

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036676.D
 Acq On : 27 Jul 2023 15:04
 Operator : JC/MD
 Sample : 03767-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:12:43 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)

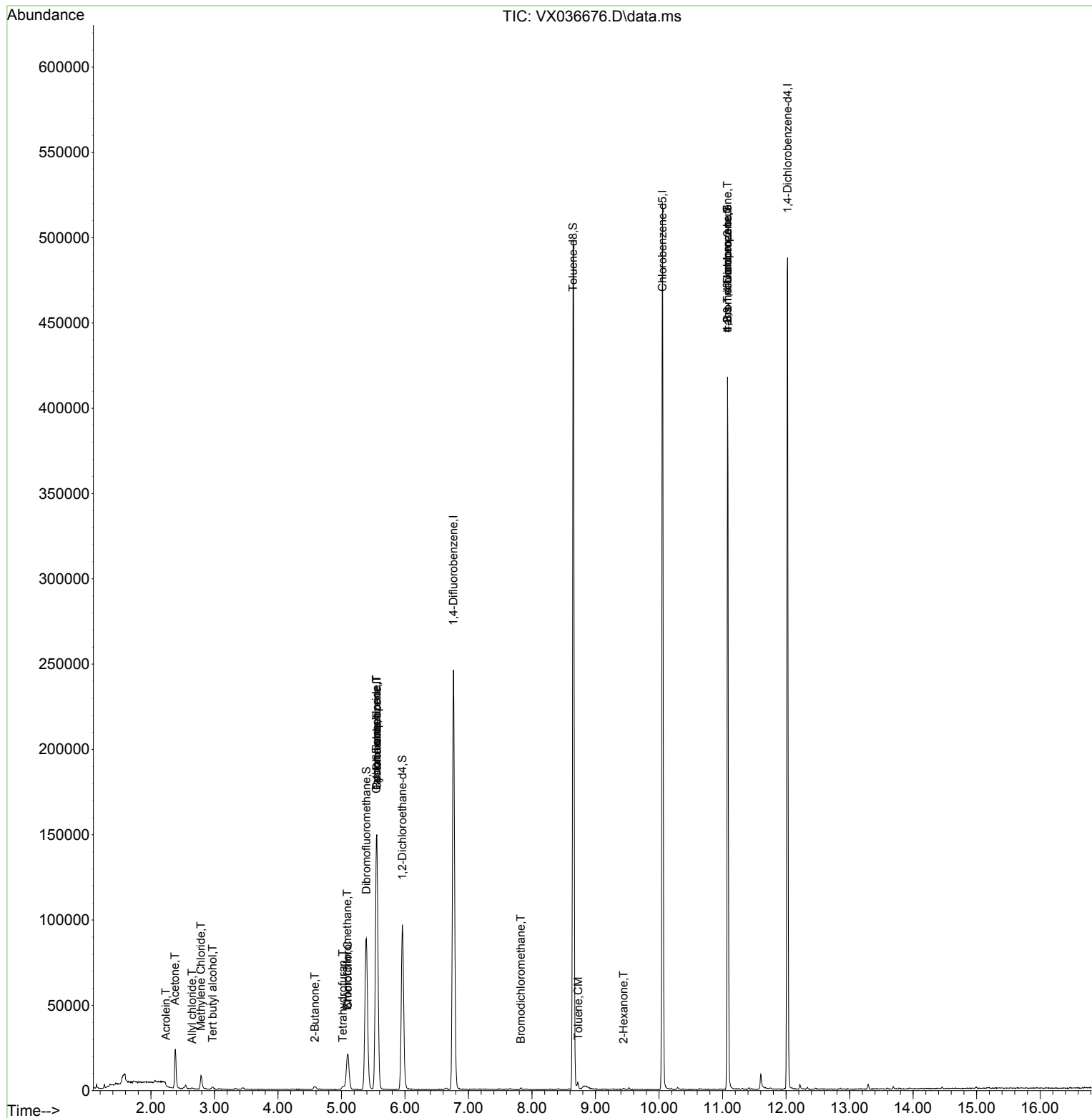
Internal Standards						
1) Pentafluorobenzene	5.556	168	140335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92471	44.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.060%		
35) Dibromofluoromethane	5.391	113	79053	46.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.580%		
50) Toluene-d8	8.647	98	300560	49.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.260%		
62) 4-Bromofluorobenzene	11.079	95	110468	48.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.700%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	1552	3.157	ug/l #	59
13) Acrolein	2.233	56	368	1.312	ug/l #	14
14) Allyl chloride	2.648	41	627	0.203	ug/l #	42
16) Acetone	2.380	43	25064	29.088	ug/l	90
20) Methylene Chloride	2.788	84	4058	2.118	ug/l	89
25) 2-Butanone	4.580	43	2884	2.063	ug/l	96
28) Bromochloromethane	5.093	49	2195	1.378	ug/l #	16
29) Tetrahydrofuran	5.019	42	1946	2.159	ug/l #	77
30) Chloroform	5.099	83	25786	7.651	ug/l	94
31) Cyclohexane	5.556	56	3390	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11543	4.535	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14582	5.389	ug/l #	15
47) Bromodichloromethane	7.824	83	859	0.302	ug/l #	90
52) Toluene	8.726	92	994	0.214	ug/l	83
59) 2-Hexanone	9.439	43	903	0.443	ug/l	70
76) 1,2,3-Trichloropropane	11.079	75	58589	24.592	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58589	55.738	ug/l #	5

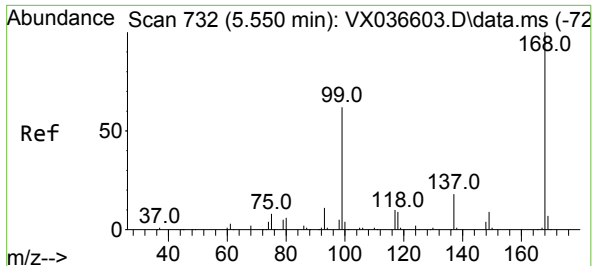
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

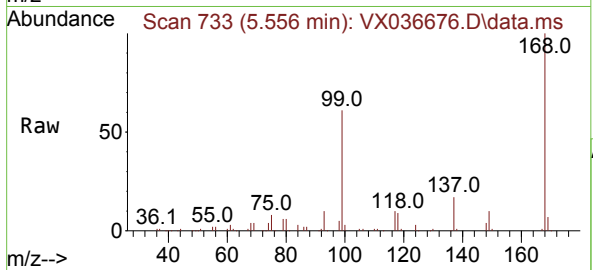
Quant Time: Jul 28 06:12:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



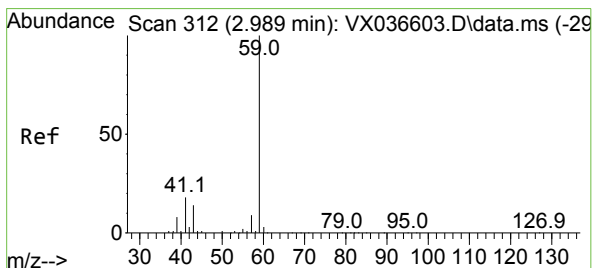
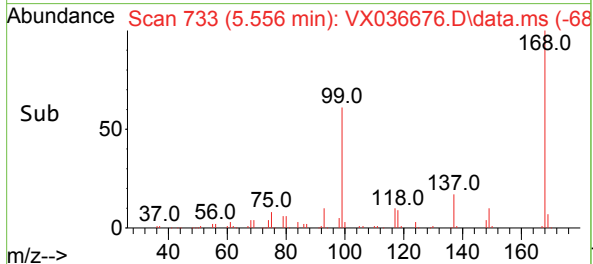
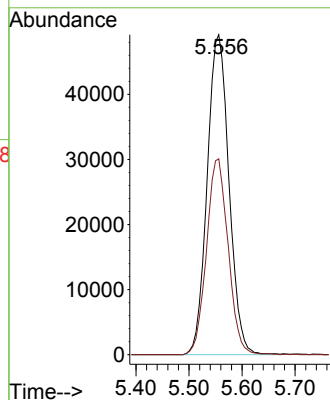


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

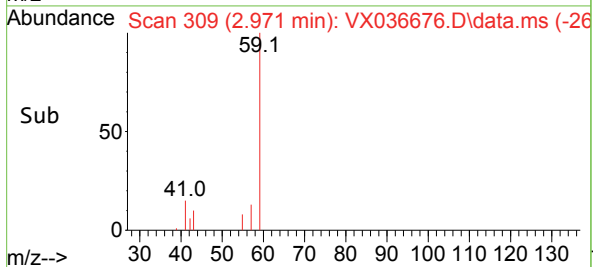
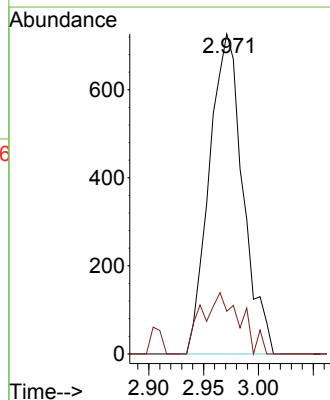
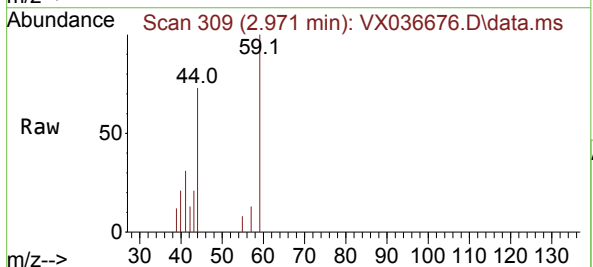


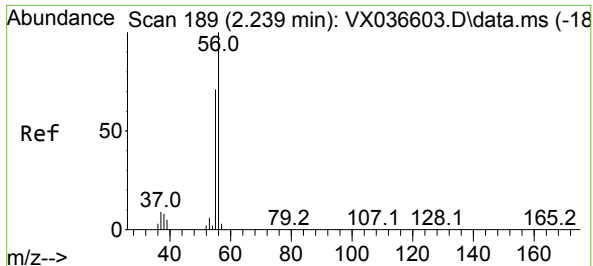
Tgt Ion:168 Resp: 140335
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.157 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 59 Resp: 1552
Ion Ratio Lower Upper
59 100
57 21.8 6.0 9.0#

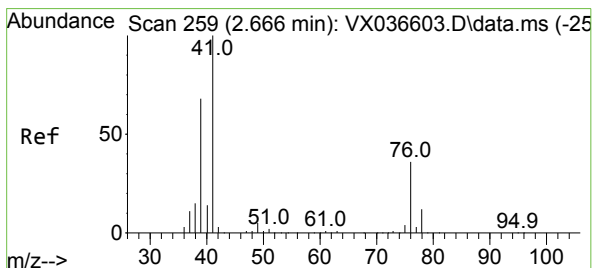
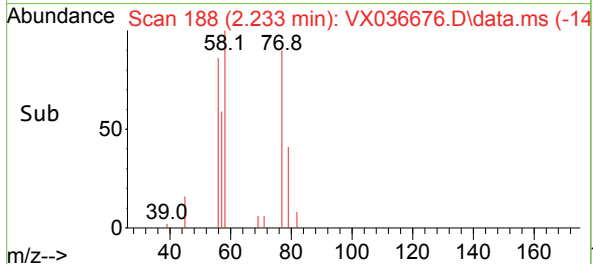
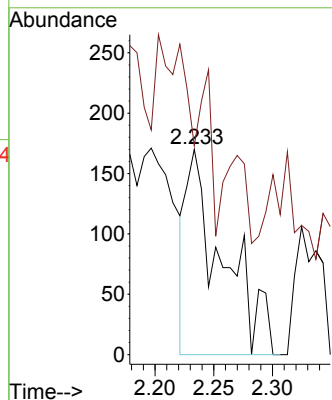
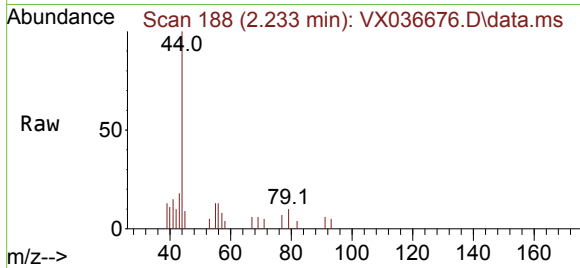




#13
Acrolein
Concen: 1.312 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

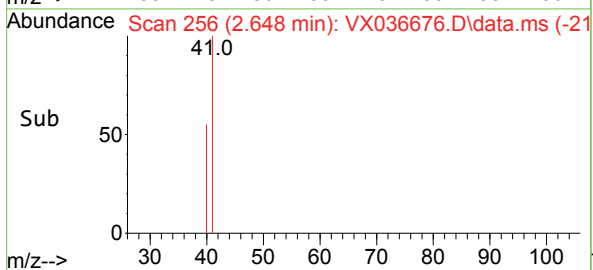
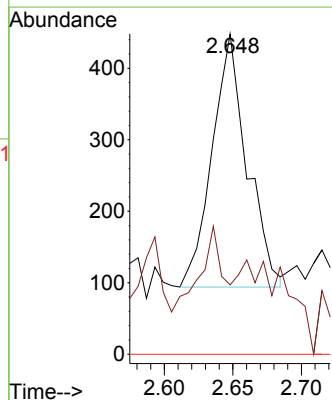
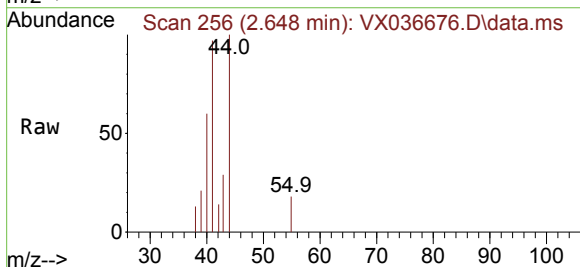
Instrument :
MSVOA_X
ClientSampleId :

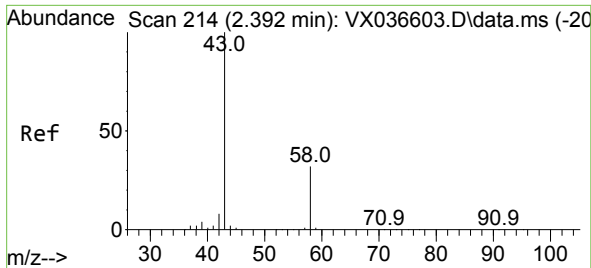
Tgt Ion: 56 Resp: 368
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 0.203 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 41 Resp: 627
Ion Ratio Lower Upper
41 100
39 21.1 55.8 83.6#
76 0.0 24.3 36.5#

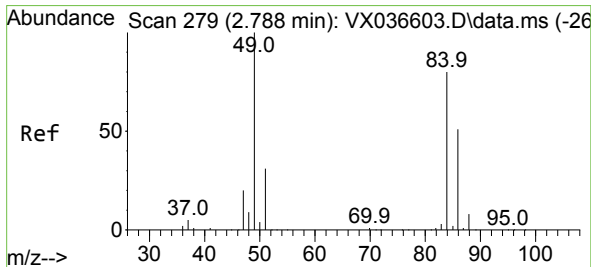
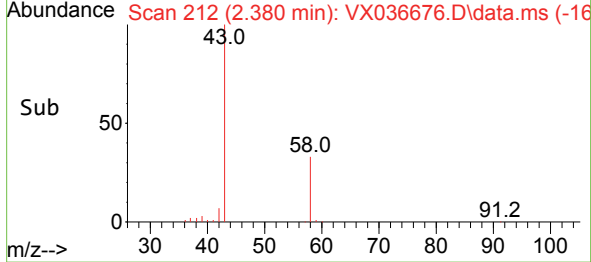
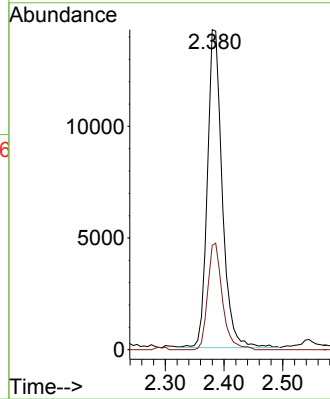
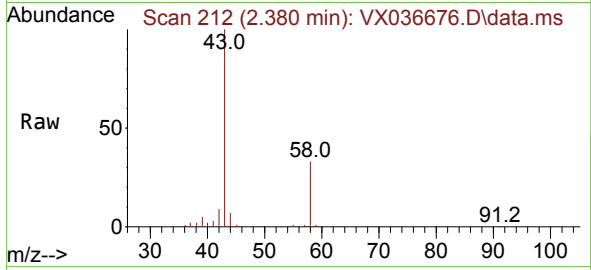




#16
Acetone
Concen: 29.088 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

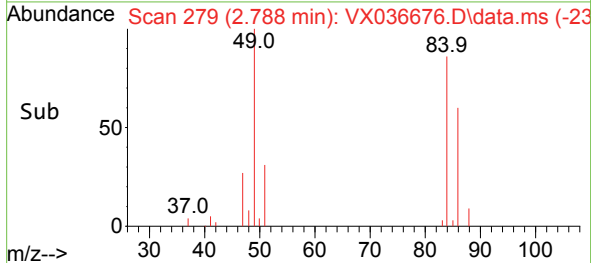
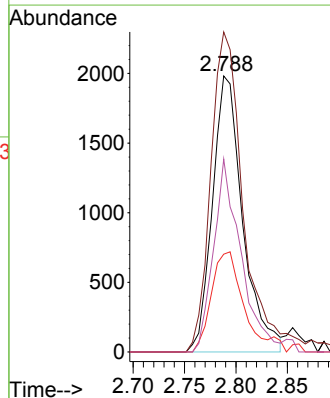
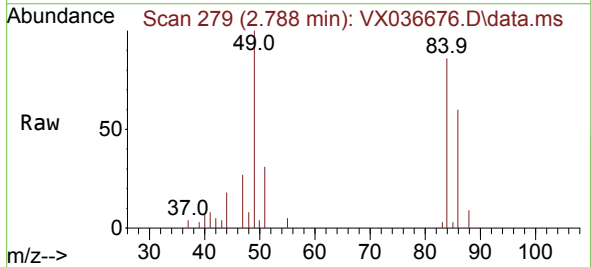
Instrument :
MSVOA_X
ClientSampleId :

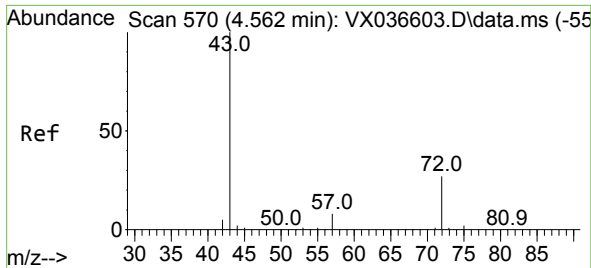
Tgt Ion: 43 Resp: 25064
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#20
Methylene Chloride
Concen: 2.118 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 84 Resp: 4058
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 35.4 33.8 50.6
86 69.9 49.4 74.0

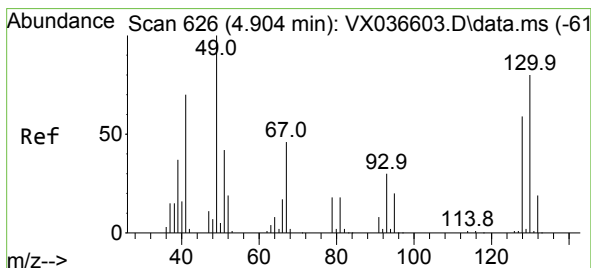
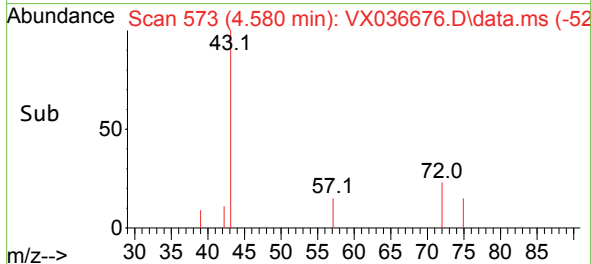
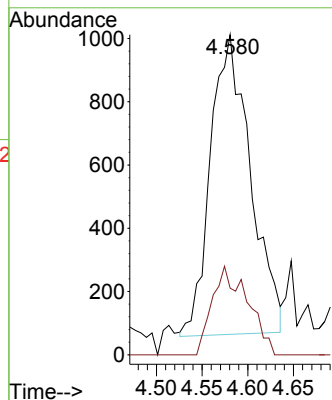
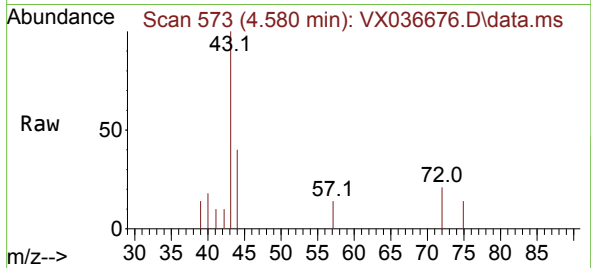




#25
2-Butanone
Concen: 2.063 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

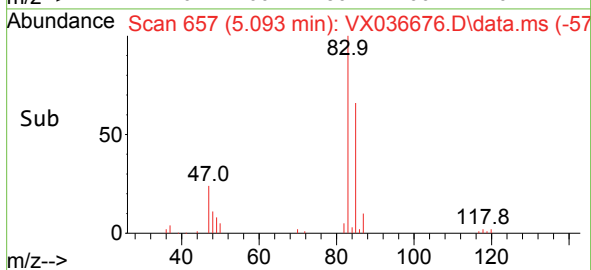
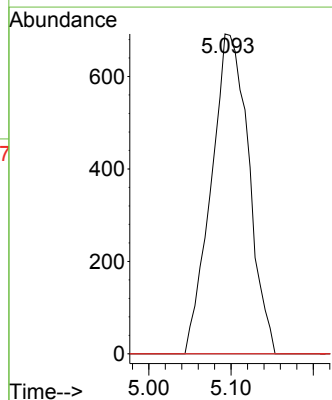
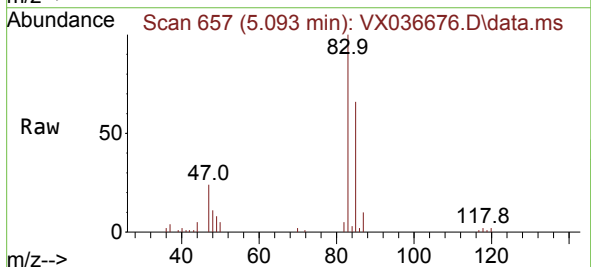
Instrument :
MSVOA_X
ClientSampleId :

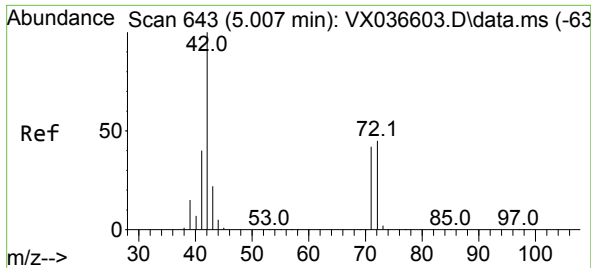
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.2



#28
Bromochloromethane
Concen: 1.378 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.189 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 49 Resp: 2195
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 2.159 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

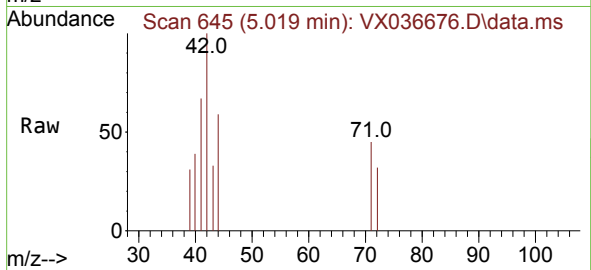
Lab File: VX036676.D

Acq: 27 Jul 2023 15:04

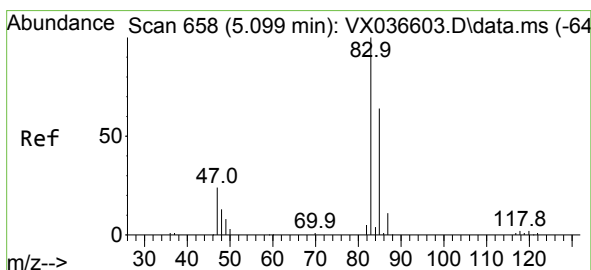
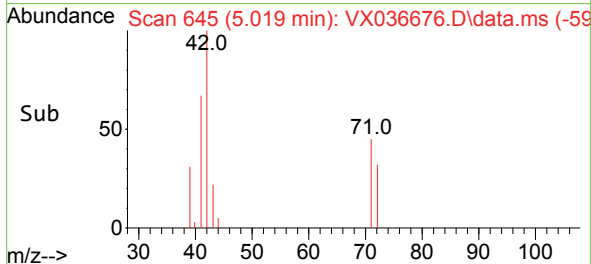
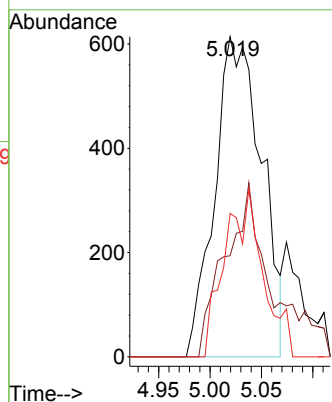
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	1946
Ion	Ratio	Lower	Upper
42	100		
72	54.1	34.2	51.4#
71	22.3	32.2	48.2#



#30

Chloroform

Concen: 7.651 ug/l

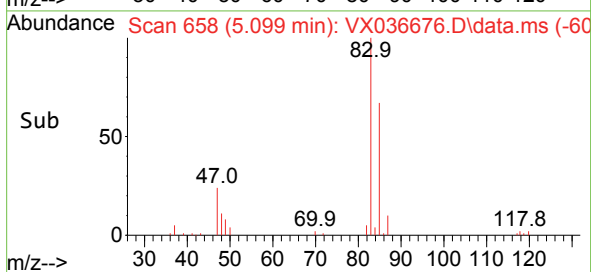
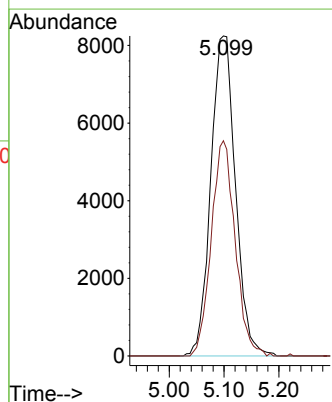
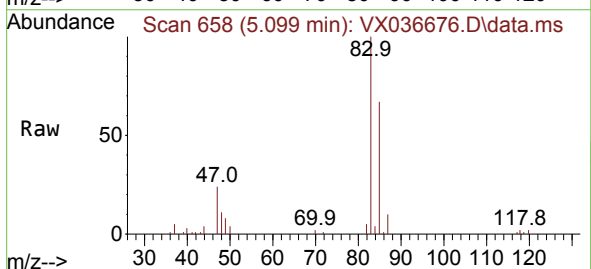
RT: 5.099 min Scan# 658

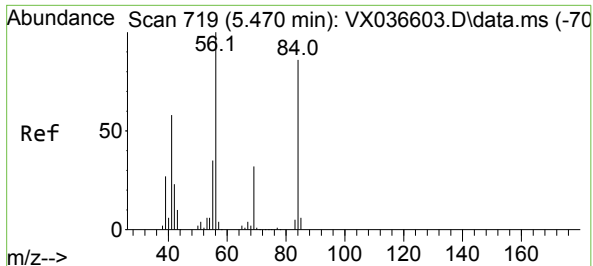
Delta R.T. 0.000 min

Lab File: VX036676.D

Acq: 27 Jul 2023 15:04

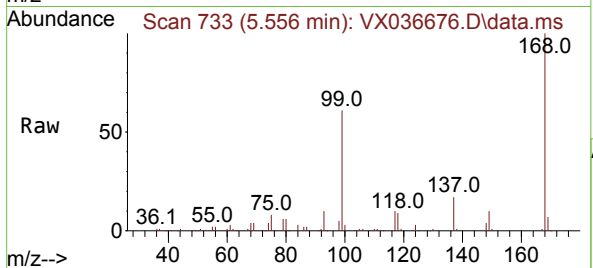
Tgt Ion:	83	Resp:	25786
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.3	75.5



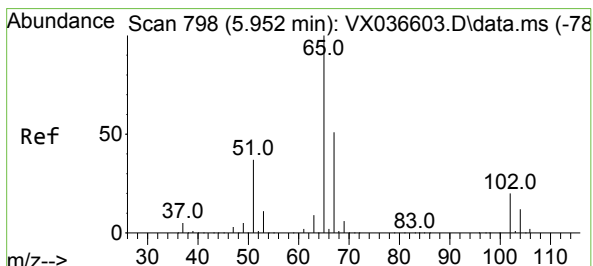
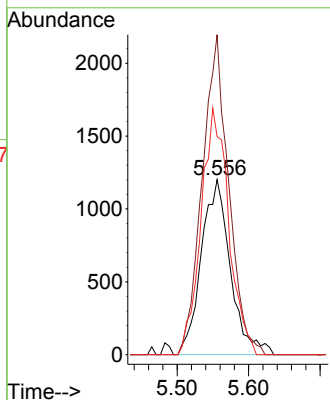
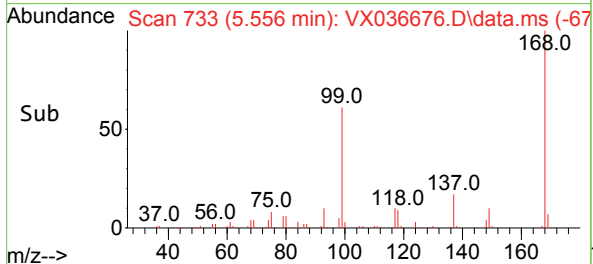


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

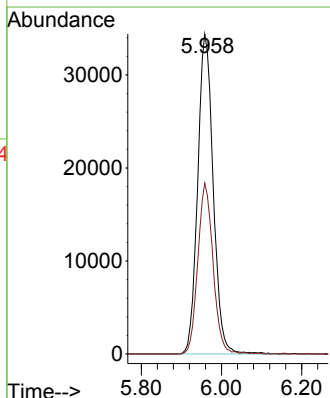
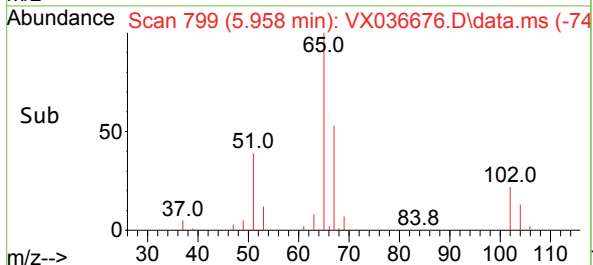
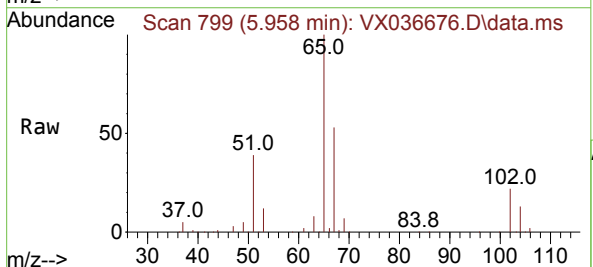


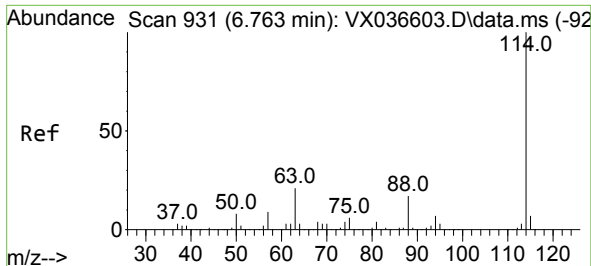
Tgt Ion: 56 Resp: 3390
Ion Ratio Lower Upper
56 100
69 182.8 23.4 35.2#
84 124.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.533 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

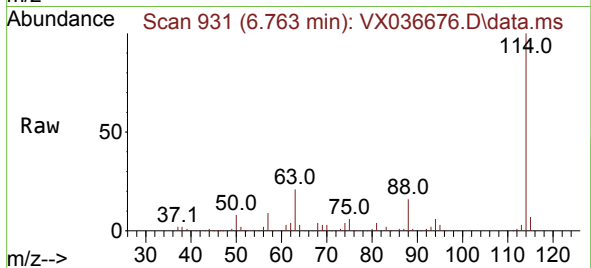
Tgt Ion: 65 Resp: 92471
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



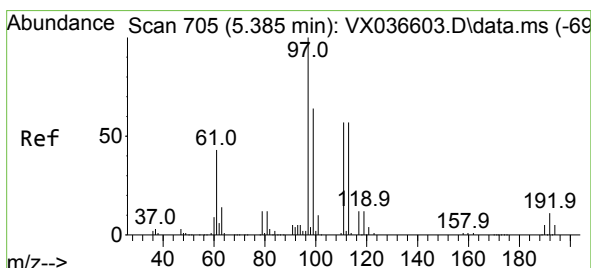
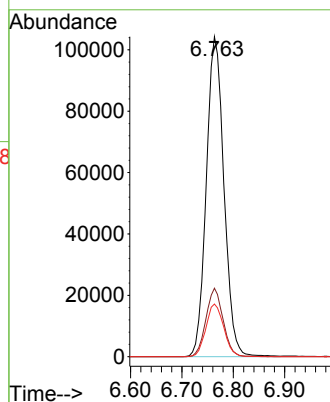
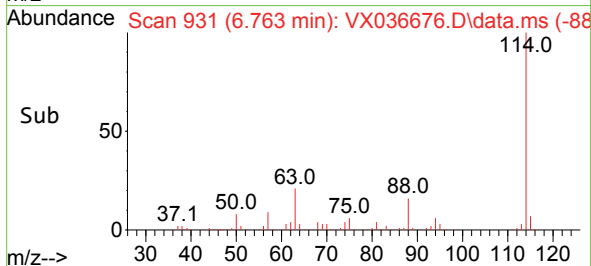


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

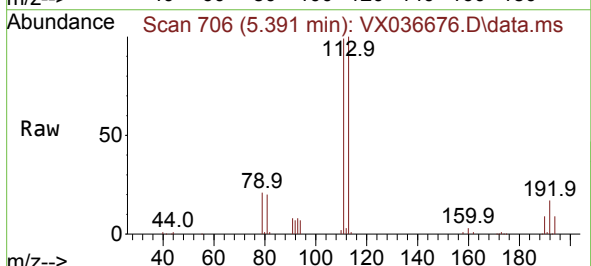
Instrument :
MSVOA_X
ClientSampleId :



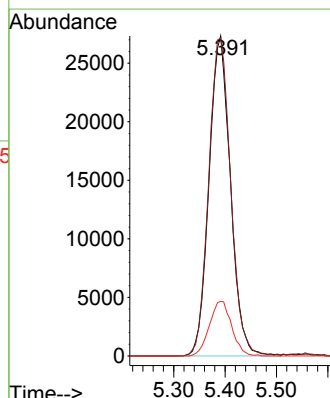
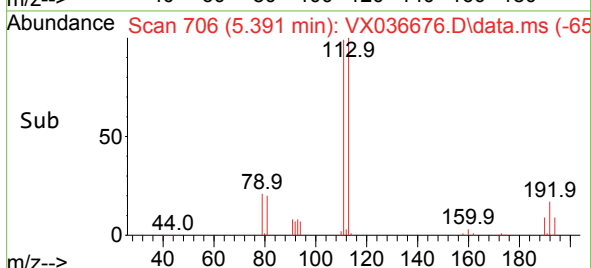
Tgt Ion:114 Resp: 248450
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.4 0.0 36.6

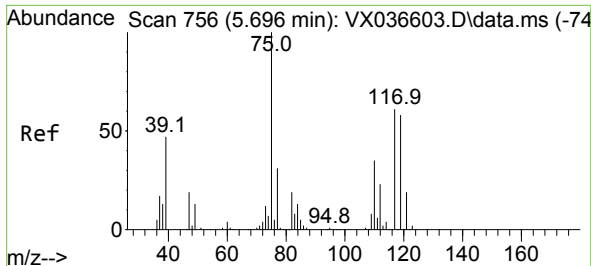


#35
Dibromofluoromethane
Concen: 46.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04



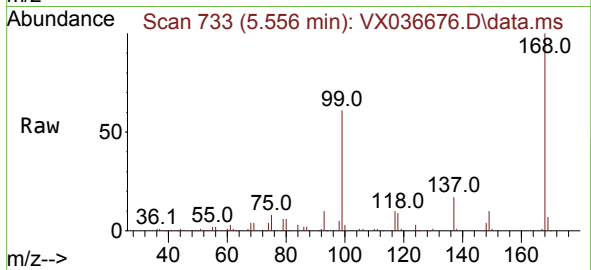
Tgt Ion:113 Resp: 79053
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.8 13.3 19.9



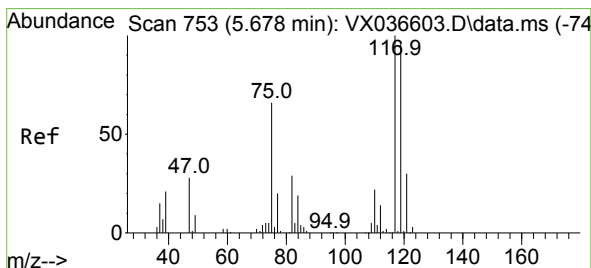
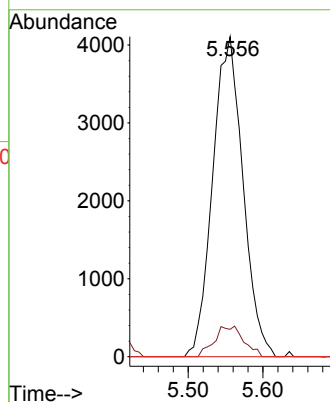
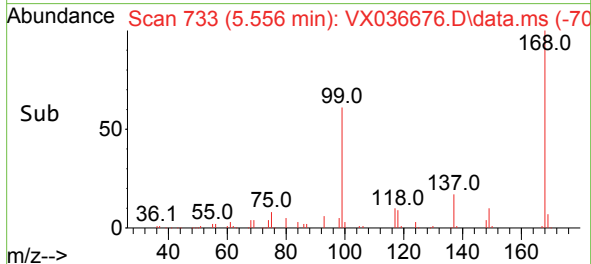


#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

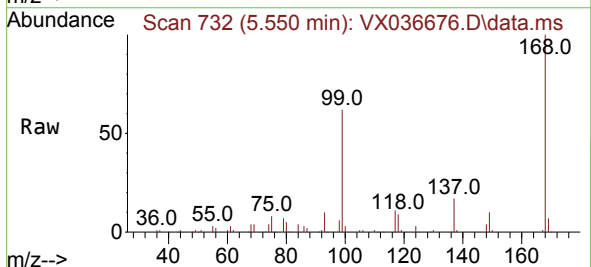
Instrument :
MSVOA_X
ClientSampleId :



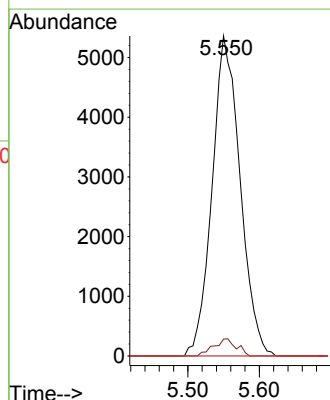
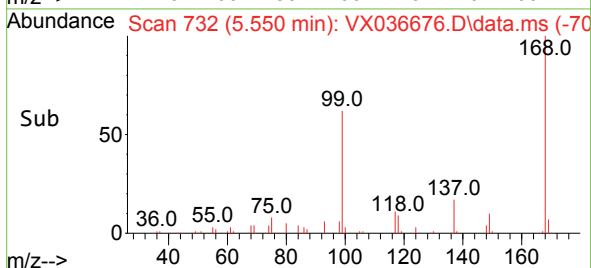
Tgt Ion: 75 Resp: 11543
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

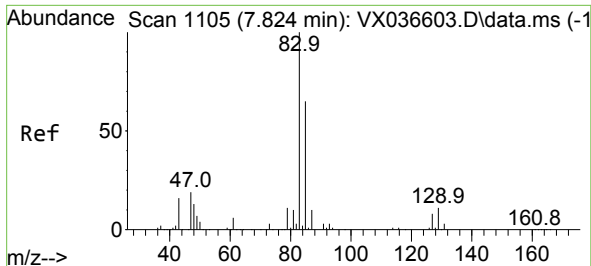


#38
Carbon Tetrachloride
Concen: 5.389 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04



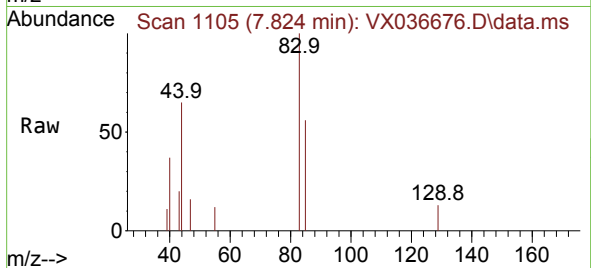
Tgt Ion: 117 Resp: 14582
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



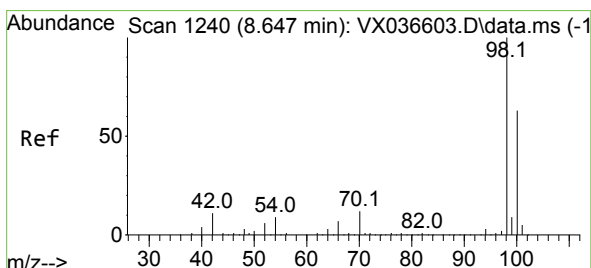
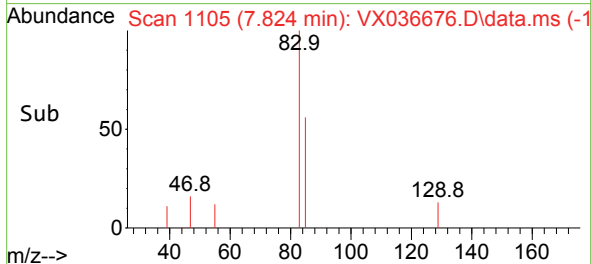
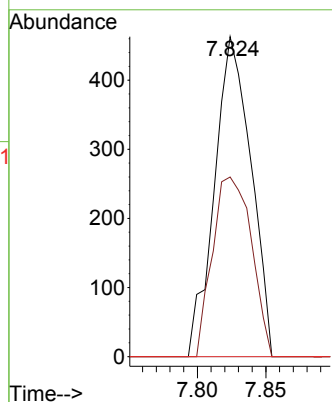


#47
Bromodichloromethane
Concen: 0.302 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

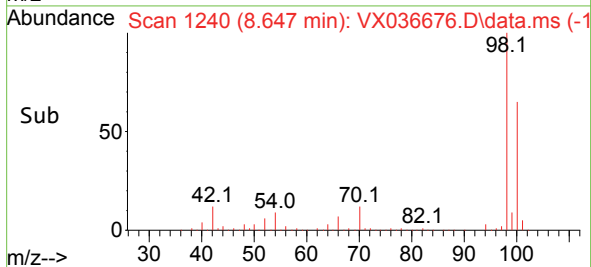
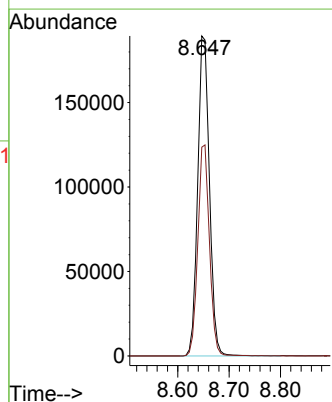
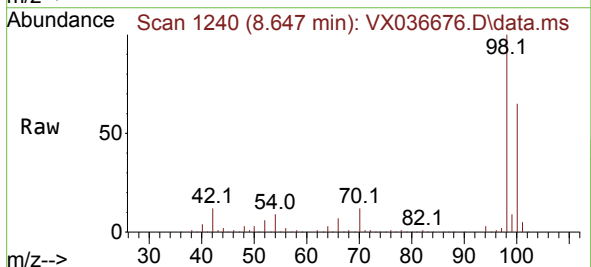


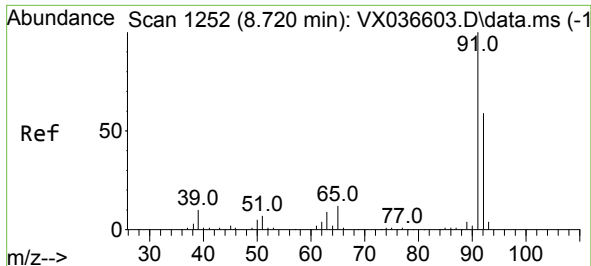
Tgt Ion: 83 Resp: 859
Ion Ratio Lower Upper
83 100
85 56.2 49.8 74.6
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 49.631 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 98 Resp: 300560
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

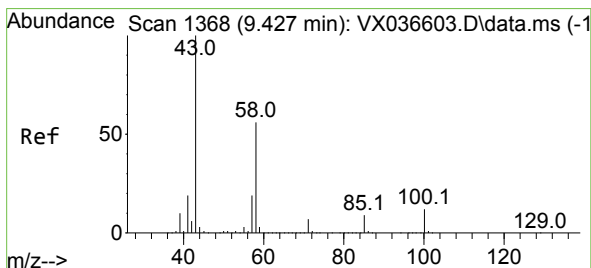
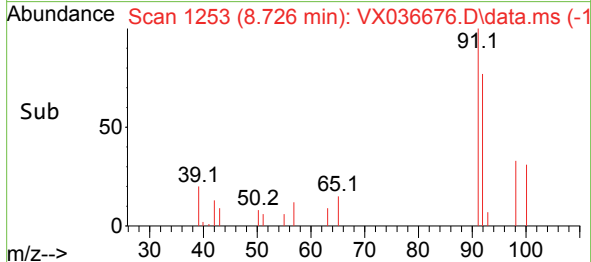
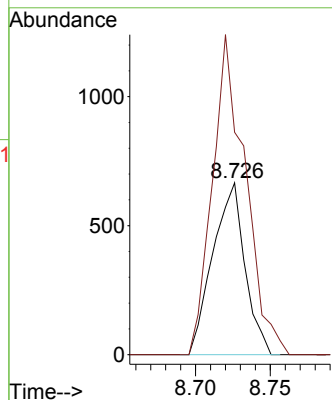
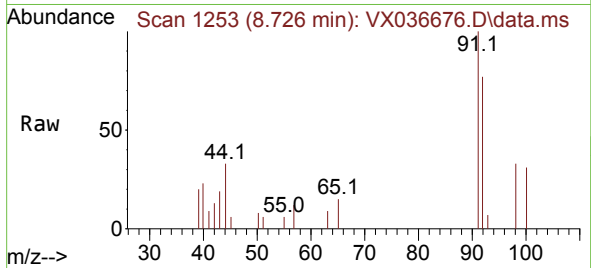




#52
Toluene
Concen: 0.214 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

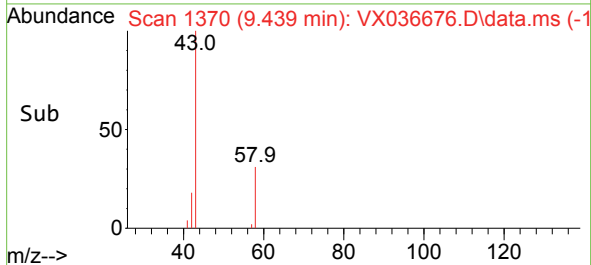
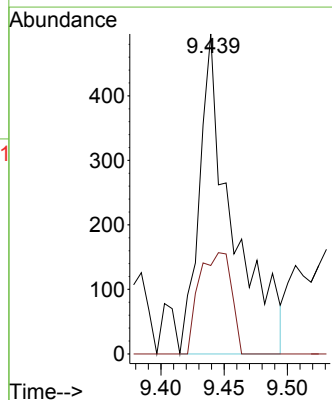
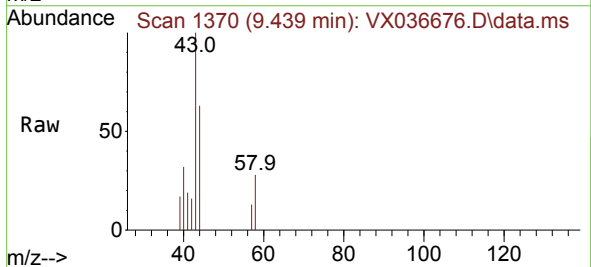
Instrument :
MSVOA_X
ClientSampleId :

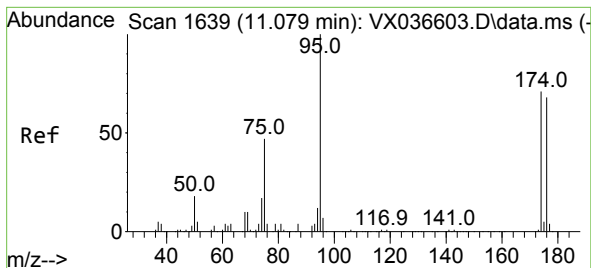
Tgt Ion: 92 Resp: 994
Ion Ratio Lower Upper
92 100
91 190.5 134.2 201.2



#59
2-Hexanone
Concen: 0.443 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 30.9 26.2 78.5

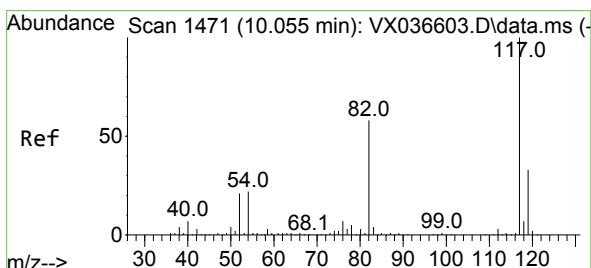
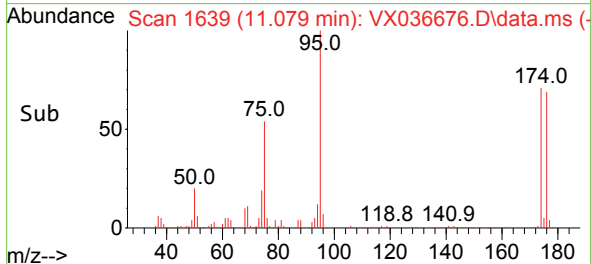
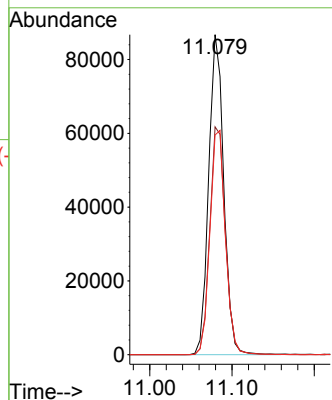
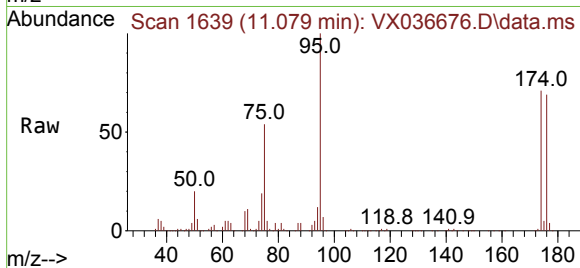




#62
4-Bromofluorobenzene
Concen: 48.349 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

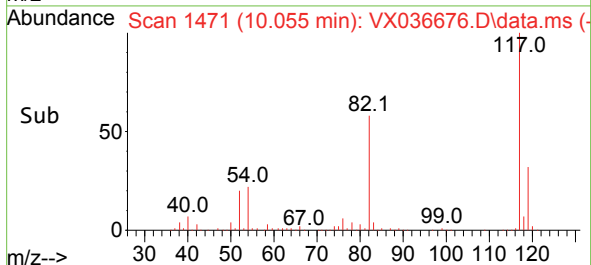
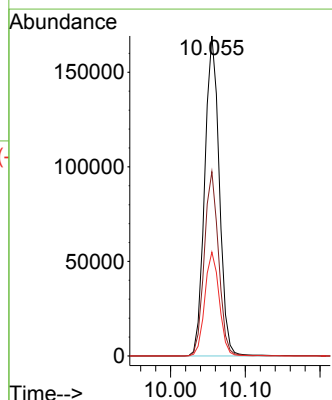
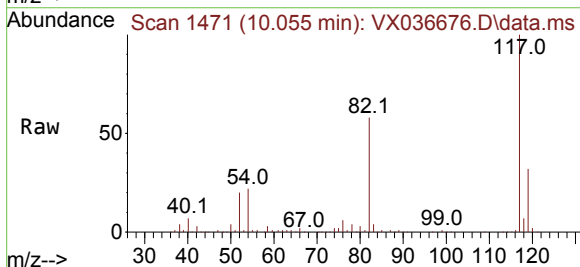
Instrument :
MSVOA_X
ClientSampleId :

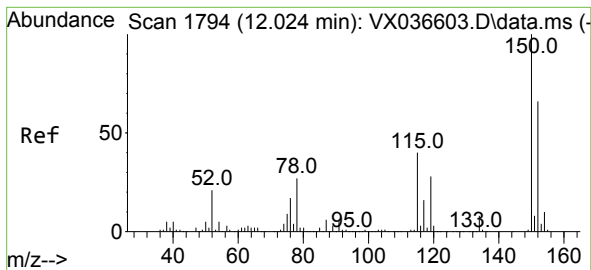
Tgt Ion: 95 Resp: 110468
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036676.D
Acq: 27 Jul 2023 15:04

Tgt Ion: 117 Resp: 229146
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.5 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: VX036676.D

Acq: 27 Jul 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

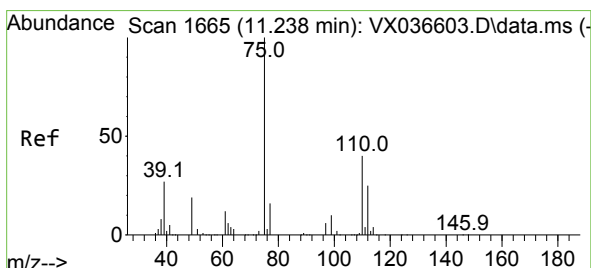
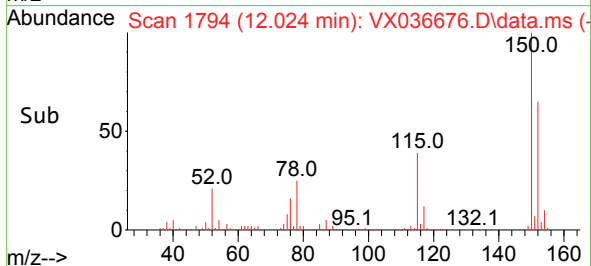
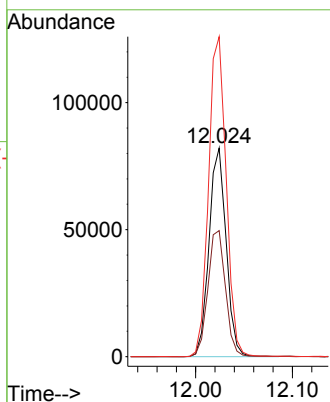
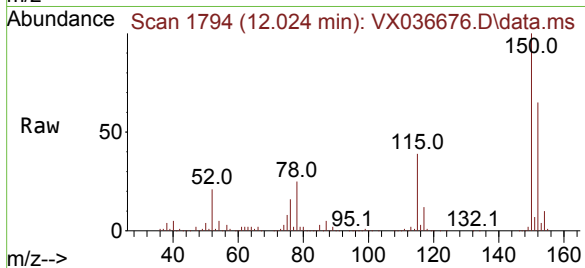
Tgt Ion:152 Resp: 101291

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.592 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036676.D

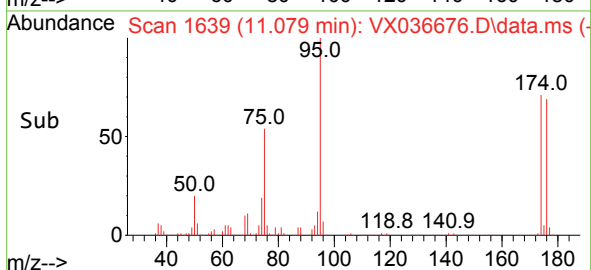
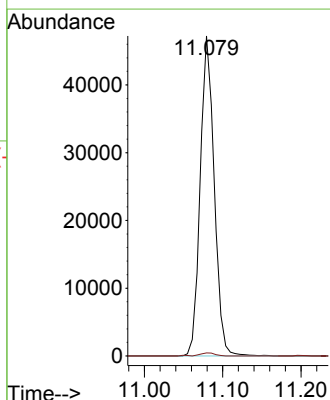
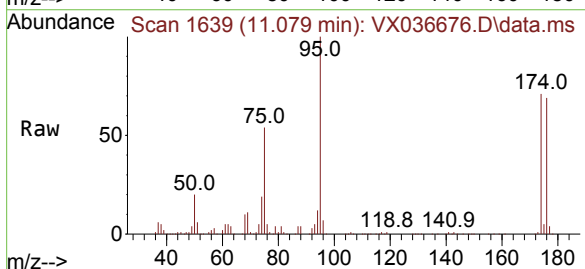
Acq: 27 Jul 2023 15:04

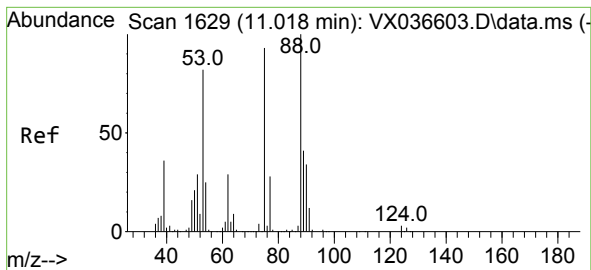
Tgt Ion: 75 Resp: 58589

Ion Ratio Lower Upper

75 100

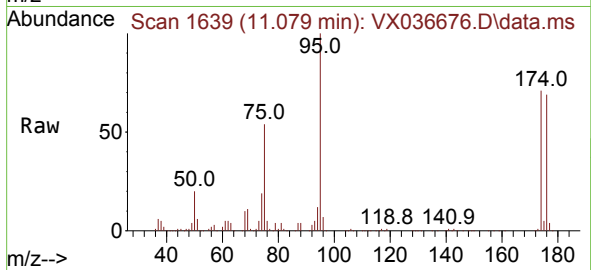
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.738 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036676.D
 Acq: 27 Jul 2023 15:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58589
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

