

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033303.D
 Acq On : 07 Dec 2022 23:47
 Operator : JC/MD
 Sample : N5906-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RR

Quant Time: Dec 08 01:45:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

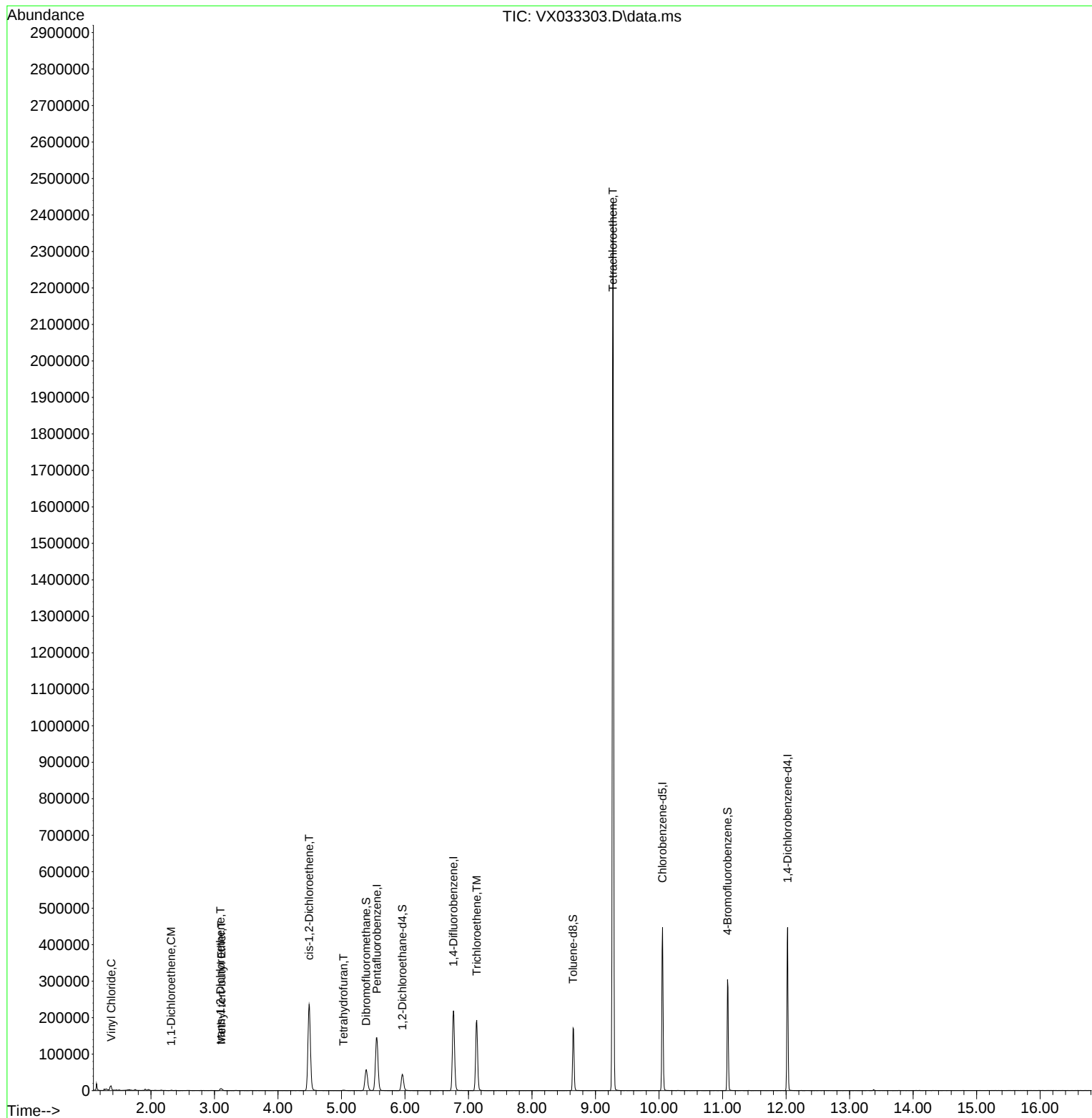
Internal Standards						
1) Pentafluorobenzene	5.556	168	141175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46616	51.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.385	113	50964	49.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.760%	
50) Toluene-d8	8.647	98	105797	49.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	79420	48.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.180%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	3031	2.328	ug/l	90
12) 1,1-Dichloroethene	2.319	96	450	0.352	ug/l #	70
19) Methyl tert-butyl Ether	3.111	73	3403	0.768	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	1586	1.133	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	151932	90.803	ug/l	89
29) Tetrahydrofuran	5.032	42	1123	1.802	ug/l #	84
44) Trichloroethene	7.129	130	75060	46.871	ug/l	96
64) Tetrachloroethene	9.275	164	429514	313.219	ug/l	97

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

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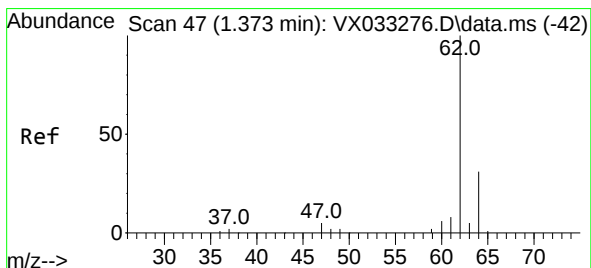
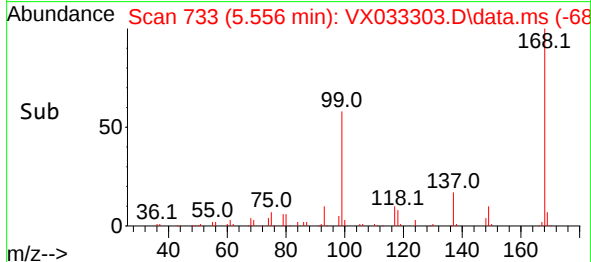
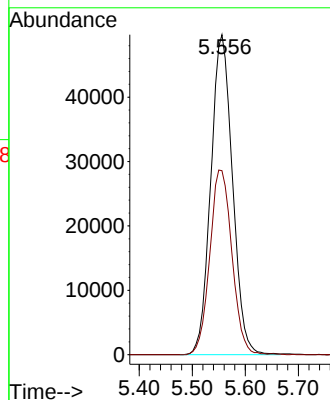
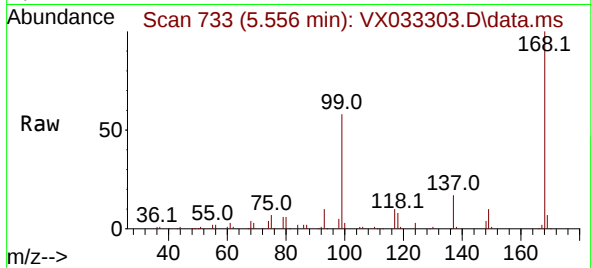




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

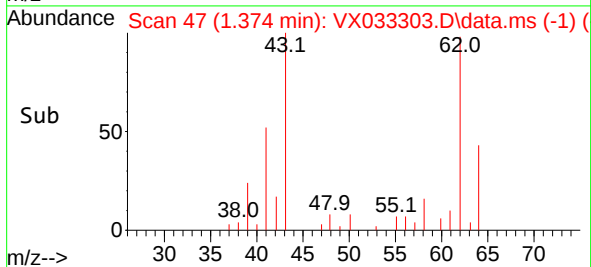
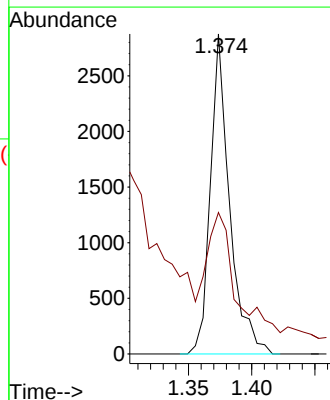
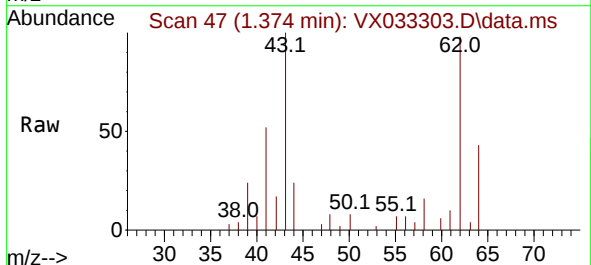
Instrument :
MSVOA_X
ClientSampleId :
MW-3RR

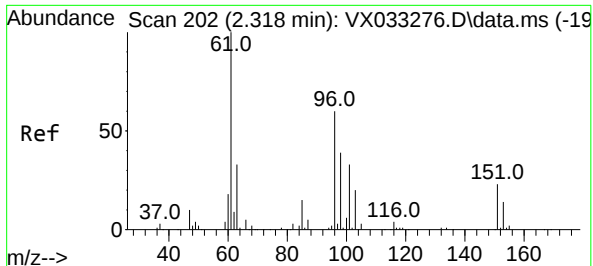
Tgt Ion:168 Resp: 141175
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#4
Vinyl Chloride
Concen: 2.328 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

Tgt Ion: 62 Resp: 3031
Ion Ratio Lower Upper
62 100
64 37.6 25.8 38.6





#12

1,1-Dichloroethene

Concen: 0.352 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX033303.D

Acq: 07 Dec 2022 23:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3RR

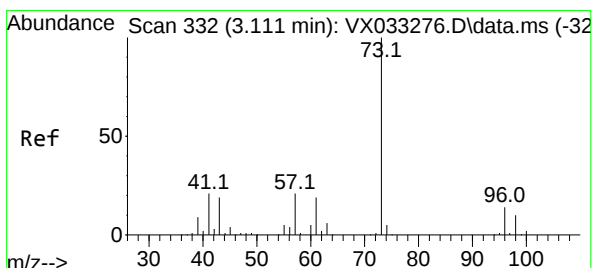
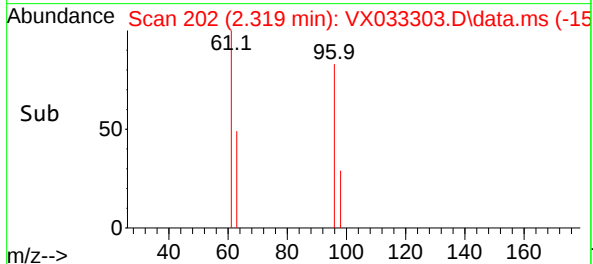
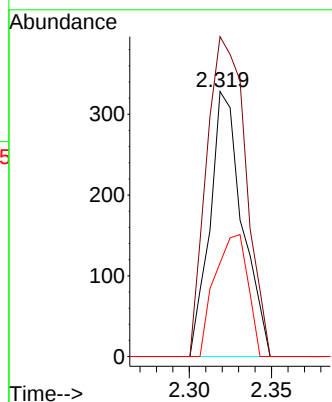
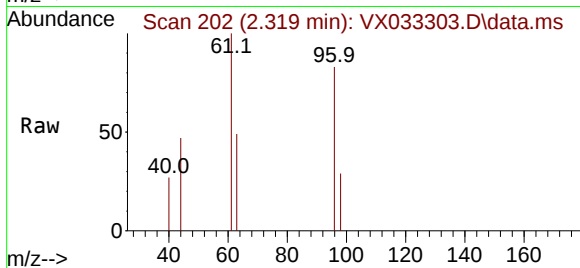
Tgt Ion: 96 Resp: 450

Ion Ratio Lower Upper

96 100

61 120.7 125.1 187.7#

98 35.4 50.6 76.0#



#19

Methyl tert-butyl Ether

Concen: 0.768 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX033303.D

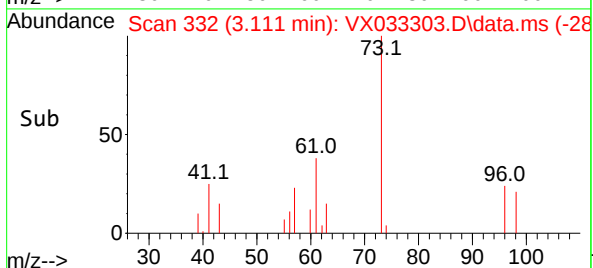
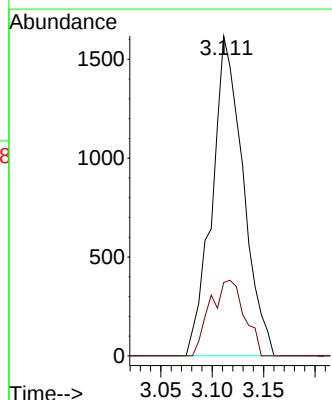
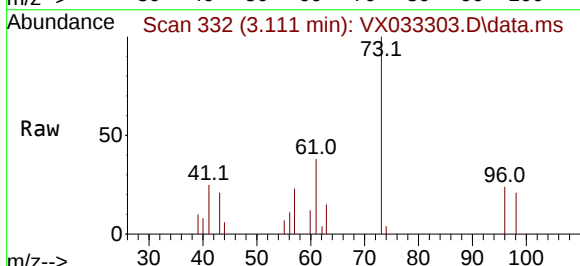
Acq: 07 Dec 2022 23:47

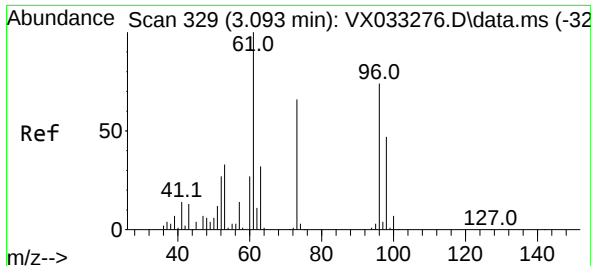
Tgt Ion: 73 Resp: 3403

Ion Ratio Lower Upper

73 100

57 22.9 16.6 25.0

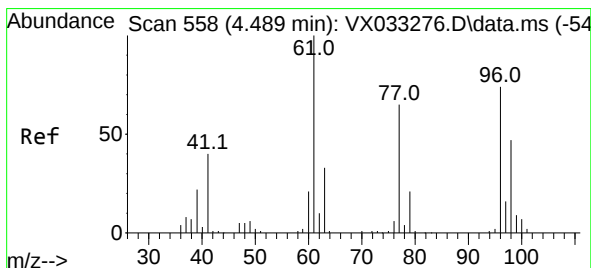
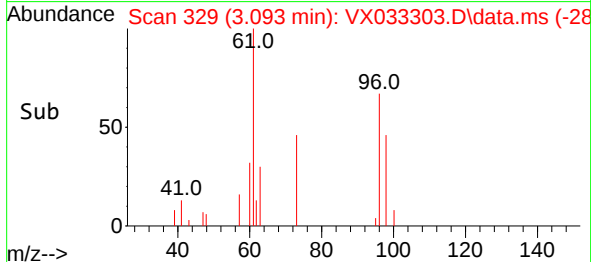
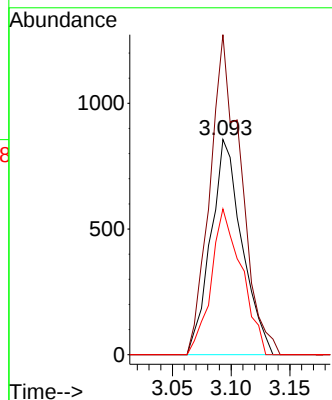
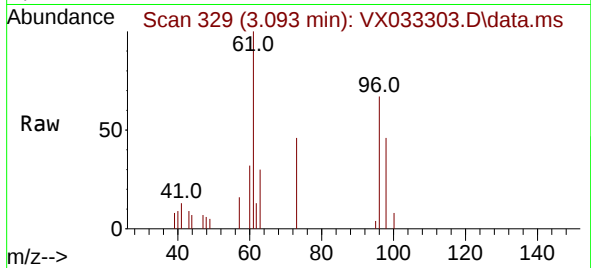




#21
trans-1,2-Dichloroethene
Concen: 1.133 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

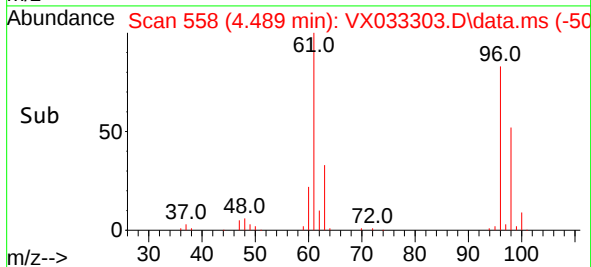
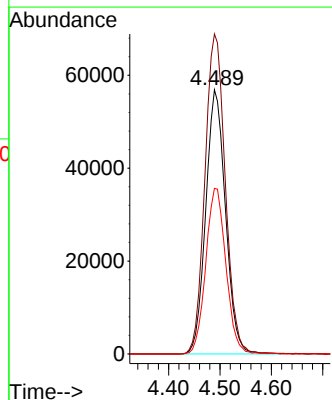
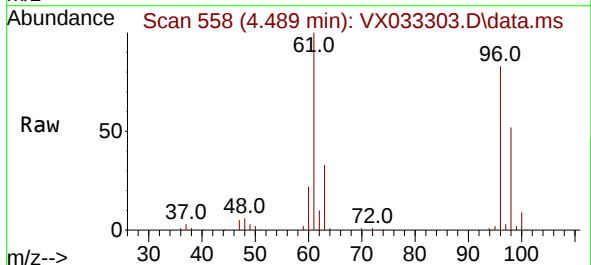
Instrument :
MSVOA_X
ClientSampleId :
MW-3RR

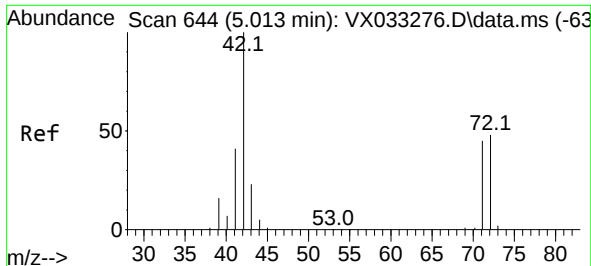
Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 148.7 106.6 160.0
98 67.8 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 90.803 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

Tgt Ion: 96 Resp: 151932
Ion Ratio Lower Upper
96 100
61 124.8 0.0 286.0
98 63.8 0.0 129.6





#29

Tetrahydrofuran

Concen: 1.802 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX033303.D

Acq: 07 Dec 2022 23:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3RR

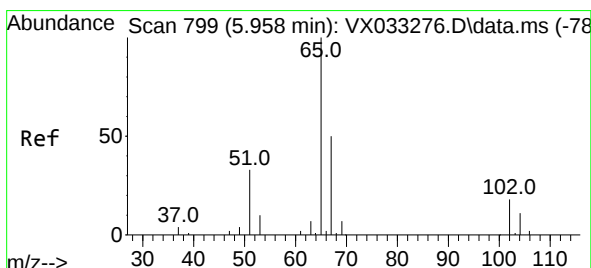
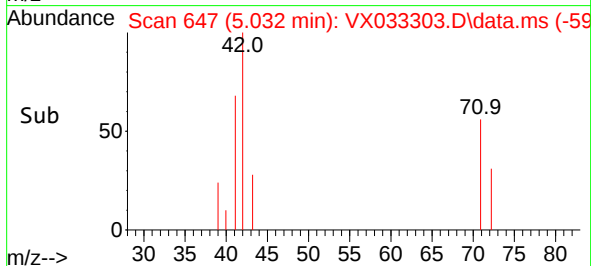
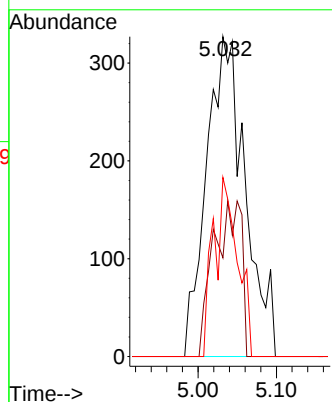
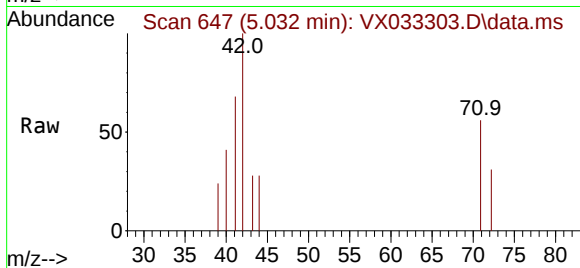
Tgt Ion: 42 Resp: 1123

Ion Ratio Lower Upper

42 100

72 35.0 37.6 56.4#

71 34.6 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 51.470 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033303.D

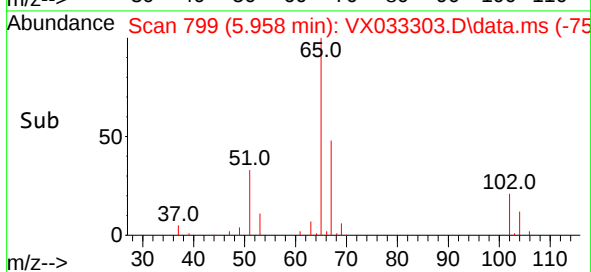
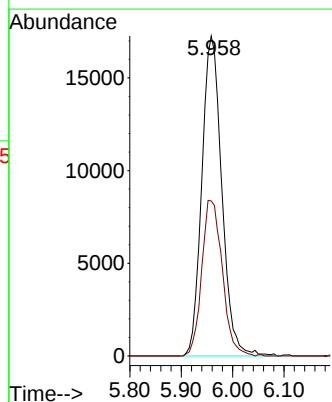
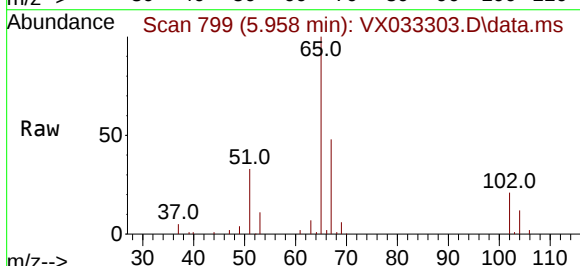
Acq: 07 Dec 2022 23:47

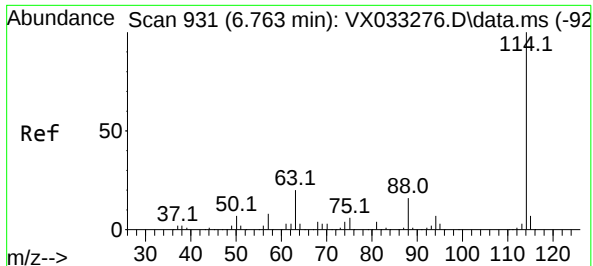
Tgt Ion: 65 Resp: 46616

Ion Ratio Lower Upper

65 100

67 50.0 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: VX033303.D

Acq: 07 Dec 2022 23:47

Instrument :

MSVOA_X

ClientSampleId :

MW-3RR

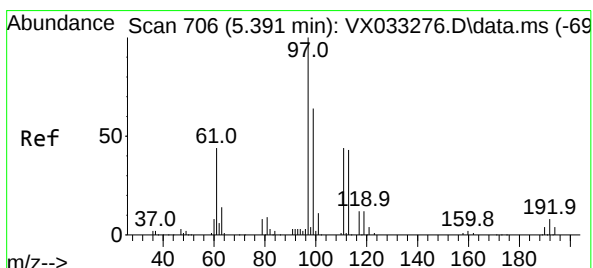
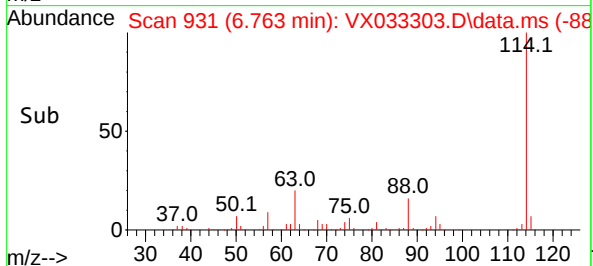
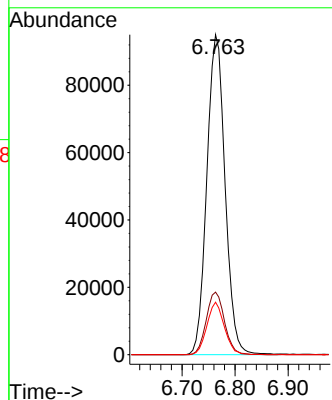
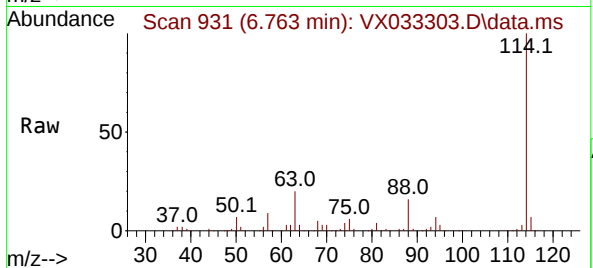
Tgt Ion:114 Resp: 227170

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 16.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.878 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033303.D

Acq: 07 Dec 2022 23:47

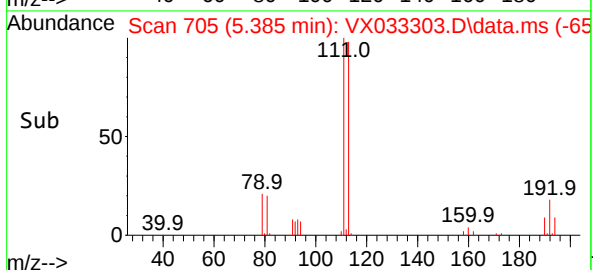
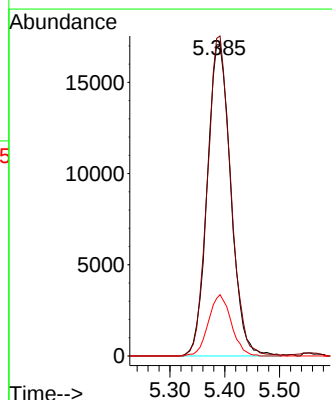
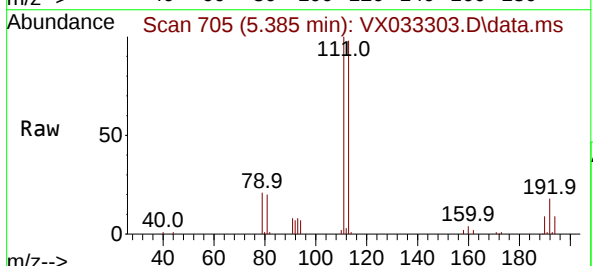
Tgt Ion:113 Resp: 50964

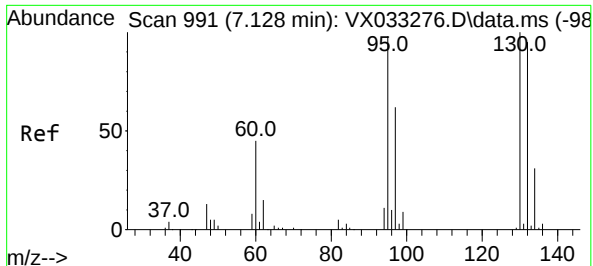
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 19.0 15.4 23.2

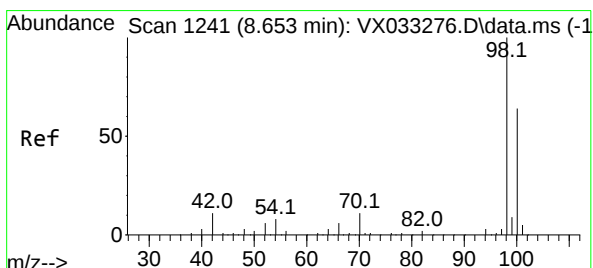
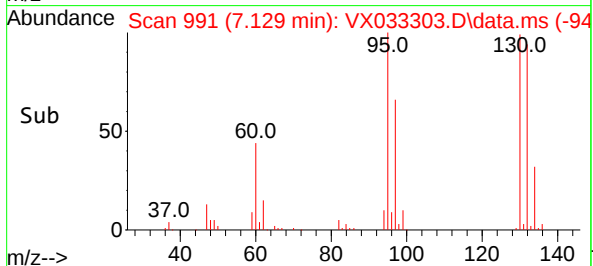
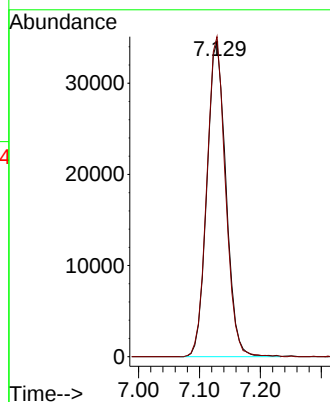
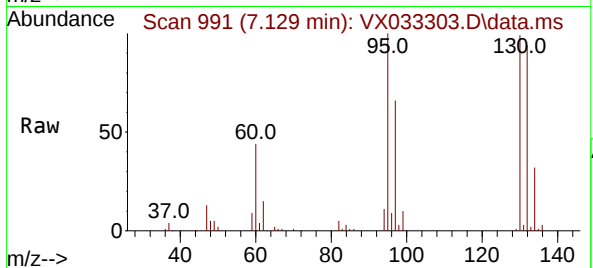




#44
Trichloroethene
Concen: 46.871 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

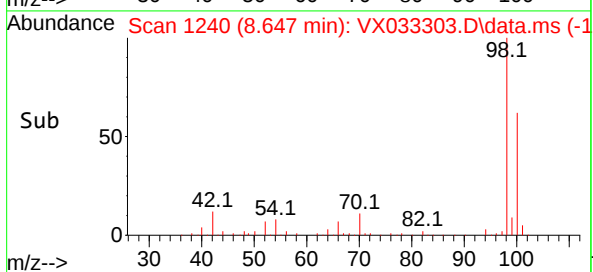
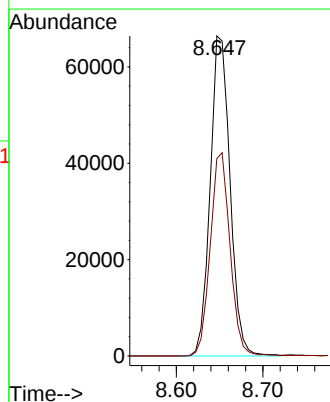
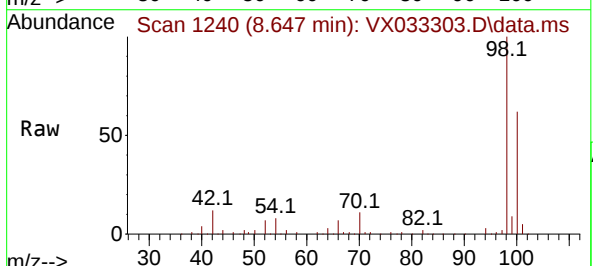
Instrument :
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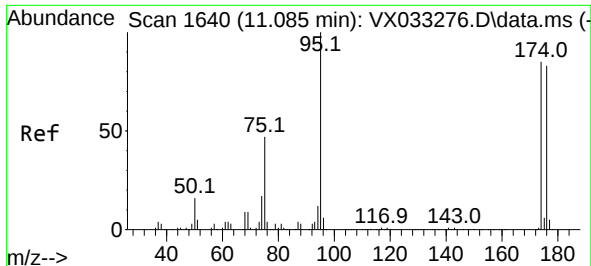
Tgt Ion:130 Resp: 75060
Ion Ratio Lower Upper
130 100
95 101.5 0.0 195.2



#50
Toluene-d8
Concen: 49.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

Tgt Ion: 98 Resp: 105797
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

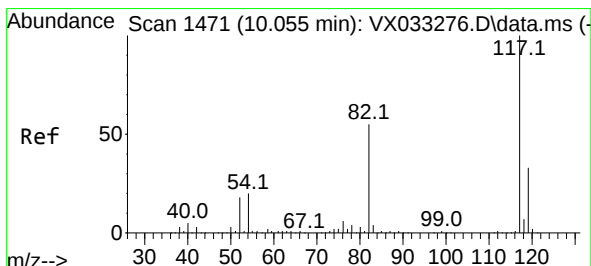
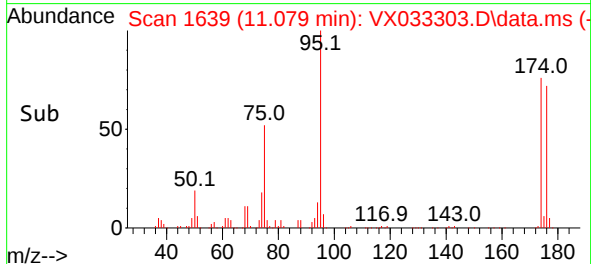
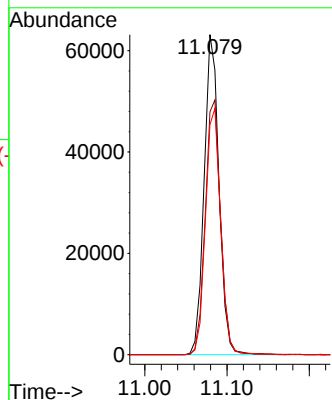
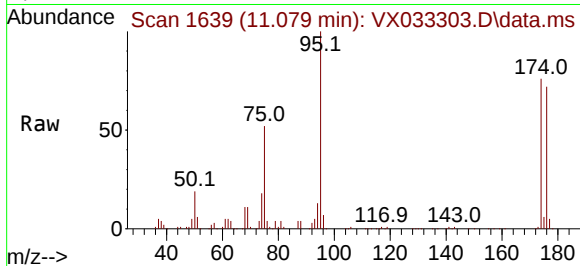




#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

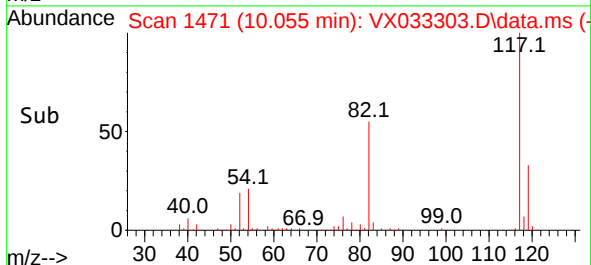
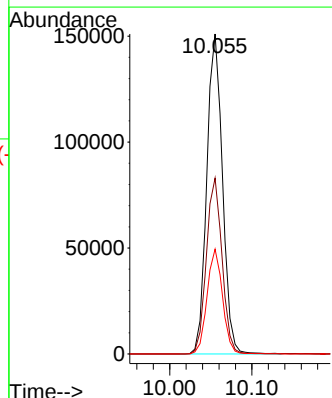
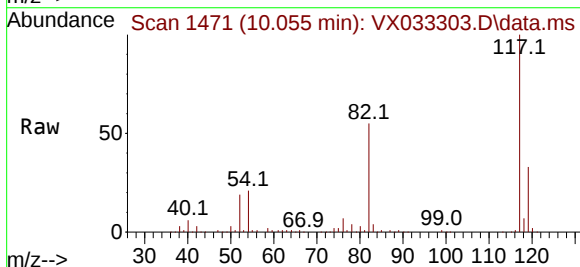
Instrument :
MSVOA_X
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MW-3RR

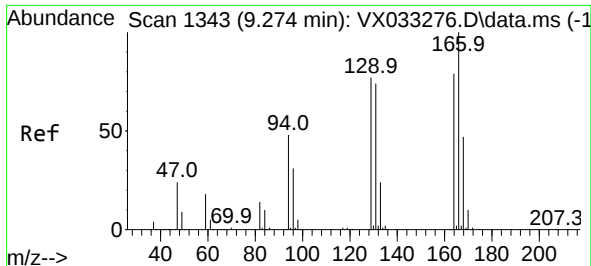
Tgt Ion: 95 Resp: 79420
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 78.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

Tgt Ion: 117 Resp: 200542
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.7 25.7 38.5

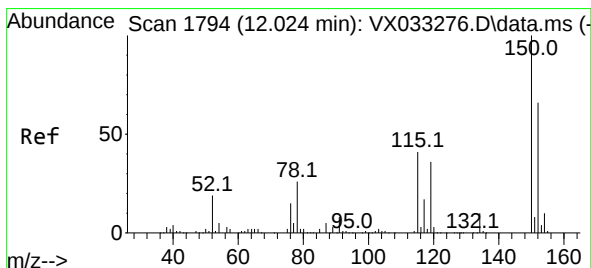
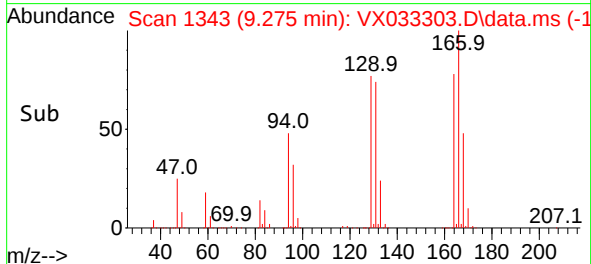
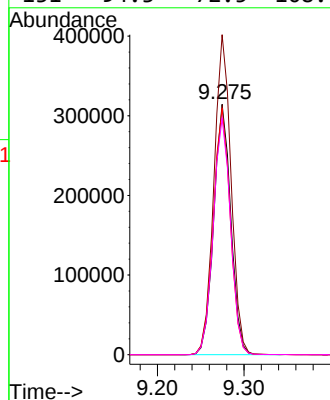
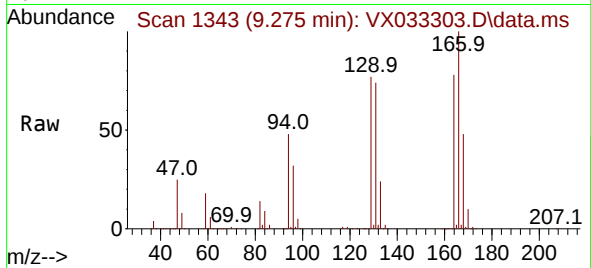




#64
Tetrachloroethene
Concen: 313.219 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033303.D
Acq: 07 Dec 2022 23:47

Instrument :
MSVOA_X
ClientSampleId :
MW-3RR

Tgt Ion:164 Resp: 429514
Ion Ratio Lower Upper
164 100
166 127.8 105.4 158.2
129 98.3 78.2 117.2
131 94.3 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: VX033303.D
Acq: 07 Dec 2022 23:47

Tgt Ion:152 Resp: 92503
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 155.5 0.0 351.8

