

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033306.D
 Acq On : 08 Dec 2022 00:56
 Operator : JC/MD
 Sample : N5906-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Dec 08 01:46:17 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)

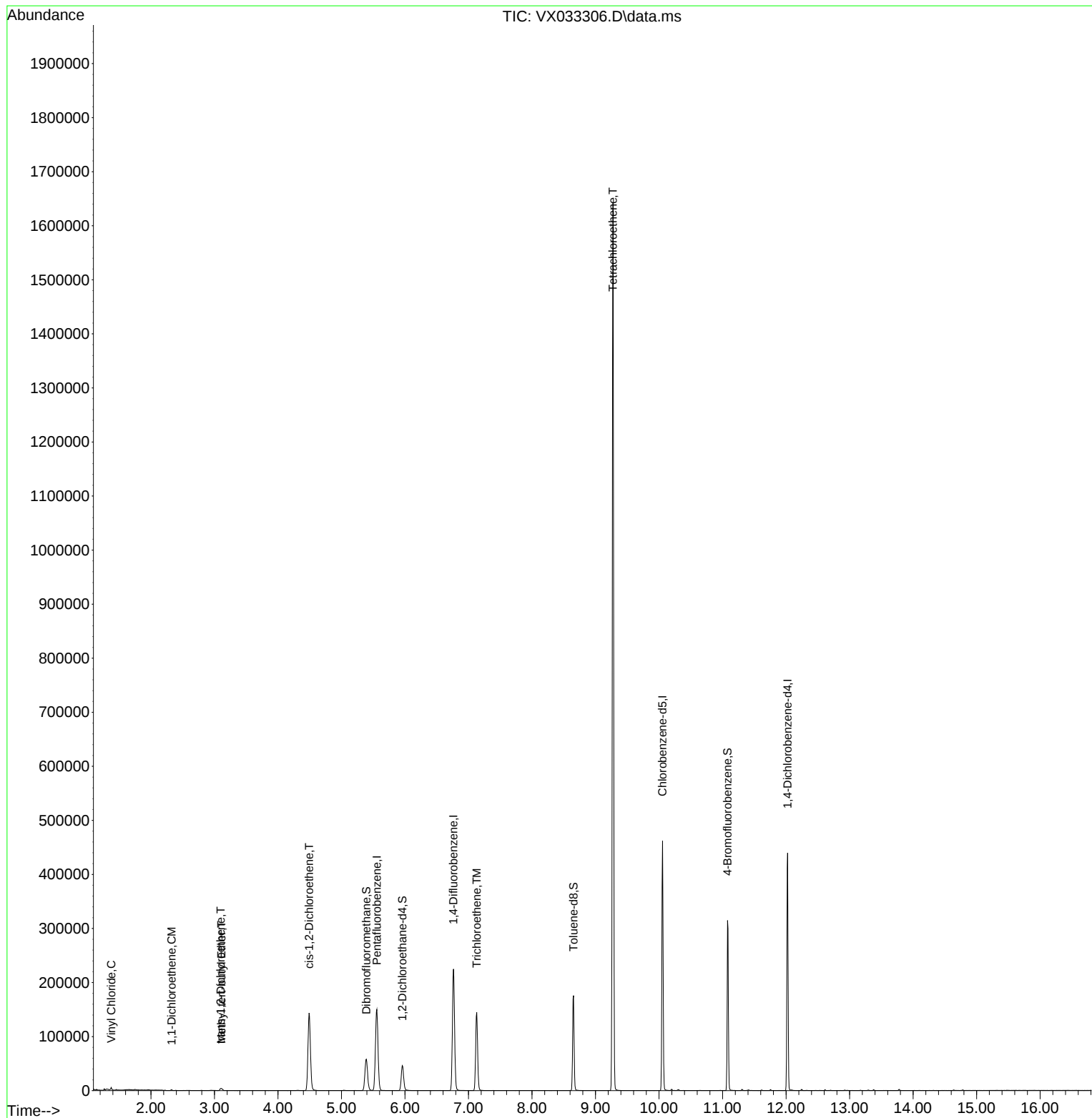
Internal Standards						
1) Pentafluorobenzene	5.556	168	143458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48264	52.442	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.880%	
35) Dibromofluoromethane	5.391	113	51741	49.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.780%	
50) Toluene-d8	8.653	98	109220	49.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	11.079	95	82702	49.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2329	1.760	ug/l #	71
12) 1,1-Dichloroethene	2.325	96	523	0.402	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	2912	0.646	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	925	0.650	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	91807	53.996	ug/l	89
44) Trichloroethene	7.129	130	55974	34.092	ug/l	97
64) Tetrachloroethene	9.275	164	295611	209.106	ug/l	98

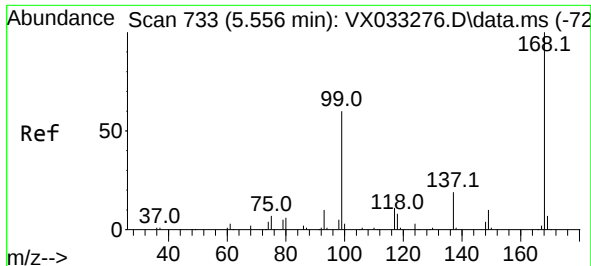
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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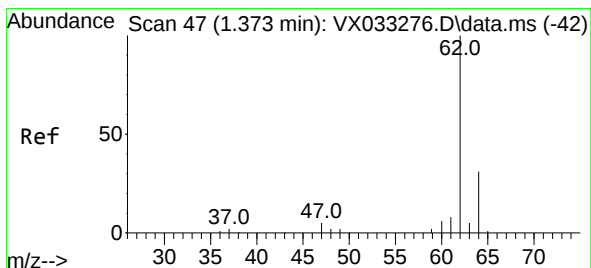
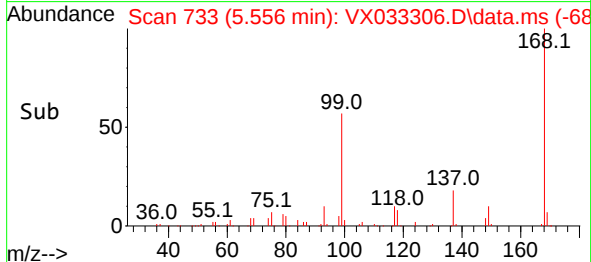
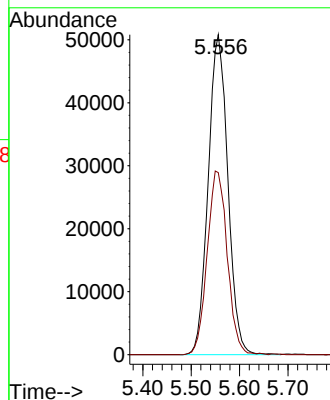
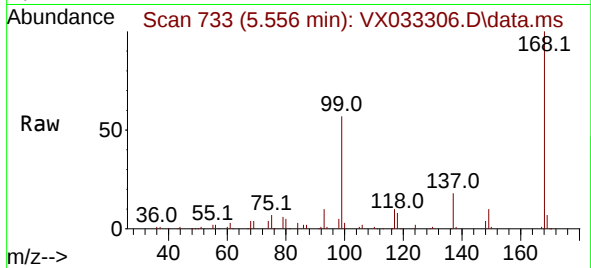




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

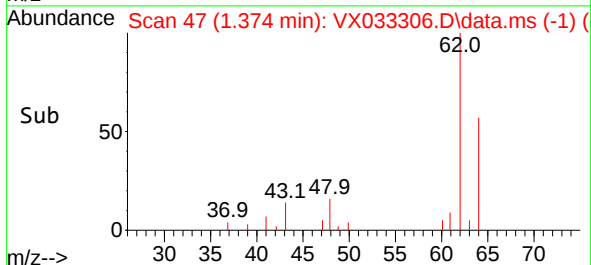
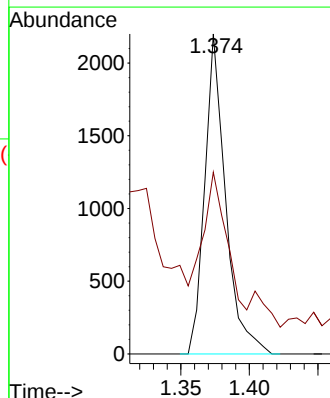
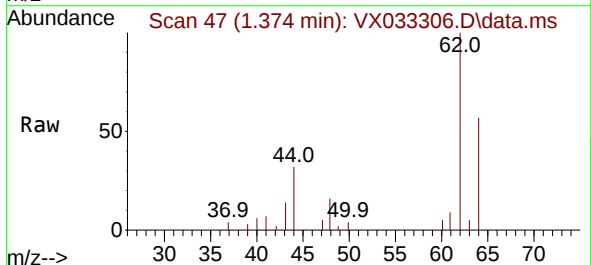
Instrument :
MSVOA_X
ClientSampleId :
MW-28

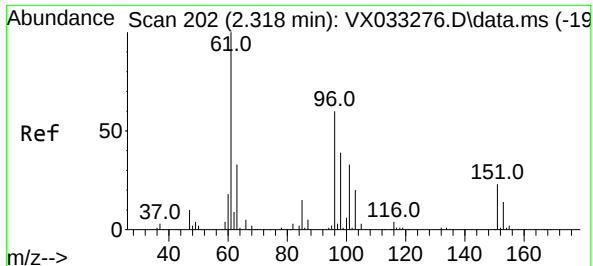
Tgt Ion:168 Resp: 143458
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#4
Vinyl Chloride
Concen: 1.760 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

Tgt Ion: 62 Resp: 2329
Ion Ratio Lower Upper
62 100
64 48.5 25.8 38.6#





#12

1,1-Dichloroethene

Concen: 0.402 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX033306.D

Acq: 08 Dec 2022 00:56

Instrument :

MSVOA_X

ClientSampleId :

MW-28

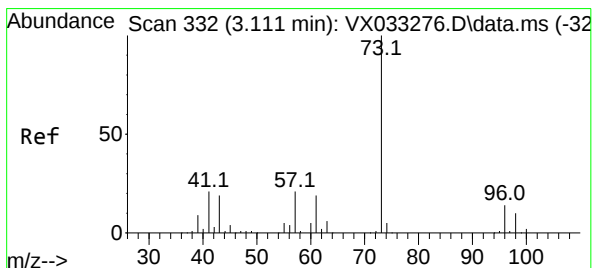
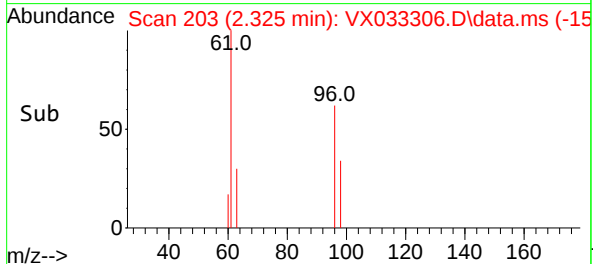
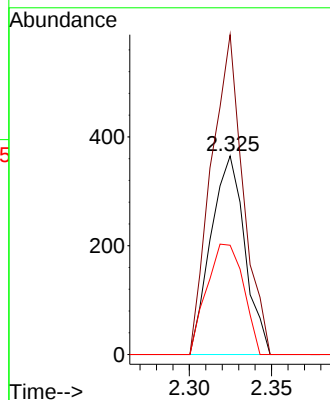
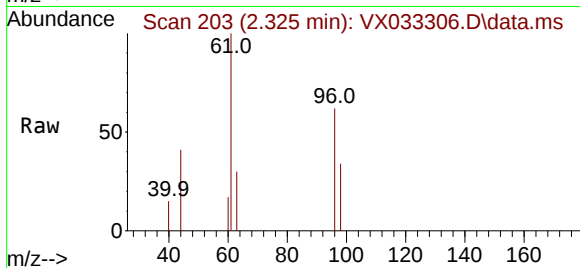
Tgt Ion: 96 Resp: 523

Ion Ratio Lower Upper

96 100

61 161.1 125.1 187.7

98 55.1 50.6 76.0



#19

Methyl tert-butyl Ether

Concen: 0.646 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX033306.D

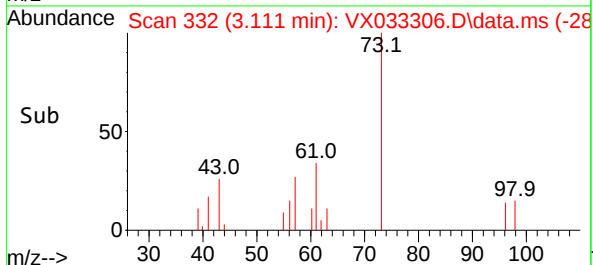
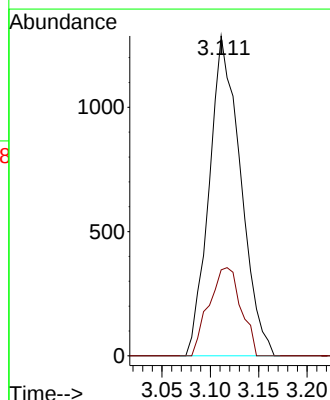
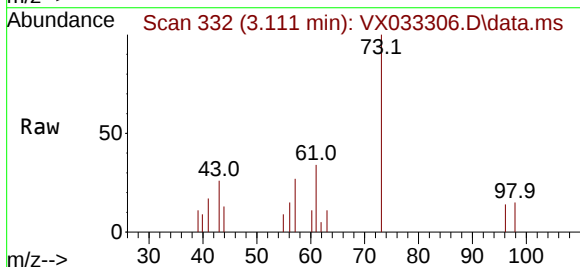
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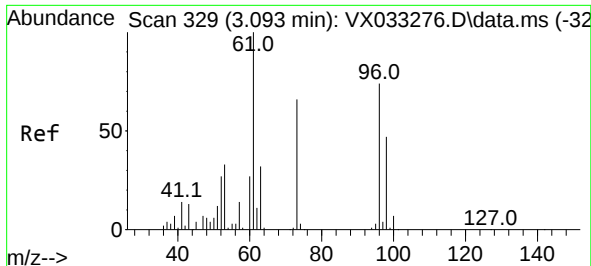
Tgt Ion: 73 Resp: 2912

Ion Ratio Lower Upper

73 100

57 26.9 16.6 25.0#

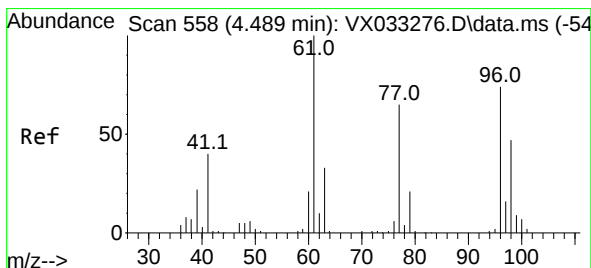
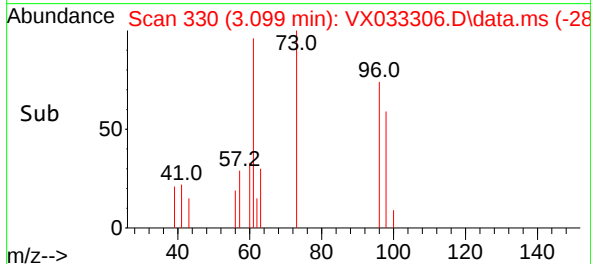
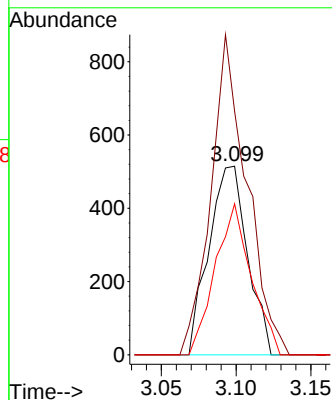
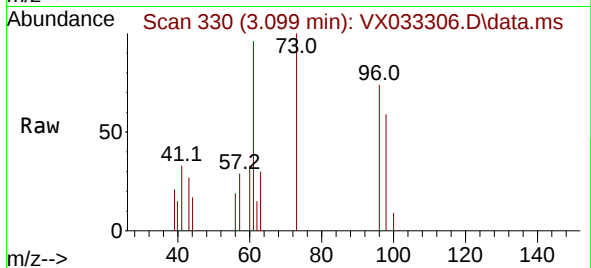




#21
trans-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

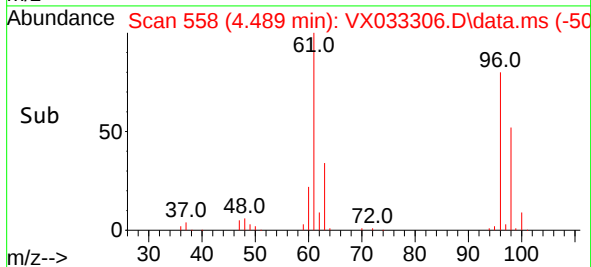
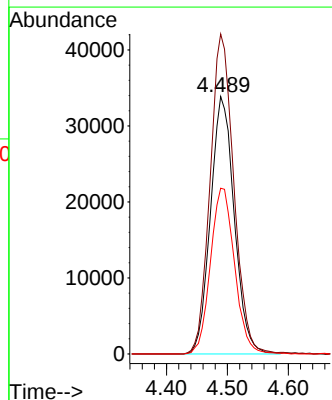
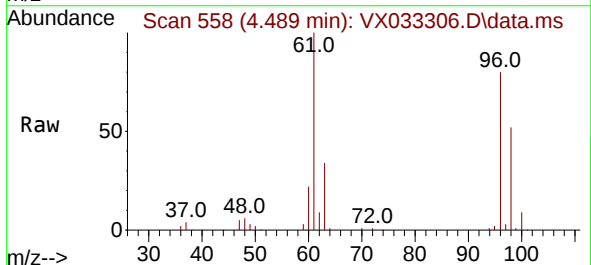
Instrument :
MSVOA_X
ClientSampleId :
MW-28

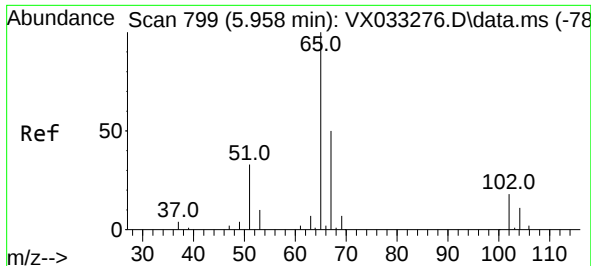
Tgt Ion: 96 Resp: 925
Ion Ratio Lower Upper
96 100
61 129.1 106.6 160.0
98 80.0 51.0 76.6#



#27
cis-1,2-Dichloroethene
Concen: 53.996 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

Tgt Ion: 96 Resp: 91807
Ion Ratio Lower Upper
96 100
61 124.1 0.0 286.0
98 65.3 0.0 129.6

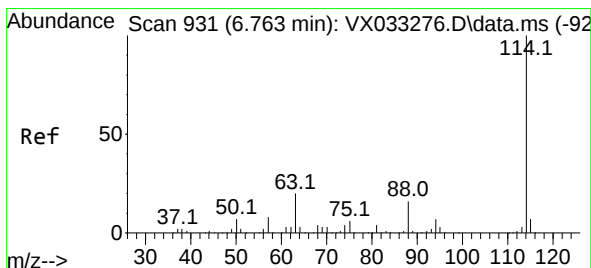
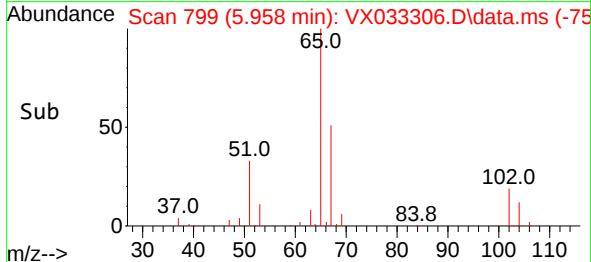
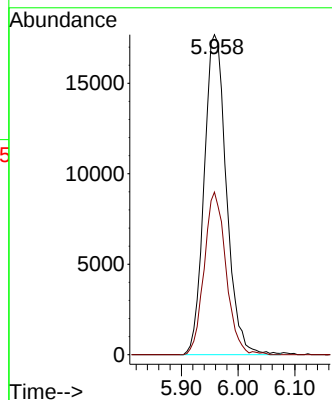
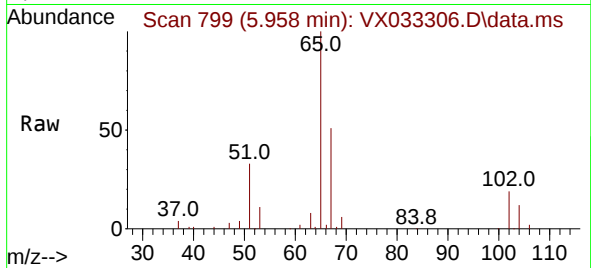




#33
 1,2-Dichloroethane-d4
 Concen: 52.442 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033306.D
 Acq: 08 Dec 2022 00:56

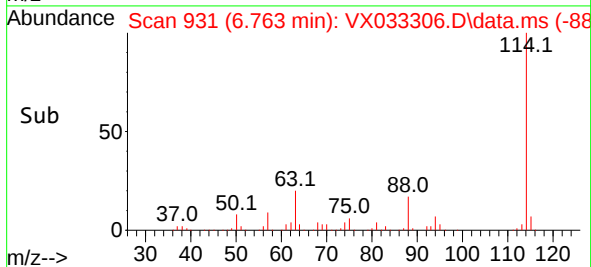
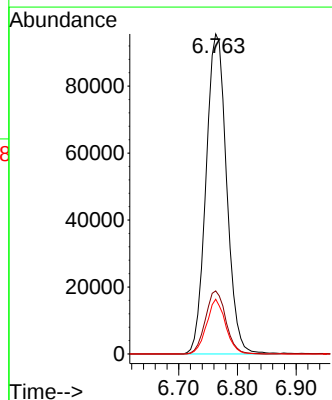
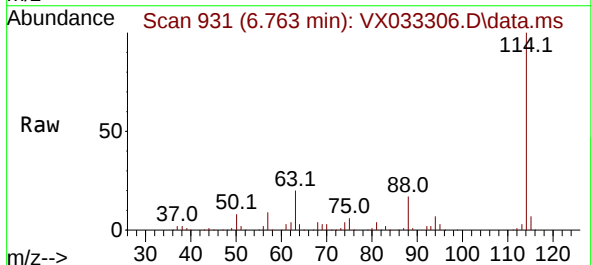
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

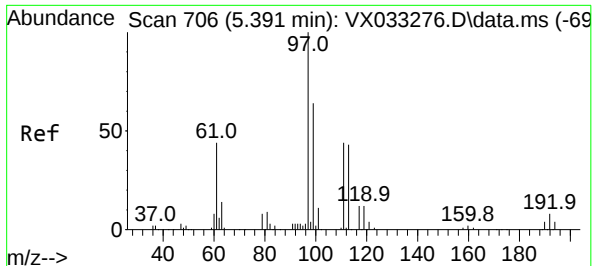
Tgt Ion: 65 Resp: 48264
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033306.D
 Acq: 08 Dec 2022 00:56

Tgt Ion: 114 Resp: 232909
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.391 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033306.D

Acq: 08 Dec 2022 00:56

Instrument :

MSVOA_X

ClientSampleId :

MW-28

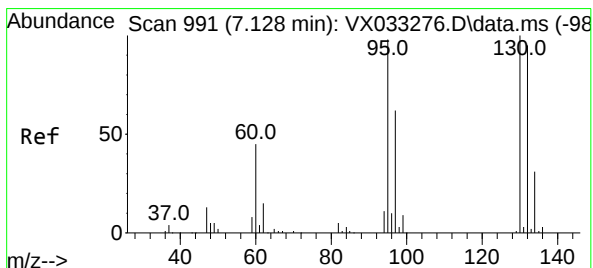
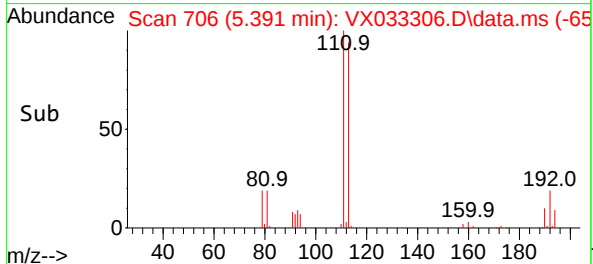
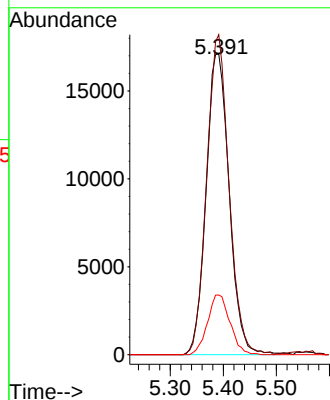
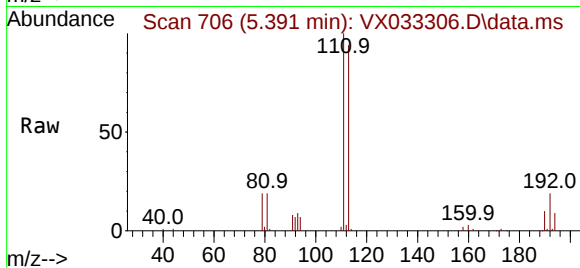
Tgt Ion:113 Resp: 51741

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 19.3 15.4 23.2



#44

Trichloroethene

Concen: 34.092 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033306.D

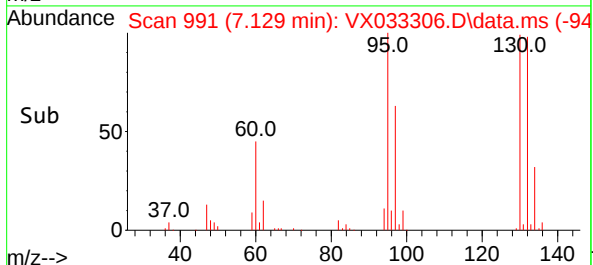
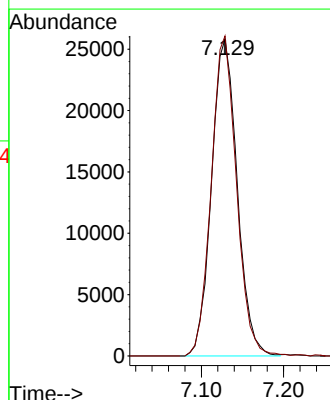
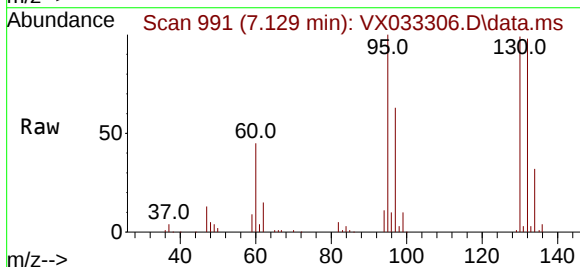
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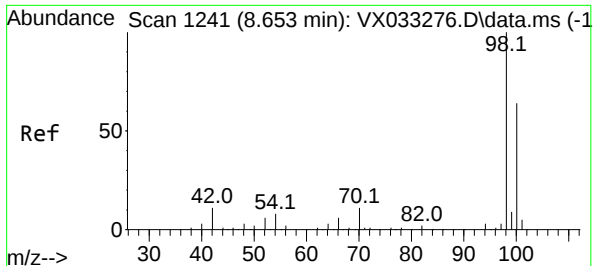
Tgt Ion:130 Resp: 55974

Ion Ratio Lower Upper

130 100

95 100.9 0.0 195.2

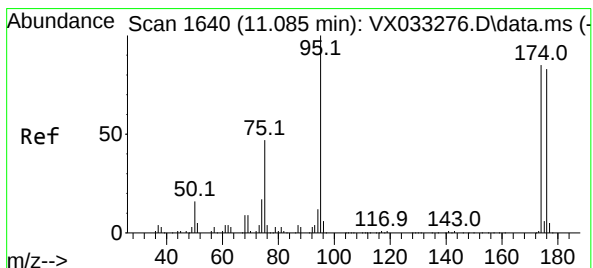
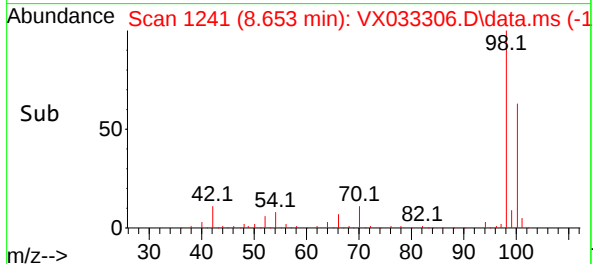
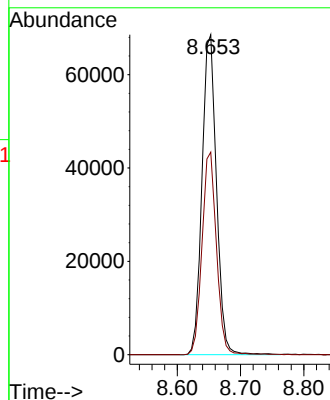
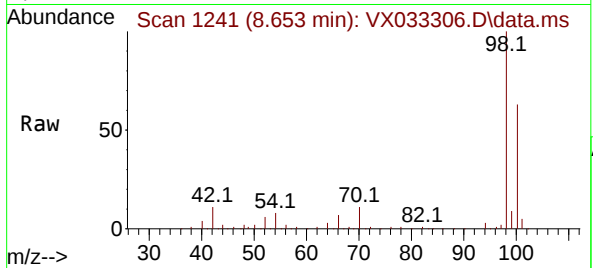




#50
Toluene-d8
Concen: 49.838 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

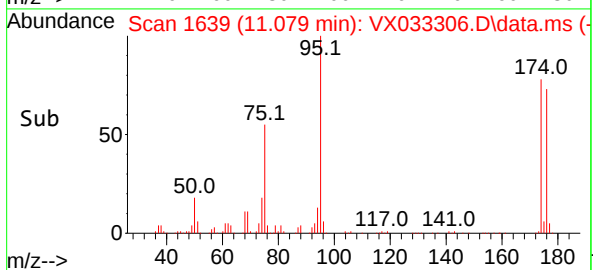
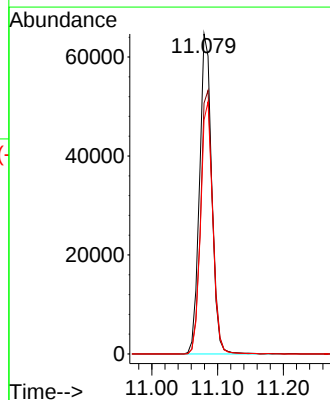
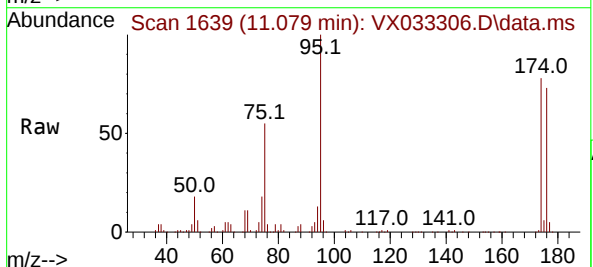
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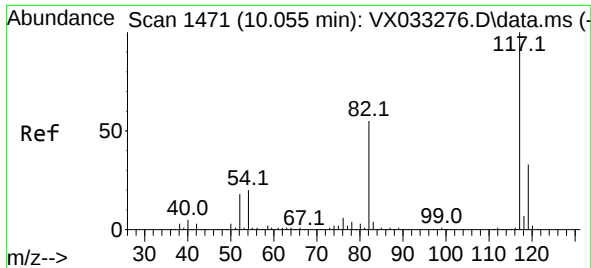
Tgt Ion: 98 Resp: 109220
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

Tgt Ion: 95 Resp: 82702
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 78.4 0.0 154.4

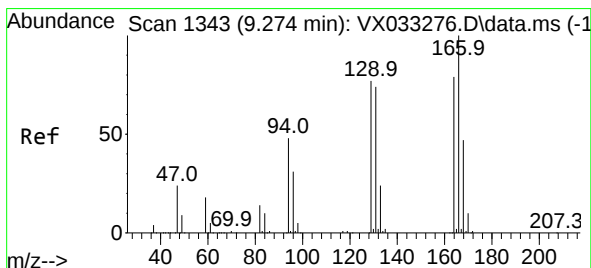
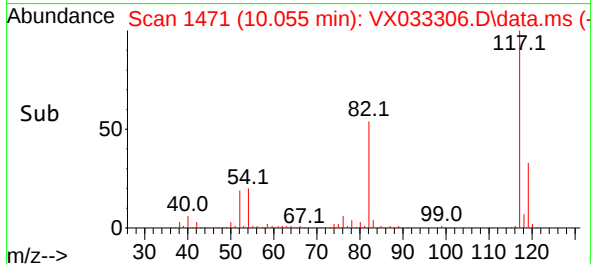
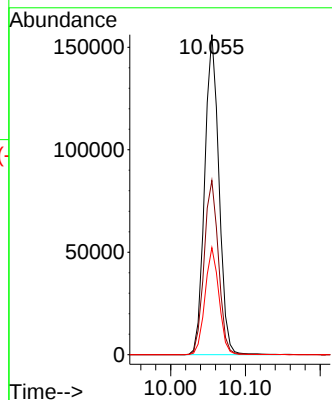
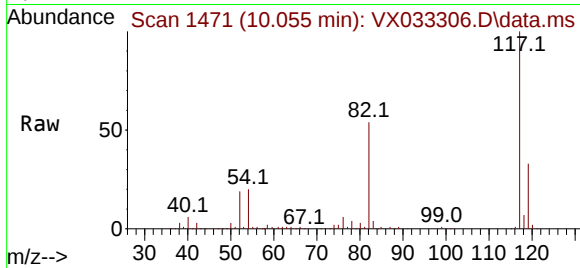




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

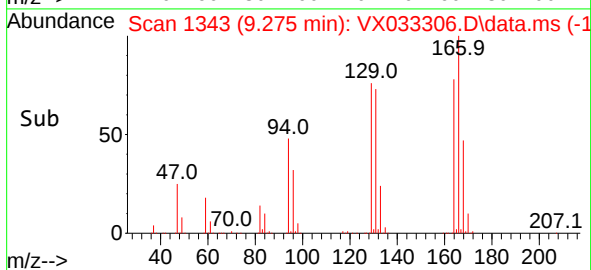
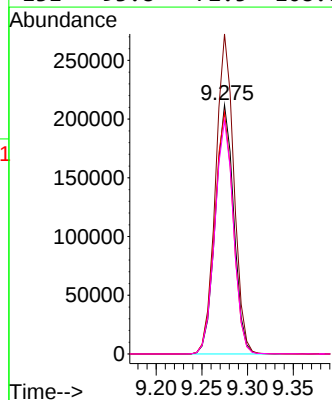
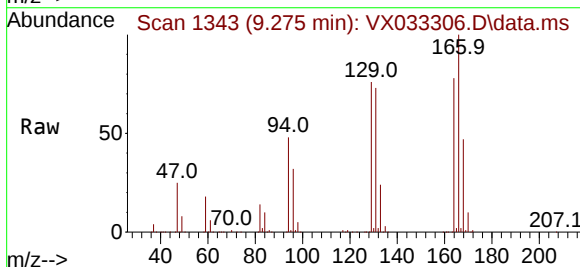
Instrument :
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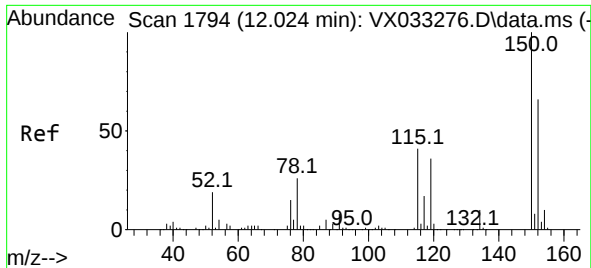
Tgt Ion:117 Resp: 206743
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 33.5 25.7 38.5



#64
Tetrachloroethene
Concen: 209.106 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033306.D
Acq: 08 Dec 2022 00:56

Tgt Ion:164 Resp: 295611
Ion Ratio Lower Upper
164 100
166 128.6 105.4 158.2
129 97.2 78.2 117.2
131 93.8 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033306.D
 Acq: 08 Dec 2022 00:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Tgt Ion:152 Resp: 94461
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.0 132.0
 150 155.6 0.0 351.8

