

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019573.D
 Acq On : 24 Nov 2020 00:49
 Operator : JC/MD
 Sample : PB133157ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157ZHE#03

Quant Time: Nov 24 05:48:21 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	336442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202109	46.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.66%		
35) Dibromofluoromethane	5.46	113	163152	47.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.76%		
50) Toluene-d8	8.70	98	645954	48.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.56%		
62) 4-Bromofluorobenzene	11.12	95	221154	46.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.84%		

Target Compounds

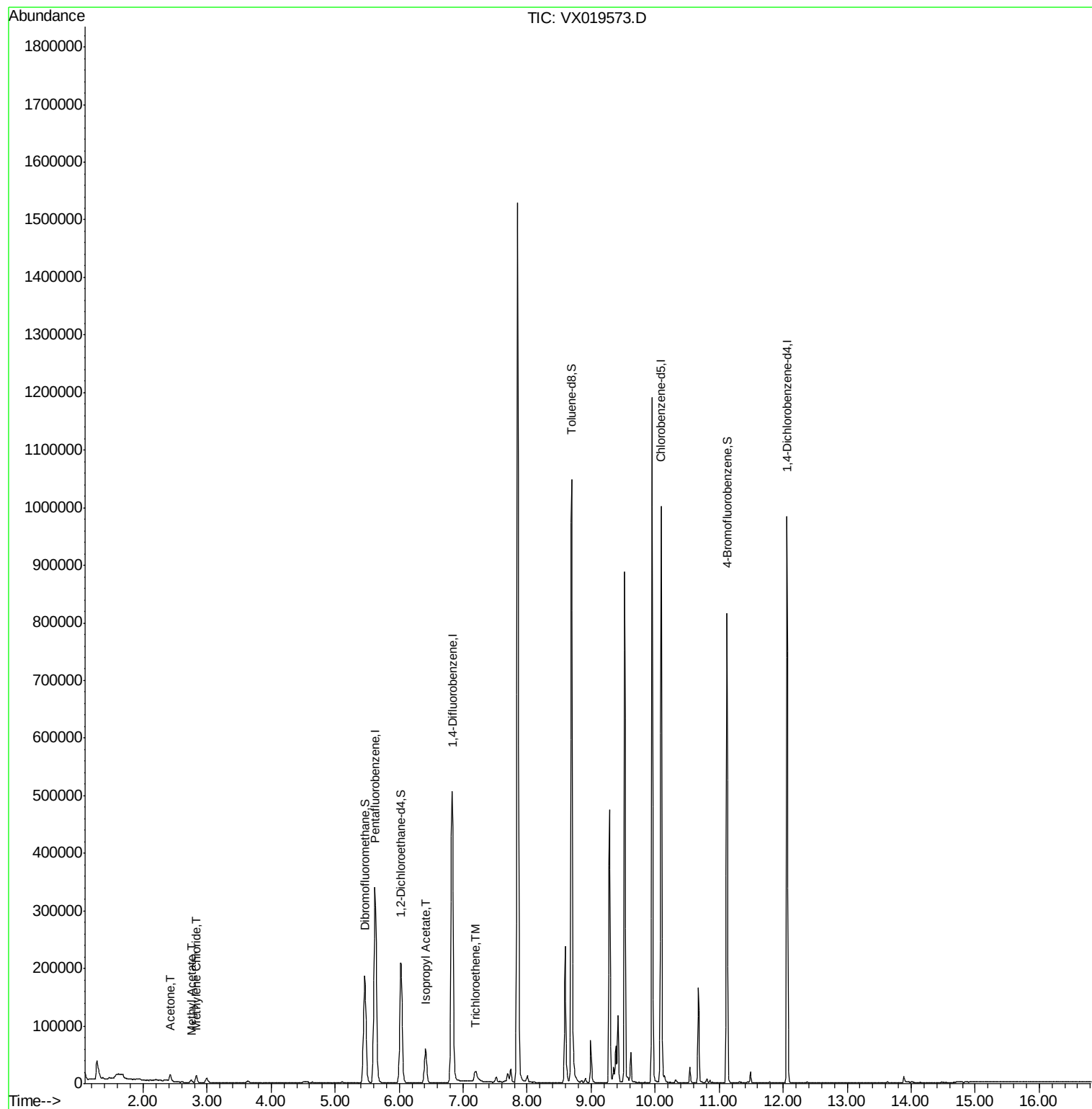
					Qvalue
16) Acetone	2.42	43	11682	6.925	ug/l 99
18) Methyl Acetate	2.75	43	5228	1.882	ug/l 96
20) Methylene Chloride	2.83	84	6419	1.522	ug/l 97
43) Isopropyl Acetate	6.41	43	78776	9.808	ug/l 99
44) Trichloroethene	7.18	130	5361	1.309	ug/l 95

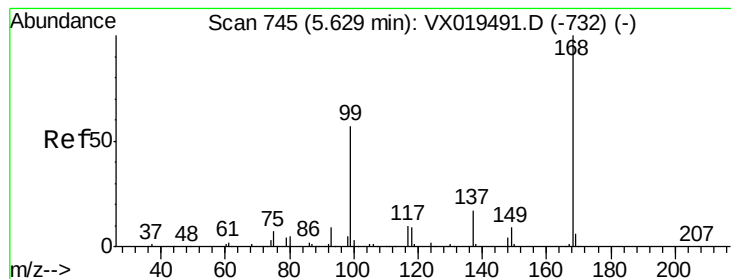
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019573.D

Acq: 24 Nov 2020 00:49

Instrument :

MSVOA_X

ClientSampleId :

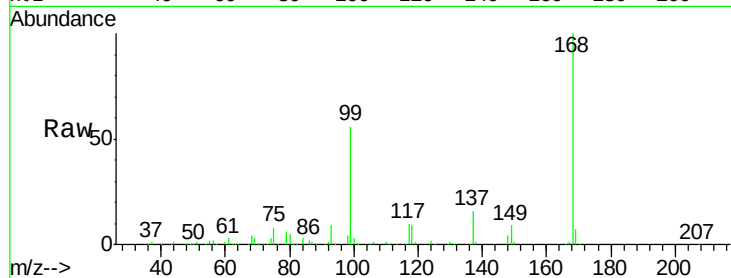
PB133157ZHE#03

Tot Ion:168 Resp: 336442

Ion Ratio Lower Upper

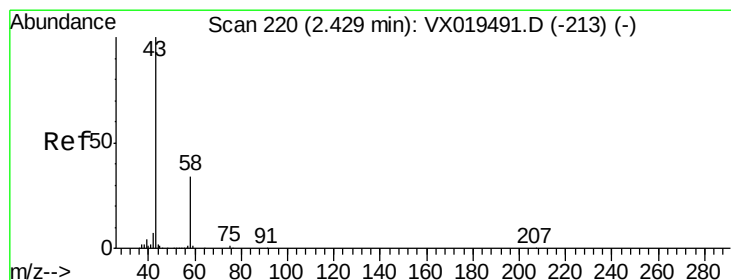
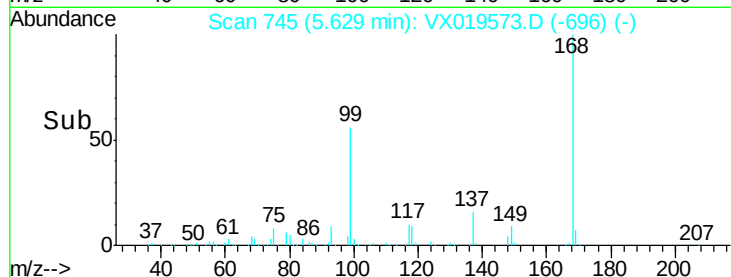
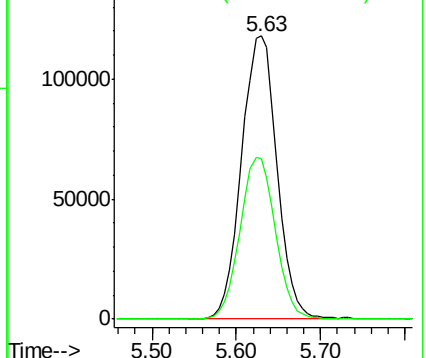
168 100

99 56.5 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: 6.925 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019573.D

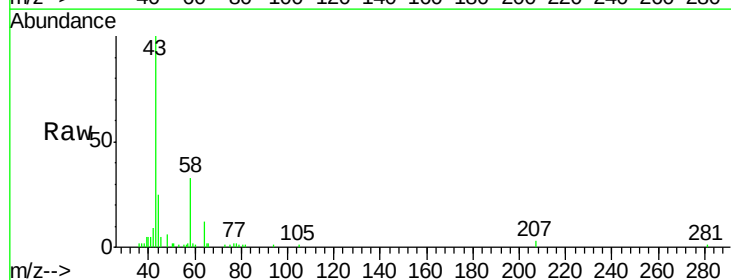
Acq: 24 Nov 2020 00:49

Tgt Ion: 43 Resp: 11682

Ion Ratio Lower Upper

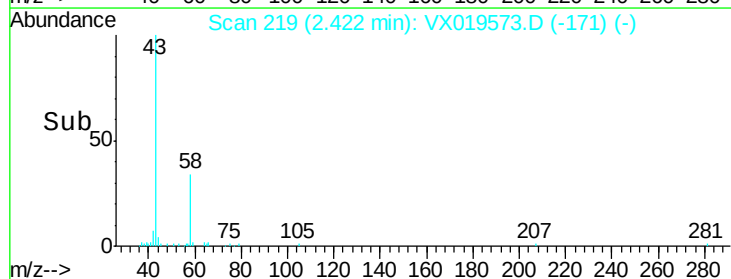
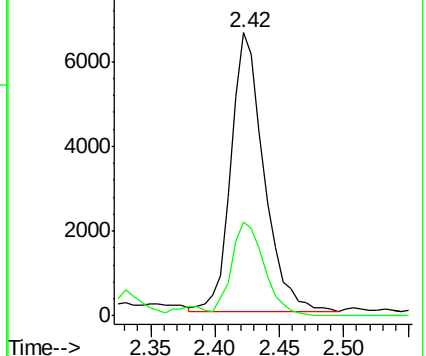
43 100

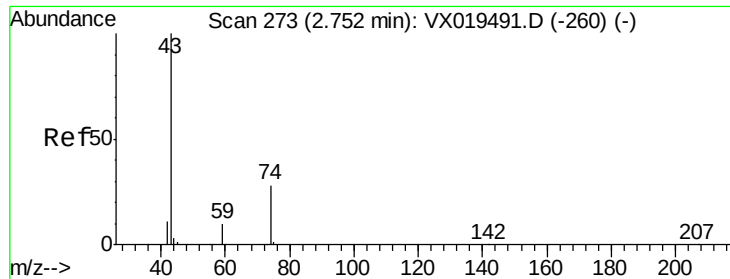
58 33.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

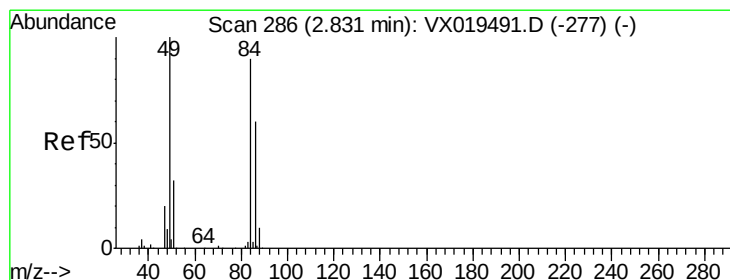
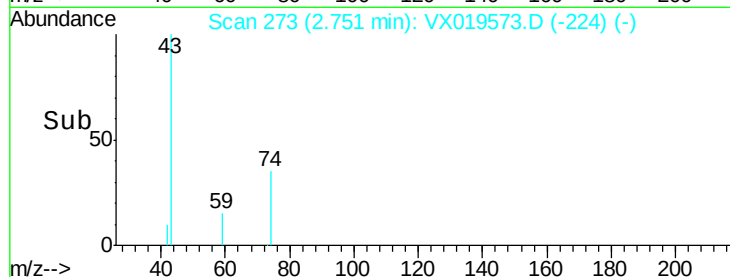
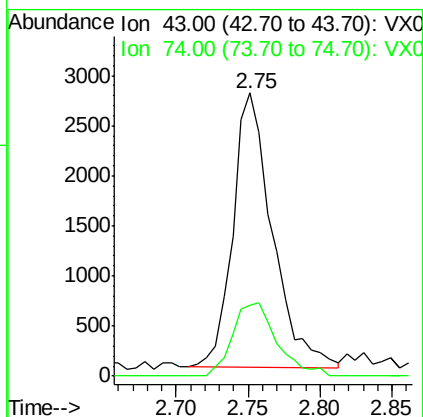
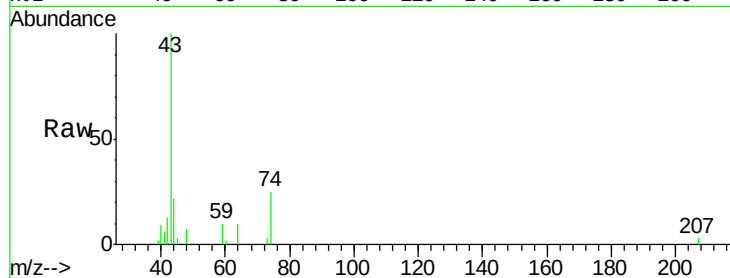




#18
Methvl Acetate
Concen: 1.882 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019573.D
Acq: 24 Nov 2020 00:49

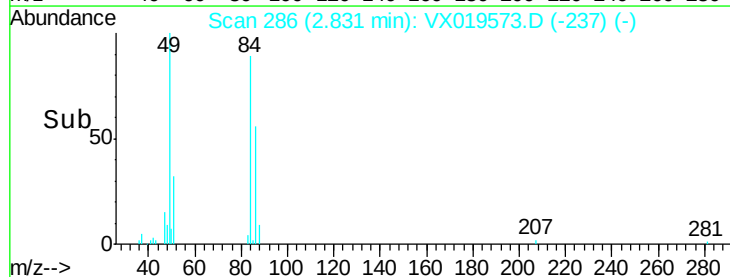
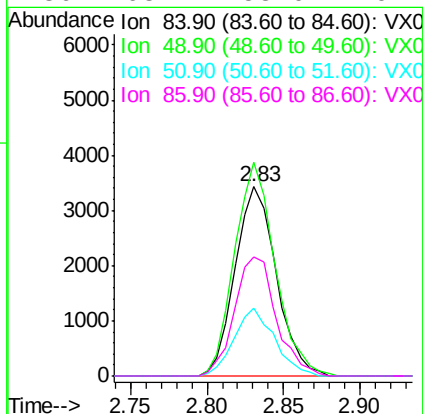
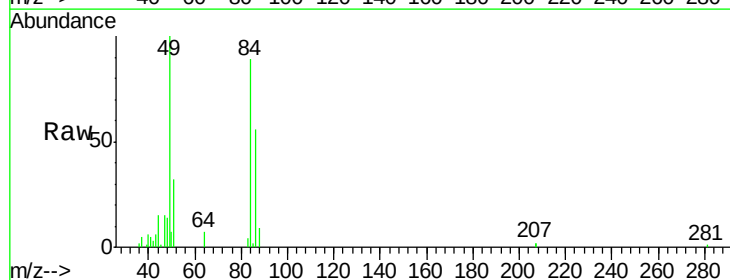
Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#03

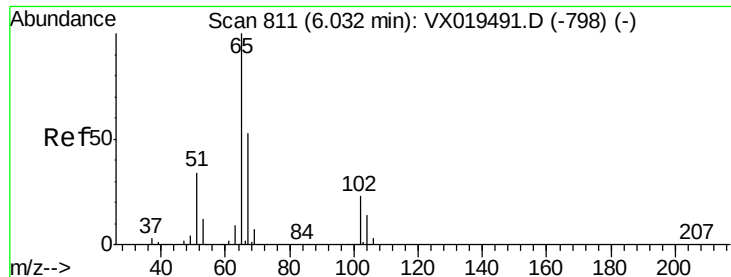
Tot Ion: 43 Resp: 5228
Ion Ratio Lower Upper
43 100
74 30.1 22.2 33.4



#20
Methylene Chloride
Concen: 1.522 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019573.D
Acq: 24 Nov 2020 00:49

Tgt Ion: 84 Resp: 6419
Ion Ratio Lower Upper
84 100
49 112.9 88.5 132.7
51 36.0 28.0 42.0
86 63.2 53.0 79.4

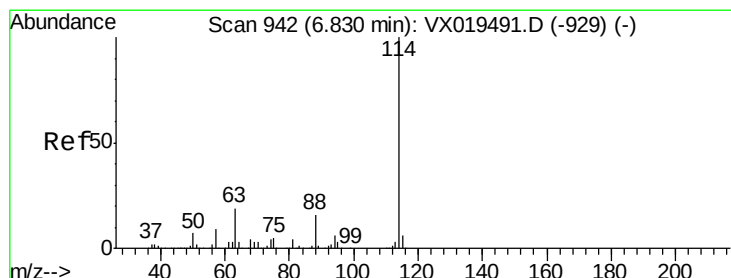
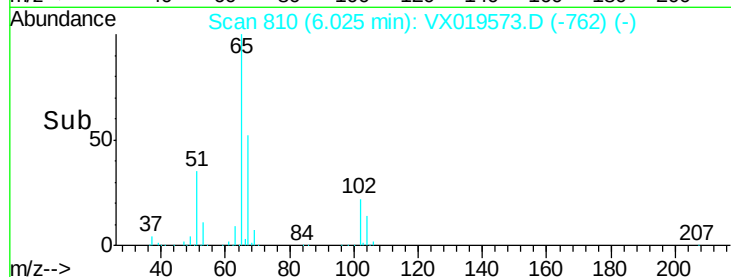
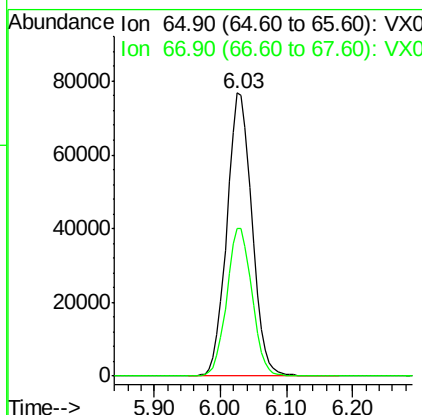
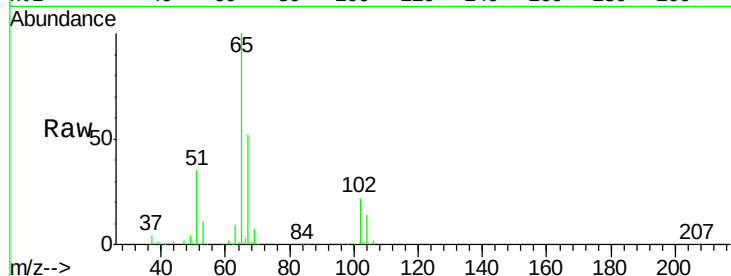




#33
 1,2-Dichloroethane-d4
 Concen: 46.331 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019573.D
 Acq: 24 Nov 2020 00:49

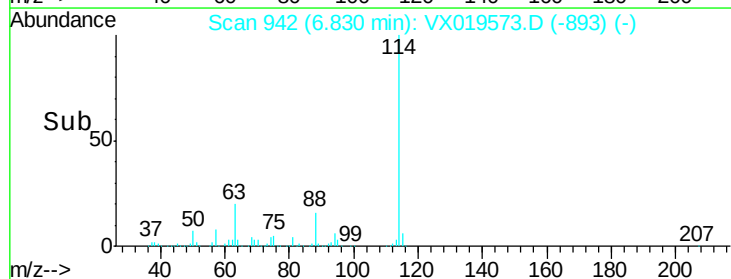
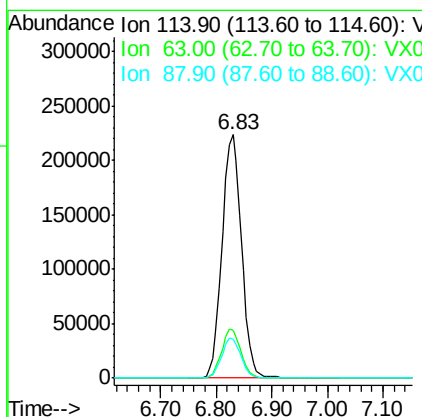
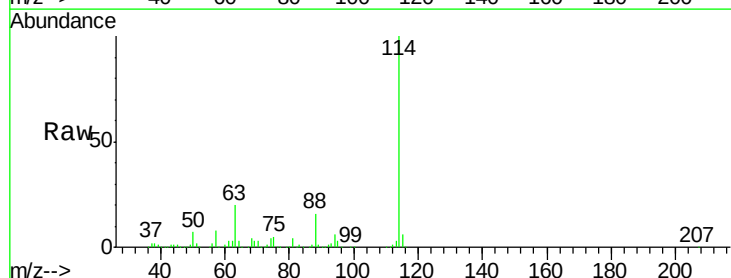
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157ZHE#03

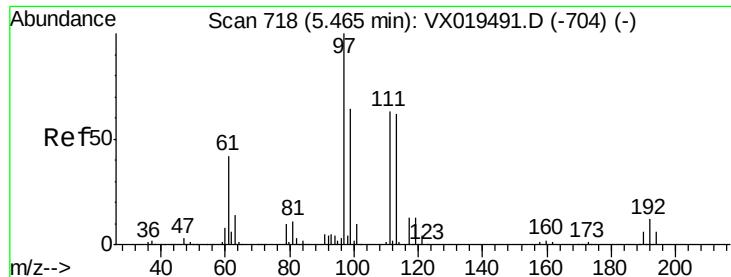
Tot Ion: 65 Resp: 202109
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019573.D
 Acq: 24 Nov 2020 00:49

Tgt Ion: 114 Resp: 542876
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.9 0.0 31.6

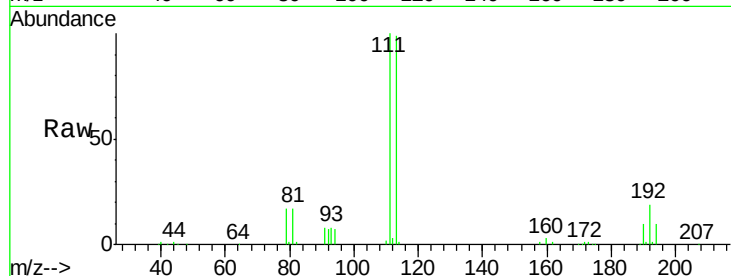




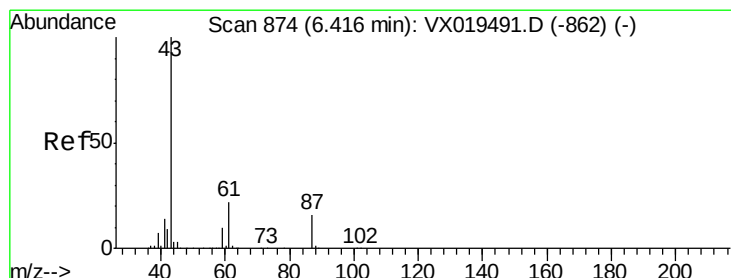
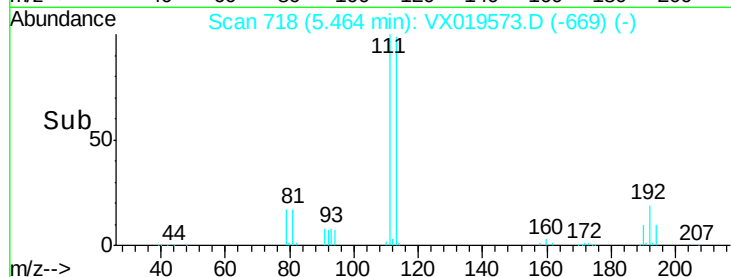
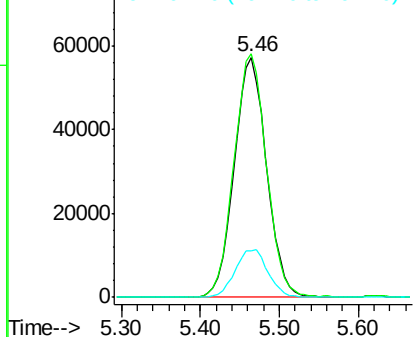
#35
 Dibromofluoromethane
 Concen: 47.878 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019573.D
 Acq: 24 Nov 2020 00:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	20.2	16.2	24.2

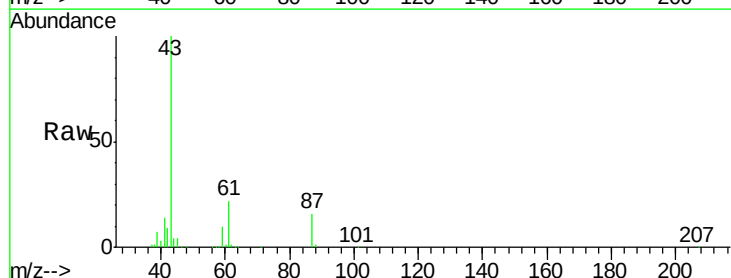


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

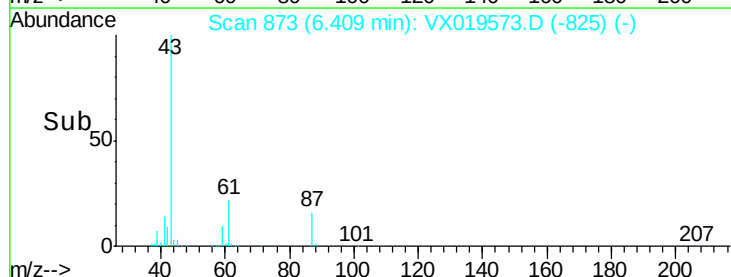
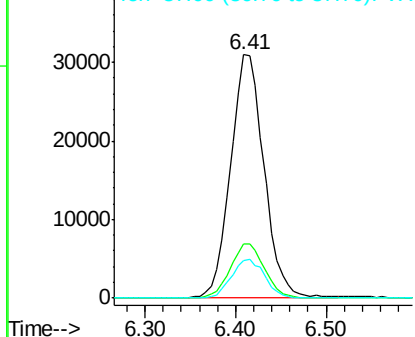


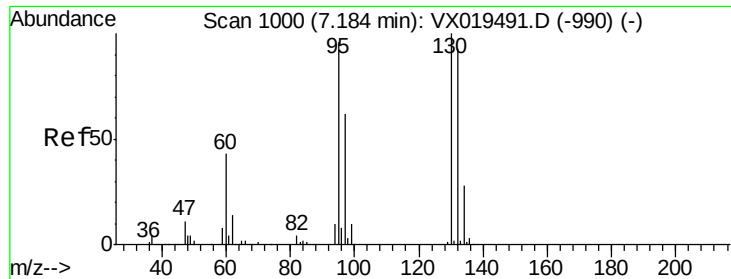
#43
 Isopropyl Acetate
 Concen: 9.808 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019573.D
 Acq: 24 Nov 2020 00:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.2
87	16.0	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





#44

Trichloroethene

Concen: 1.309 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019573.D

Acq: 24 Nov 2020 00:49

Instrument :

MSVOA_X

ClientSampleId :

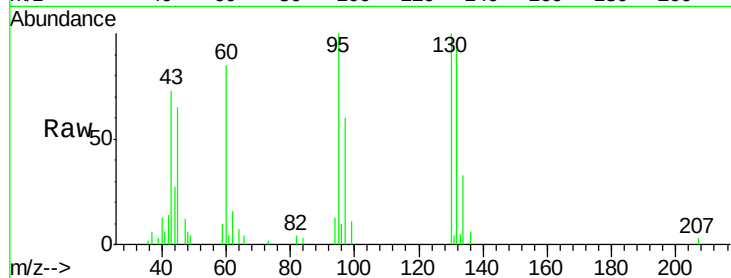
PB133157ZHE#03

Tot Ion:130 Resp: 5361

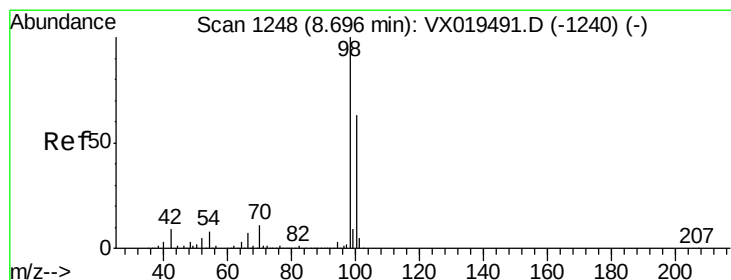
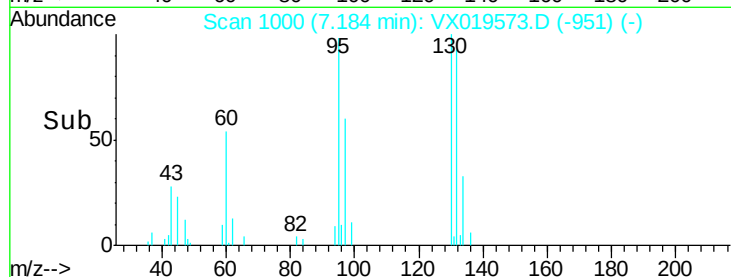
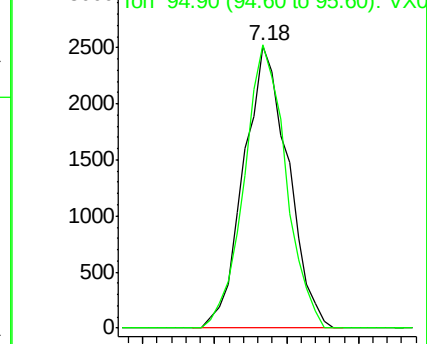
Ion Ratio Lower Upper

130 100

95 100.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 48.782 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019573.D

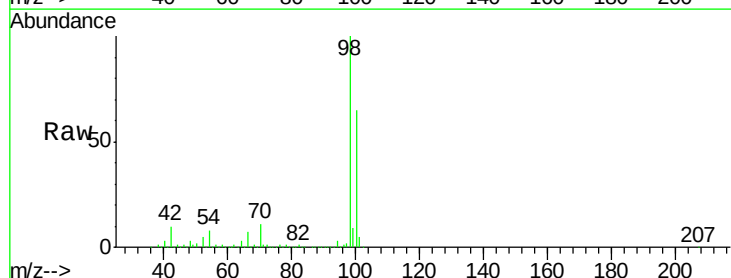
Acq: 24 Nov 2020 00:49

Tgt Ion: 98 Resp: 645954

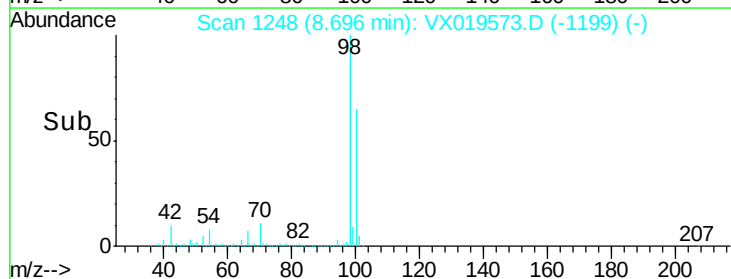
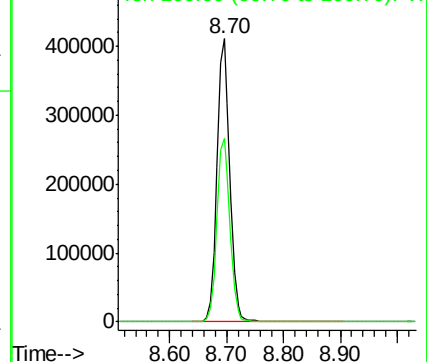
Ion Ratio Lower Upper

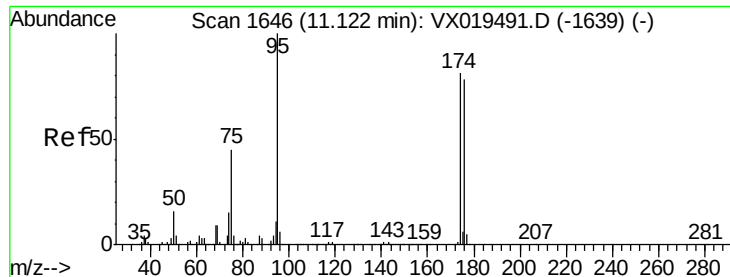
98 100

100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.420 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019573.D

Acq: 24 Nov 2020 00:49

Instrument :

MSVOA_X

ClientSampleId :

PB133157ZHE#03

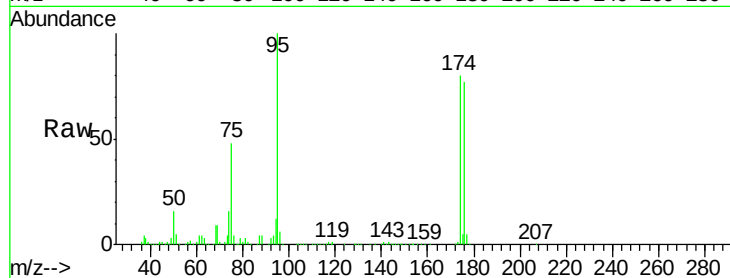
Tot Ion: 95 Resp: 221154

Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.2

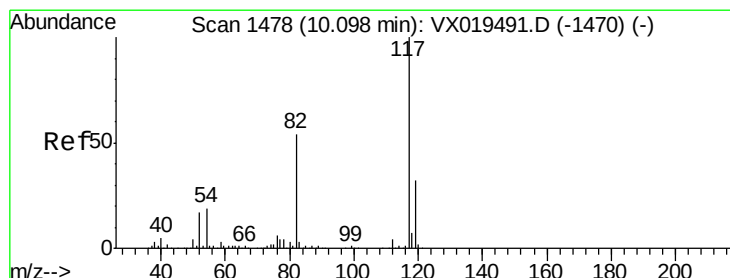
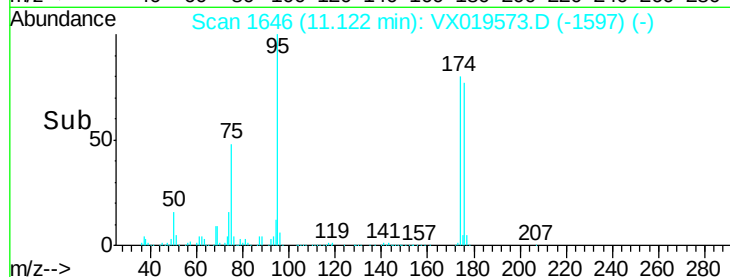
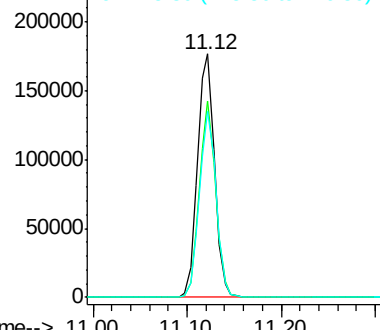
176 75.5 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019573.D

Acq: 24 Nov 2020 00:49

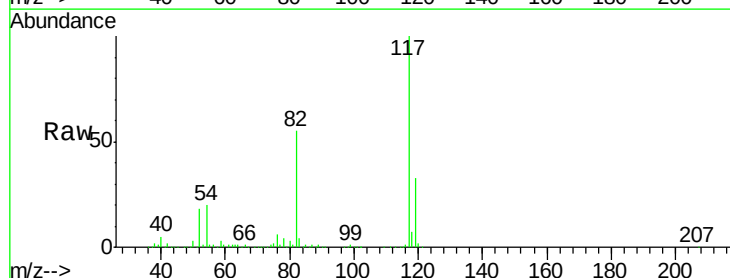
Tgt Ion: 117 Resp: 475299

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

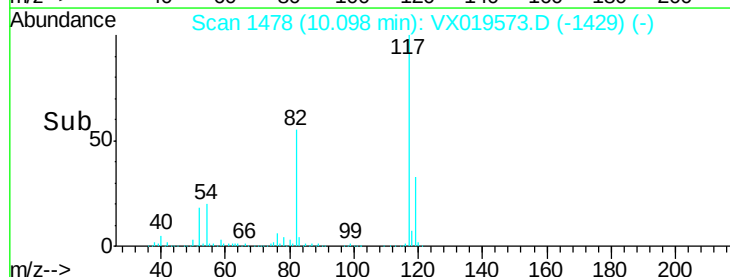
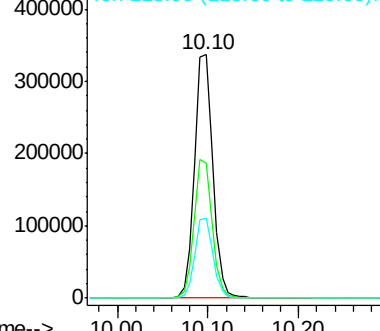
119 32.7 25.6 38.4

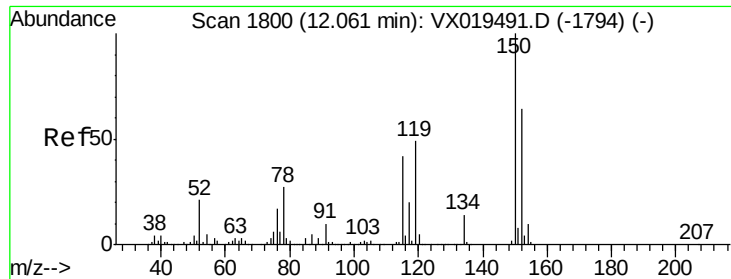


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019573.D

Acq: 24 Nov 2020 00:49

Instrument :

MSVOA_X

ClientSampleId :

PB133157ZHE#03

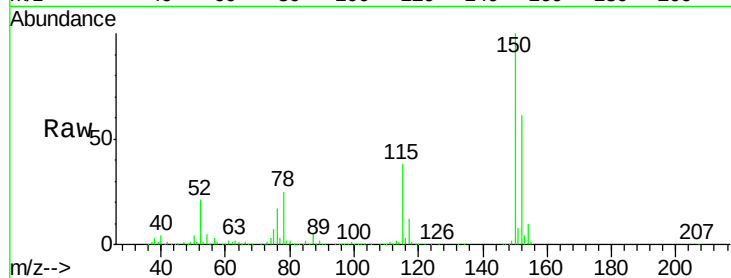
Tot Ion:152 Resp: 197791

Ion Ratio Lower Upper

152 100

115 60.8 41.8 125.4

150 160.9 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

