

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019517.D
 Acq On : 21 Nov 2020 01:13
 Operator : JC/MD
 Sample : PB133122ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133122ZHE#02

Quant Time: Nov 21 06:01:08 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	286248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173917	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	179302	48.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.62%	
35) Dibromofluoromethane		5.46	113	141170	47.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.56%	
50) Toluene-d8		8.70	98	558802	48.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.34%	
62) 4-Bromofluorobenzene		11.12	95	185639	44.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.88%	

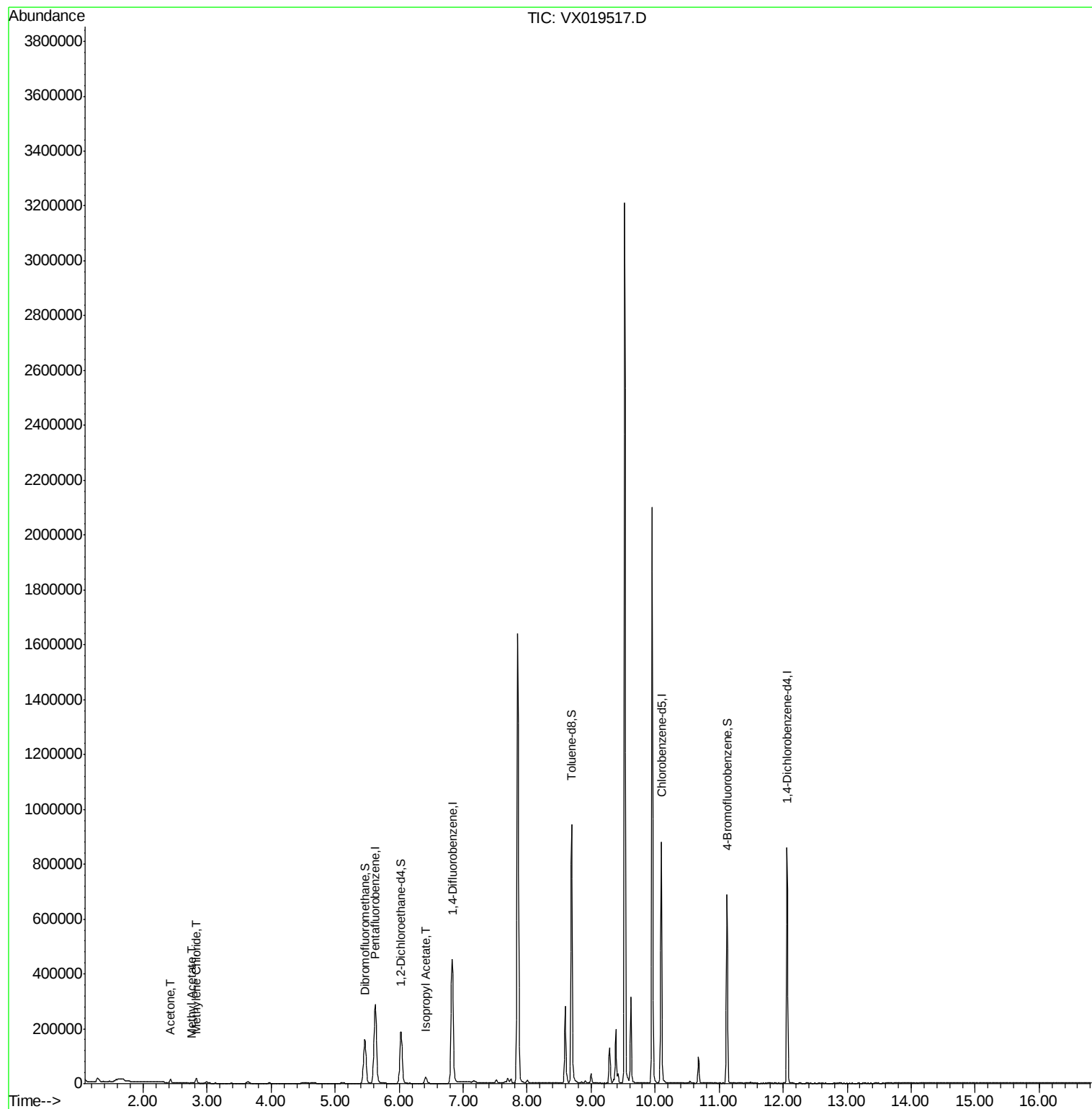
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	14754	10.280	ug/l	93
18) Methyl Acetate	2.76	43	2917	1.453	ug/l	92
20) Methylene Chloride	2.83	84	8417	2.346	ug/l	97
43) Isopropyl Acetate	6.42	43	31841	4.573	ug/l	98

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

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Quant Title : SW846 8260
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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: VX019517.D

Acq: 21 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

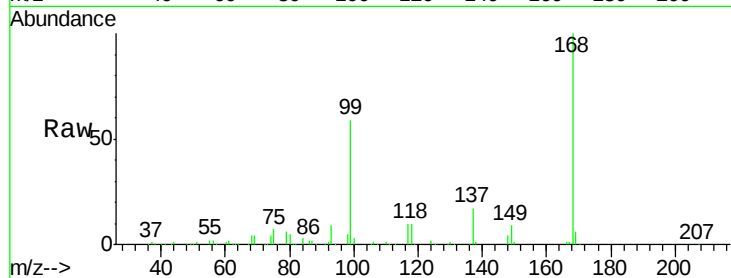
PB133122ZHE#02

Tot Ion:168 Resp: 286248

Ion Ratio Lower Upper

168 100

99 58.6 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

100000

80000

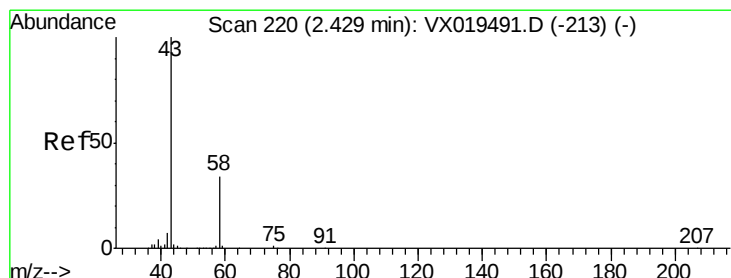
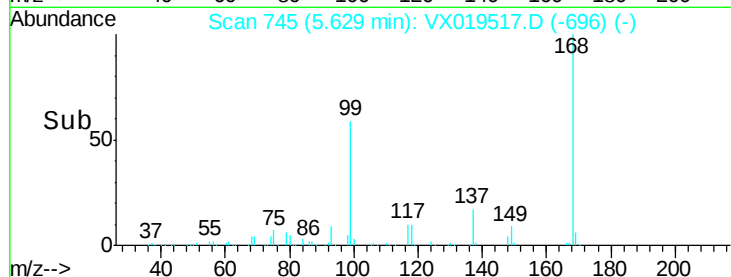
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.280 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019517.D

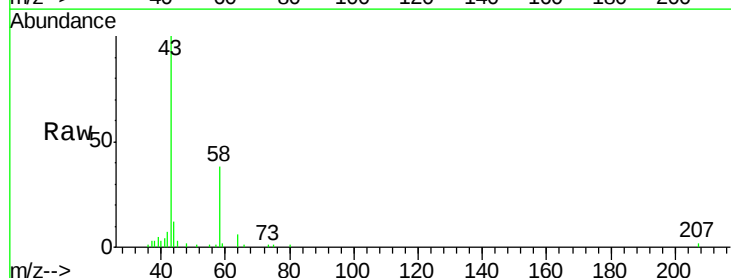
Acq: 21 Nov 2020 01:13

Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

43 100

58 38.6 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

10000

8000

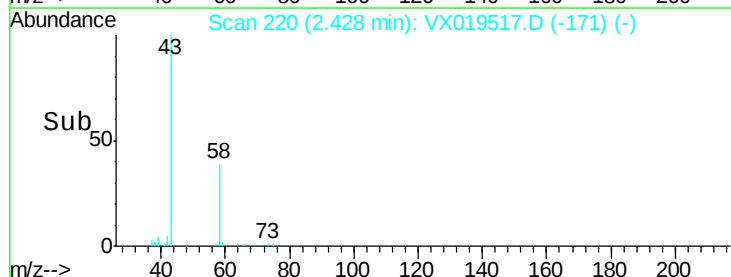
6000

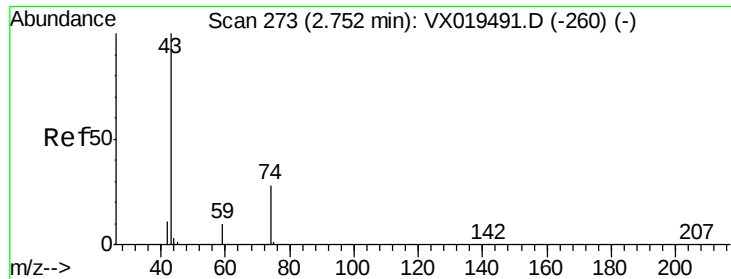
4000

2000

0

Time-->

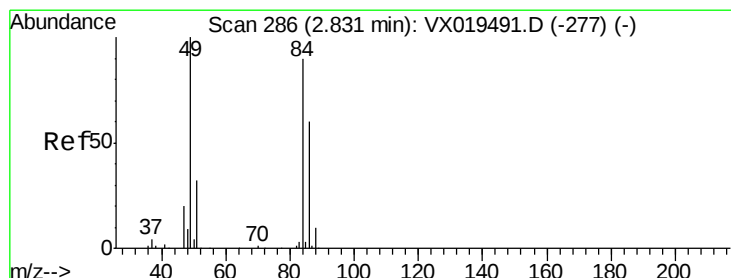
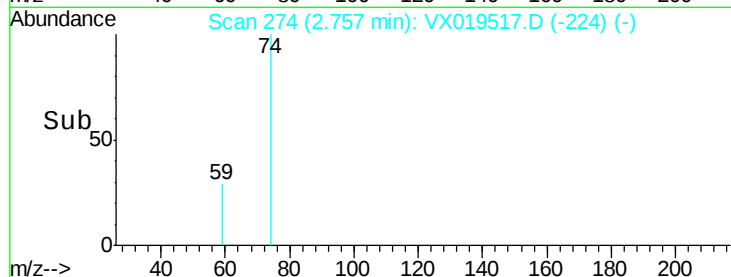
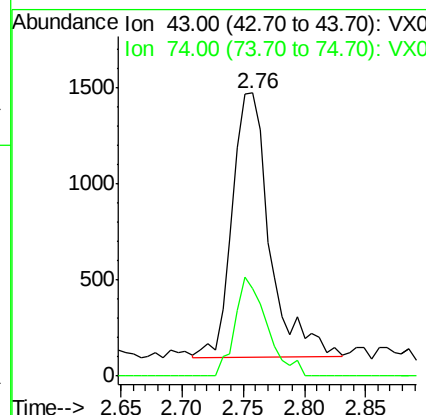
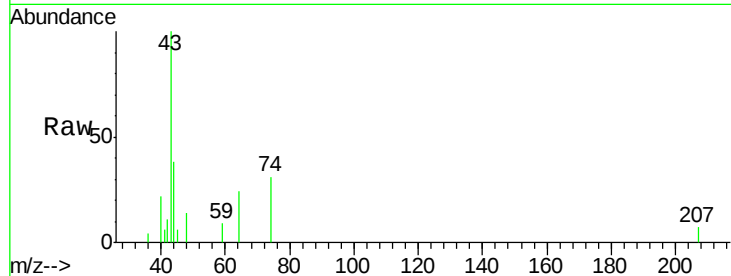




#18
Methyl Acetate
Concen: 1.453 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019517.D
Acq: 21 Nov 2020 01:13

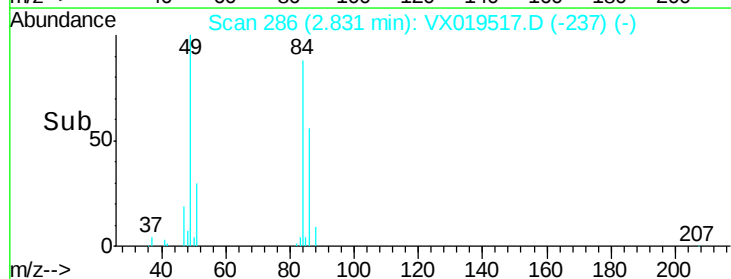
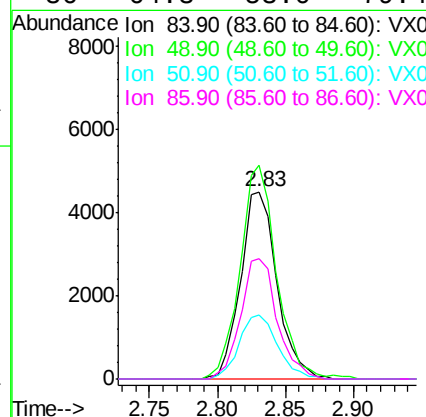
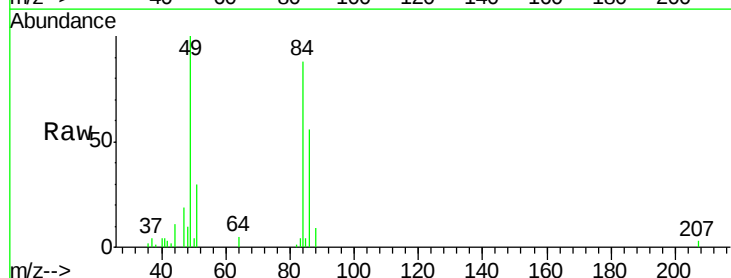
Instrument :
MSVOA_X
ClientSampleId :
PB133122ZHE#02

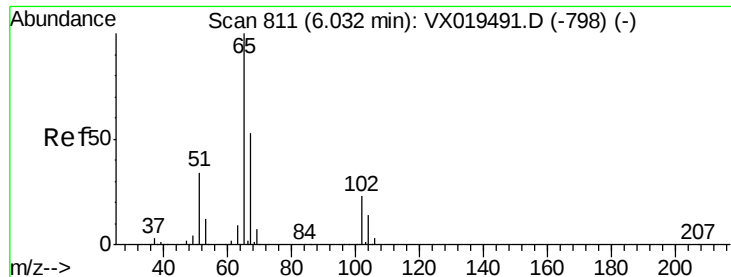
Tot Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
74 31.8 22.2 33.4



#20
Methylene Chloride
Concen: 2.346 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019517.D
Acq: 21 Nov 2020 01:13

Tgt Ion: 84 Resp: 8417
Ion Ratio Lower Upper
84 100
49 113.9 88.5 132.7
51 34.5 28.0 42.0
86 64.3 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019517.D

Acq: 21 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

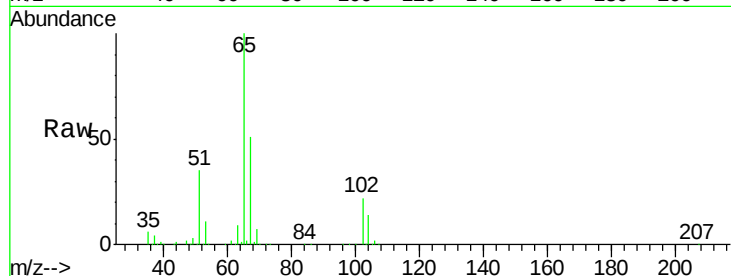
PB133122ZHE#02

Tot Ion: 65 Resp: 179302

Ion Ratio Lower Upper

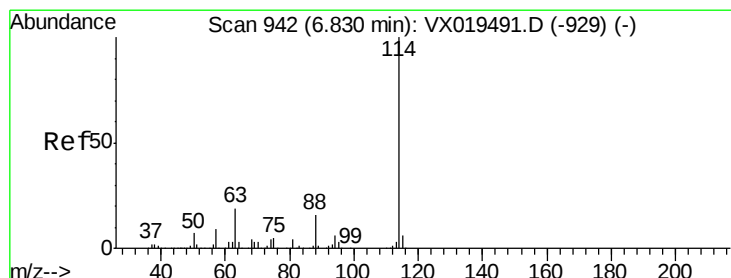
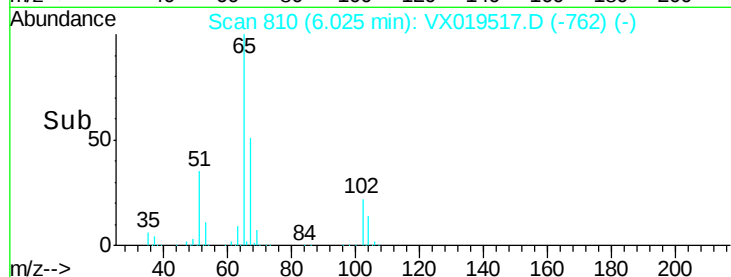
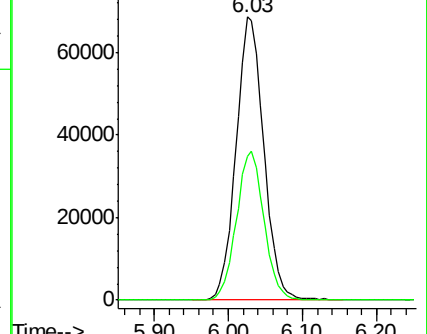
65 100

67 52.4 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: VX019517.D

Acq: 21 Nov 2020 01:13

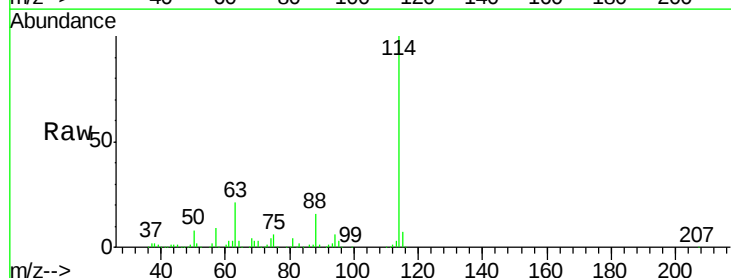
Tgt Ion: 114 Resp: 470662

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

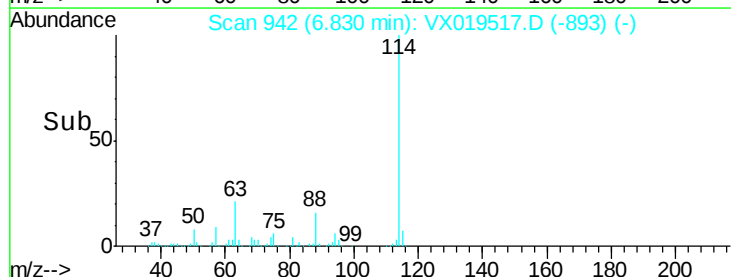
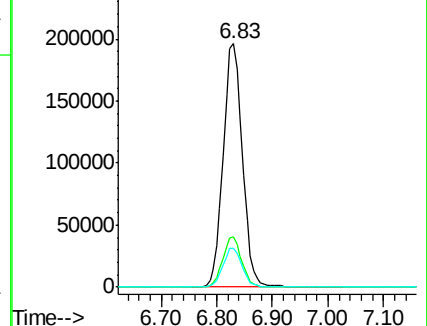
88 16.1 0.0 31.6

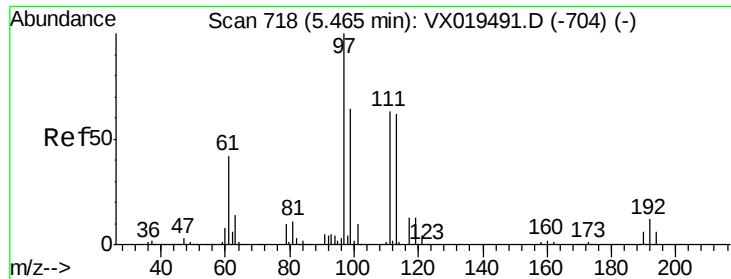


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.784 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019517.D

Acq: 21 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

PB133122ZHE#02

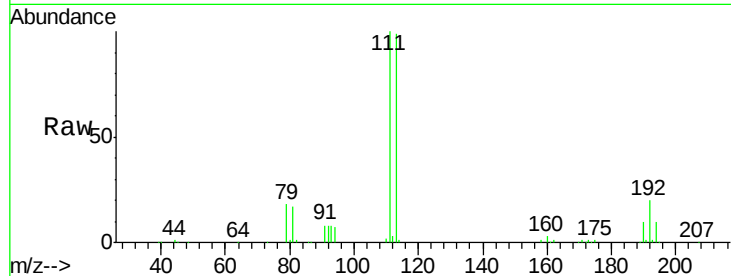
Tot Ion:113 Resp: 141170

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

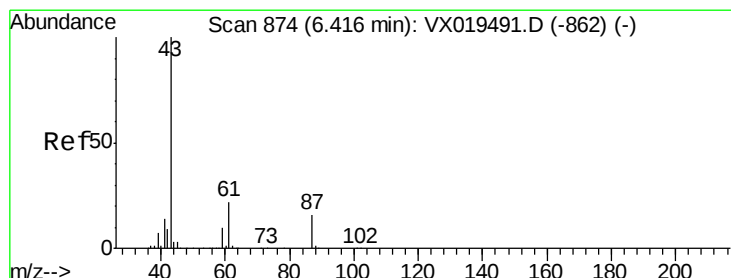
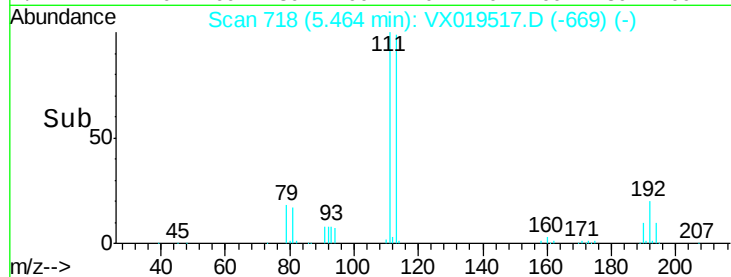
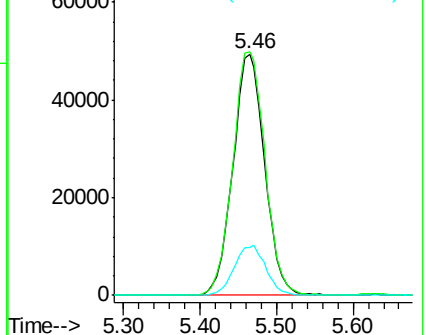
192 20.7 16.2 24.2



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: 4.573 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019517.D

Acq: 21 Nov 2020 01:13

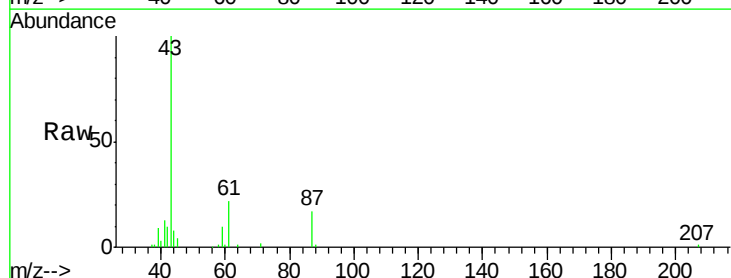
Tgt Ion: 43 Resp: 31841

Ion Ratio Lower Upper

43 100

61 21.8 18.2 27.2

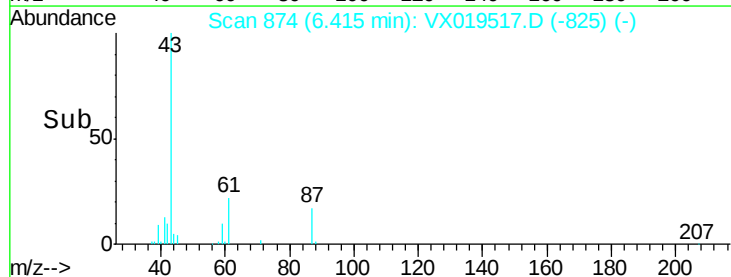
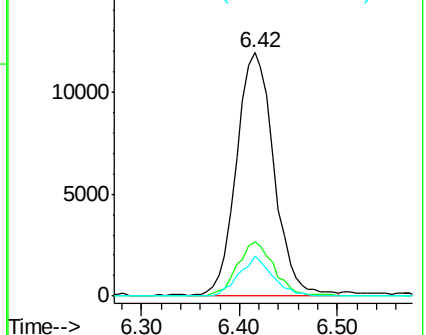
87 14.6 12.6 18.8

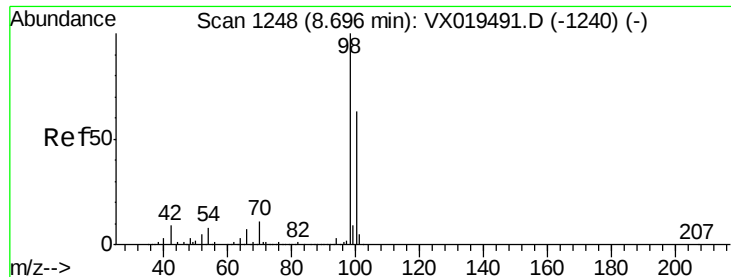


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.675 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019517.D

Acq: 21 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

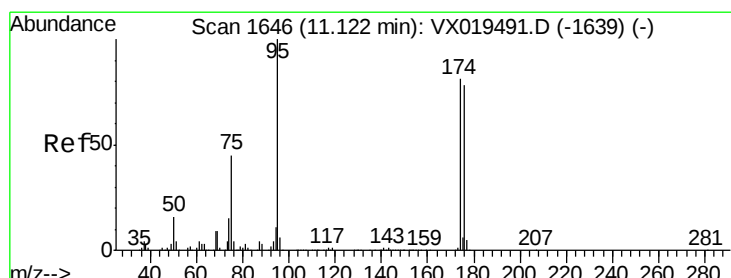
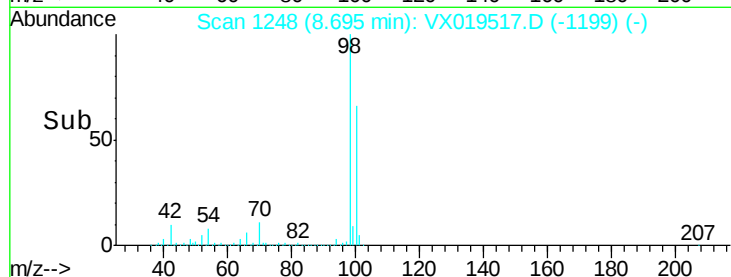
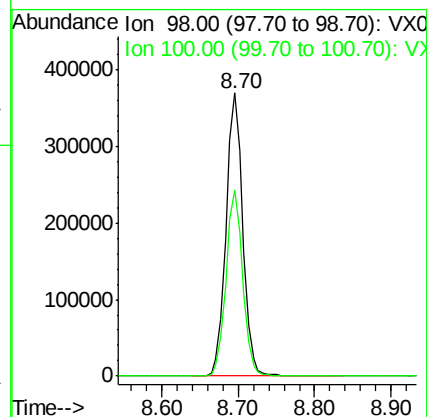
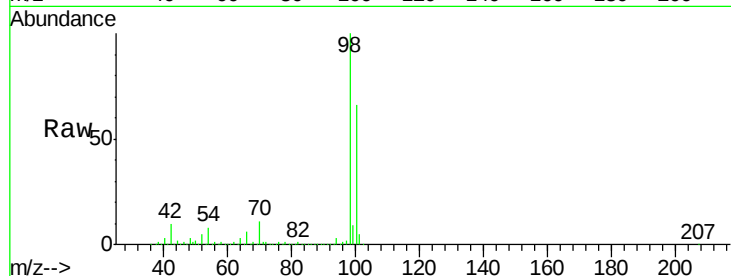
PB133122ZHE#02

Tot Ion: 98 Resp: 558802

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.944 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019517.D

Acq: 21 Nov 2020 01:13

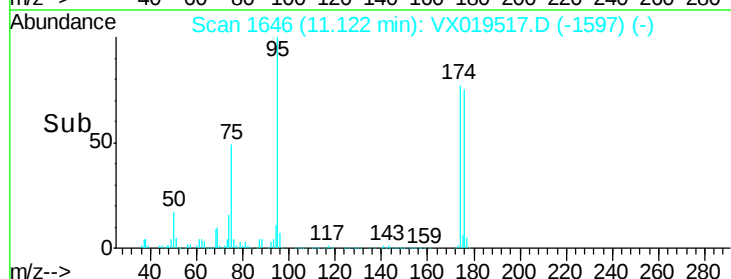
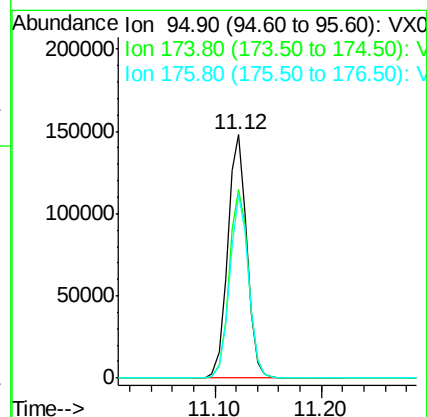
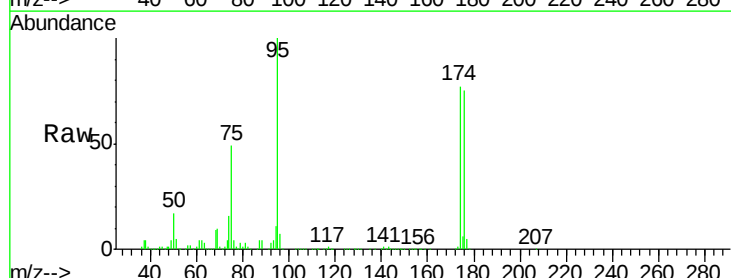
Tgt Ion: 95 Resp: 185639

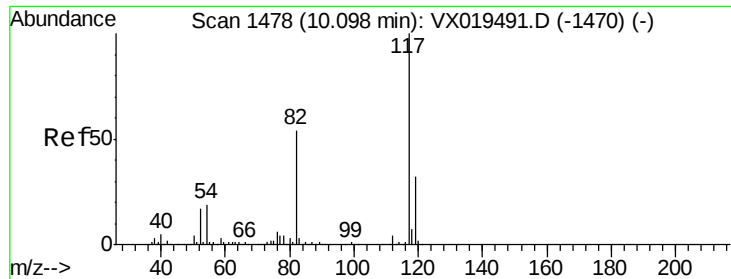
Ion Ratio Lower Upper

95 100

174 78.8 0.0 156.2

176 74.6 0.0 151.4

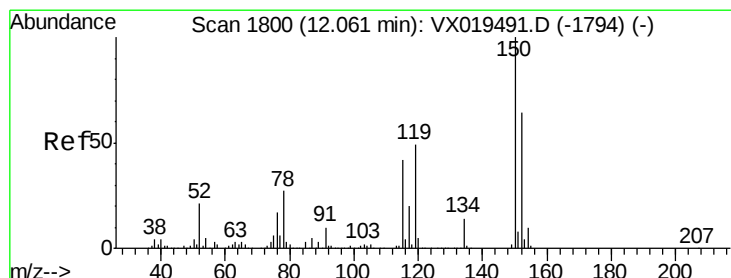
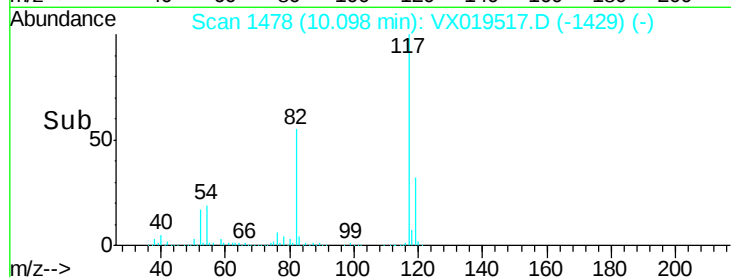
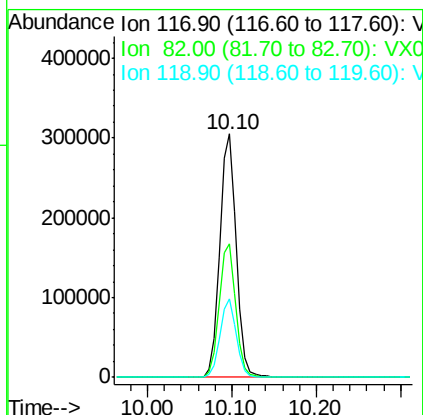
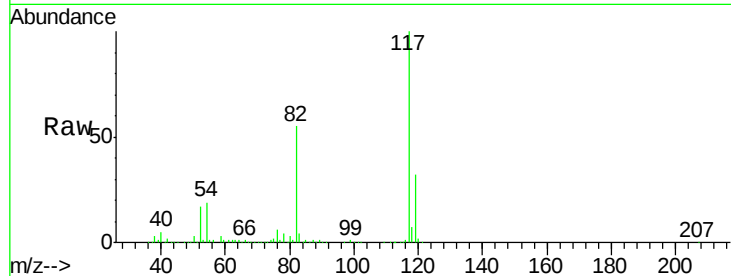




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019517.D
Acq: 21 Nov 2020 01:13

Instrument :
MSVOA_X
ClientSampleId :
PB133122ZHE#02

Tot Ion:117 Resp: 411018
Ion Ratio Lower Upper
117 100
82 55.0 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: VX019517.D
Acq: 21 Nov 2020 01:13

Tgt Ion:152 Resp: 173917
Ion Ratio Lower Upper
152 100
115 59.3 41.8 125.4
150 157.7 0.0 348.2

