

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019939.D
 Acq On : 12 Dec 2020 17:57
 Operator : JC/MD
 Sample : PB133524ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#03

Quant Time: Dec 14 08:38:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	523770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	491113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210599	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	202676	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%	
35) Dibromofluoromethane		5.46	113	164385	48.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.12%	
50) Toluene-d8		8.70	98	650502	50.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.68%	
62) 4-Bromofluorobenzene		11.12	95	227621	46.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.56%	

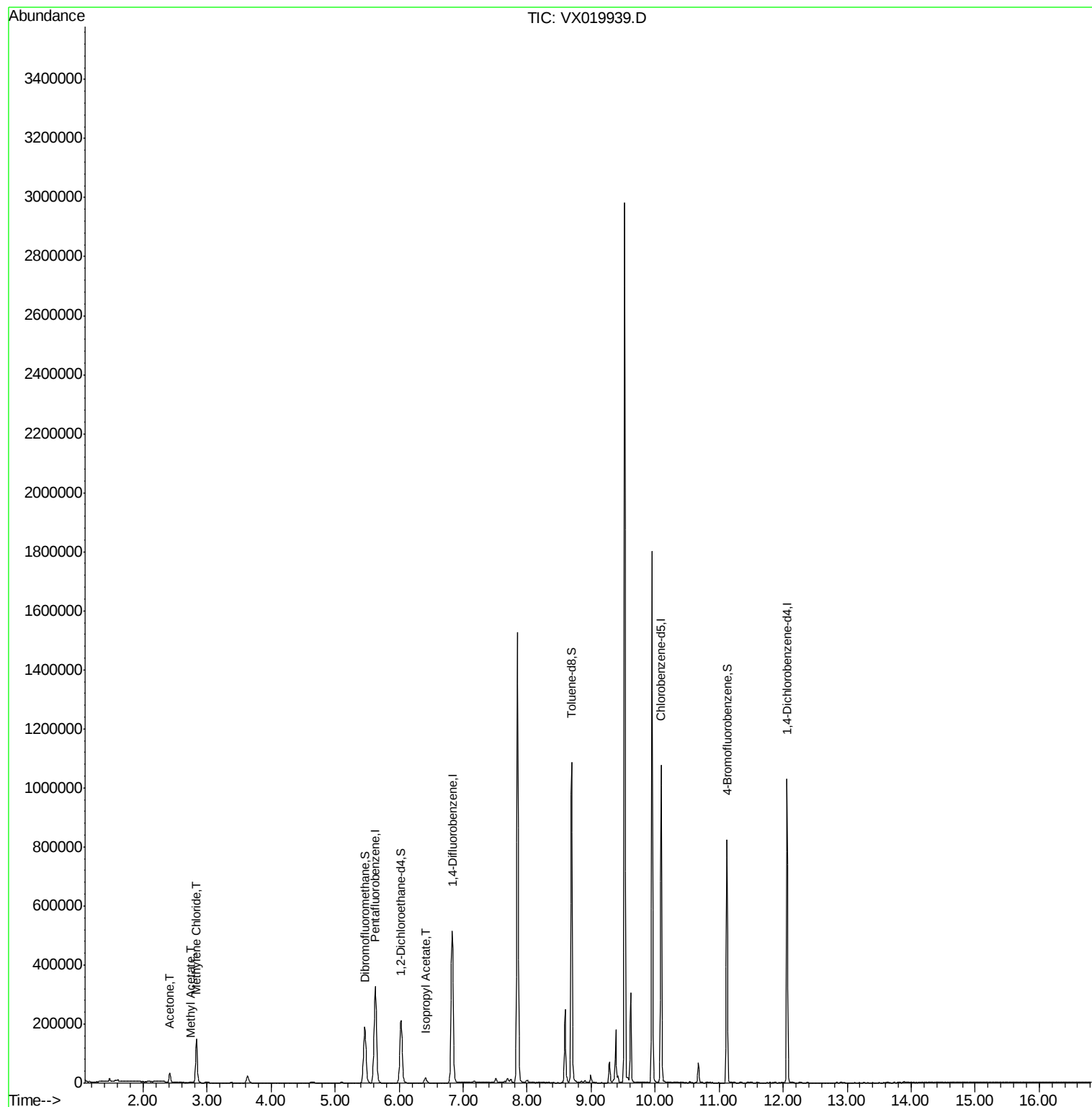
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	31783	20.741	ug/l	99
18) Methyl Acetate	2.75	43	3854	1.028	ug/l	93
20) Methylene Chloride	2.83	84	72253	19.794	ug/l	98
43) Isopropyl Acetate	6.41	43	22897	2.947	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019939.D

Acq: 12 Dec 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

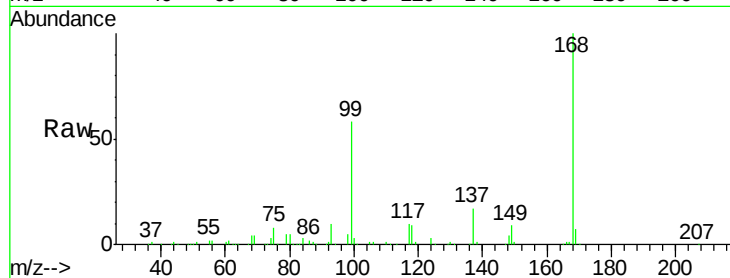
PB133524ZHE#03

Tot Ion:168 Resp: 310197

Ion Ratio Lower Upper

168 100

99 57.5 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

120000

100000

80000

60000

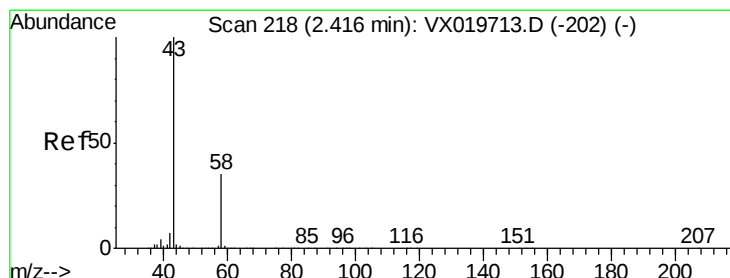
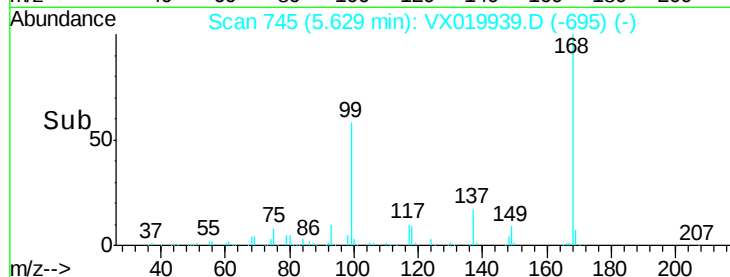
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 20.741 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019939.D

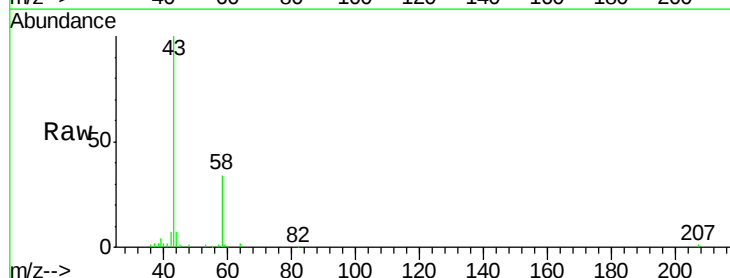
Acq: 12 Dec 2020 17:57

Tgt Ion: 43 Resp: 31783

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

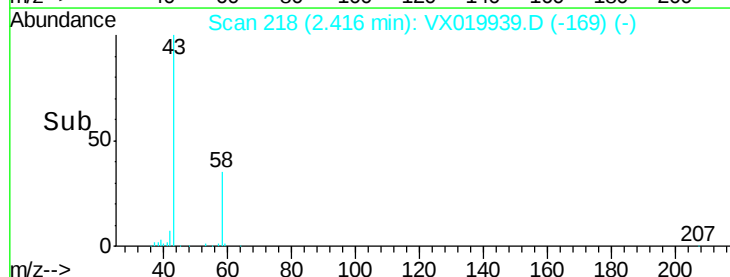
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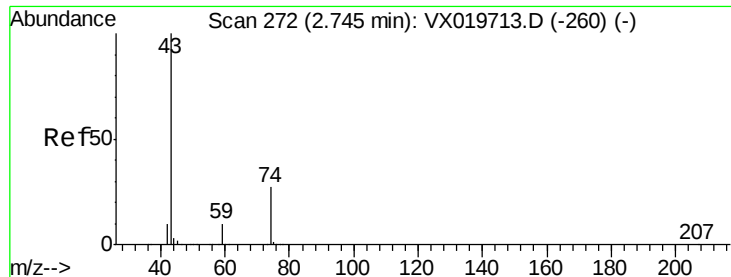
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Time-->

2.35 2.40 2.45 2.50 2.55

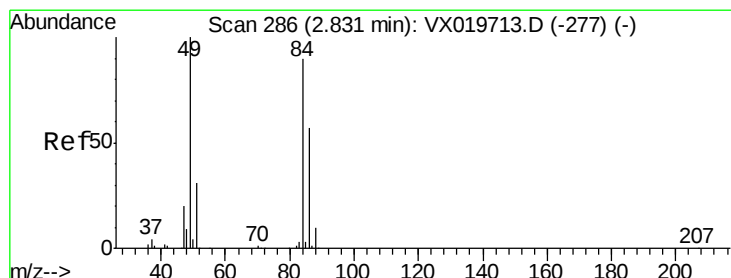
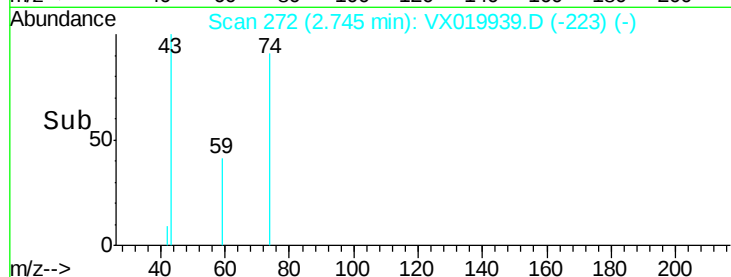
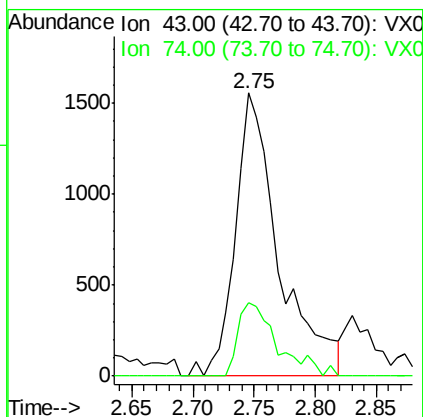
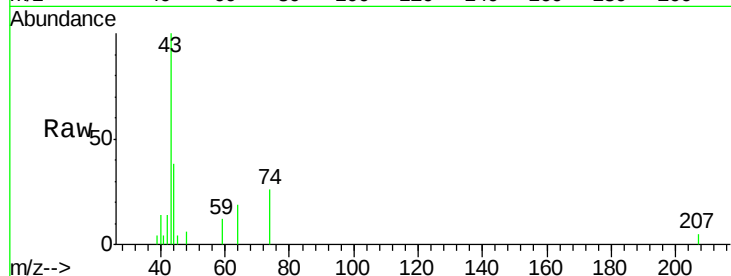




#18
Methvl Acetate
Concen: 1.028 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019939.D
Acq: 12 Dec 2020 17:57

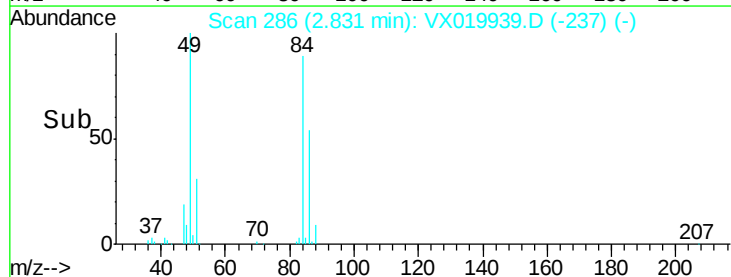
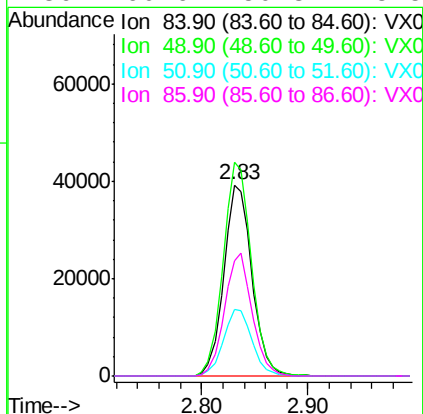
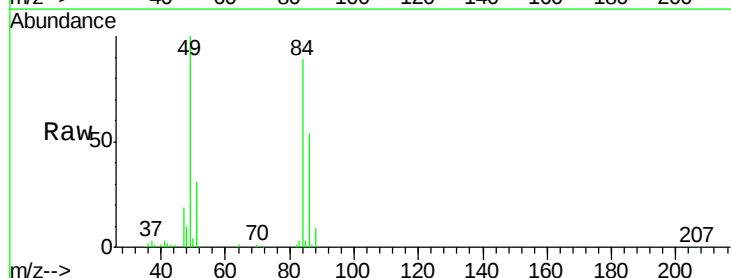
Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#03

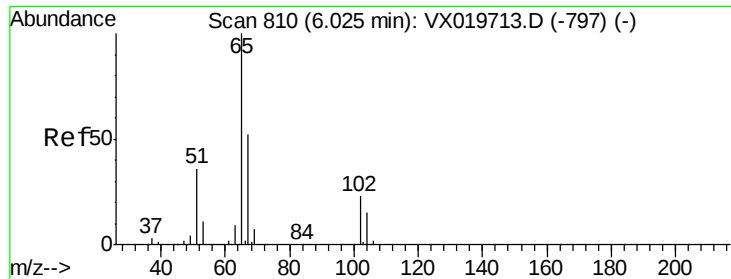
Tot Ion: 43 Resp: 3854
Ion Ratio Lower Upper
43 100
74 23.5 21.9 32.9



#20
Methylene Chloride
Concen: 19.794 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019939.D
Acq: 12 Dec 2020 17:57

Tgt Ion: 84 Resp: 72253
Ion Ratio Lower Upper
84 100
49 111.9 88.6 132.8
51 35.2 27.0 40.6
86 60.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.713 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019939.D

Acq: 12 Dec 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

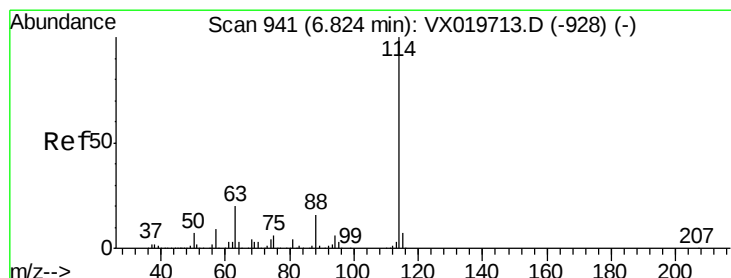
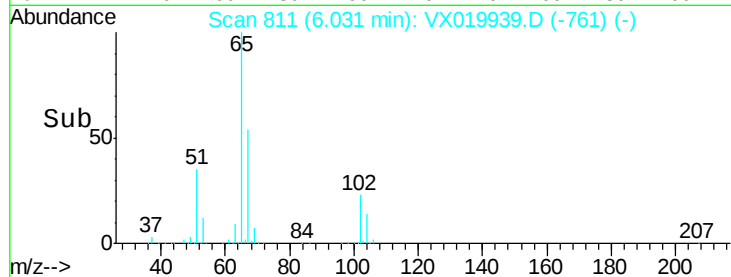
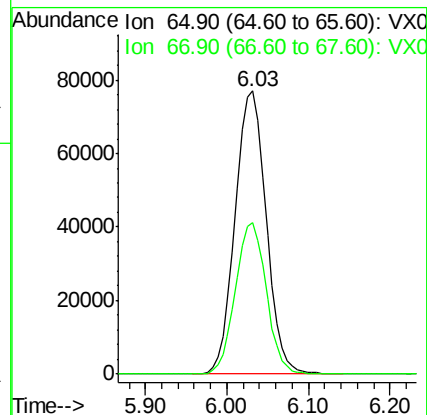
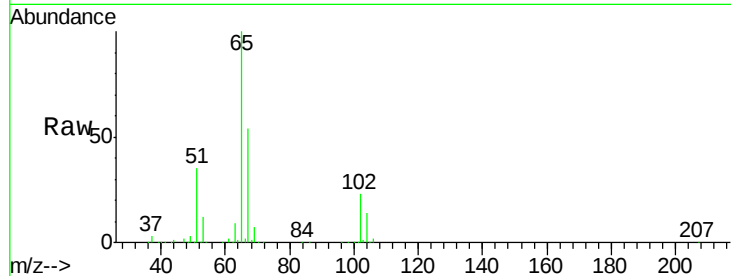
PB133524ZHE#03

Tot Ion: 65 Resp: 202676

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019939.D

Acq: 12 Dec 2020 17:57

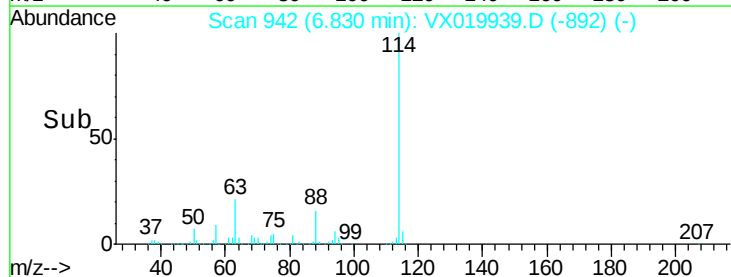
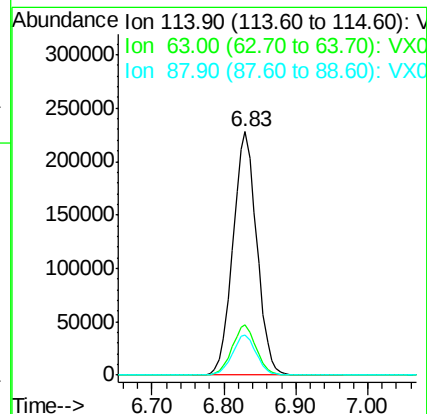
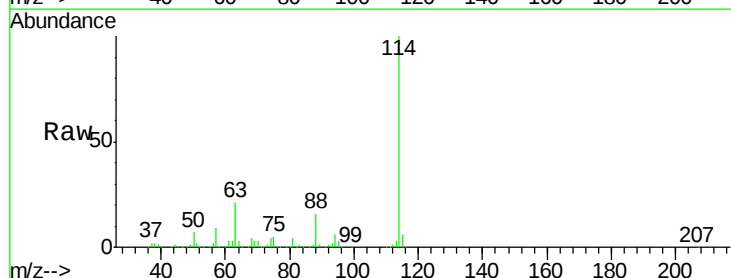
Tgt Ion: 114 Resp: 523770

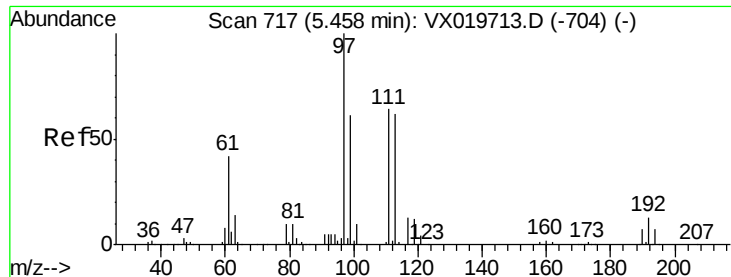
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.3 0.0 32.8

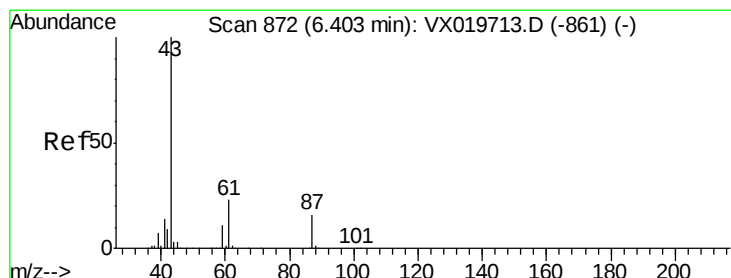
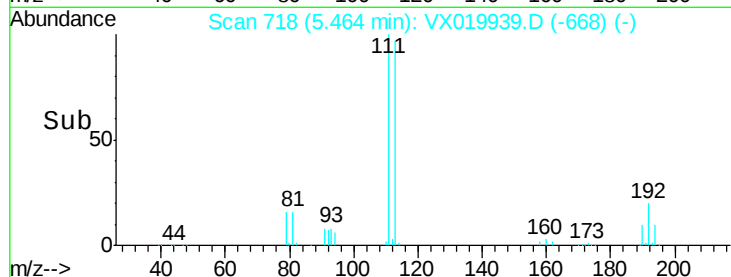
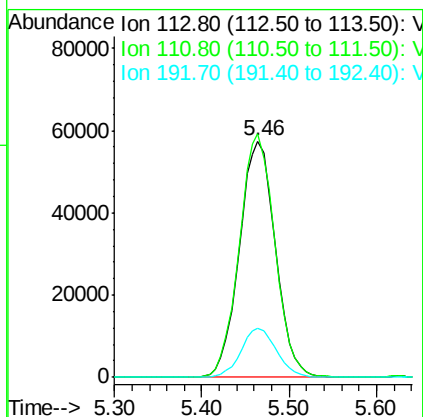
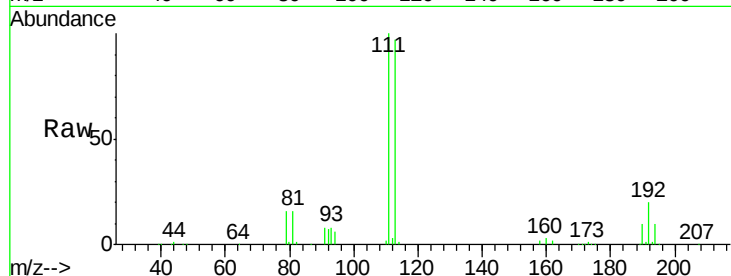




#35
 Dibromofluoromethane
 Concen: 48.562 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019939.D
 Acq: 12 Dec 2020 17:57

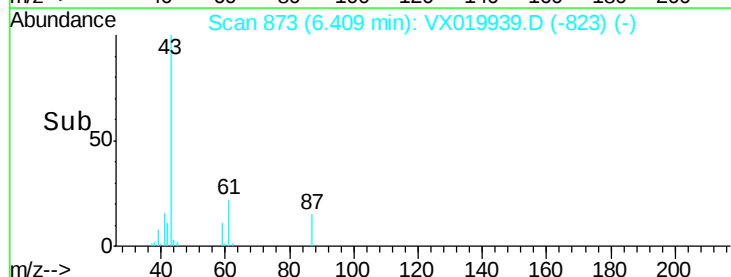
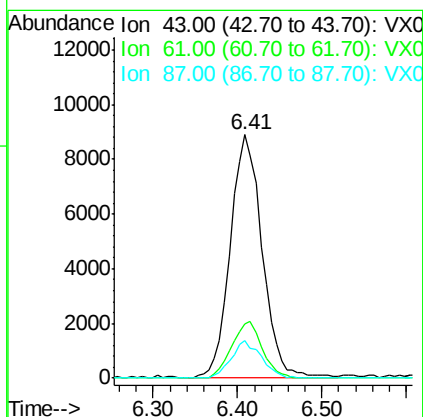
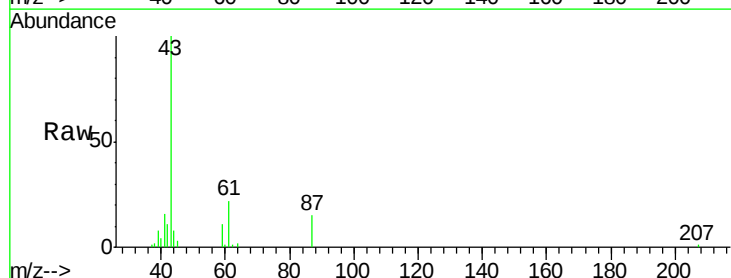
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#03

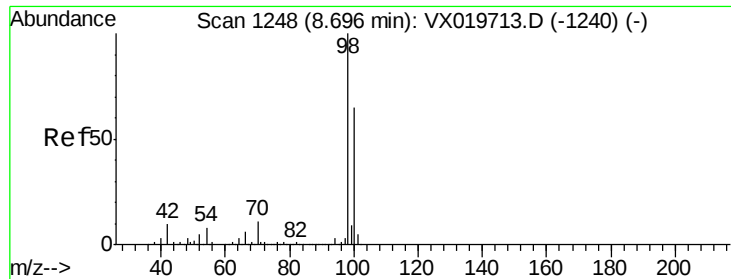
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	20.6	16.7	25.1



#43
 Isopropyl Acetate
 Concen: 2.947 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019939.D
 Acq: 12 Dec 2020 17:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	18.2	27.4
87	14.4	12.5	18.7





#50

Toluene-d8

Concen: 50.336 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019939.D

Acq: 12 Dec 2020 17:57

Instrument :

MSVOA_X

ClientSampleId :

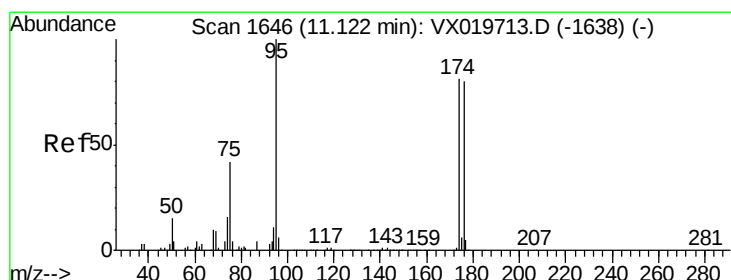
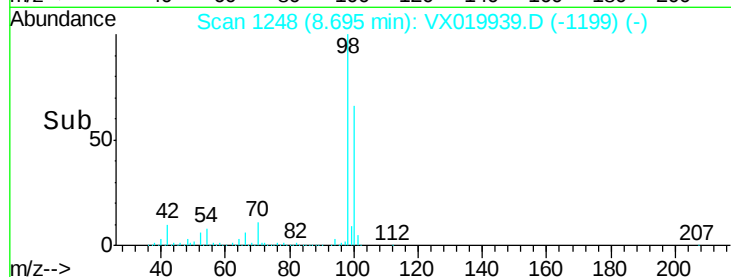
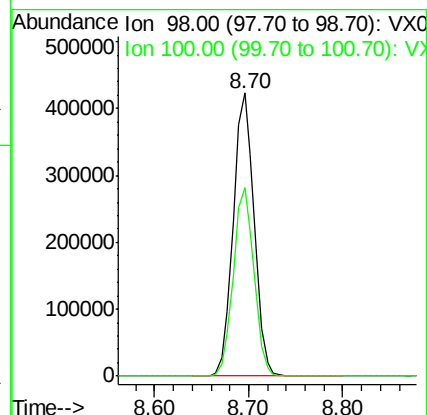
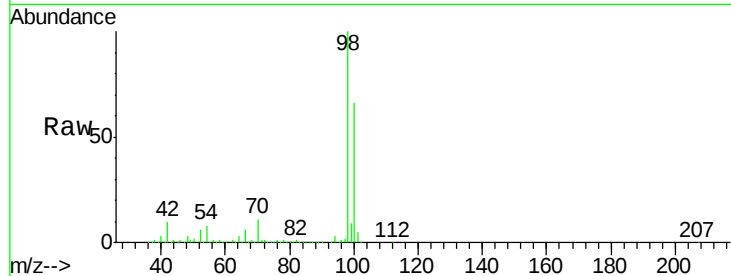
PB133524ZHE#03

Tot Ion: 98 Resp: 650502

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.276 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019939.D

Acq: 12 Dec 2020 17:57

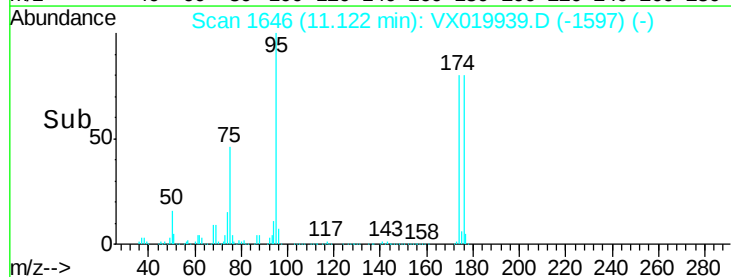
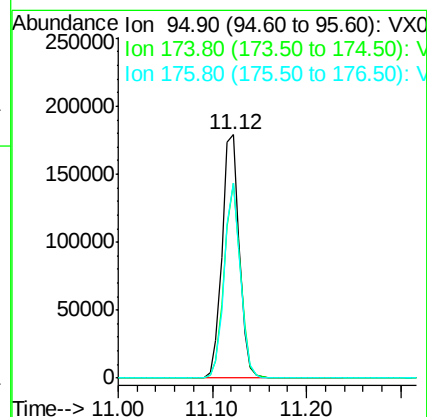
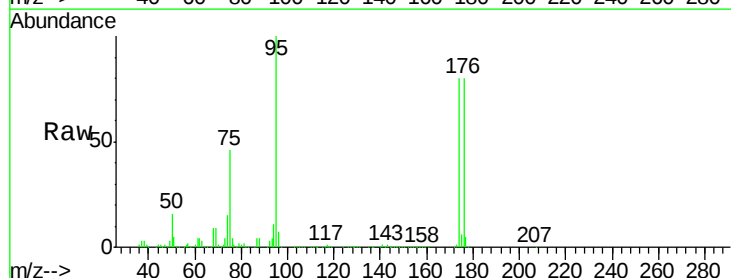
Tgt Ion: 95 Resp: 227621

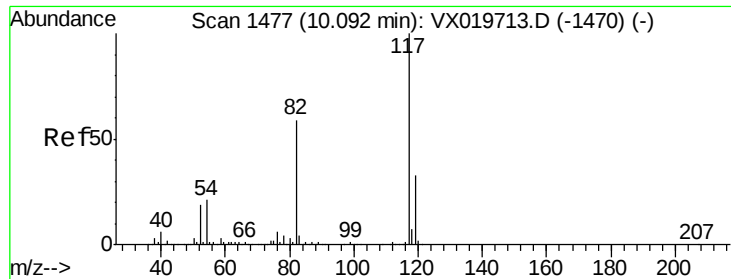
Ion Ratio Lower Upper

95 100

174 76.1 0.0 154.6

176 74.8 0.0 155.8

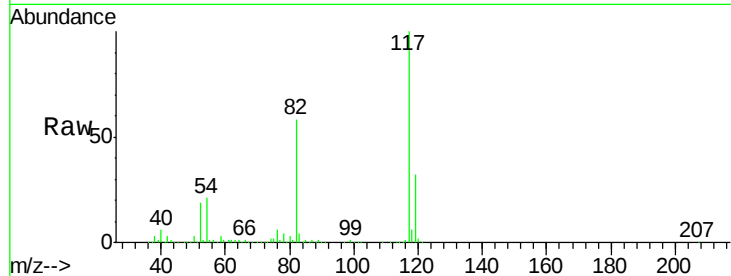




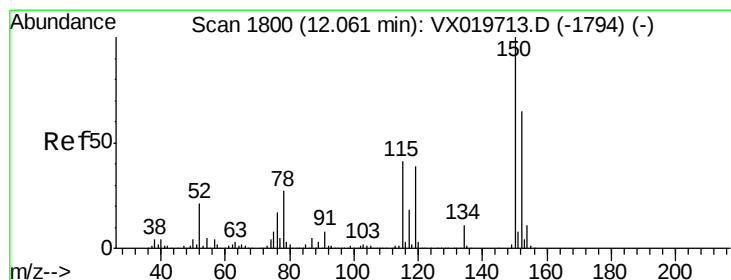
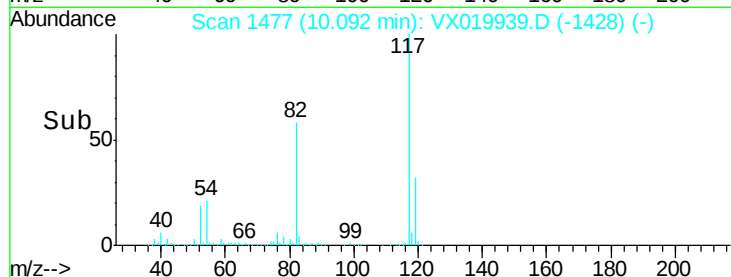
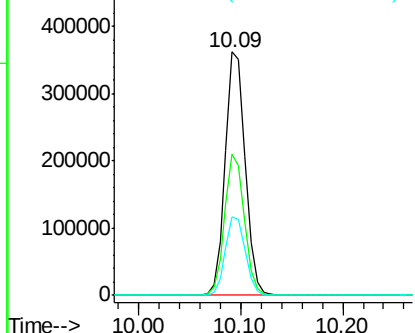
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019939.D
Acq: 12 Dec 2020 17:57

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#03

Tot Ion:117 Resp: 491113
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.0 26.6 39.8

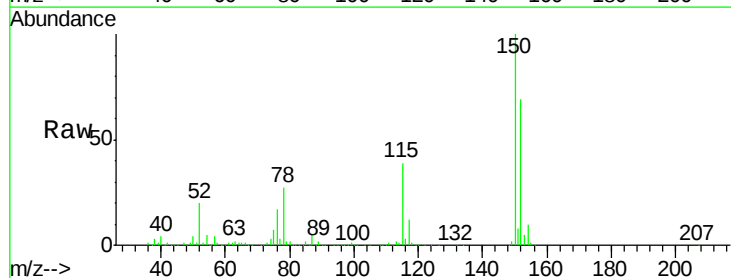


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019939.D
Acq: 12 Dec 2020 17:57

Tgt Ion:152 Resp: 210599
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 151.8 0.0 349.0



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

