

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032491.D
 Acq On : 31 Oct 2022 16:30
 Operator : JC/MD
 Sample : N5340-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R-102722

Quant Time: Nov 01 05:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

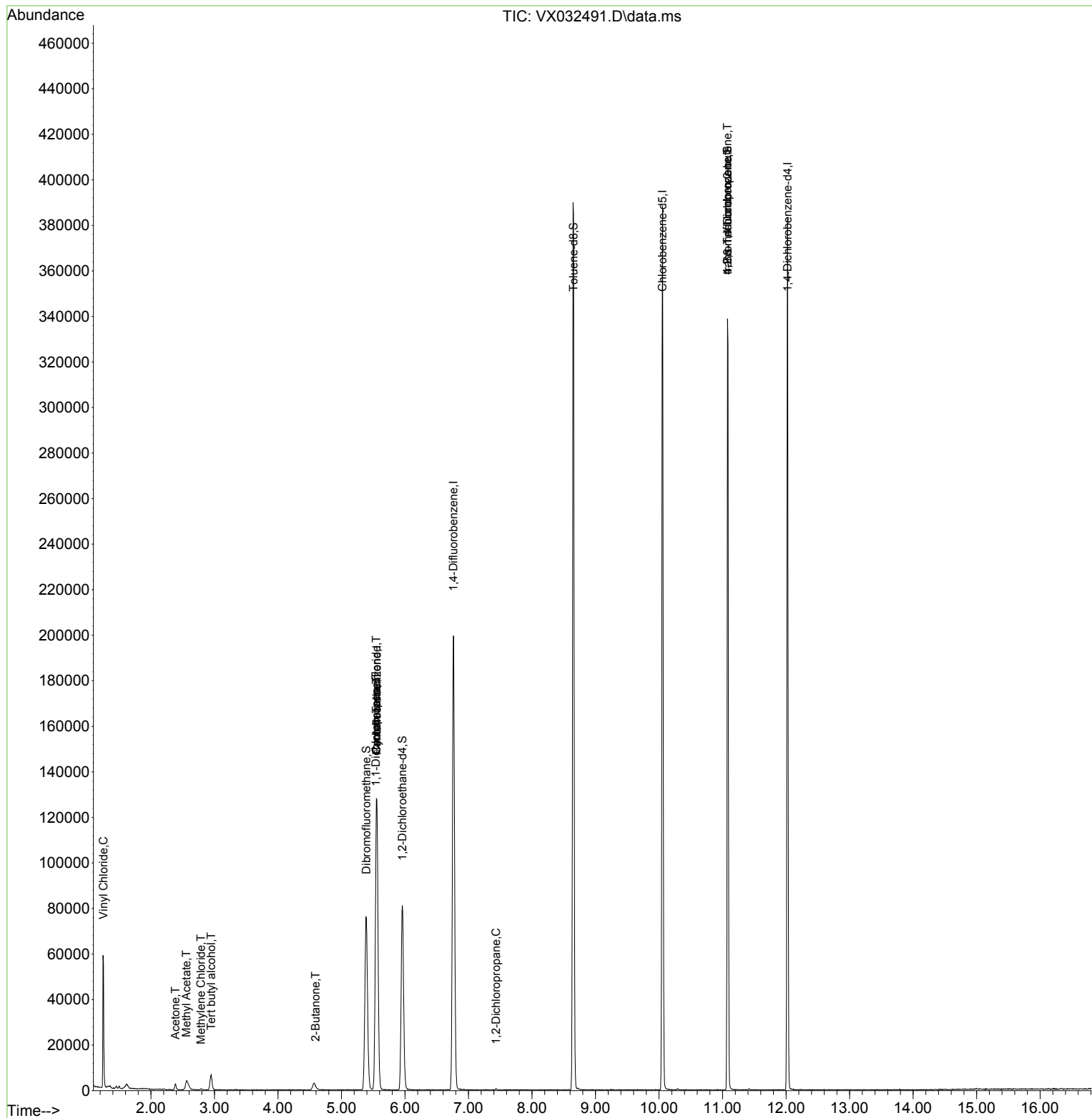
Internal Standards						
1) Pentafluorobenzene	5.556	168	123012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81717	47.809	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.620%		
35) Dibromofluoromethane	5.391	113	64835	45.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.653	98	234152	47.249	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.500%		
62) 4-Bromofluorobenzene	11.079	95	86784	44.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.660%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.252	62	499	0.378	ug/l #	42
11) Tert butyl alcohol	2.946	59	4066	16.344	ug/l #	72
16) Acetone	2.386	43	2998	4.826	ug/l	96
18) Methyl Acetate	2.556	43	2362	1.169	ug/l #	51
20) Methylene Chloride	2.788	84	309	0.217	ug/l #	77
25) 2-Butanone	4.593	43	571	0.593	ug/l #	47
31) Cyclohexane	5.550	56	2769	1.336	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9465	4.769	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12602	5.725	ug/l #	17
45) 1,2-Dichloropropane	7.433	63	303	0.210	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	47346	27.817	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47346	88.515	ug/l #	6

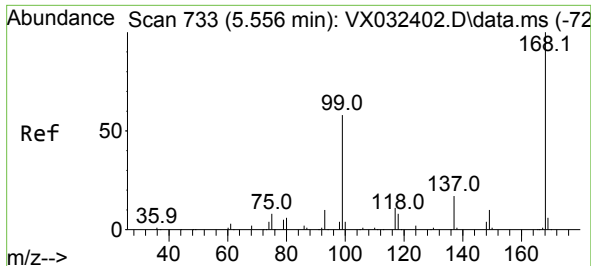
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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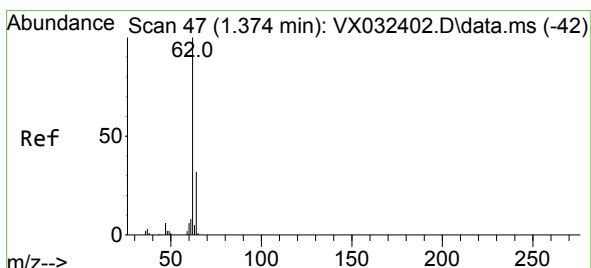
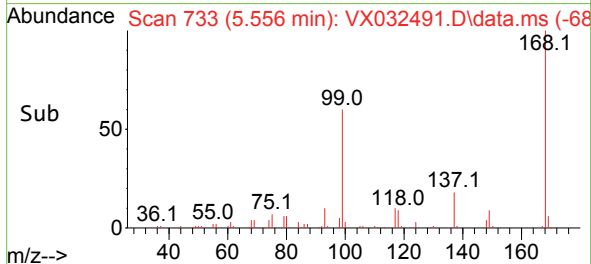
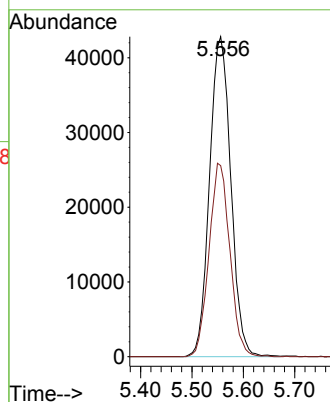
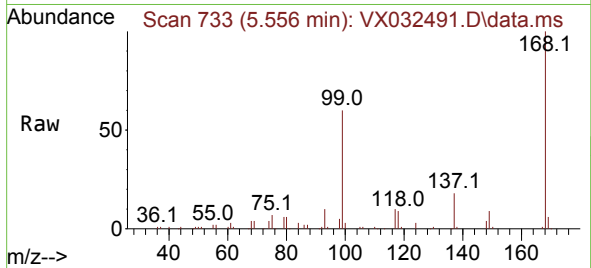




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

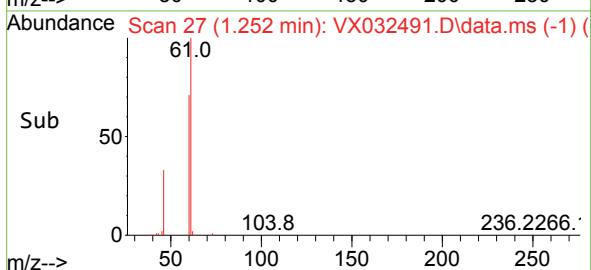
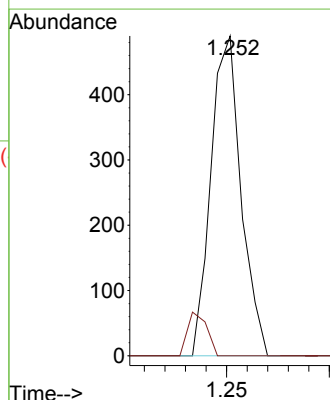
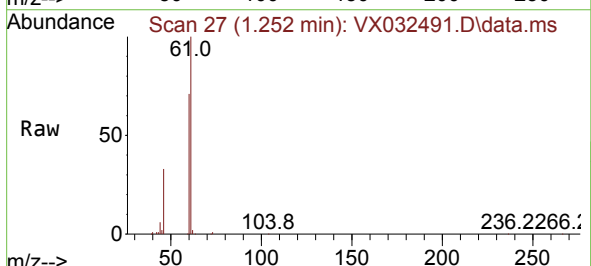
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

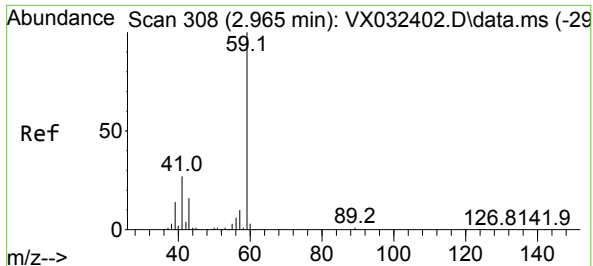
Tgt Ion:168 Resp: 123012
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#4
Vinyl Chloride
Concen: 0.378 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion: 62 Resp: 499
Ion Ratio Lower Upper
62 100
64 0.0 25.8 38.6#

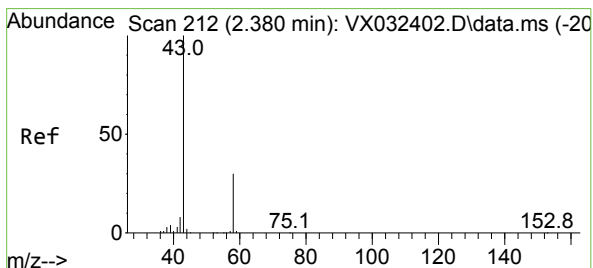
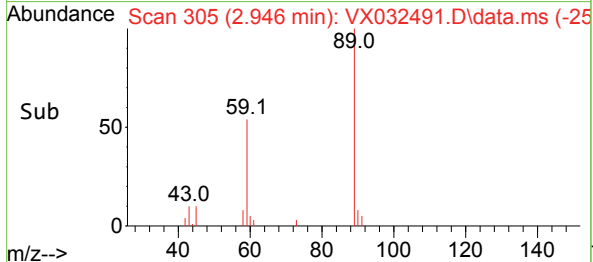
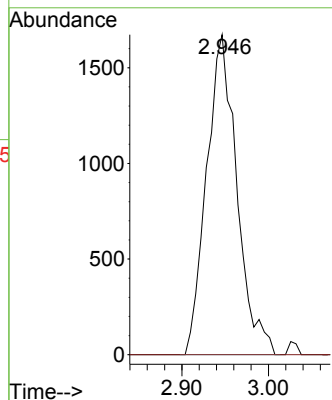
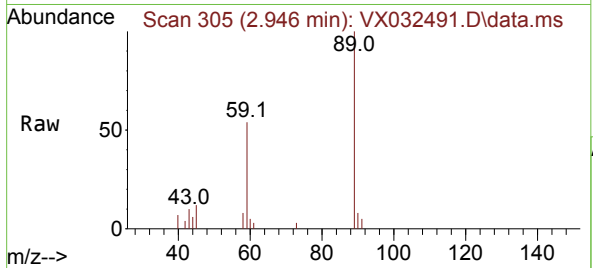




#11
Tert butyl alcohol
Concen: 16.344 ug/l
RT: 2.946 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

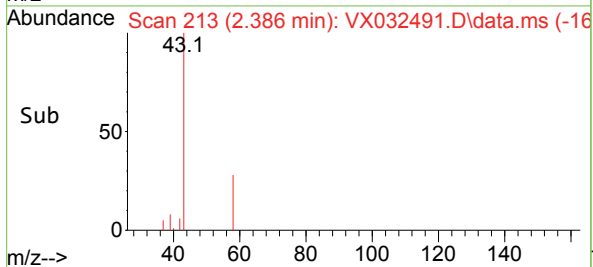
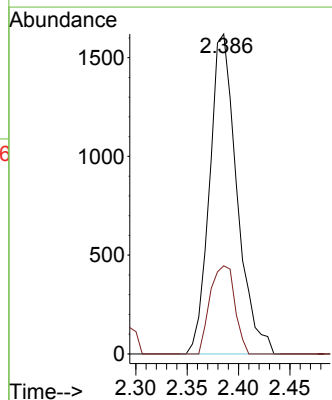
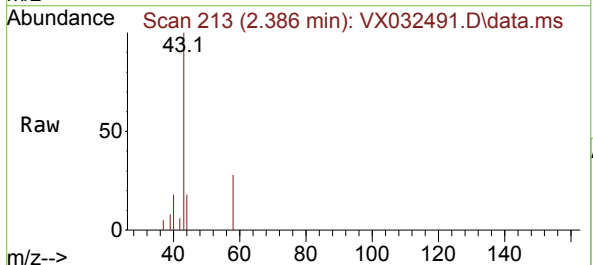
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

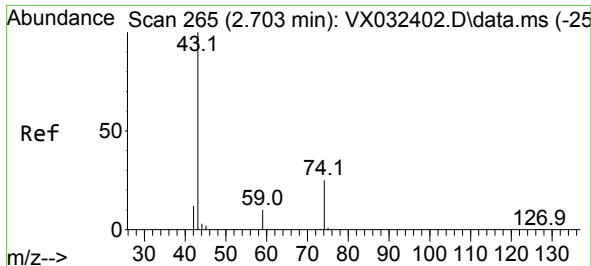
Tgt Ion: 59 Resp: 4066
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 4.826 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8

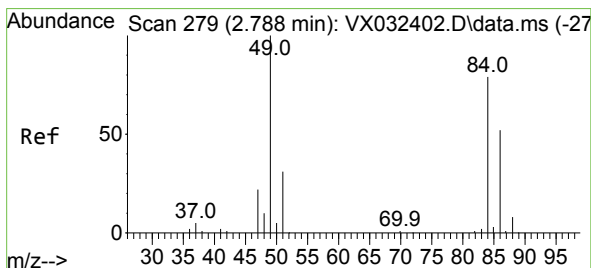
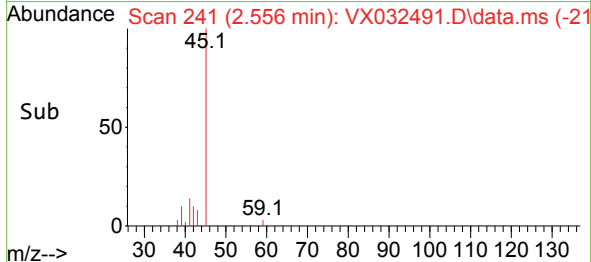
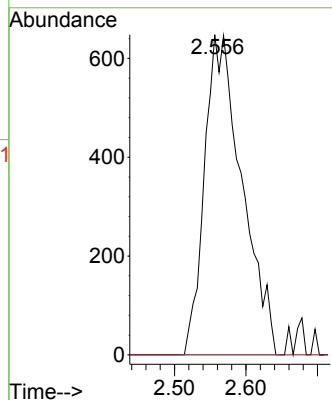
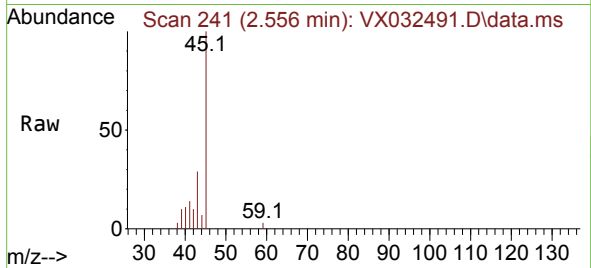




#18
Methyl Acetate
Concen: 1.169 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.146 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

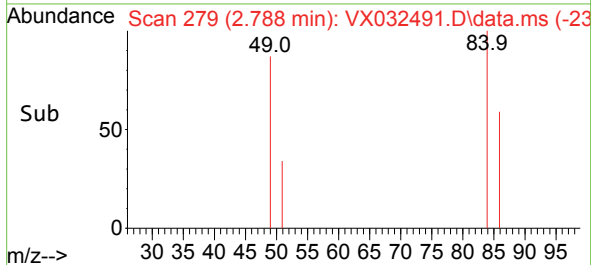
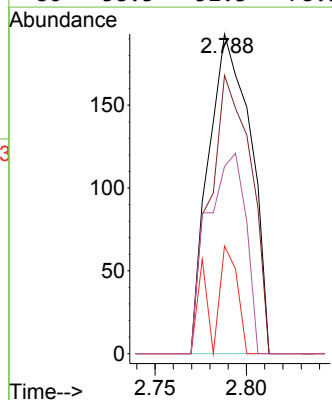
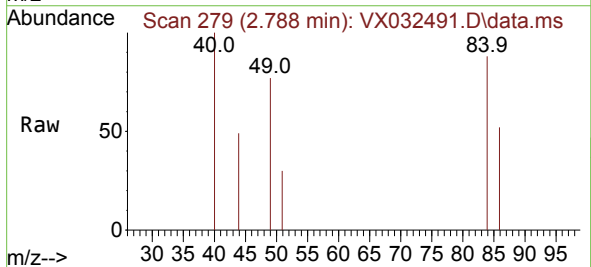
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

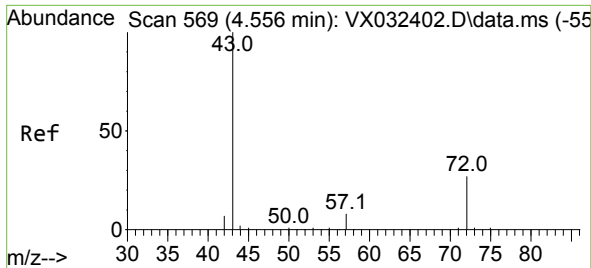
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 87.0 101.0 151.6#
51 33.7 31.1 46.7
86 58.5 52.3 78.5

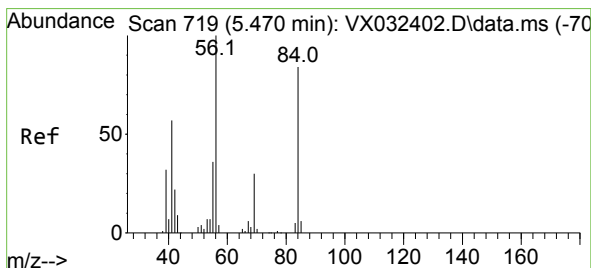
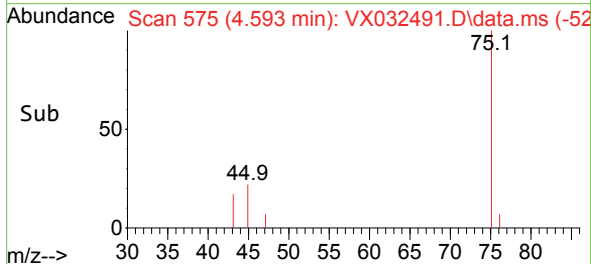
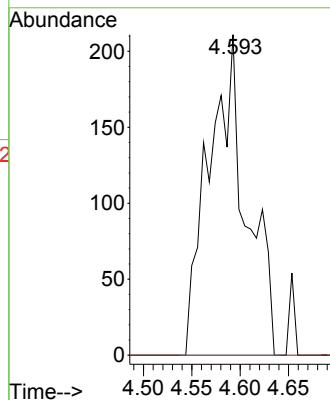
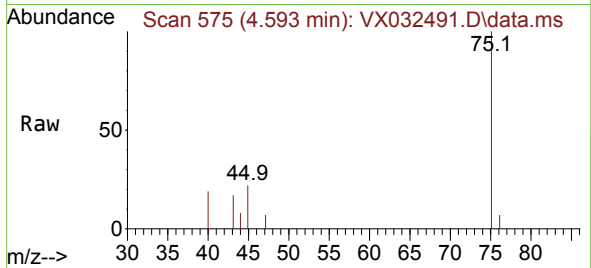




#25
2-Butanone
Concen: 0.593 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

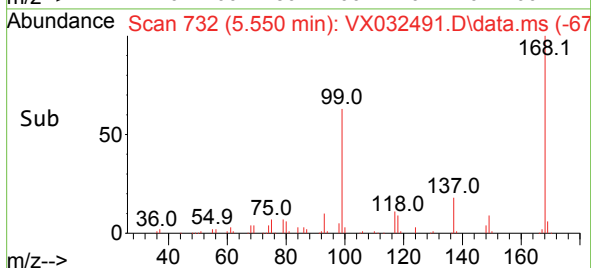
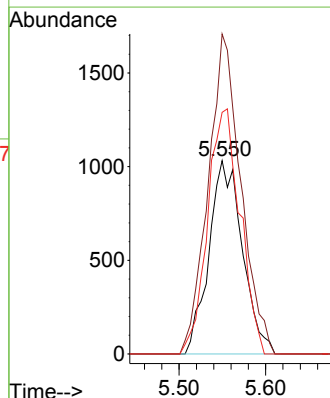
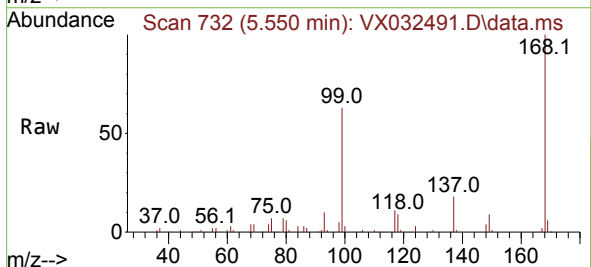
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

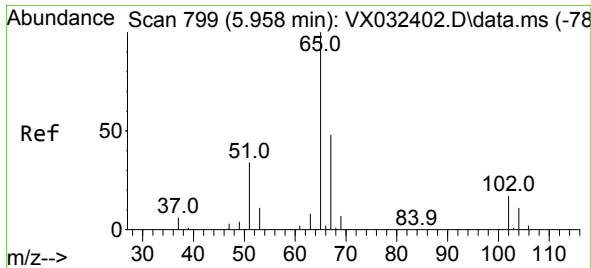
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
69 165.5 24.1 36.1#
84 125.0 66.9 100.3#

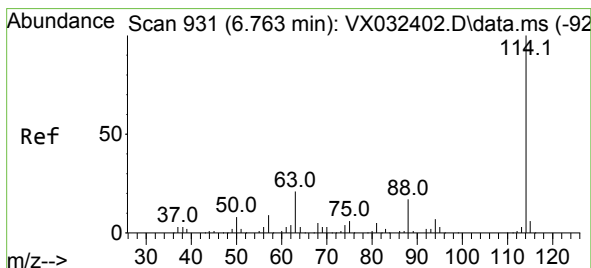
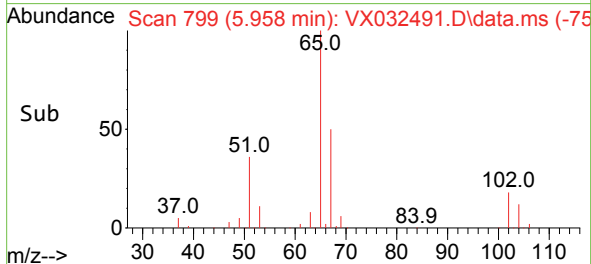
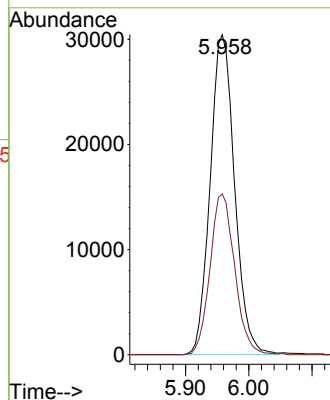
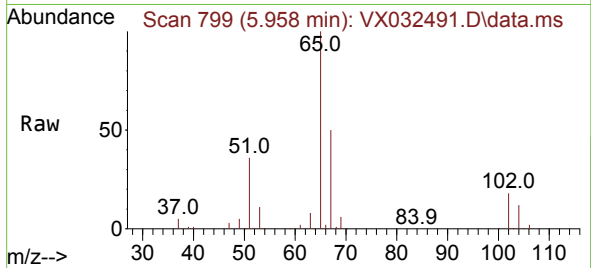




#33
 1,2-Dichloroethane-d4
 Concen: 47.809 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032491.D
 Acq: 31 Oct 2022 16:30

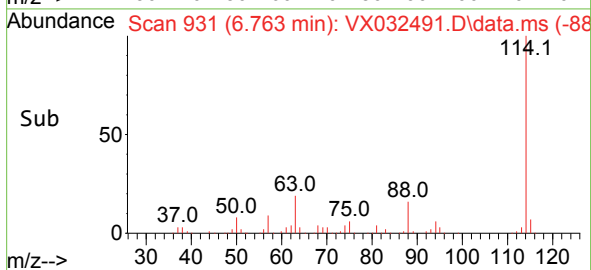
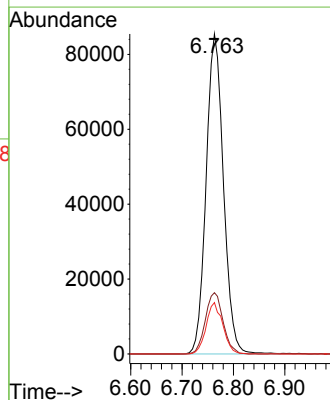
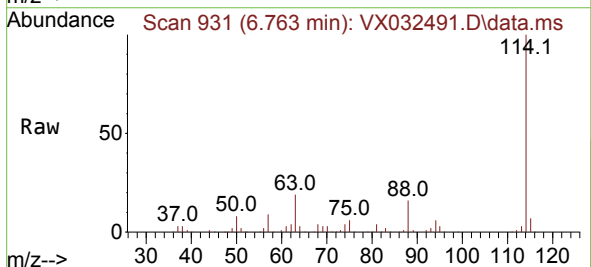
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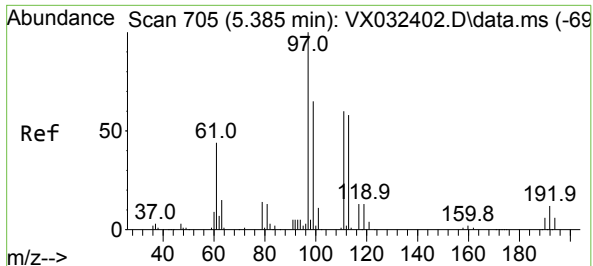
Tgt Ion: 65 Resp: 81717
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032491.D
 Acq: 31 Oct 2022 16:30

Tgt Ion: 114 Resp: 199799
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.6
 88 16.1 0.0 33.4

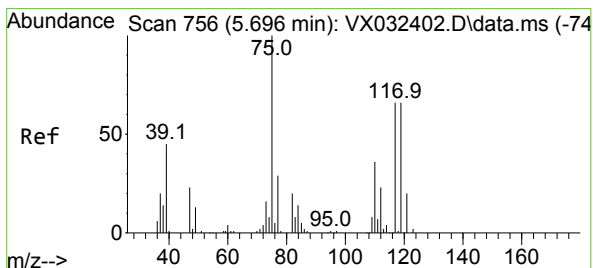
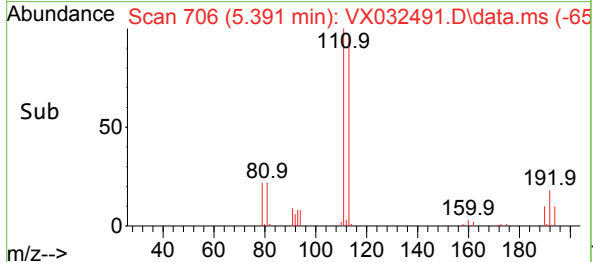
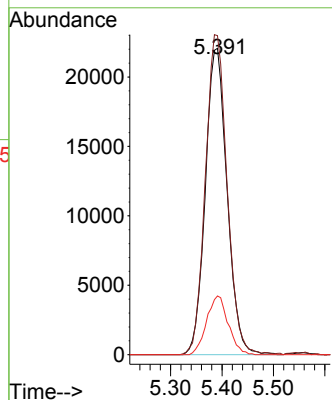
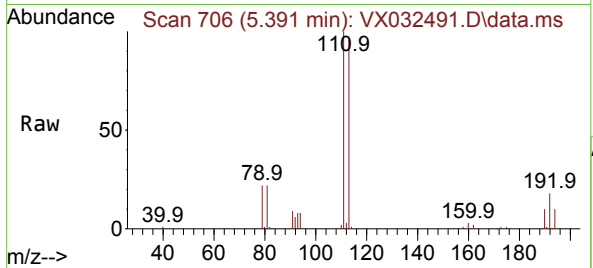




#35
Dibromofluoromethane
Concen: 45.492 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

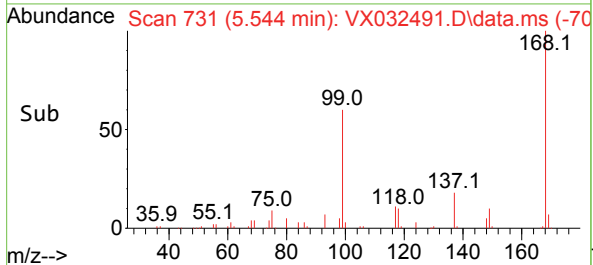
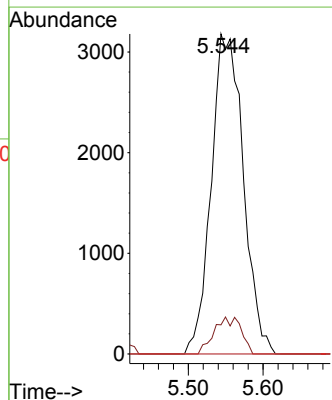
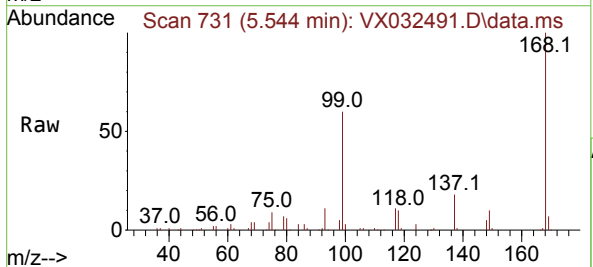
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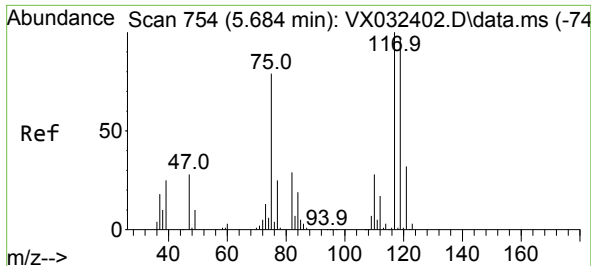
Tgt Ion:113 Resp: 64835
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

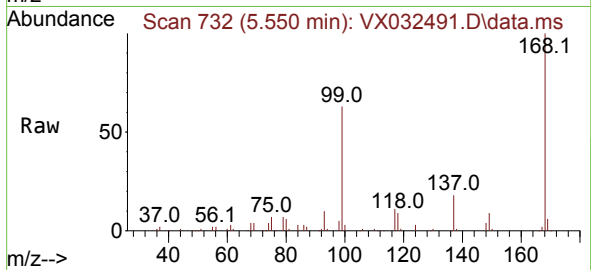
Tgt Ion: 75 Resp: 9465
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



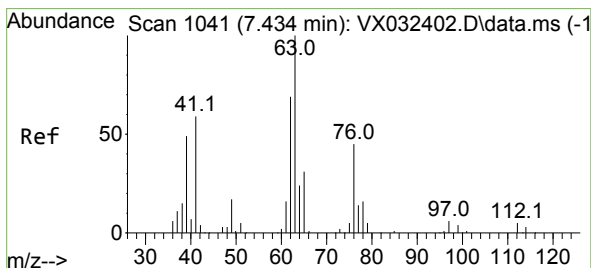
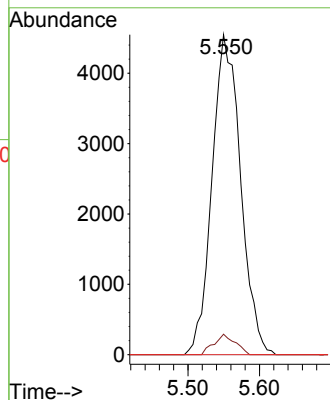
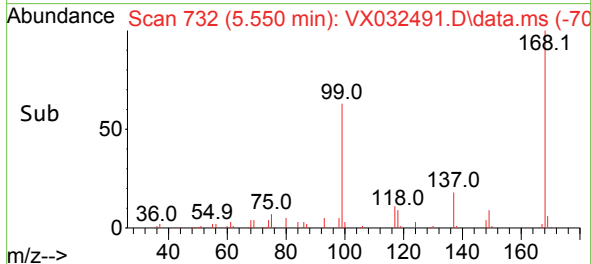


#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

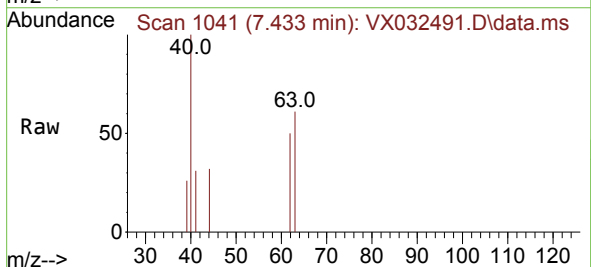
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722



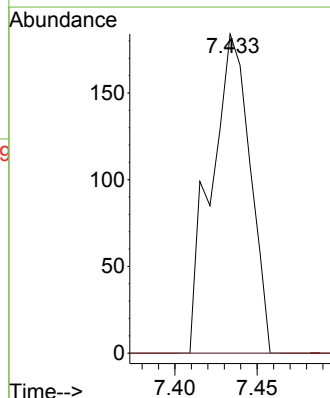
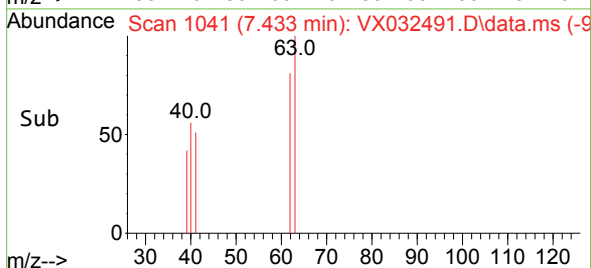
Tgt Ion:117 Resp: 12602
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 25.8 38.6#

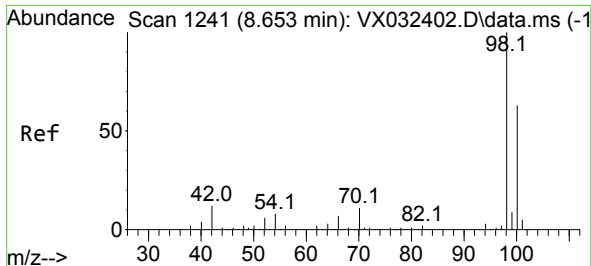


#45
1,2-Dichloropropane
Concen: 0.210 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30



Tgt Ion: 63 Resp: 303
Ion Ratio Lower Upper
63 100
65 0.0 24.6 36.8#

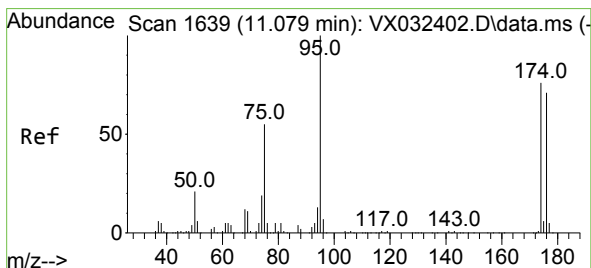
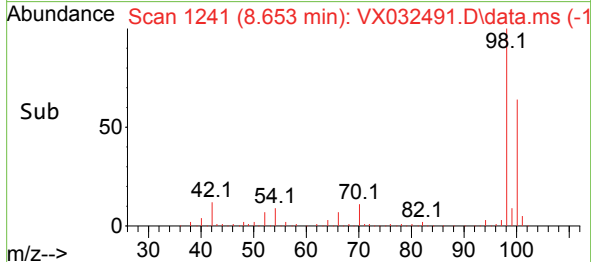
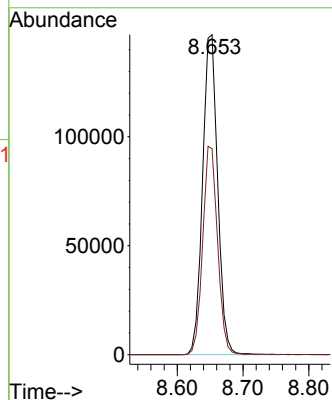
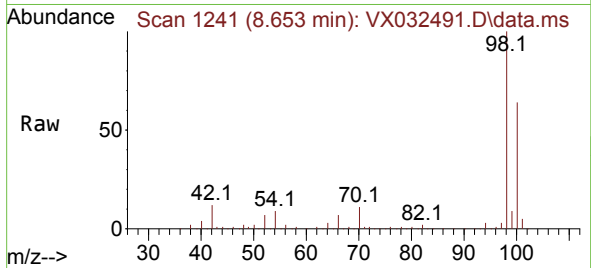




#50
Toluene-d8
Concen: 47.249 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

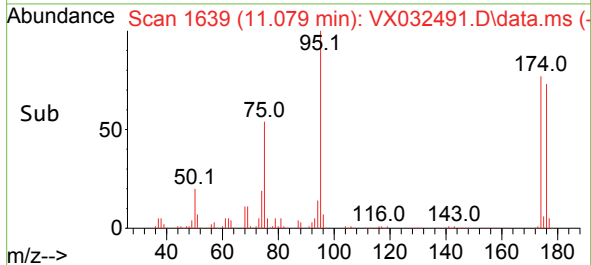
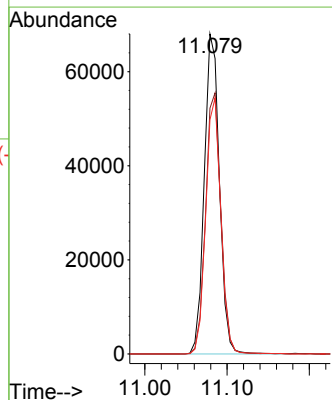
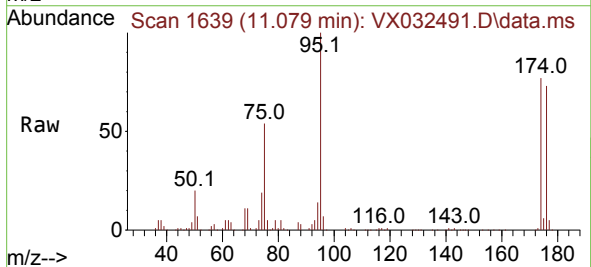
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

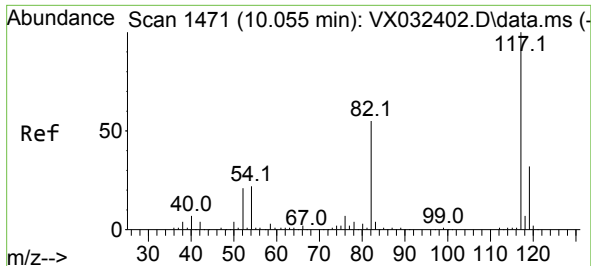
Tgt Ion: 98 Resp: 234152
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion: 95 Resp: 86784
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 80.1 0.0 154.4

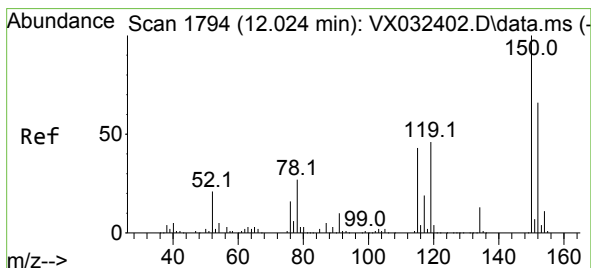
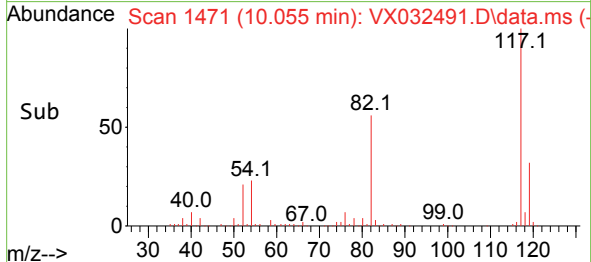
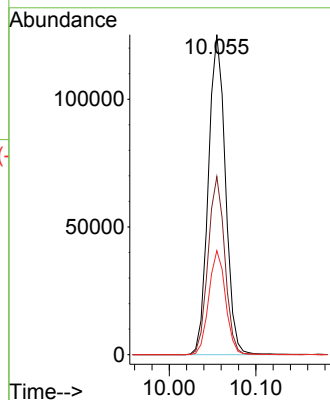
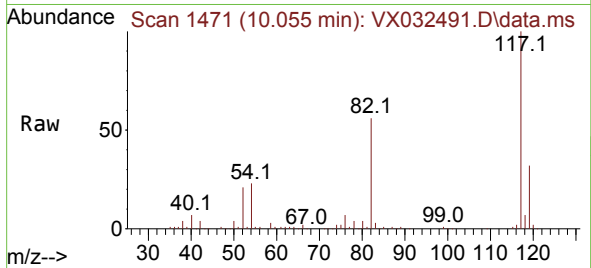




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

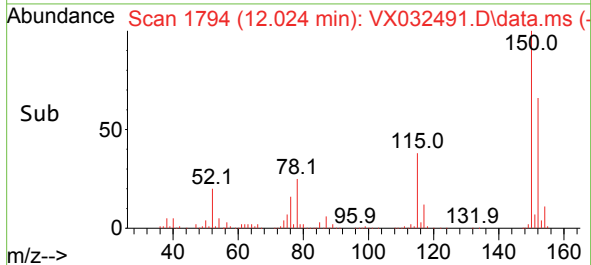
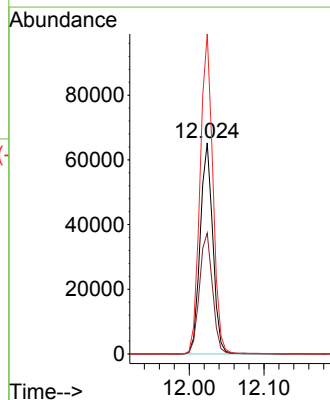
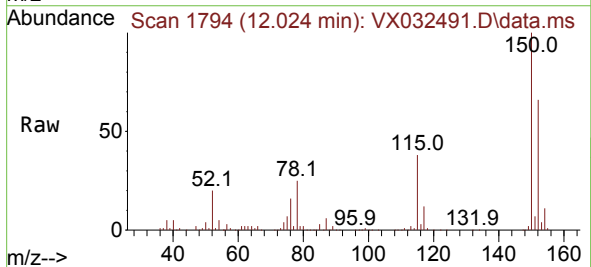
Instrument :
MSVOA_X
ClientSampleId :
MW-4R-102722

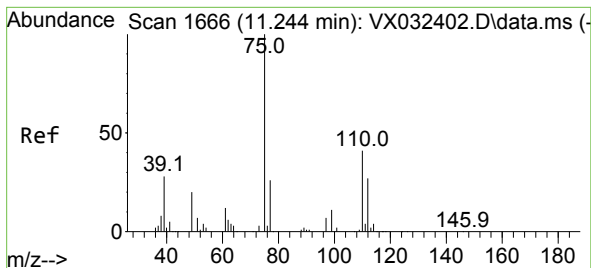
Tgt Ion:117 Resp: 170987
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032491.D
Acq: 31 Oct 2022 16:30

Tgt Ion:152 Resp: 76505
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 153.1 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 27.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032491.D

Acq: 31 Oct 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

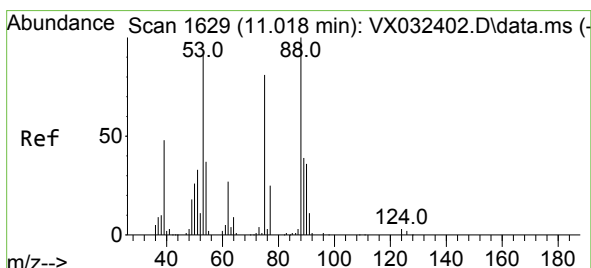
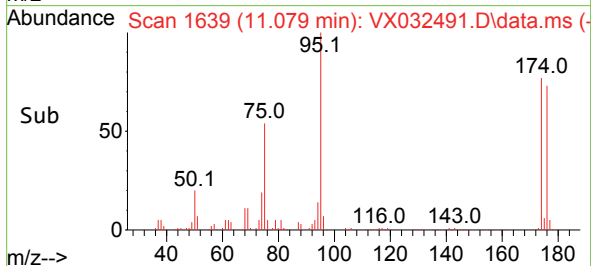
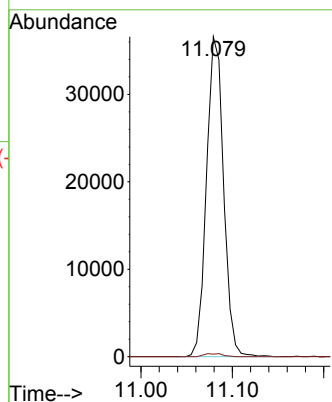
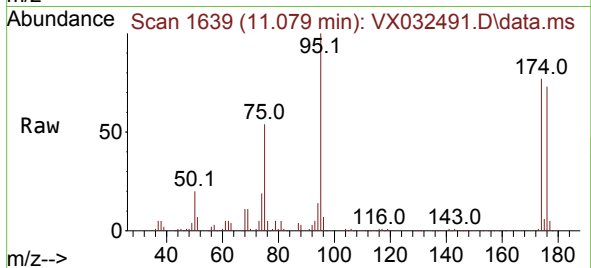
MW-4R-102722

Tgt Ion: 75 Resp: 47346

Ion Ratio Lower Upper

75 100

77 1.0 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.515 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX032491.D

Acq: 31 Oct 2022 16:30

Tgt Ion: 75 Resp: 47346

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.1 38.3 57.5#

