

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019591.D
 Acq On : 24 Nov 2020 07:48
 Operator : JC/MD
 Sample : L4858-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHC-340EM-013

Quant Time: Nov 24 08:15:46 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	325515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	535690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	201769	47.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.62%
35) Dibromofluoromethane	5.46	113	158575	47.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.32%
50) Toluene-d8	8.70	98	625785	47.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.78%
62) 4-Bromofluorobenzene	11.12	95	209205	44.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.00%

Target Compounds

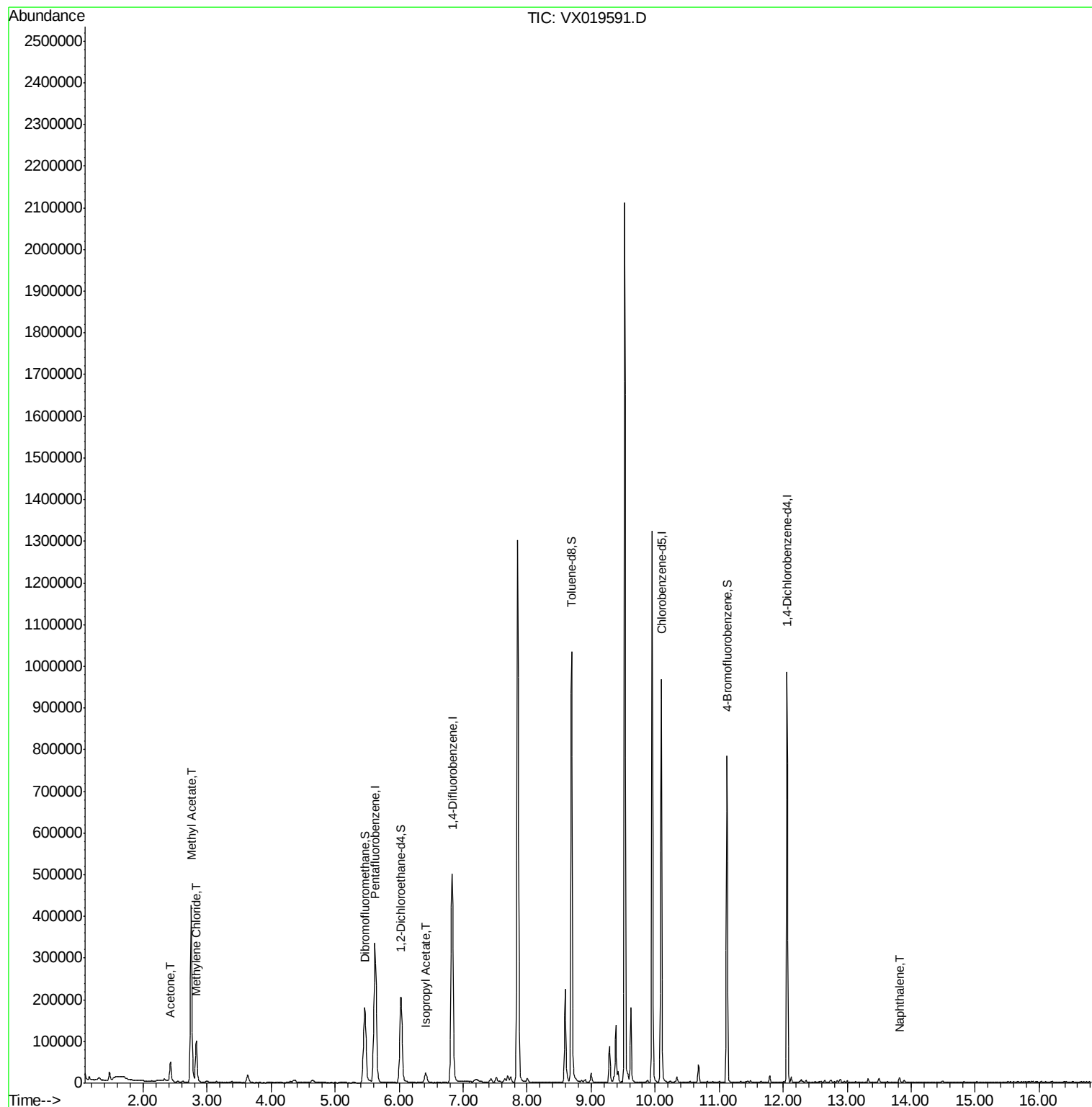
					Qvalue
16) Acetone	2.43	43	48641	29.801	ug/l 99
18) Methyl Acetate	2.75	43	480658	119.217	ug/l 100
20) Methylene Chloride	2.83	84	48939	11.996	ug/l 99
43) Isopropyl Acetate	6.42	43	29017	3.661	ug/l 99
95) Naphthalene	13.82	128	7204	2.664	ug/l 98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019591.D

Acq: 24 Nov 2020 07:48

Instrument :

MSVOA_X

ClientSampleId :

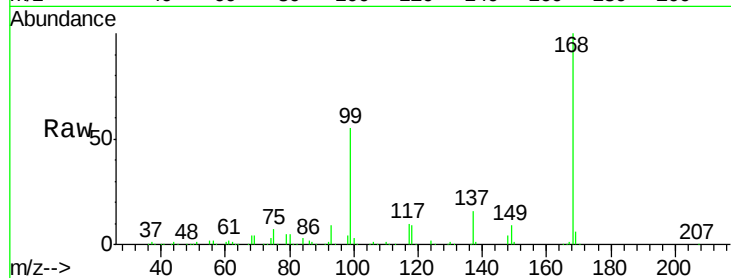
PHC-340EM-013

Tot Ion:168 Resp: 325515

Ion Ratio Lower Upper

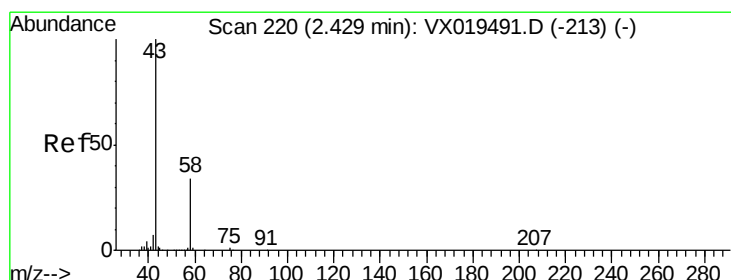
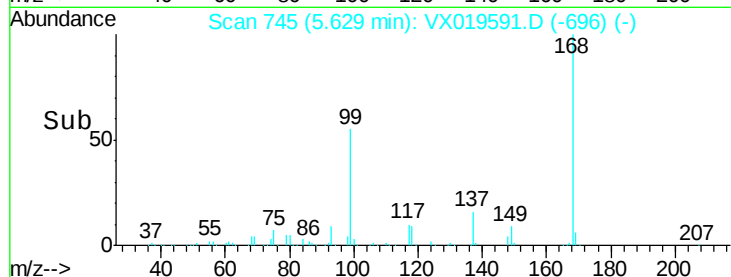
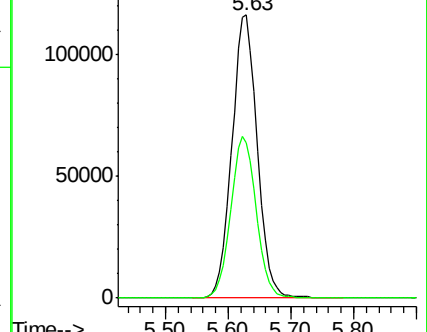
168 100

99 54.9 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: 29.801 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019591.D

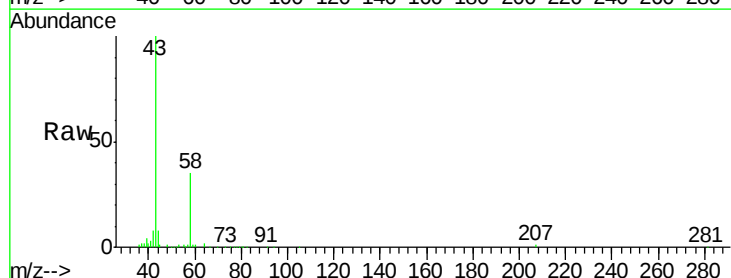
Acq: 24 Nov 2020 07:48

Tgt Ion: 43 Resp: 48641

Ion Ratio Lower Upper

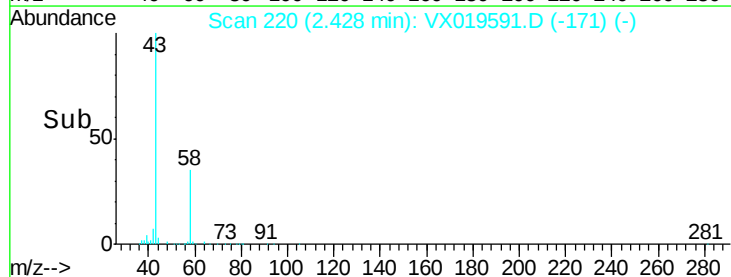
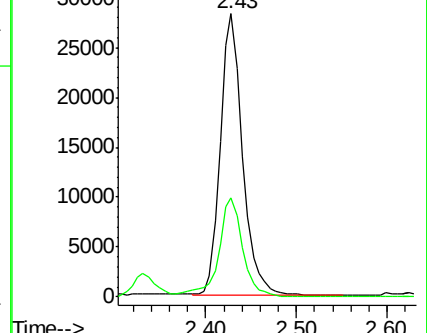
43 100

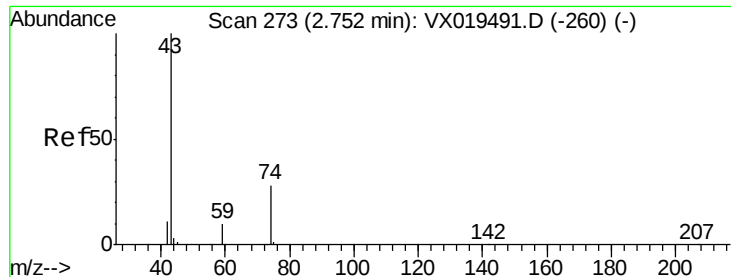
58 35.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

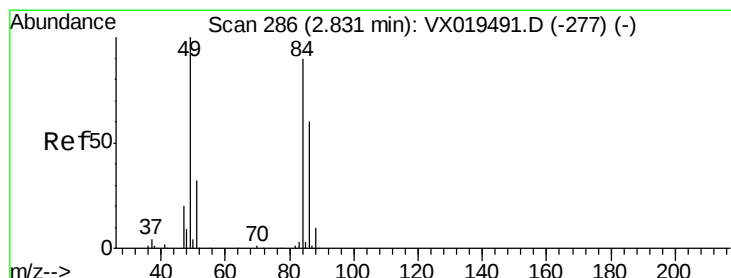
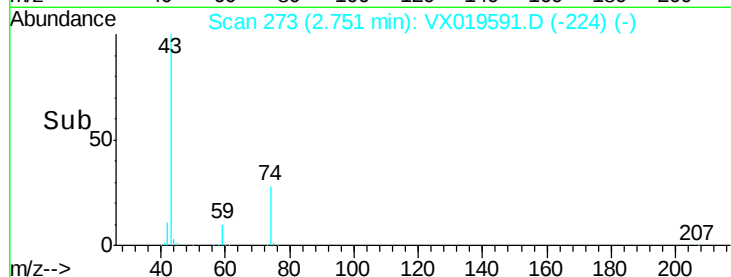
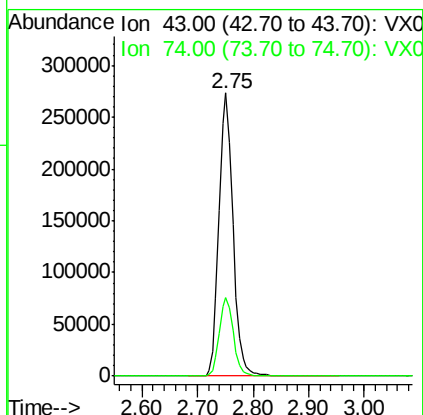
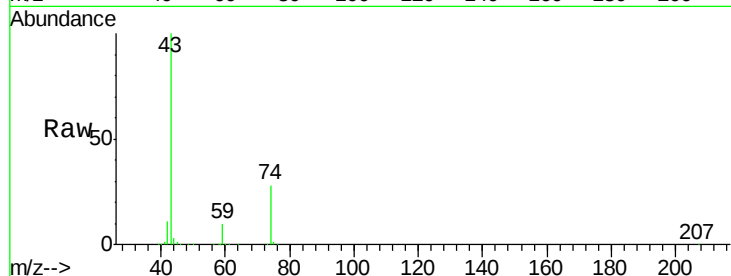




#18
Methvl Acetate
Concen: 119.217 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019591.D
Acq: 24 Nov 2020 07:48

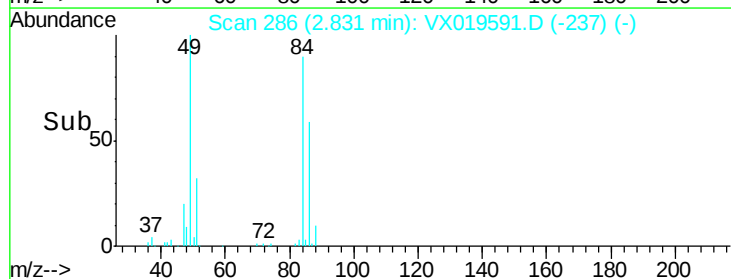
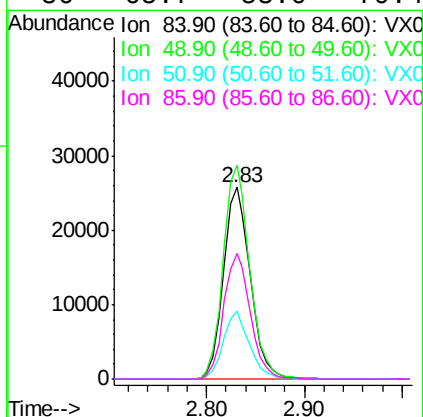
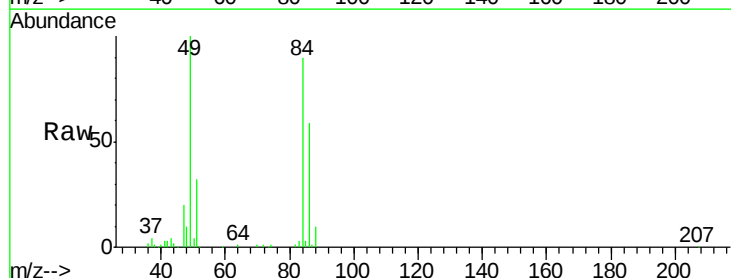
Instrument :
MSVOA_X
ClientSampleId :
PHC-340EM-013

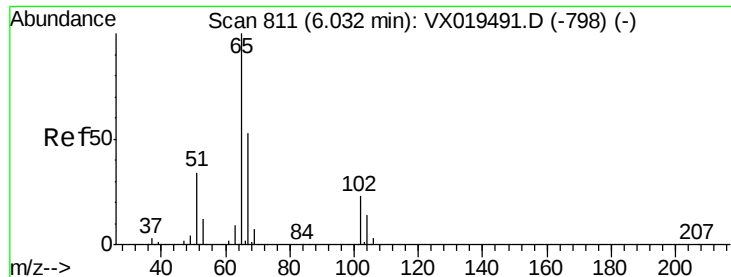
Tot Ion: 43 Resp: 480658
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4



#20
Methylene Chloride
Concen: 11.996 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019591.D
Acq: 24 Nov 2020 07:48

Tgt Ion: 84 Resp: 48939
Ion Ratio Lower Upper
84 100
49 111.3 88.5 132.7
51 35.6 28.0 42.0
86 65.7 53.0 79.4

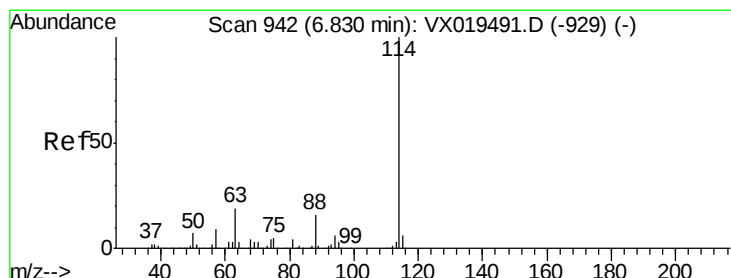
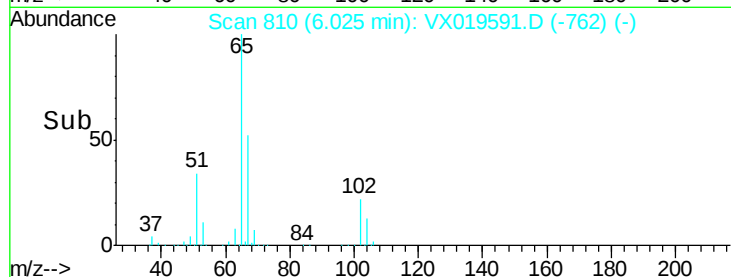
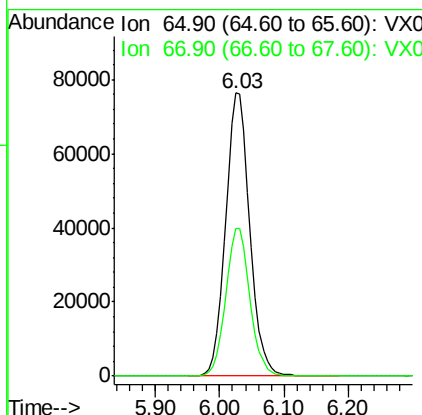
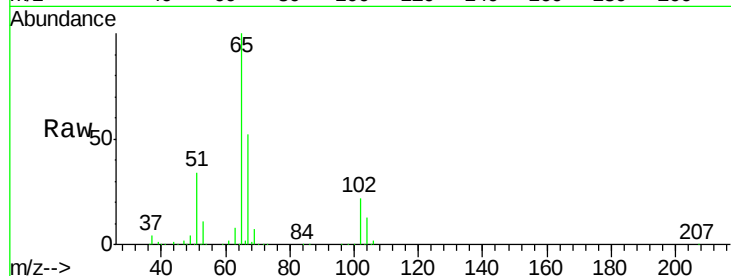




#33
 1,2-Dichloroethane-d4
 Concen: 47.806 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019591.D
 Acq: 24 Nov 2020 07:48

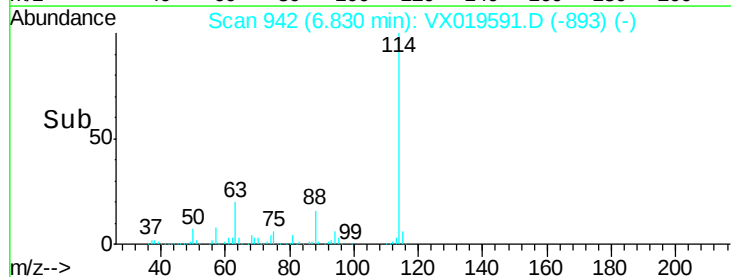
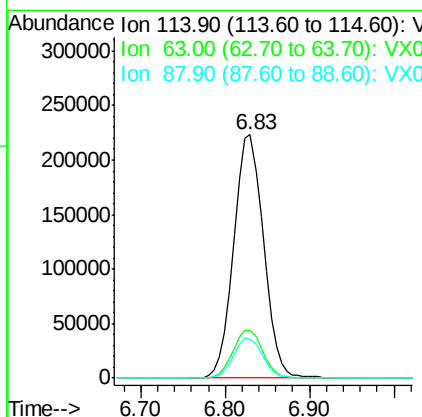
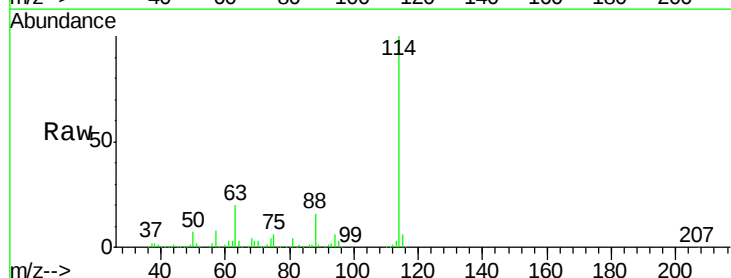
Instrument :
 MSVOA_X
 ClientSampleId :
 PHC-340EM-013

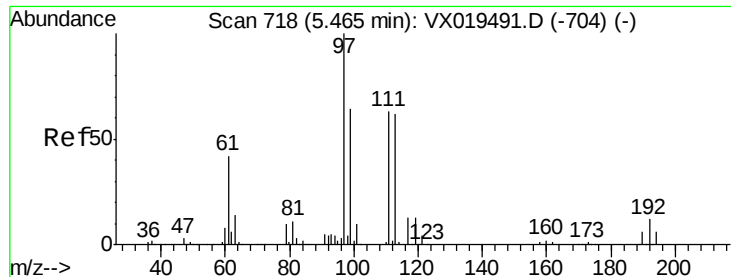
Tot Ion: 65 Resp: 201769
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019591.D
 Acq: 24 Nov 2020 07:48

Tgt Ion: 114 Resp: 535690
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.9 0.0 31.6

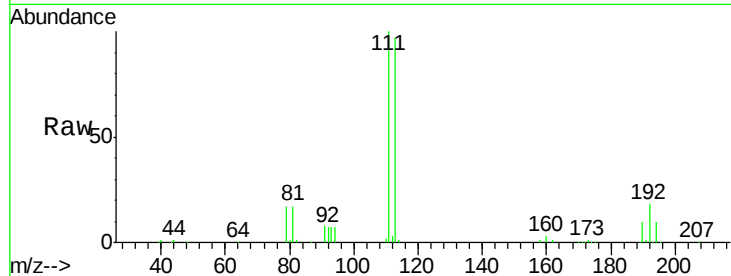




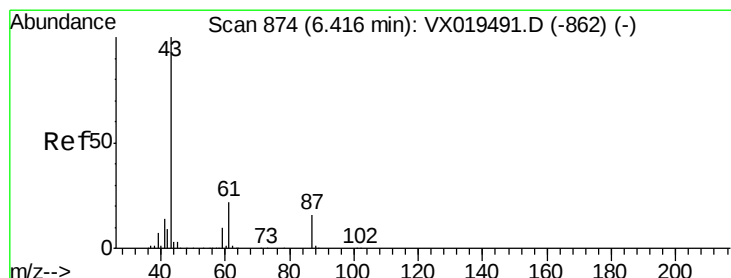
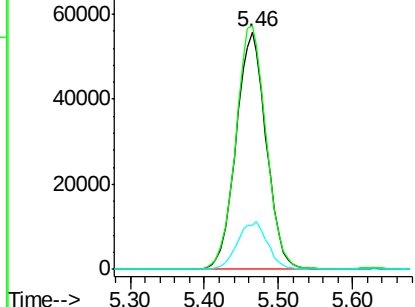
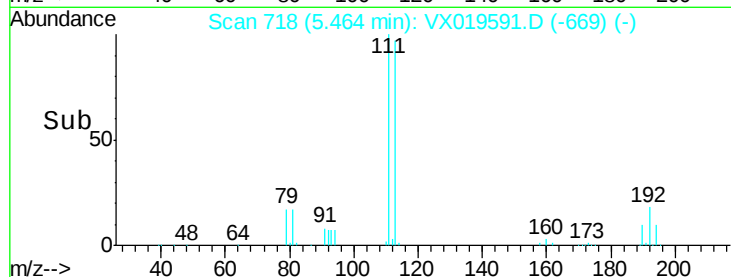
#35
 Dibromofluoromethane
 Concen: 47.159 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019591.D
 Acq: 24 Nov 2020 07:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PHC-340EM-013

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.5	122.3
192	20.3	16.2	24.2

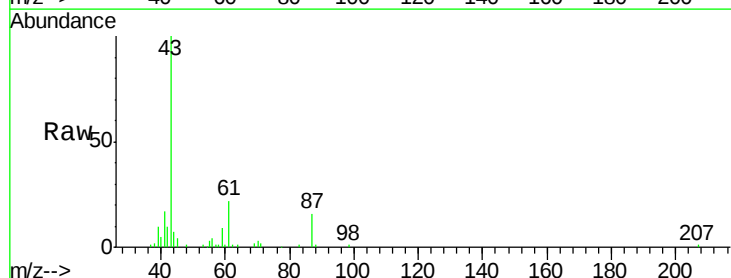


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

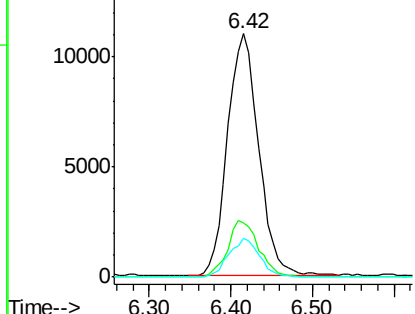
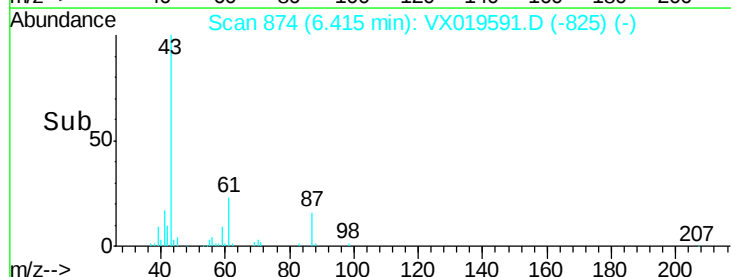


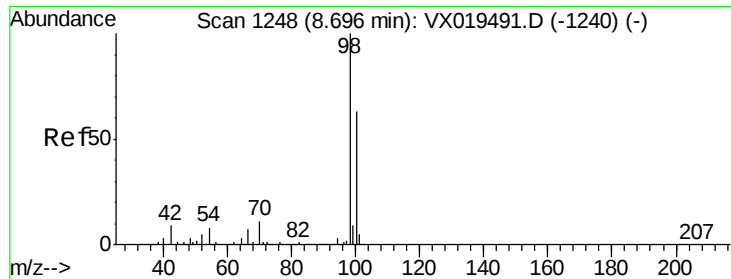
#43
 Isopropyl Acetate
 Concen: 3.661 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019591.D
 Acq: 24 Nov 2020 07:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	15.6	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: 47.893 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019591.D

Acq: 24 Nov 2020 07:48

Instrument :

MSVOA_X

ClientSampleId :

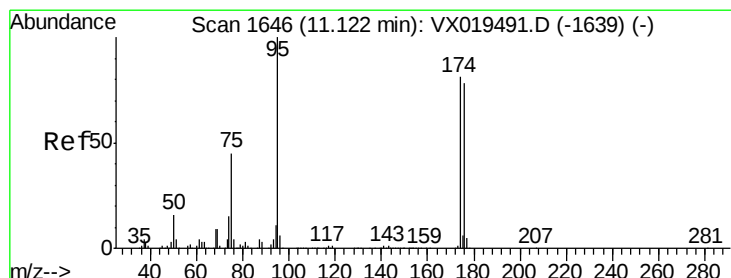
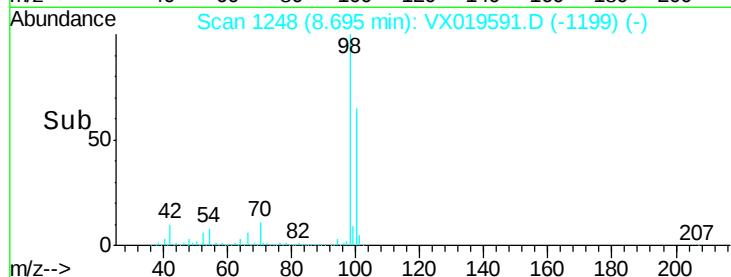
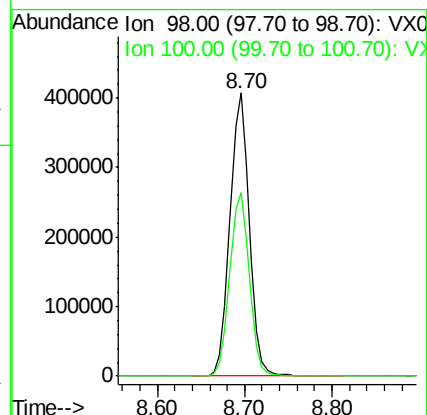
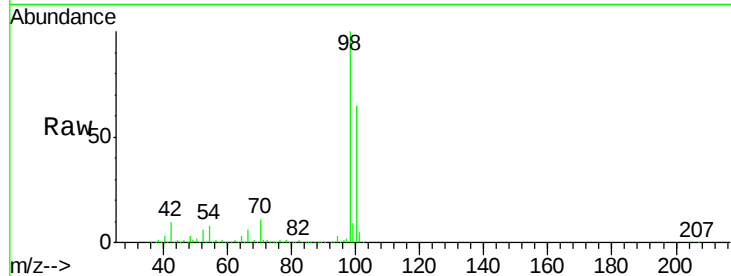
PHC-340EM-013

Tot Ion: 98 Resp: 625785

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.501 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019591.D

Acq: 24 Nov 2020 07:48

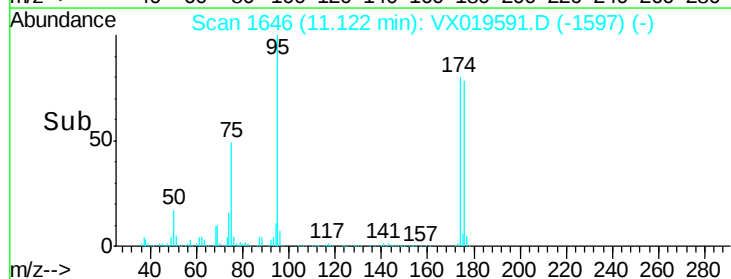
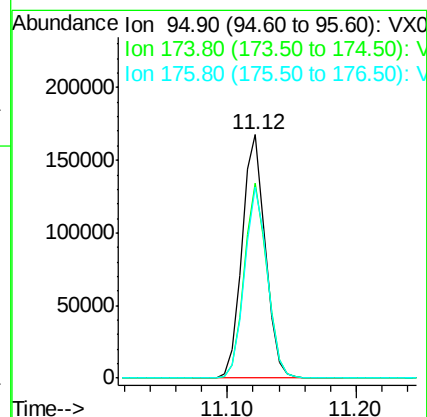
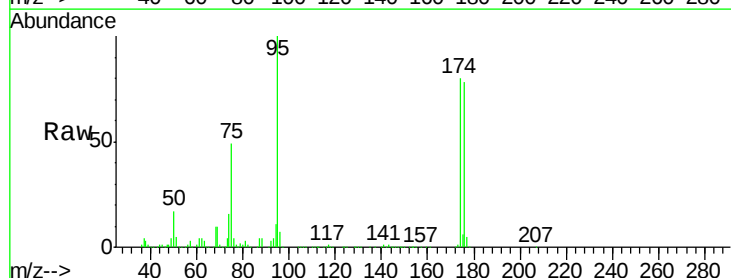
Tgt Ion: 95 Resp: 209205

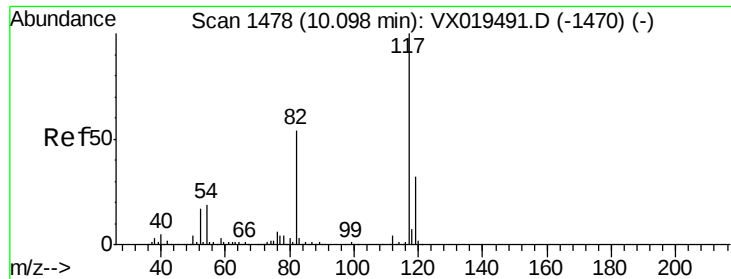
Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.2

176 76.8 0.0 151.4

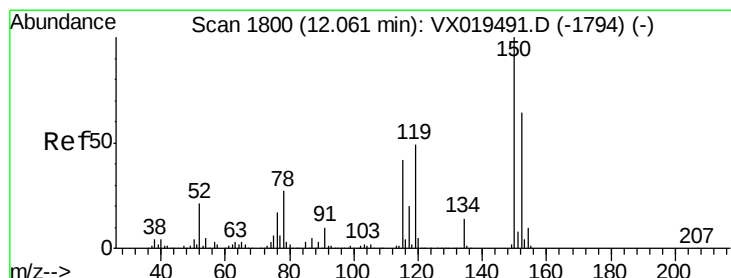
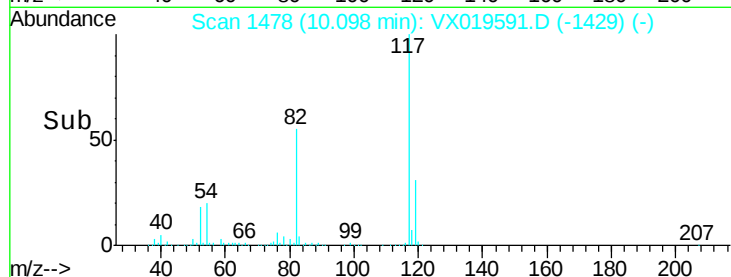
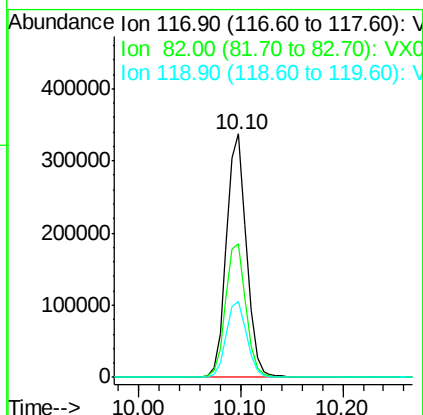
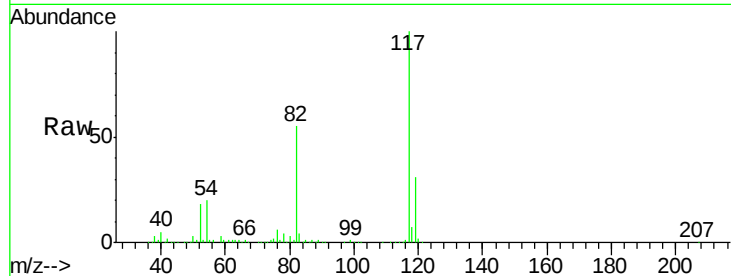




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019591.D
Acq: 24 Nov 2020 07:48

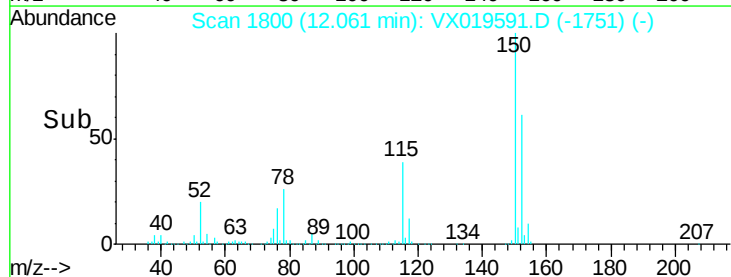
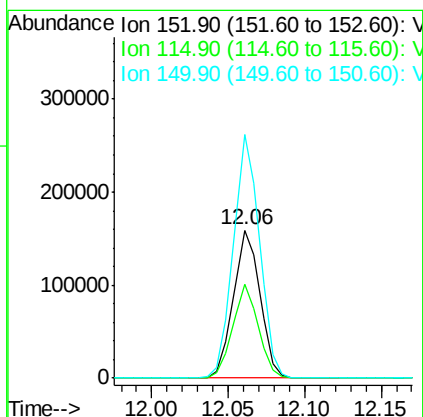
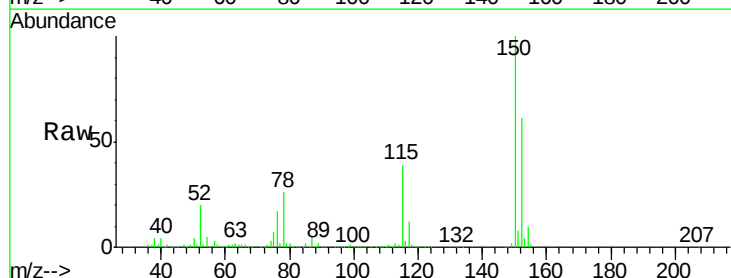
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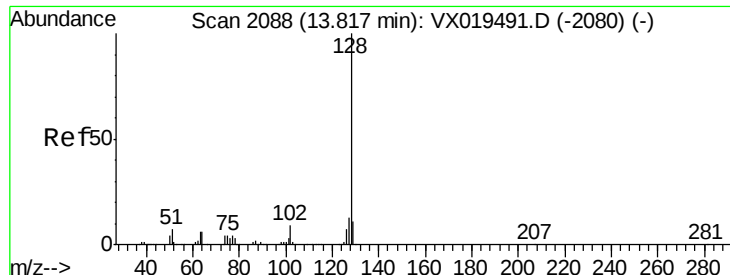
Tot Ion:117 Resp: 454038
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019591.D
Acq: 24 Nov 2020 07:48

Tgt Ion:152 Resp: 192137
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 161.9 0.0 348.2





#95

Naphthalene

Concen: 2.664 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019591.D

Acq: 24 Nov 2020 07:48

Instrument :

MSVOA_X

ClientSampleId :

PHC-340EM-013

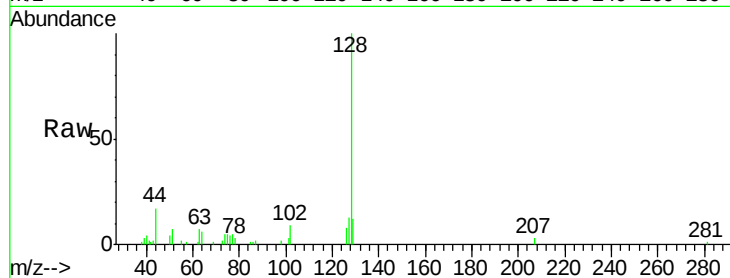
Tot Ion:128 Resp: 7204

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 10.3 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

