

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033167.D
 Acq On : 01 Dec 2022 16:41
 Operator : JC/MD
 Sample : N5821-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4I

Quant Time: Dec 02 00:53:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

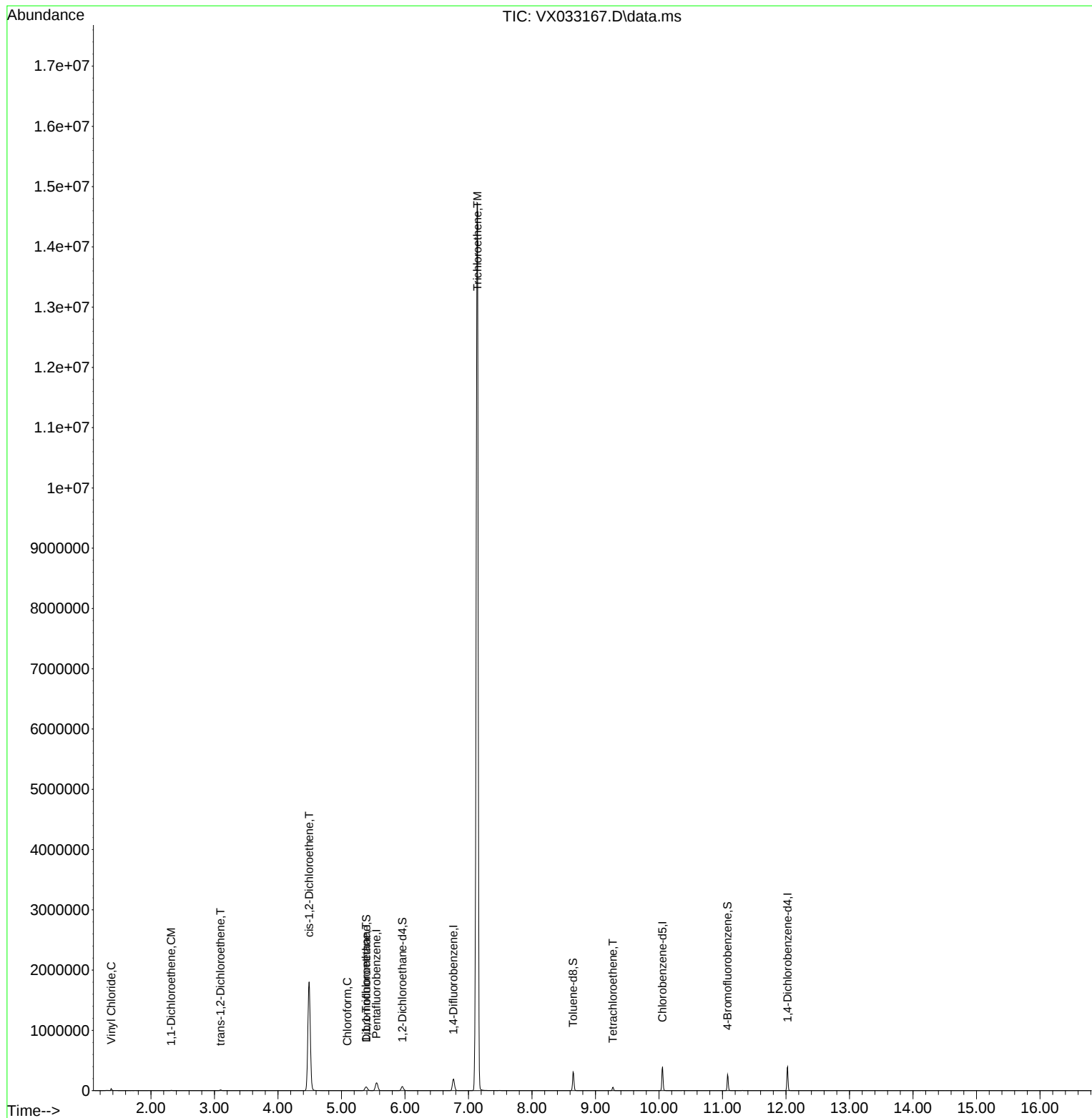
Internal Standards						
1) Pentafluorobenzene	5.550	168	122757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68005	57.141	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.280%		
35) Dibromofluoromethane	5.391	113	54726	48.587	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.180%		
50) Toluene-d8	8.647	98	179350	53.053	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.100%		
62) 4-Bromofluorobenzene	11.079	95	68101	46.027	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.060%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	20440	18.131	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1802	1.682	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	5141	4.195	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1132276	813.249	ug/l	90
30) Chloroform	5.093	83	1116	0.462	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	1010	0.467	ug/l #	48
44) Trichloroethene	7.141	130	5921109	4178.792	ug/l	100
64) Tetrachloroethene	9.275	164	9870	7.896	ug/l	93

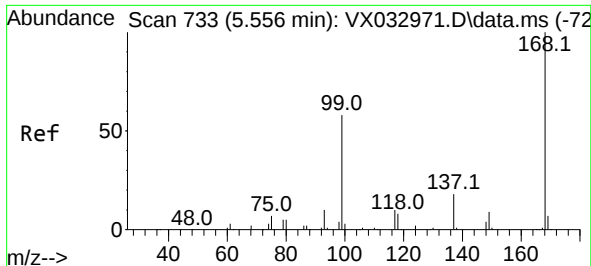
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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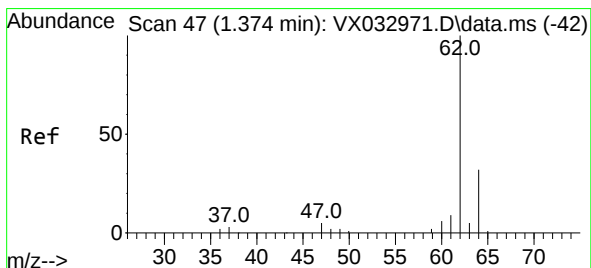
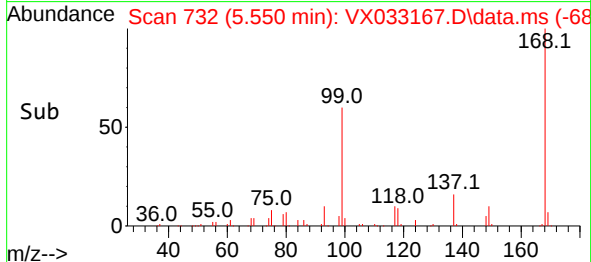
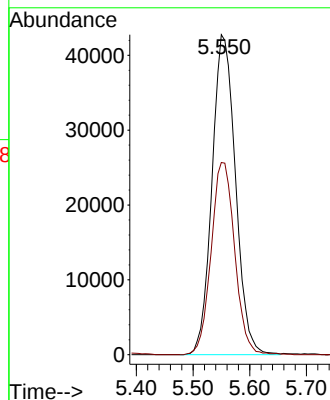
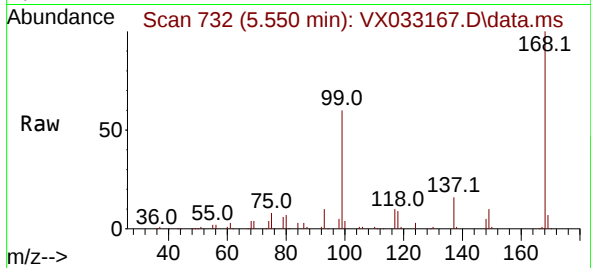




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

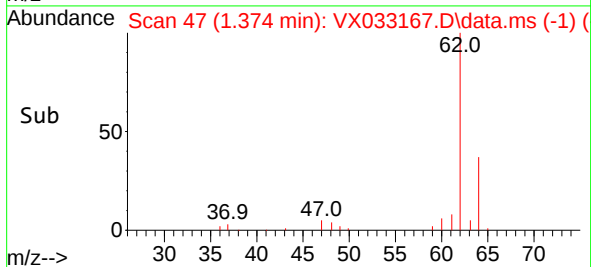
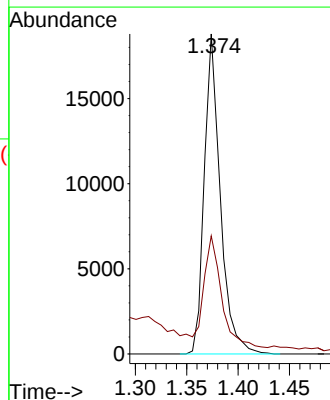
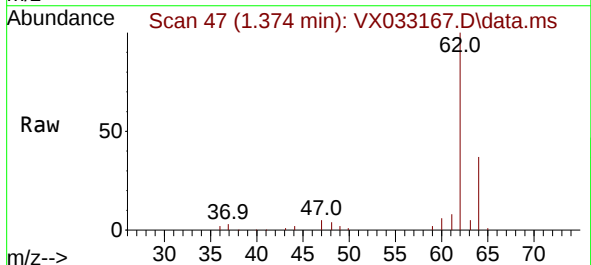
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

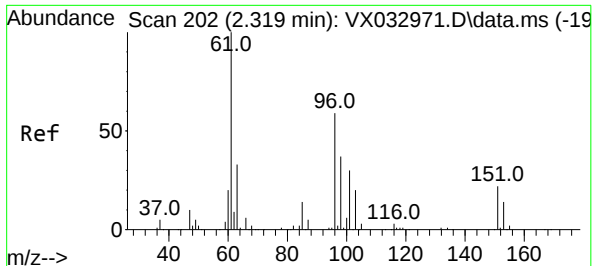
Tgt Ion:168 Resp: 122757
Ion Ratio Lower Upper
168 100
99 60.0 46.1 69.1



#4
Vinyl Chloride
Concen: 18.131 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

Tgt Ion: 62 Resp: 20440
Ion Ratio Lower Upper
62 100
64 34.8 25.8 38.6





#12

1,1-Dichloroethene

Concen: 1.682 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX033167.D

Acq: 01 Dec 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

22-MW-4I

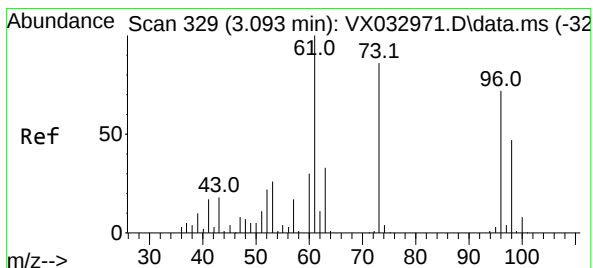
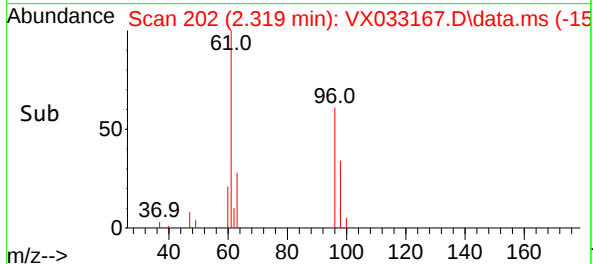
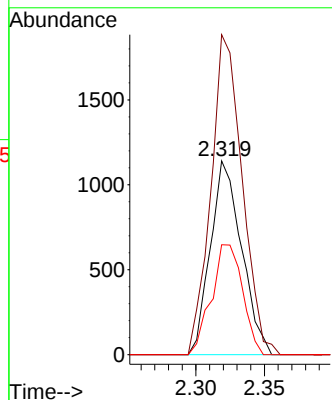
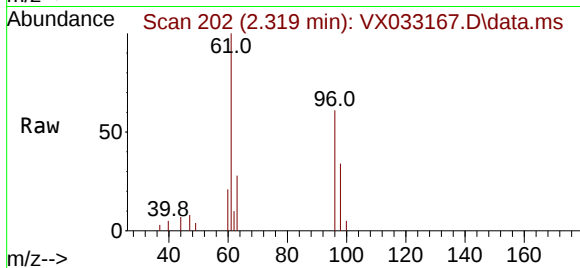
Tgt Ion: 96 Resp: 1802

Ion Ratio Lower Upper

96 100

61 165.1 125.1 187.7

98 56.7 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 4.195 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX033167.D

Acq: 01 Dec 2022 16:41

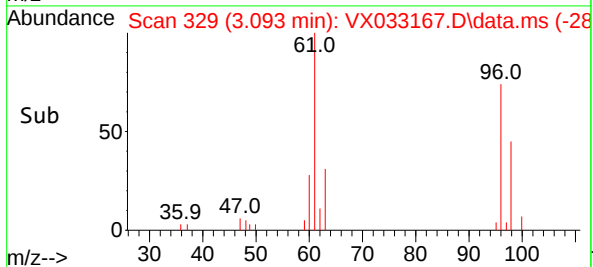
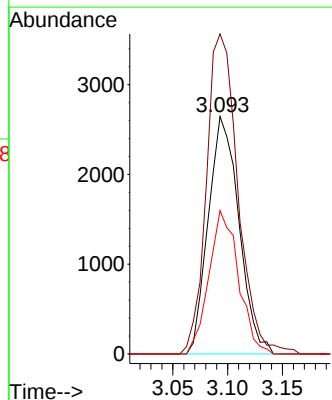
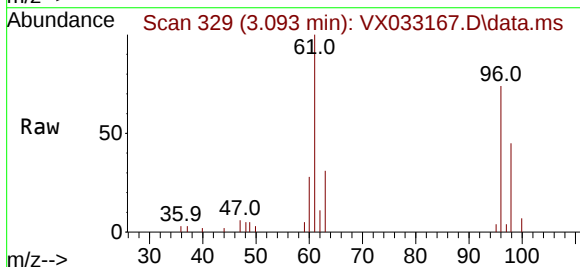
Tgt Ion: 96 Resp: 5141

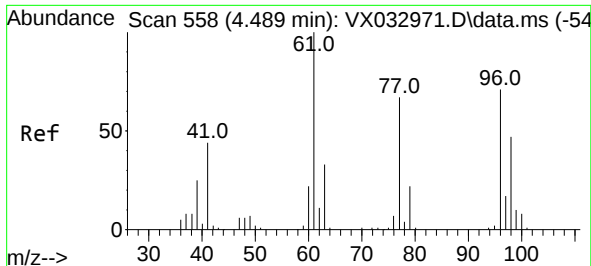
Ion Ratio Lower Upper

96 100

61 134.8 106.6 160.0

98 60.4 51.0 76.6



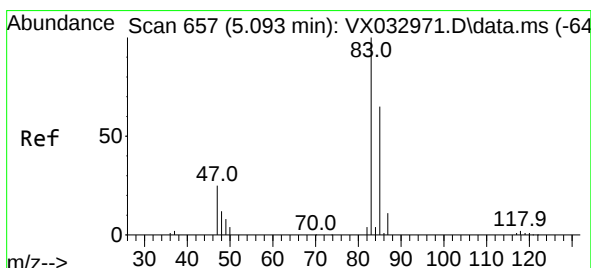
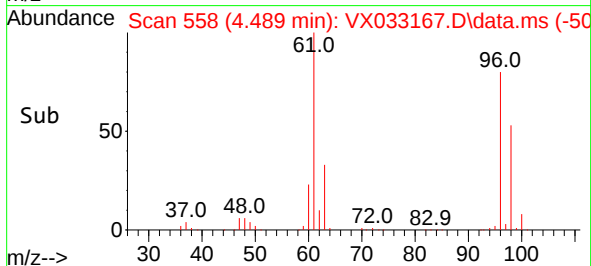
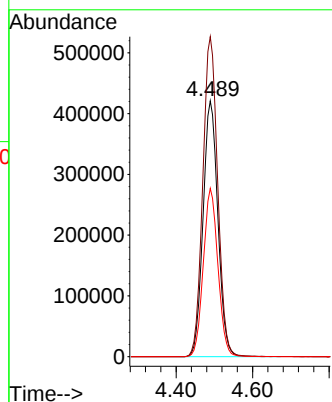
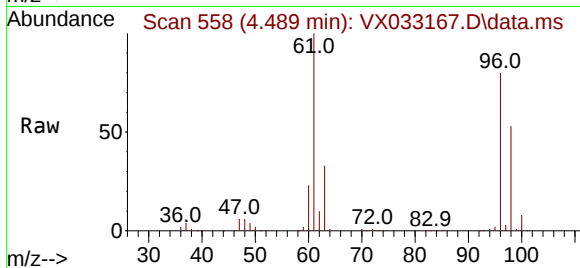


#27
 cis-1,2-Dichloroethene
 Concen: 813.249 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX033167.D
 Acq: 01 Dec 2022 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4I

Tgt Ion: 96 Resp: 1132276

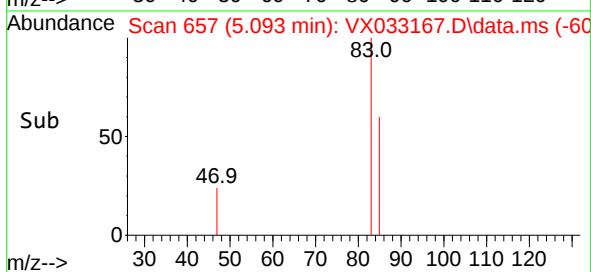
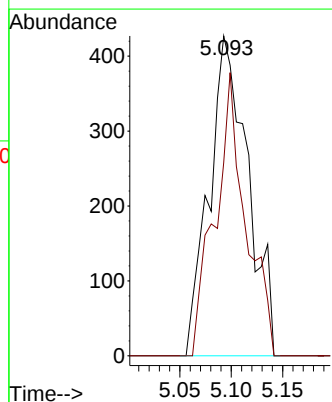
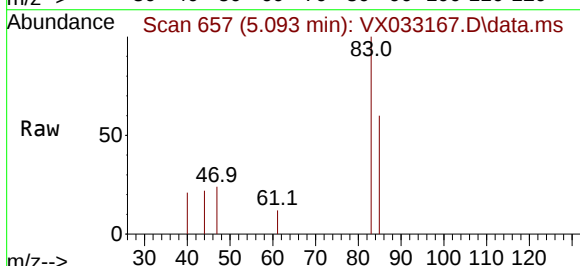
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	286.0
98	64.9	0.0	129.6

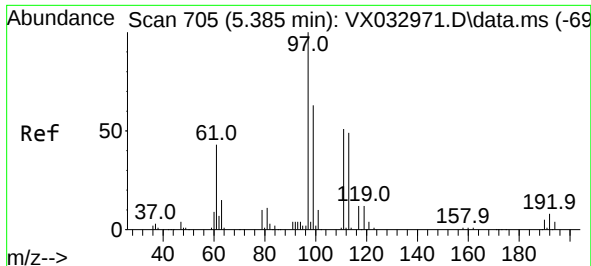


#30
 Chloroform
 Concen: 0.462 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.006 min
 Lab File: VX033167.D
 Acq: 01 Dec 2022 16:41

Tgt Ion: 83 Resp: 1116

Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.1	76.7





#32

1,1,1-Trichloroethane

Concen: 0.467 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033167.D

Acq: 01 Dec 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

22-MW-4I

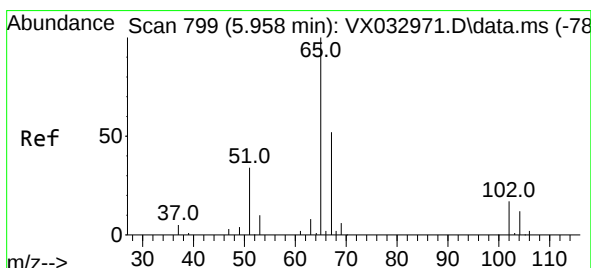
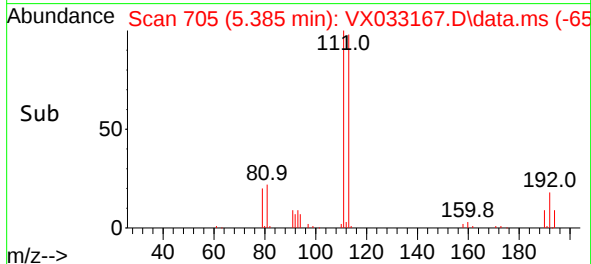
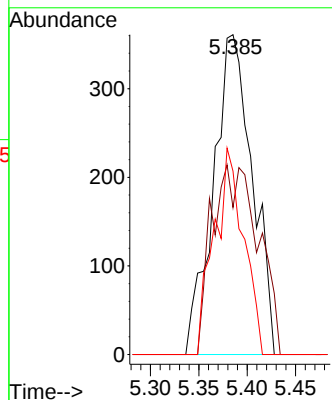
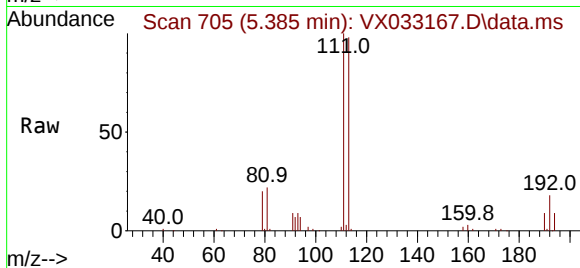
Tgt Ion: 97 Resp: 1010

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 49.0 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 57.141 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033167.D

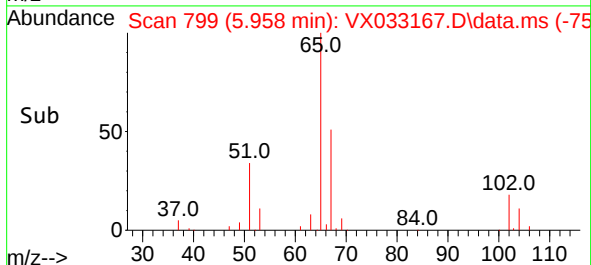
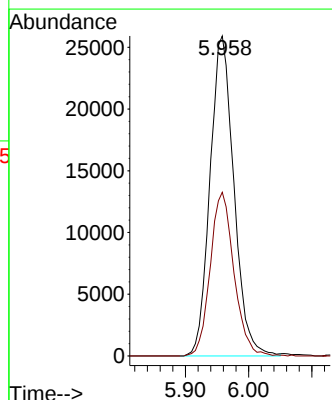
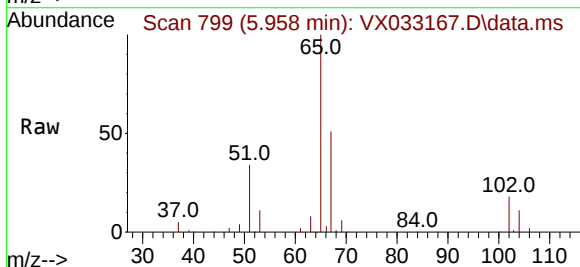
Acq: 01 Dec 2022 16:41

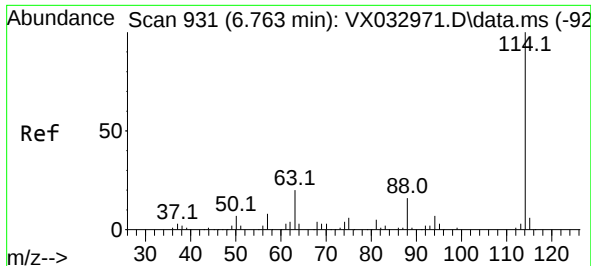
Tgt Ion: 65 Resp: 68005

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8

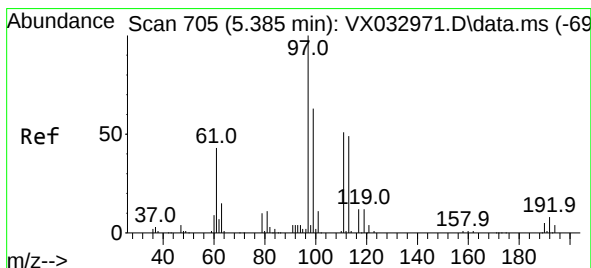
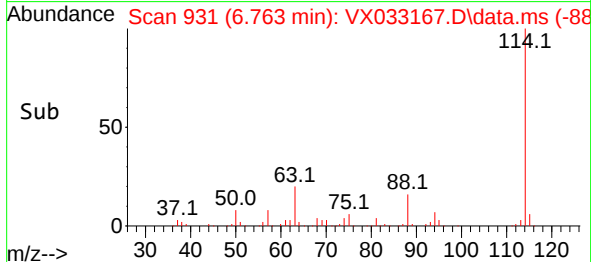
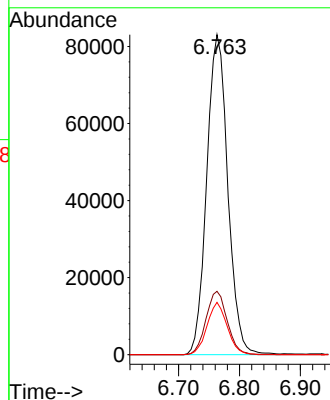
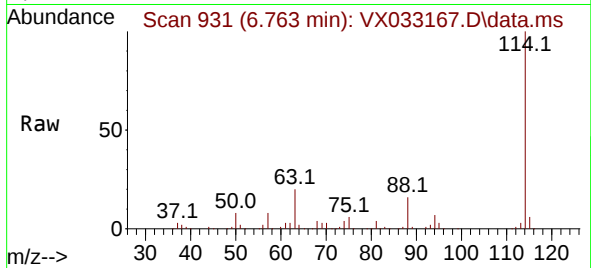




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

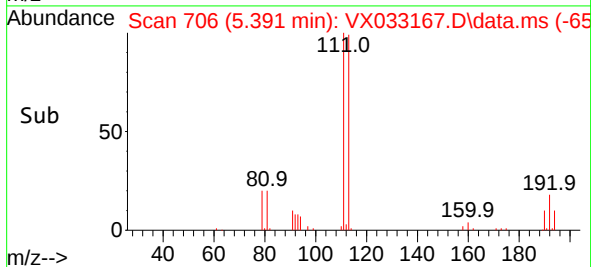
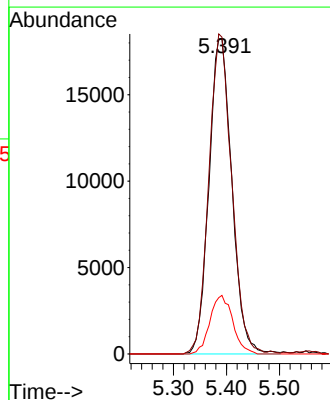
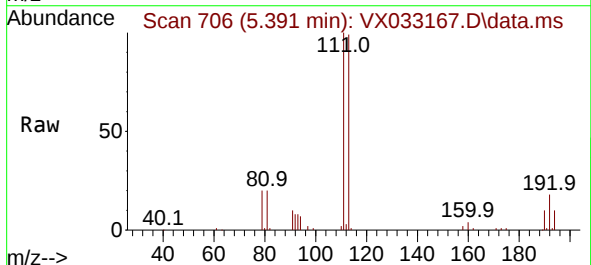
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

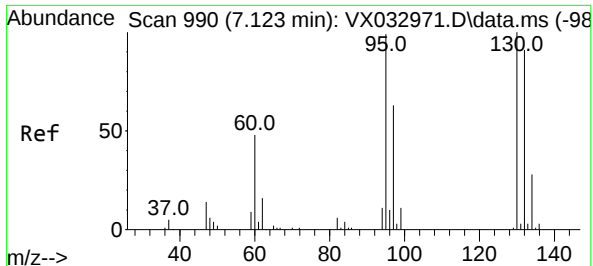
Tgt Ion:114 Resp: 199791
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.587 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

Tgt Ion:113 Resp: 54726
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 18.5 15.4 23.2

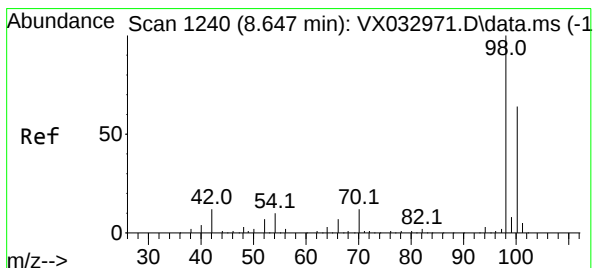
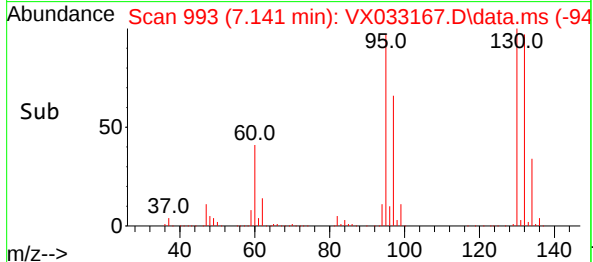
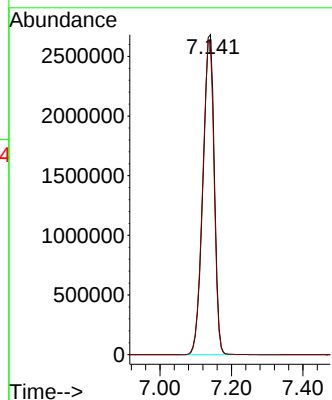
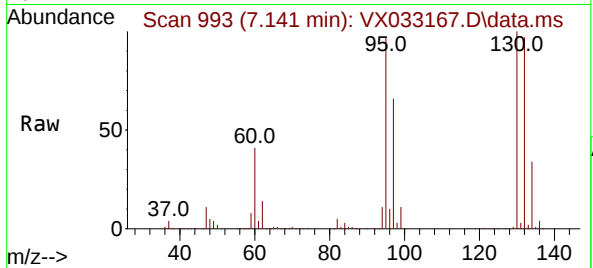




#44
 Trichloroethene
 Concen: 4178.792 ug/l
 RT: 7.141 min Scan# 990
 Delta R.T. 0.012 min
 Lab File: VX033167.D
 Acq: 01 Dec 2022 16:41

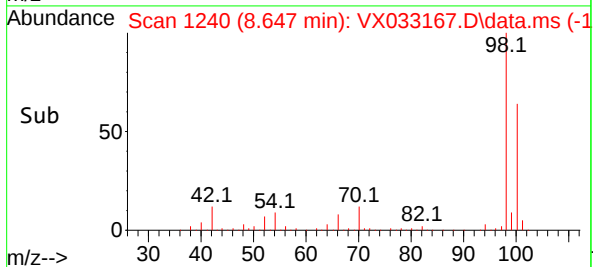
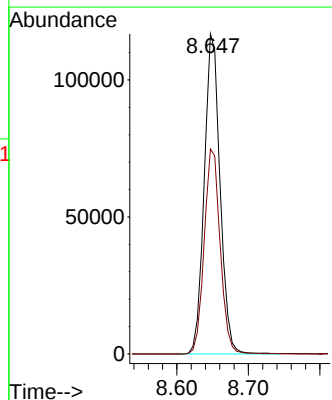
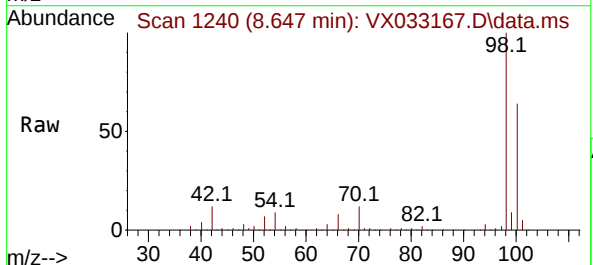
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 MSVOA_X
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 22-MW-4I

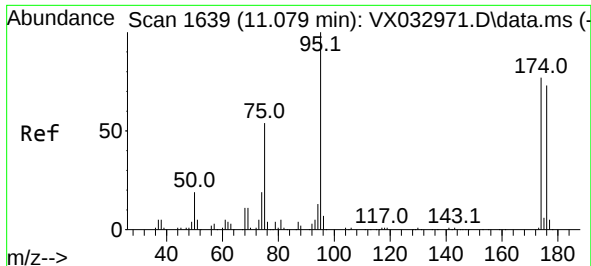
Tgt Ion:130 Resp: 5921109
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 195.2



#50
 Toluene-d8
 Concen: 53.053 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033167.D
 Acq: 01 Dec 2022 16:41

Tgt Ion: 98 Resp: 179350
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.9 76.3

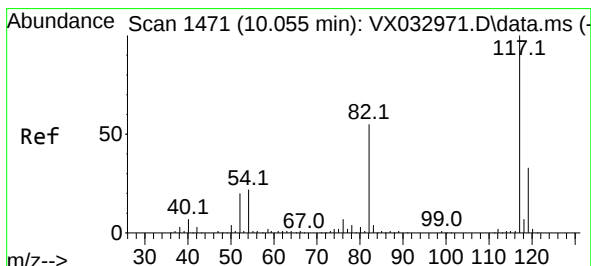
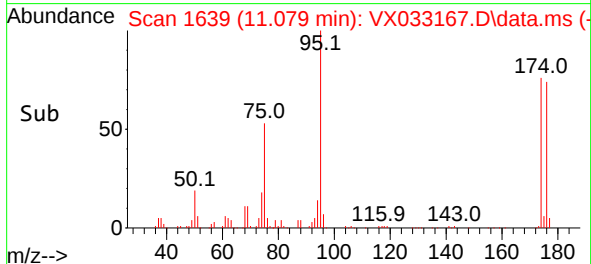
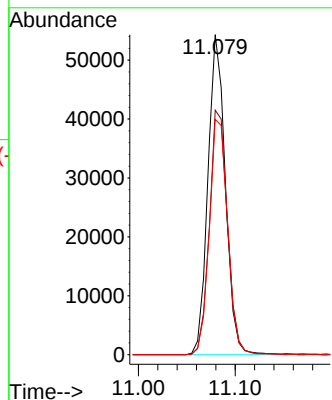
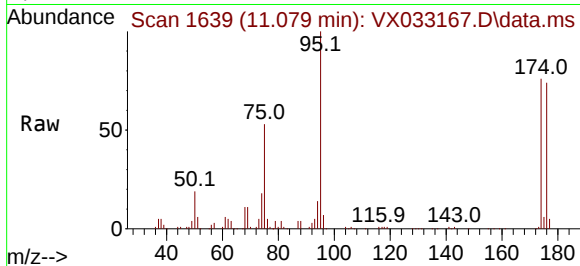




#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

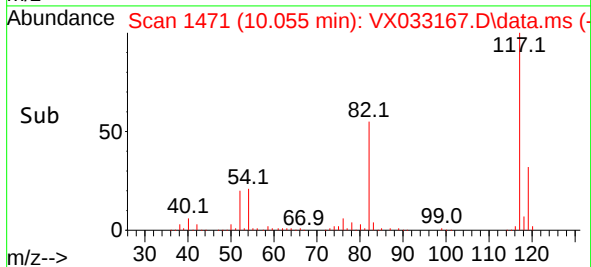
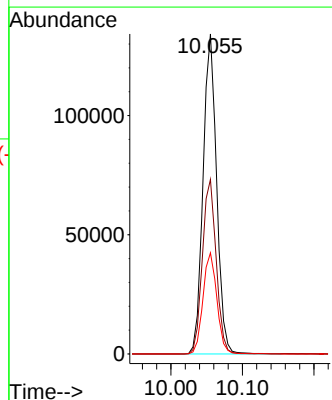
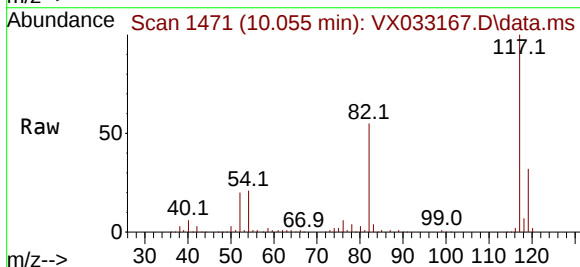
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

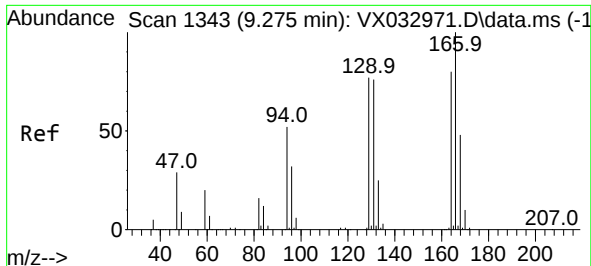
Tgt Ion: 95 Resp: 68101
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.0
176 77.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

Tgt Ion: 117 Resp: 176593
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.6 25.7 38.5



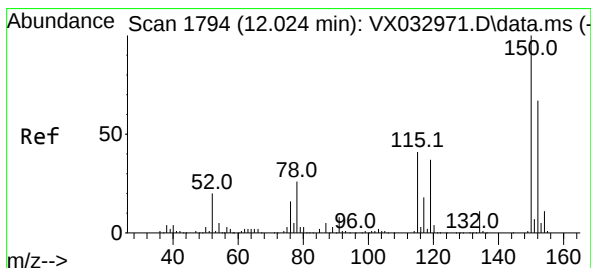
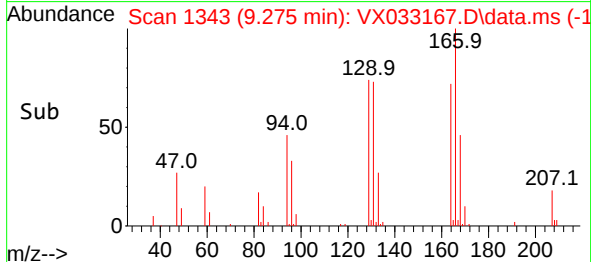
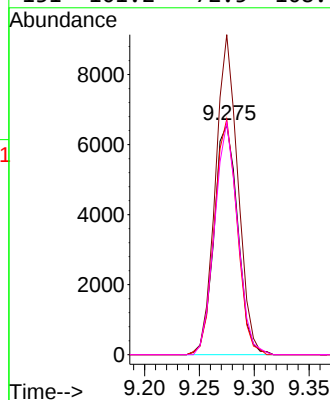
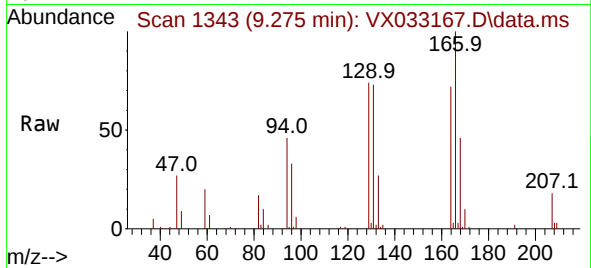


#64
Tetrachloroethene
Concen: 7.896 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

Tgt Ion:164 Resp: 9870

Ion	Ratio	Lower	Upper
164	100		
166	139.4	105.4	158.2
129	102.6	78.2	117.2
131	101.2	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033167.D
Acq: 01 Dec 2022 16:41

Tgt Ion:152 Resp: 82588

Ion	Ratio	Lower	Upper
152	100		
115	60.0	44.0	132.0
150	155.2	0.0	351.8

