

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019933.D
 Acq On : 12 Dec 2020 15:38
 Operator : JC/MD
 Sample : L4996-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20201207

Quant Time: Dec 14 06:05:19 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	311928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	197770	48.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	96.48%	
35) Dibromofluoromethane	5.46	113	158878	47.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.54%	
50) Toluene-d8	8.70	98	628873	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.12	95	218388	45.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	90.38%	

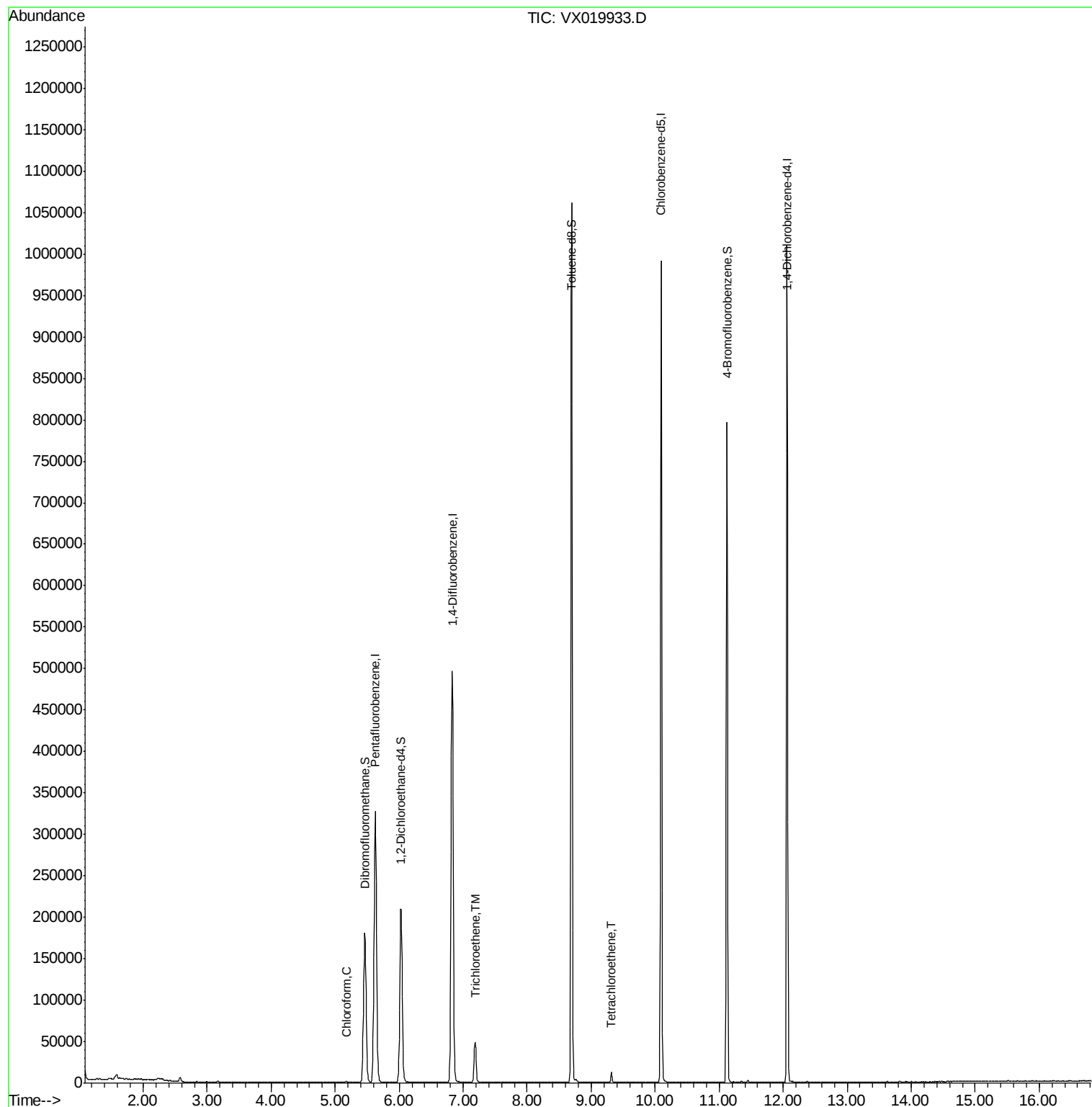
Target Compounds					Qvalue
30) Chloroform	5.17	83	1499	0.248 ug/l	96
44) Trichloroethene	7.19	130	19785	5.308 ug/l	100
64) Tetrachloroethene	9.32	164	2207	0.701 ug/l #	88

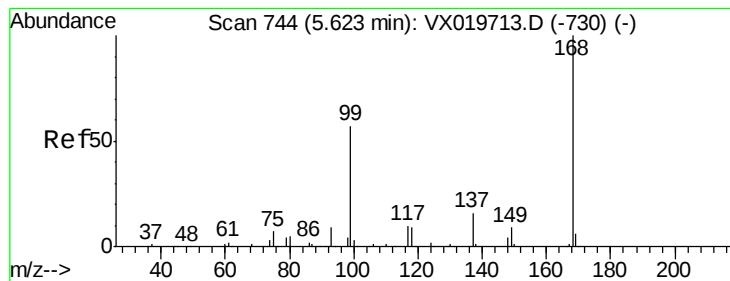
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019933.D

Acq: 12 Dec 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

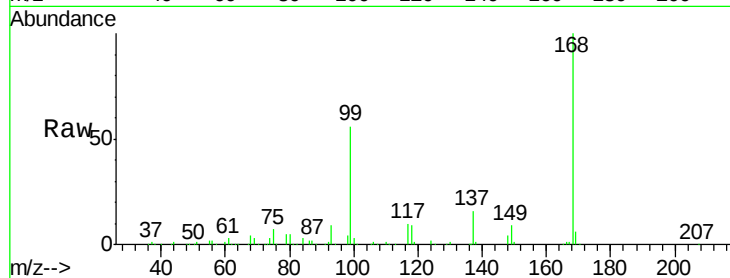
RE134D1-20201207

Tot Ion:168 Resp: 311928

Ion Ratio Lower Upper

168 100

99 55.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

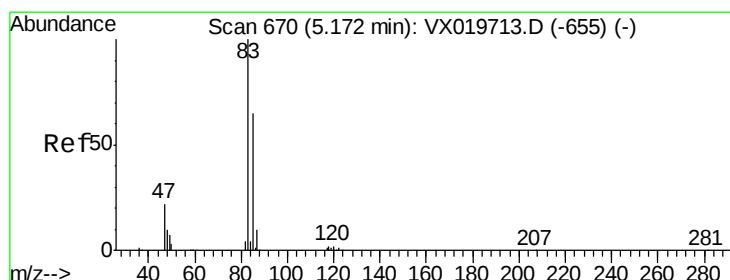
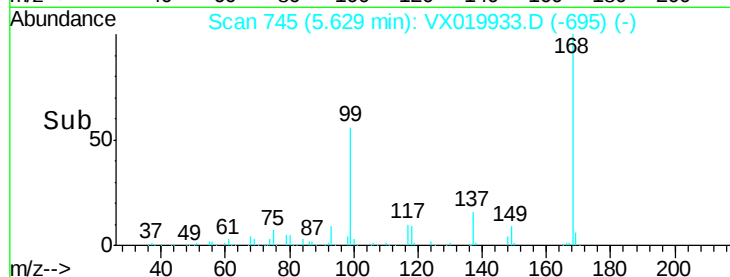
5.63

100000

50000

0

Time-->



#30

Chloroform

Concen: 0.248 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019933.D

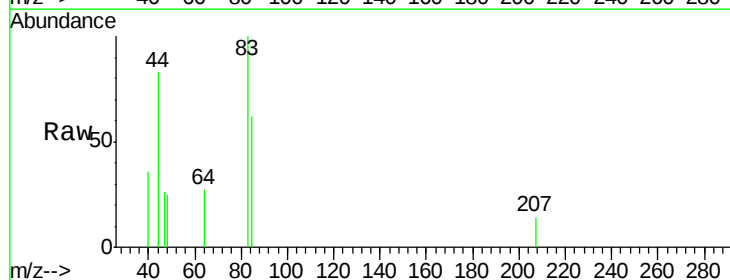
Acq: 12 Dec 2020 15:38

Tgt Ion: 83 Resp: 1499

Ion Ratio Lower Upper

83 100

85 62.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.17

600

500

400

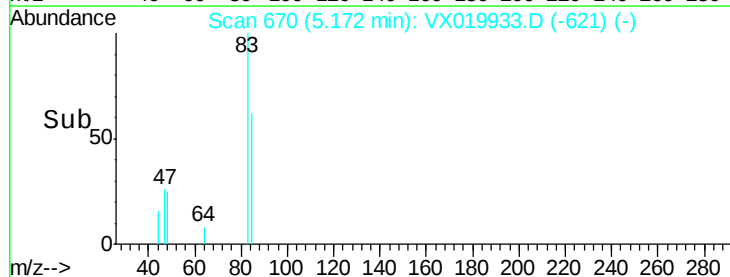
300

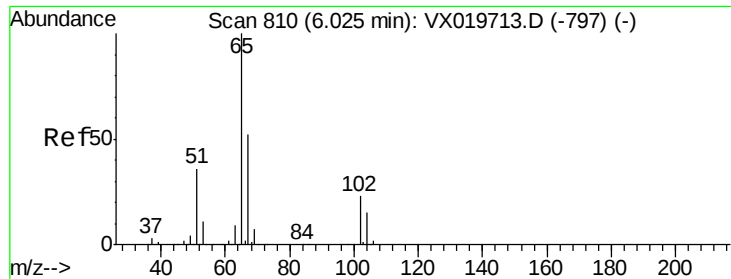
200

100

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.241 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019933.D

Acq: 12 Dec 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

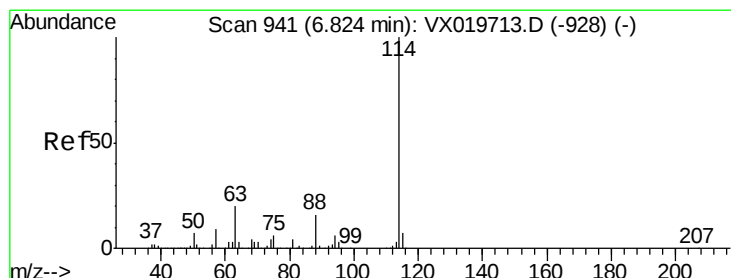
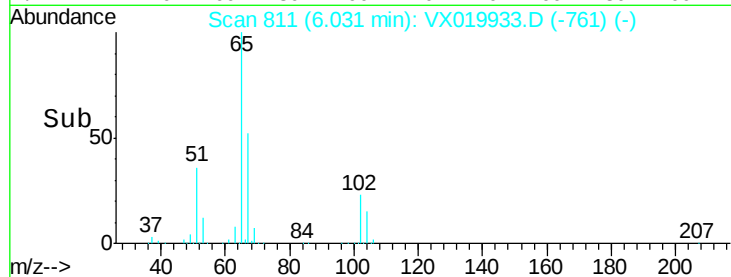
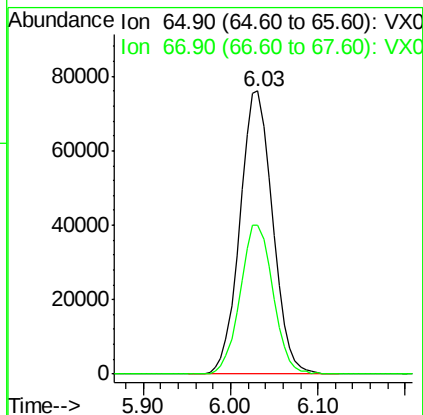
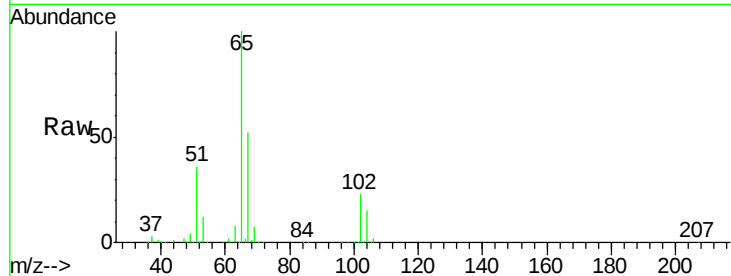
RE134D1-20201207

Tot Ion: 65 Resp: 197770

Ion Ratio Lower Upper

65 100

67 53.1 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: VX019933.D

Acq: 12 Dec 2020 15:38

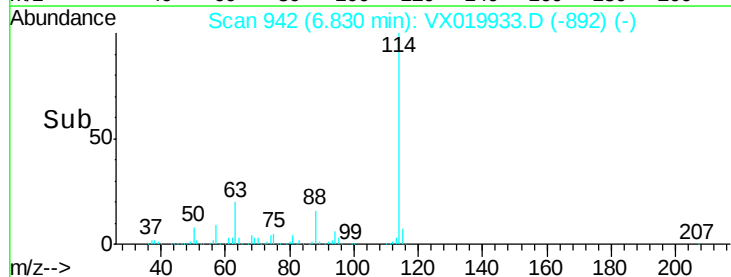
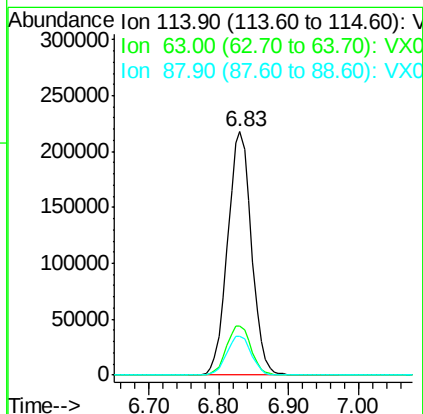
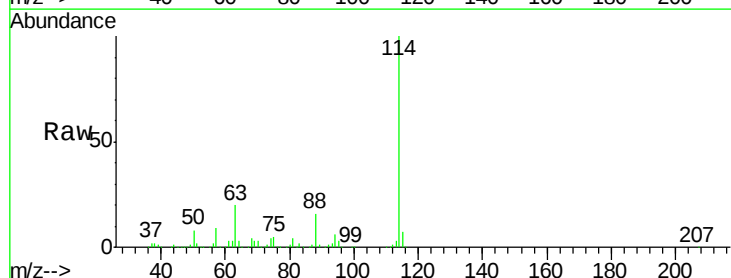
Tgt Ion: 114 Resp: 514624

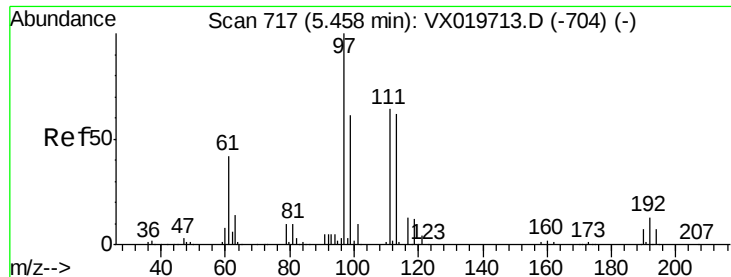
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.9 0.0 32.8

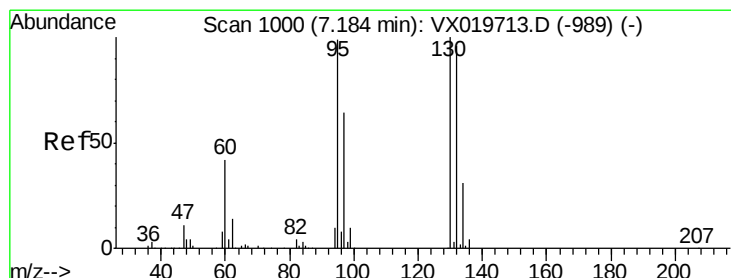
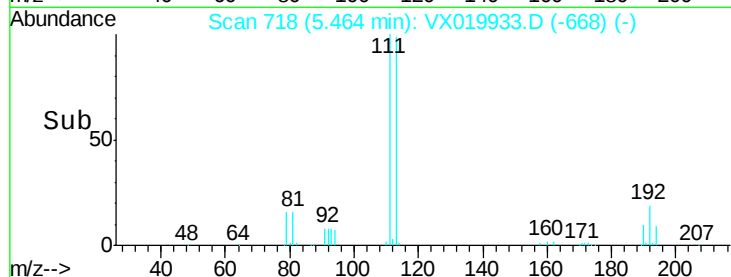
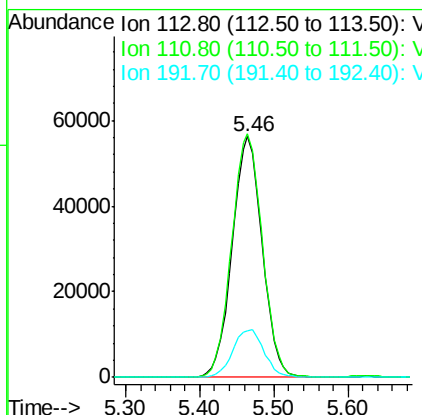
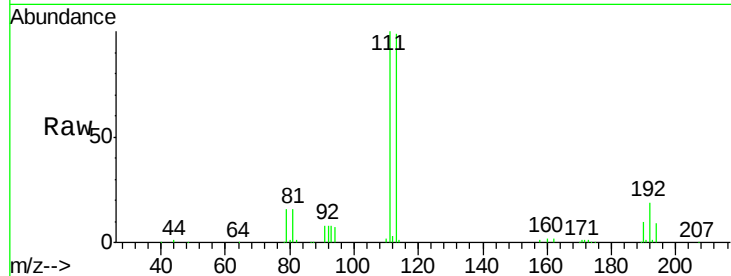




#35
 Dibromofluoromethane
 Concen: 47.769 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019933.D
 Acq: 12 Dec 2020 15:38

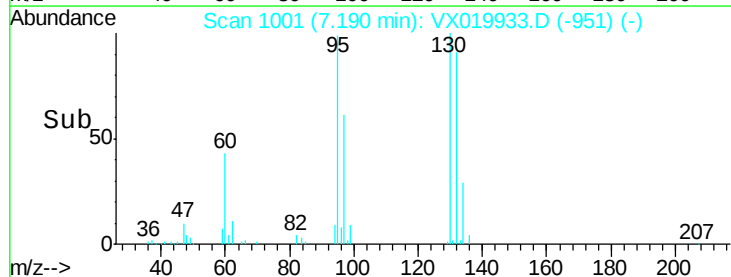
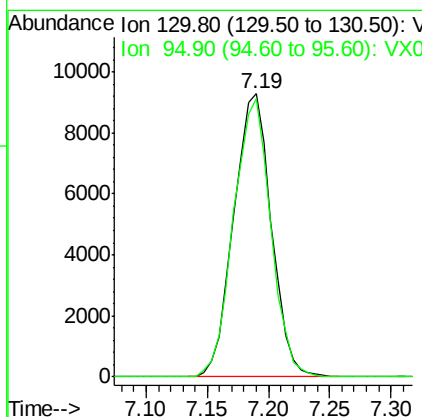
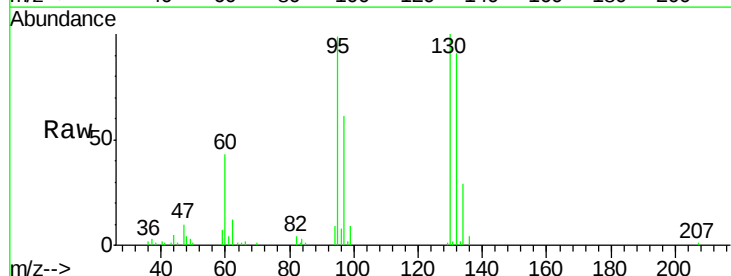
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20201207

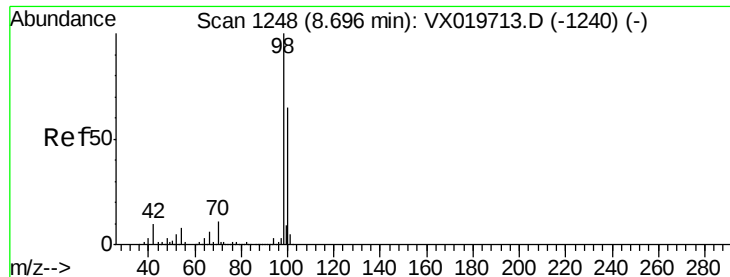
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	20.7	16.7	25.1



#44
 Trichloroethene
 Concen: 5.308 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019933.D
 Acq: 12 Dec 2020 15:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	198.0

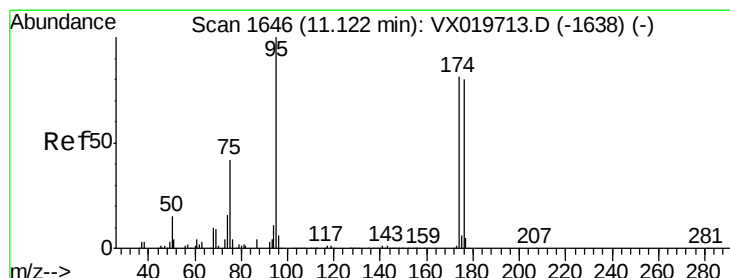
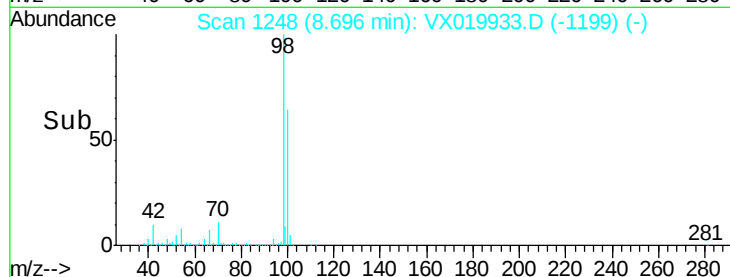
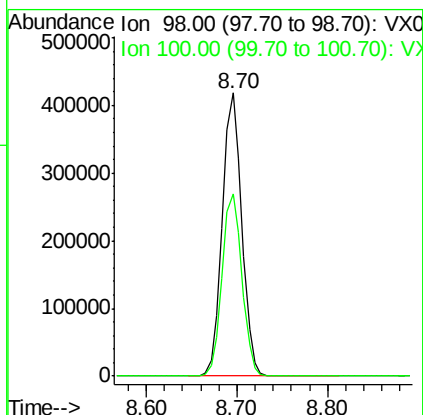
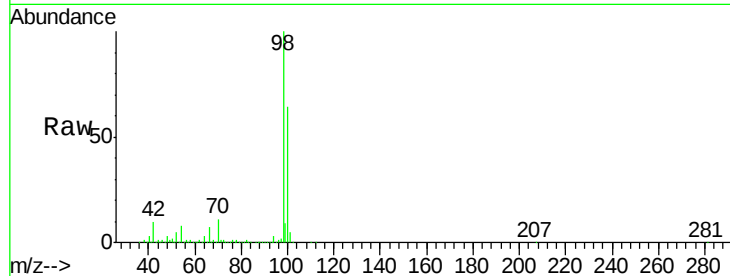




#50
Toluene-d8
Concen: 49.527 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019933.D
Acq: 12 Dec 2020 15:38

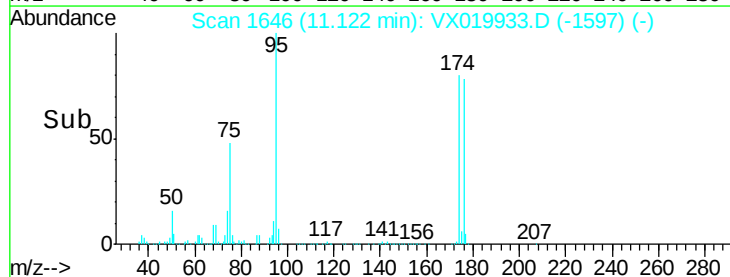
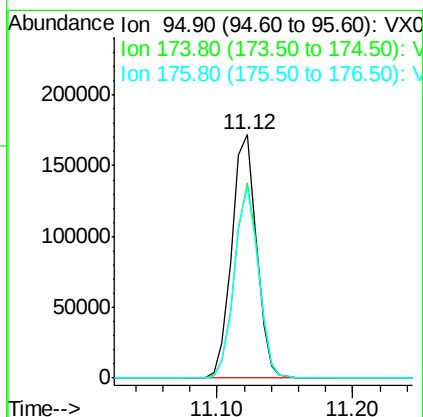
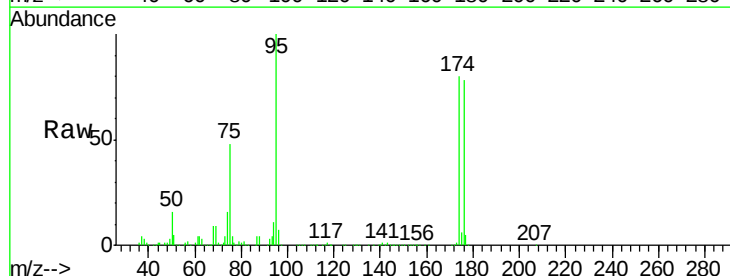
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20201207

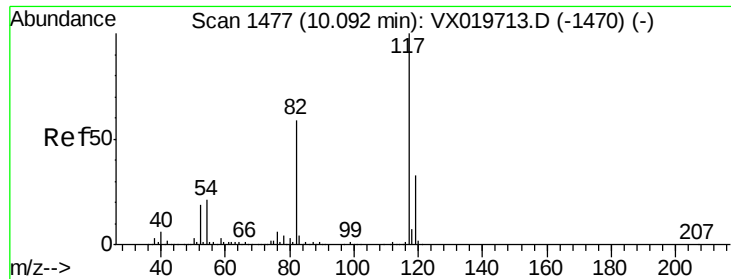
Tot Ion: 98 Resp: 628873
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.188 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019933.D
Acq: 12 Dec 2020 15:38

Tgt Ion: 95 Resp: 218388
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 76.4 0.0 155.8

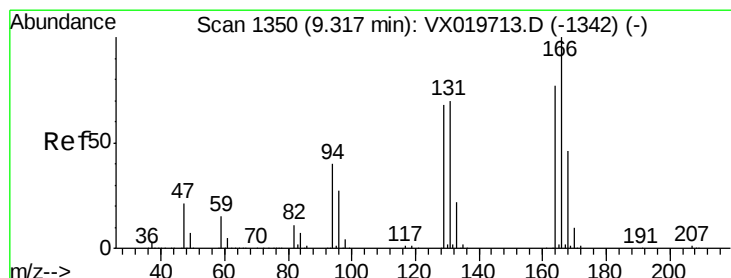
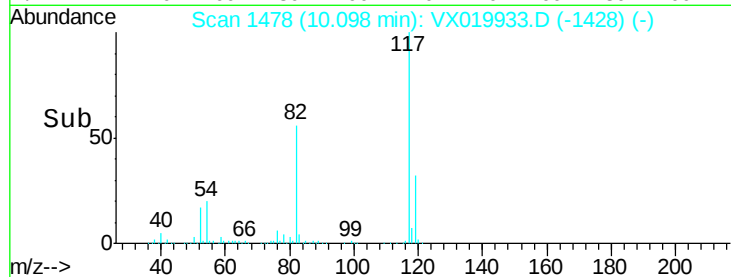
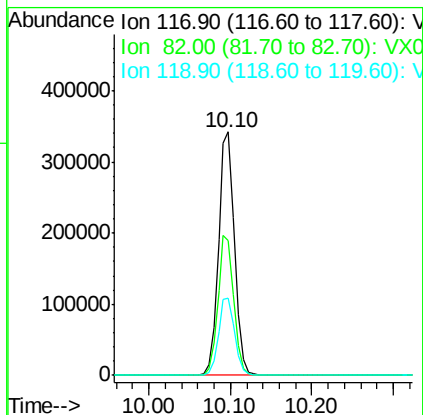
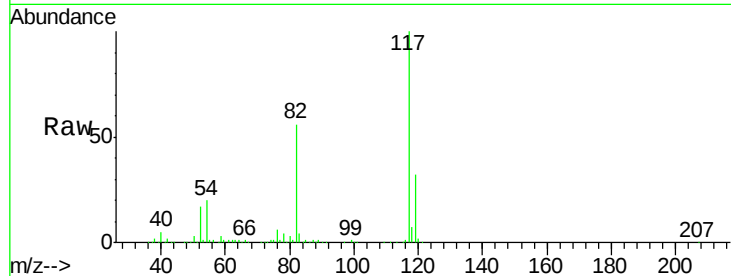




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019933.D
Acq: 12 Dec 2020 15:38

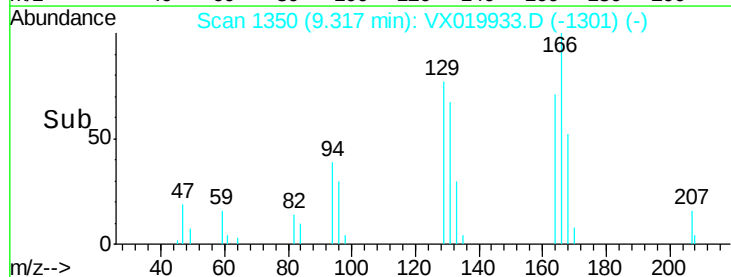
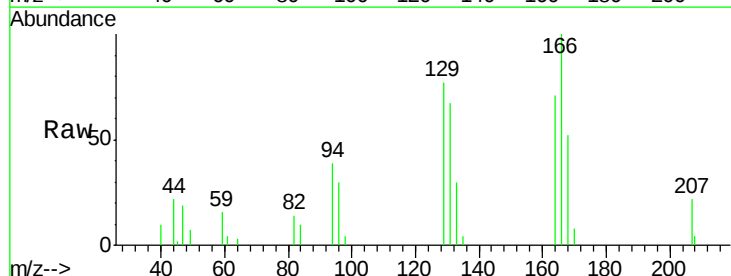
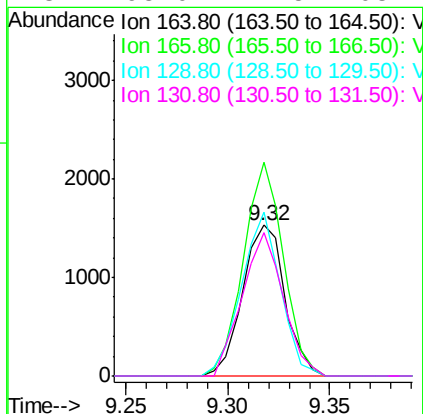
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20201207

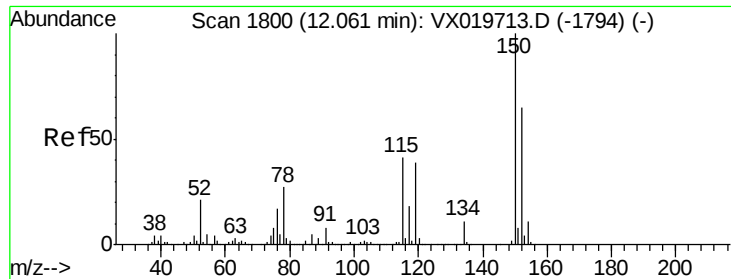
Tot Ion:117 Resp: 469575
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.701 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019933.D
Acq: 12 Dec 2020 15:38

Tgt Ion:164 Resp: 2207
Ion Ratio Lower Upper
164 100
166 141.5 103.4 155.2
129 108.4 70.8 106.2#
131 95.0 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019933.D

Acq: 12 Dec 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20201207

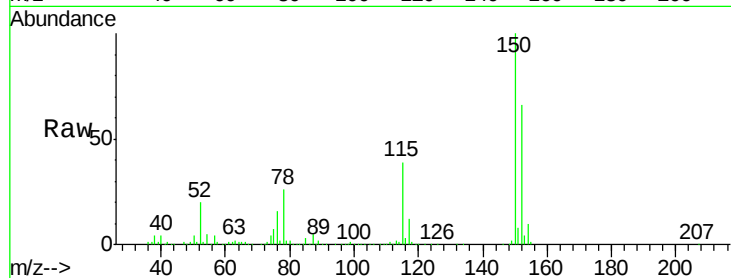
Tot Ion:152 Resp: 206887

Ion Ratio Lower Upper

152 100

115 58.9 41.1 123.3

150 152.1 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

