

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019570.D
 Acq On : 23 Nov 2020 23:39
 Operator : JC/MD
 Sample : PB133157TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157TB

Quant Time: Nov 24 05:39:54 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	332977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	471310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196540	45.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.04%		
35) Dibromofluoromethane	5.46	113	157537	46.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.88%		
50) Toluene-d8	8.70	98	634972	48.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.38%		
62) 4-Bromofluorobenzene	11.12	95	213844	45.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.16%		

Target Compounds

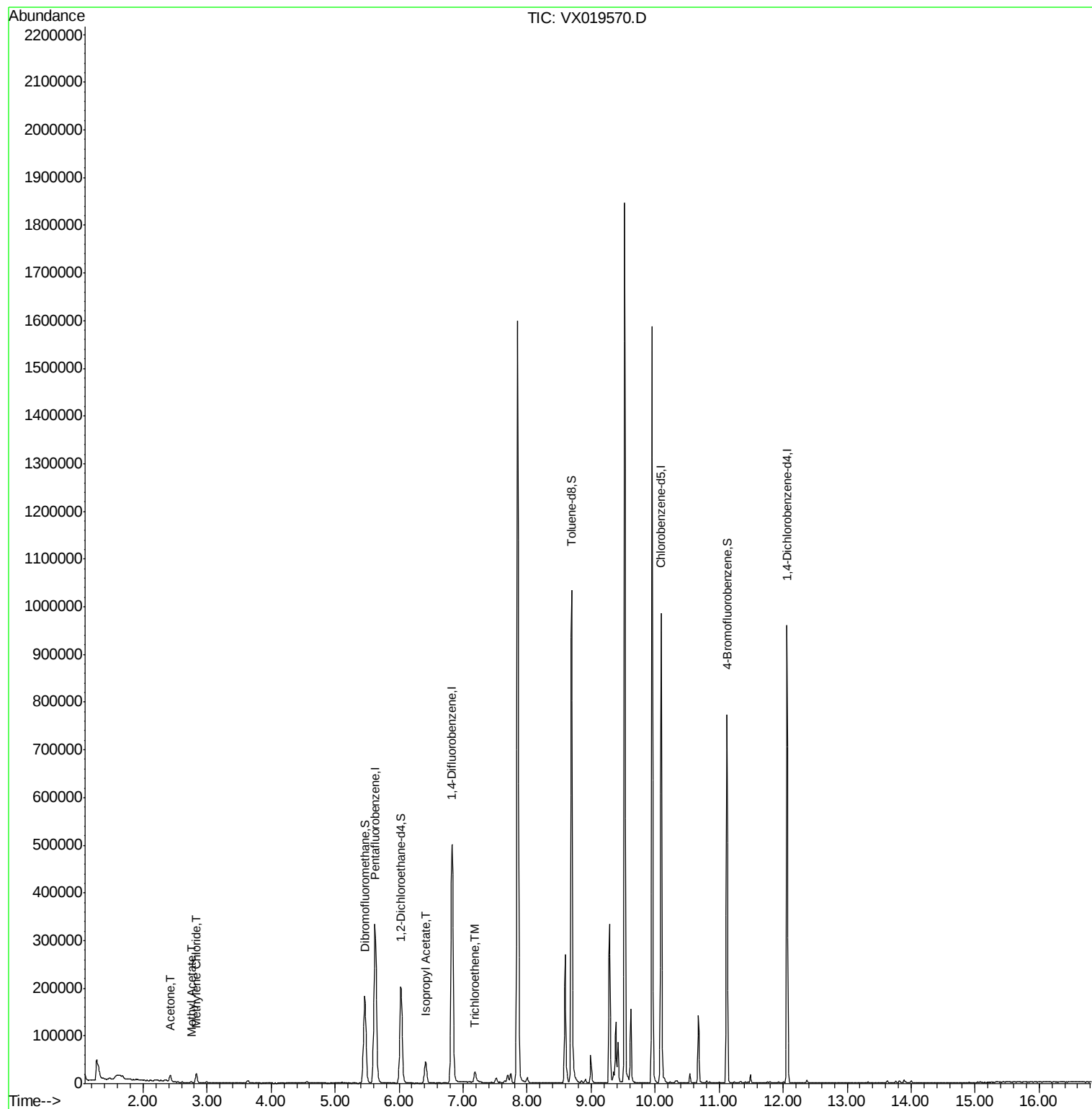
					Qvalue
16) Acetone	2.42	43	13648	8.174	ug/l 94
18) Methyl Acetate	2.75	43	3770	1.544	ug/l 99
20) Methylene Chloride	2.83	84	9595	2.299	ug/l 99
43) Isopropyl Acetate	6.42	43	62025	7.842	ug/l 100
44) Trichloroethene	7.18	130	8472	2.100	ug/l 98

(#) = 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: VX019570.D

Acq: 23 Nov 2020 23:39

Instrument :

MSVOA_X

ClientSampleId :

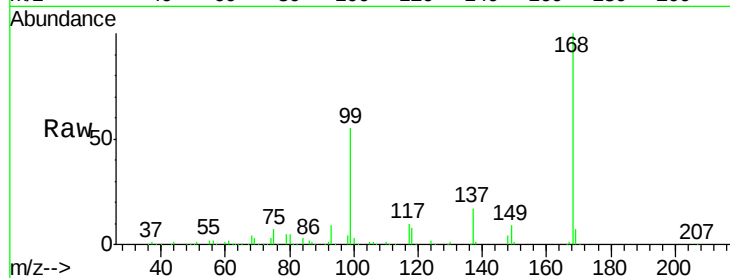
PB133157TB

Tot Ion:168 Resp: 332977

Ion Ratio Lower Upper

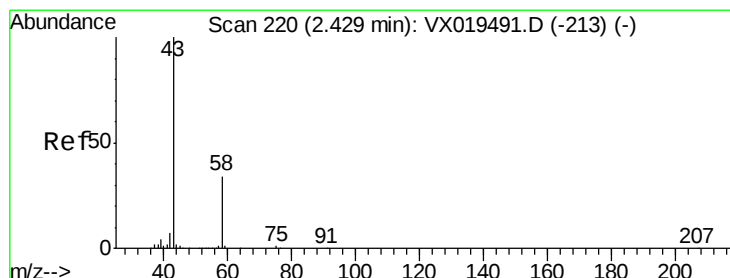
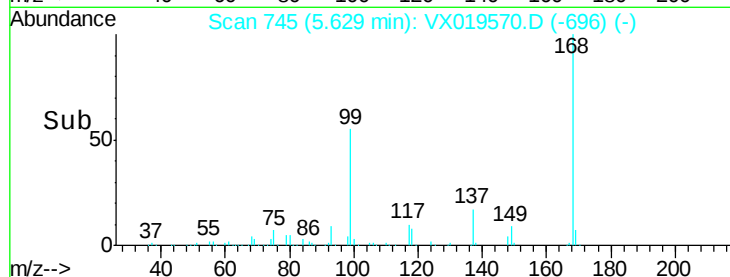
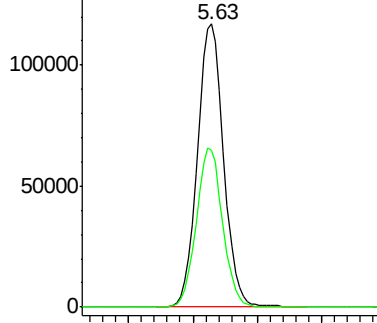
168 100

99 55.1 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: 8.174 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019570.D

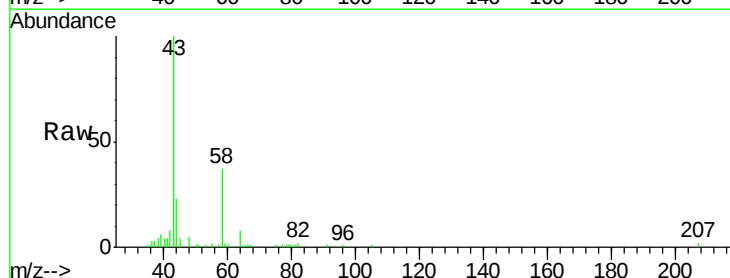
Acq: 23 Nov 2020 23:39

Tgt Ion: 43 Resp: 13648

Ion Ratio Lower Upper

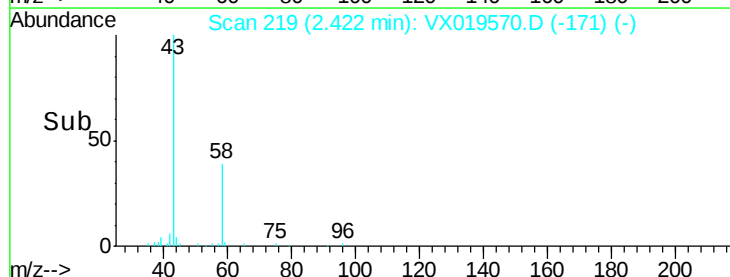
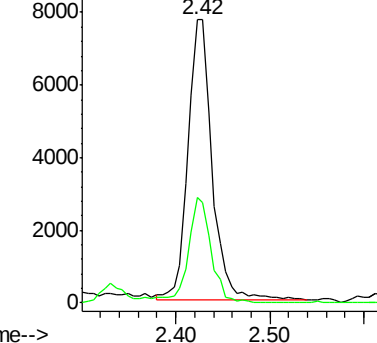
43 100

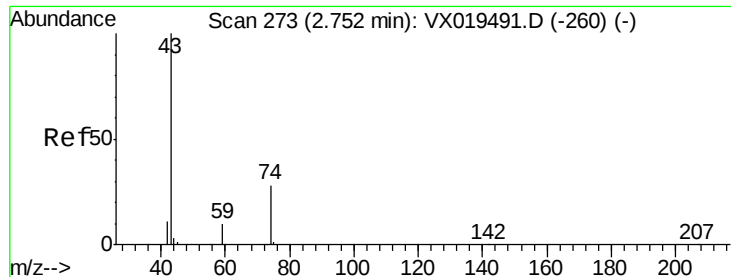
58 37.5 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

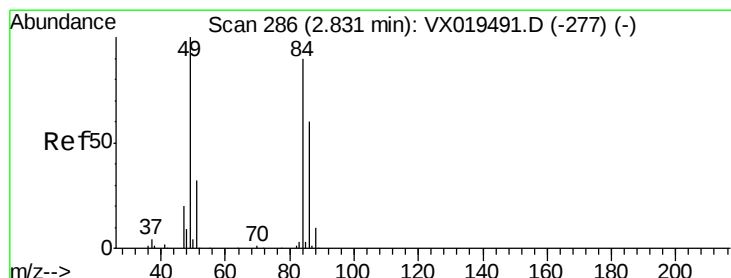
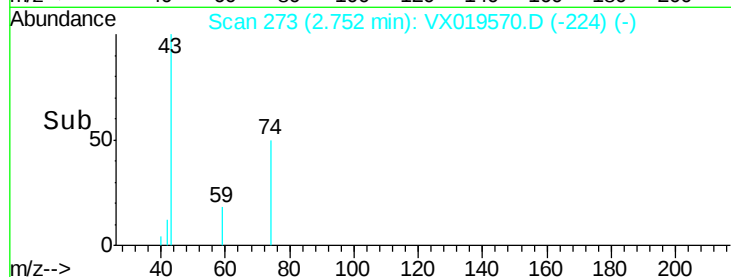
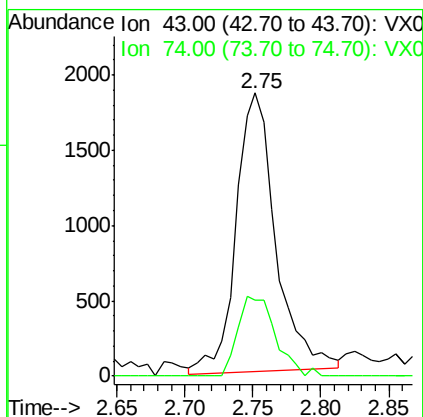
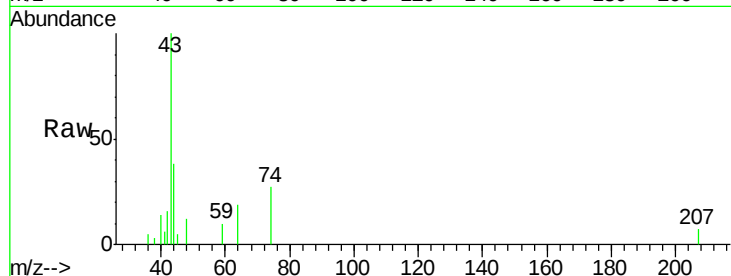




#18
Methvl Acetate
Concen: 1.544 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019570.D
Acq: 23 Nov 2020 23:39

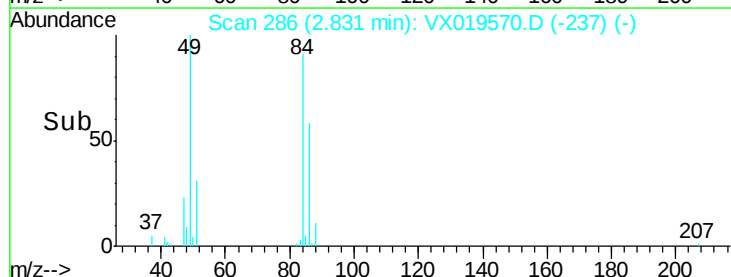
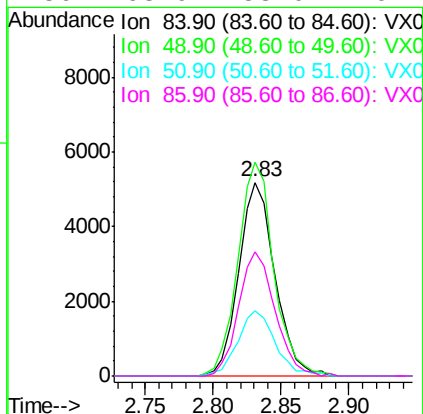
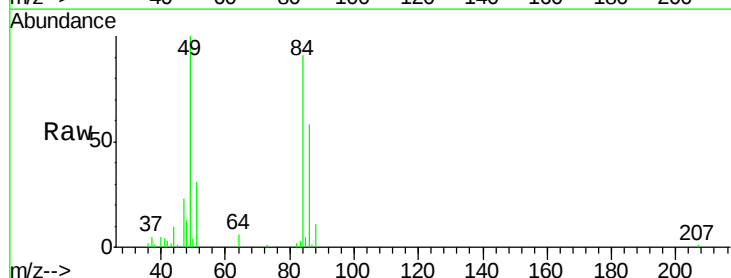
Instrument :
MSVOA_X
ClientSampleId :
PB133157TB

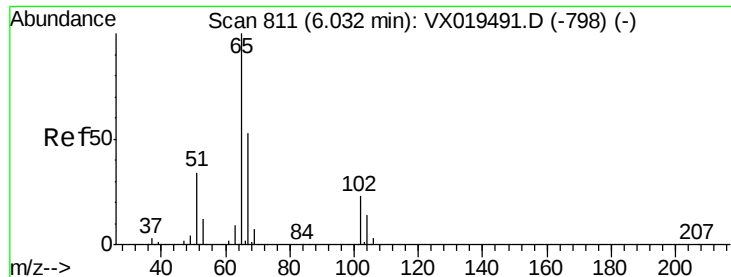
Tot Ion: 43 Resp: 3770
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.4



#20
Methylene Chloride
Concen: 2.299 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019570.D
Acq: 23 Nov 2020 23:39

Tgt Ion: 84 Resp: 9595
Ion Ratio Lower Upper
84 100
49 110.4 88.5 132.7
51 33.7 28.0 42.0
86 63.9 53.0 79.4

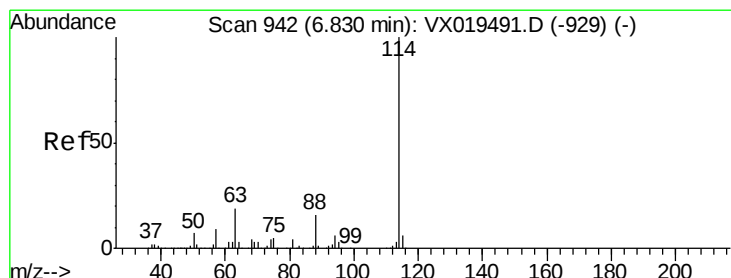
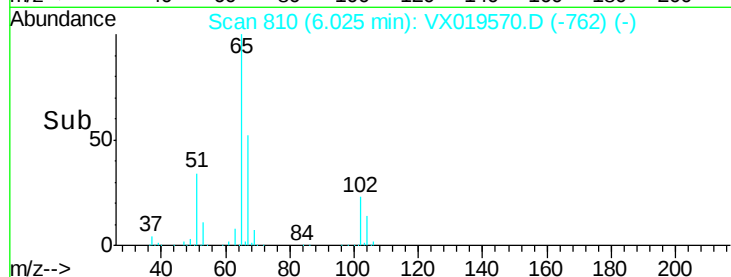
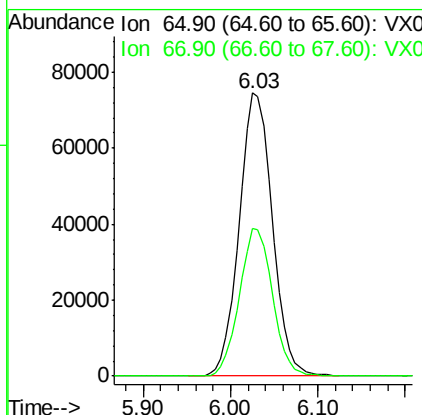
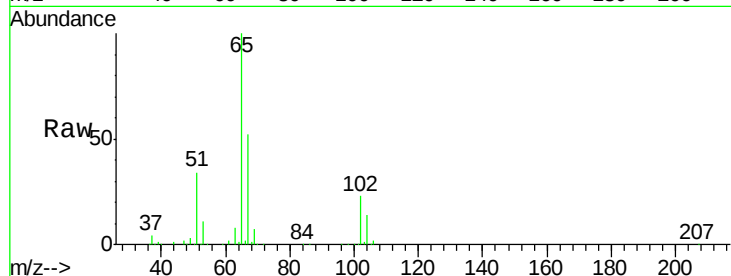




#33
 1,2-Dichloroethane-d4
 Concen: 45.524 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

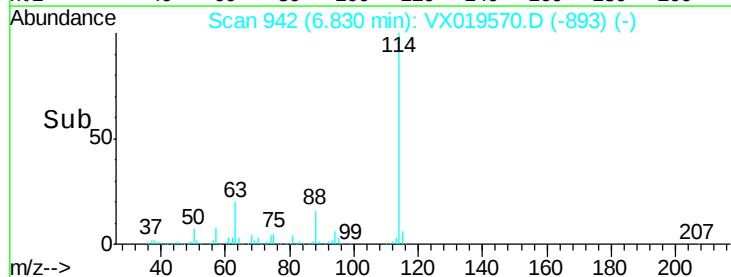
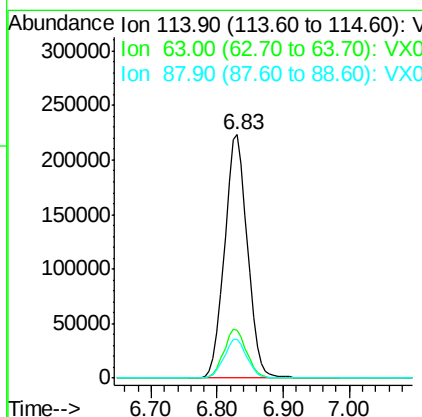
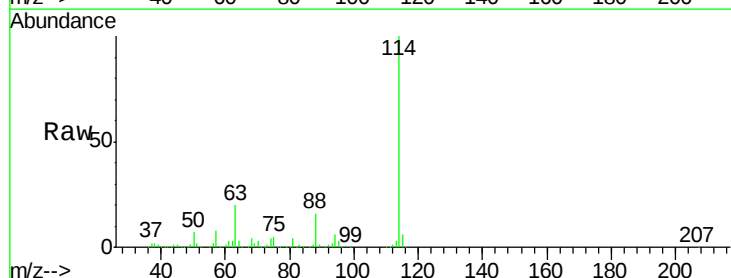
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157TB

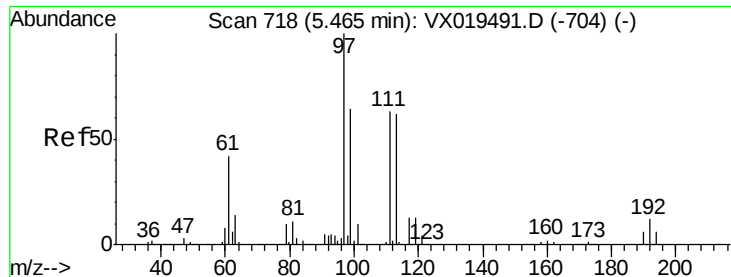
Tot Ion: 65 Resp: 196540
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

Tgt Ion: 114 Resp: 534620
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 15.8 0.0 31.6

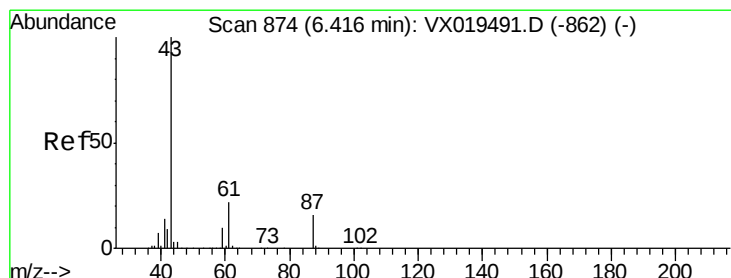
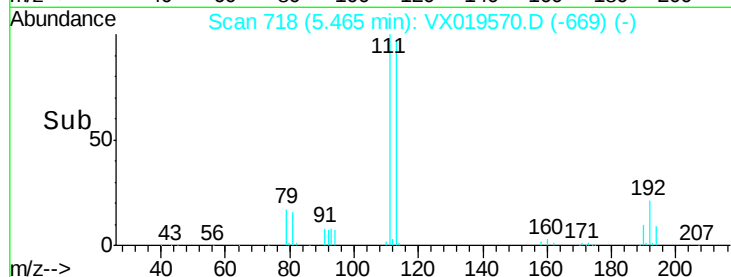
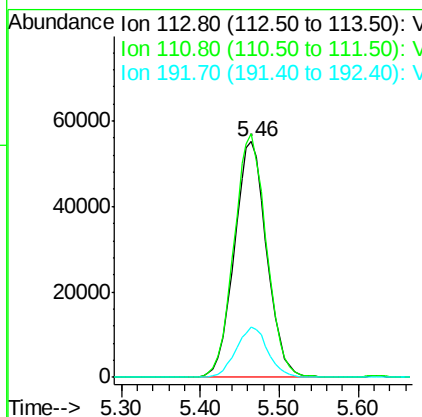
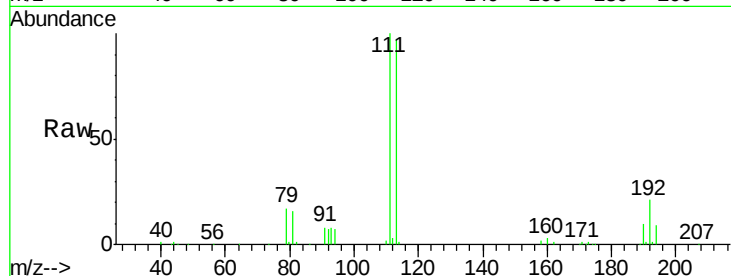




#35
 Dibromofluoromethane
 Concen: 46.945 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

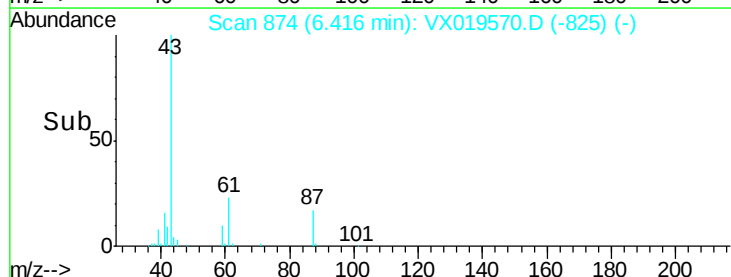
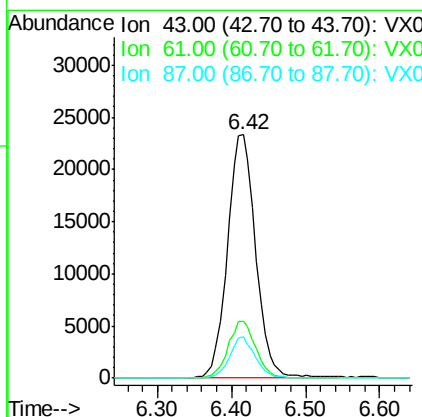
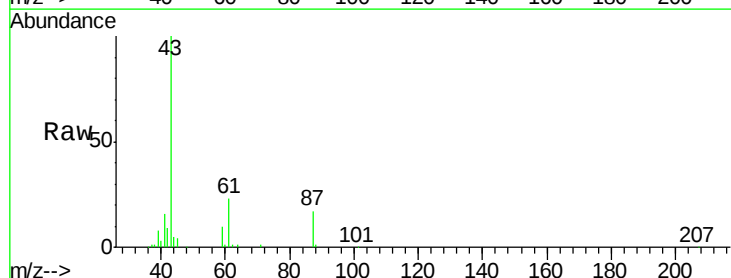
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157TB

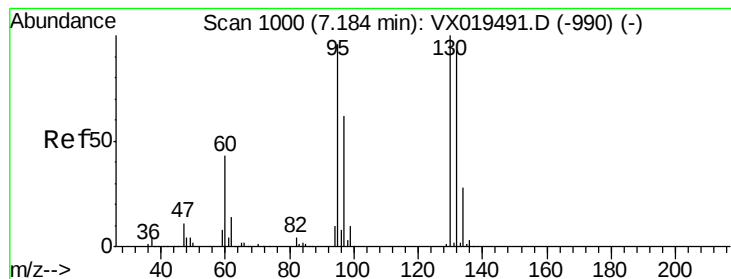
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	20.8	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 7.842 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.2	12.6	18.8





#44

Trichloroethene

Concen: 2.100 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019570.D

Acq: 23 Nov 2020 23:39

Instrument :

MSVOA_X

ClientSampleId :

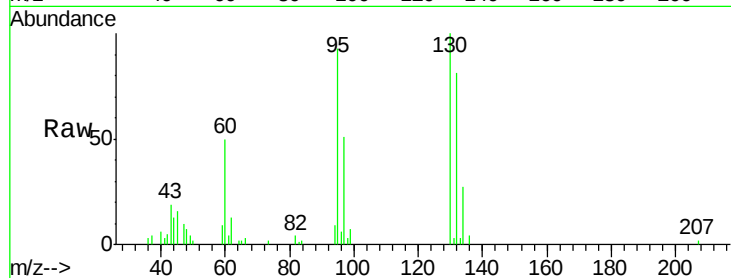
PB133157TB

Tot Ion:130 Resp: 8472

Ion Ratio Lower Upper

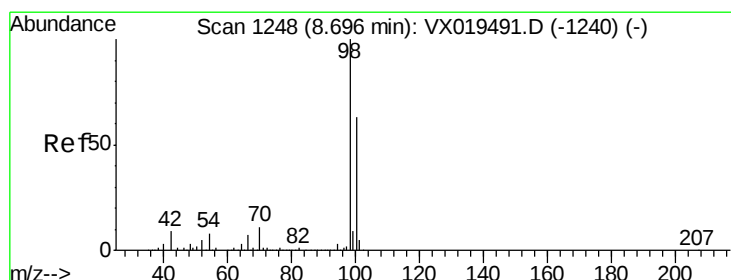
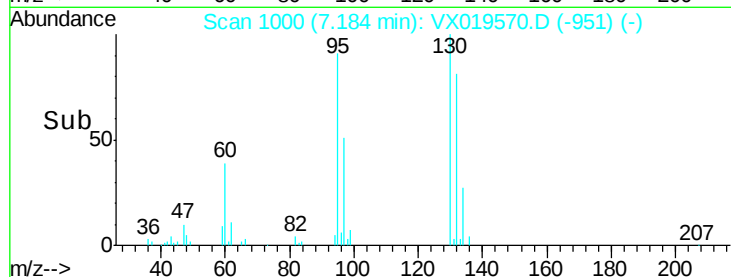
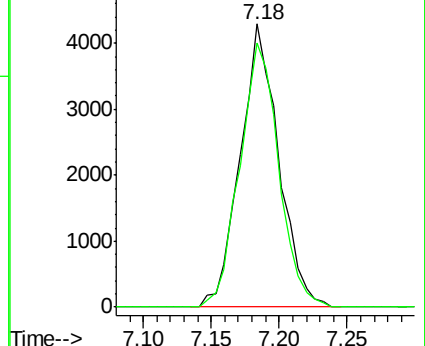
130 100

95 93.5 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.693 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019570.D

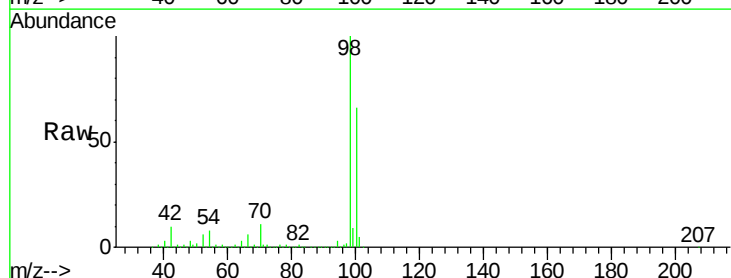
Acq: 23 Nov 2020 23:39

Tgt Ion: 98 Resp: 634972

Ion Ratio Lower Upper

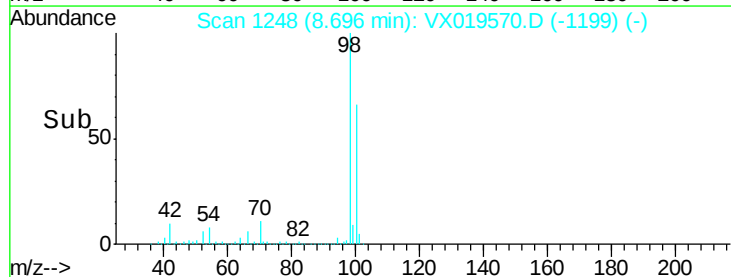
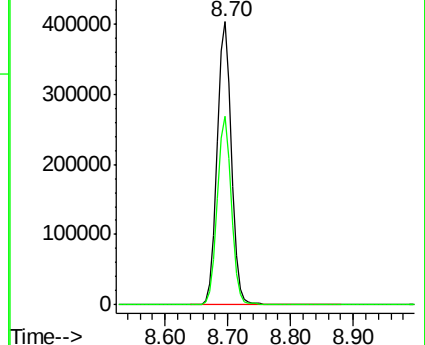
98 100

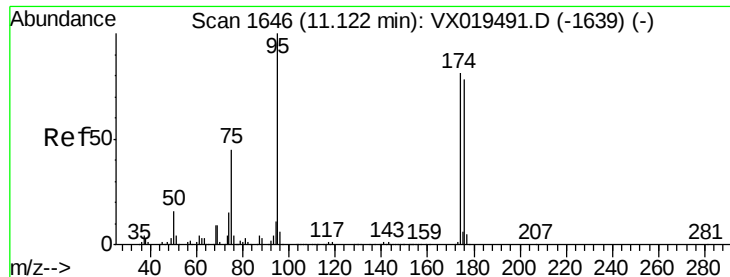
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

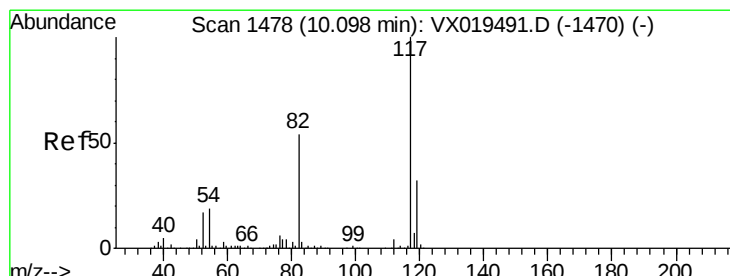
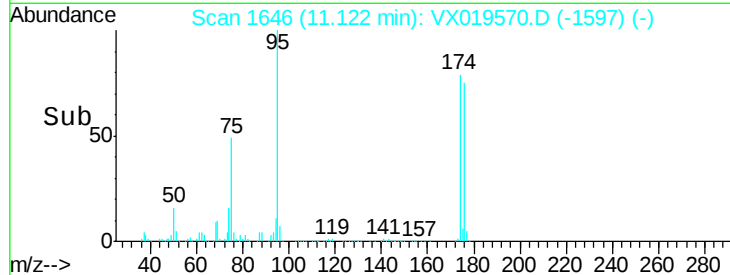
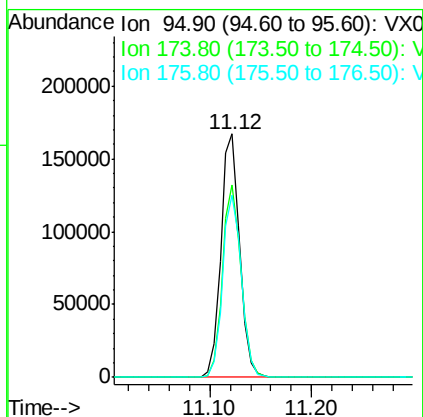
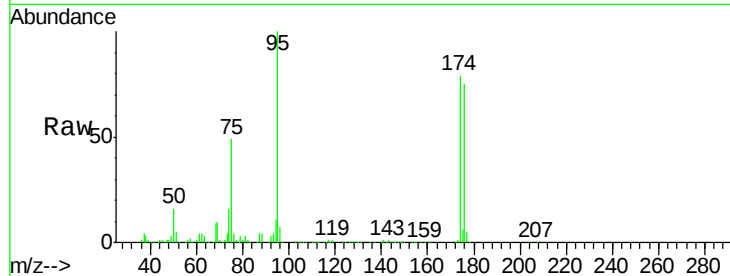




#62
 4-Bromofluorobenzene
 Concen: 45.579 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

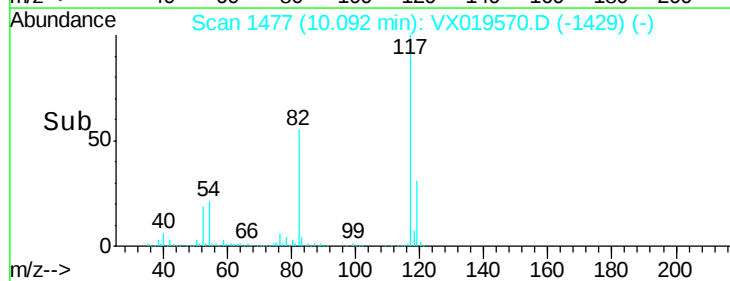
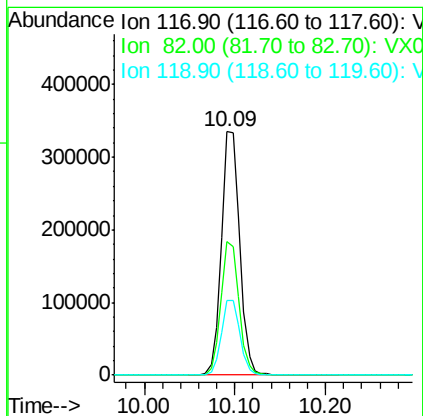
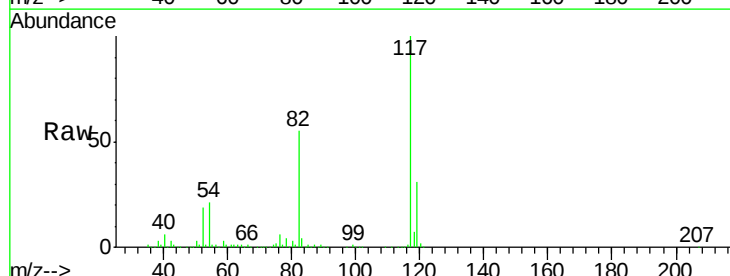
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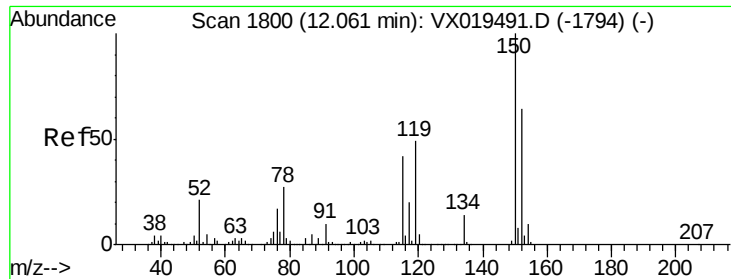
Tot Ion: 95 Resp: 213844
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 156.2
 176 75.1 0.0 151.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.09 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: VX019570.D
 Acq: 23 Nov 2020 23:39

Tgt Ion: 117 Resp: 471310
 Ion Ratio Lower Upper
 117 100
 82 54.8 43.0 64.4
 119 30.7 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: VX019570.D

Acq: 23 Nov 2020 23:39

Instrument :

MSVOA_X

ClientSampleId :

PB133157TB

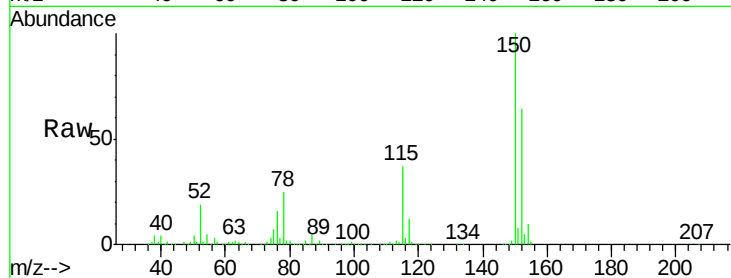
Tot Ion:152 Resp: 192730

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 158.4 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

