

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038533.D
 Acq On : 26 Oct 2023 21:11
 Operator : JC/MD
 Sample : 05063-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04

Quant Time: Oct 27 05:23:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

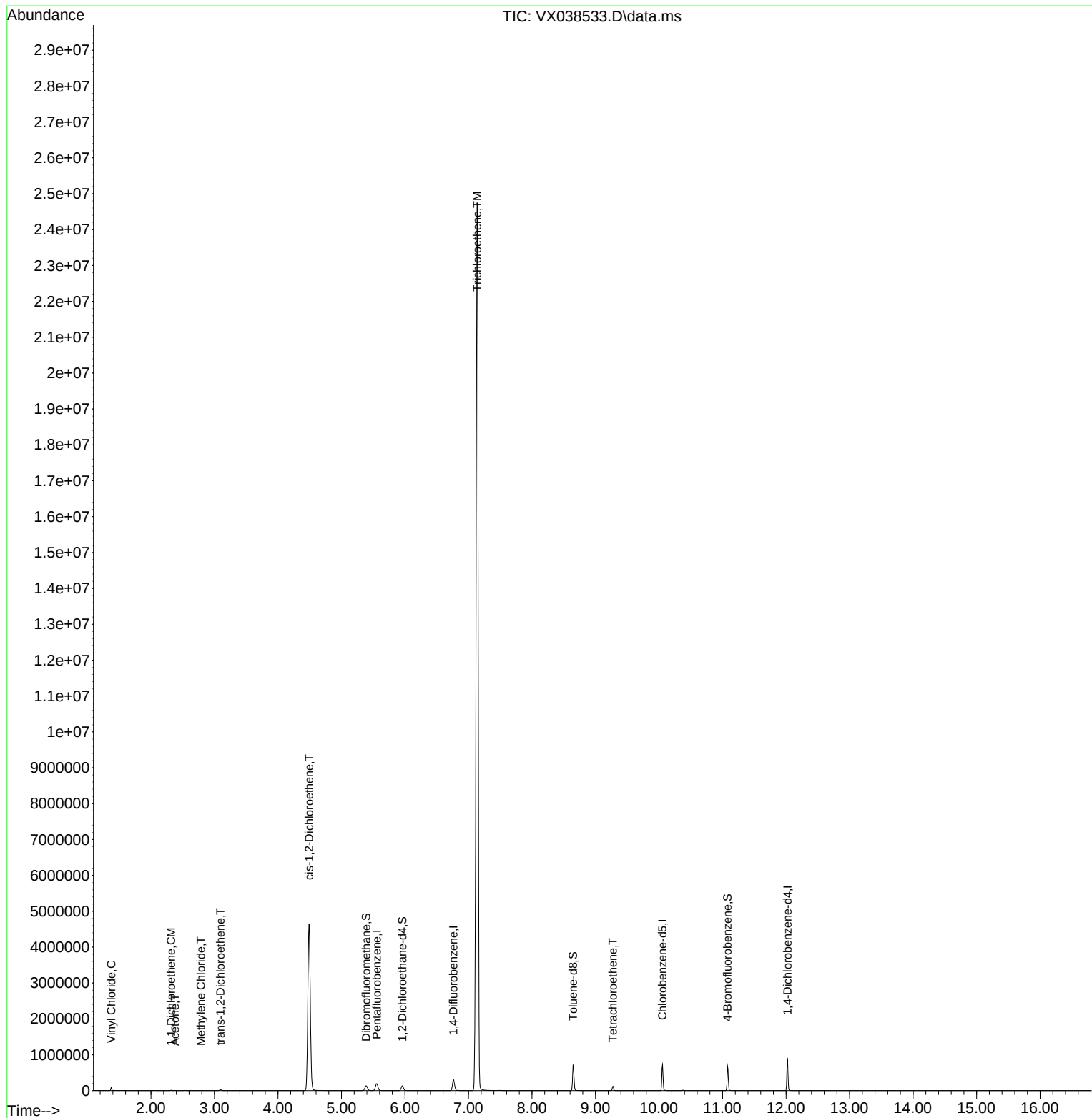
Internal Standards						
1) Pentafluorobenzene	5.556	168	194689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	328973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129640	41.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.800%
35) Dibromofluoromethane	5.385	113	117632	49.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	8.647	98	434063	47.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	177939	51.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.640%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	51450	24.227	ug/l	99
12) 1,1-Dichloroethene	2.319	96	3944	2.214	ug/l	# 79
16) Acetone	2.380	43	2625	2.009	ug/l	95
20) Methylene Chloride	2.788	84	1268	0.516	ug/l	# 90
21) trans-1,2-Dichloroethene	3.093	96	12271	5.564	ug/l	# 82
27) cis-1,2-Dichloroethene	4.489	96	3002030	1142.927	ug/l	76
44) Trichloroethene	7.135	130	10163208	4250.099	ug/l	91
64) Tetrachloroethene	9.275	164	22152	9.980	ug/l	96

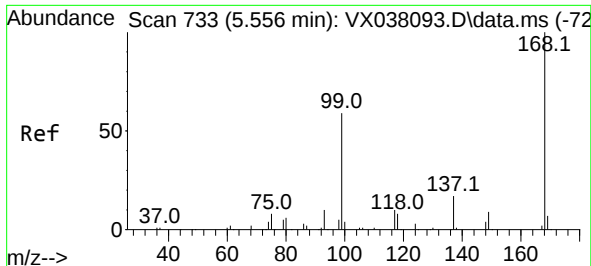
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

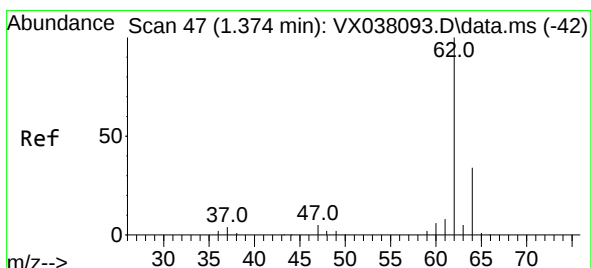
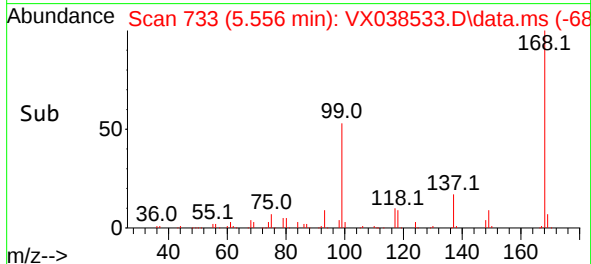
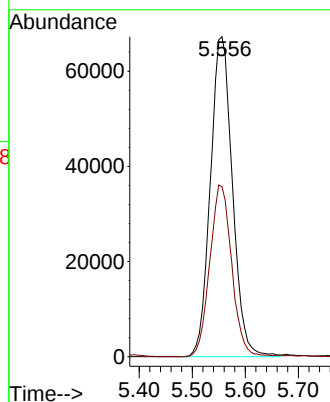
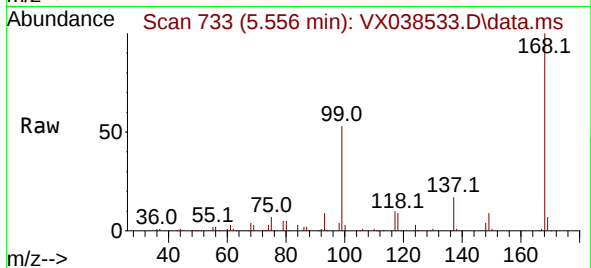




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

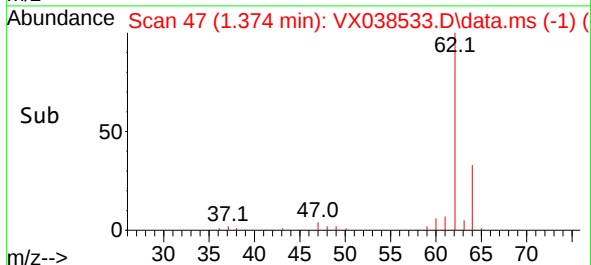
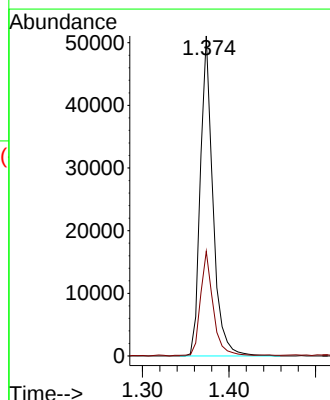
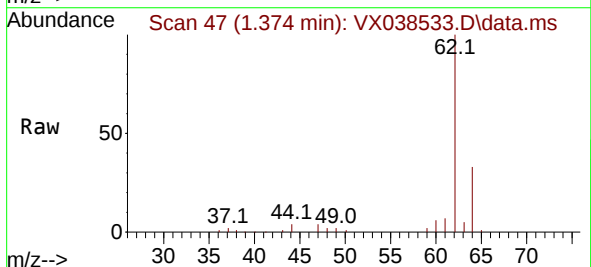
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04

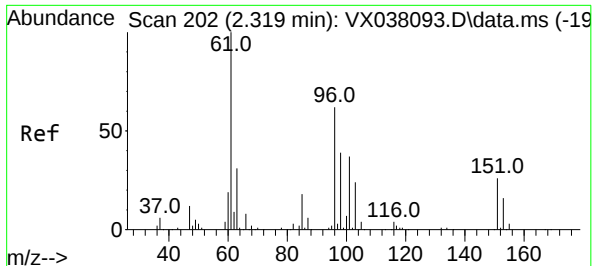
Tgt Ion:168 Resp: 194689
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#



#4
Vinyl Chloride
Concen: 24.227 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Tgt Ion: 62 Resp: 51450
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#12

1,1-Dichloroethene

Concen: 2.214 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038533.D

Acq: 26 Oct 2023 21:11

Instrument :

MSVOA_X

ClientSampleId :

22-MW-04

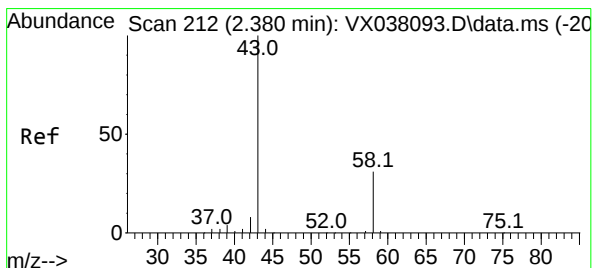
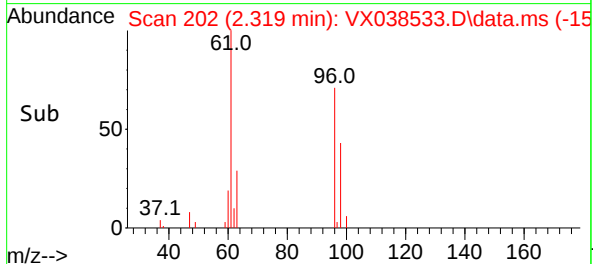
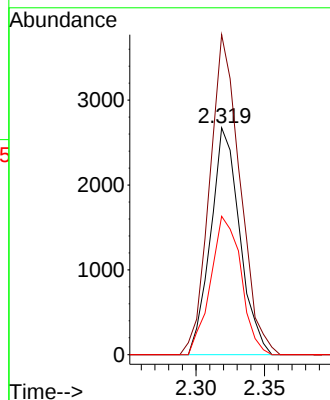
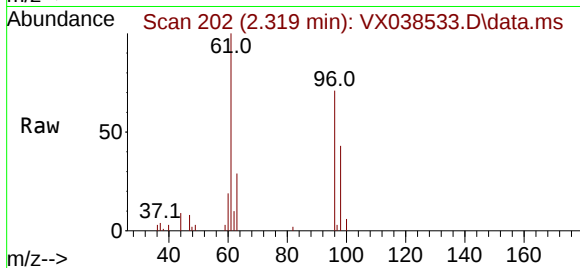
Tgt Ion: 96 Resp: 3944

Ion Ratio Lower Upper

96 100

61 141.1 144.6 216.8#

98 61.0 50.4 75.6



#16

Acetone

Concen: 2.009 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038533.D

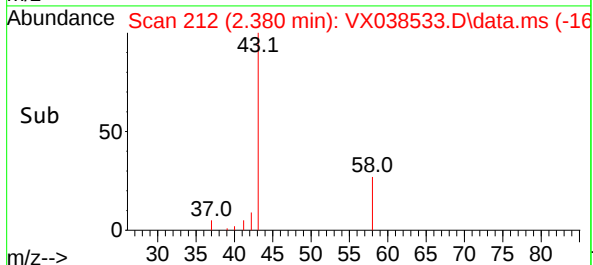
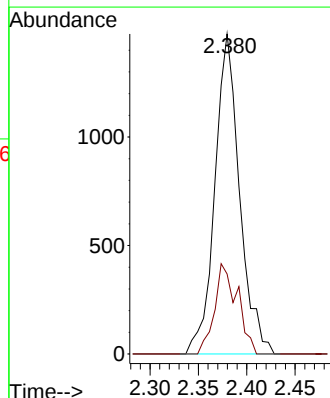
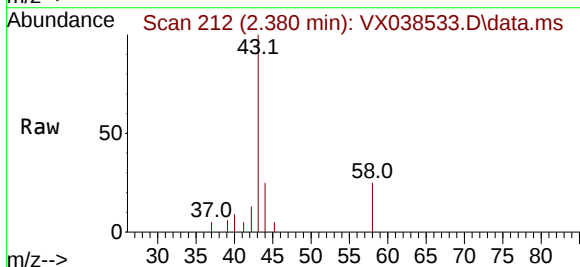
Acq: 26 Oct 2023 21:11

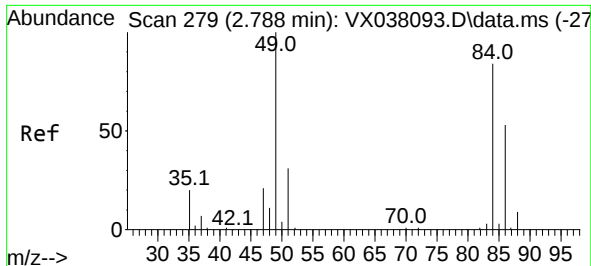
Tgt Ion: 43 Resp: 2625

Ion Ratio Lower Upper

43 100

58 25.0 21.9 32.9



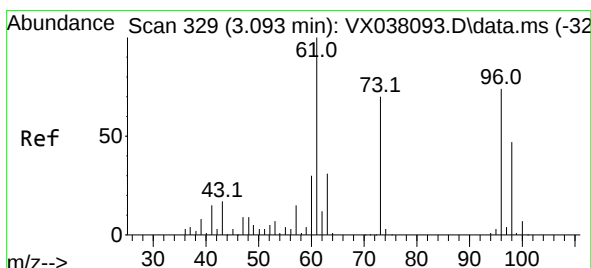
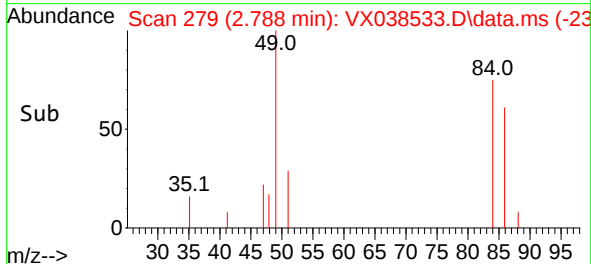
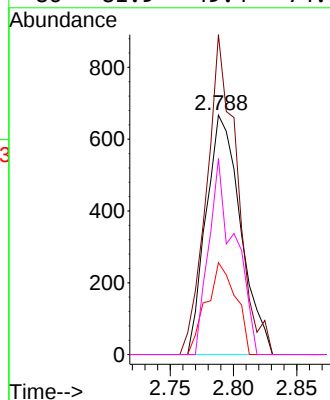
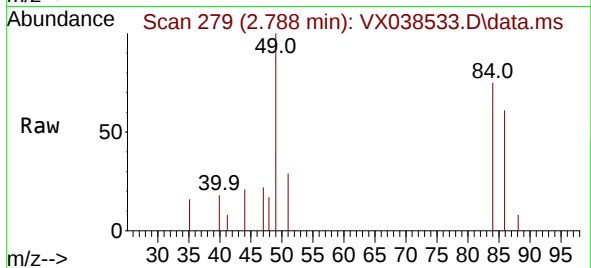


#20
Methylene Chloride
Concen: 0.516 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Instrument :
MSVOA_X
ClientSampleId :
22-MW-04

Tgt Ion: 84 Resp: 1268

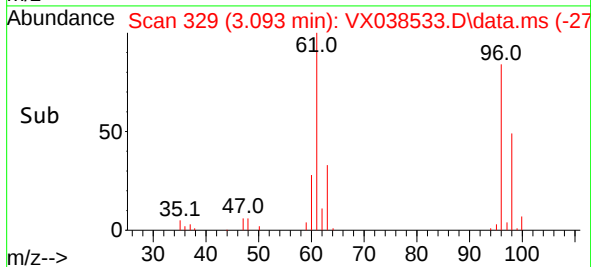
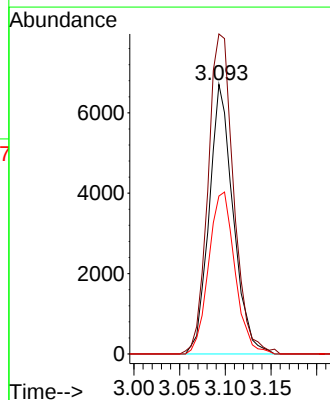
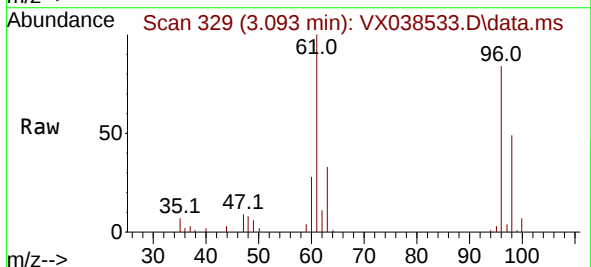
Ion	Ratio	Lower	Upper
84	100		
49	133.6	103.6	155.4
51	38.4	33.8	50.6
86	81.9	49.4	74.0

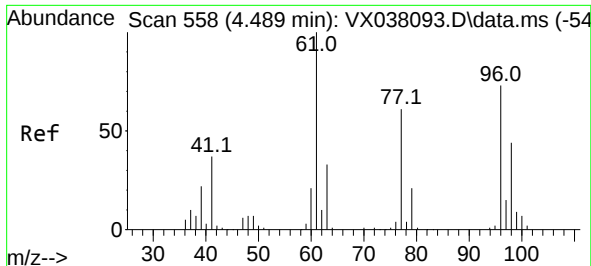


#21
trans-1,2-Dichloroethene
Concen: 5.564 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Tgt Ion: 96 Resp: 12271

Ion	Ratio	Lower	Upper
96	100		
61	118.7	119.2	178.8
98	58.6	48.7	73.1



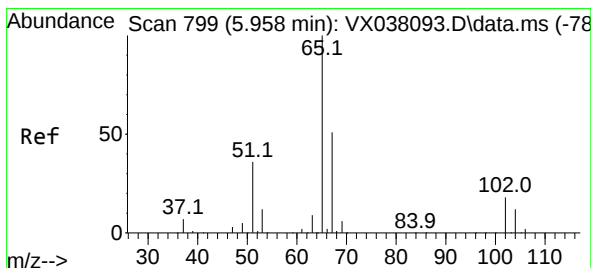
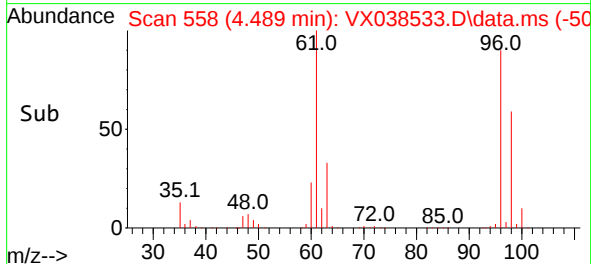
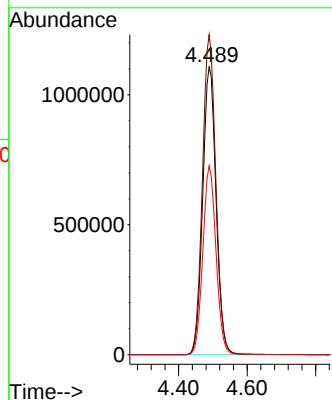
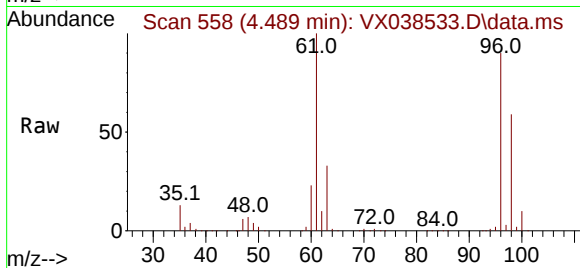


#27
 cis-1,2-Dichloroethene
 Concen: 1142.927 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038533.D
 Acq: 26 Oct 2023 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04

Tgt Ion: 96 Resp: 3002030

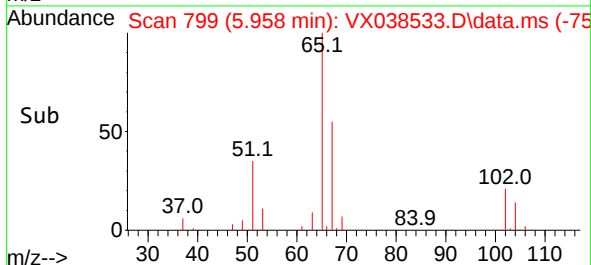
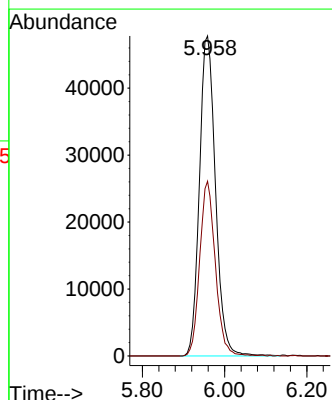
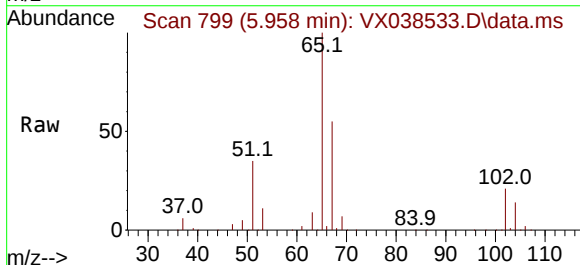
Ion	Ratio	Lower	Upper
96	100		
61	111.9	0.0	312.2
98	64.9	0.0	129.0

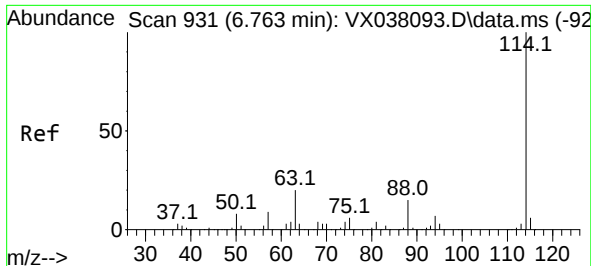


#33
 1,2-Dichloroethane-d4
 Concen: 41.399 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038533.D
 Acq: 26 Oct 2023 21:11

Tgt Ion: 65 Resp: 129640

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	100.2

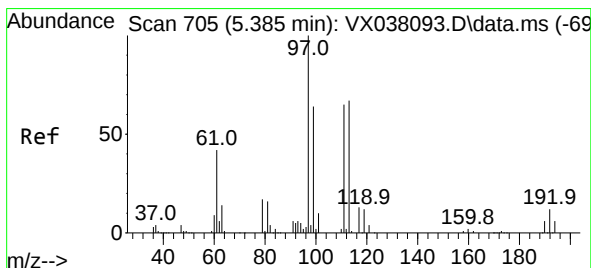
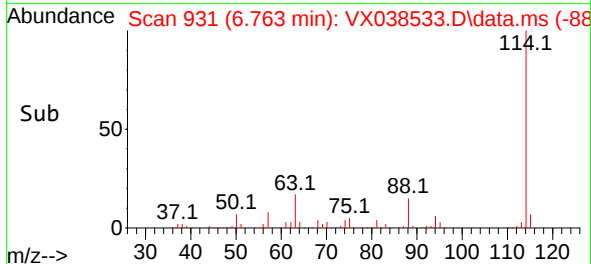
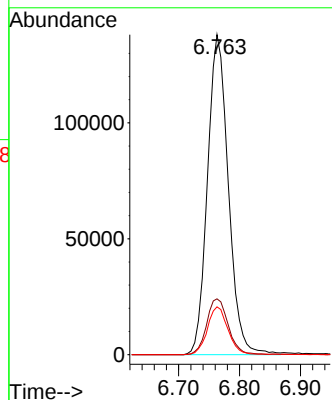
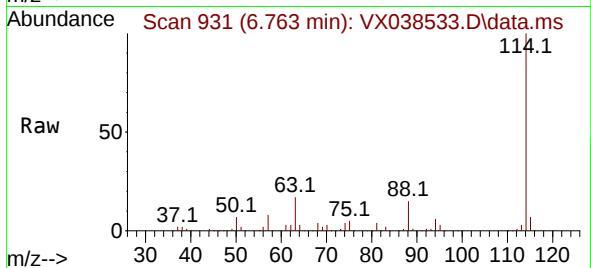




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

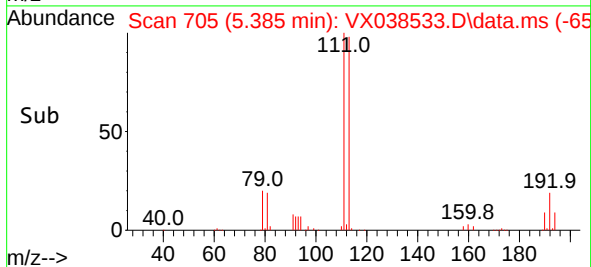
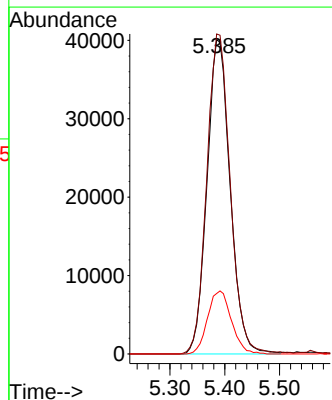
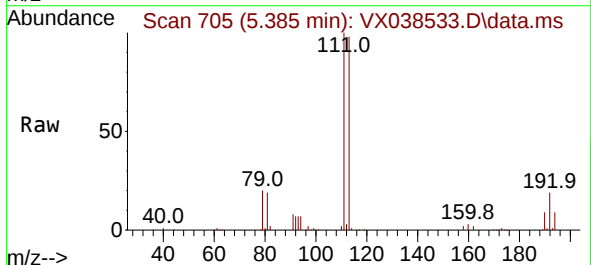
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04

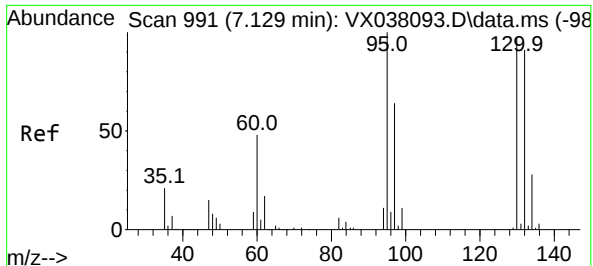
Tgt Ion:114 Resp: 328973
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Tgt Ion:113 Resp: 117632
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 20.6 13.3 19.9#

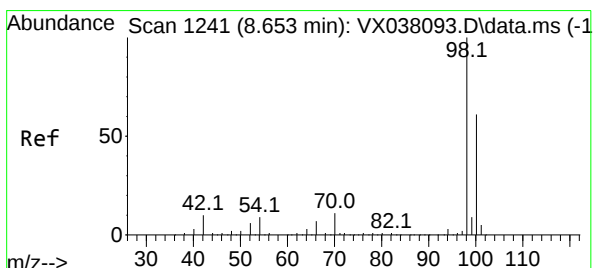
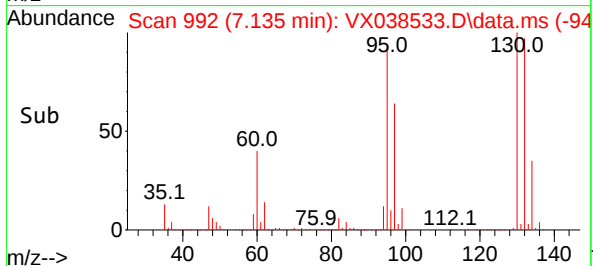
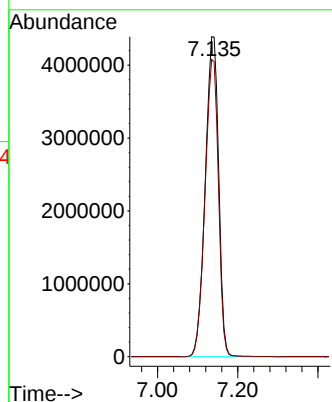
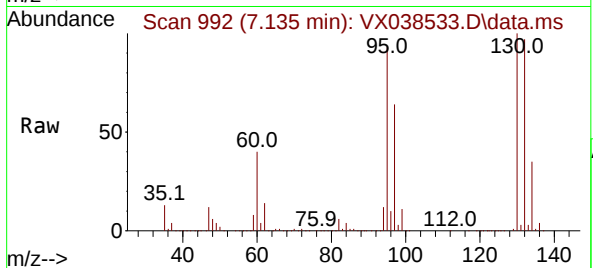




#44
Trichloroethene
Concen: 4250.099 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

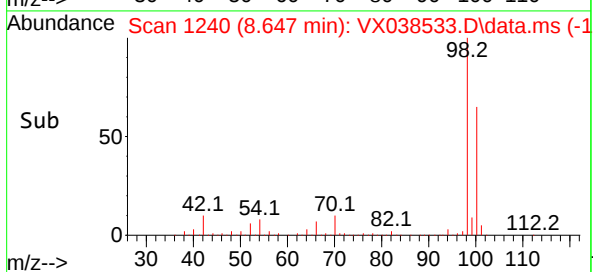
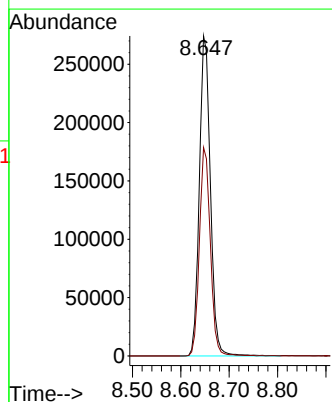
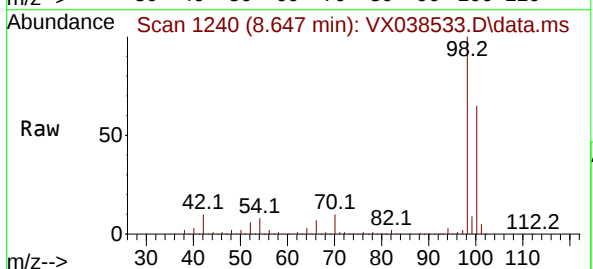
Instrument :
MSVOA_X
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22-MW-04

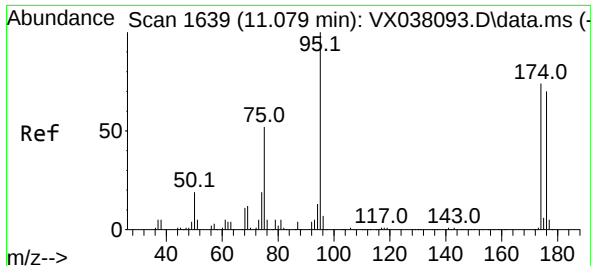
Tgt Ion:130 Resp:10163208
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.4



#50
Toluene-d8
Concen: 47.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Tgt Ion: 98 Resp: 434063
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.816 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038533.D

Acq: 26 Oct 2023 21:11

Instrument :

MSVOA_X

ClientSampleId :

22-MW-04

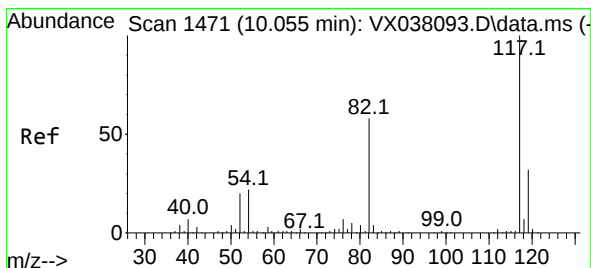
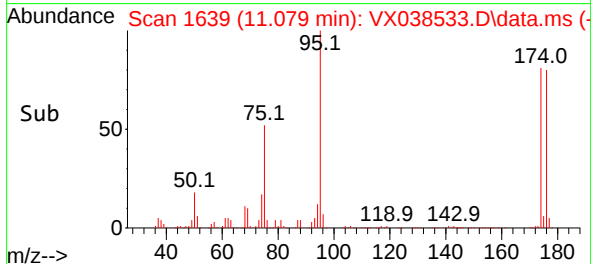
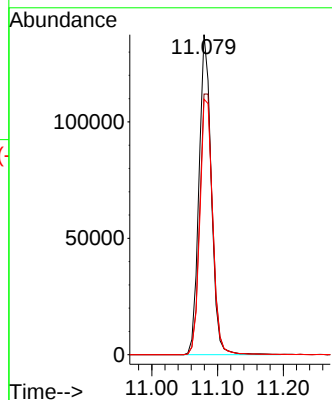
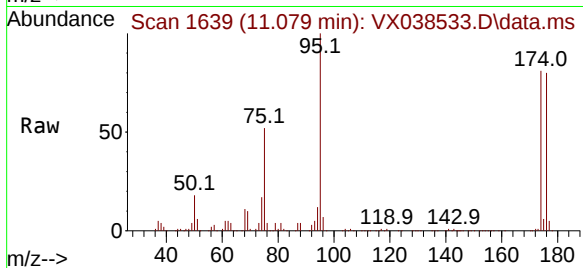
Tgt Ion: 95 Resp: 177939

Ion Ratio Lower Upper

95 100

174 86.5 0.0 135.6

176 83.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038533.D

Acq: 26 Oct 2023 21:11

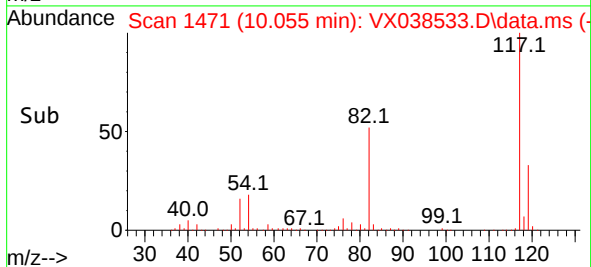
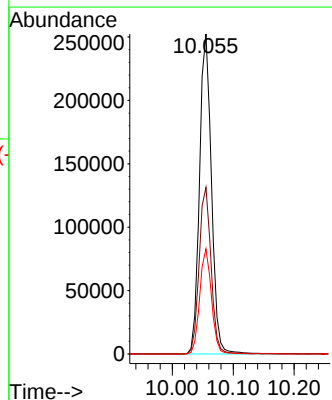
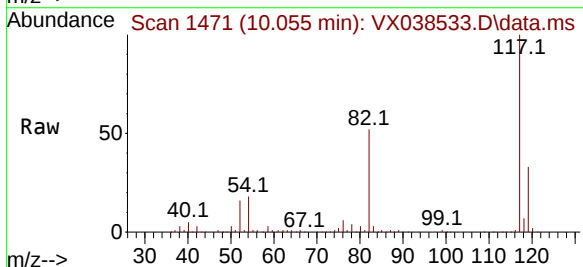
Tgt Ion: 117 Resp: 342857

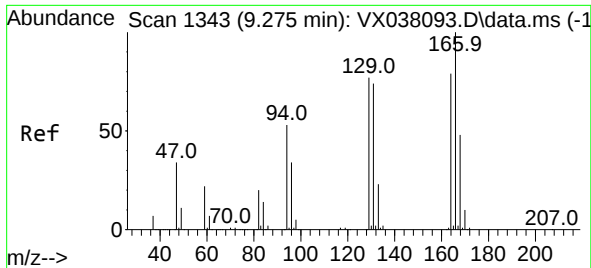
Ion Ratio Lower Upper

117 100

82 52.0 46.2 69.4

119 32.8 25.5 38.3

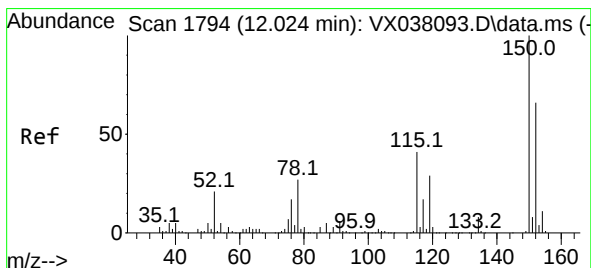
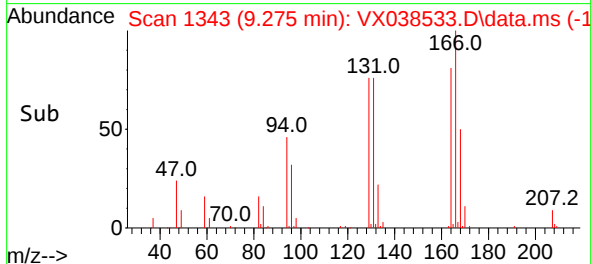
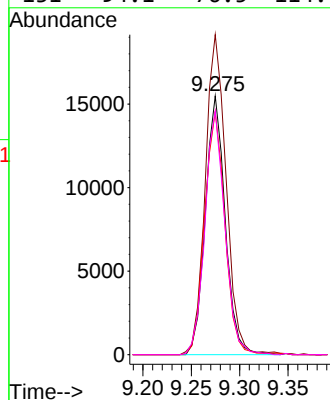
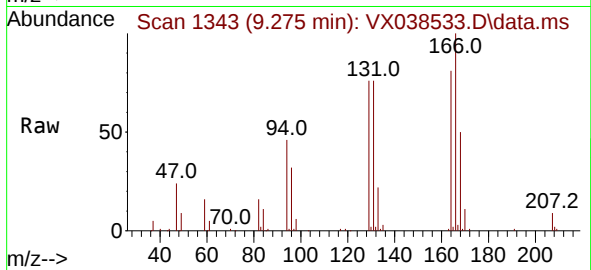




#64
Tetrachloroethene
Concen: 9.980 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Instrument :
MSVOA_X
ClientSampleId :
22-MW-04

Tgt Ion:164 Resp: 22152
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 93.9 80.4 120.6
131 94.1 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038533.D
Acq: 26 Oct 2023 21:11

Tgt Ion:152 Resp: 194881
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 155.4 0.0 345.0

