

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038209.D
 Acq On : 10 Oct 2023 18:15
 Operator : JC/MD
 Sample : 04782-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 11 01:41:29 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)

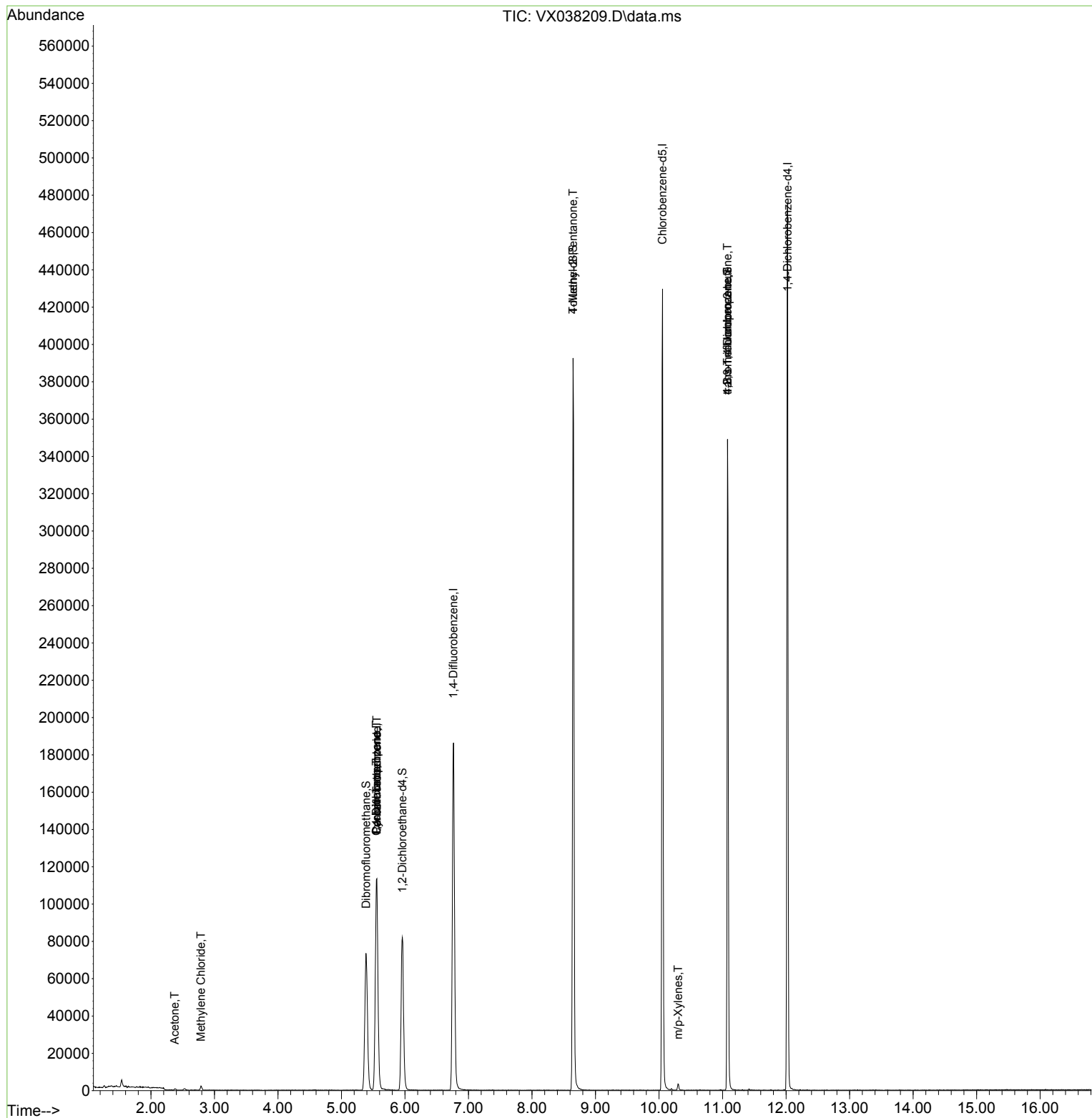
Internal Standards						
1) Pentafluorobenzene	5.556	168	105161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79563	47.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.385	113	62736	45.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.940%		
50) Toluene-d8	8.647	98	235531	44.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.360%#		
62) 4-Bromofluorobenzene	11.079	95	88074	44.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	20	Below Cal	#	3
6) Chloroethane	1.660	64	219	Below Cal	#	43
16) Acetone	2.374	43	774	1.096	ug/l #	72
20) Methylene Chloride	2.788	84	957	0.721	ug/l #	86
31) Cyclohexane	5.550	56	2730	1.490	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	9151	4.810	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11691	6.247	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1064	0.457	ug/l #	1
68) m/p-Xylenes	10.299	106	884	0.322	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	49061	21.983	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49061	63.046	ug/l #	5

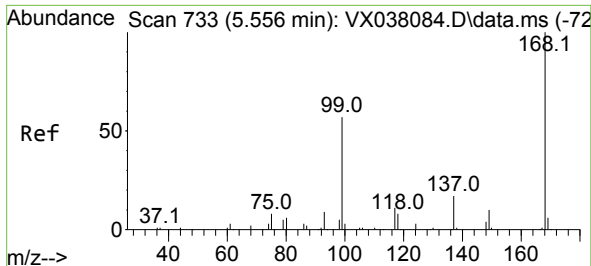
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
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Quant Time: Oct 11 01:41:29 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

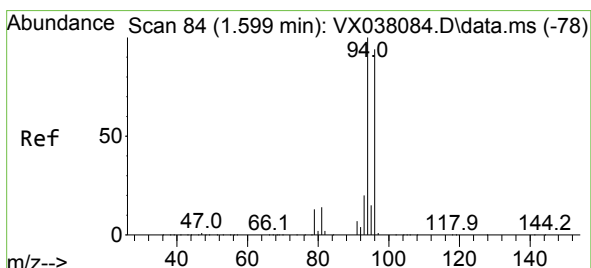
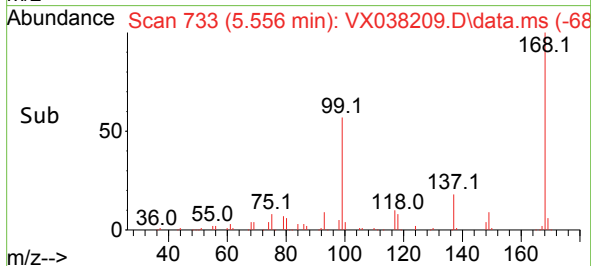
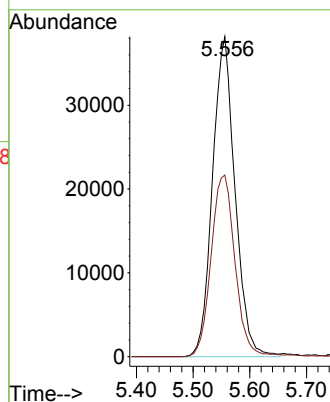
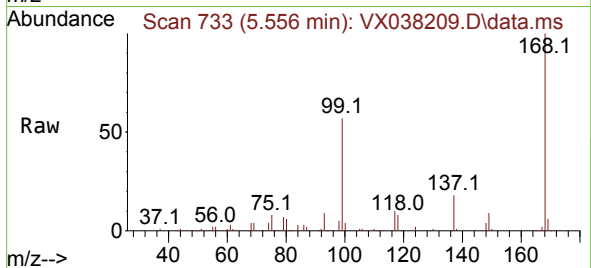




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

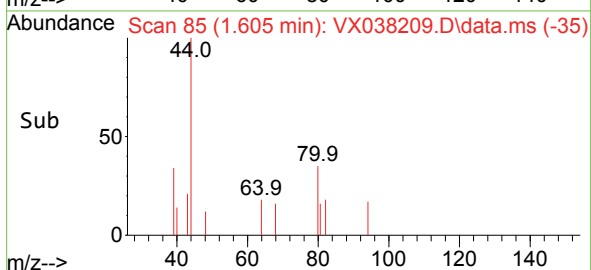
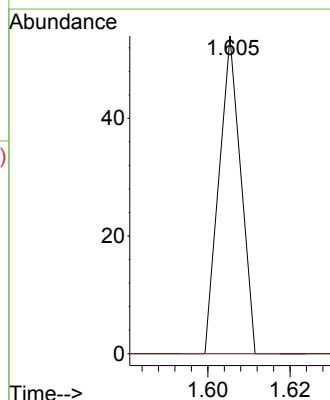
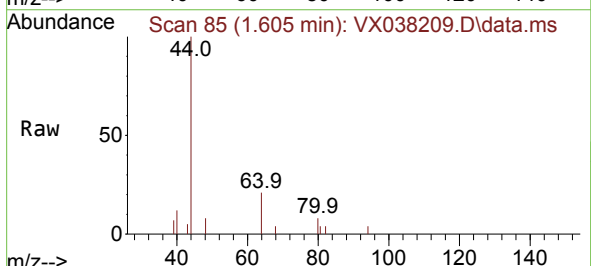
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 105161
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

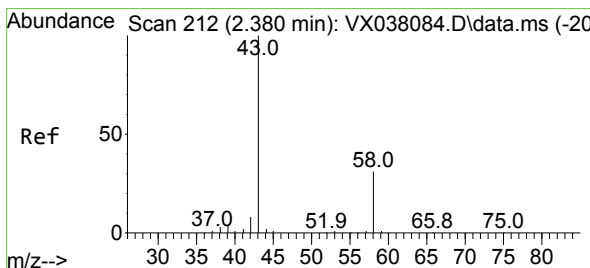
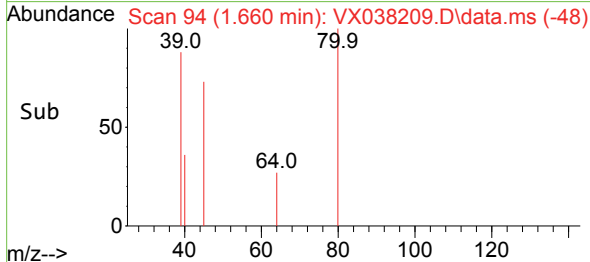
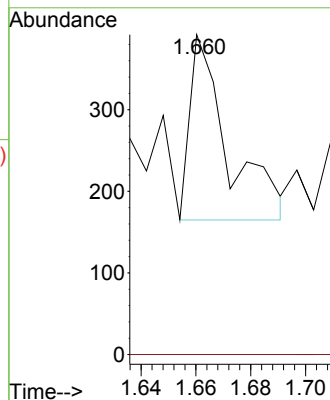
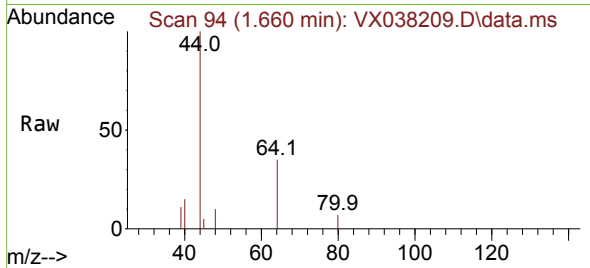




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

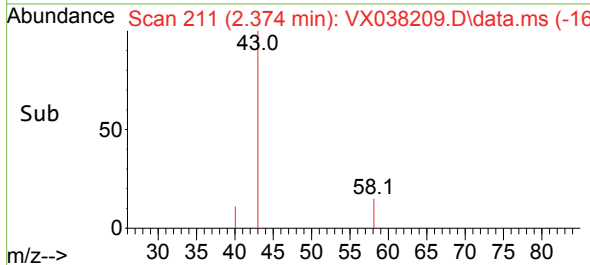
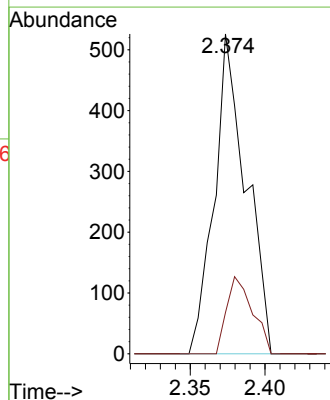
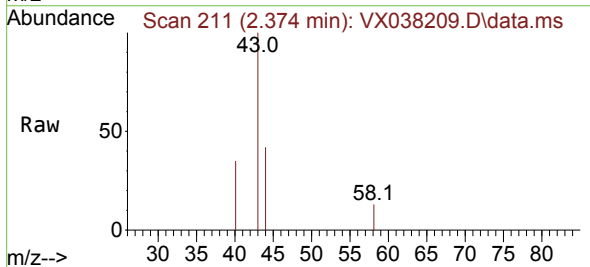
Instrument :
MSVOA_X
ClientSampleId :
TB

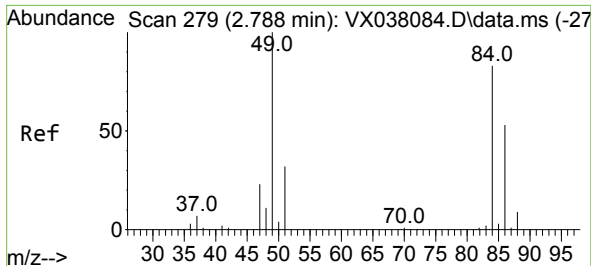
Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.096 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 12.9 21.9 32.9#



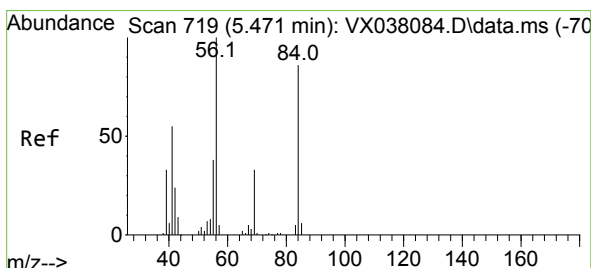
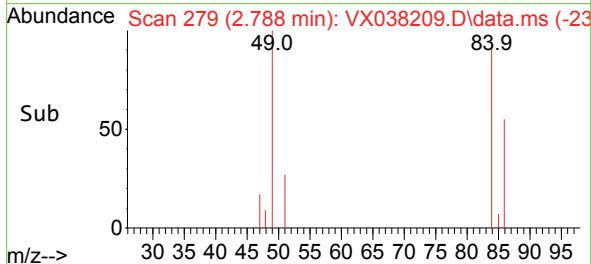
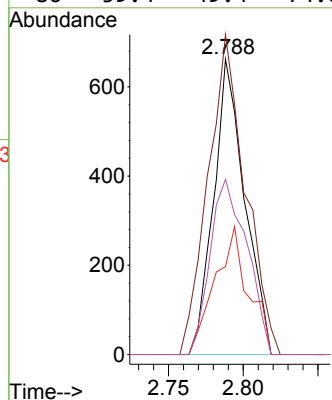
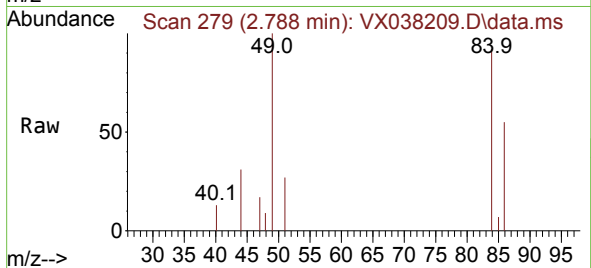


#20
Methylene Chloride
Concen: 0.721 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 84 Resp: 957

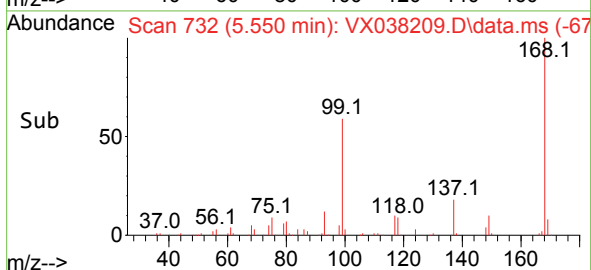
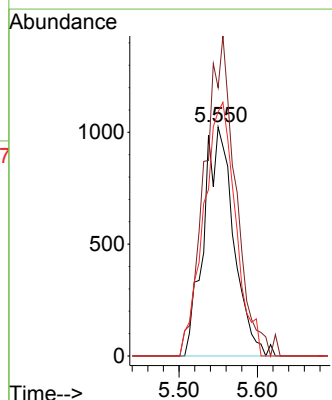
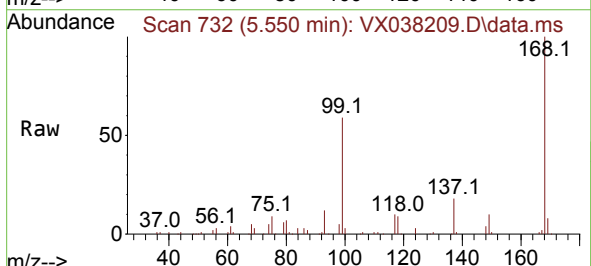
Ion	Ratio	Lower	Upper
84	100		
49	108.3	103.6	155.4
51	29.8	33.8	50.6#
86	59.4	49.4	74.0

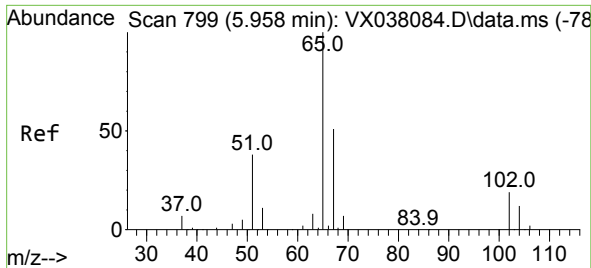


#31
Cyclohexane
Concen: 1.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 56 Resp: 2730

Ion	Ratio	Lower	Upper
56	100		
69	117.2	23.4	35.2#
84	106.6	65.9	98.9#

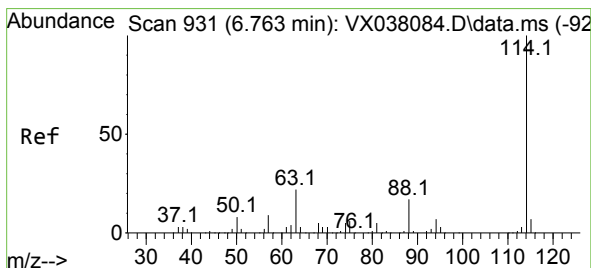
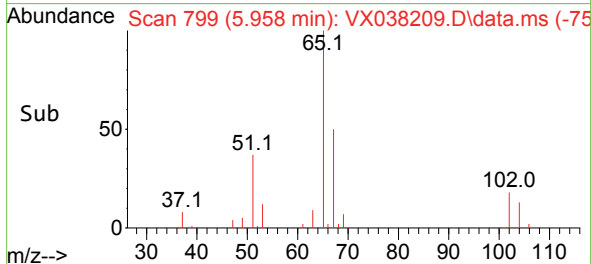
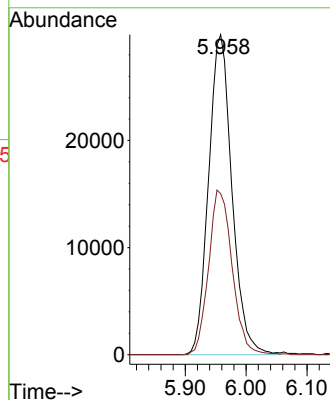
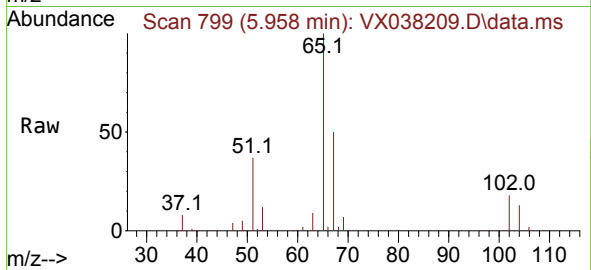




#33
 1,2-Dichloroethane-d4
 Concen: 47.038 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038209.D
 Acq: 10 Oct 2023 18:15

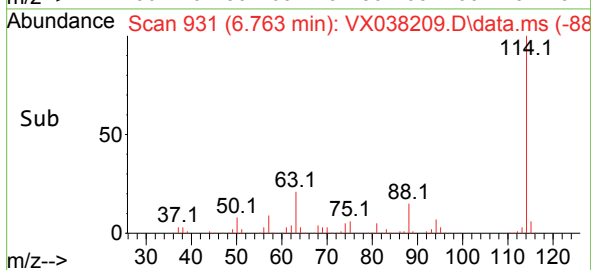
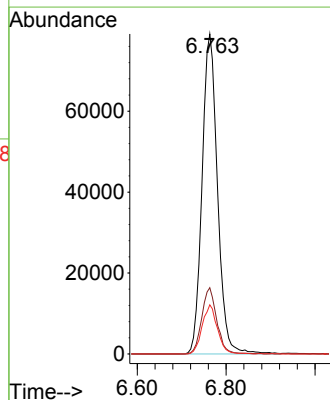
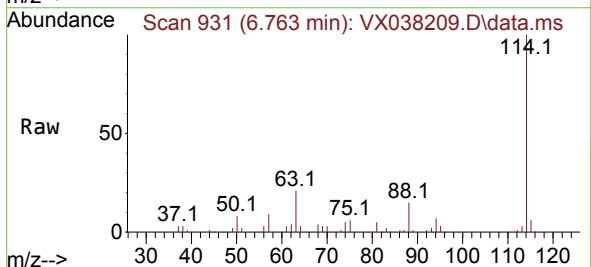
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

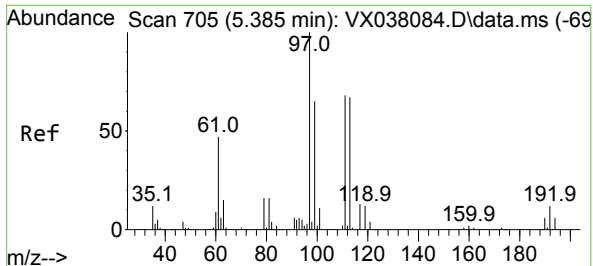
Tgt Ion: 65 Resp: 79563
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038209.D
 Acq: 10 Oct 2023 18:15

Tgt Ion:114 Resp: 191470
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 15.4 0.0 36.6

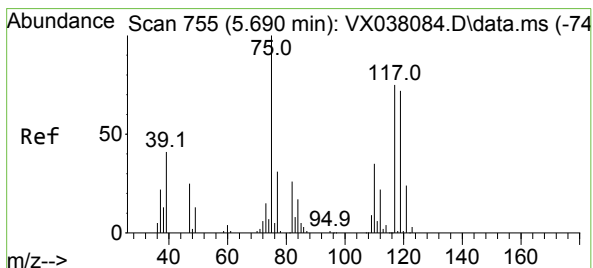
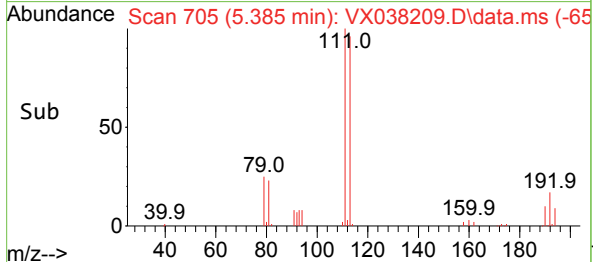
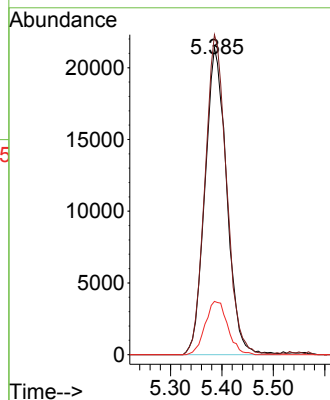
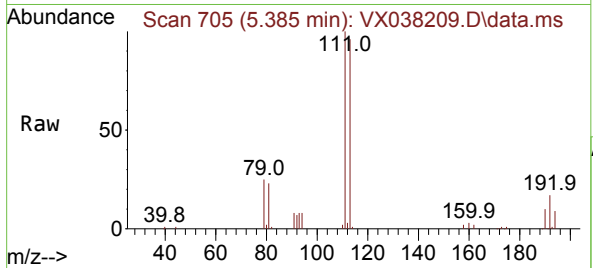




#35
Dibromofluoromethane
Concen: 45.472 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

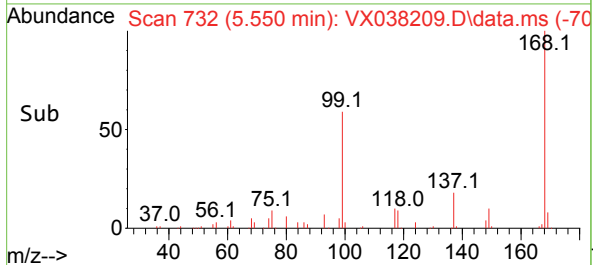
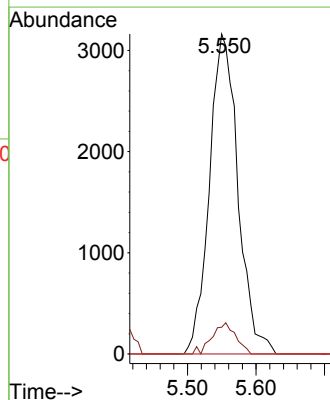
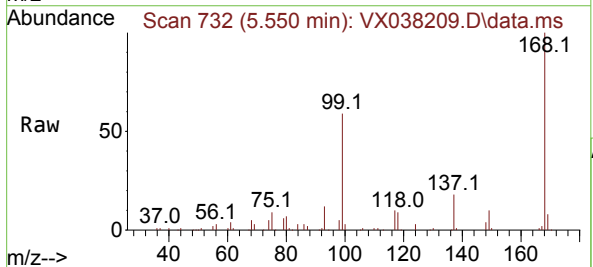
Instrument :
MSVOA_X
ClientSampleId :
TB

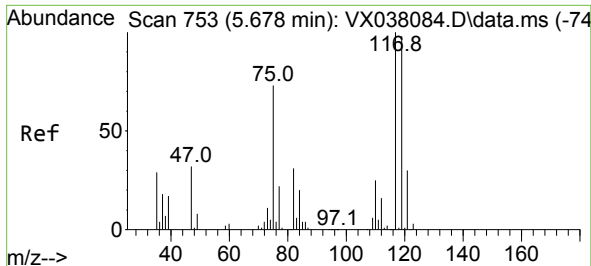
Tgt Ion:113 Resp: 62736
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 75 Resp: 9151
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#

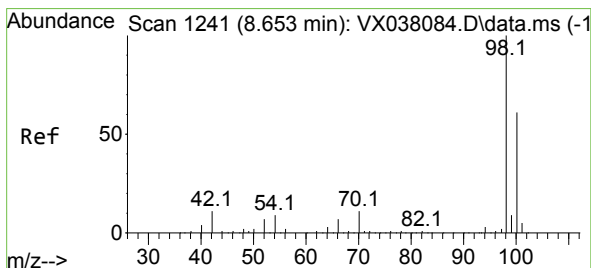
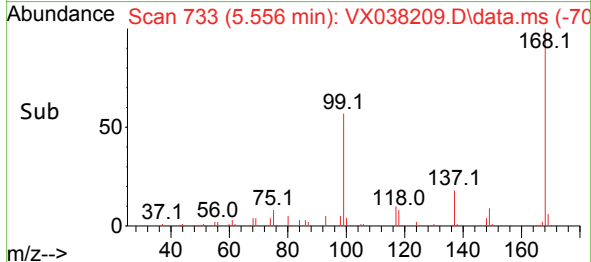
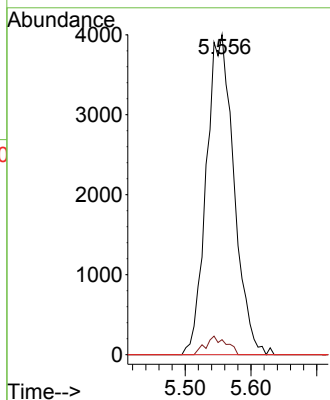
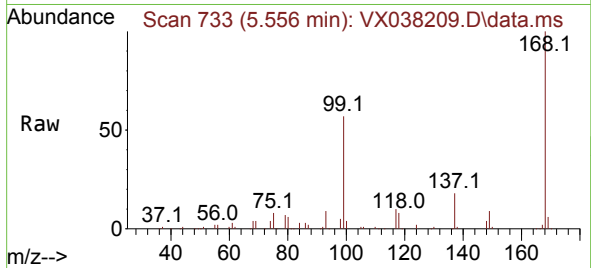




#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

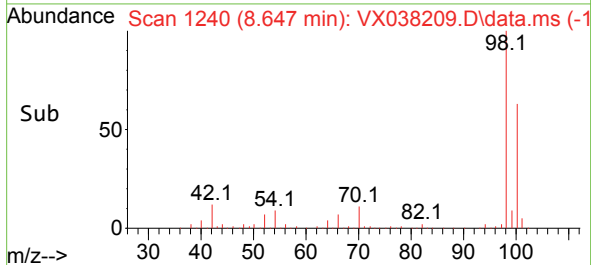
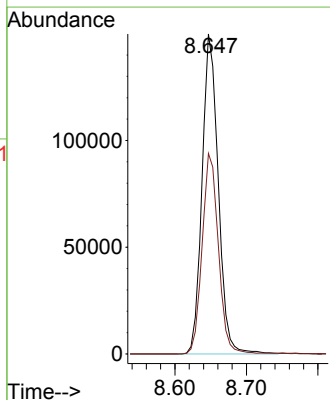
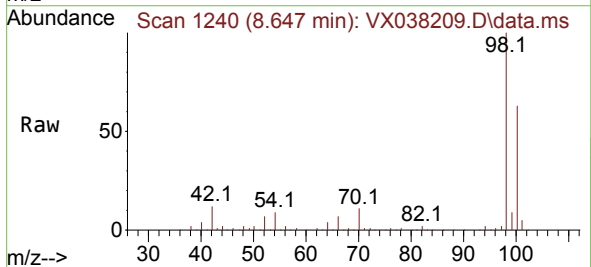
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MSVOA_X
ClientSampleId :
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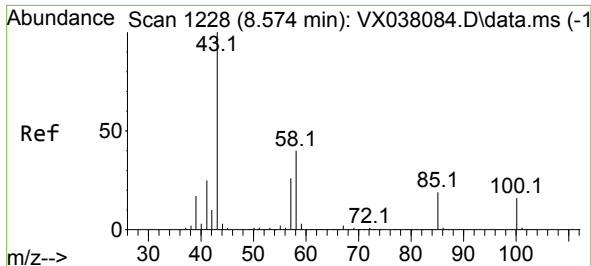
Tgt Ion:117 Resp: 11691
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.676 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 98 Resp: 235531
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

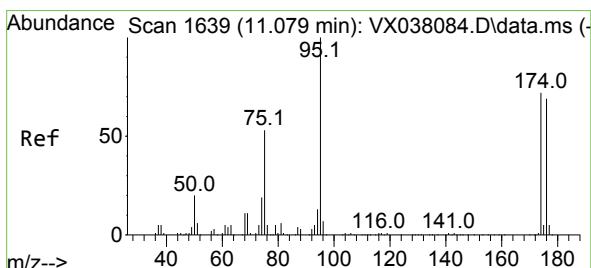
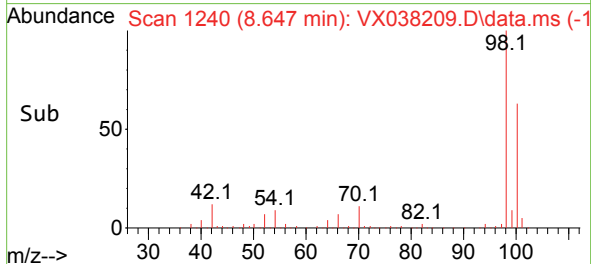
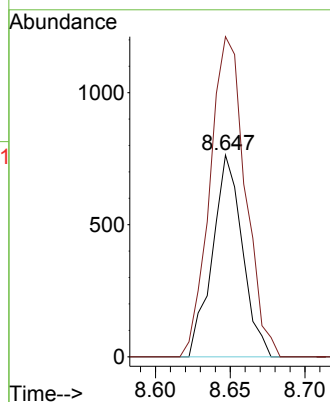
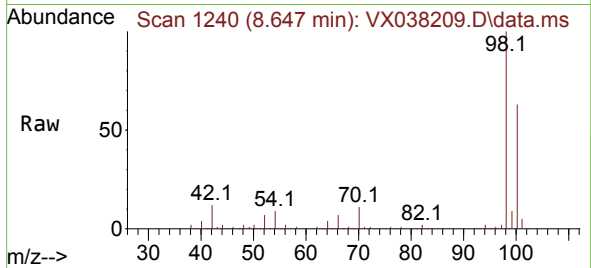




#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

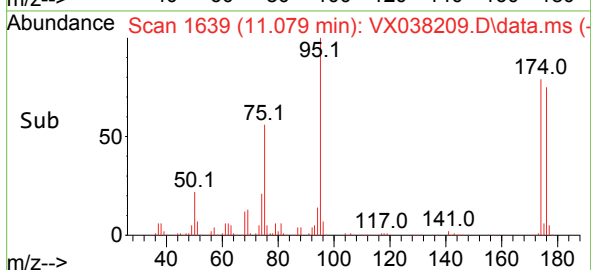
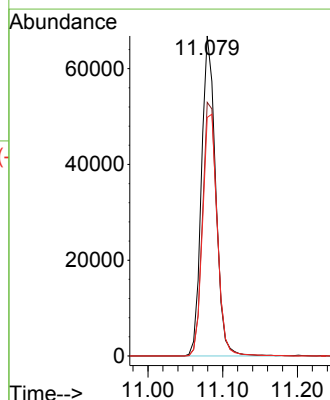
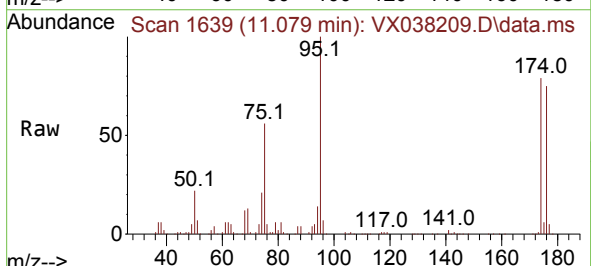
Instrument :
MSVOA_X
ClientSampleId :
TB

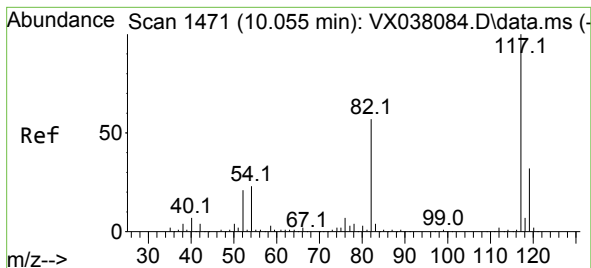
Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 187.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion: 95 Resp: 88074
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 78.7 0.0 131.0

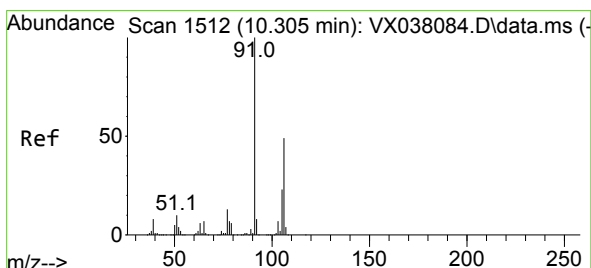
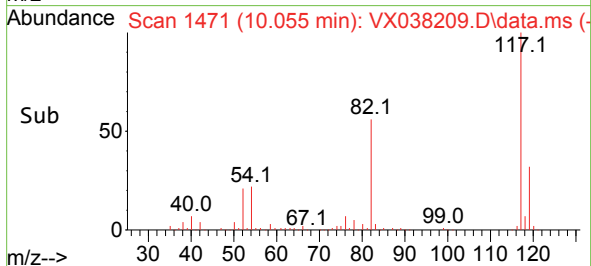
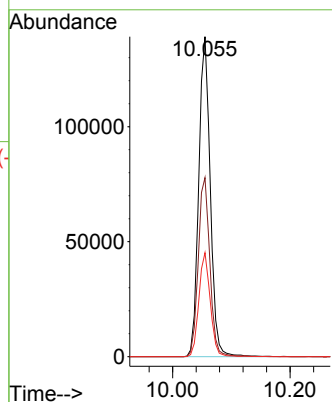
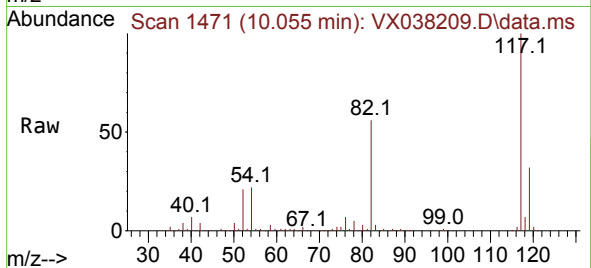




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

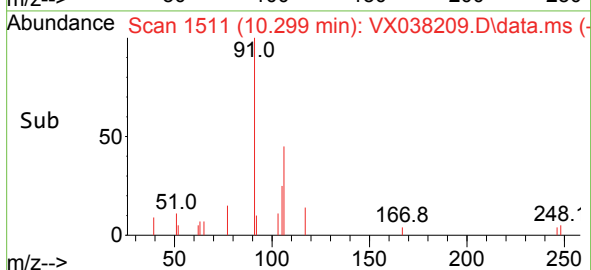
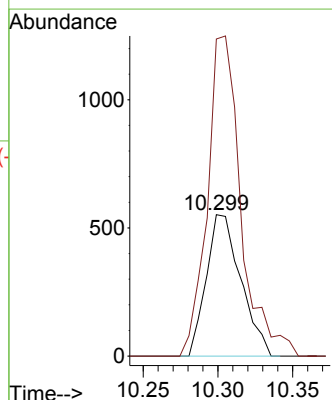
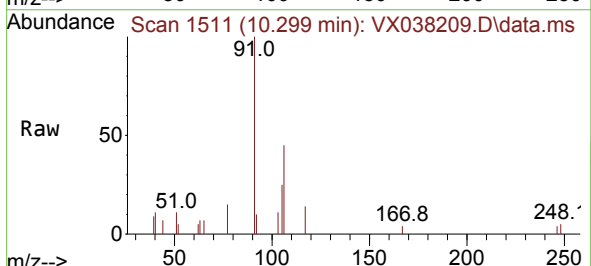
Instrument :
MSVOA_X
ClientSampleId :
TB

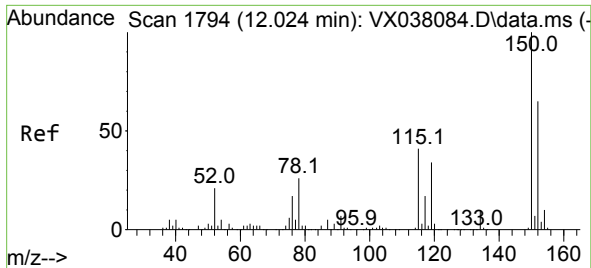
Tgt Ion:117 Resp: 189890
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038209.D
Acq: 10 Oct 2023 18:15

Tgt Ion:106 Resp: 884
Ion Ratio Lower Upper
106 100
91 220.8 165.5 248.3

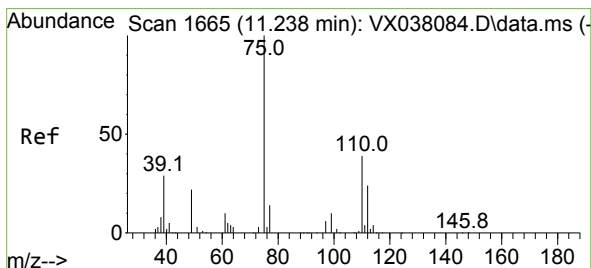
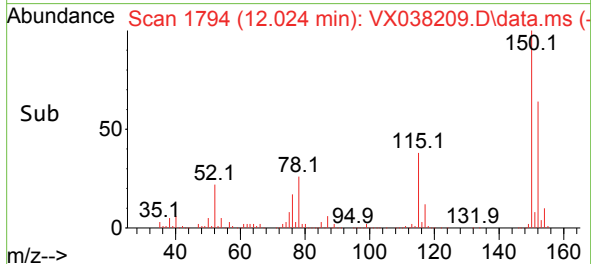
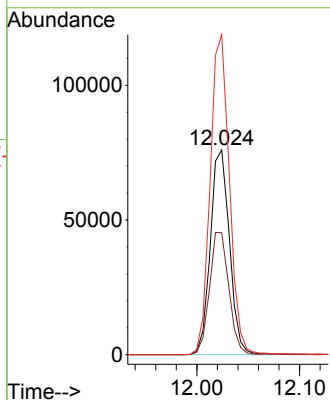
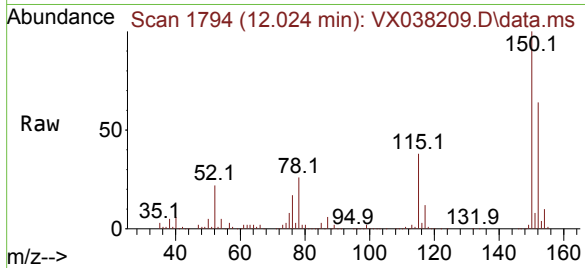




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038209.D
 Acq: 10 Oct 2023 18:15

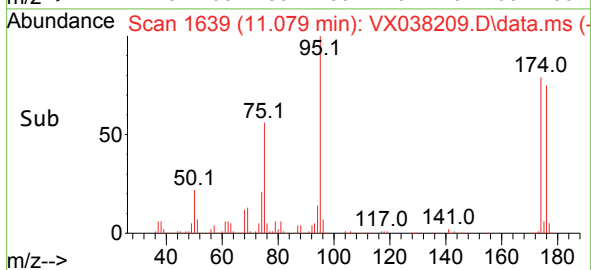
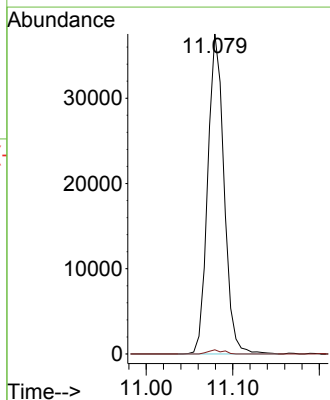
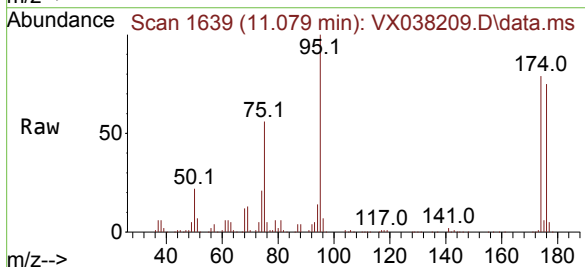
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

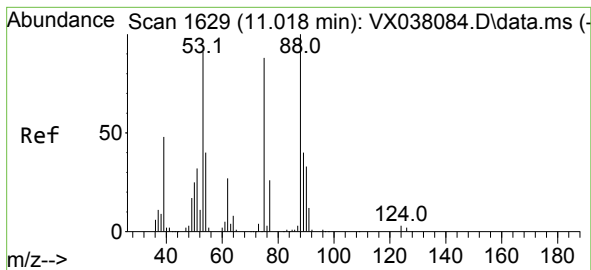
Tgt Ion:152 Resp: 98168
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.983 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038209.D
 Acq: 10 Oct 2023 18:15

Tgt Ion: 75 Resp: 49061
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.046 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038209.D
 Acq: 10 Oct 2023 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 49061
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

