

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033168.D
 Acq On : 01 Dec 2022 17:04
 Operator : JC/MD
 Sample : N5821-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6S

Quant Time: Dec 02 00:53:49 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)

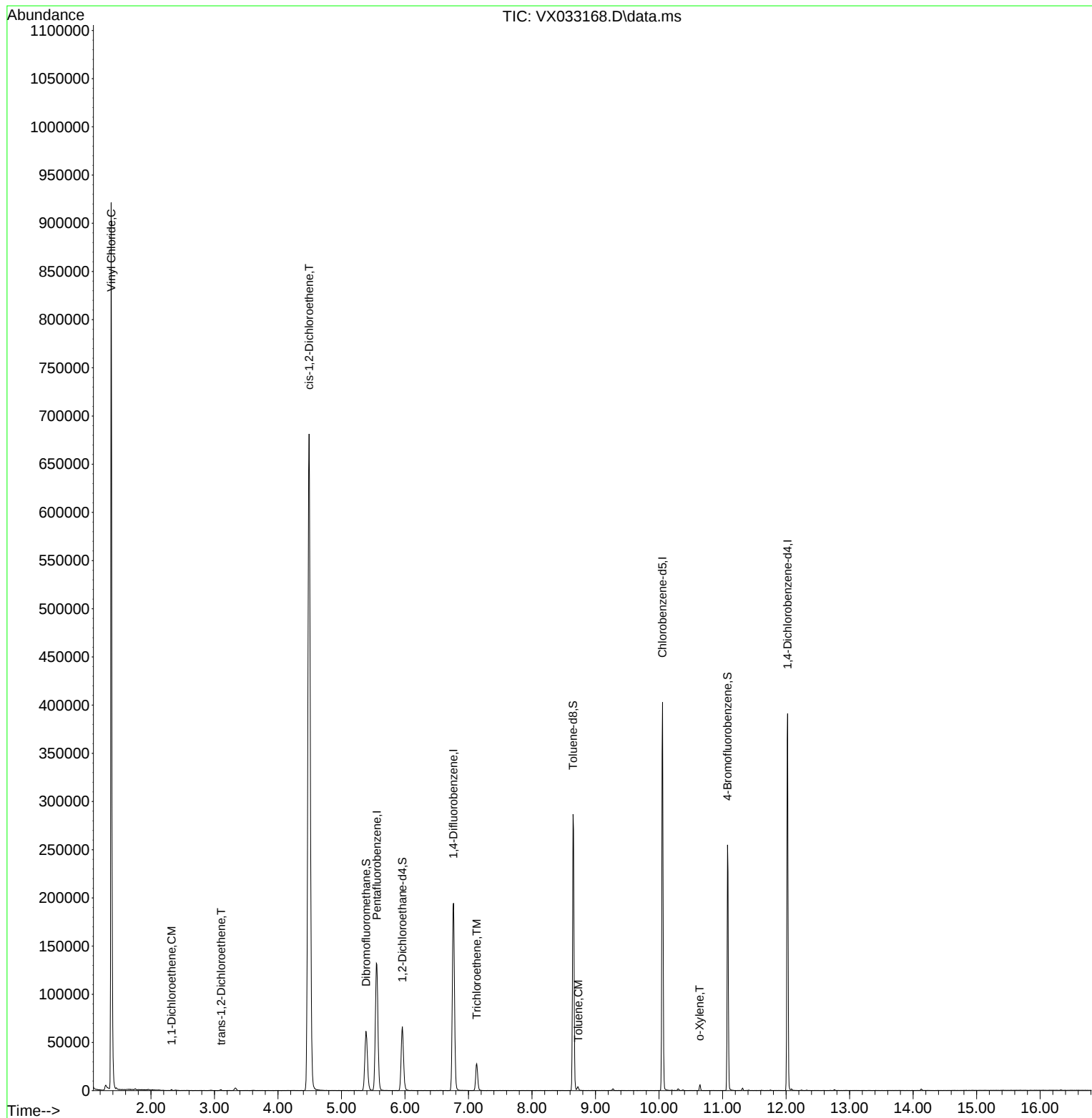
Internal Standards						
1) Pentafluorobenzene	5.556	168	125911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66881	54.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.300%	
35) Dibromofluoromethane	5.385	113	52542	46.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.580%	
50) Toluene-d8	8.647	98	171962	50.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	63250	42.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.840%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	610240	527.756	ug/l	100
12) 1,1-Dichloroethene	2.325	96	383	0.349	ug/l #	74
21) trans-1,2-Dichloroethene	3.105	96	446	0.355	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	427094	299.073	ug/l	91
44) Trichloroethene	7.129	130	11157	7.814	ug/l	96
52) Toluene	8.726	92	1583	0.473	ug/l	97
69) o-Xylene	10.640	106	1435	0.605	ug/l	92

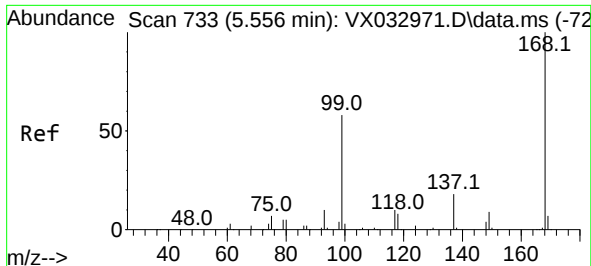
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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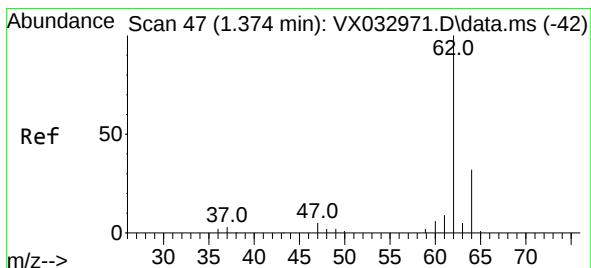
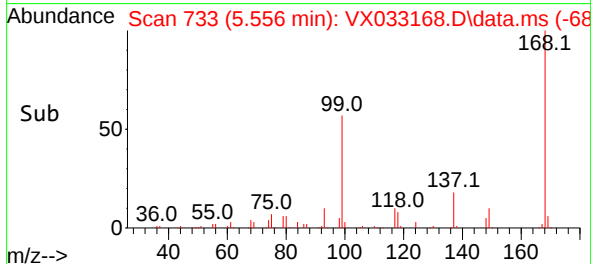
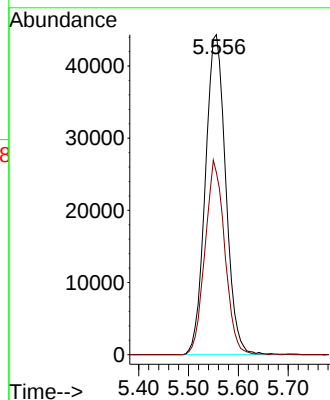
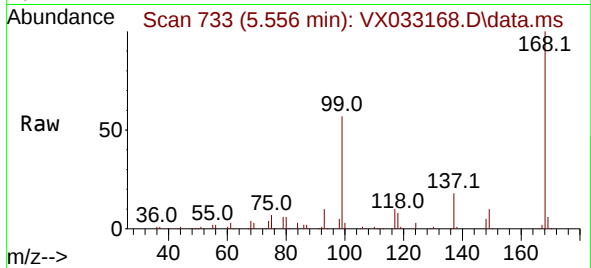




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

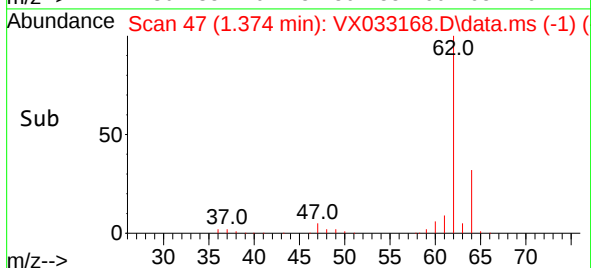
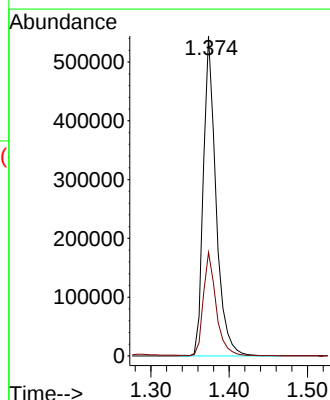
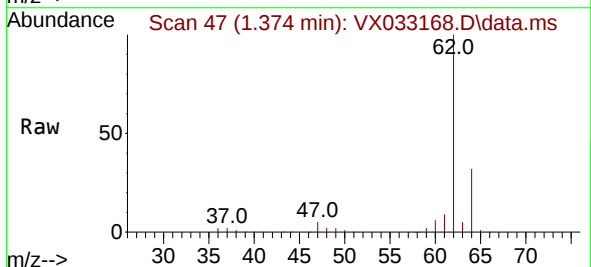
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

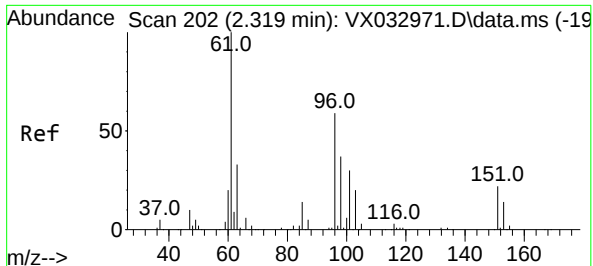
Tgt Ion:168 Resp: 125911
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#4
Vinyl Chloride
Concen: 527.756 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 62 Resp: 610240
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#12

1,1-Dichloroethene

Concen: 0.349 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S

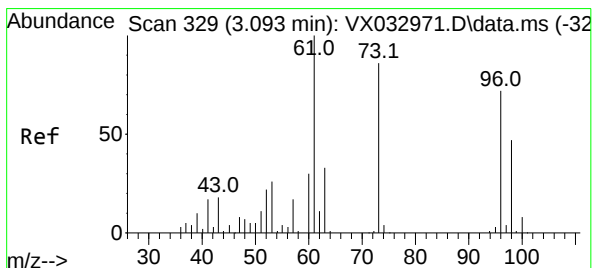
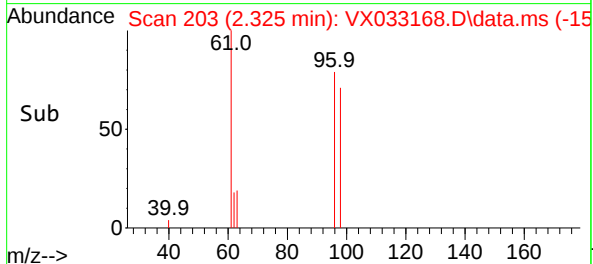
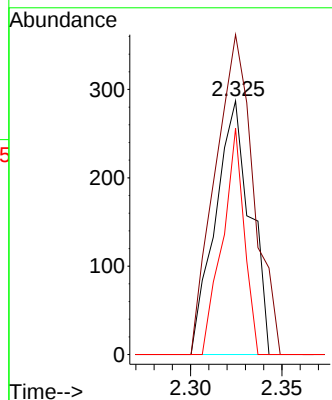
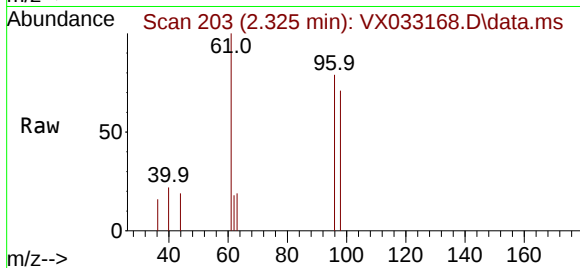
Tgt Ion: 96 Resp: 383

Ion Ratio Lower Upper

96 100

61 126.1 125.1 187.7

98 89.2 50.6 76.0#



#21

trans-1,2-Dichloroethene

Concen: 0.355 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.012 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

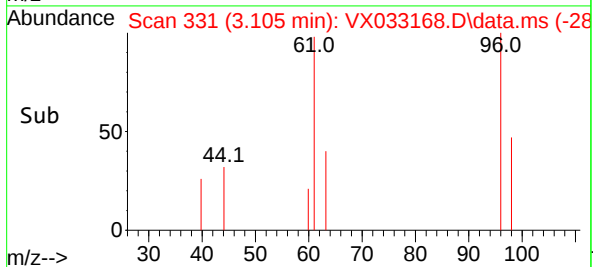
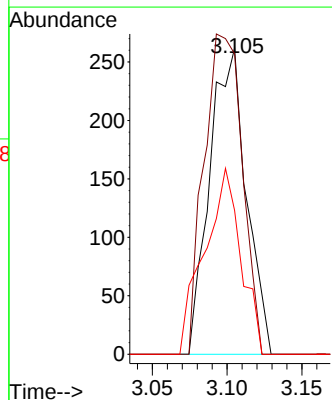
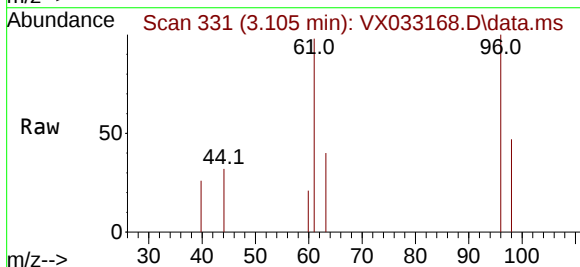
Tgt Ion: 96 Resp: 446

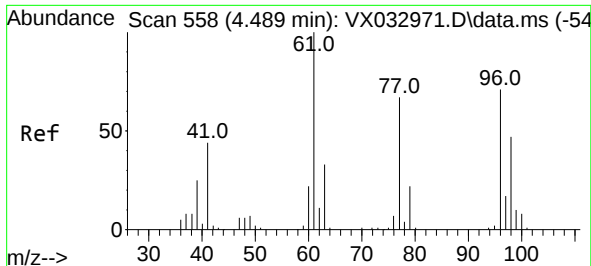
Ion Ratio Lower Upper

96 100

61 98.1 106.6 160.0#

98 46.9 51.0 76.6#





#27

cis-1,2-Dichloroethene

Concen: 299.073 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S

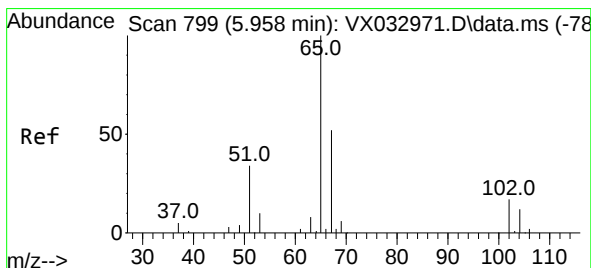
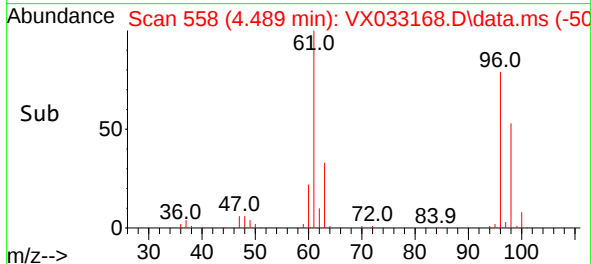
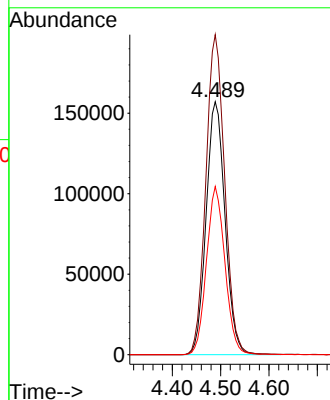
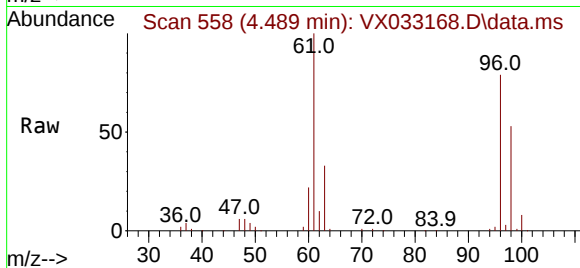
Tgt Ion: 96 Resp: 427094

Ion Ratio Lower Upper

96 100

61 126.1 0.0 286.0

98 64.9 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 54.651 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033168.D

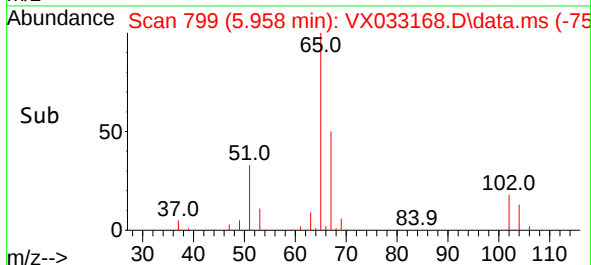
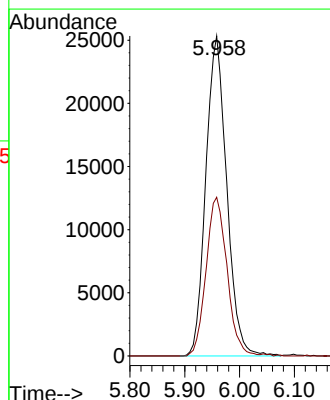
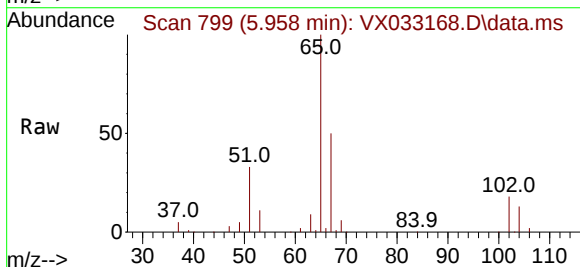
Acq: 01 Dec 2022 17:04

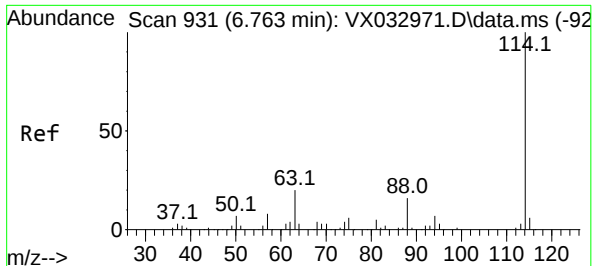
Tgt Ion: 65 Resp: 66881

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8

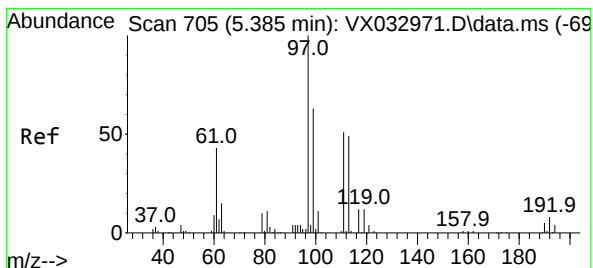
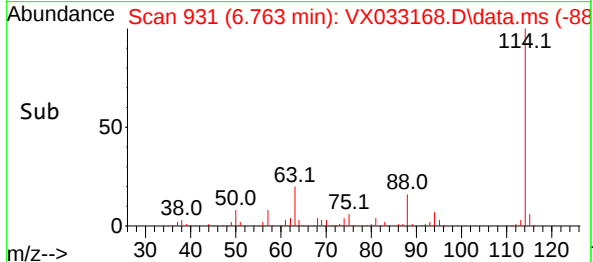
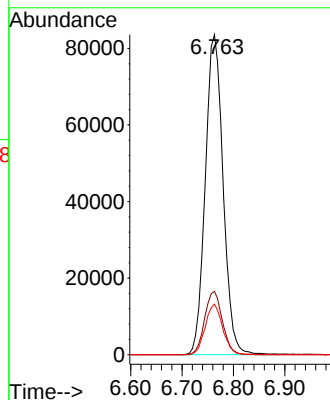
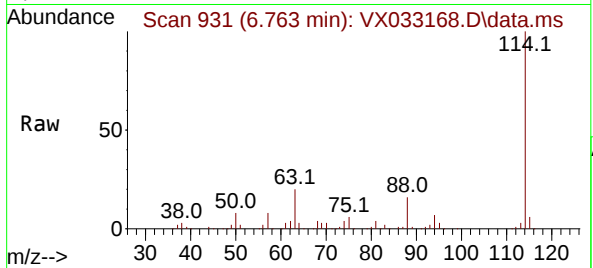




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

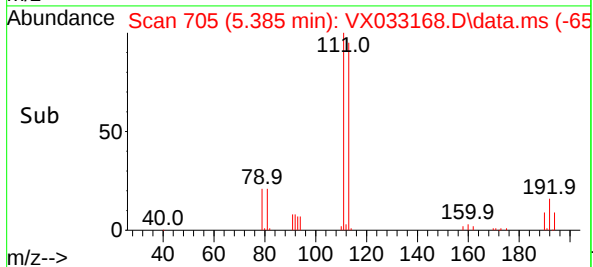
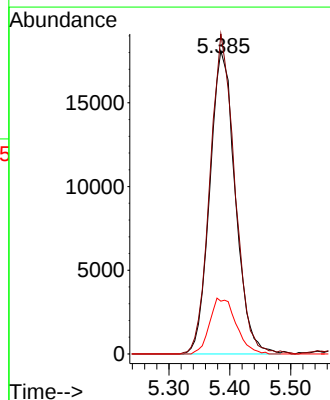
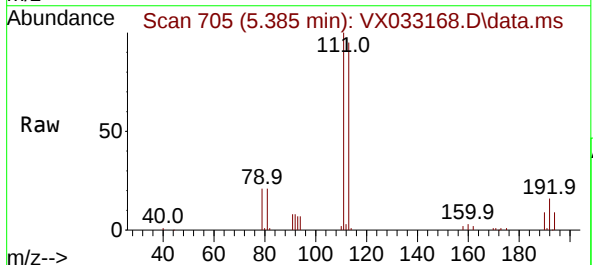
Instrument :
MSVOA_X
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22-MW-6S

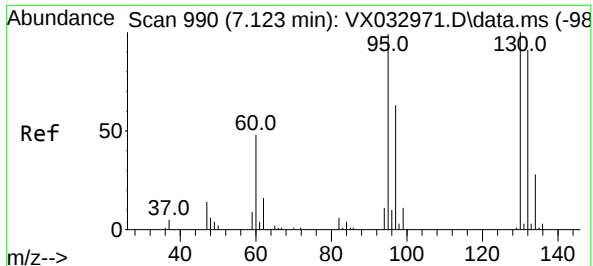
Tgt Ion:114 Resp: 201318
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.294 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion:113 Resp: 52542
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.0 15.4 23.2

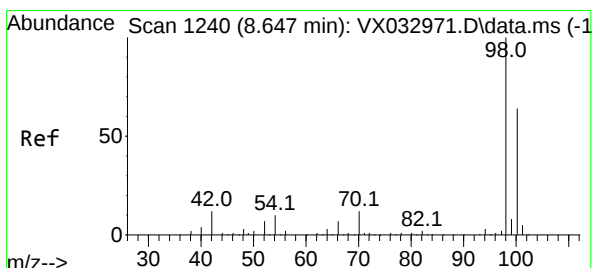
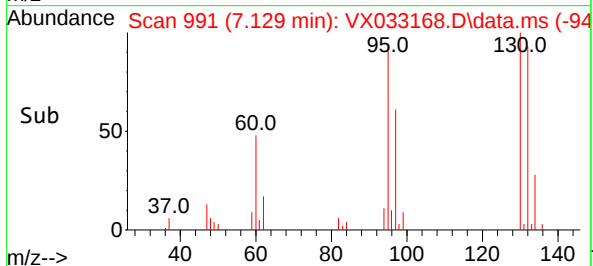
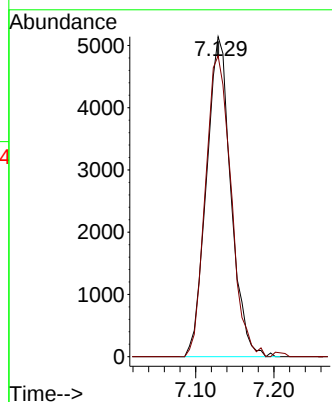
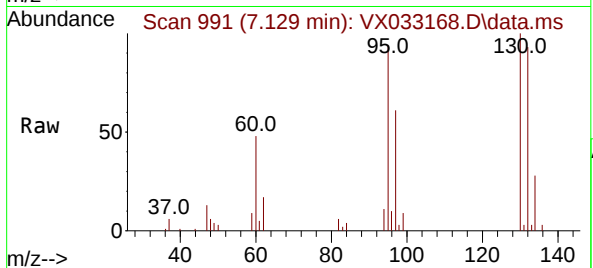




#44
Trichloroethene
Concen: 7.814 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

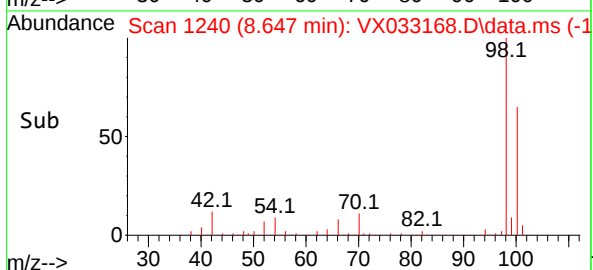
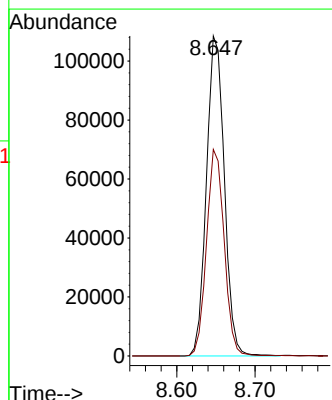
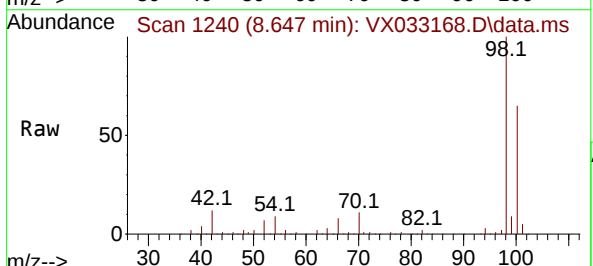
Instrument :
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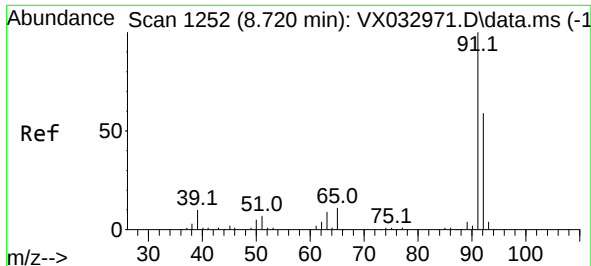
Tgt Ion:130 Resp: 11157
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.2



#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 98 Resp: 171962
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

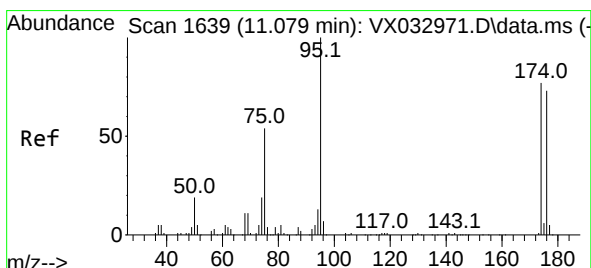
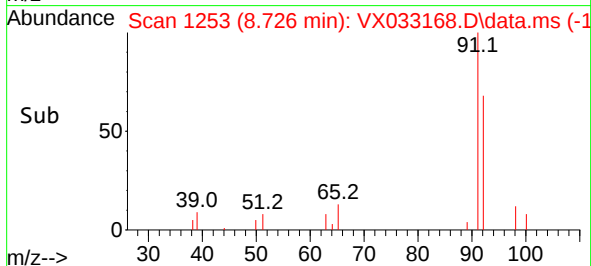
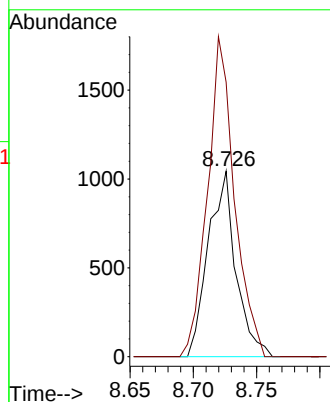
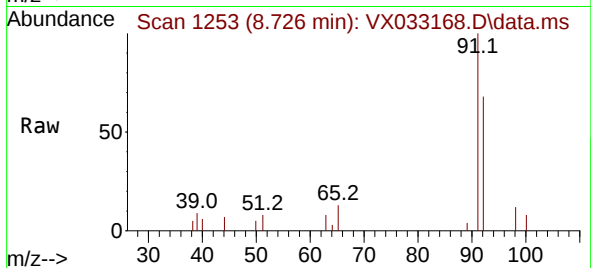




#52
Toluene
Concen: 0.473 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

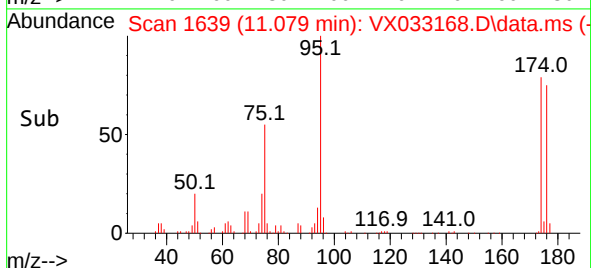
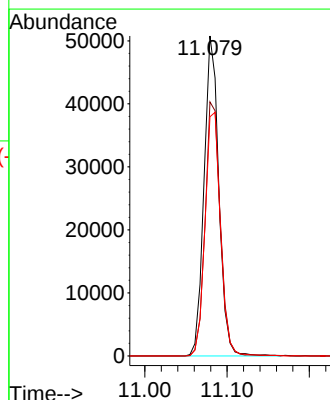
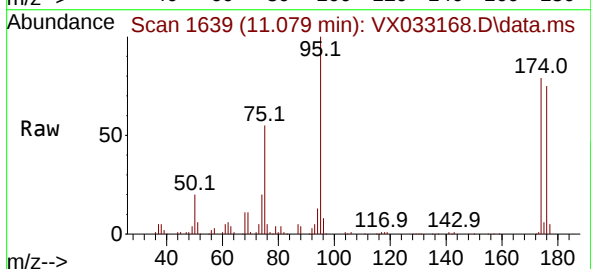
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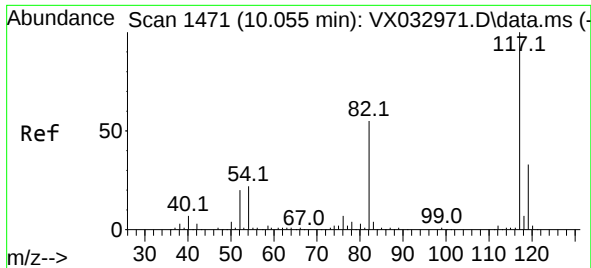
Tgt Ion: 92 Resp: 1583
Ion Ratio Lower Upper
92 100
91 168.9 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 42.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 95 Resp: 63250
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 80.0 0.0 154.4

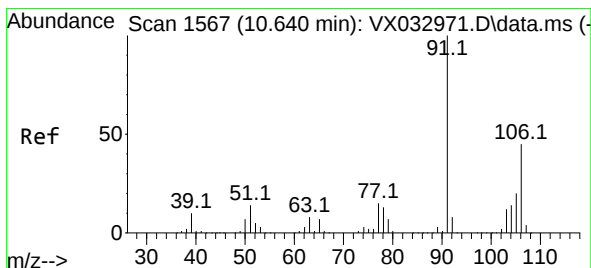
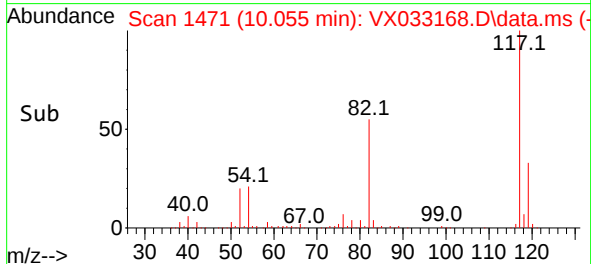
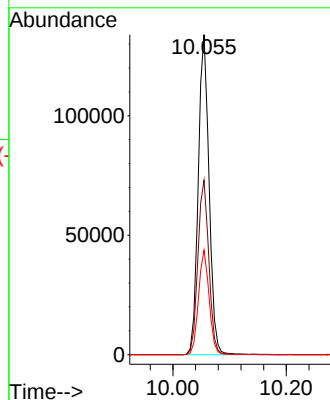
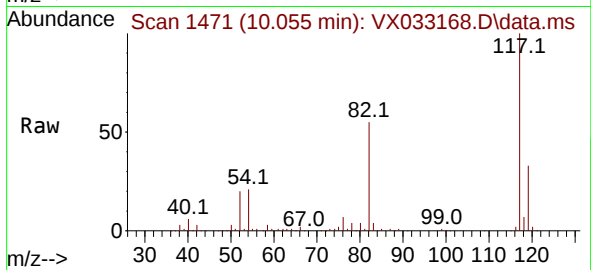




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

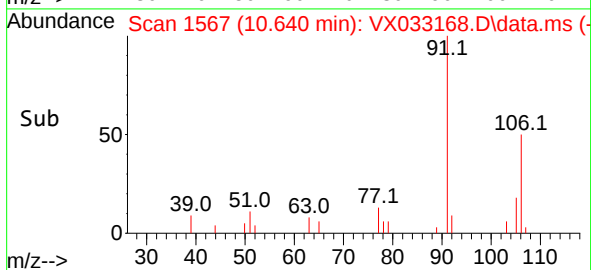
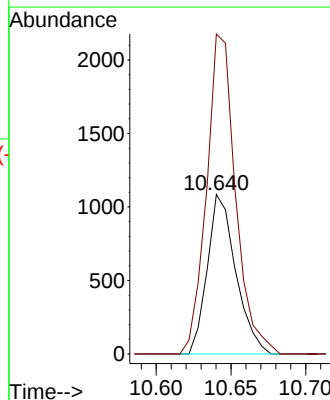
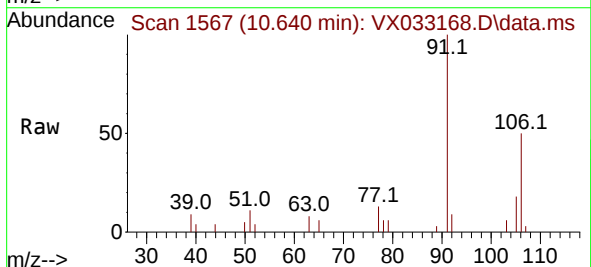
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

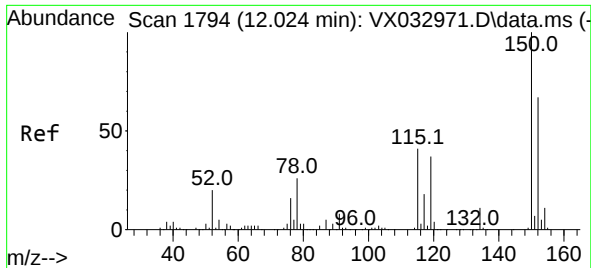
Tgt Ion:117 Resp: 176988
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.7 25.7 38.5



#69
o-Xylene
Concen: 0.605 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion:106 Resp: 1435
Ion Ratio Lower Upper
106 100
91 204.8 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033168.D

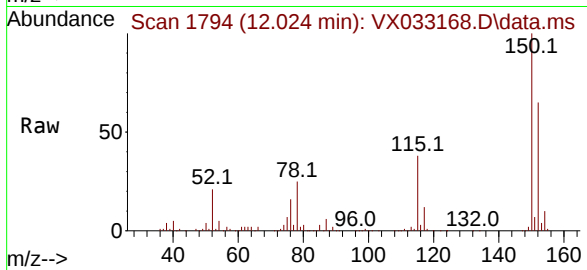
Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S



Tgt Ion:152 Resp: 80265

Ion Ratio Lower Upper

152 100

115 60.5 44.0 132.0

150 157.8 0.0 351.8

