

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037488.D
 Acq On : 02 Sep 2023 17:15
 Operator : JC/MD
 Sample : 04269-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123

Quant Time: Sep 04 04:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

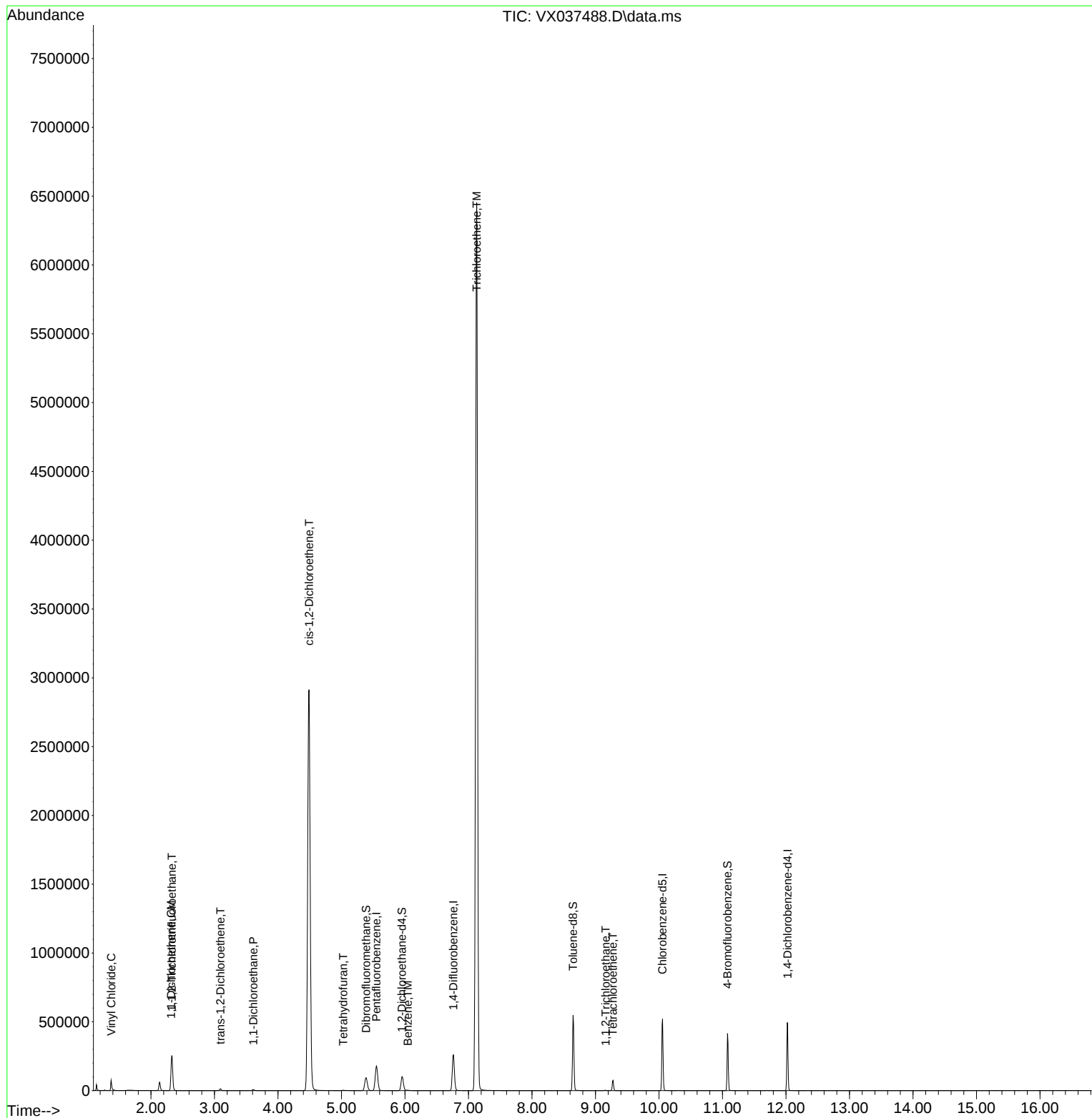
Internal Standards						
1) Pentafluorobenzene	5.550	168	168104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101819	42.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.020%
35) Dibromofluoromethane	5.385	113	84935	45.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.647	98	326571	48.343	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.079	95	116443	43.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.720%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	58165	31.279	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	100543	56.580	ug/l	97
12) 1,1-Dichloroethene	2.319	96	6684	3.863	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	5843	2.970	ug/l	93
24) 1,1-Dichloroethane	3.611	63	8612	2.499	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	2014740	868.774	ug/l	77
29) Tetrahydrofuran	5.026	42	3323	3.650	ug/l #	79
40) Benzene	6.044	78	3637	0.479	ug/l	99
44) Trichloroethene	7.129	130	2644028	1228.813	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	1205	0.590	ug/l	91
64) Tetrachloroethene	9.275	164	14076	7.777	ug/l	97

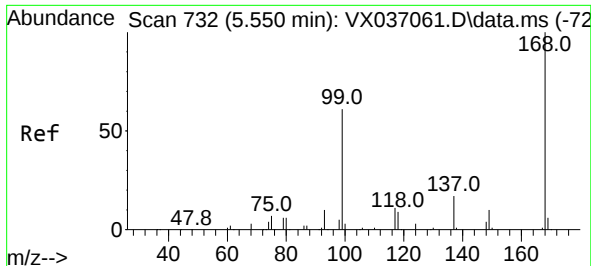
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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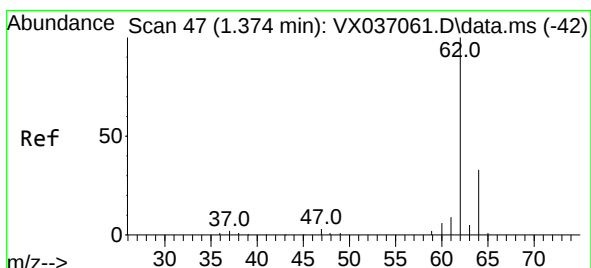
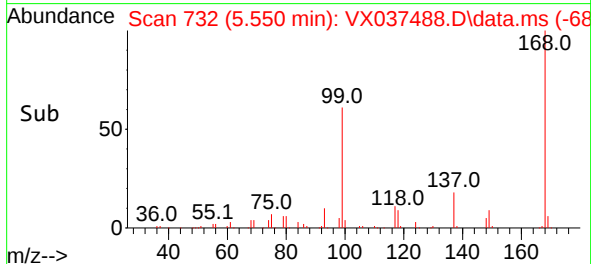
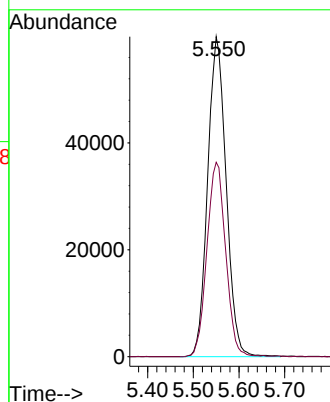
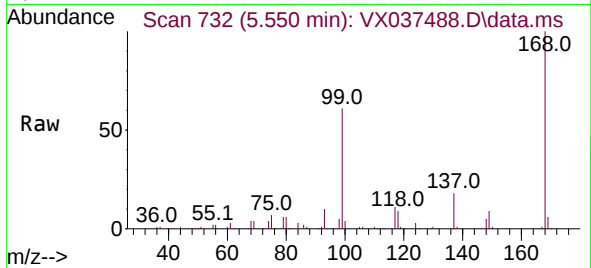




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

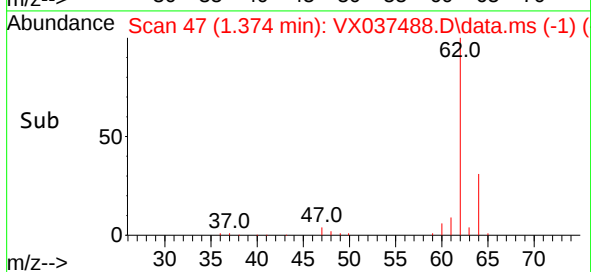
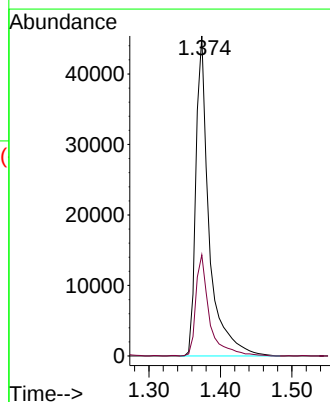
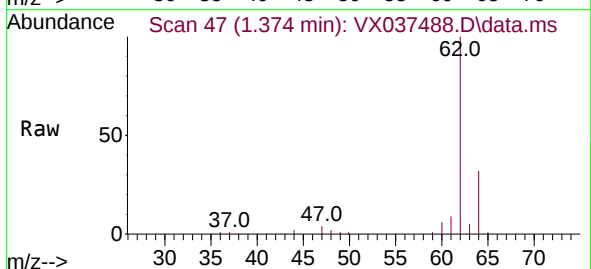
Instrument :
MSVOA_X
ClientSampleId :
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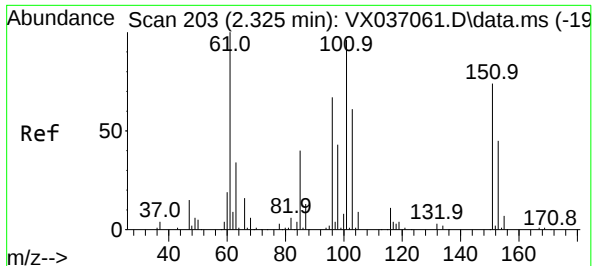
Tgt Ion:168 Resp: 168104
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#4
Vinyl Chloride
Concen: 31.279 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

Tgt Ion: 62 Resp: 58165
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

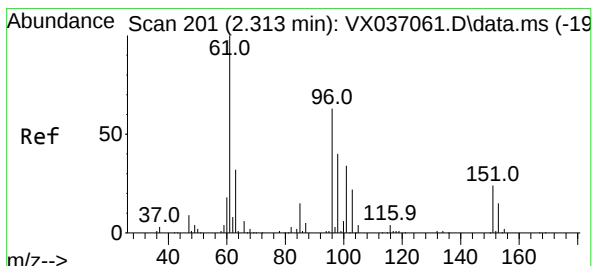
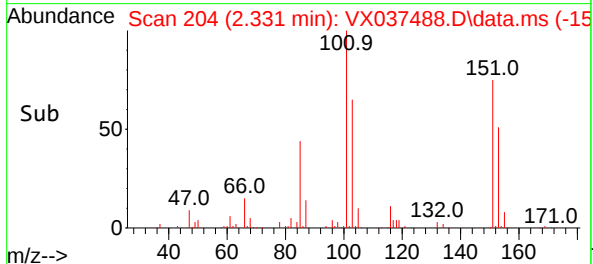
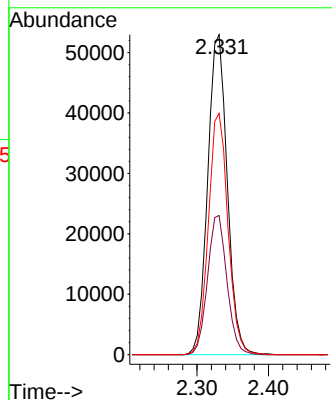
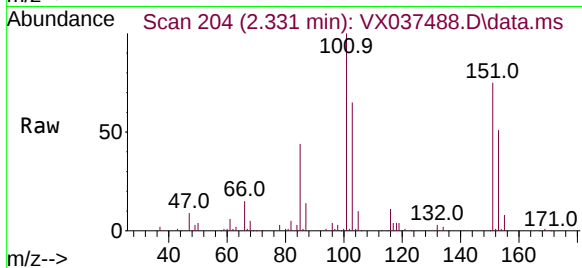




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.580 ug/l
 RT: 2.331 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX037488.D
 Acq: 02 Sep 2023 17:15

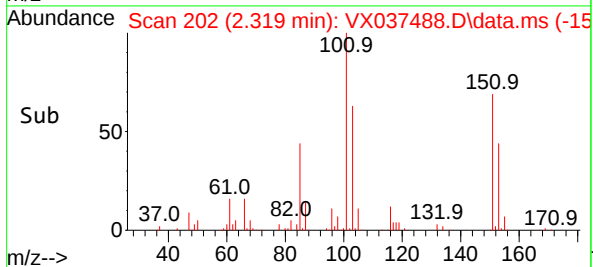
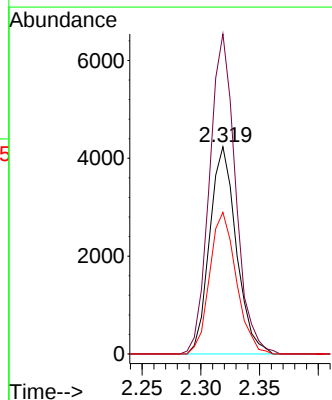
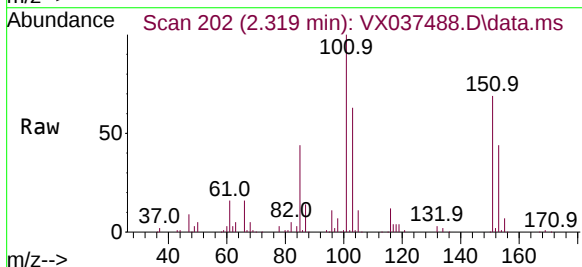
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123

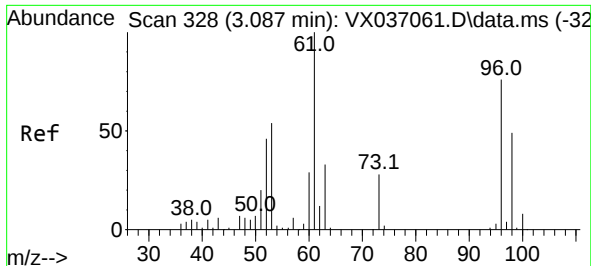
Tgt Ion:101 Resp: 100543
 Ion Ratio Lower Upper
 101 100
 85 43.3 37.0 55.6
 151 75.5 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 3.863 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.006 min
 Lab File: VX037488.D
 Acq: 02 Sep 2023 17:15

Tgt Ion: 96 Resp: 6684
 Ion Ratio Lower Upper
 96 100
 61 154.4 144.6 216.8
 98 68.3 50.4 75.6

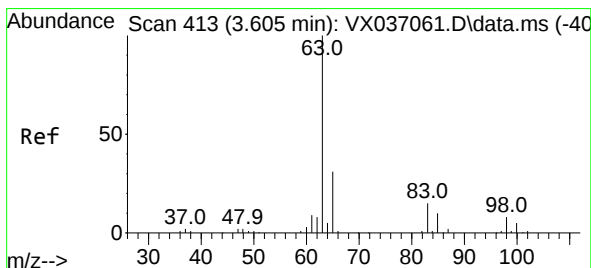
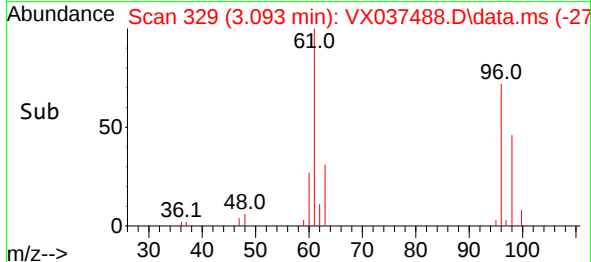
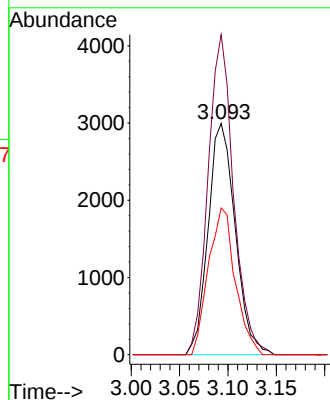
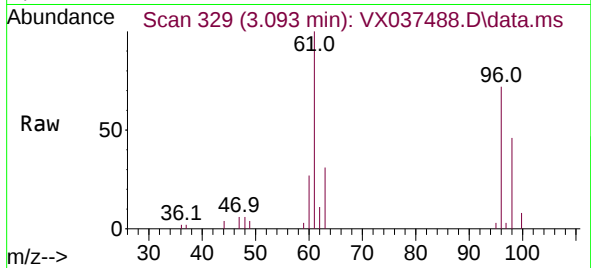




#21
trans-1,2-Dichloroethene
Concen: 2.970 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

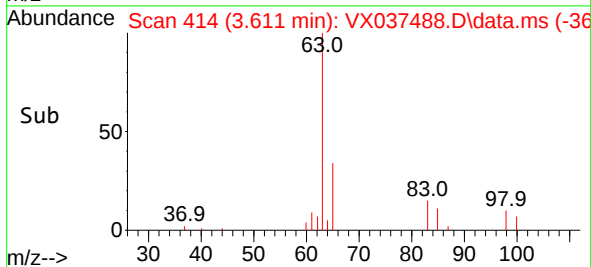
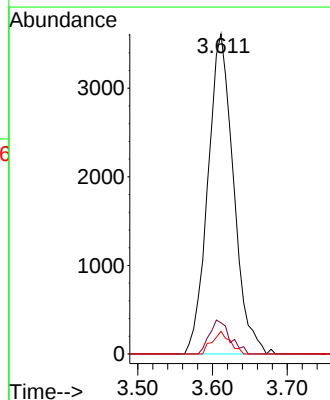
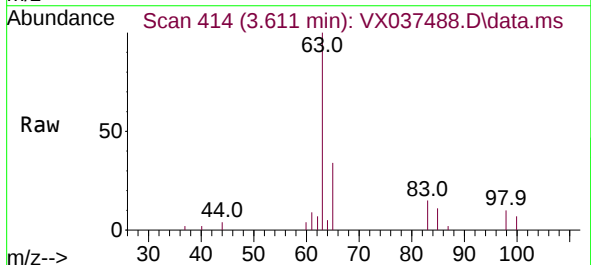
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123

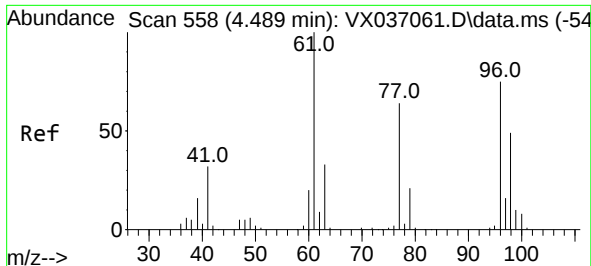
Tgt Ion:	96	Resp:	5843
Ion	Ratio	Lower	Upper
96	100		
61	138.4	119.2	178.8
98	63.5	48.7	73.1



#24
1,1-Dichloroethane
Concen: 2.499 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

Tgt Ion:	63	Resp:	8612
Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.3	9.8
100	7.1	2.1	6.5



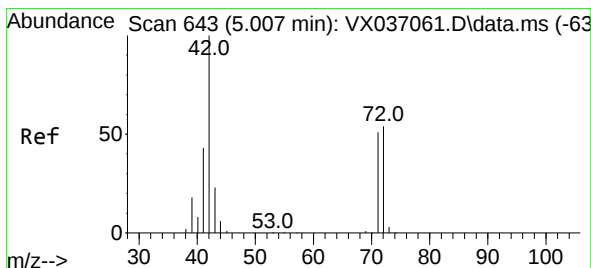
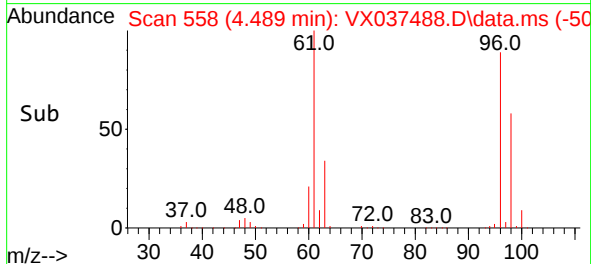
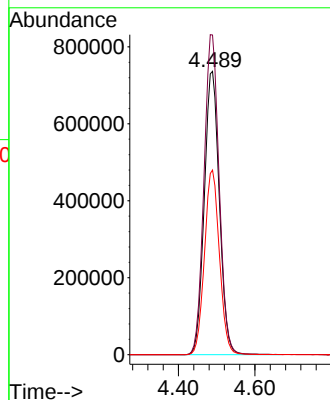
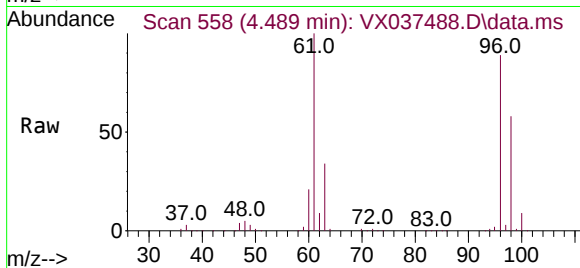


#27
 cis-1,2-Dichloroethene
 Concen: 868.774 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037488.D
 Acq: 02 Sep 2023 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123

Tgt Ion: 96 Resp: 2014740

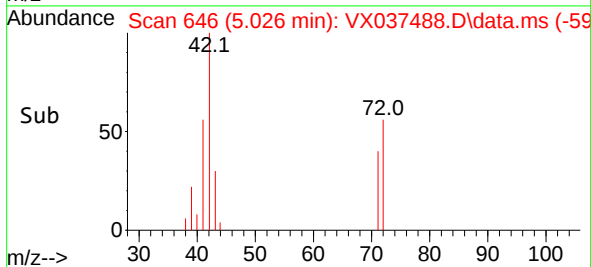
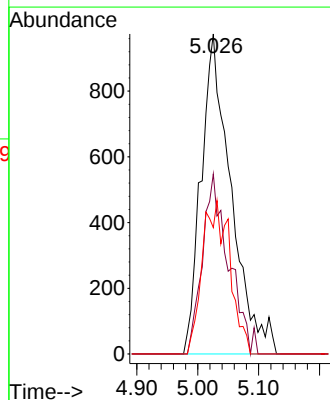
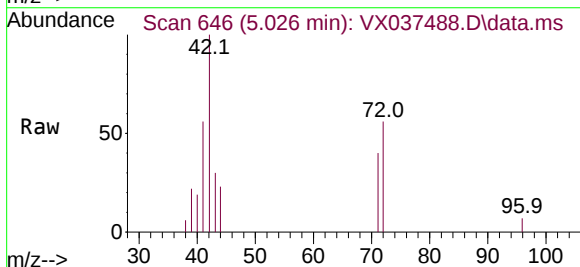
Ion	Ratio	Lower	Upper
96	100		
61	113.8	0.0	312.2
98	64.6	0.0	129.0

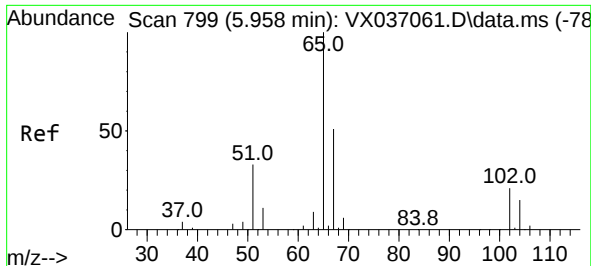


#29
 Tetrahydrofuran
 Concen: 3.650 ug/l
 RT: 5.026 min Scan# 646
 Delta R.T. 0.018 min
 Lab File: VX037488.D
 Acq: 02 Sep 2023 17:15

Tgt Ion: 42 Resp: 3323

Ion	Ratio	Lower	Upper
42	100		
72	49.2	34.2	51.4
71	20.2	32.2	48.2





#33

1,2-Dichloroethane-d4

Concen: 42.013 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037488.D

Acq: 02 Sep 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

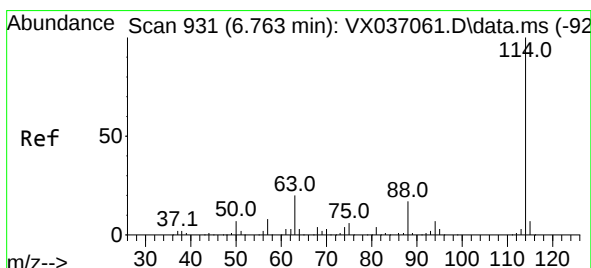
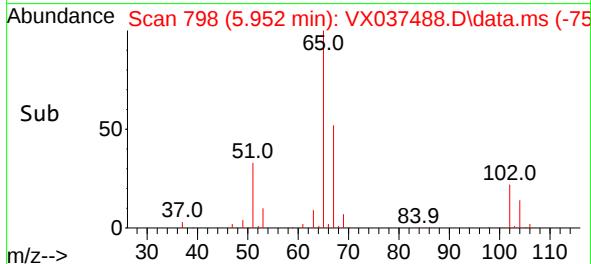
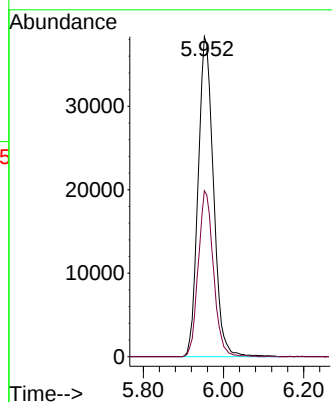
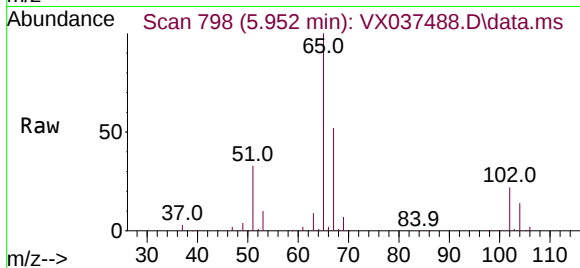
MW-11A-13.5-083123

Tgt Ion: 65 Resp: 101819

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037488.D

Acq: 02 Sep 2023 17:15

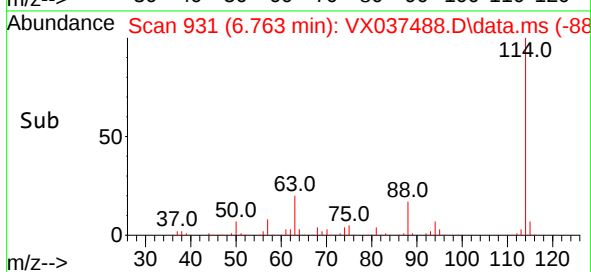
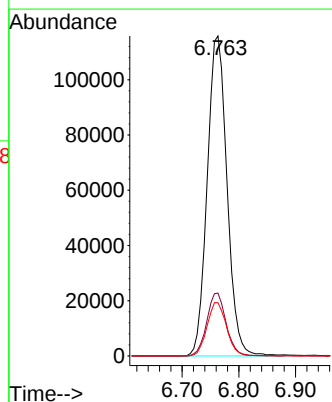
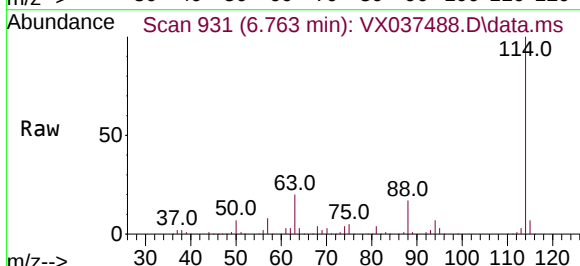
Tgt Ion: 114 Resp: 281198

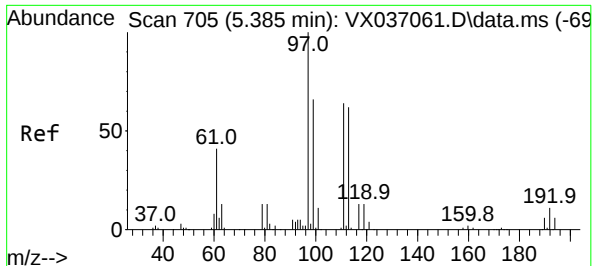
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.607 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037488.D

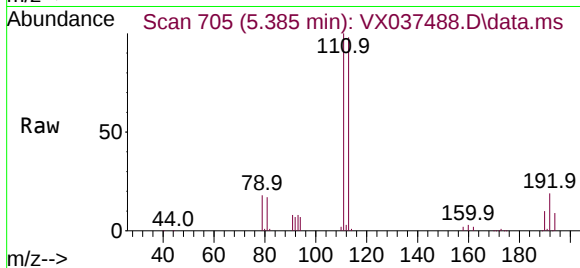
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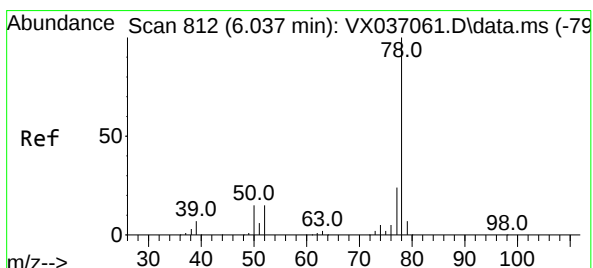
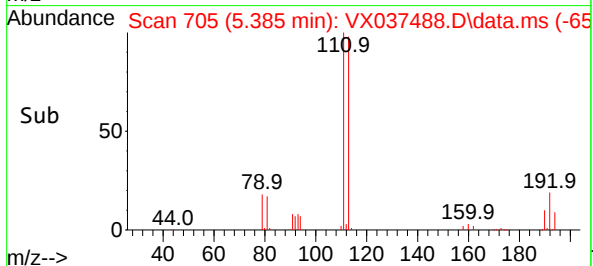
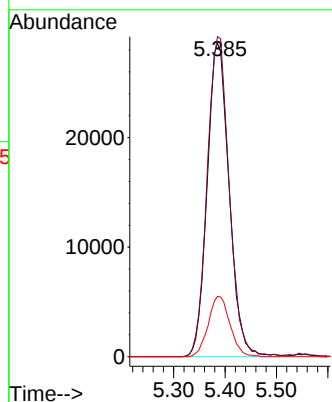
Tgt Ion:113 Resp: 84935

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 19.1 13.3 19.9



#40

Benzene

Concen: 0.479 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037488.D

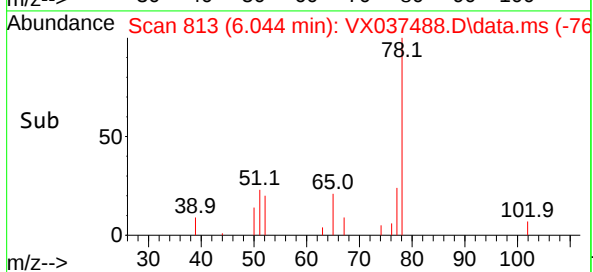
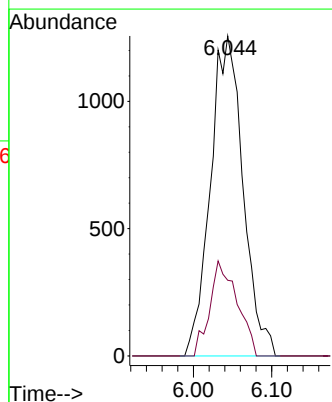
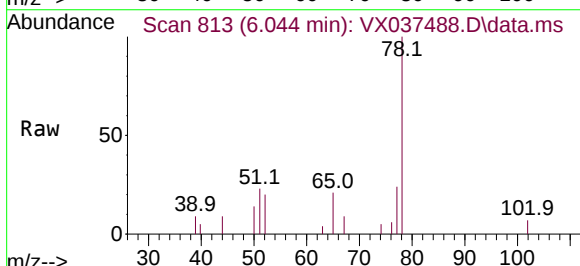
Acq: 02 Sep 2023 17:15

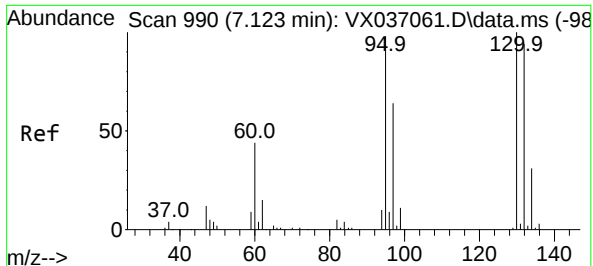
Tgt Ion: 78 Resp: 3637

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

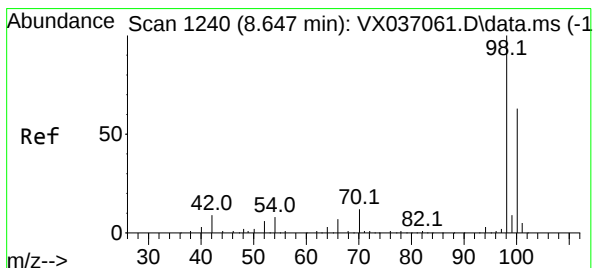
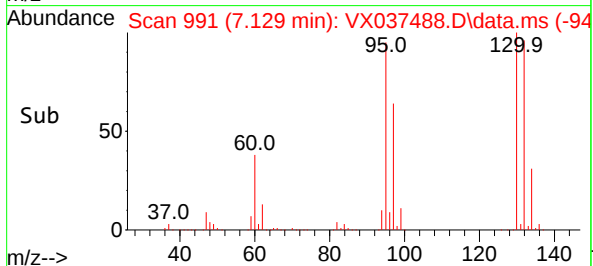
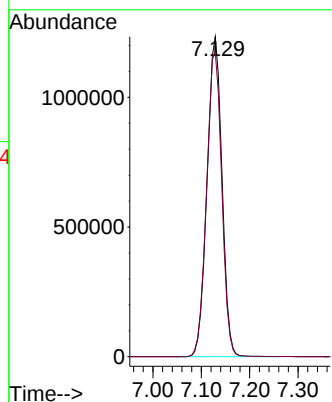
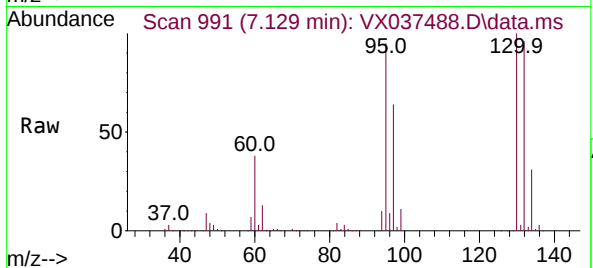




#44
Trichloroethene
Concen: 1228.813 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

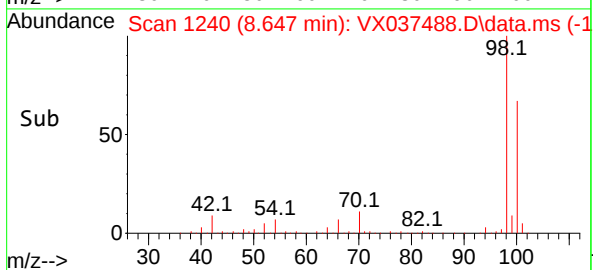
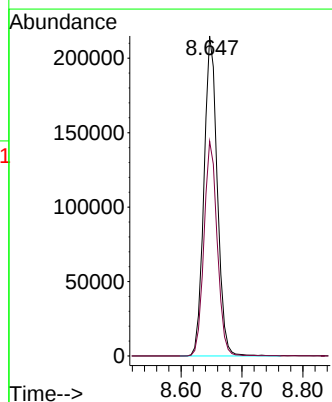
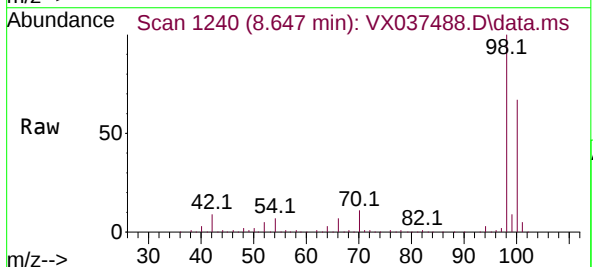
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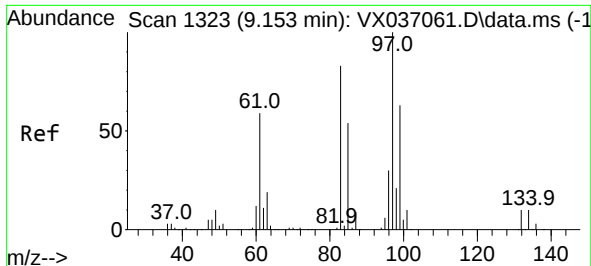
Tgt Ion:130 Resp: 2644028
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.4



#50
Toluene-d8
Concen: 48.343 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037488.D
Acq: 02 Sep 2023 17:15

Tgt Ion: 98 Resp: 326571
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#55

1,1,2-Trichloroethane

Concen: 0.590 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037488.D

Acq: 02 Sep 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123

Tgt Ion: 97 Resp: 1205

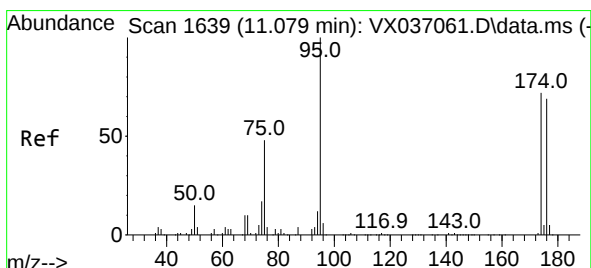
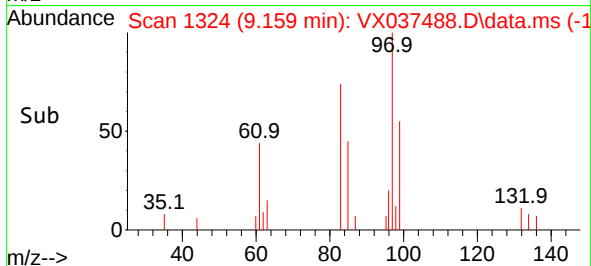
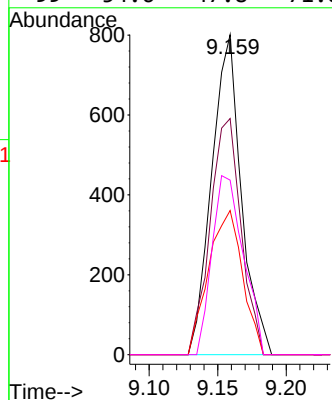
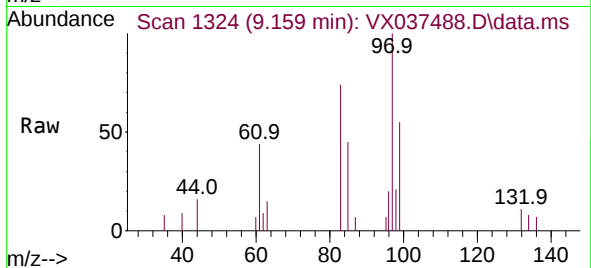
Ion Ratio Lower Upper

97 100

83 73.8 65.8 98.8

85 45.1 41.6 62.4

99 54.6 47.8 71.8



#62

4-Bromofluorobenzene

Concen: 43.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037488.D

Acq: 02 Sep 2023 17:15

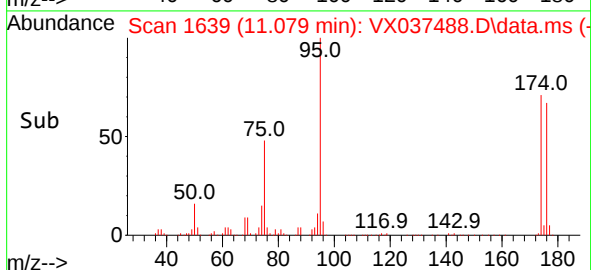
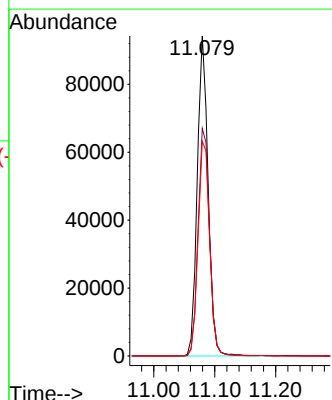
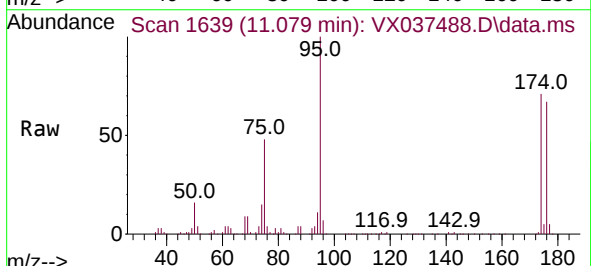
Tgt Ion: 95 Resp: 116443

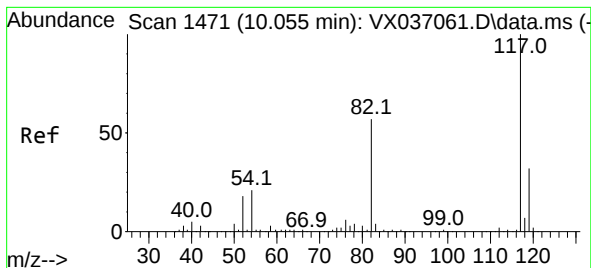
Ion Ratio Lower Upper

95 100

174 75.2 0.0 135.6

176 71.4 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: VX037488.D

Acq: 02 Sep 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123

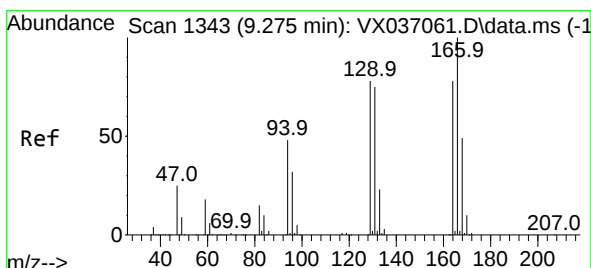
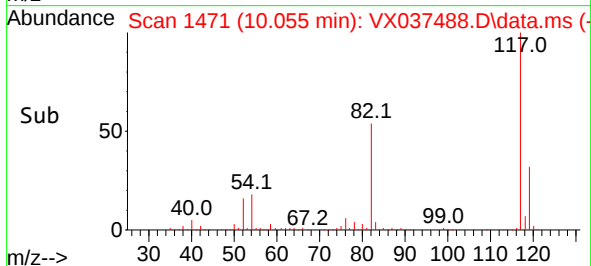
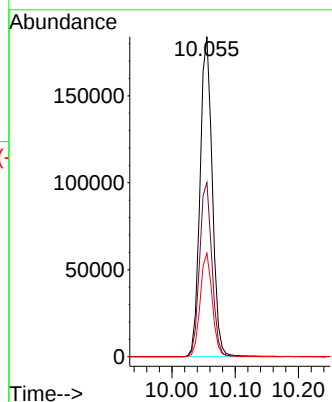
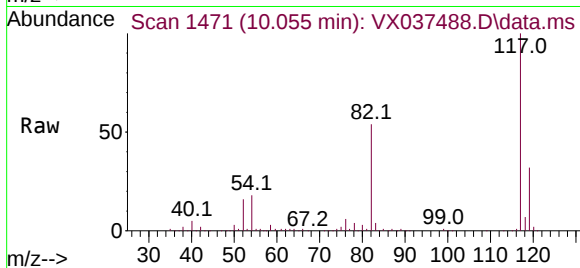
Tgt Ion:117 Resp: 248093

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 7.777 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037488.D

Acq: 02 Sep 2023 17:15

Tgt Ion:164 Resp: 14076

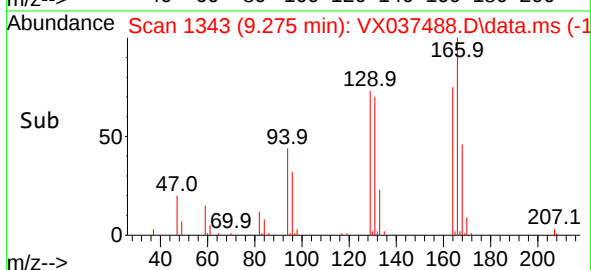
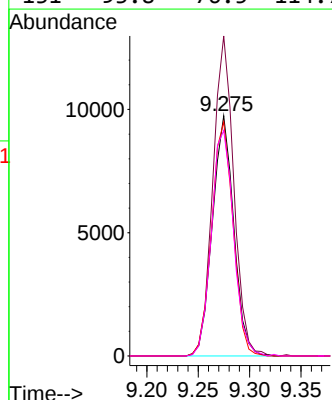
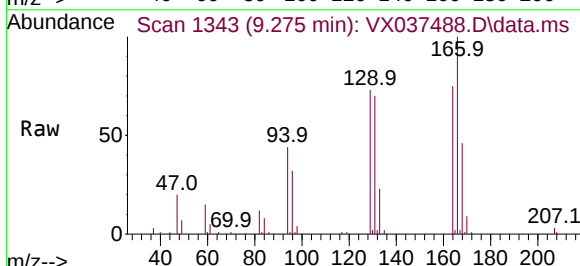
Ion Ratio Lower Upper

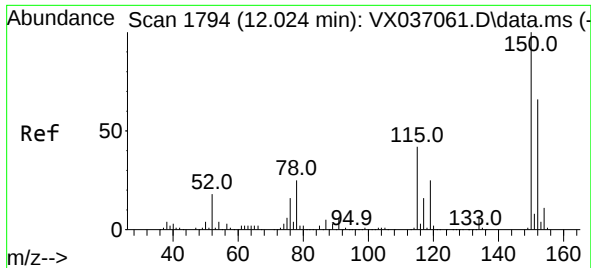
164 100

166 133.2 102.7 154.1

129 97.5 80.4 120.6

131 93.8 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037488.D

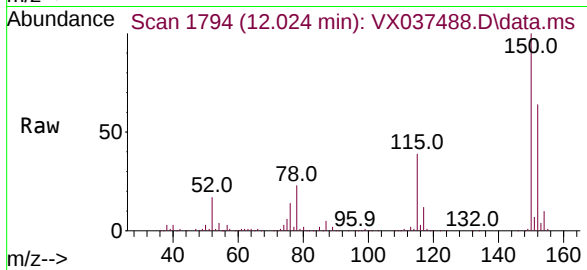
Acq: 02 Sep 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123



Tgt Ion:152 Resp: 109001

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 157.4 0.0 345.0

