
20) Methylene Chloride	2.83	84	9264	2.397	ug/l 92
43) Isopropyl Acetate	6.42	43	56989	7.582	ug/l 99
95) Naphthalene	13.82	128	1026	2.252	ug/l # 95

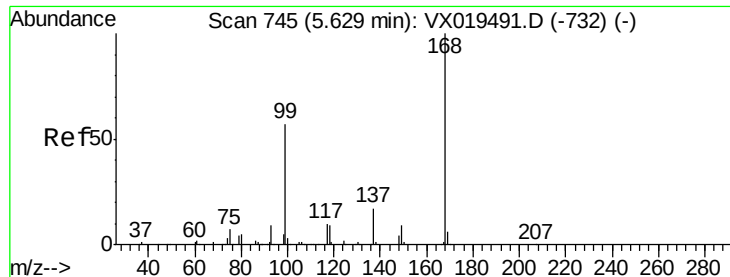
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PAV-B48-112320-0-1

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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: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

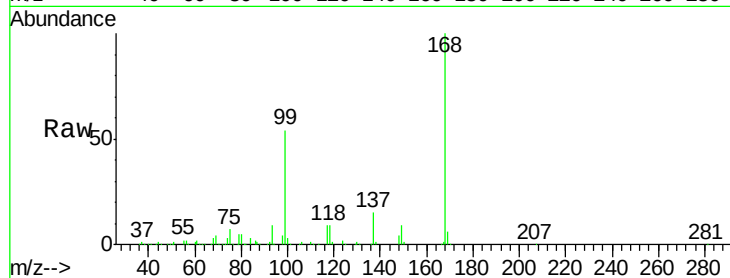
PAV-B48-112320-0-1

Tot Ion:168 Resp: 308436

Ion Ratio Lower Upper

168 100

99 54.1 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

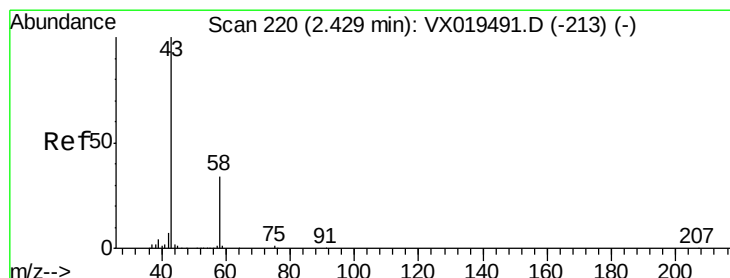
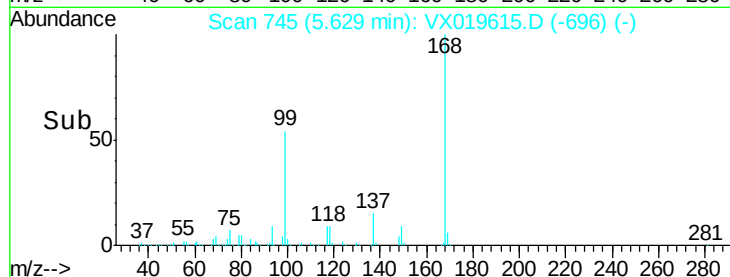
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.530 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019615.D

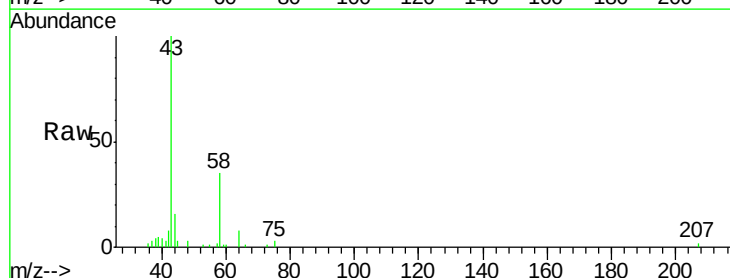
Acq: 24 Nov 2020 19:01

Tgt Ion: 43 Resp: 11645

Ion Ratio Lower Upper

43 100

58 35.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

6000

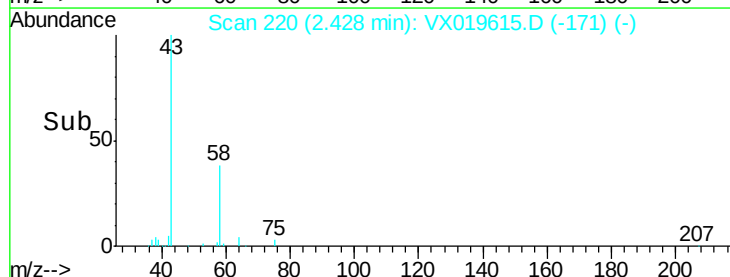
4000

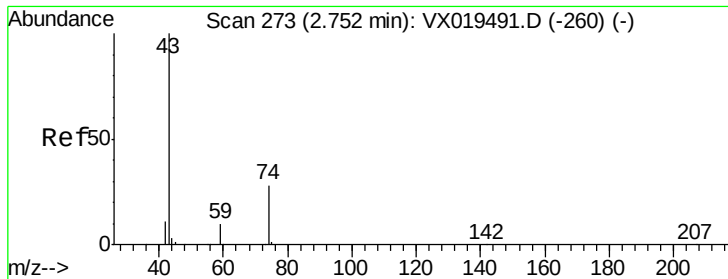
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 1.887 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

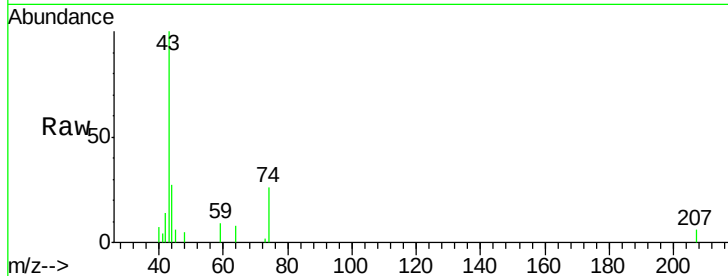
PAV-B48-112320-0-1

Tot Ion: 43 Resp: 4811

Ion Ratio Lower Upper

43 100

74 28.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

2500

2000

1500

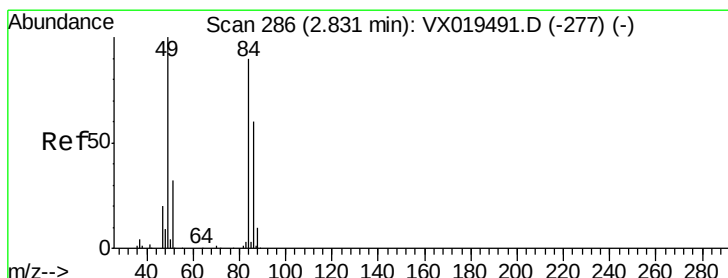
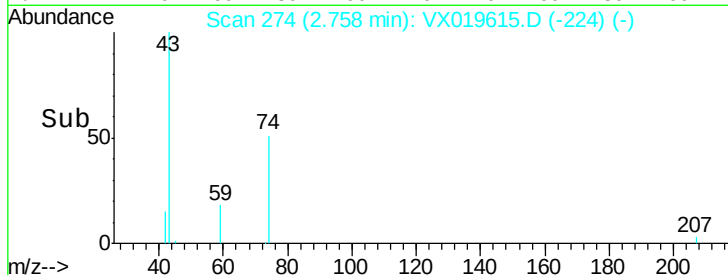
1000

500

0

2.70 2.75 2.80 2.85

Time-->



#20

Methylene Chloride

Concen: 2.397 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Tgt Ion: 84 Resp: 9264

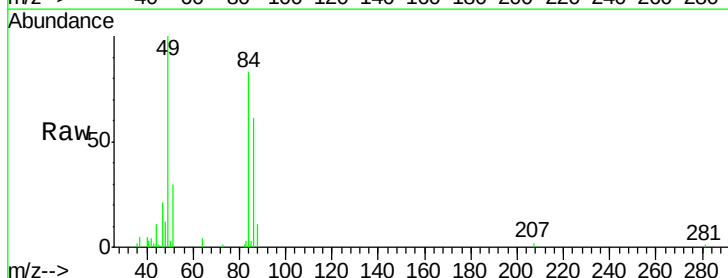
Ion Ratio Lower Upper

84 100

49 120.0 88.5 132.7

51 35.9 28.0 42.0

86 72.9 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

8000

6000

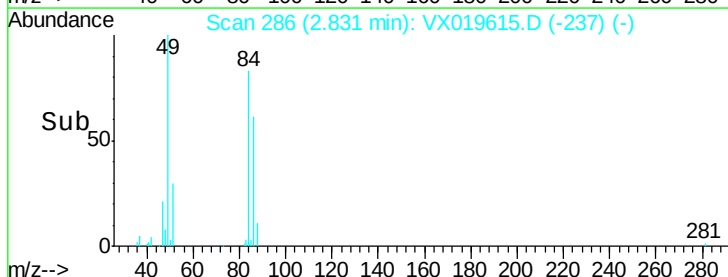
4000

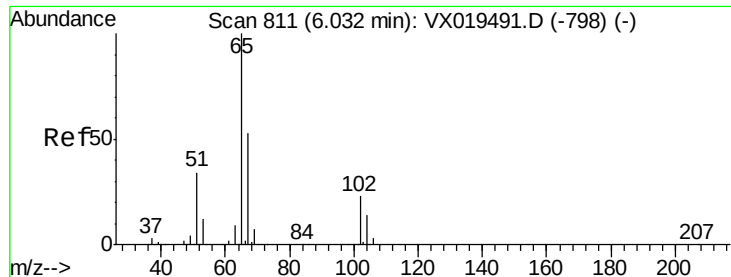
2000

0

2.75 2.80 2.85 2.90

Time-->

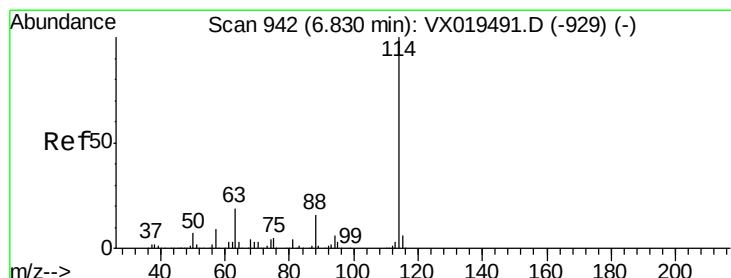
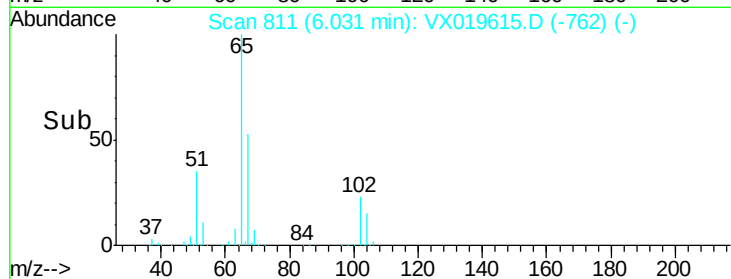
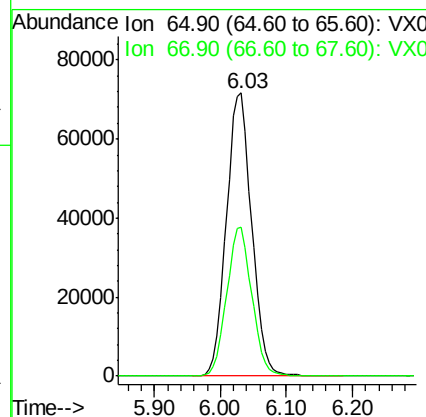
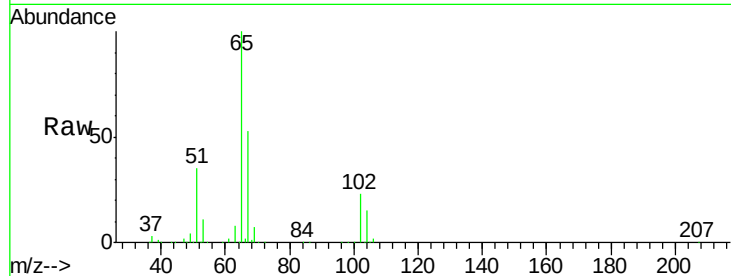




#33
 1,2-Dichloroethane-d4
 Concen: 47.508 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

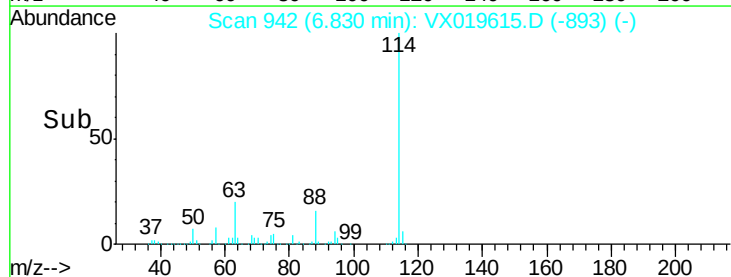
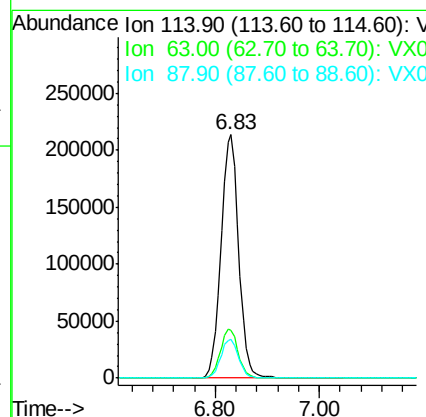
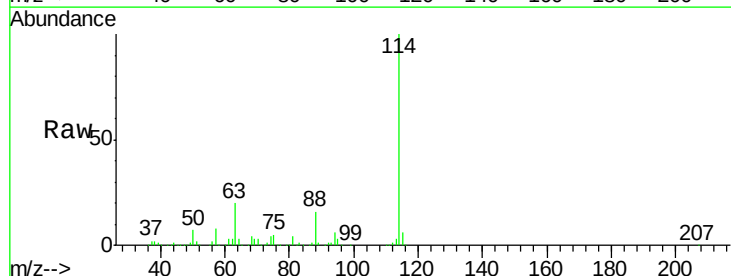
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-0-1

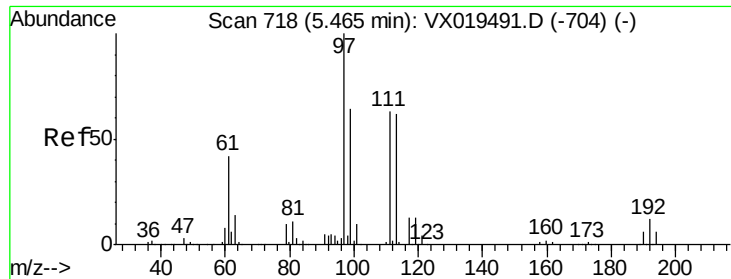
Tot Ion: 65 Resp: 189989
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

Tgt Ion: 114 Resp: 508031
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 16.0 0.0 31.6

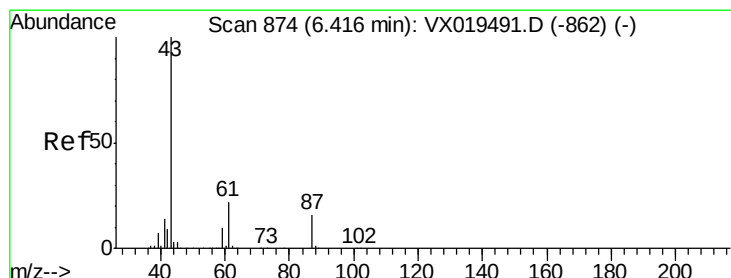
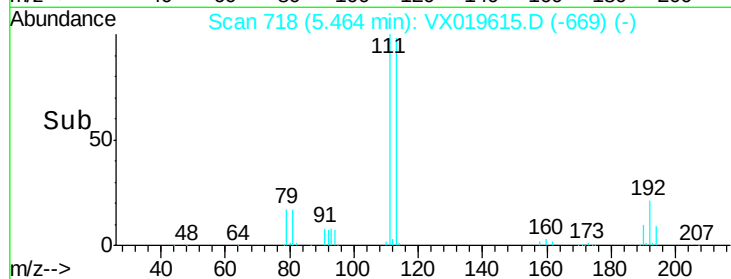
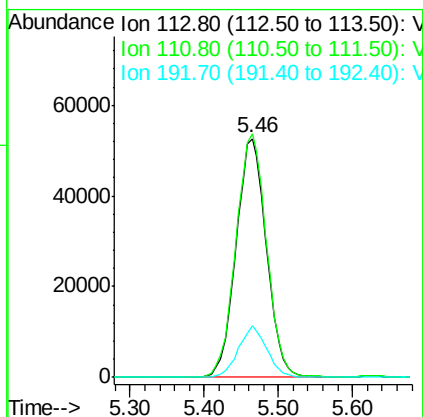
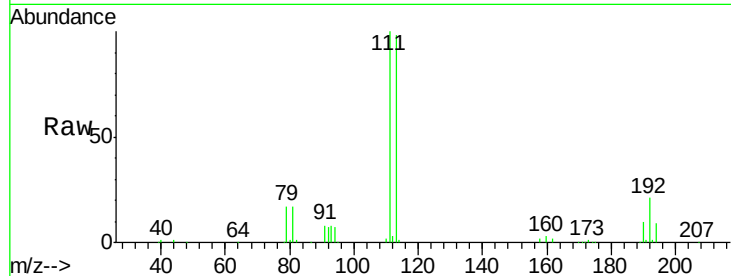




#35
 Dibromofluoromethane
 Concen: 47.167 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

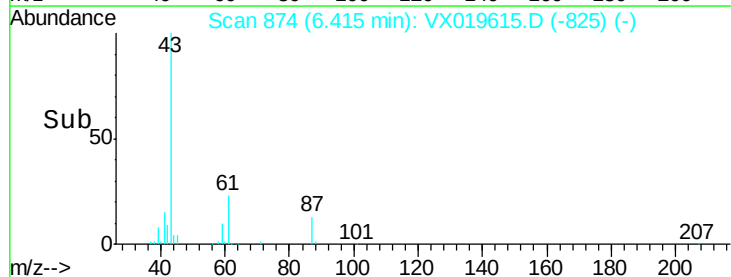
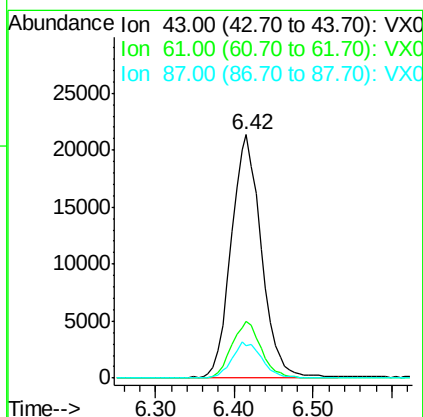
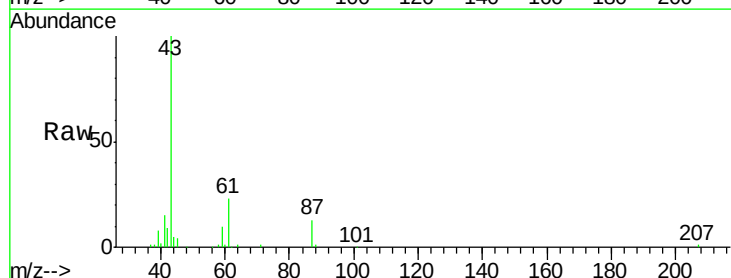
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-0-1

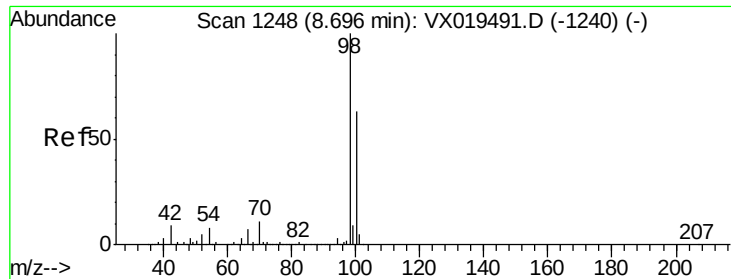
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	20.2	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 7.582 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.2
87	14.5	12.6	18.8

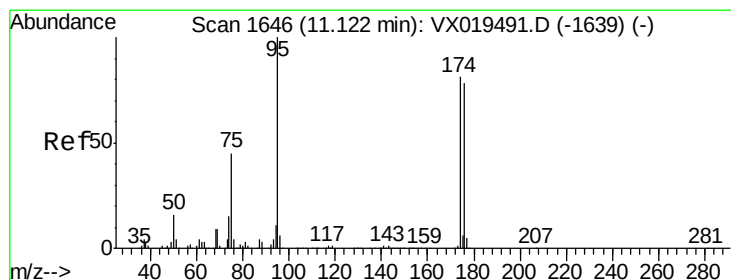
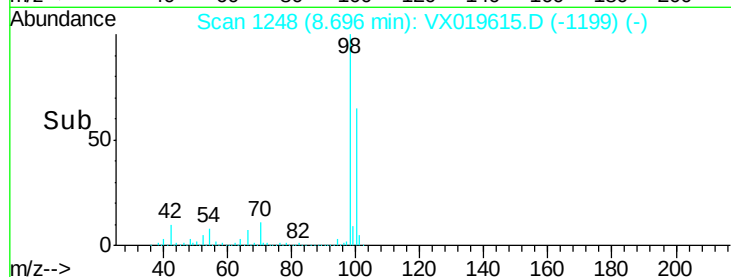
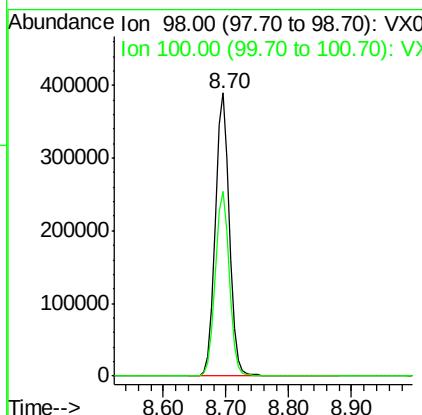
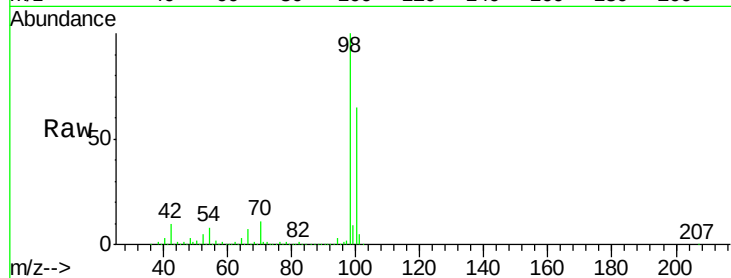




#50
Toluene-d8
Concen: 48.736 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

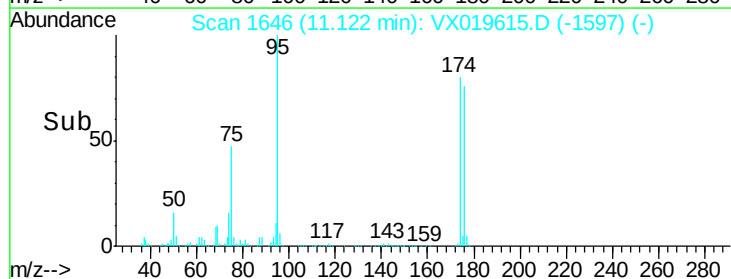
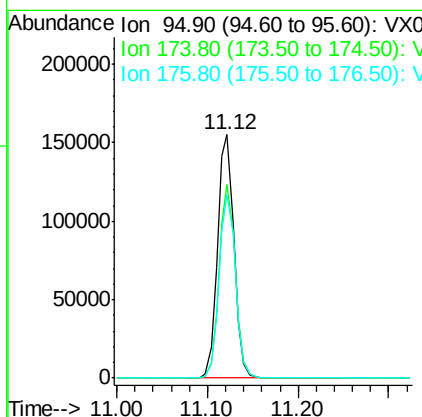
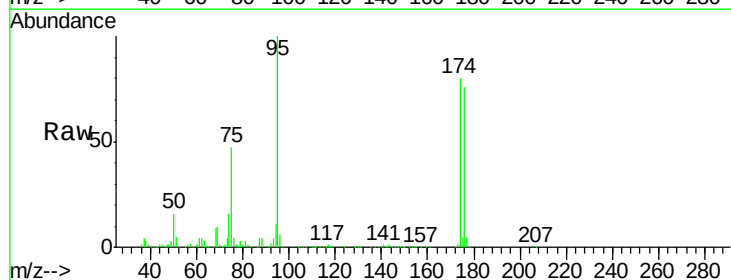
Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-0-1

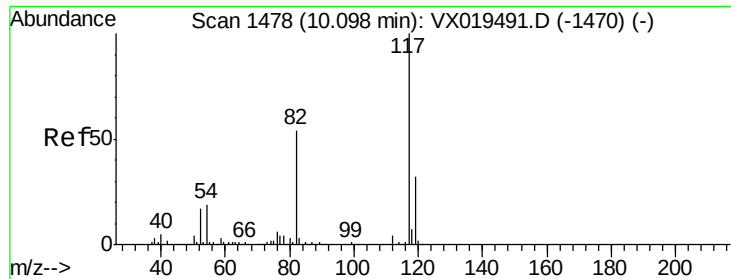
Tot Ion: 98 Resp: 603921
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.108 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

Tgt Ion: 95 Resp: 196652
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.2
176 74.9 0.0 151.4

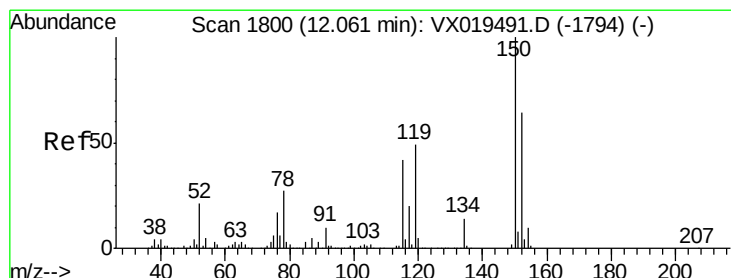
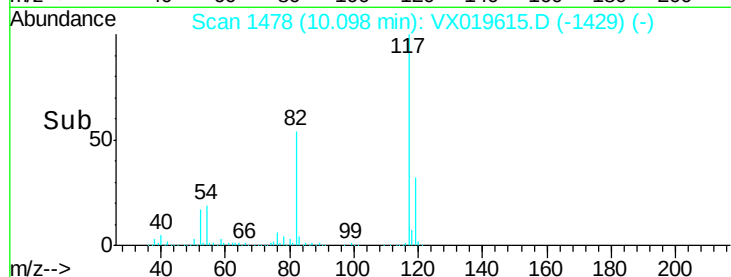
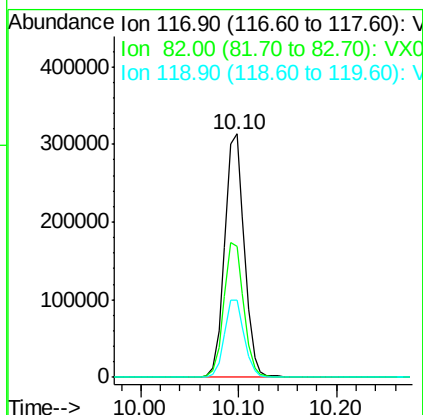
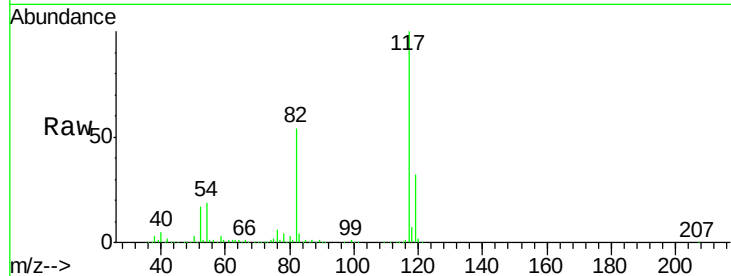




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

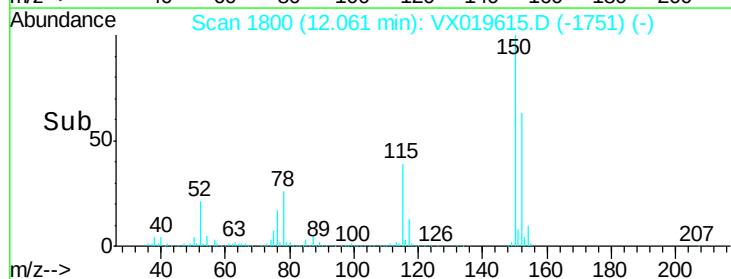
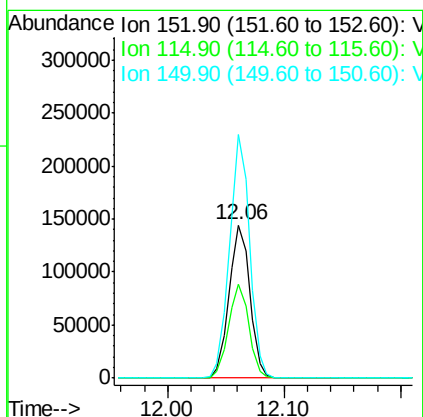
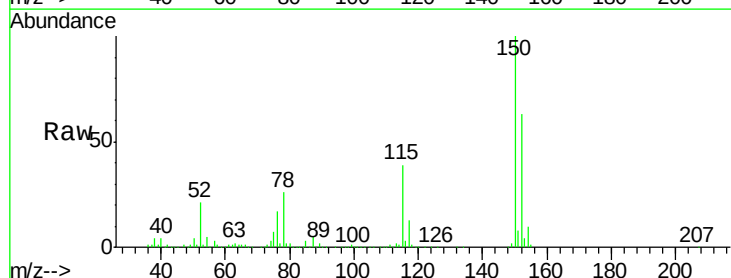
Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-0-1

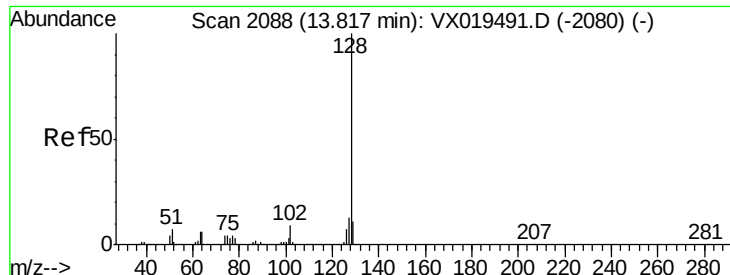
Tot Ion:117 Resp: 436625
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

Tgt Ion:152 Resp: 179965
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 154.4 0.0 348.2





#95

Naphthalene

Concen: 2.252 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019615.D

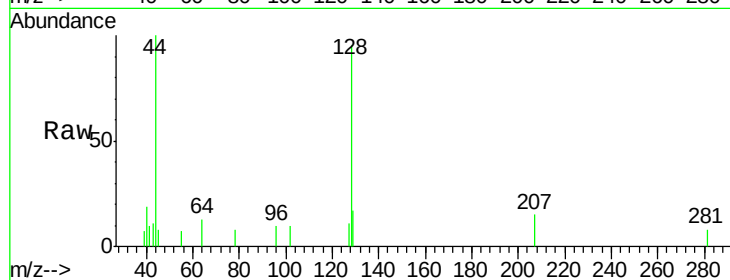
Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1



Tot Ion:128 Resp: 1026

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 8.5 8.7 13.1#

