

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038989.D
 Acq On : 21 Nov 2023 16:58
 Operator : JC/MD
 Sample : 05405-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20231113

Quant Time: Nov 22 03:22:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

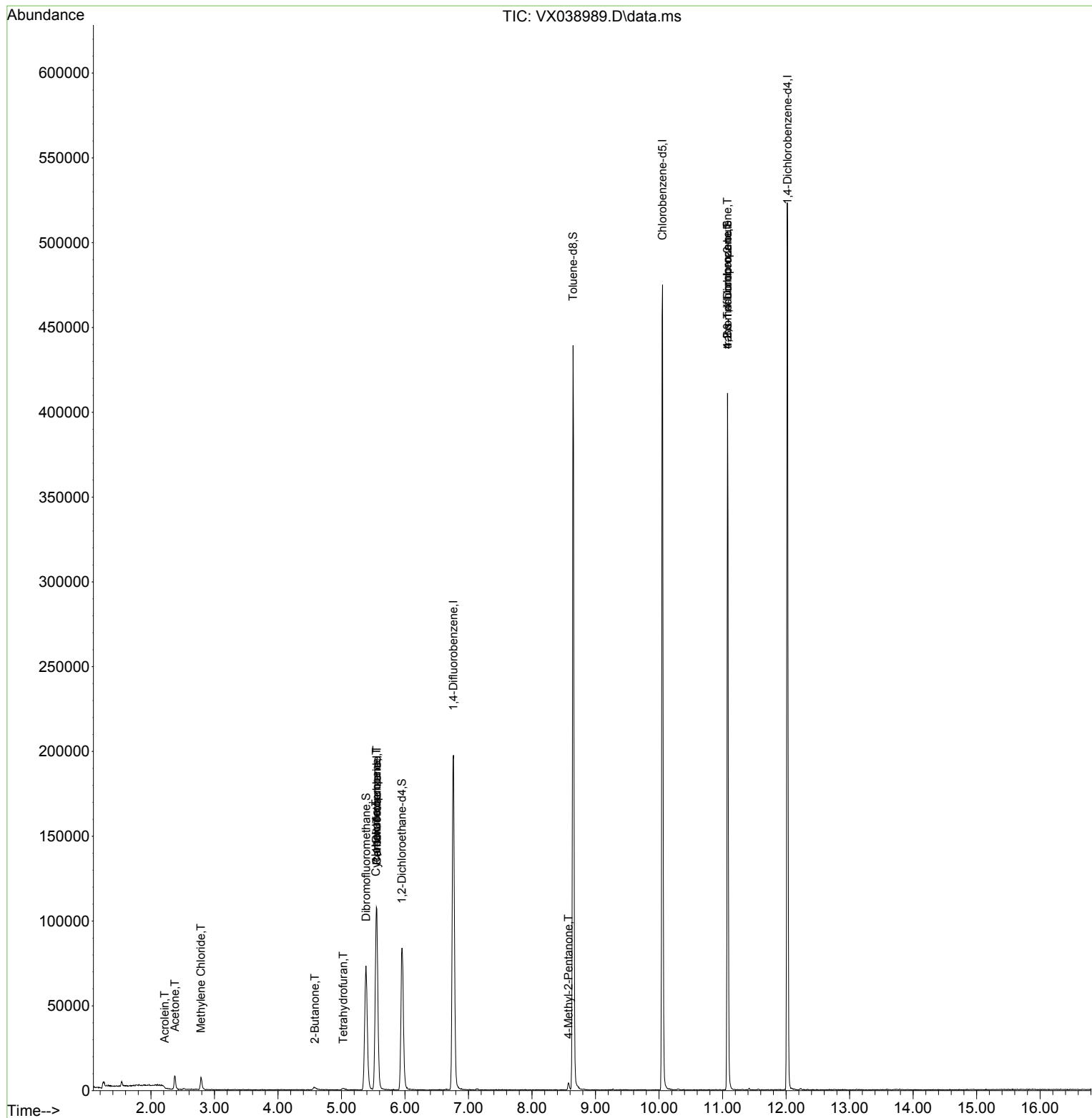
Internal Standards						
1) Pentafluorobenzene	5.556	168	93994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81711	53.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.900%	
35) Dibromofluoromethane	5.385	113	62846	43.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 87.140%	
50) Toluene-d8	8.647	98	253730	45.980	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.960%#	
62) 4-Bromofluorobenzene	11.079	95	109798	49.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
13) Acrolein	2.215	56	114	0.512	ug/l #	14
16) Acetone	2.380	43	9254	11.478	ug/l	94
20) Methylene Chloride	2.788	84	3204	2.204	ug/l	97
25) 2-Butanone	4.580	43	2553	1.953	ug/l	92
29) Tetrahydrofuran	5.026	42	854	1.029	ug/l #	61
31) Cyclohexane	5.544	56	2879	1.331	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	8900	4.305	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10680	5.590	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	3005	1.093	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	59837	23.430	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59837	51.970	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

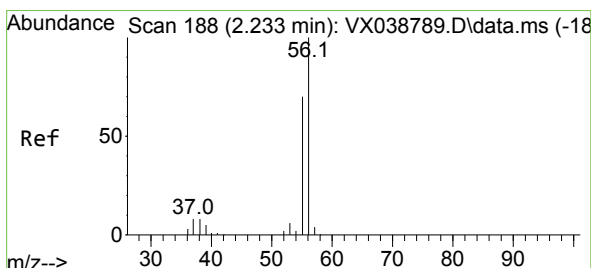
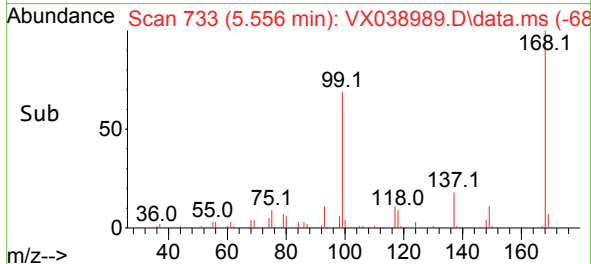
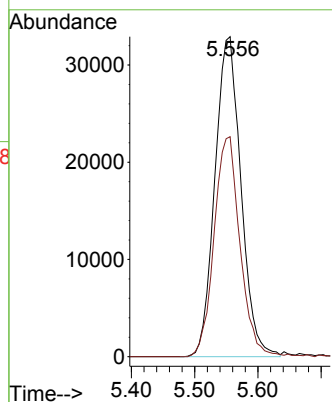
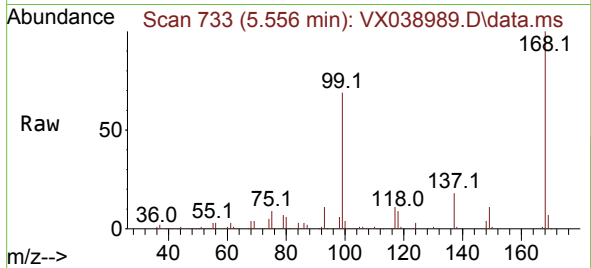




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

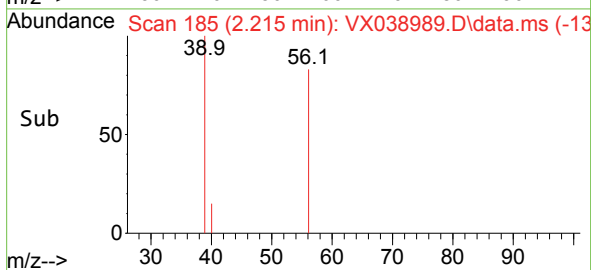
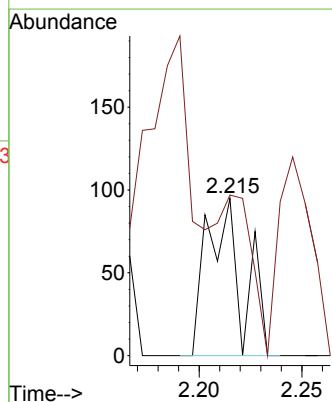
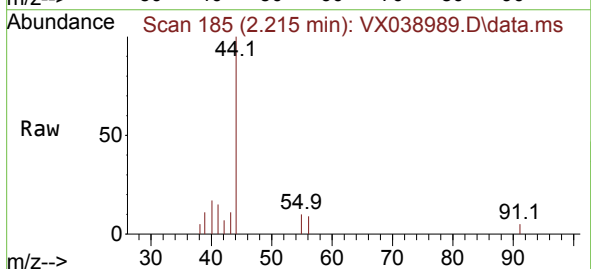
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

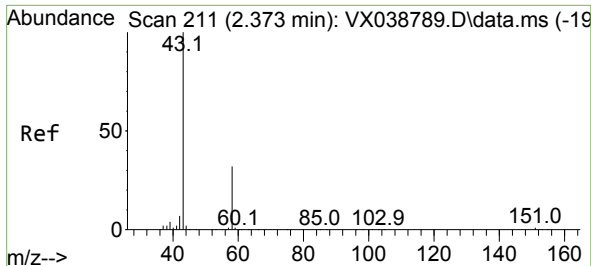
Tgt Ion:168 Resp: 93994
Ion Ratio Lower Upper
168 100
99 68.8 56.6 85.0



#13
Acrolein
Concen: 0.512 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

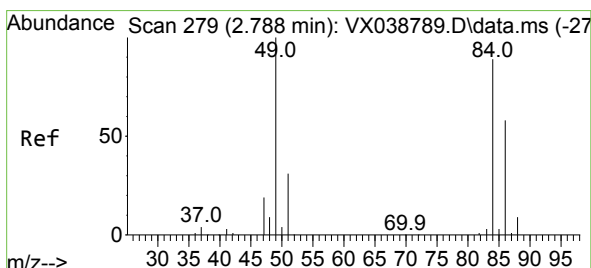
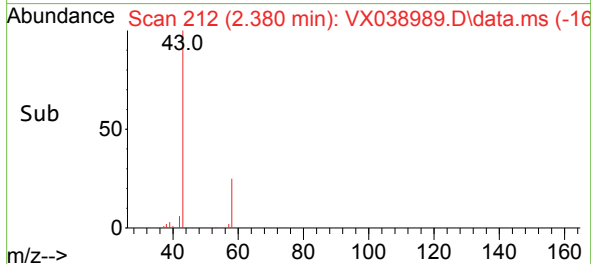
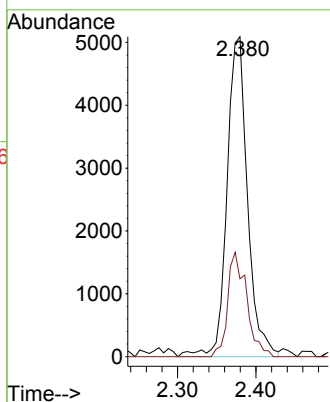
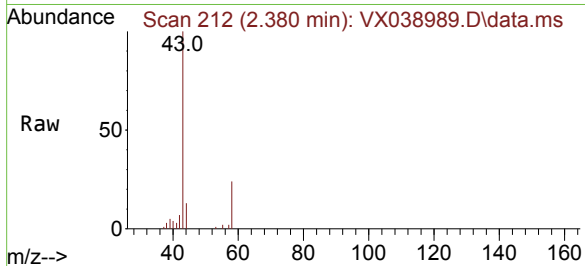




#16
Acetone
Concen: 11.478 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

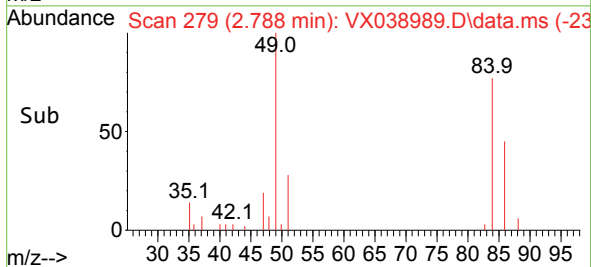
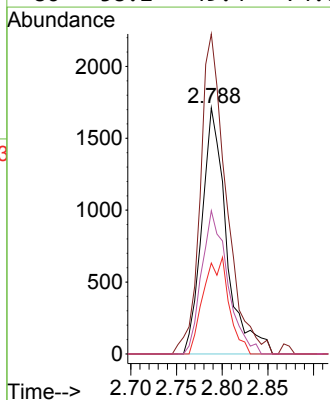
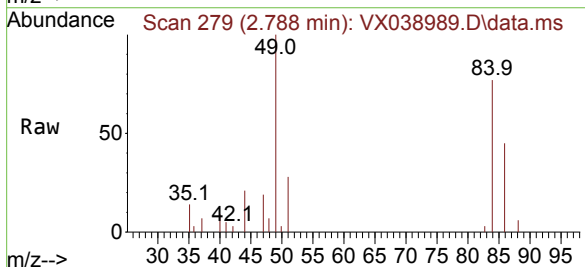
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

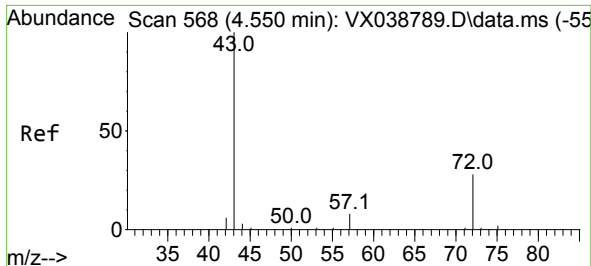
Tgt Ion: 43 Resp: 9254
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9



#20
Methylene Chloride
Concen: 2.204 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 84 Resp: 3204
Ion Ratio Lower Upper
84 100
49 130.0 103.6 155.4
51 36.9 33.8 50.6
86 58.2 49.4 74.0

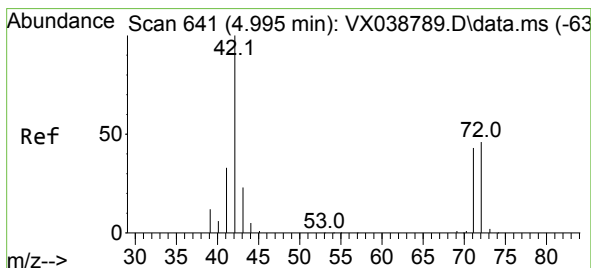
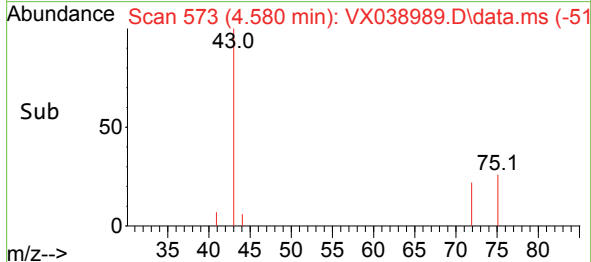
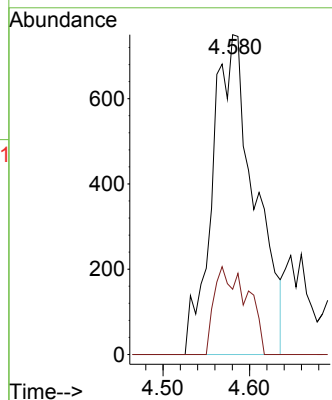
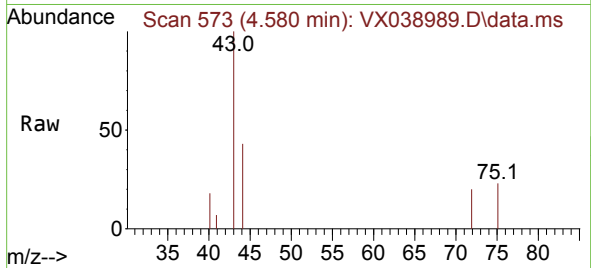




#25
2-Butanone
Concen: 1.953 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

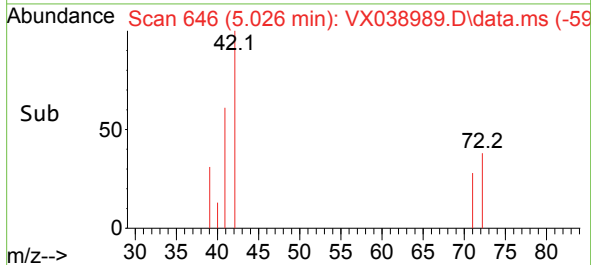
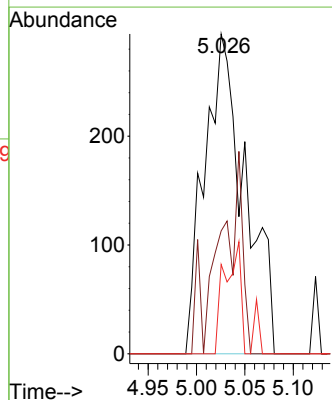
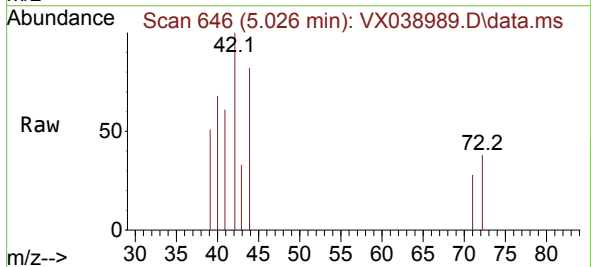
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

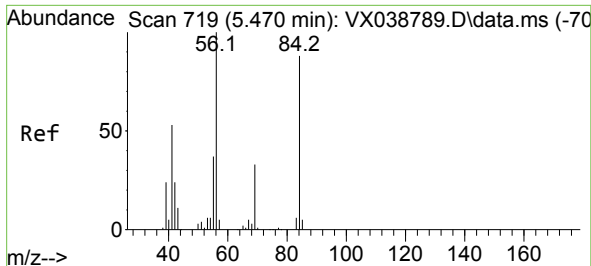
Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
72 20.4 19.4 29.2



#29
Tetrahydrofuran
Concen: 1.029 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.031 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

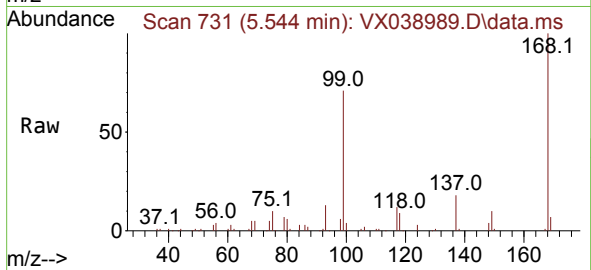
Tgt Ion: 42 Resp: 854
Ion Ratio Lower Upper
42 100
72 20.1 34.2 51.4#
71 13.9 32.2 48.2#



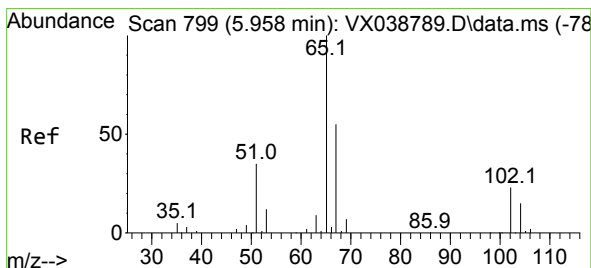
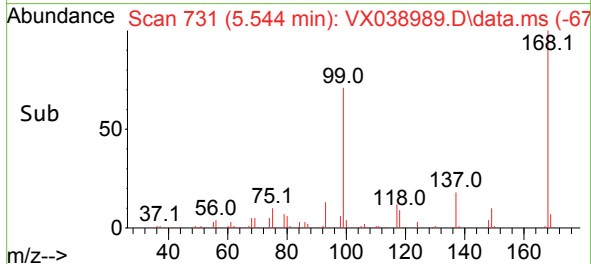
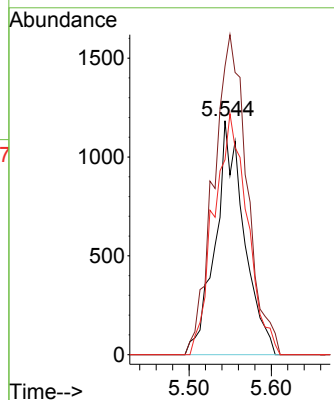


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

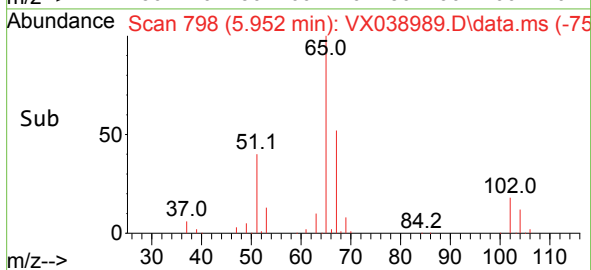
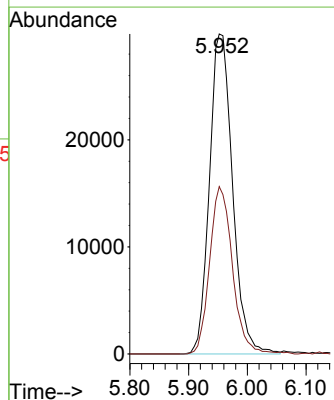
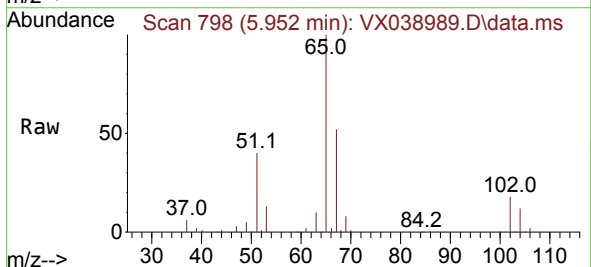


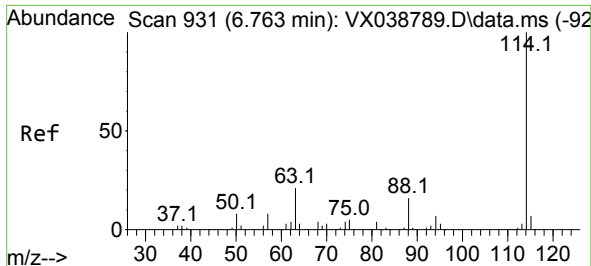
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 123.3 23.4 35.2#
84 83.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 53.950 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 65 Resp: 81711
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

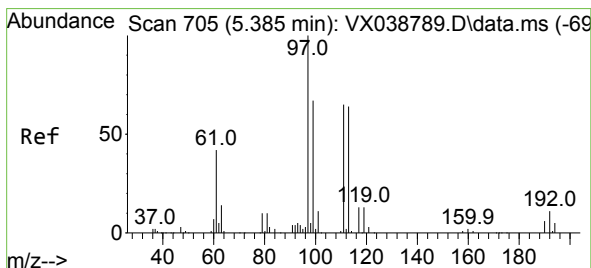
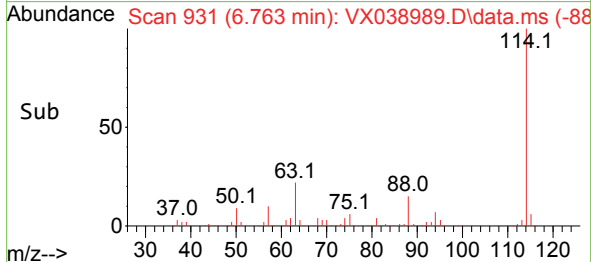
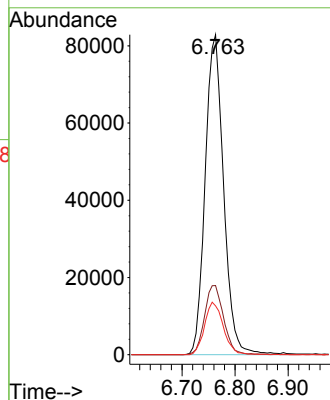
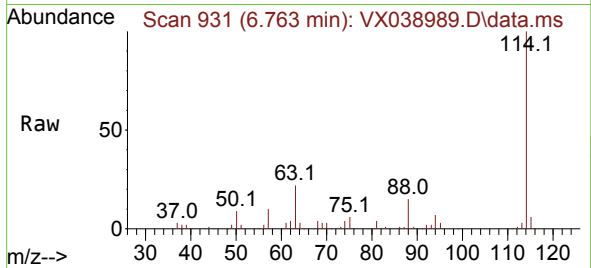




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

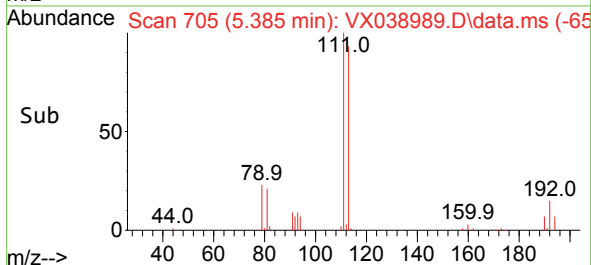
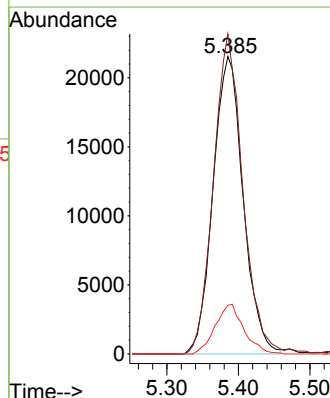
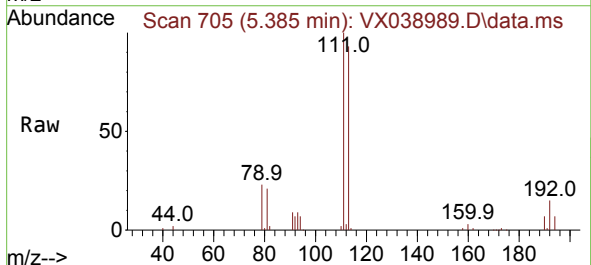
Instrument :
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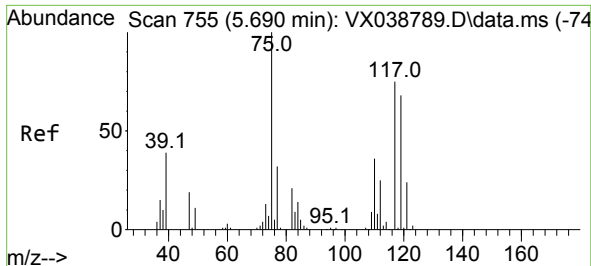
Tgt Ion:114 Resp: 199702
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.574 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion:113 Resp: 62846
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 15.9 13.3 19.9

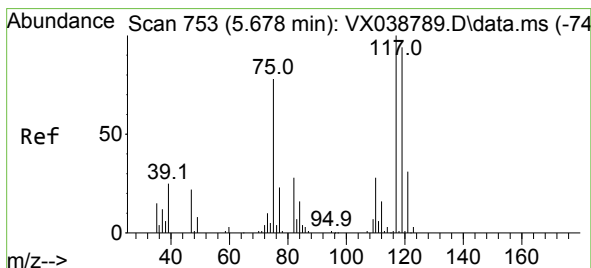
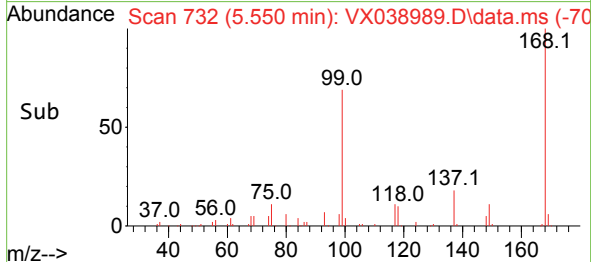
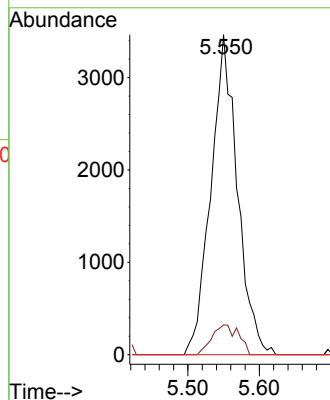
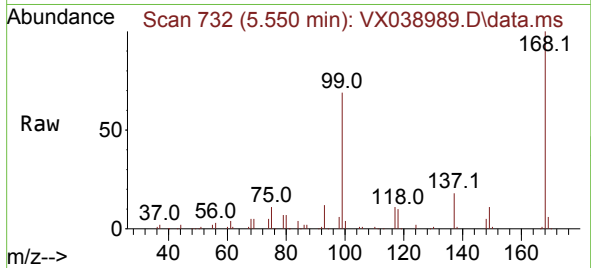




#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

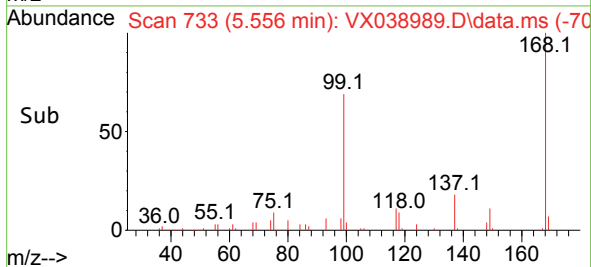
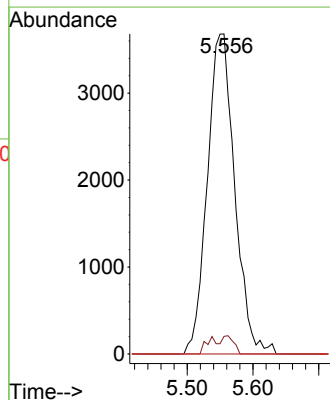
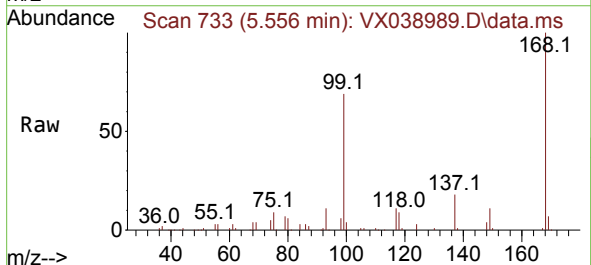
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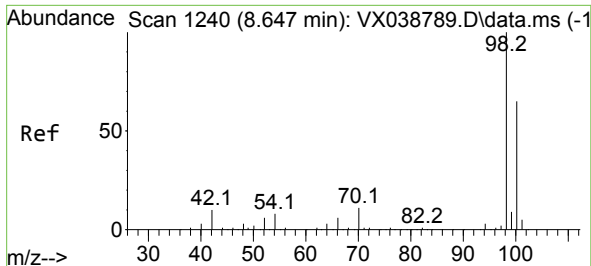
Tgt Ion: 75 Resp: 8900
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 117 Resp: 10680
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

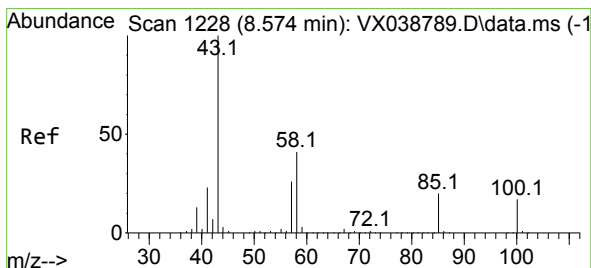
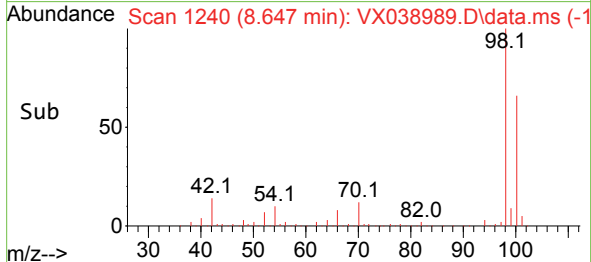
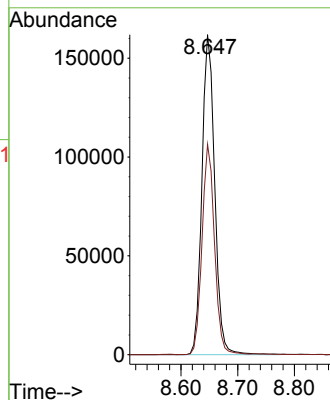
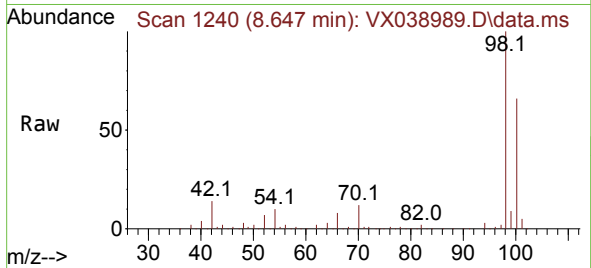




#50
Toluene-d8
Concen: 45.980 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

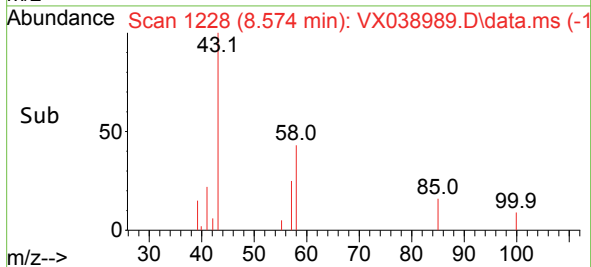
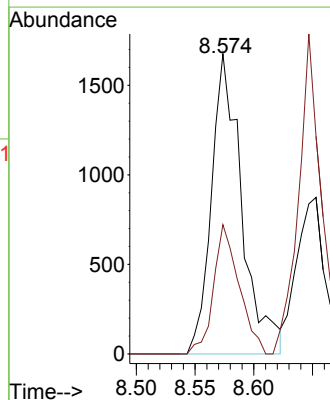
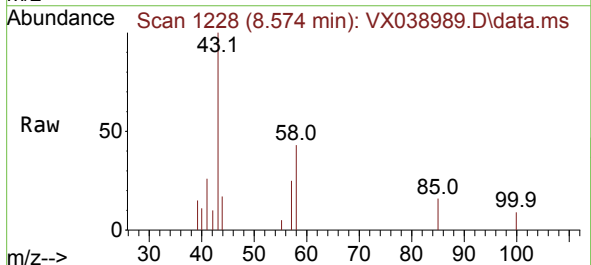
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

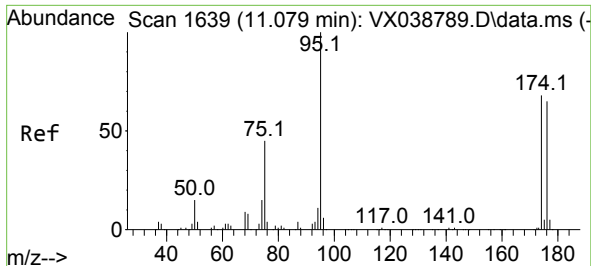
Tgt Ion: 98 Resp: 253730
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.093 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

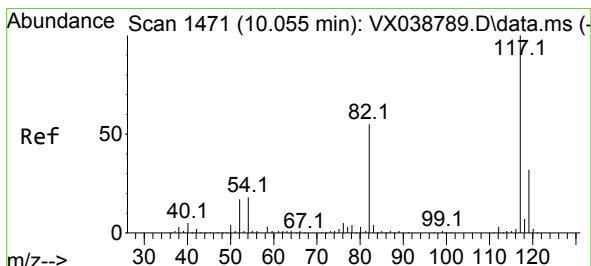
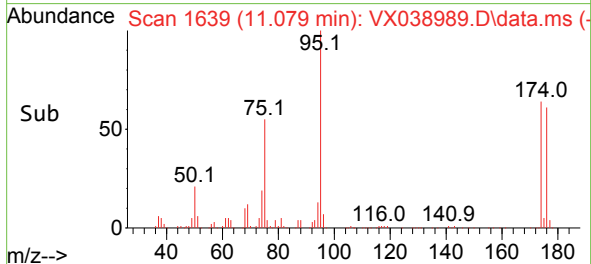
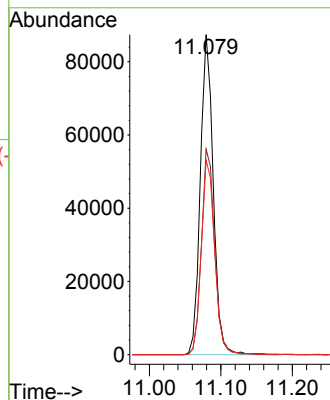
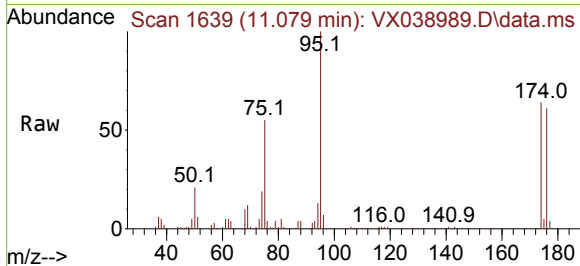




#62
4-Bromofluorobenzene
Concen: 49.705 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

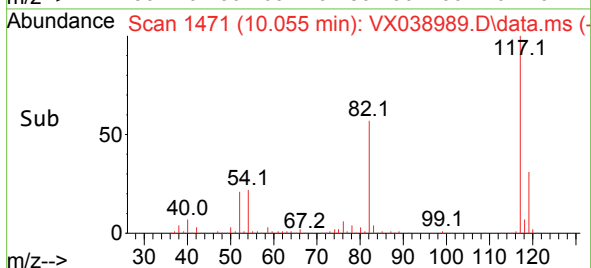
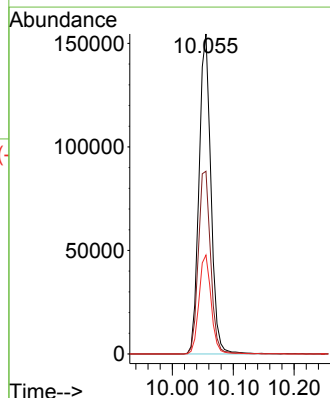
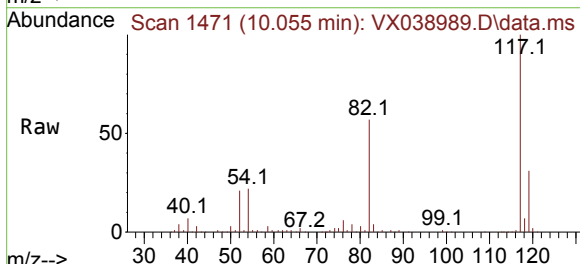
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

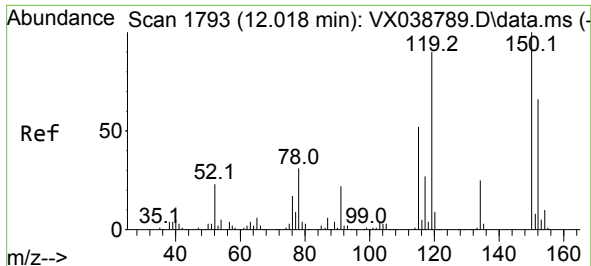
Tgt Ion: 95 Resp: 109798
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 117 Resp: 209408
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 30.9 25.5 38.3

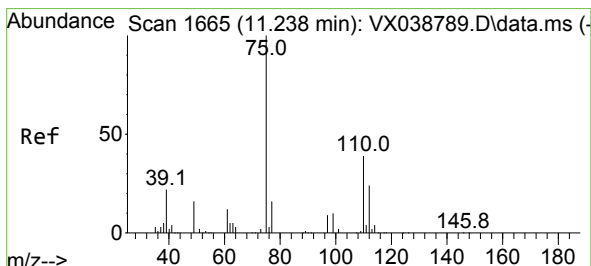
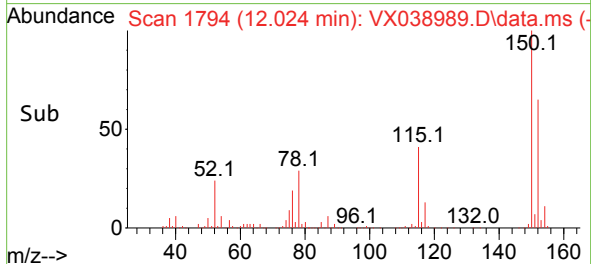
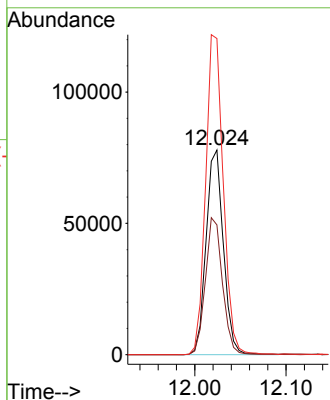
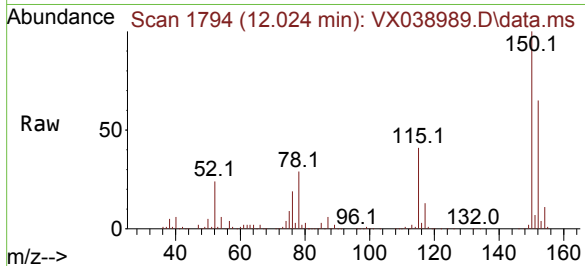




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

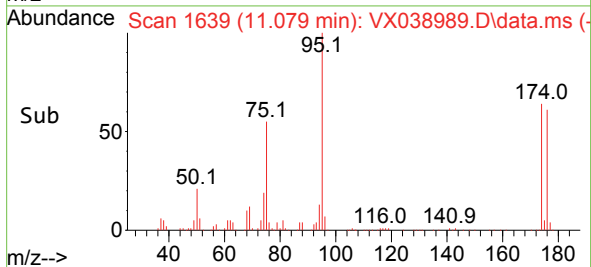
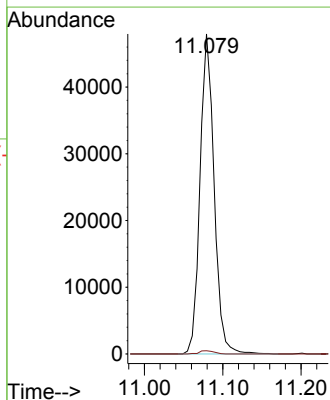
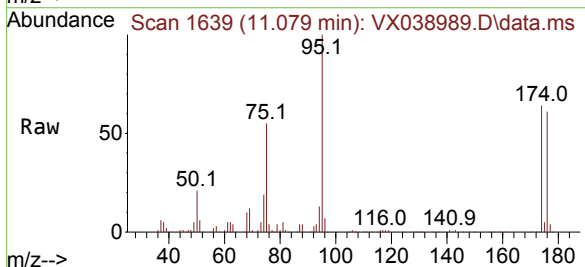
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

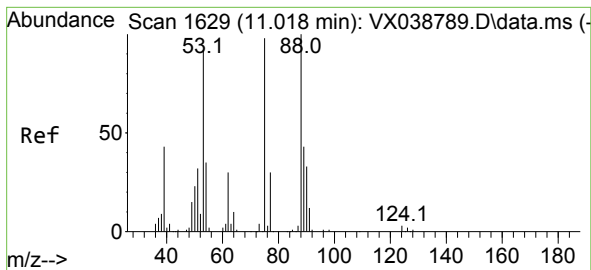
Tgt Ion:152 Resp: 102361
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 158.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 75 Resp: 59837
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.970 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038989.D
 Acq: 21 Nov 2023 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20231113

Tgt Ion: 75 Resp: 59837
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

