

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019590.D
 Acq On : 24 Nov 2020 07:25
 Operator : JC/MD
 Sample : L4858-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHC-340EM-012

Quant Time: Nov 24 08:13:43 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	327989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	535142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	200971	47.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.52%		
35) Dibromofluoromethane	5.46	113	159486	47.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.96%		
50) Toluene-d8	8.70	98	636659	48.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.54%		
62) 4-Bromofluorobenzene	11.12	95	213619	45.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.98%		

Target Compounds

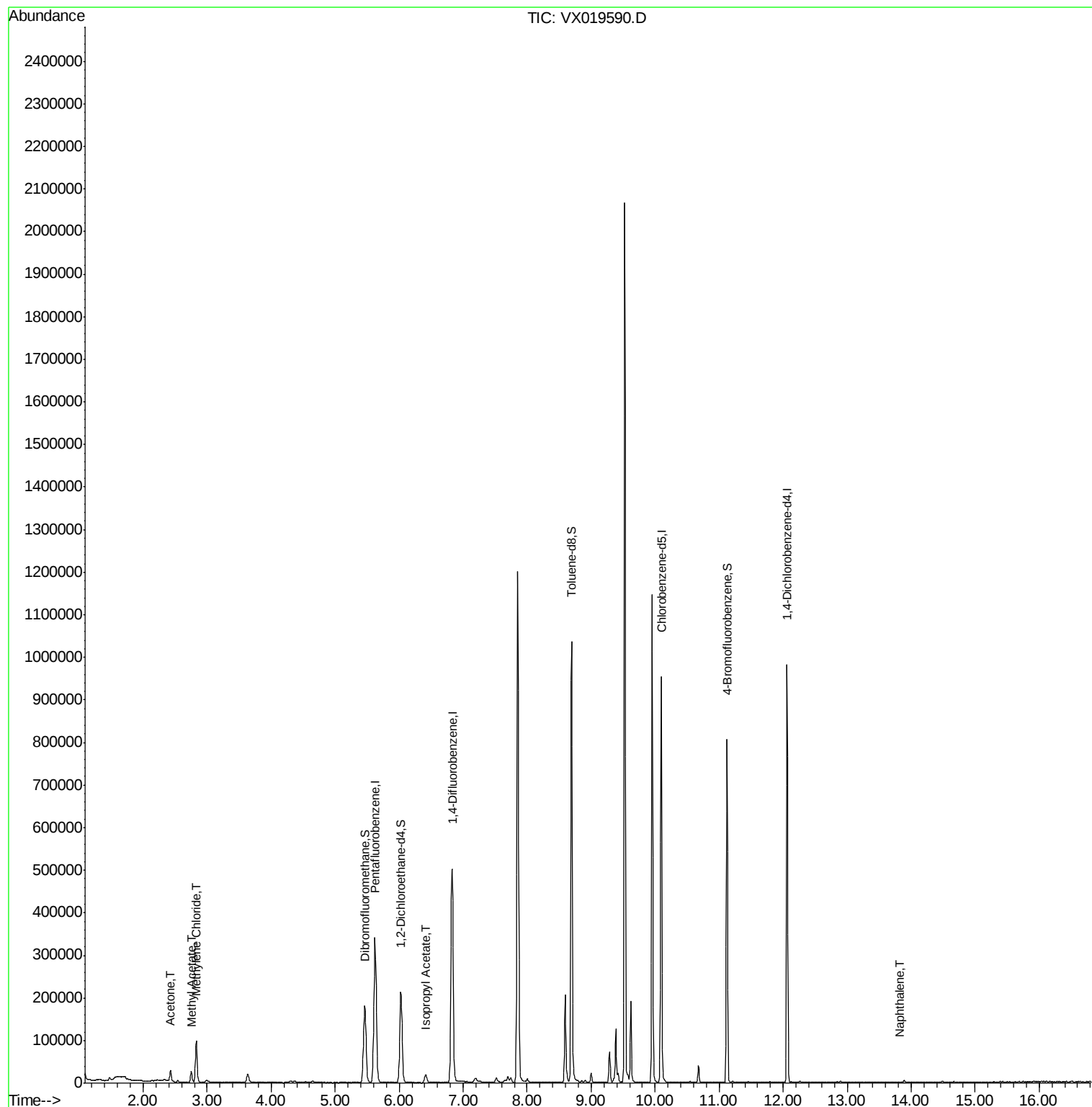
					Qvalue
16) Acetone	2.43	43	28240	17.172	ug/l 95
18) Methyl Acetate	2.75	43	31164	8.265	ug/l 99
20) Methylene Chloride	2.83	84	47443	11.542	ug/l 97
43) Isopropyl Acetate	6.42	43	26360	3.329	ug/l 99
95) Naphthalene	13.82	128	949	2.240	ug/l # 94

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

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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: VX019590.D

Acq: 24 Nov 2020 07:25

Instrument :

MSVOA_X

ClientSampleId :

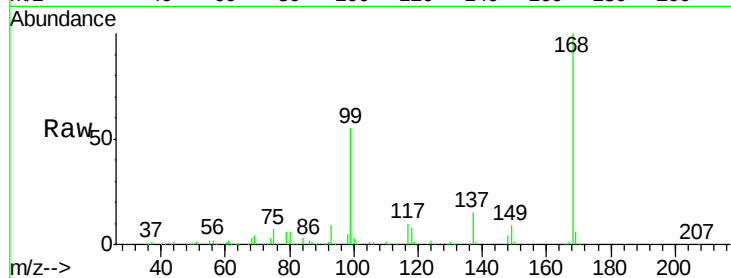
PHC-340EM-012

Tot Ion:168 Resp: 327989

Ion Ratio Lower Upper

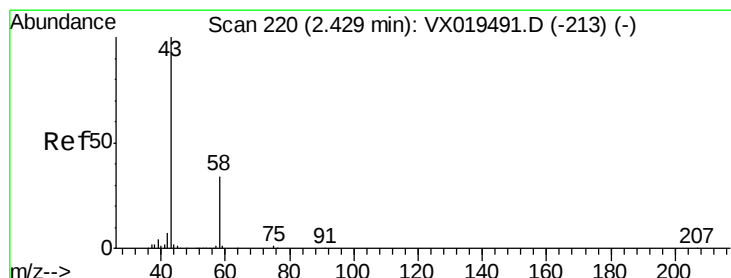
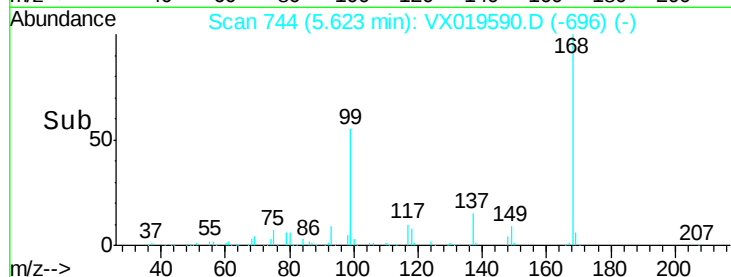
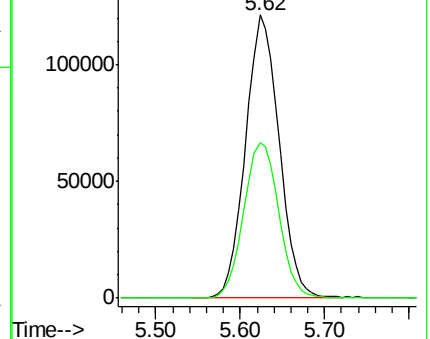
168 100

99 54.8 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: 17.172 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019590.D

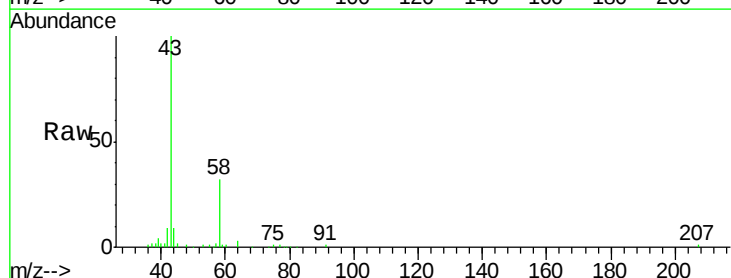
Acq: 24 Nov 2020 07:25

Tgt Ion: 43 Resp: 28240

Ion Ratio Lower Upper

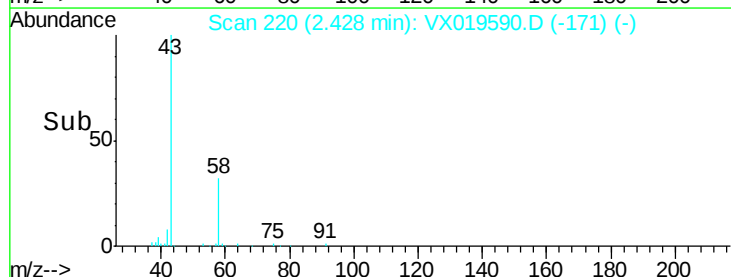
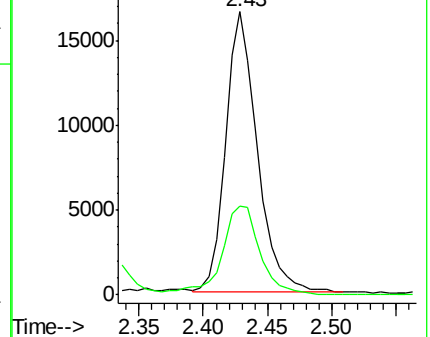
43 100

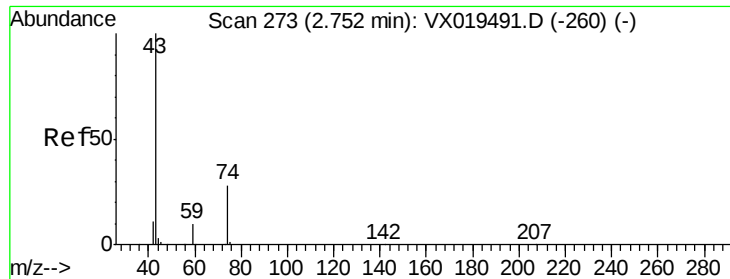
58 31.5 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

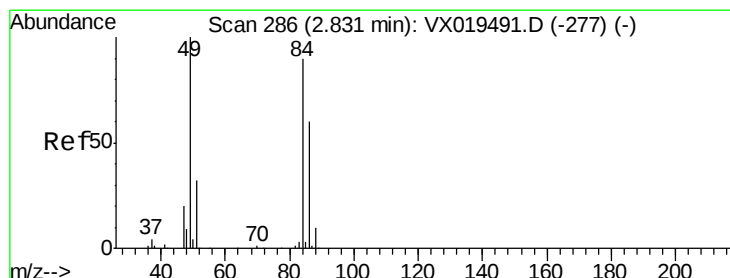
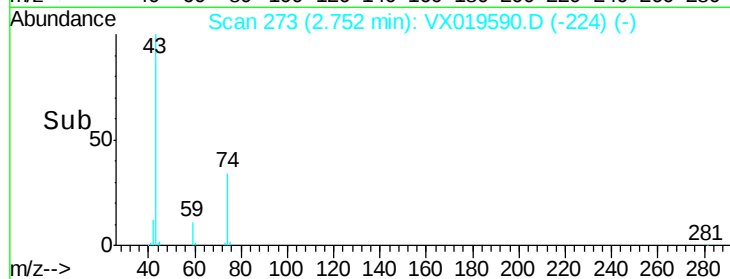
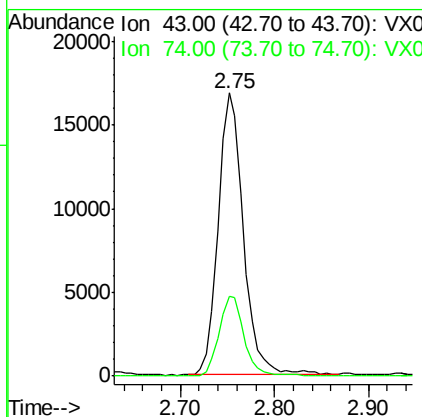
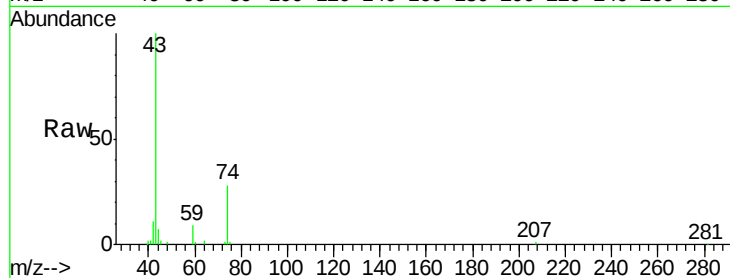




#18
Methyl Acetate
Concen: 8.265 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

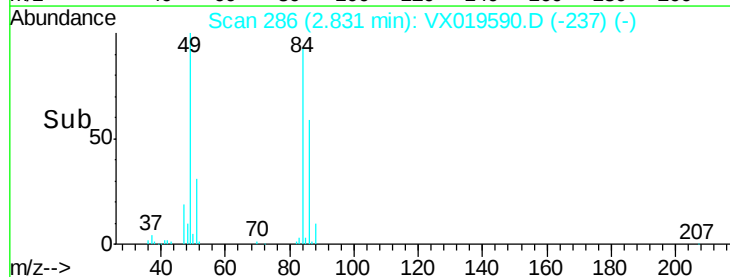
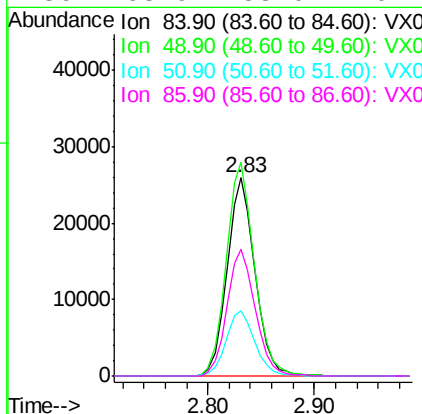
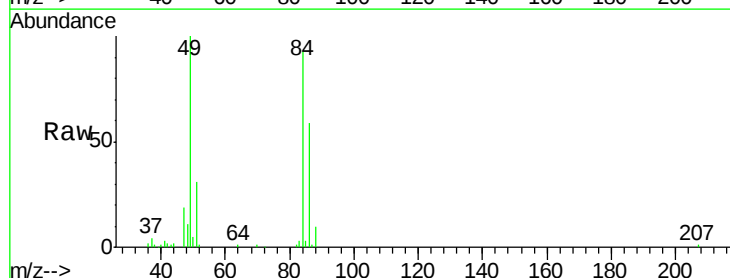
Instrument :
MSVOA_X
ClientSampleId :
PHC-340EM-012

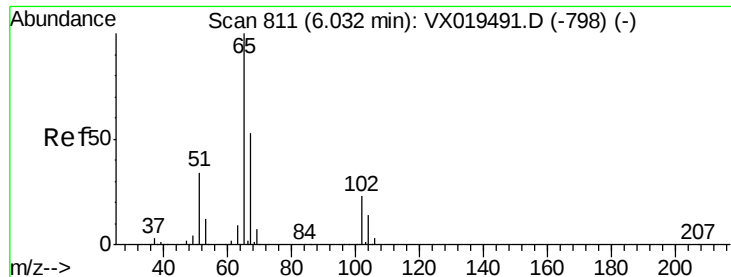
Tot Ion: 43 Resp: 31164
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.4



#20
Methylene Chloride
Concen: 11.542 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

Tgt Ion: 84 Resp: 47443
Ion Ratio Lower Upper
84 100
49 107.8 88.5 132.7
51 33.1 28.0 42.0
86 63.9 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 47.258 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019590.D

Acq: 24 Nov 2020 07:25

Instrument :

MSVOA_X

ClientSampleId :

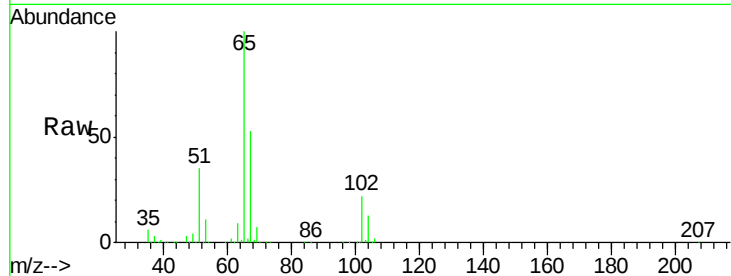
PHC-340EM-012

Tot Ion: 65 Resp: 200971

Ion Ratio Lower Upper

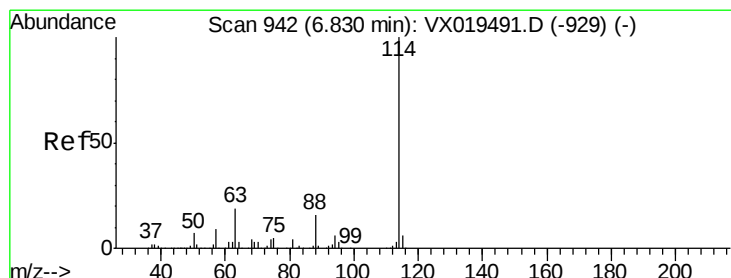
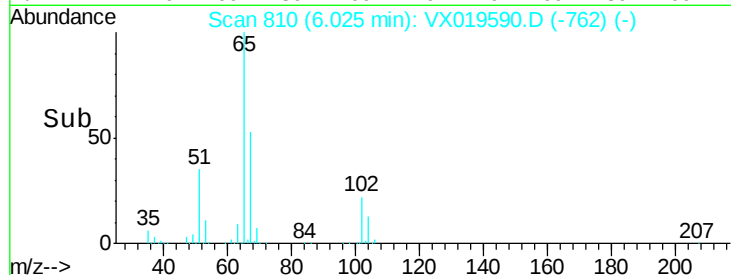
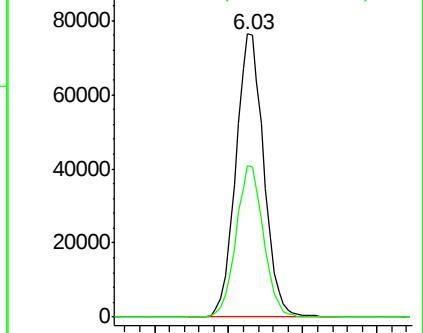
65 100

67 52.7 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: VX019590.D

Acq: 24 Nov 2020 07:25

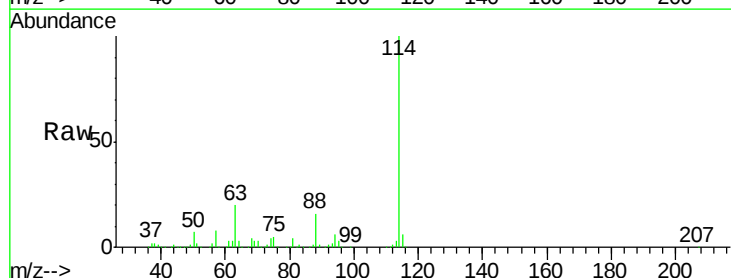
Tgt Ion: 114 Resp: 535142

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

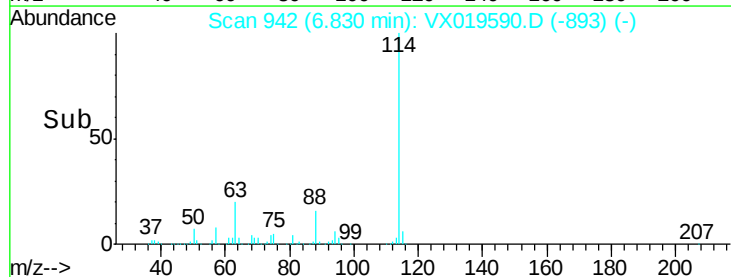
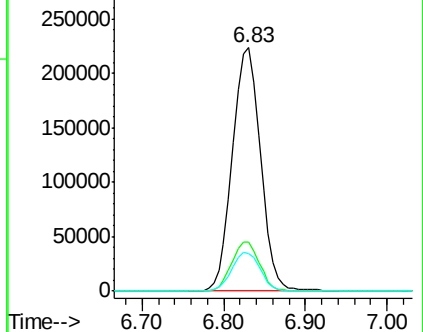
88 15.6 0.0 31.6

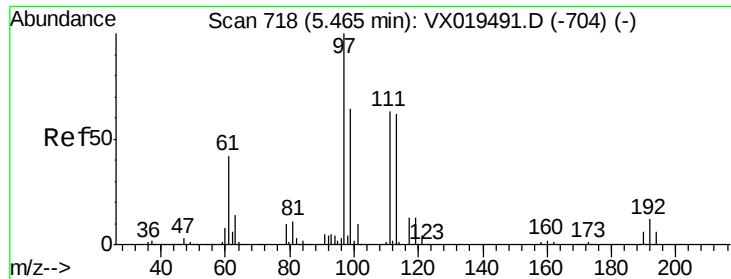


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

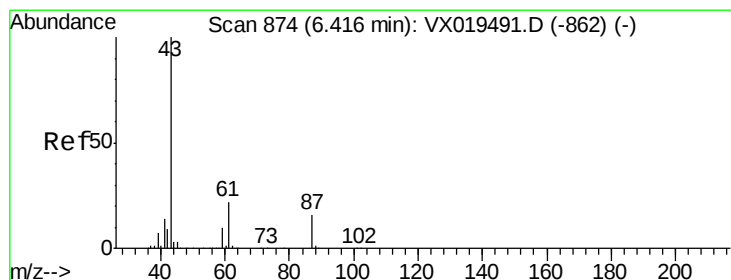
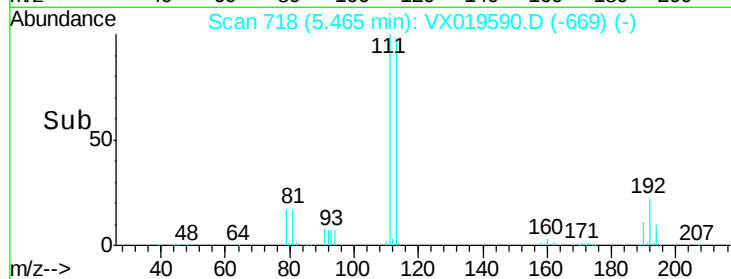
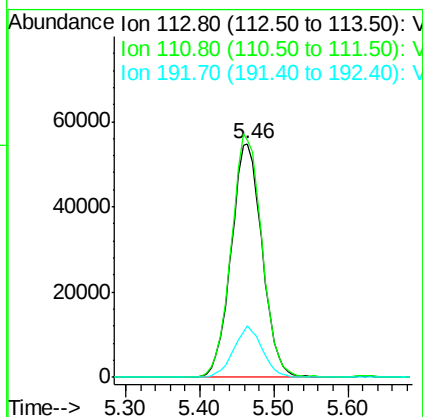
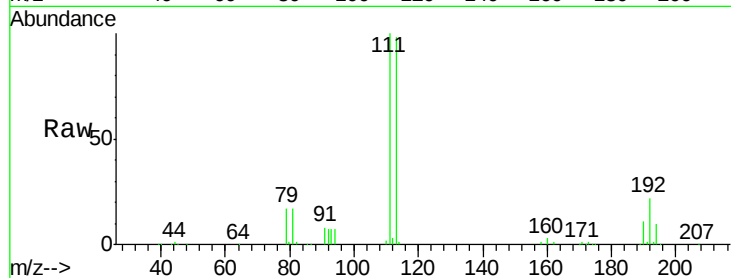




#35
 Dibromofluoromethane
 Concen: 47.479 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019590.D
 Acq: 24 Nov 2020 07:25

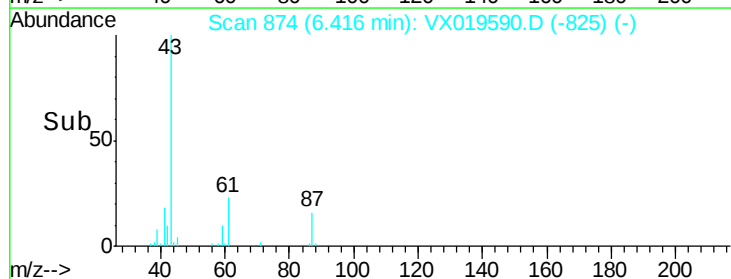
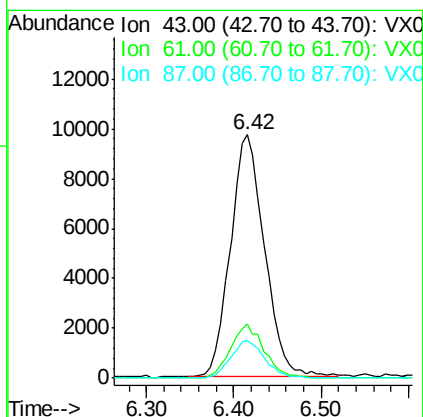
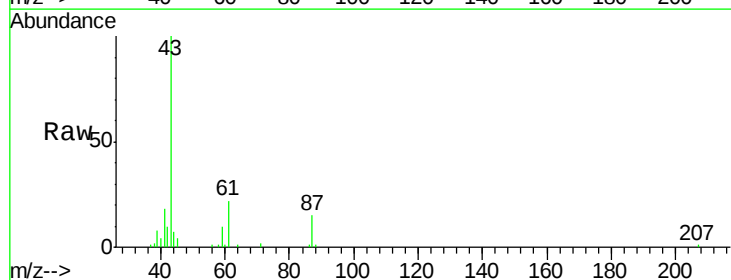
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 MSVOA_X
 ClientSampleId :
 PHC-340EM-012

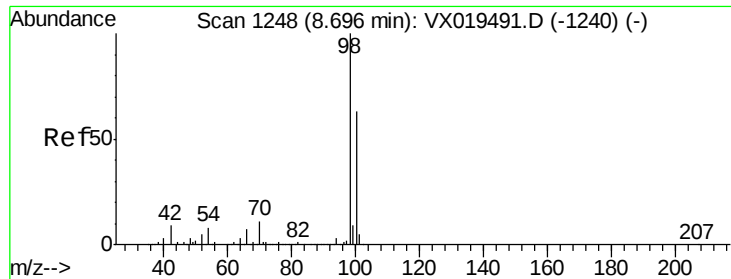
Tot Ion:113 Resp: 159486
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 20.6 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 3.329 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019590.D
 Acq: 24 Nov 2020 07:25

Tgt Ion: 43 Resp: 26360
 Ion Ratio Lower Upper
 43 100
 61 21.9 18.2 27.2
 87 15.5 12.6 18.8

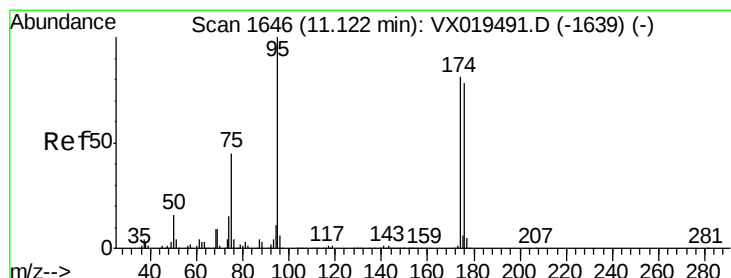
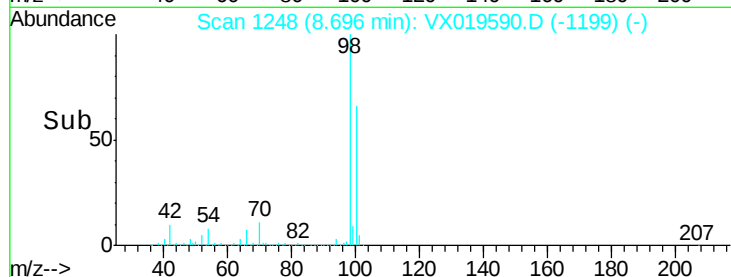
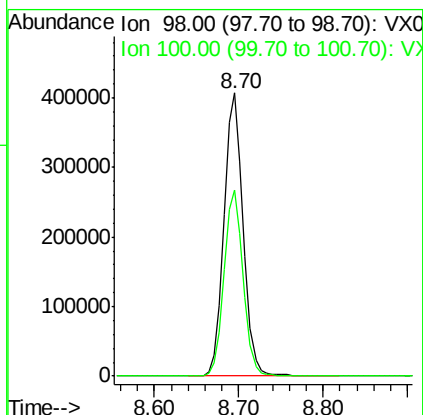
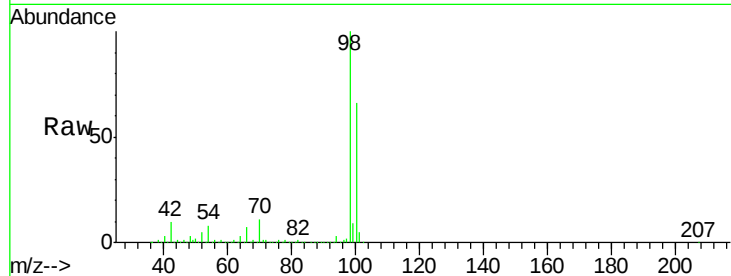




#50
Toluene-d8
Concen: 48.775 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

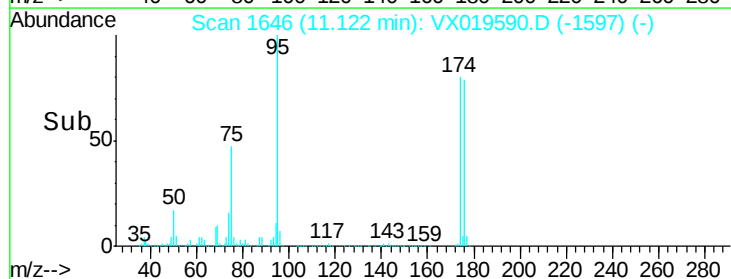
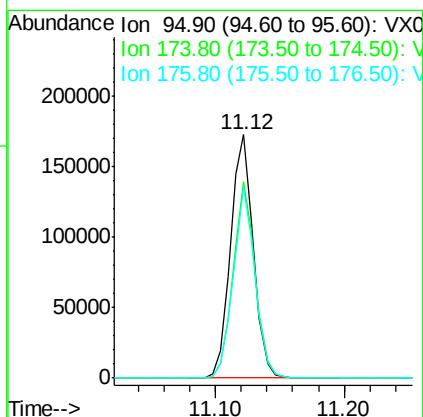
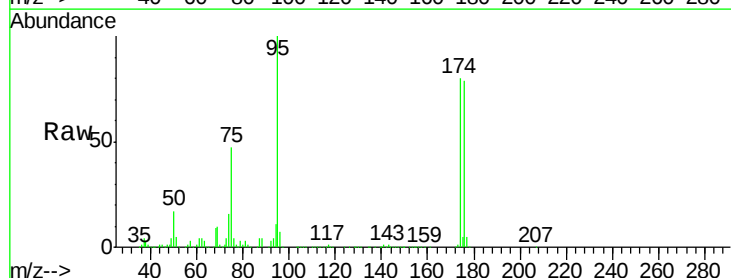
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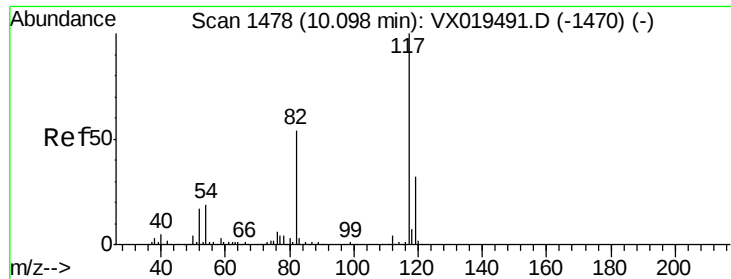
Tot Ion: 98 Resp: 636659
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.486 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

Tgt Ion: 95 Resp: 213619
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.2
176 75.2 0.0 151.4

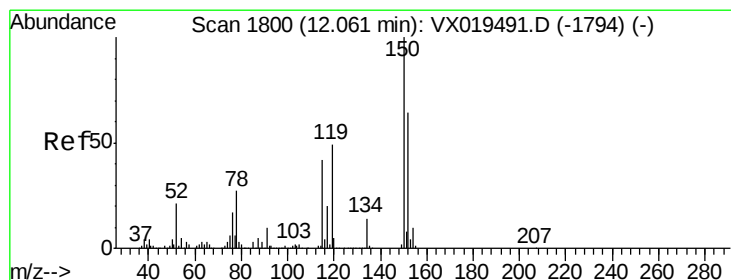
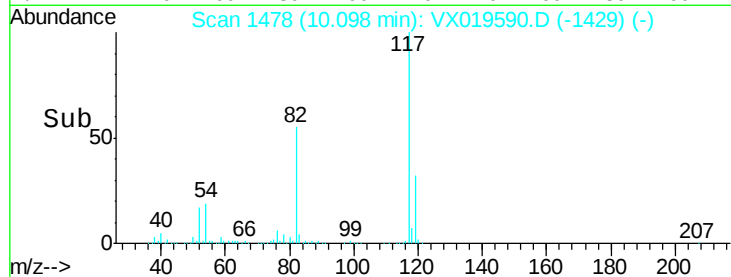
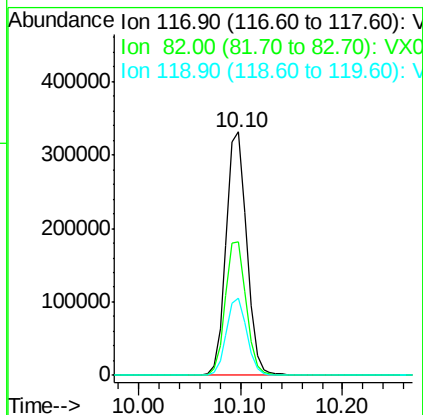
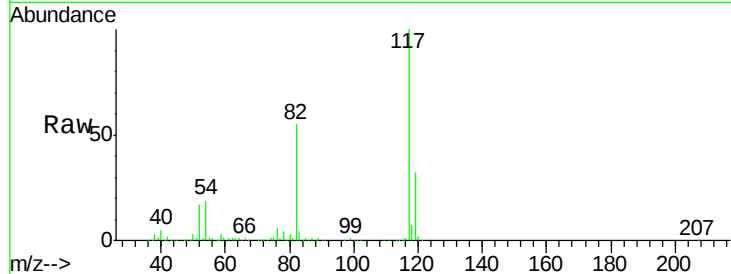




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

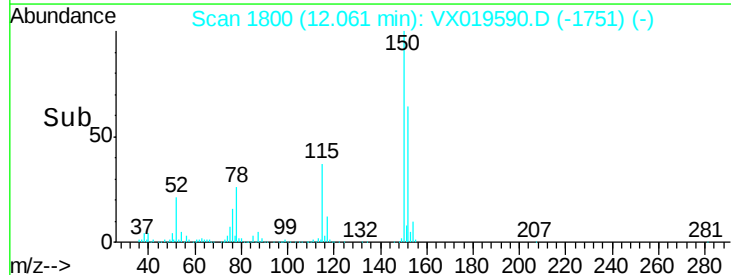
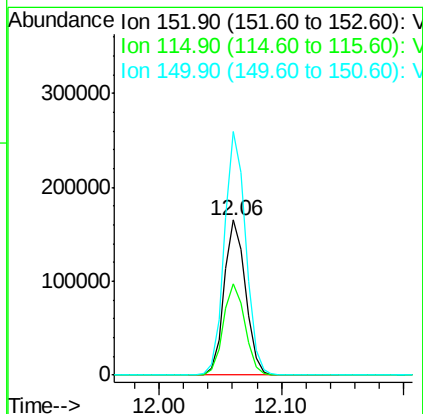
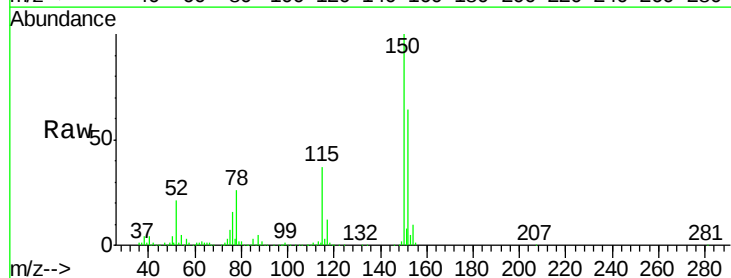
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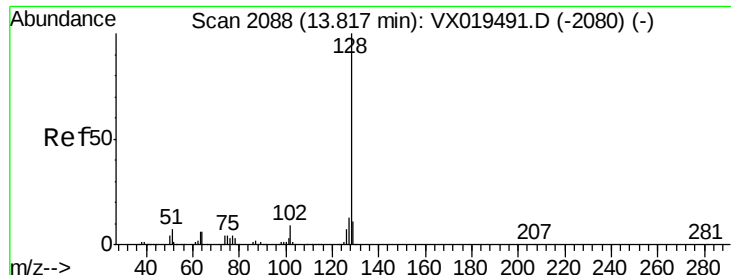
Tot Ion:117 Resp: 462972
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

Tgt Ion:152 Resp: 199235
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 156.5 0.0 348.2

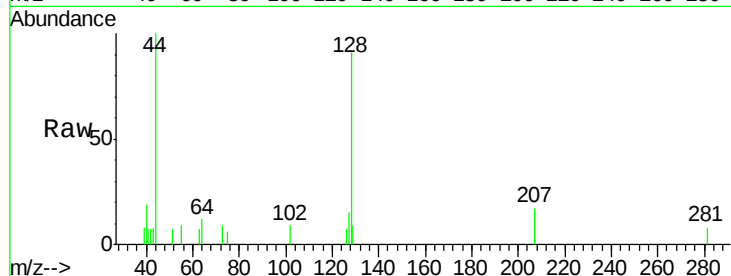




#95
Naphthalene
Concen: 2.240 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019590.D
Acq: 24 Nov 2020 07:25

Instrument :
MSVOA_X
ClientSampleId :
PHC-340EM-012

Tot Ion:128 Resp: 949
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 8.9 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

