

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036653.D
 Acq On : 25 Jul 2023 15:15
 Operator : JC/MD
 Sample : 03769-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230725

Quant Time: Jul 26 06:25:59 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)

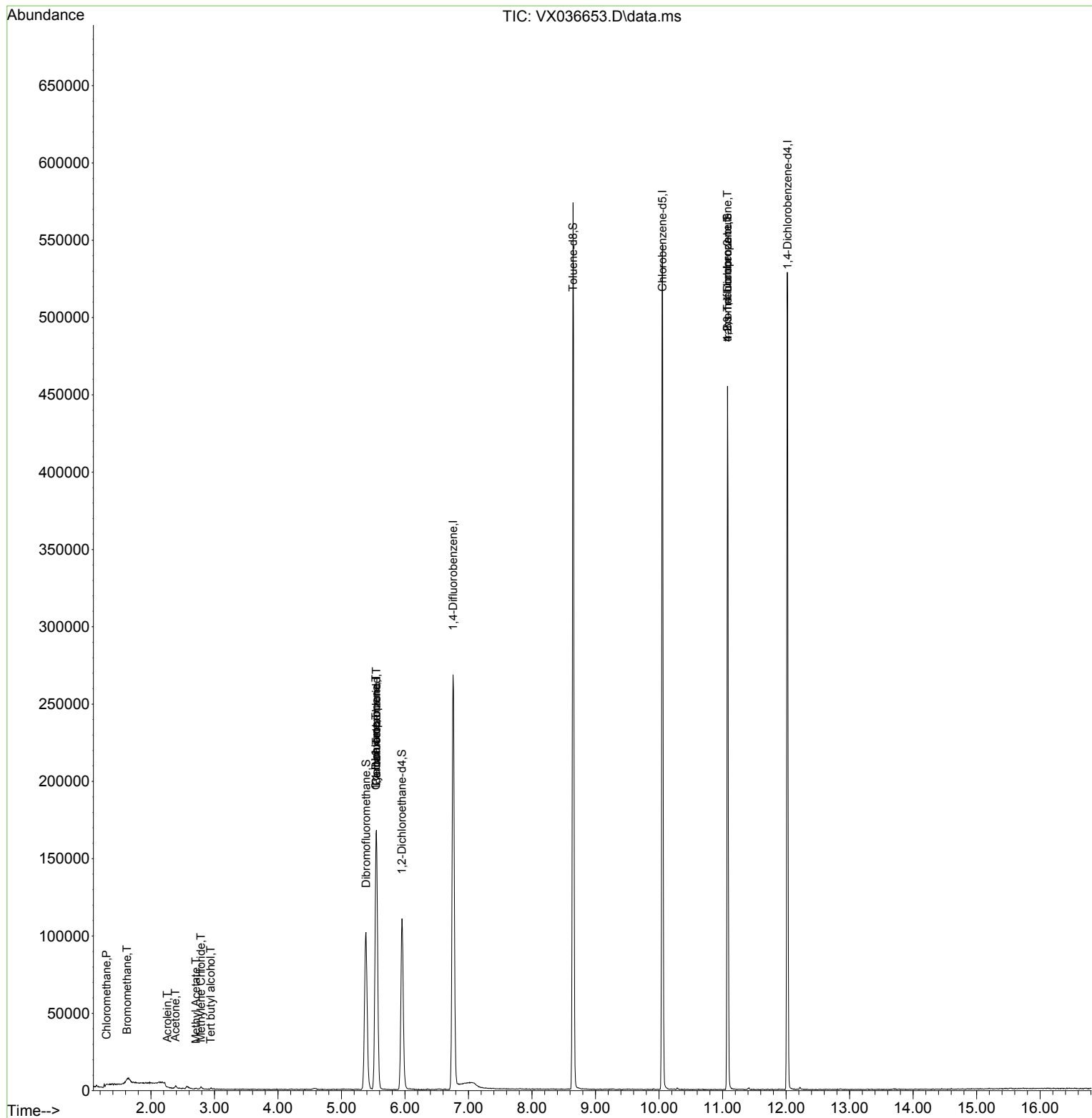
Internal Standards						
1) Pentafluorobenzene	5.550	168	155501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	278154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104650	45.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.960%		
35) Dibromofluoromethane	5.385	113	89082	46.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	8.647	98	331293	48.864	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.720%		
62) 4-Bromofluorobenzene	11.079	95	122093	47.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.460%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	447	0.239	ug/l #	85
5) Bromomethane	1.624	94	319	0.281	ug/l	94
11) Tert butyl alcohol	2.941	59	288	0.529	ug/l #	75
13) Acrolein	2.258	56	265	0.852	ug/l	84
16) Acetone	2.386	43	2104	2.204	ug/l #	82
18) Methyl Acetate	2.709	43	828	0.206	ug/l #	83
20) Methylene Chloride	2.788	84	680	0.320	ug/l	87
31) Cyclohexane	5.544	56	3756	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13143	4.612	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16738	5.525	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	63204	24.688	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63204	55.957	ug/l #	5

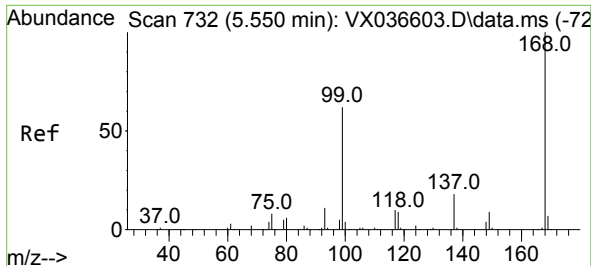
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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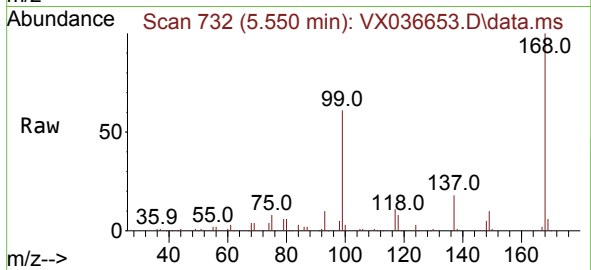
Quant Time: Jul 26 06:25:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



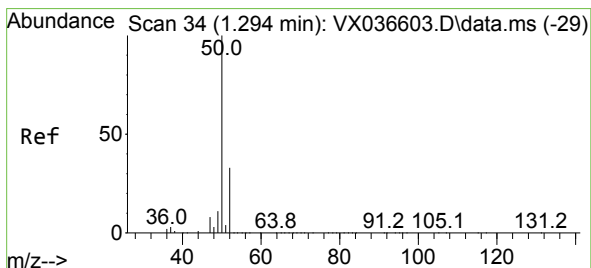
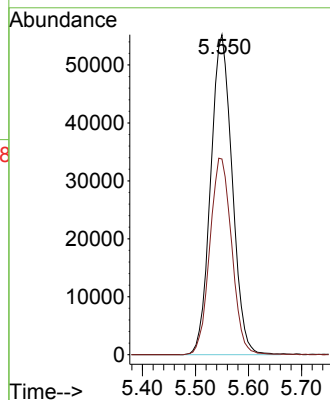
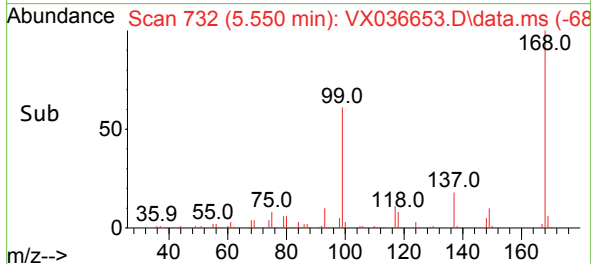


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

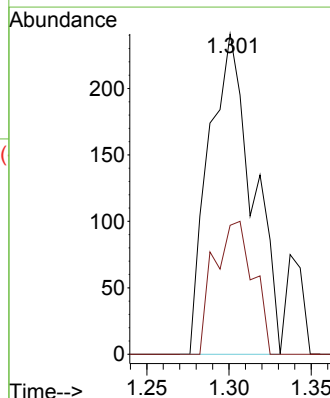
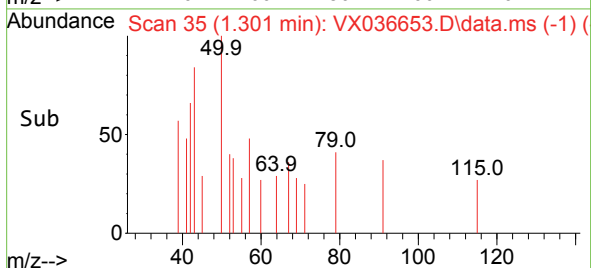
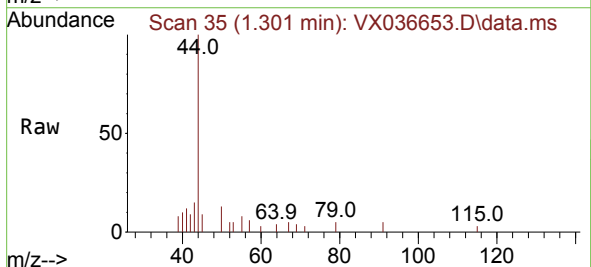


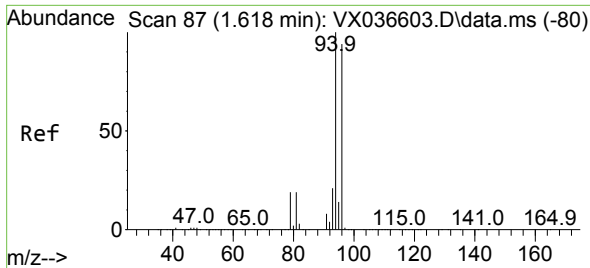
Tgt Ion:168 Resp: 155501
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 40.2 25.5 38.3#

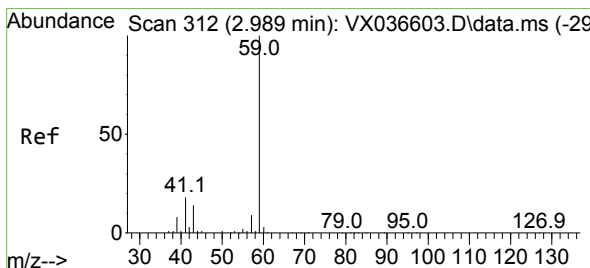
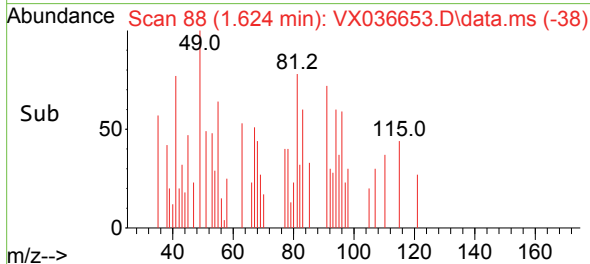
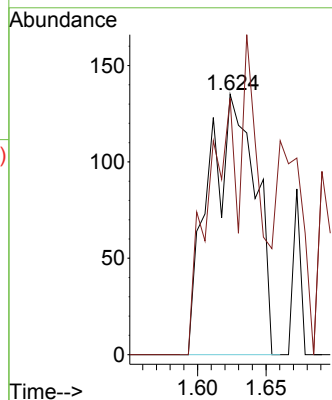
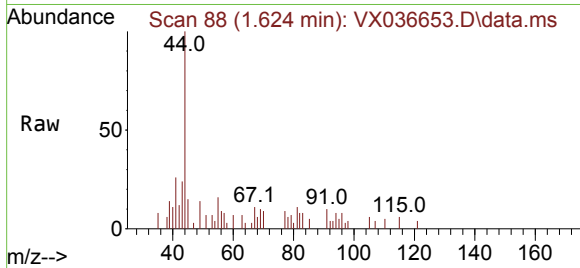




#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

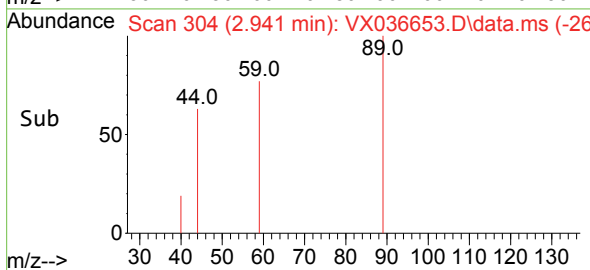
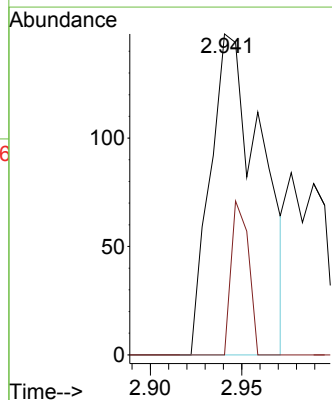
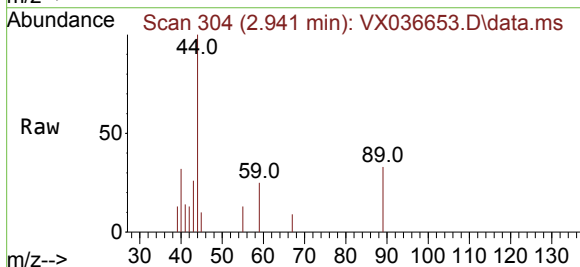
Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

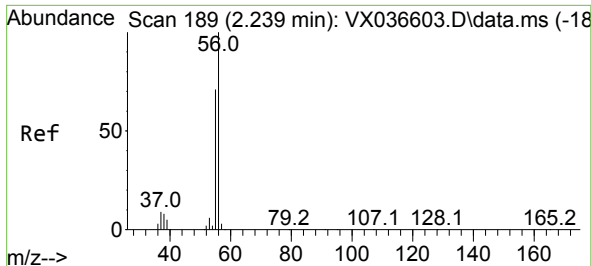
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 98.5 74.6 111.8



#11
Tert butyl alcohol
Concen: 0.529 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 16.3 6.0 9.0#

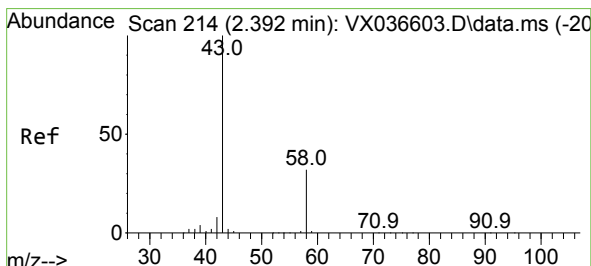
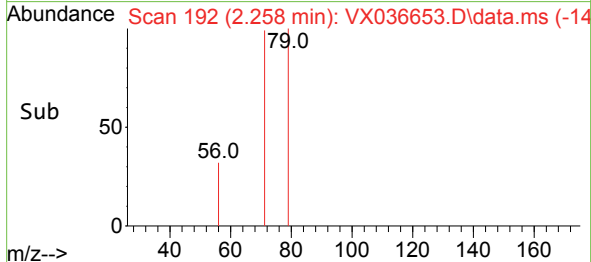
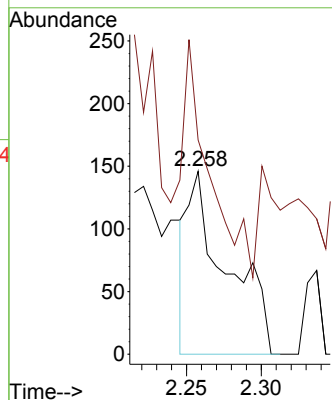
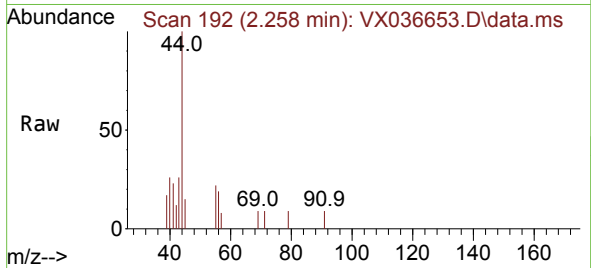




#13
Acrolein
Concen: 0.852 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

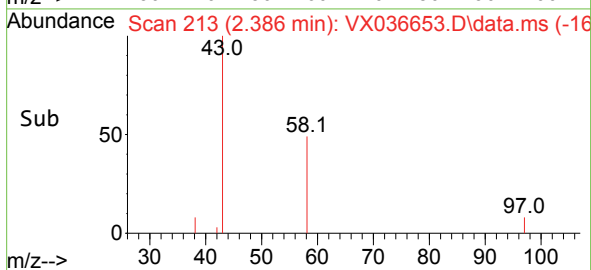
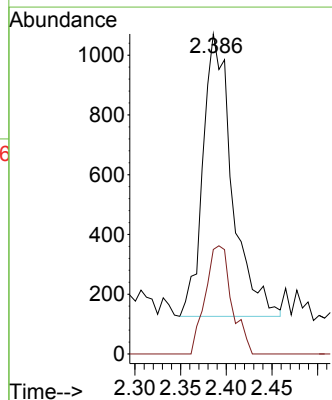
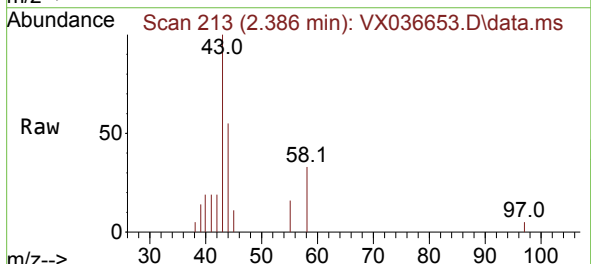
Instrument :
MSVOA_X
ClientSampleId :
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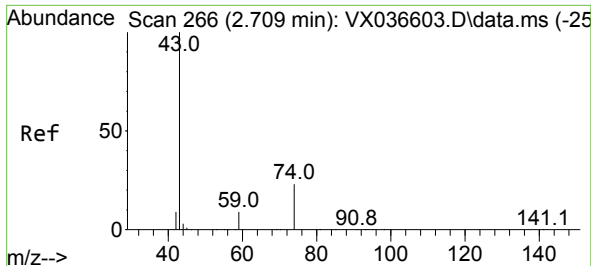
Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 57.7 57.1 85.7



#16
Acetone
Concen: 2.204 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9

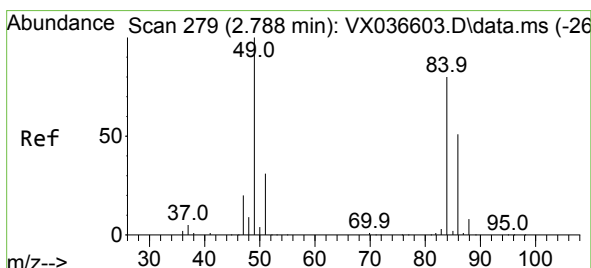
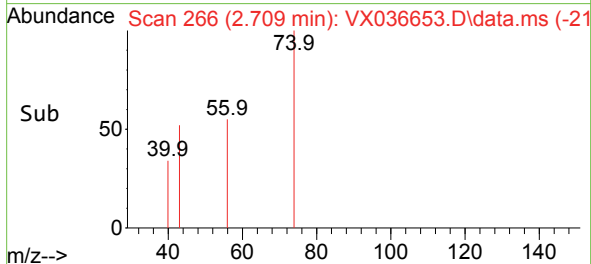
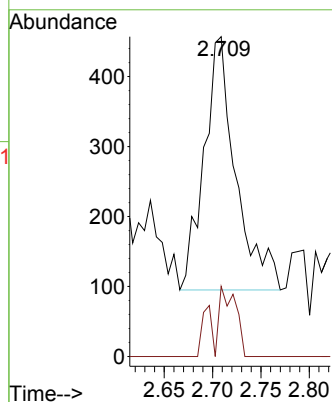
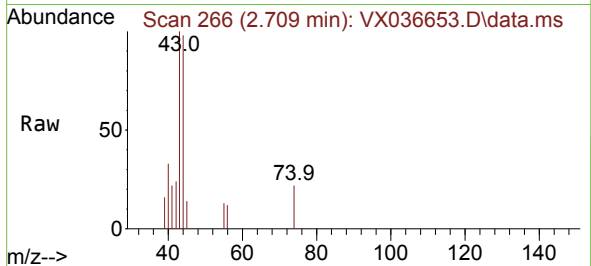




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

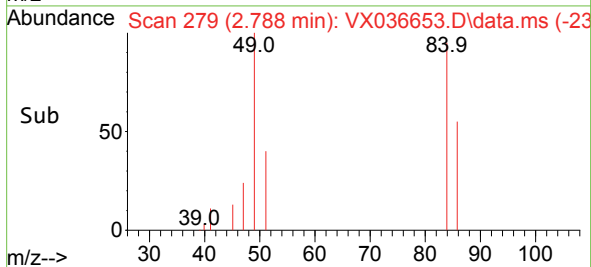
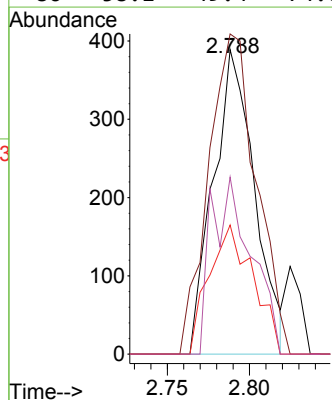
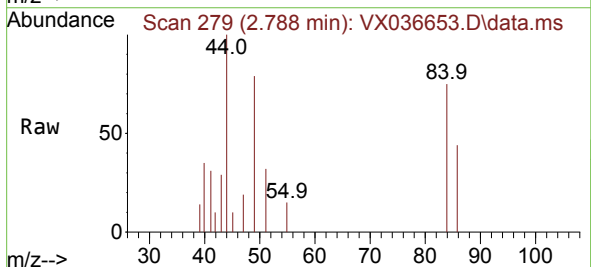
Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

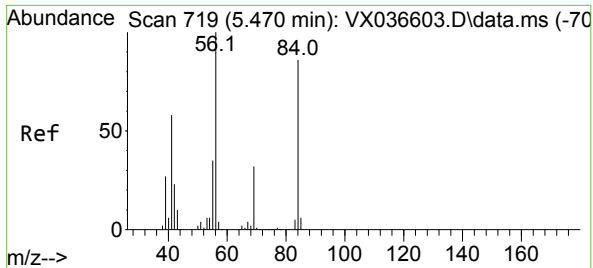
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
74 14.1 17.8 26.8#



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

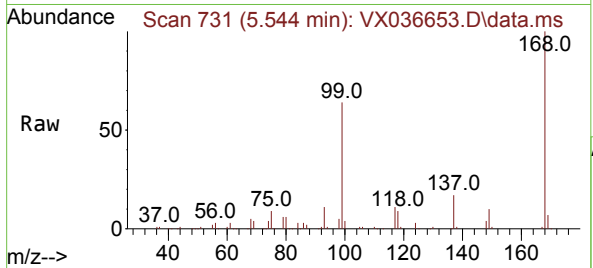
Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 105.1 103.6 155.4
51 42.4 33.8 50.6
86 58.1 49.4 74.0



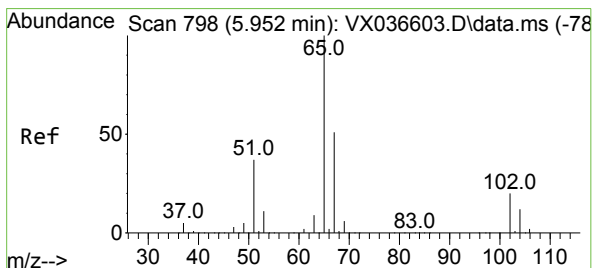
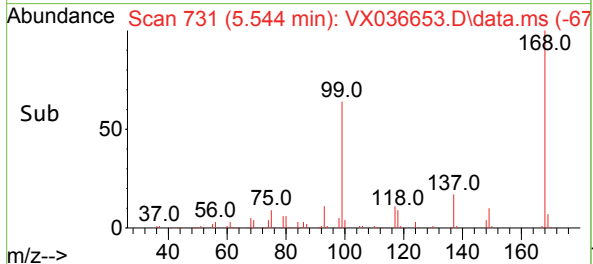
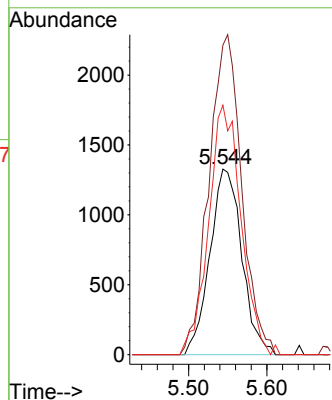


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

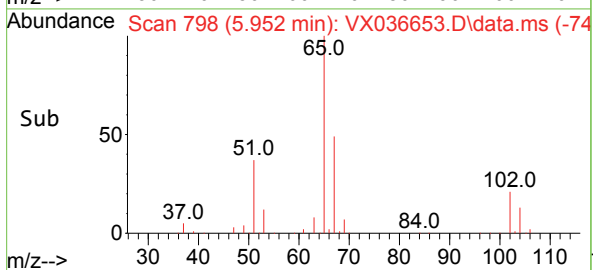
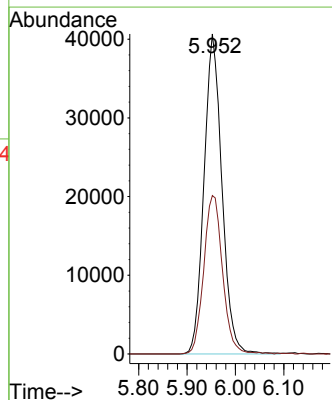
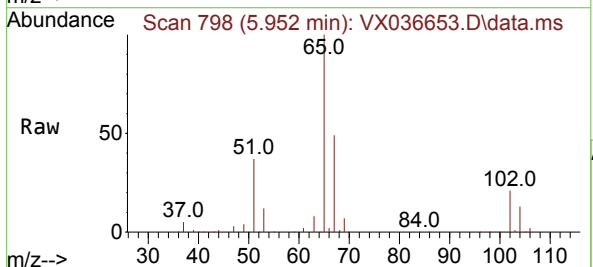


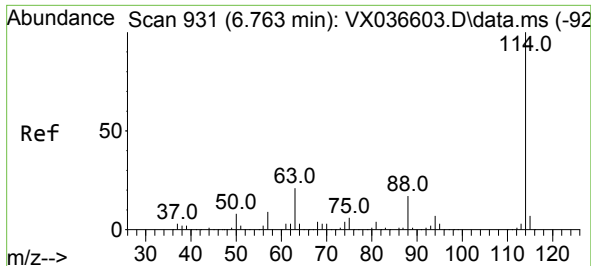
Tgt Ion: 56 Resp: 3756
Ion Ratio Lower Upper
56 100
69 166.9 23.4 35.2#
84 139.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.483 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion: 65 Resp: 104650
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

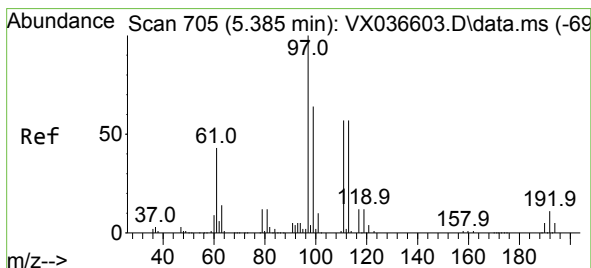
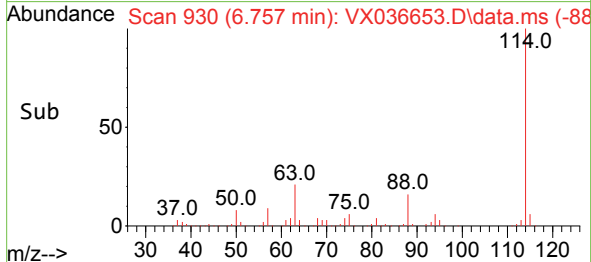
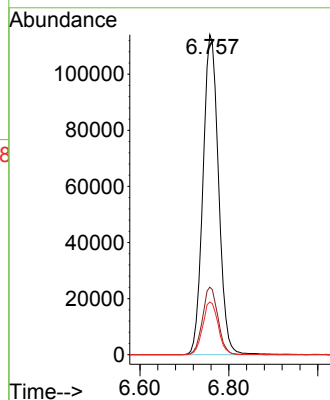
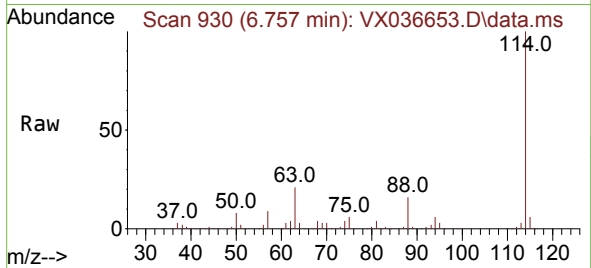




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

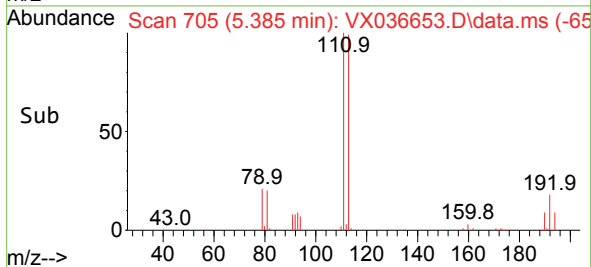
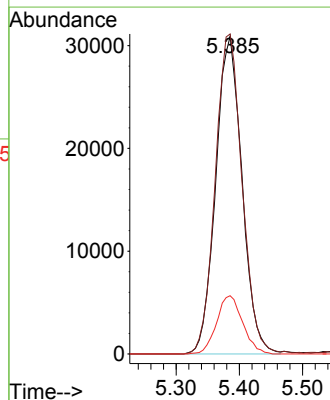
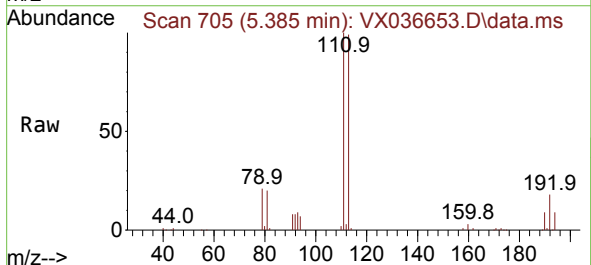
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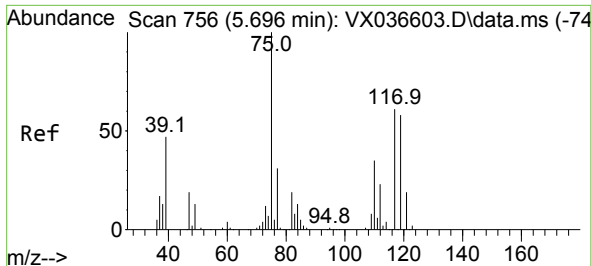
Tgt Ion:114 Resp: 278154
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion:113 Resp: 89082
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.2 13.3 19.9

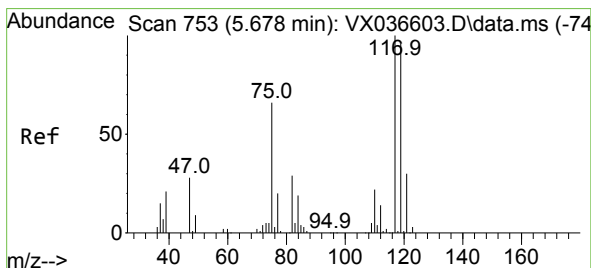
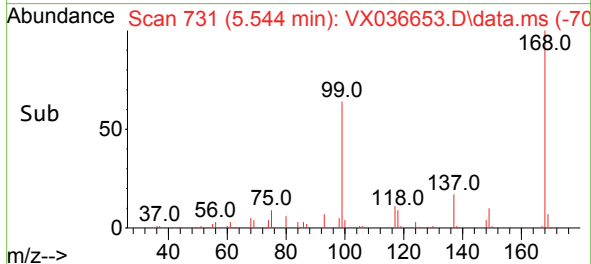
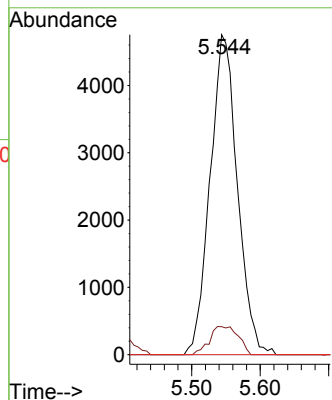
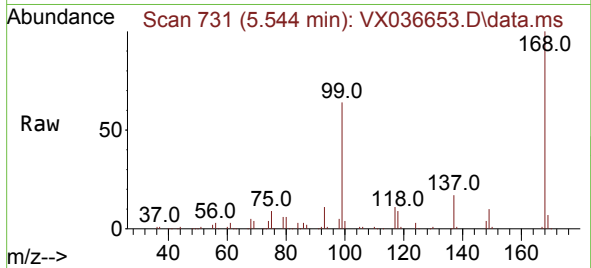




#36
 1,1-Dichloropropene
 Concen: 4.612 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.152 min
 Lab File: VX036653.D
 Acq: 25 Jul 2023 15:15

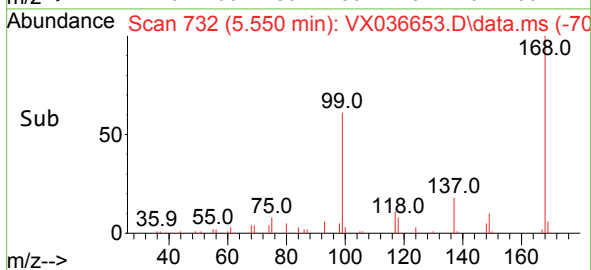
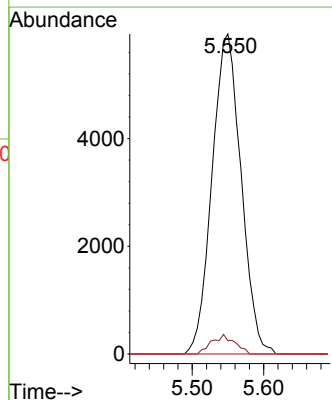
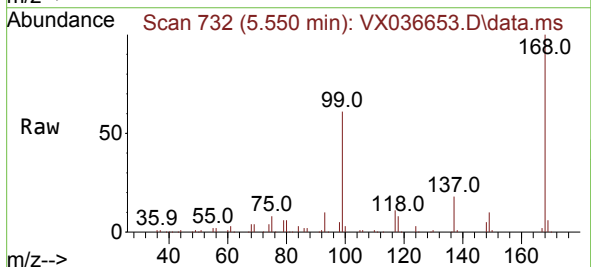
Instrument :
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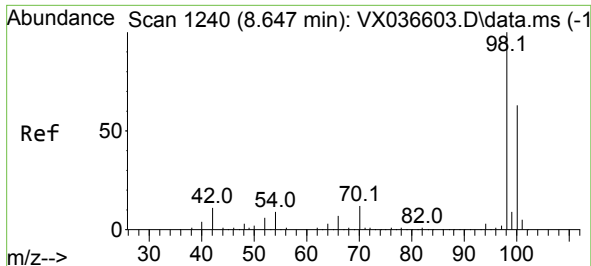
Tgt Ion: 75 Resp: 13143
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.525 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX036653.D
 Acq: 25 Jul 2023 15:15

Tgt Ion: 117 Resp: 16738
 Ion Ratio Lower Upper
 117 100
 119 4.2 78.2 117.2#
 121 0.0 24.4 36.6#

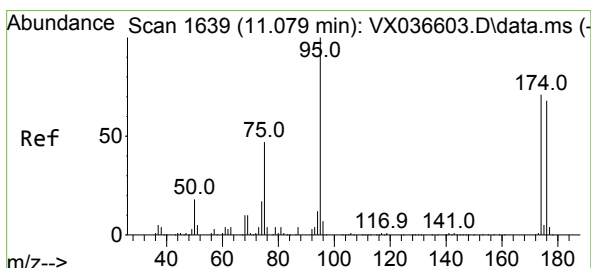
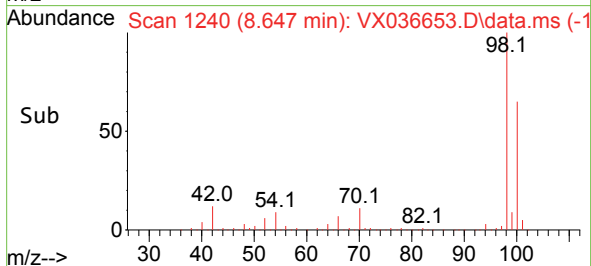
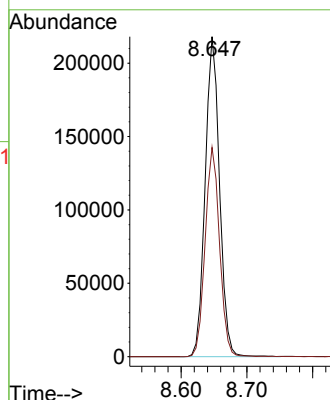
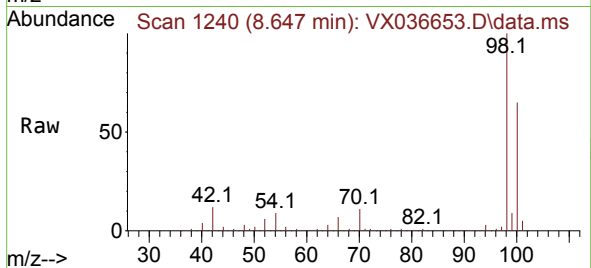




#50
Toluene-d8
Concen: 48.864 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

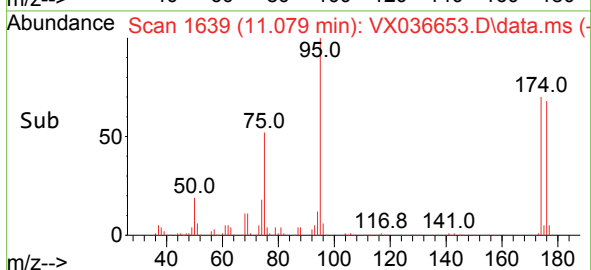
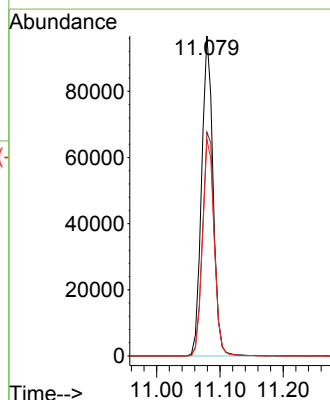
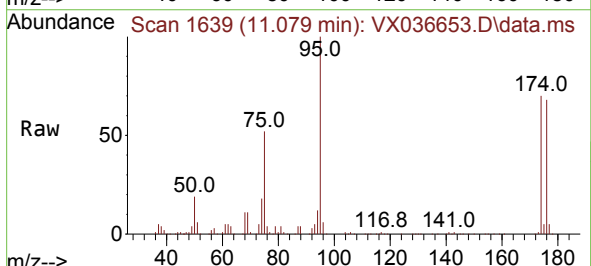
Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

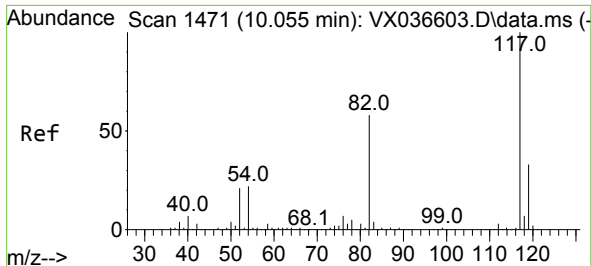
Tgt Ion: 98 Resp: 331293
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion: 95 Resp: 122093
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 69.0 0.0 131.0

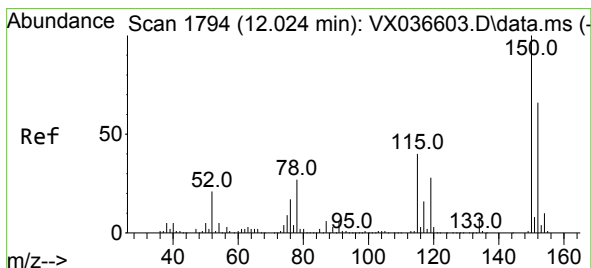
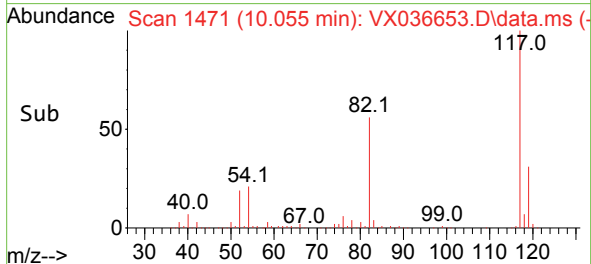
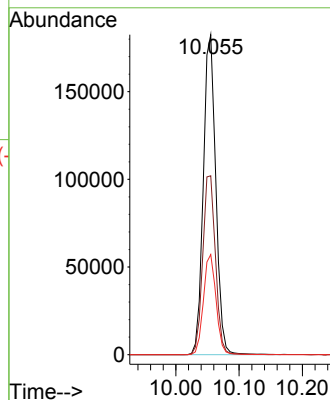
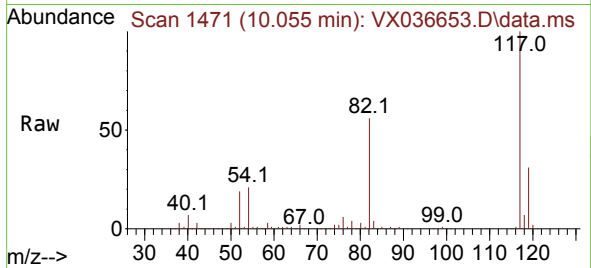




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

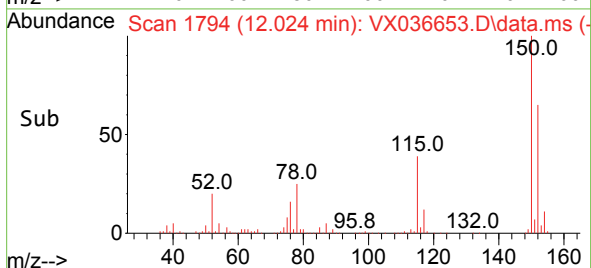
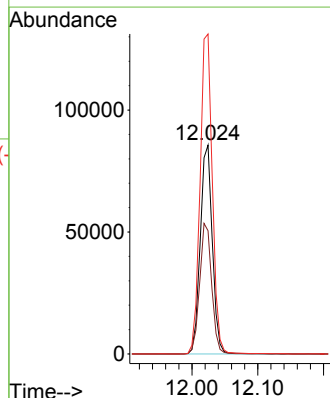
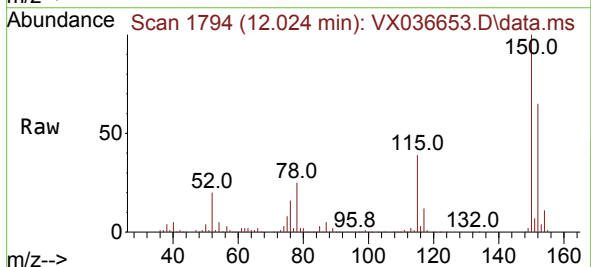
Instrument :
MSVOA_X
ClientSampleId :
TB-20230725

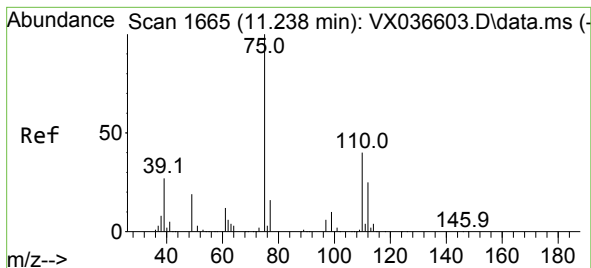
Tgt Ion:117 Resp: 251073
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036653.D
Acq: 25 Jul 2023 15:15

Tgt Ion:152 Resp: 108842
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.688 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX036653.D

Acq: 25 Jul 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

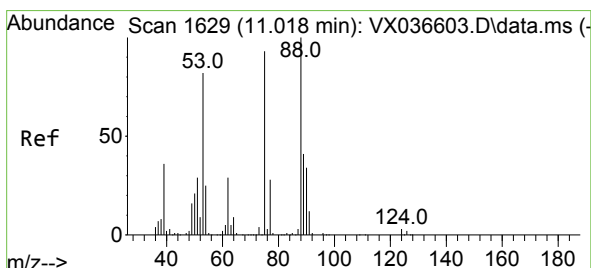
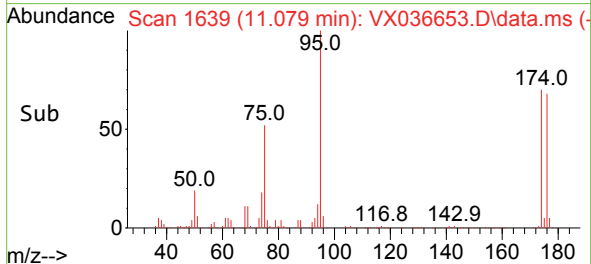
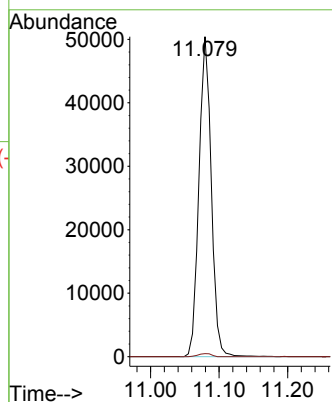
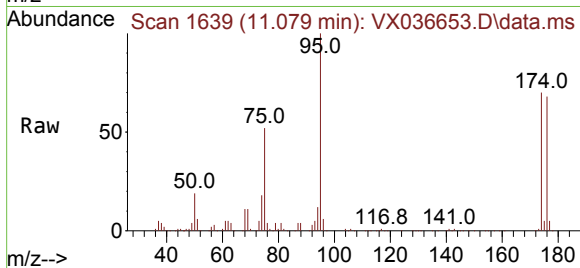
TB-20230725

Tgt Ion: 75 Resp: 63204

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036653.D

Acq: 25 Jul 2023 15:15

Tgt Ion: 75 Resp: 63204

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

