

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019930.D
 Acq On : 12 Dec 2020 14:28
 Operator : JC/MD
 Sample : L5025-06DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-570-120920DL

Quant Time: Dec 14 05:57:46 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	313371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	472144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196995	47.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.66%
35) Dibromofluoromethane	5.46	113	159247	47.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.78%
50) Toluene-d8	8.70	98	623180	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	11.12	95	221199	45.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.56%

Target Compounds

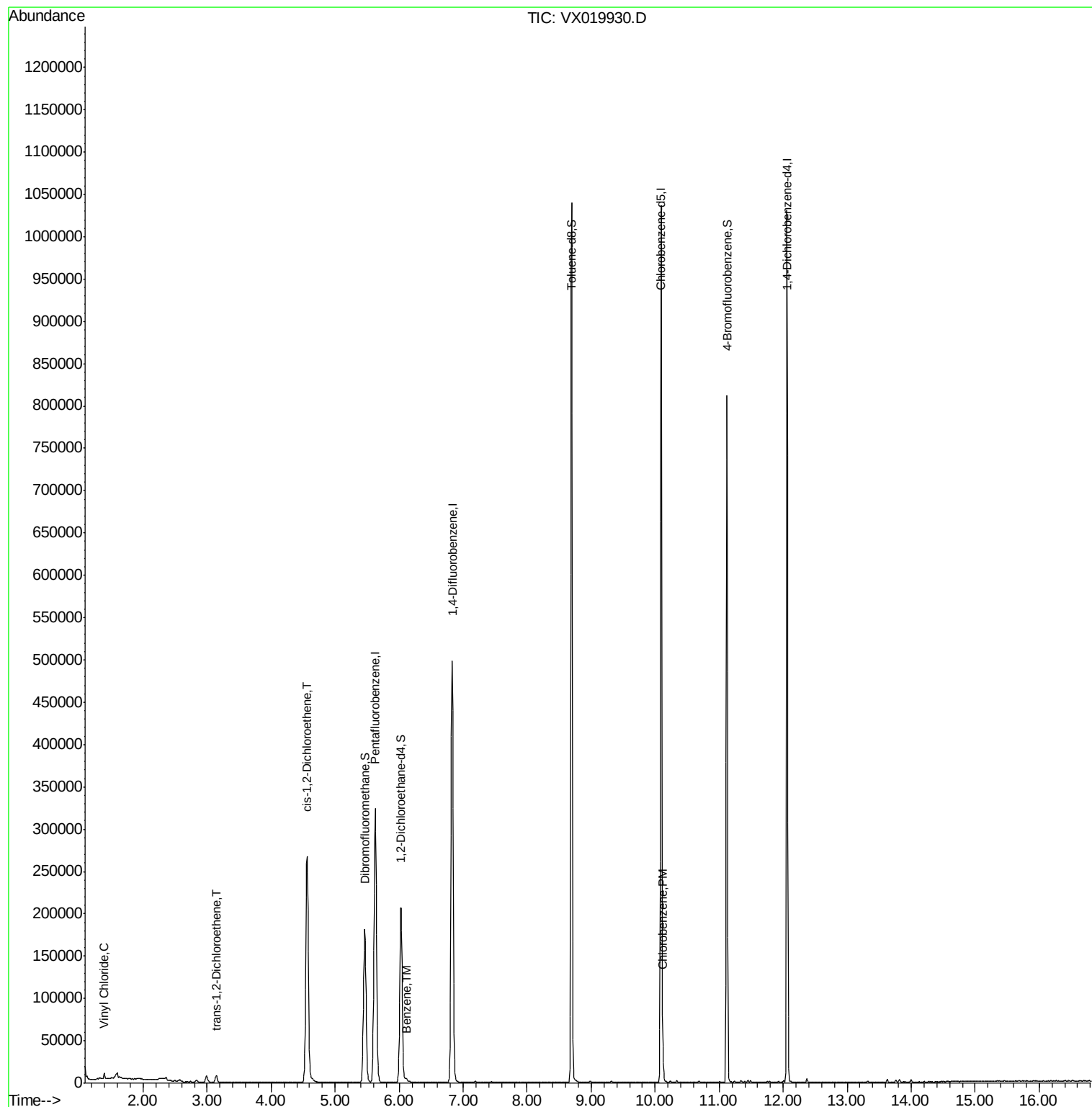
					Qvalue
4) Vinyl Chloride	1.39	62	3743	1.052	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	3215	0.960	ug/l 88
27) cis-1,2-Dichloroethene	4.56	96	177086	45.206	ug/l 90
40) Benzene	6.11	78	4530	0.319	ug/l 98
65) Chlorobenzene	10.12	112	14704	1.563	ug/l 99

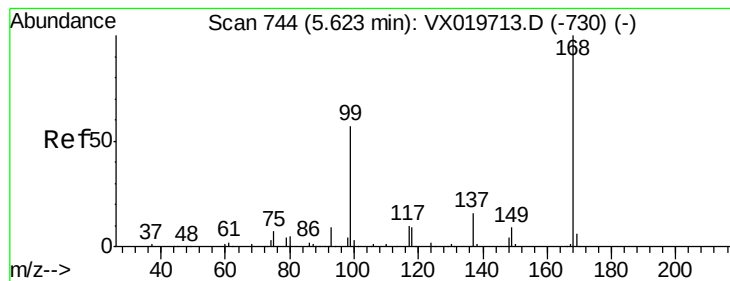
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
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: VX019930.D

Acq: 12 Dec 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

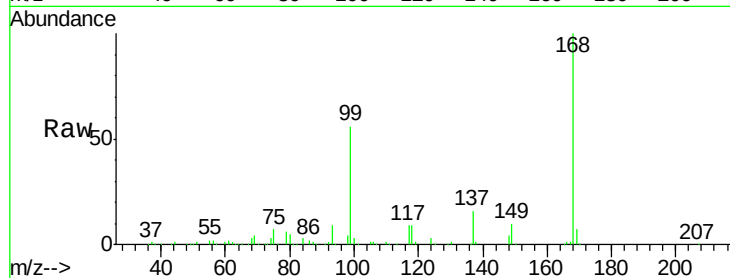
TU032-32-570-120920DL

Tot Ion:168 Resp: 313371

Ion Ratio Lower Upper

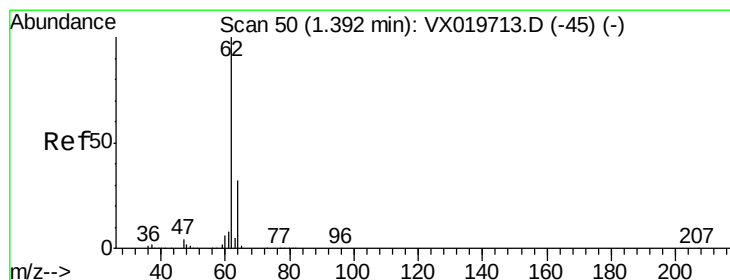
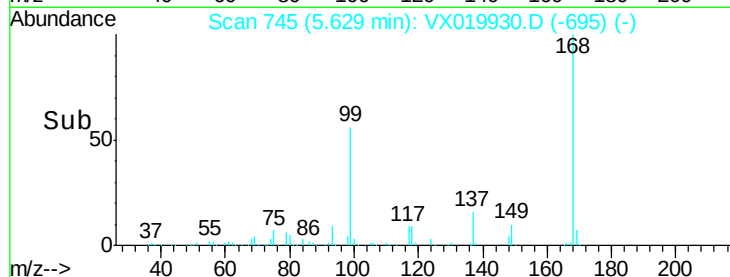
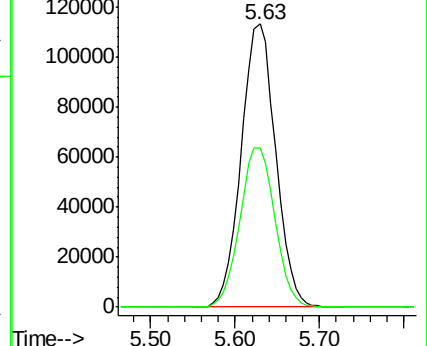
168 100

99 56.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.052 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019930.D

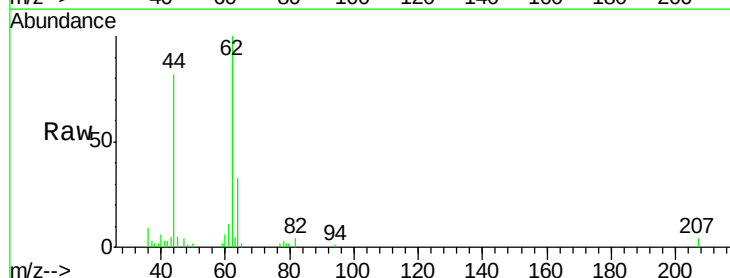
Acq: 12 Dec 2020 14:28

Tgt Ion: 62 Resp: 3743

Ion Ratio Lower Upper

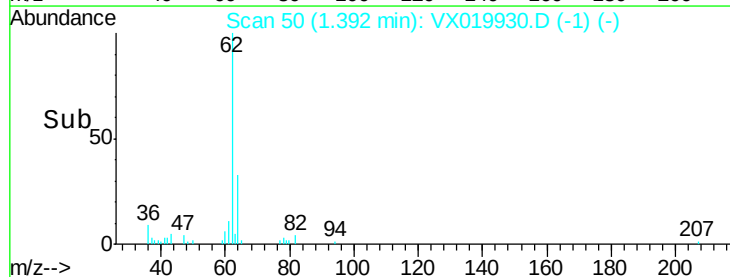
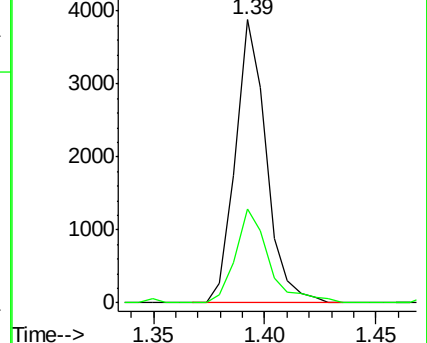
62 100

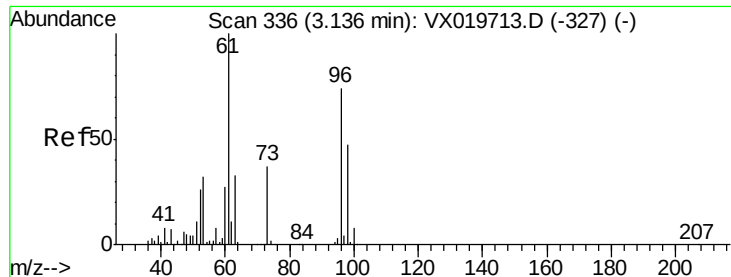
64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.960 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX019930.D

Acq: 12 Dec 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-570-120920DL

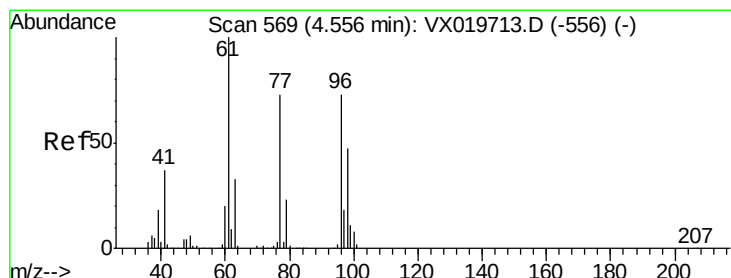
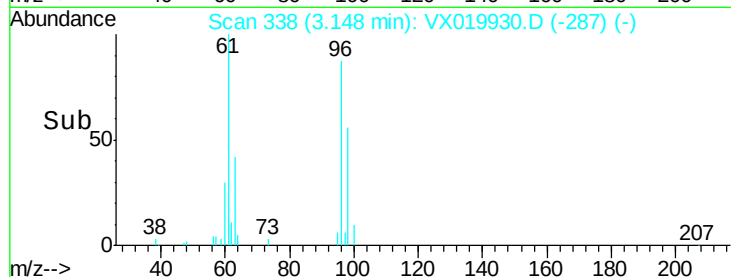
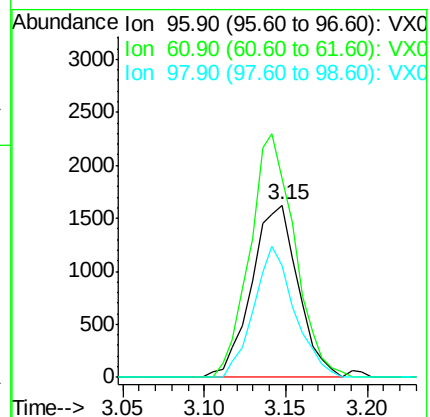
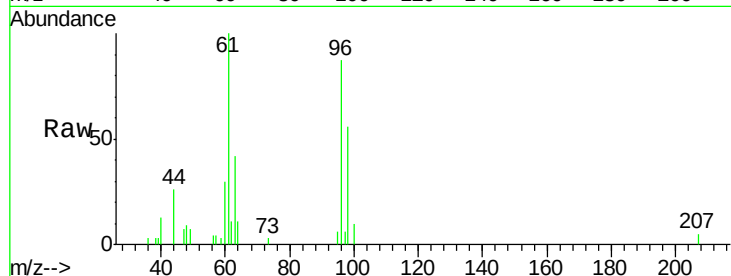
Tot Ion: 96 Resp: 3215

Ion Ratio Lower Upper

96 100

61 115.5 107.7 161.5

98 65.0 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 45.206 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019930.D

Acq: 12 Dec 2020 14:28

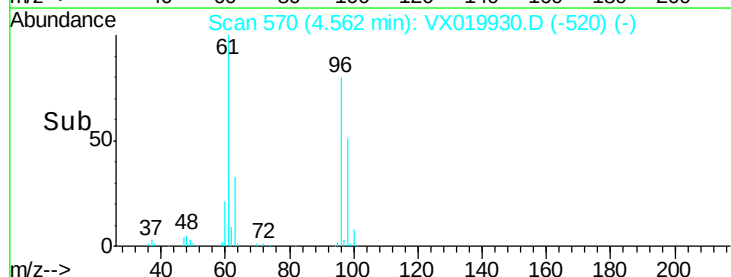
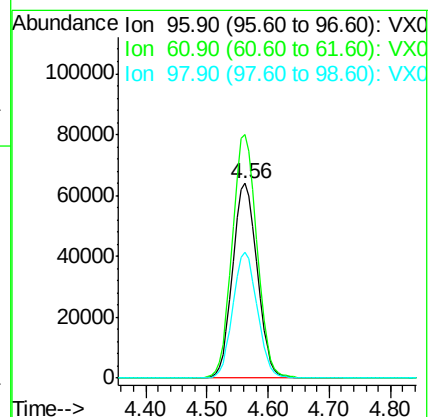
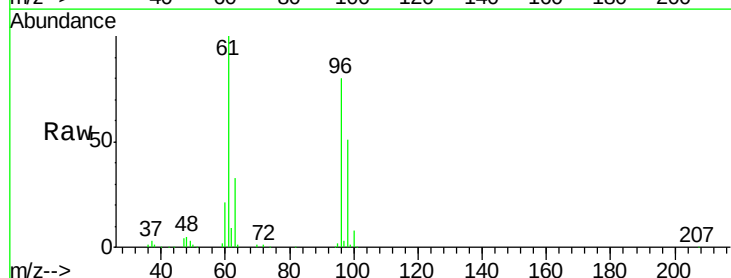
Tgt Ion: 96 Resp: 177086

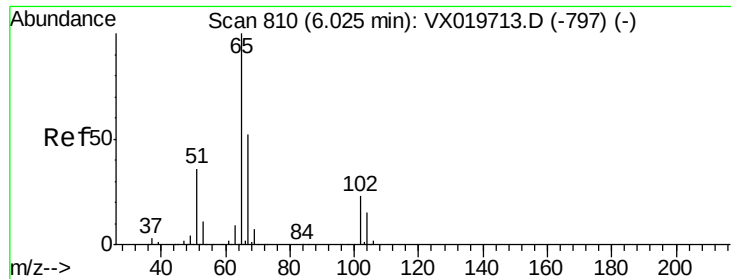
Ion Ratio Lower Upper

96 100

61 125.5 0.0 285.6

98 64.1 0.0 129.6

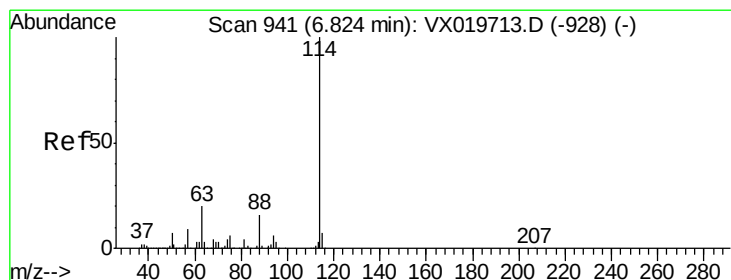
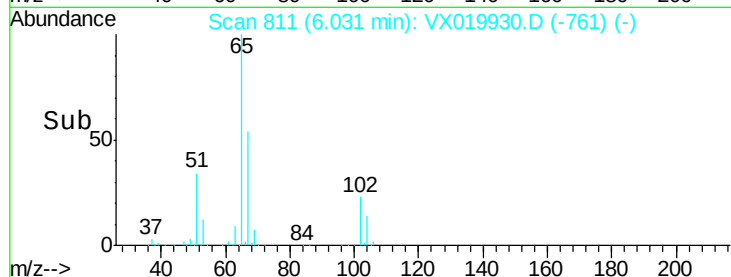
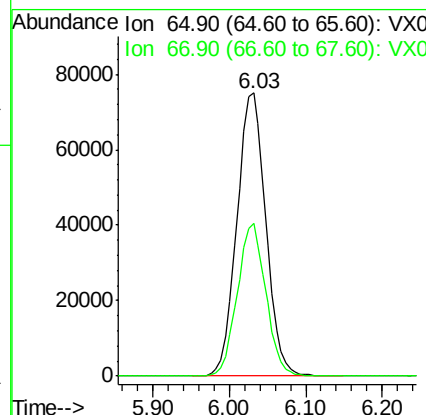
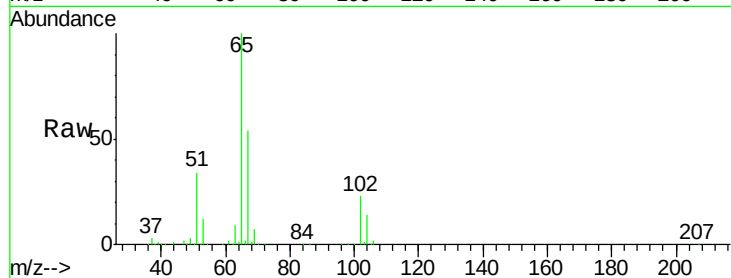




#33
 1,2-Dichloroethane-d4
 Concen: 47.830 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019930.D
 Acq: 12 Dec 2020 14:28

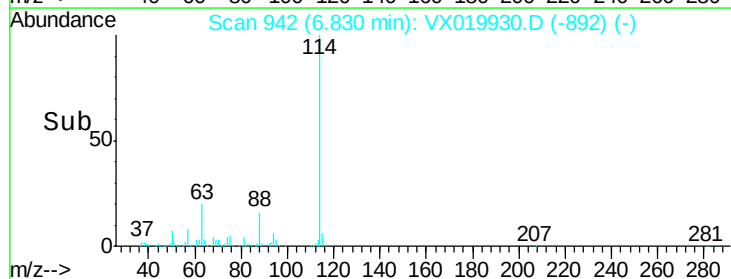
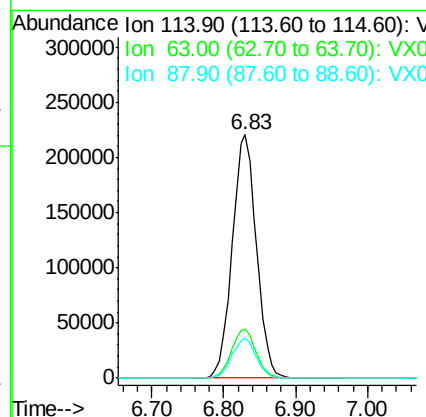
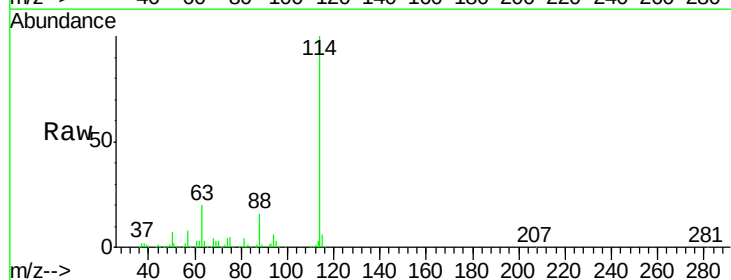
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-570-120920DL

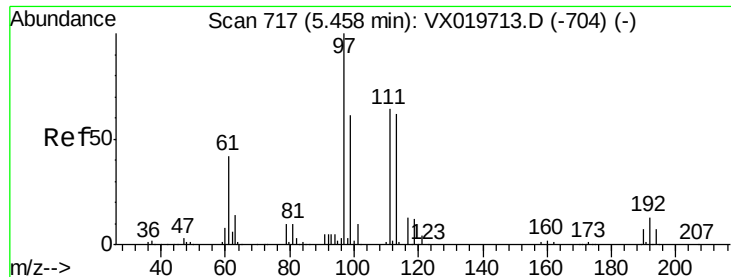
Tot Ion: 65 Resp: 196995
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019930.D
 Acq: 12 Dec 2020 14:28

Tgt Ion: 114 Resp: 514512
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.3 0.0 32.8

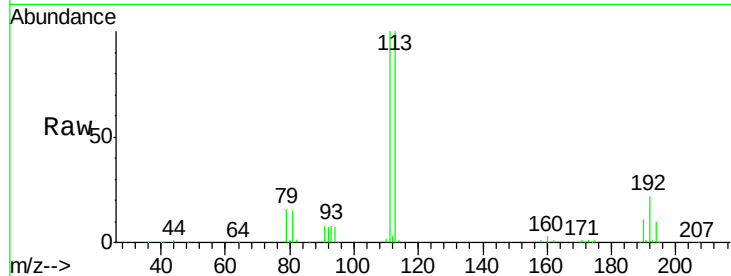




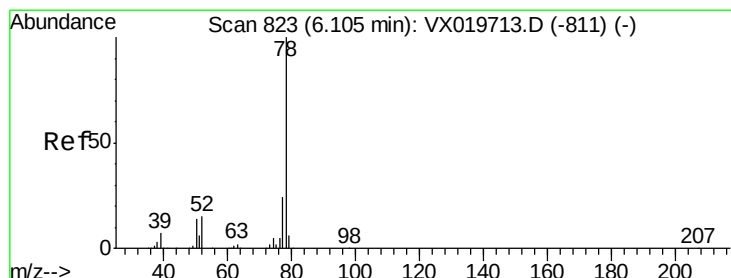
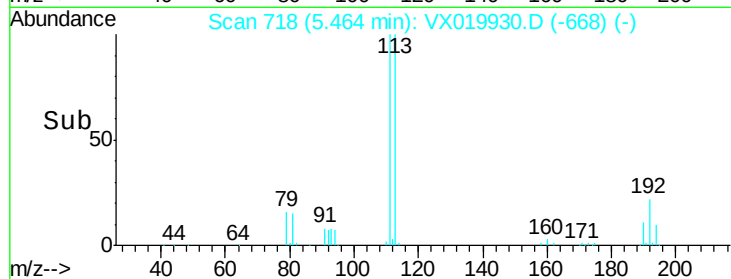
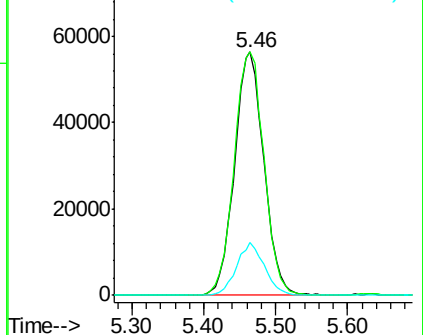
#35
 Dibromofluoromethane
 Concen: 47.891 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019930.D
 Acq: 12 Dec 2020 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-570-120920DL

Tot Ion:113 Resp: 159247
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 20.6 16.7 25.1

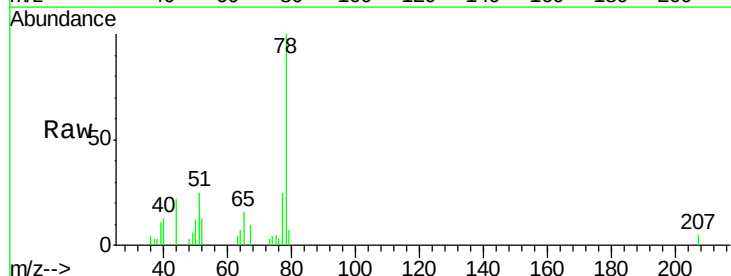


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

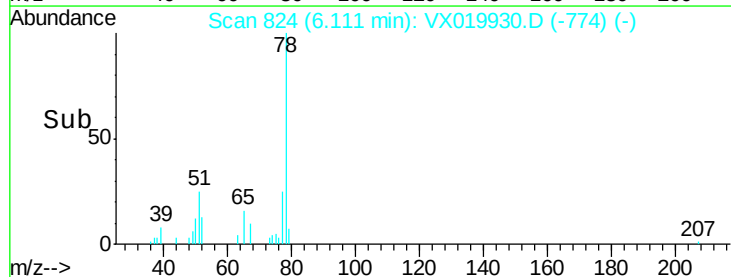
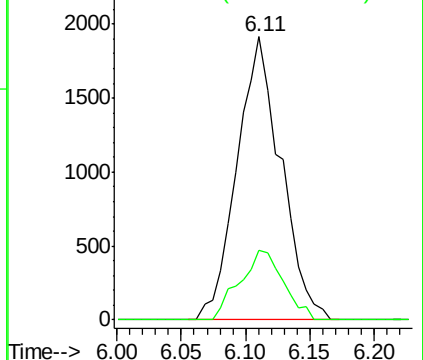


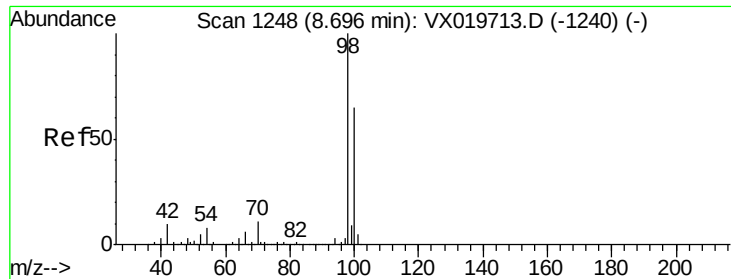
#40
 Benzene
 Concen: 0.319 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. 0.01 min
 Lab File: VX019930.D
 Acq: 12 Dec 2020 14:28

Tgt Ion: 78 Resp: 4530
 Ion Ratio Lower Upper
 78 100
 77 24.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0

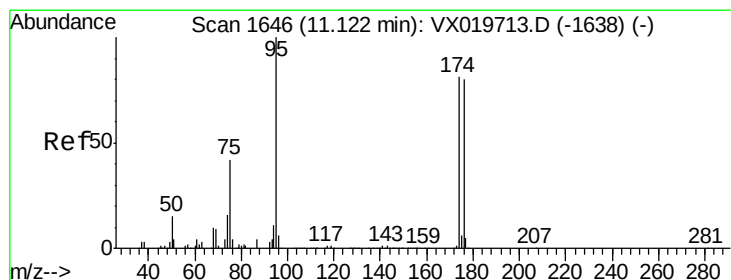
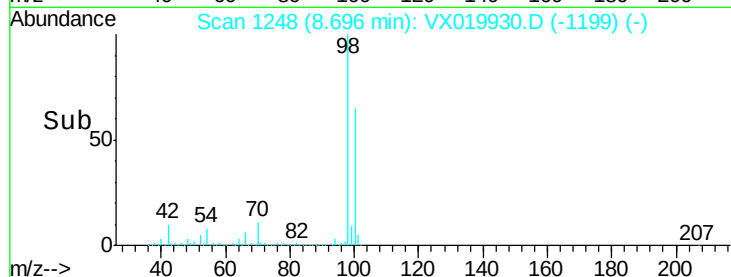
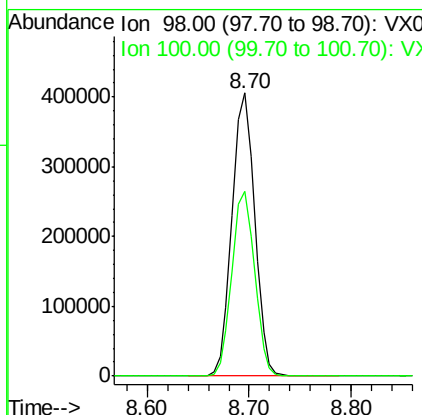
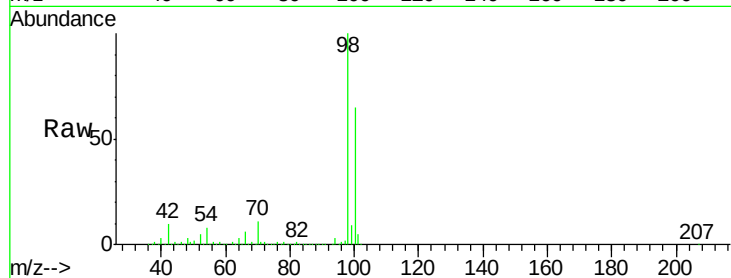




#50
Toluene-d8
Concen: 49.089 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

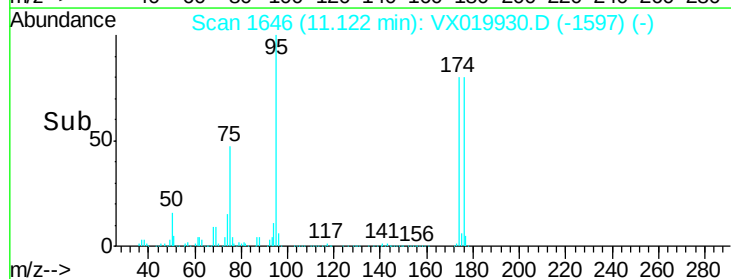
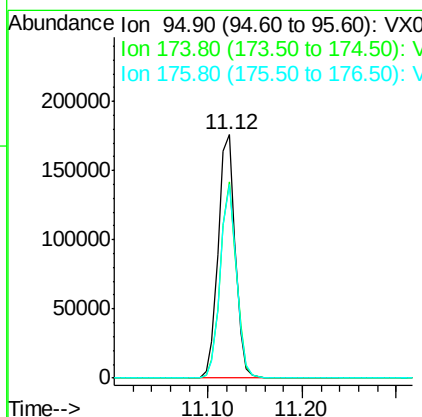
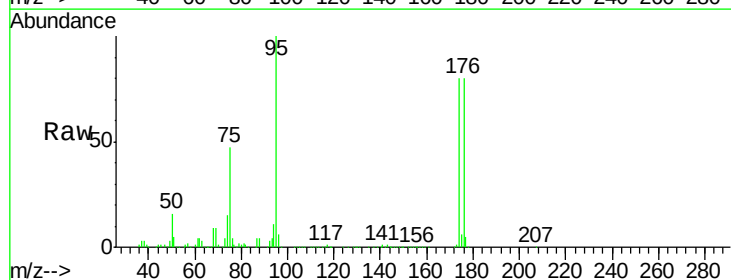
Instrument :
MSVOA_X
ClientSampleId :
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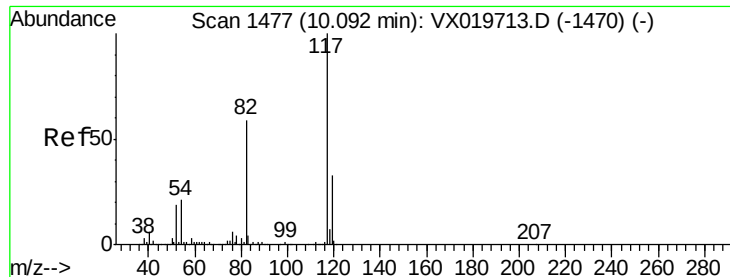
Tot Ion: 98 Resp: 623180
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.780 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 95 Resp: 221199
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 75.9 0.0 155.8

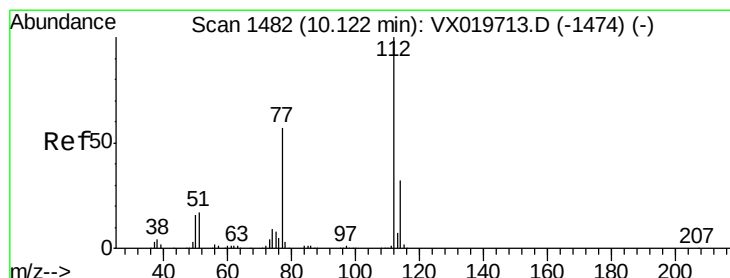
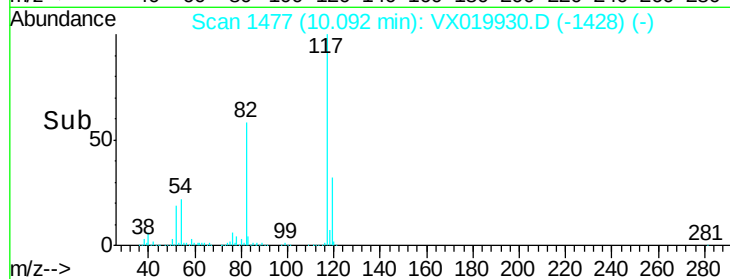
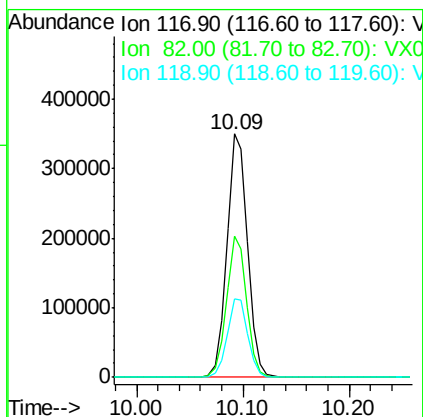
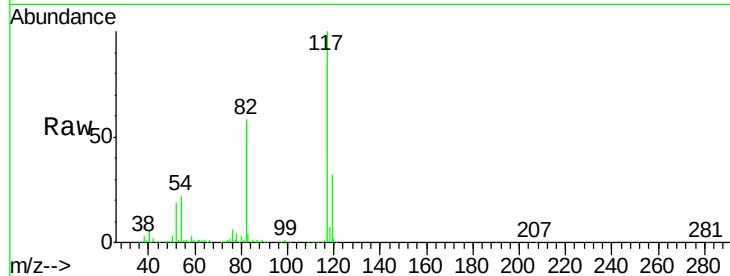




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

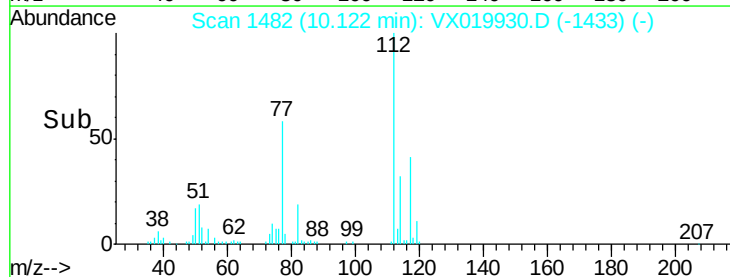
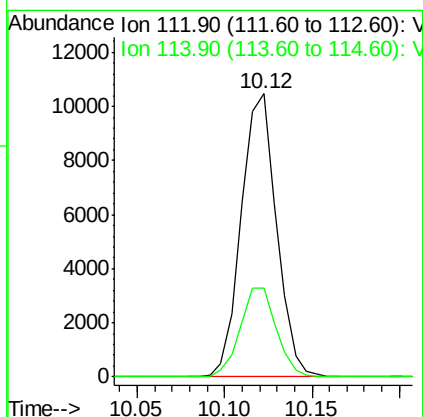
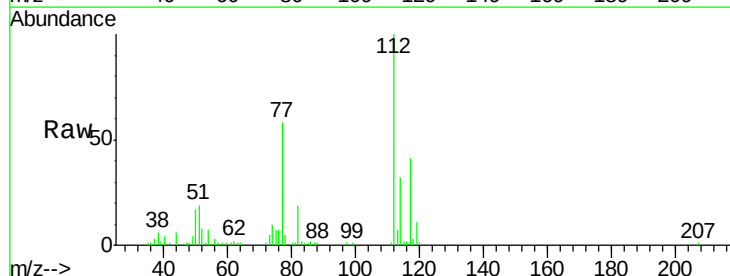
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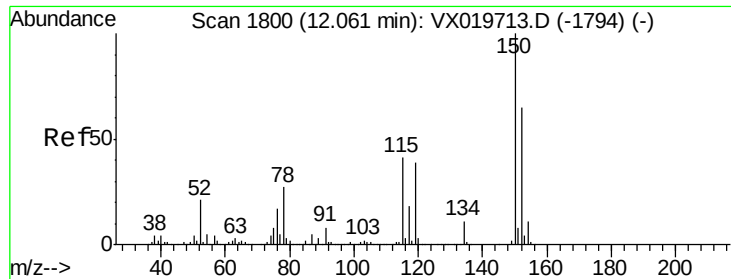
Tot Ion:117 Resp: 472144
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.1 26.6 39.8



#65
Chlorobenzene
Concen: 1.563 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion:112 Resp: 14704
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019930.D

Acq: 12 Dec 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-570-120920DL

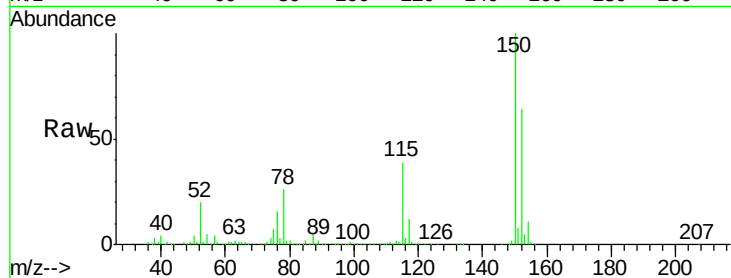
Tot Ion:152 Resp: 208576

Ion Ratio Lower Upper

152 100

115 60.4 41.1 123.3

150 156.2 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

