

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019915.D
 Acq On : 12 Dec 2020 08:06
 Operator : JC/MD
 Sample : L5025-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

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

Quant Time: Dec 14 02:47:03 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

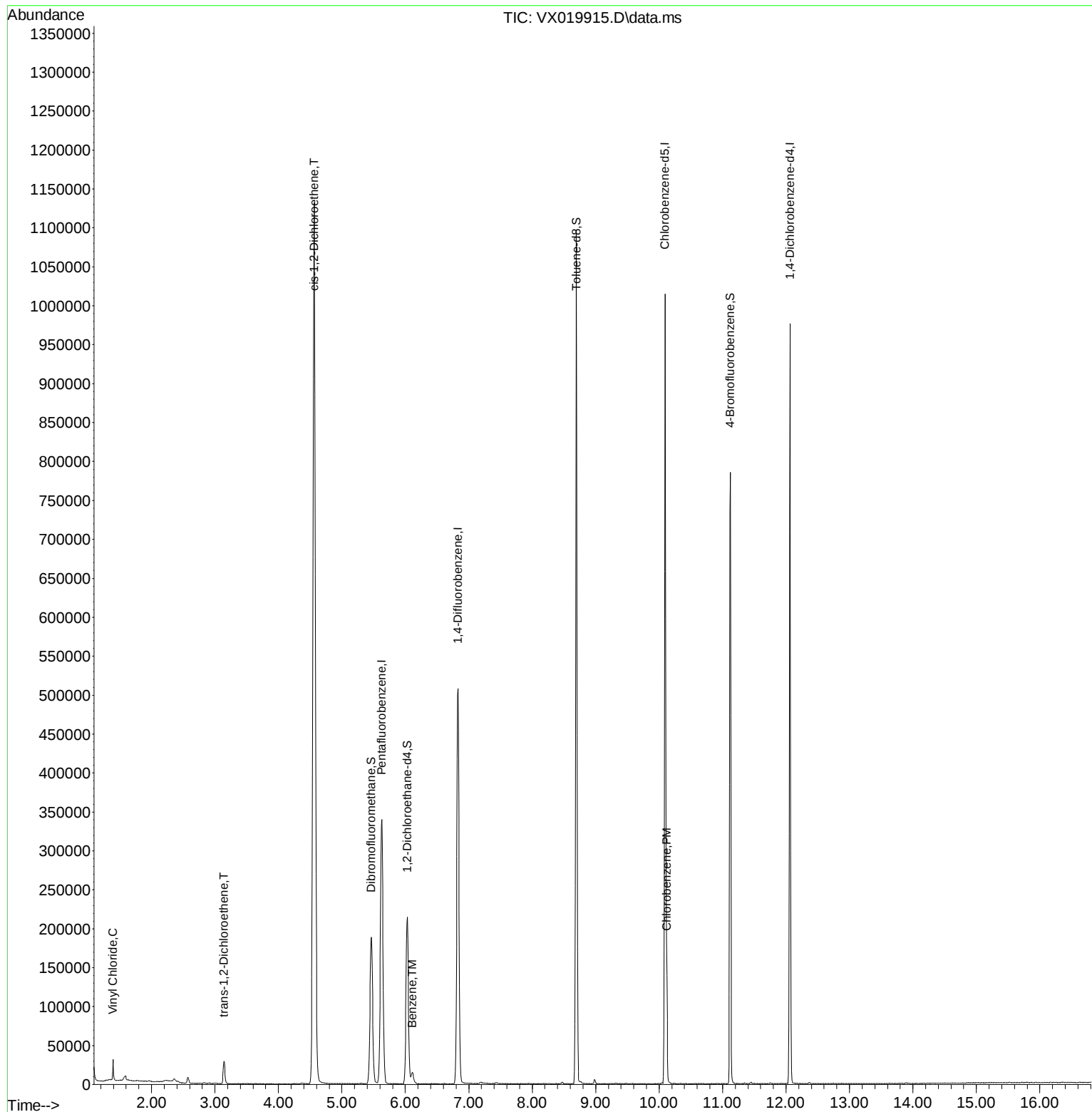
Internal Standards						
1) Pentafluorobenzene	5.629	168	326953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	529782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	477179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	198801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	201907	46.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	93.98%	
35) Dibromofluoromethane	5.465	113	165323	48.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	96.56%	
50) Toluene-d8	8.696	98	643267	49.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.122	95	217520	43.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	87.44%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	15032	4.05	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	11540	3.30	ug/l	93
27) cis-1,2-Dichloroethene	4.562	96	747198	182.82	ug/l	89
40) Benzene	6.111	78	16663	1.14	ug/l	96
65) Chlorobenzene	10.122	112	58271	6.13	ug/l	100

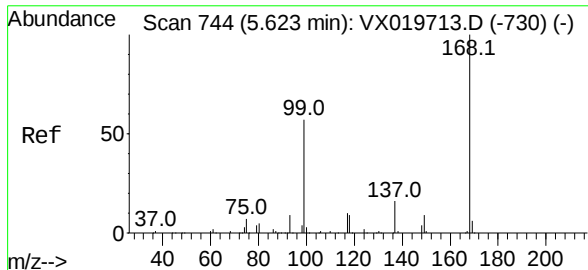
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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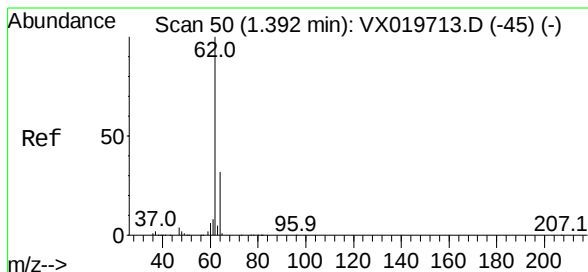
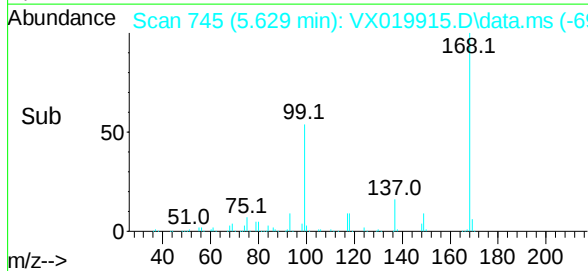
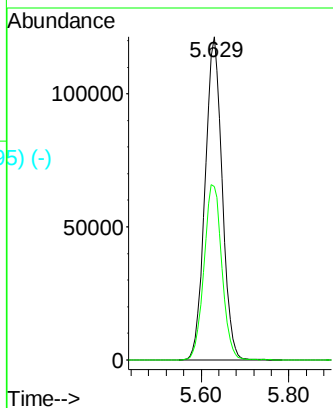
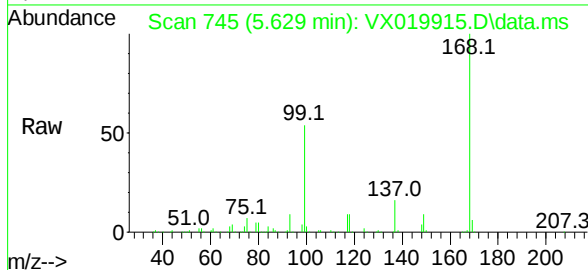




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

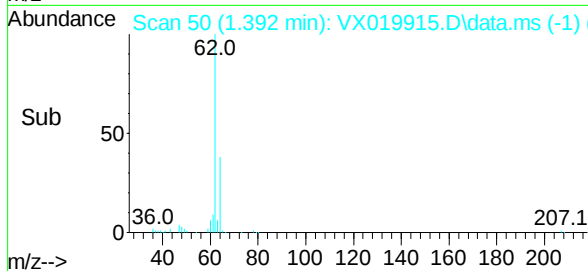
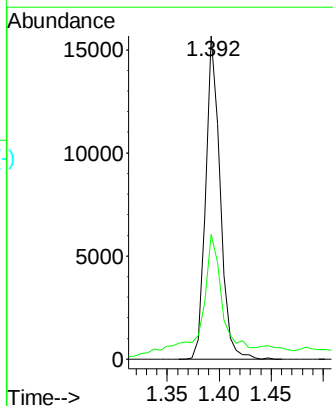
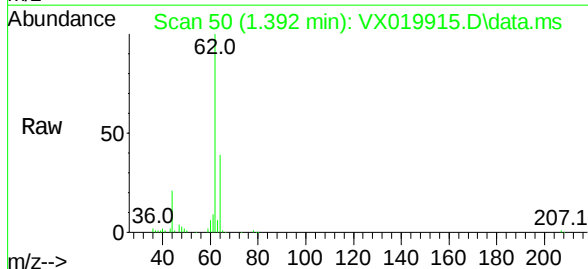
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920

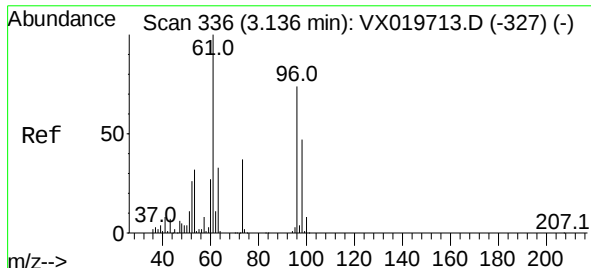
Tgt Ion:168 Resp: 326953
Ion Ratio Lower Upper
168 100
99 53.6 45.8 68.6



#4
Vinyl Chloride
Concen: 4.05 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

Tgt Ion: 62 Resp: 15032
Ion Ratio Lower Upper
62 100
64 35.1 25.7 38.5

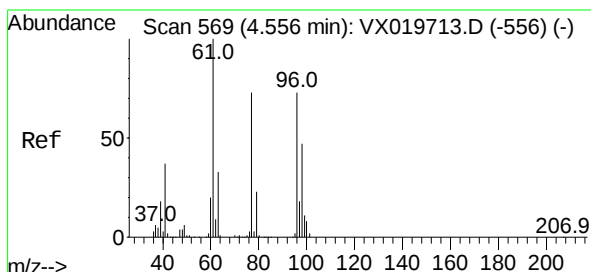
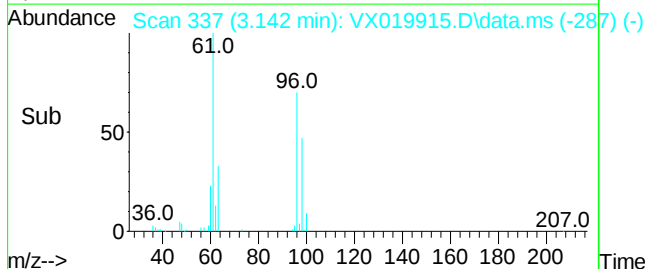
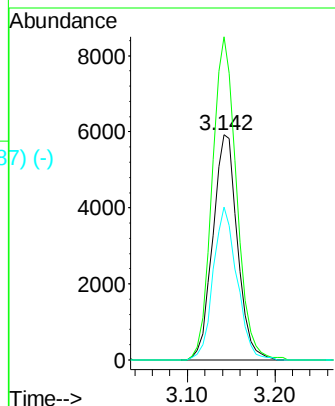
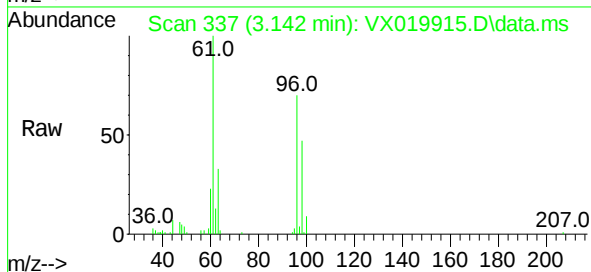




#21
trans-1,2-Dichloroethene
Concen: 3.30 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

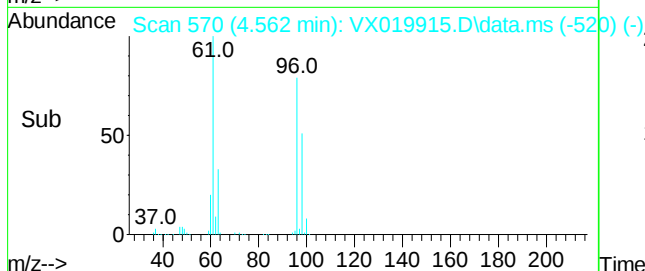
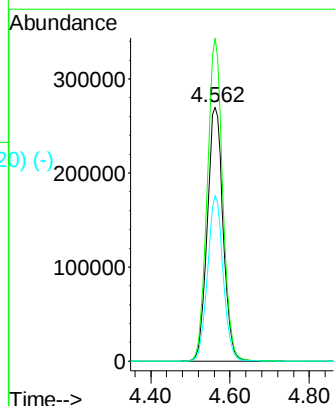
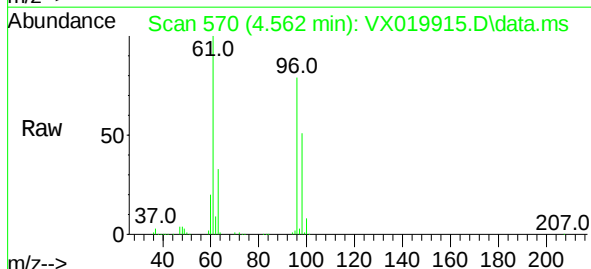
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920

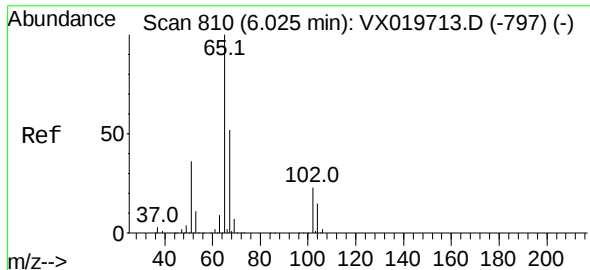
Tgt Ion: 96 Resp: 11540
Ion Ratio Lower Upper
96 100
61 143.3 107.7 161.5
98 67.9 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 182.82 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

Tgt Ion: 96 Resp: 747198
Ion Ratio Lower Upper
96 100
61 124.2 0.0 285.6
98 64.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 46.99 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX019915.D

Acq: 12 Dec 2020 08:06

Tgt Ion: 65 Resp: 201907

Ion Ratio Lower Upper

65 100

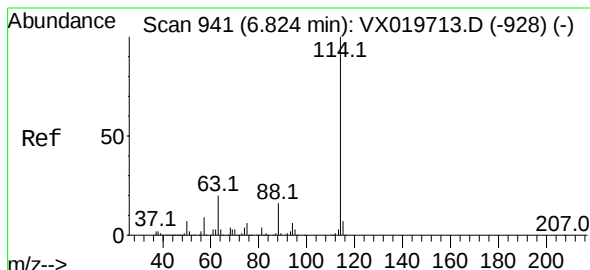
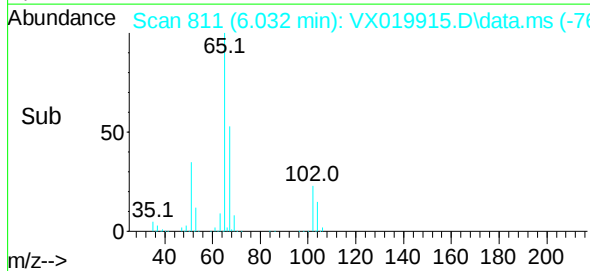
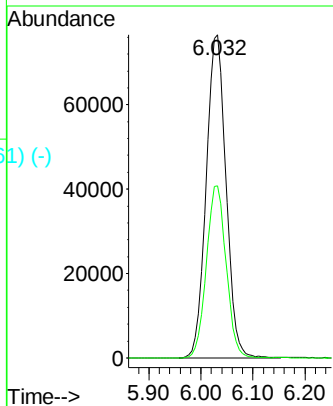
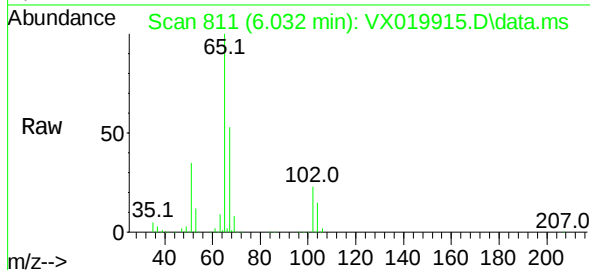
67 53.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-570-120920



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX019915.D

Acq: 12 Dec 2020 08:06

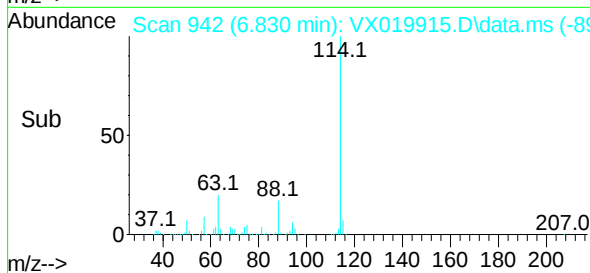
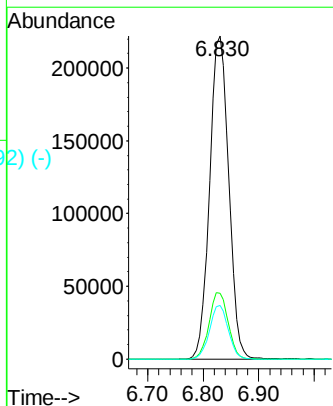
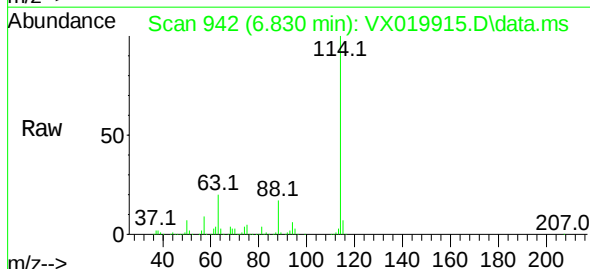
Tgt Ion:114 Resp: 529782

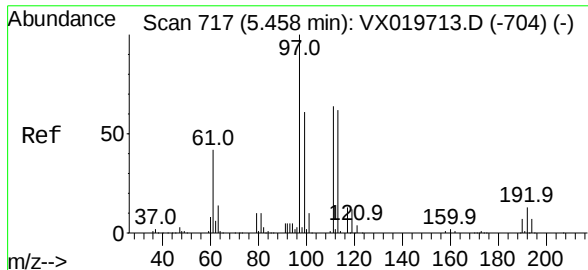
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.7 0.0 32.8

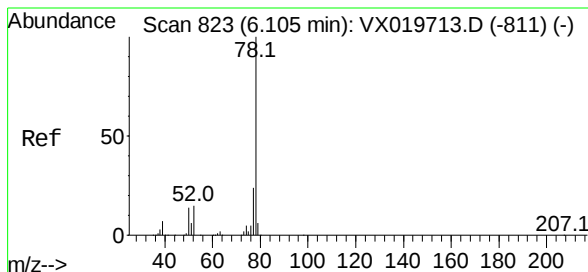
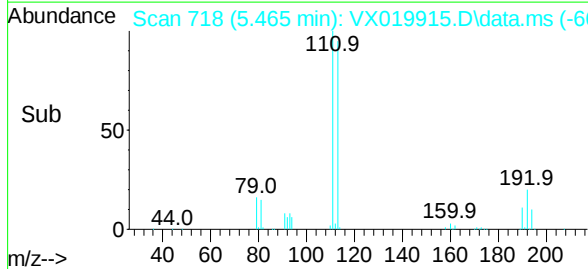
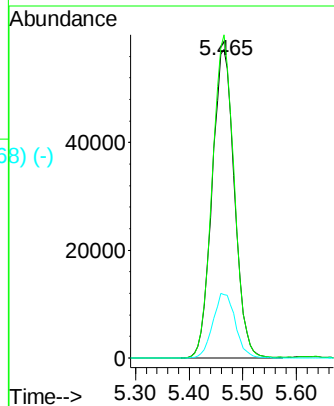
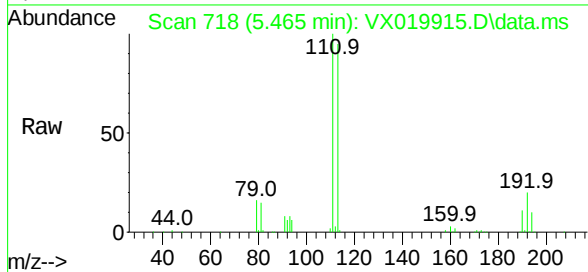




#35
Dibromofluoromethane
Concen: 48.28 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

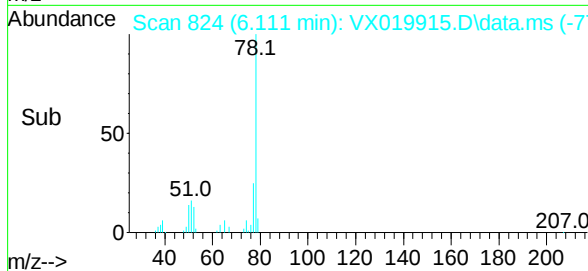
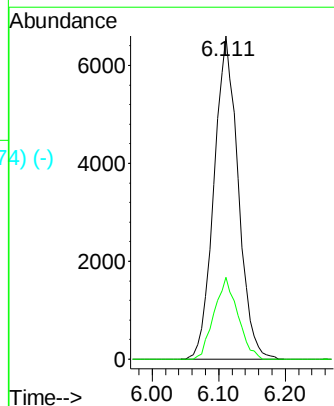
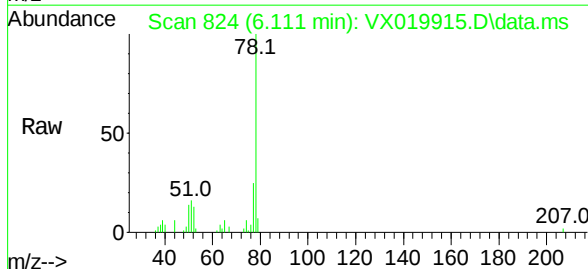
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920

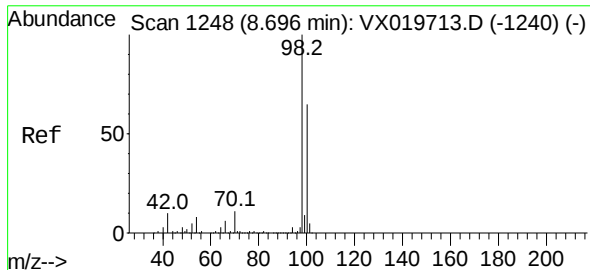
Tgt Ion:113 Resp: 165323
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.0 16.7 25.1



#40
Benzene
Concen: 1.14 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

Tgt Ion: 78 Resp: 16663
Ion Ratio Lower Upper
78 100
77 25.4 18.9 28.3

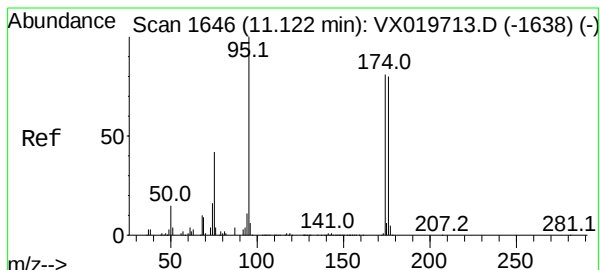
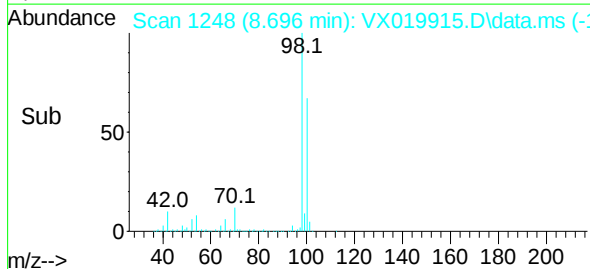
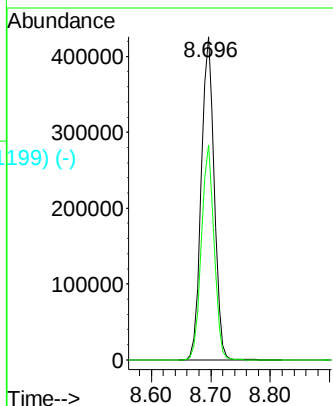
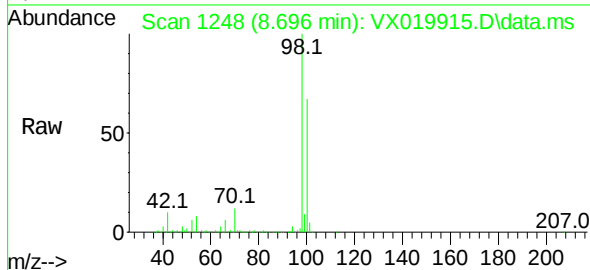




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

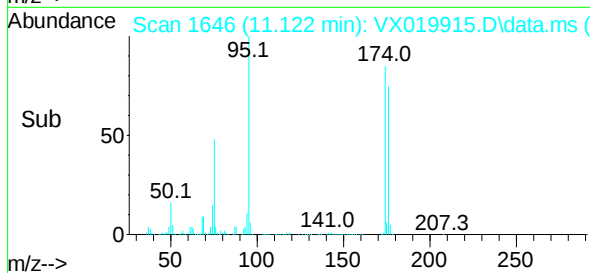
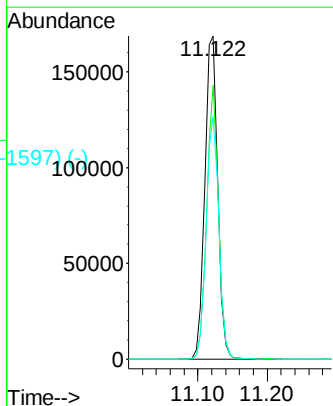
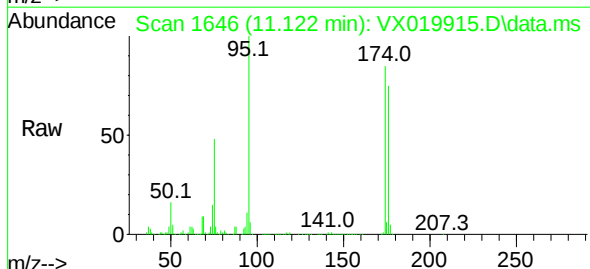
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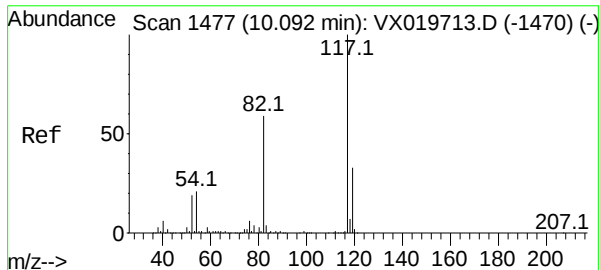
Tgt Ion: 98 Resp: 643267
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

Tgt Ion: 95 Resp: 217520
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 74.1 0.0 155.8

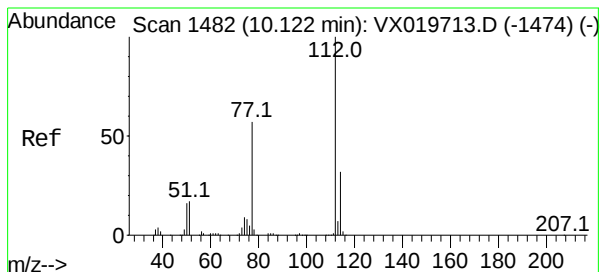
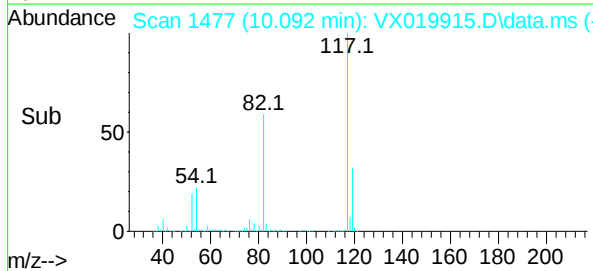
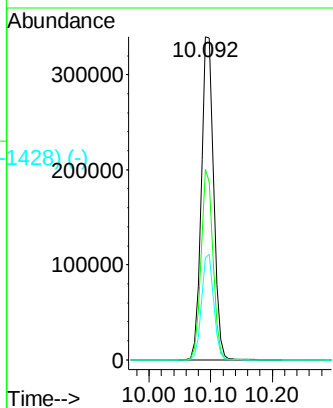
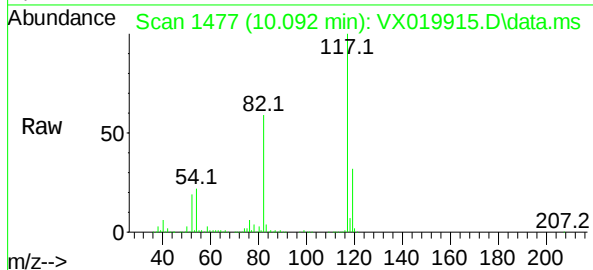




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

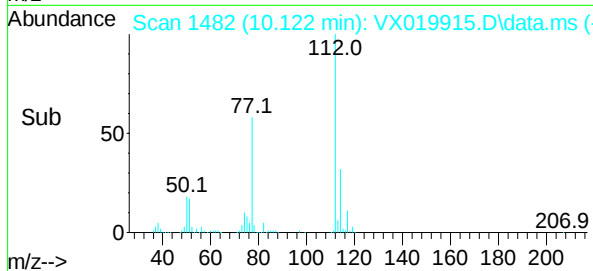
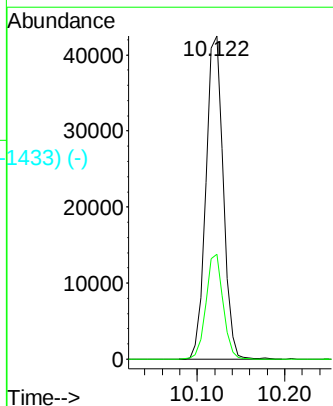
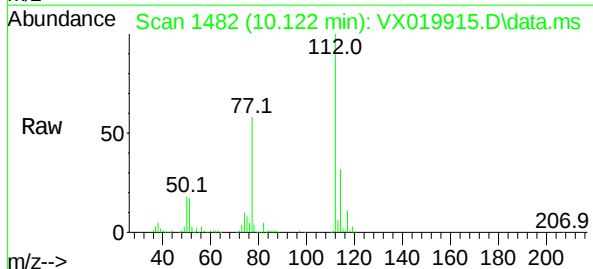
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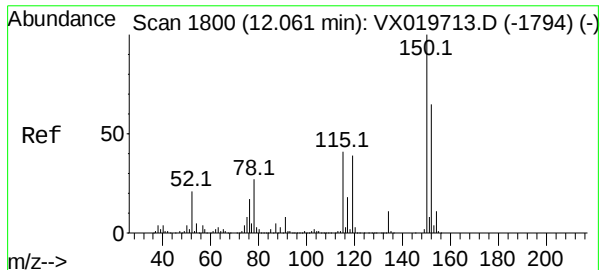
Tgt Ion:	117	Resp:	477179
Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	31.6	26.6	39.8



#65
Chlorobenzene
Concen: 6.13 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX019915.D
Acq: 12 Dec 2020 08:06

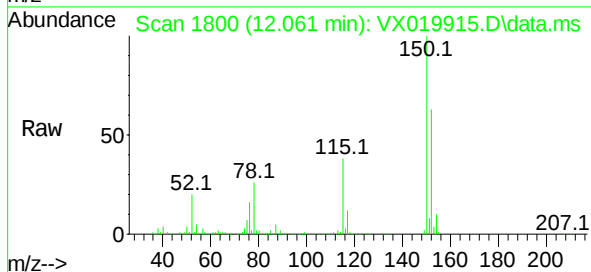
Tgt Ion:	112	Resp:	58271
Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VX019915.D
 Acq: 12 Dec 2020 08:06

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.1	123.3
150	158.0	0.0	349.0

