

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036626.D
 Acq On : 24 Jul 2023 12:56
 Operator : JC/MD
 Sample : 03686-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

Quant Time: Jul 25 06:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

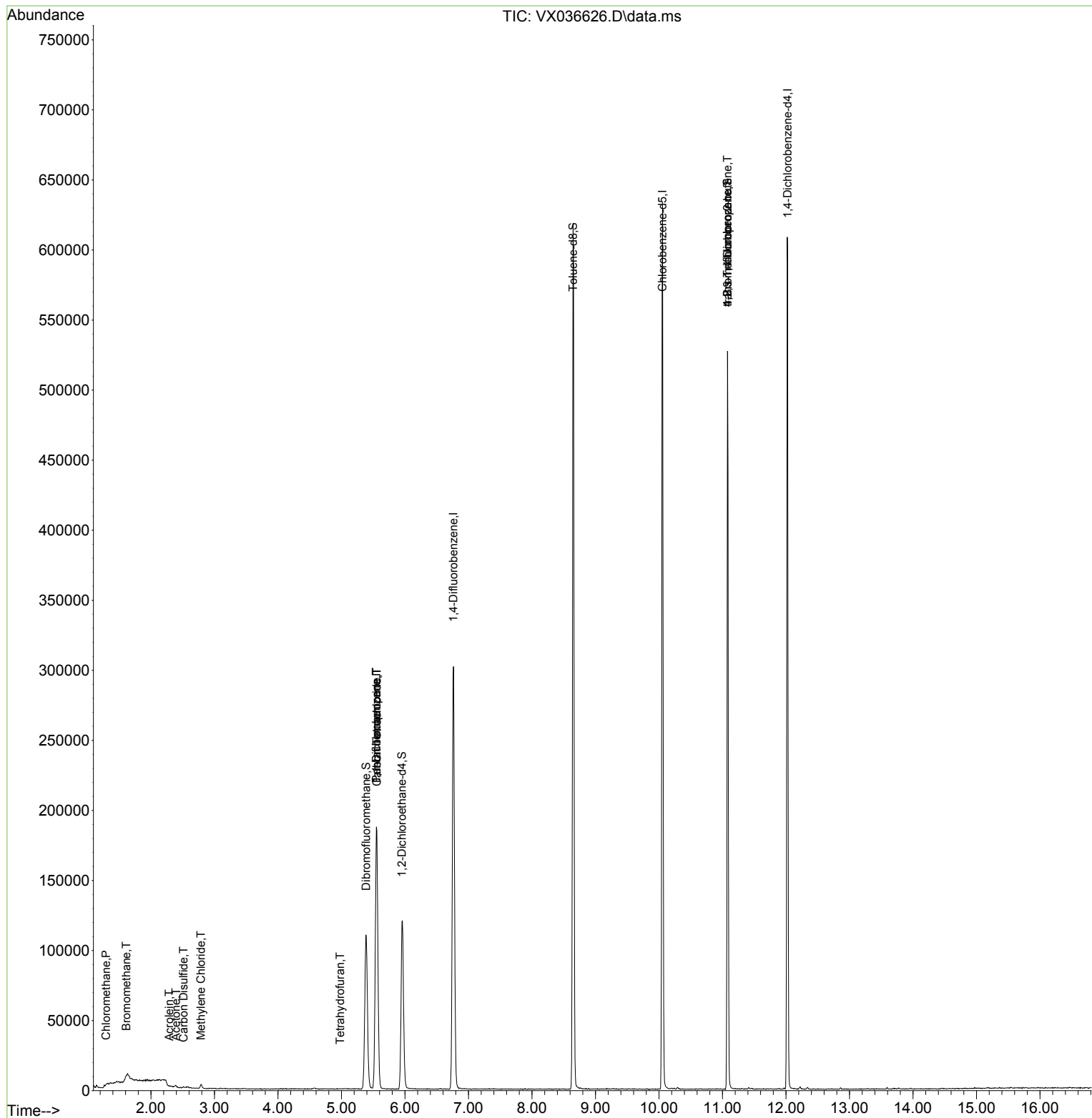
Internal Standards						
1) Pentafluorobenzene	5.550	168	171495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116629	45.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.385	113	96972	46.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	367904	49.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	140621	49.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	641	0.311	ug/l #	82
5) Bromomethane	1.612	94	424	0.339	ug/l #	43
13) Acrolein	2.288	56	88	0.257	ug/l #	11
16) Acetone	2.392	43	1389	1.319	ug/l	99
17) Carbon Disulfide	2.514	76	1101	0.208	ug/l #	84
20) Methylene Chloride	2.788	84	1598	0.682	ug/l	94
29) Tetrahydrofuran	4.977	42	252	0.229	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	14483	4.621	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18434	5.532	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	72165	24.388	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72165	55.277	ug/l #	5

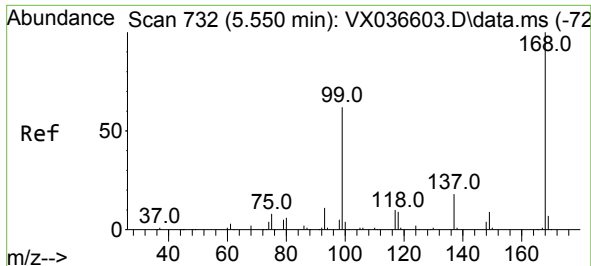
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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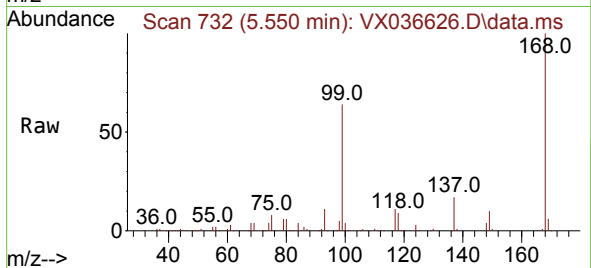
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



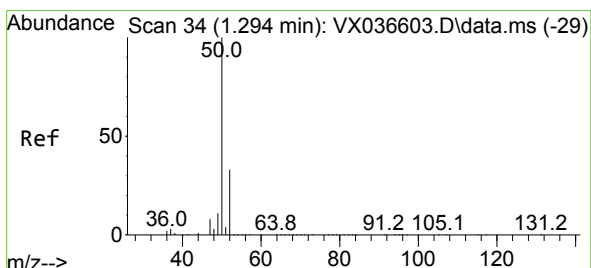
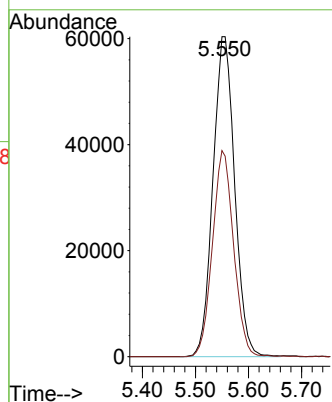
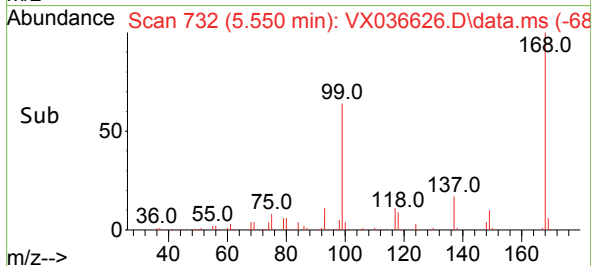


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

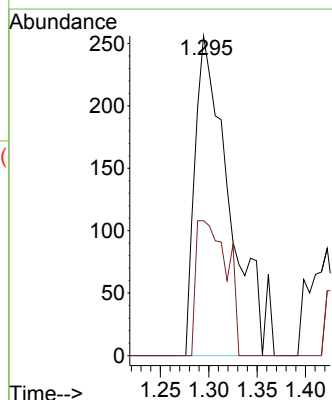
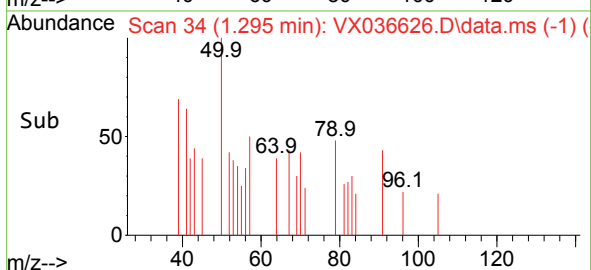
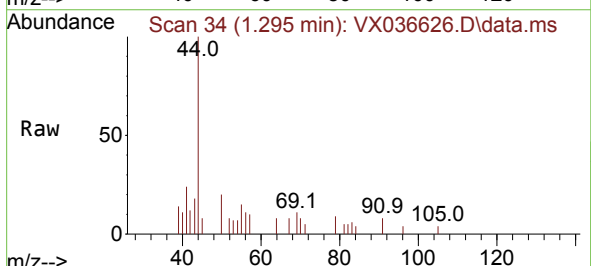


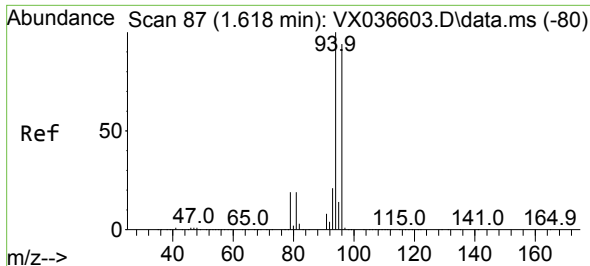
Tgt Ion:168 Resp: 171495
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#3
Chloromethane
Concen: 0.311 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 42.2 25.5 38.3#

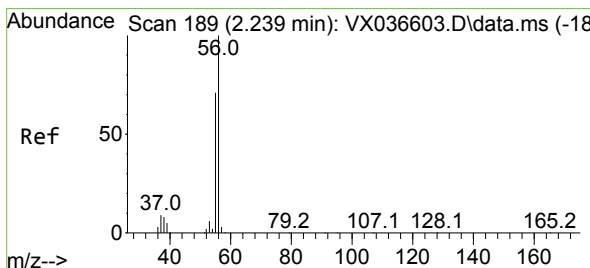
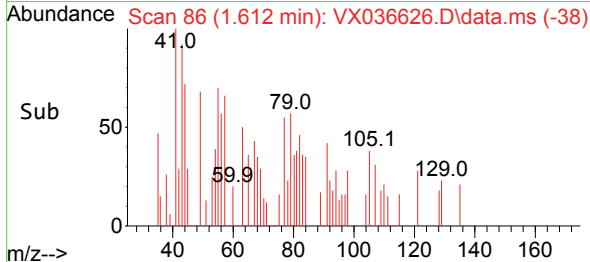
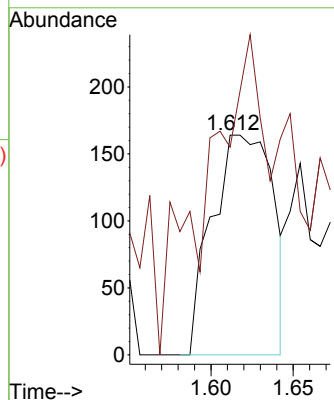
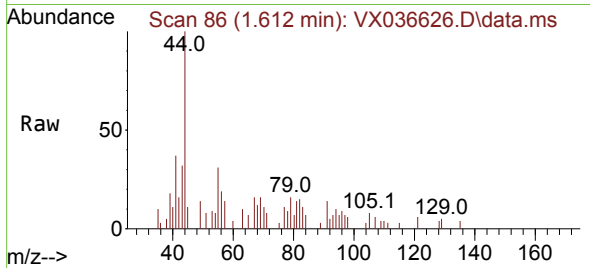




#5
Bromomethane
Concen: 0.339 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

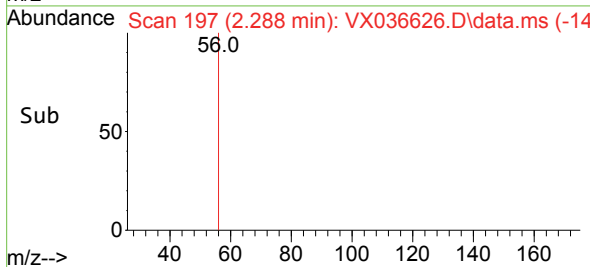
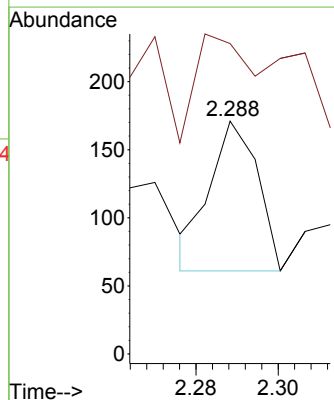
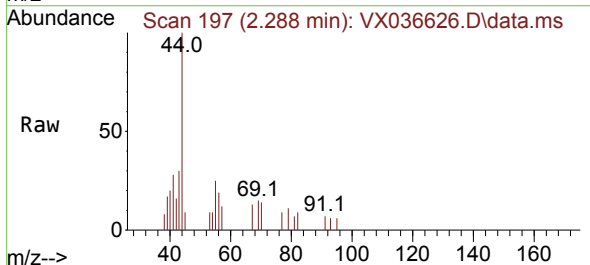
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

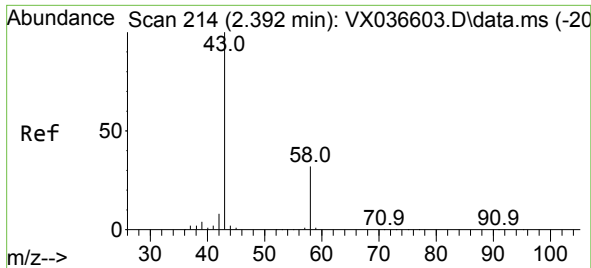
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 38.4 74.6 111.8#



#13
Acrolein
Concen: 0.257 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.049 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 145.5 57.1 85.7#

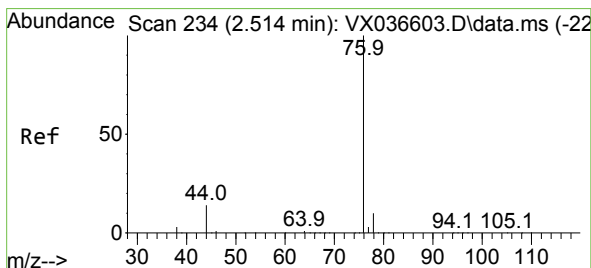
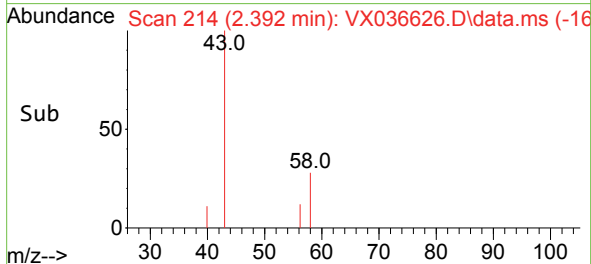
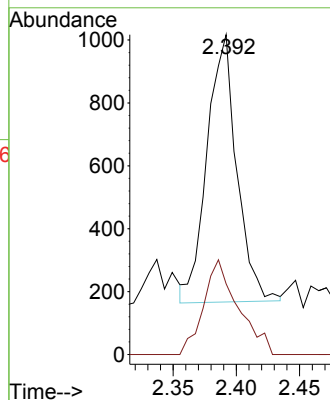
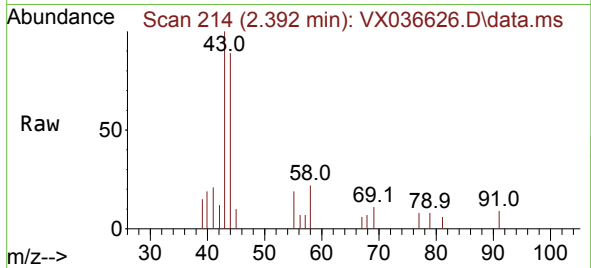




#16
Acetone
Concen: 1.319 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

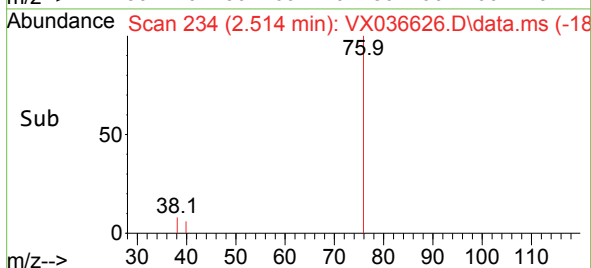
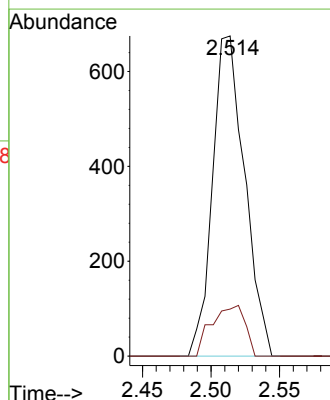
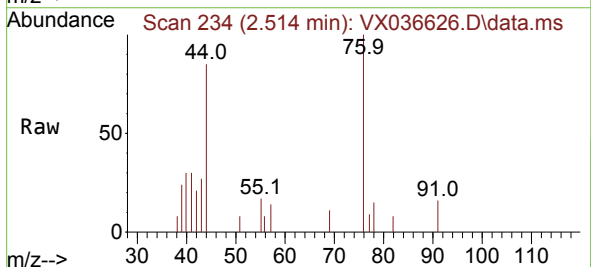
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

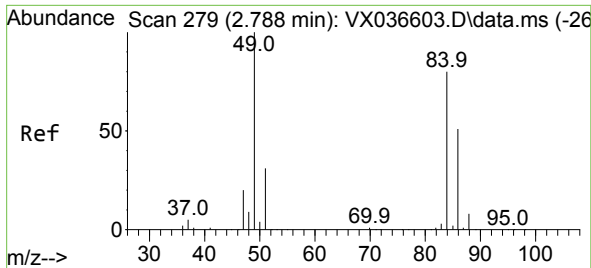
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 76 Resp: 1101
Ion Ratio Lower Upper
76 100
78 14.7 7.0 10.6#

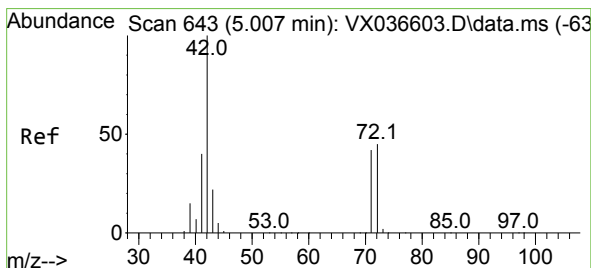
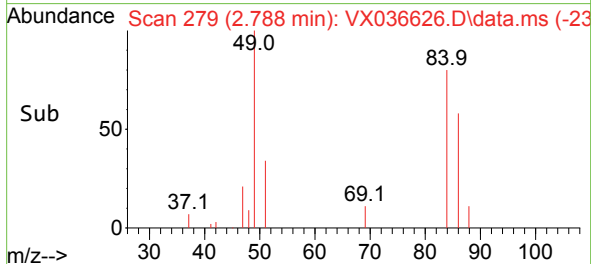
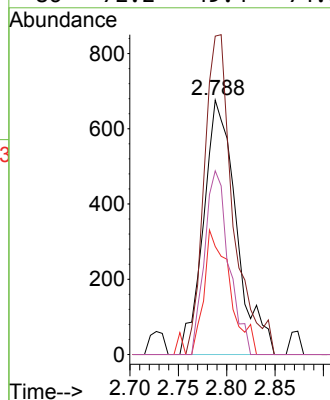
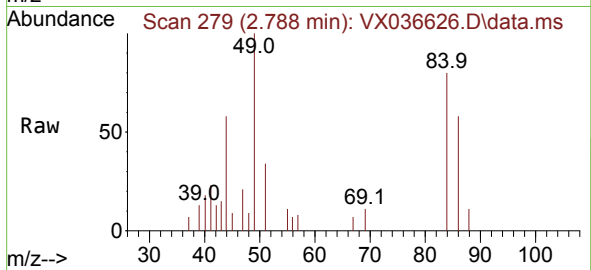




#20
Methylene Chloride
Concen: 0.682 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

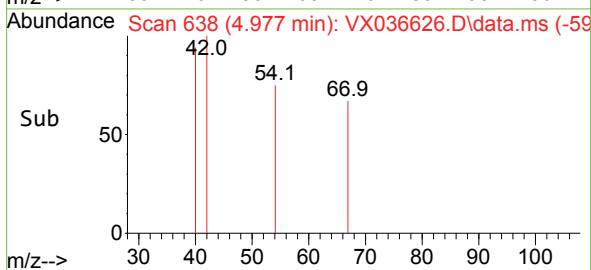
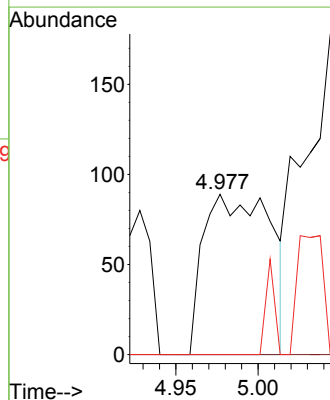
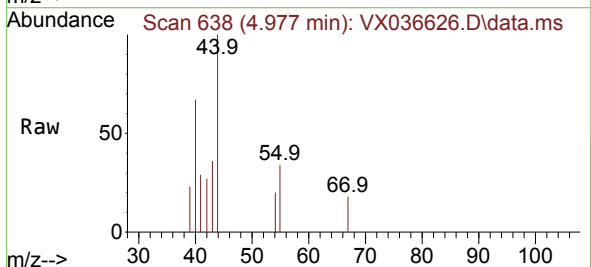
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

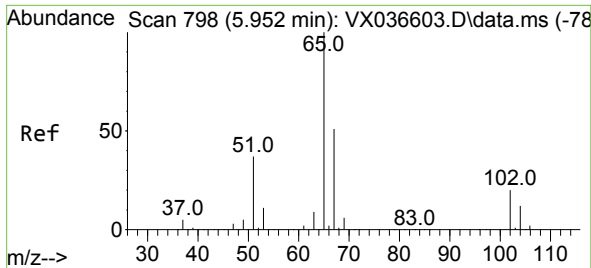
Tgt Ion:	84	Resp:	1598
Ion	Ratio	Lower	Upper
84	100		
49	125.1	103.6	155.4
51	42.5	33.8	50.6
86	72.2	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 4.977 min Scan# 638
Delta R.T. -0.030 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion:	42	Resp:	252
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#

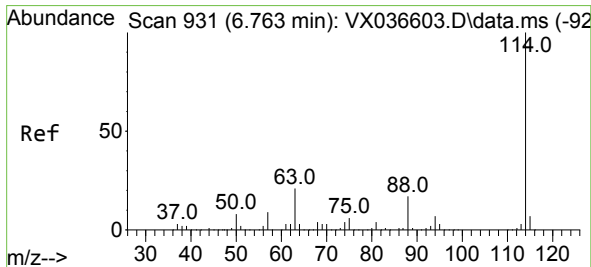
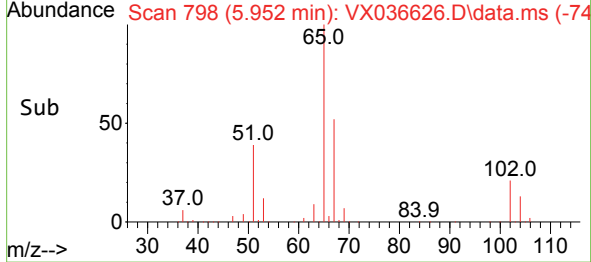
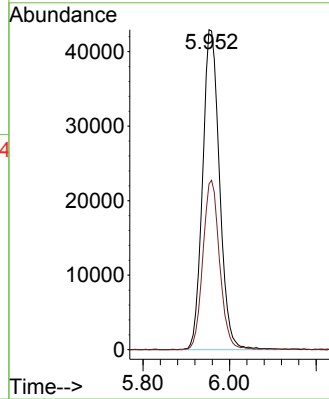
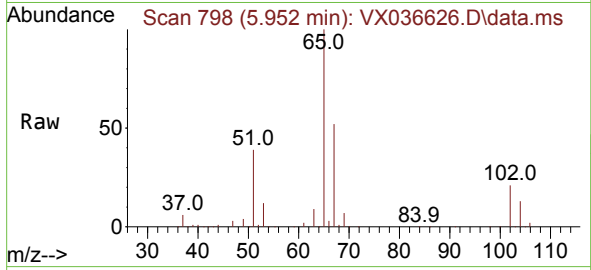




#33
 1,2-Dichloroethane-d4
 Concen: 45.962 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

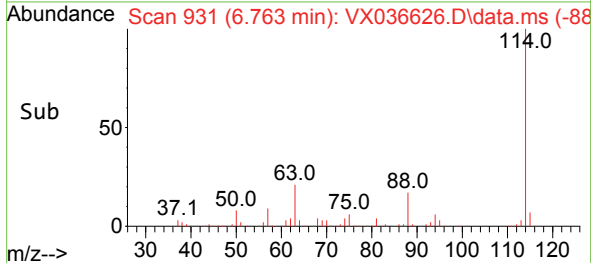
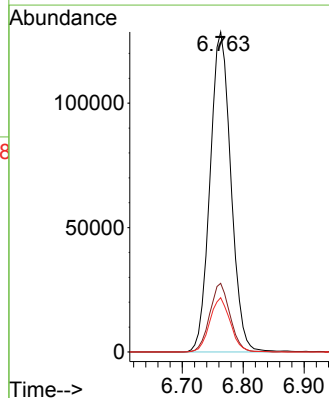
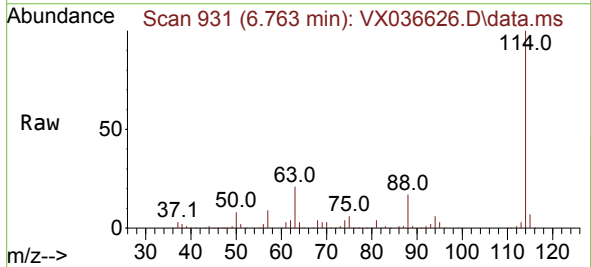
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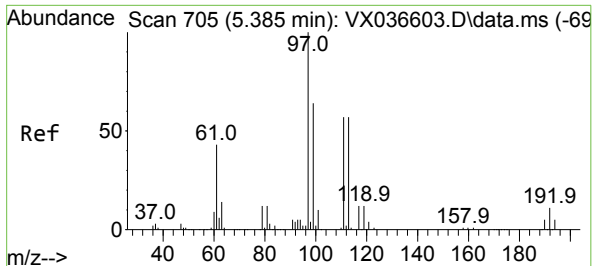
Tgt Ion: 65 Resp: 116629
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

Tgt Ion: 114 Resp: 305957
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.9 0.0 36.6

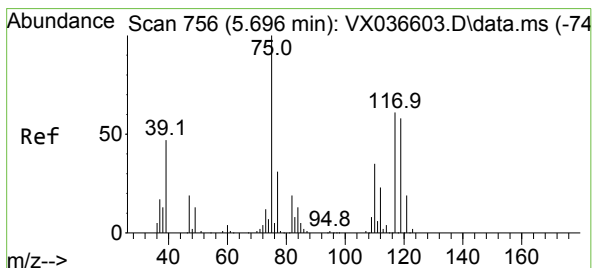
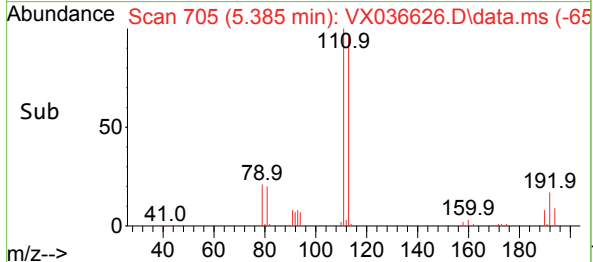
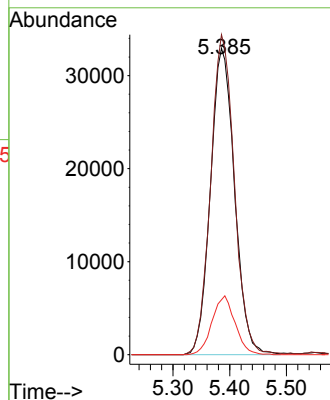
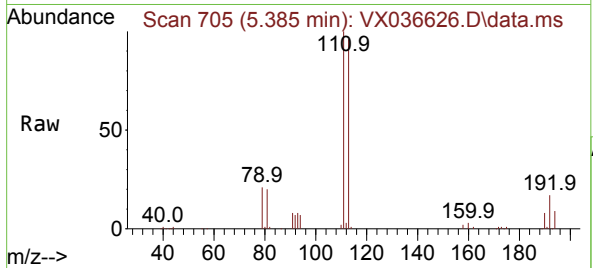




#35
Dibromofluoromethane
Concen: 46.112 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

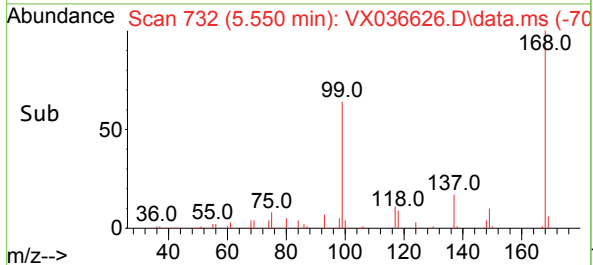
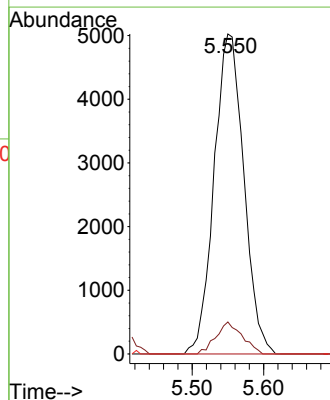
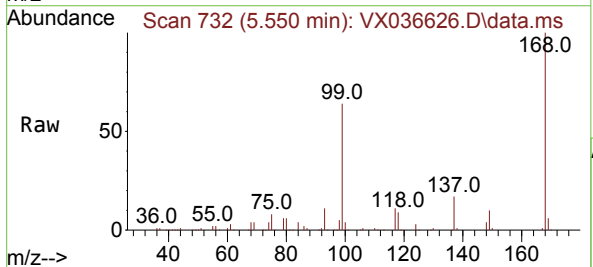
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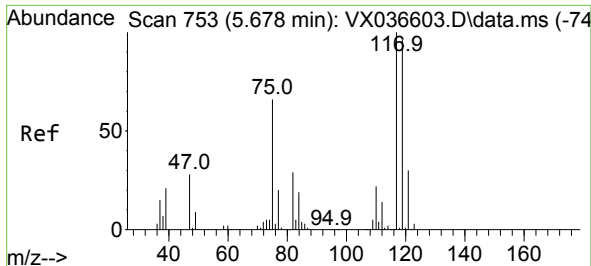
Tgt Ion:113 Resp: 96972
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

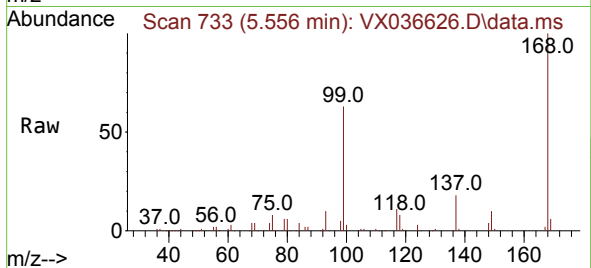
Tgt Ion: 75 Resp: 14483
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



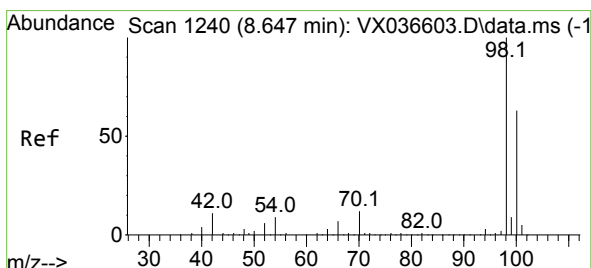
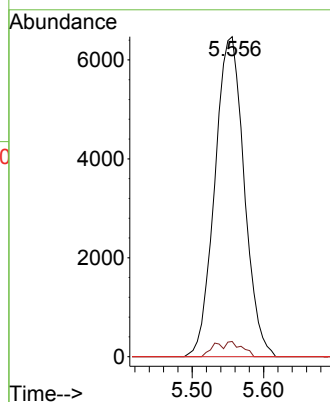
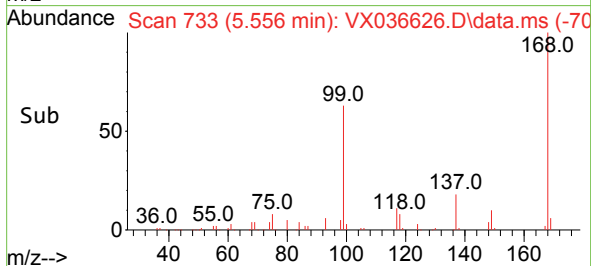


#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

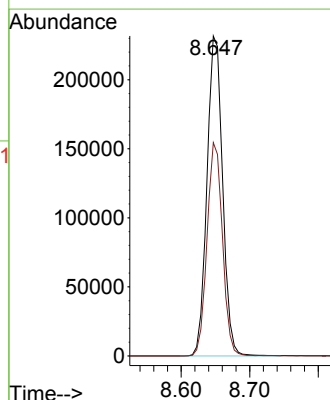
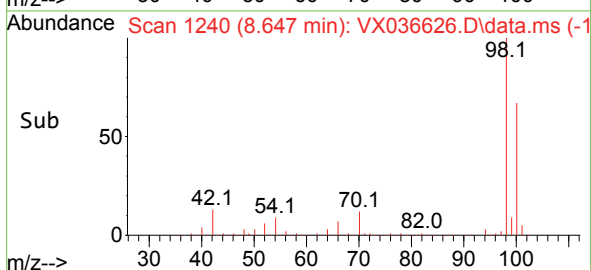
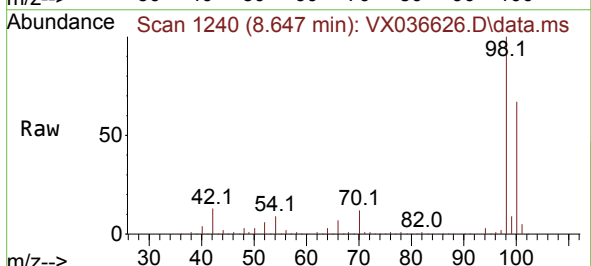


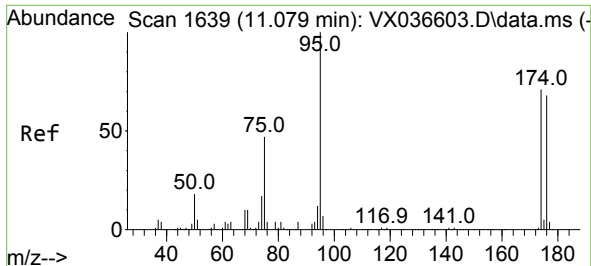
Tgt Ion:117 Resp: 18434
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 98 Resp: 367904
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

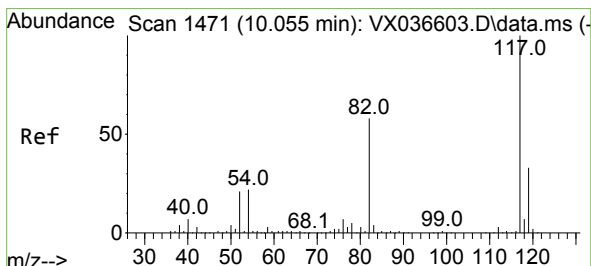
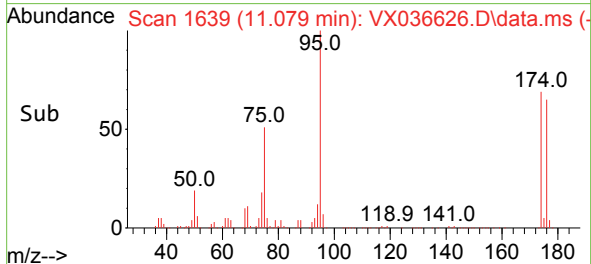
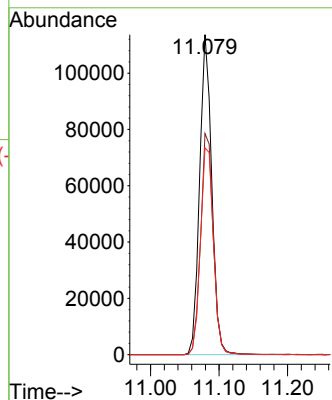
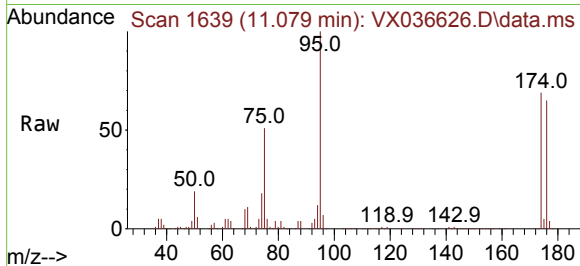




#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

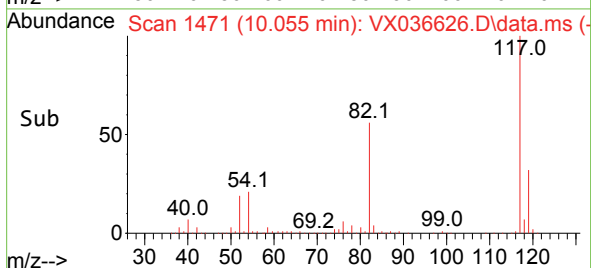
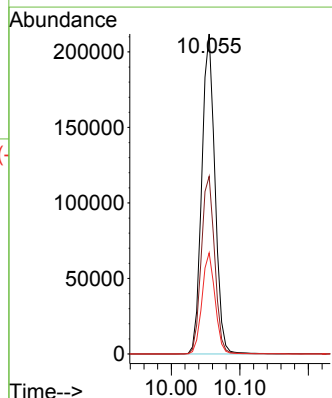
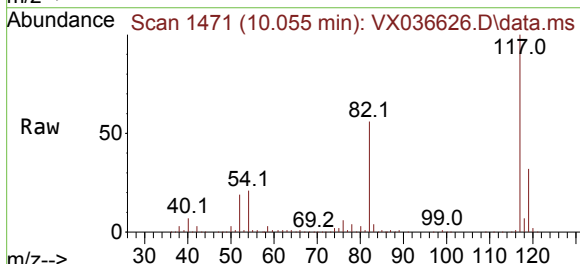
Instrument :
MSVOA_X
ClientSampleId :
TB-20230721

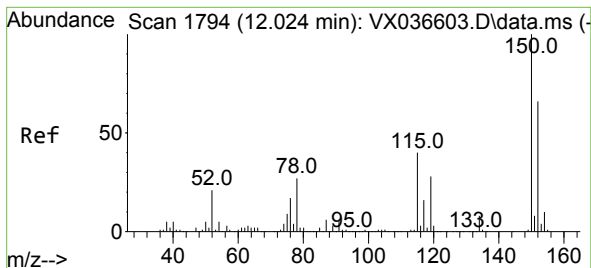
Tgt Ion: 95 Resp: 140621
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 69.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036626.D
Acq: 24 Jul 2023 12:56

Tgt Ion: 117 Resp: 283672
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036626.D

Acq: 24 Jul 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

TB-20230721

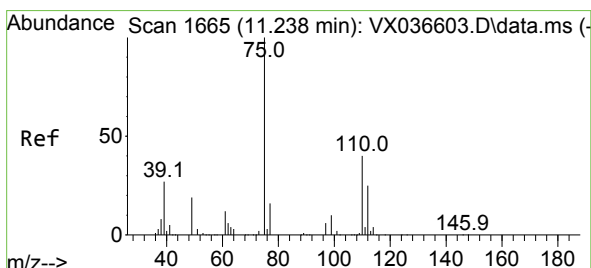
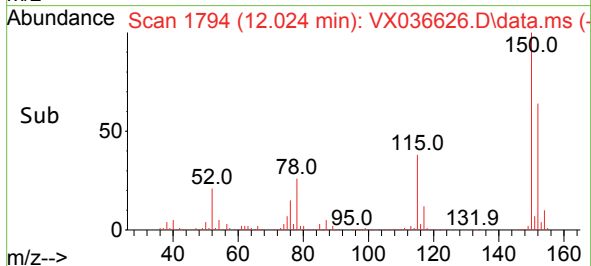
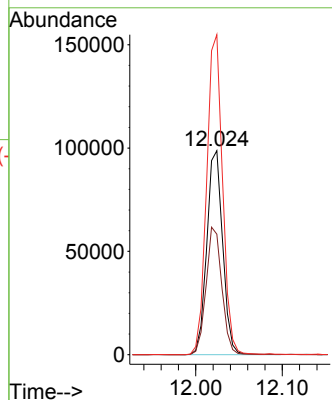
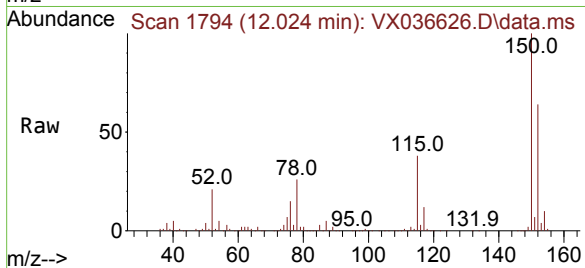
Tgt Ion:152 Resp: 125803

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.388 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036626.D

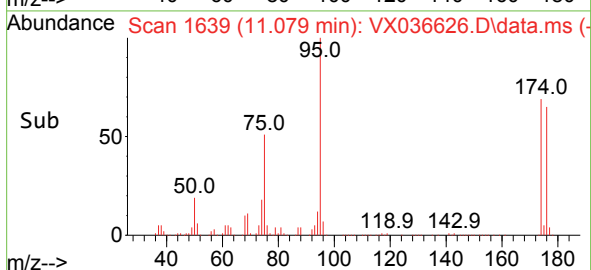
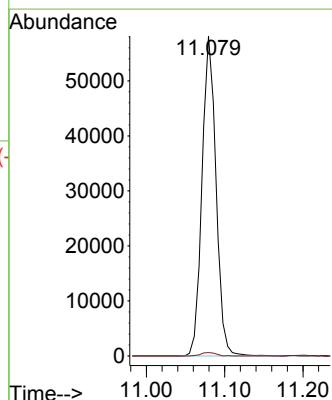
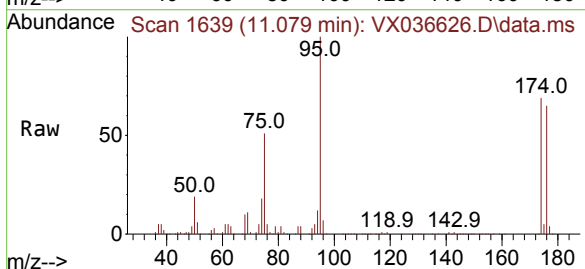
Acq: 24 Jul 2023 12:56

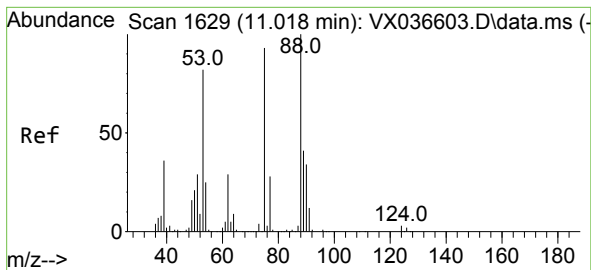
Tgt Ion: 75 Resp: 72165

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.277 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036626.D
 Acq: 24 Jul 2023 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230721

Tgt Ion: 75 Resp: 72165
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

