

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032853.D
 Acq On : 16 Nov 2022 08:06
 Operator : JC/MD
 Sample : N5640-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 16 08:37:29 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)

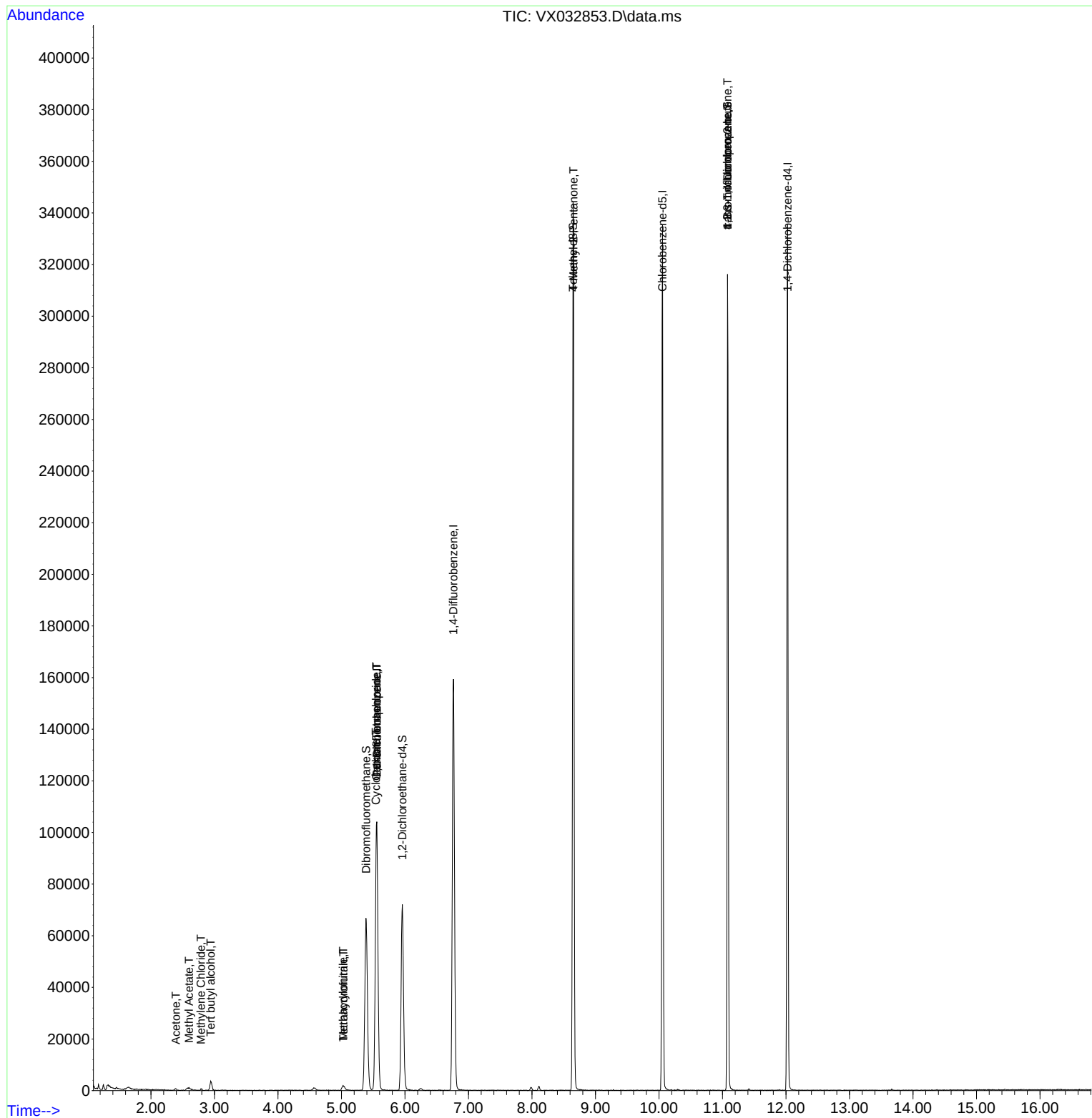
Internal Standards						
1) Pentafluorobenzene	5.556	168	99753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71696	51.727	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.460%	
35) Dibromofluoromethane	5.385	113	57259	48.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.840%	
50) Toluene-d8	8.647	98	203849	49.575	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	11.079	95	77841	48.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	2167	10.742	ug/l #	72
16) Acetone	2.392	43	866	1.719	ug/l #	88
18) Methyl Acetate	2.599	43	473	0.289	ug/l #	51
20) Methylene Chloride	2.788	84	338	0.293	ug/l #	67
29) Tetrahydrofuran	5.032	42	1737	3.490	ug/l	94
31) Cyclohexane	5.544	56	2307	1.373	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	7773	4.720	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10232	5.602	ug/l #	16
41) Methacrylonitrile	5.026	41	1020	1.168	ug/l #	37
51) 4-Methyl-2-Pentanone	8.653	43	951	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43048	27.832	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43048	88.563	ug/l #	6

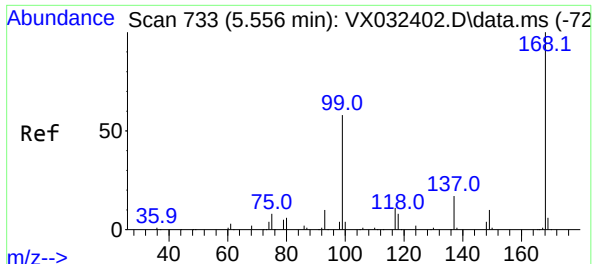
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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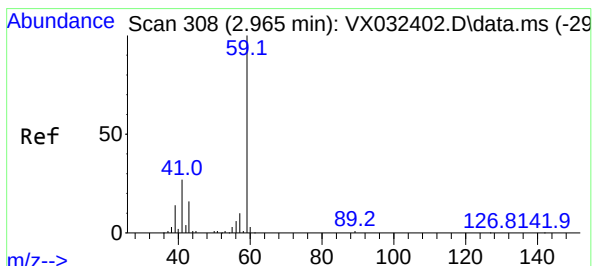
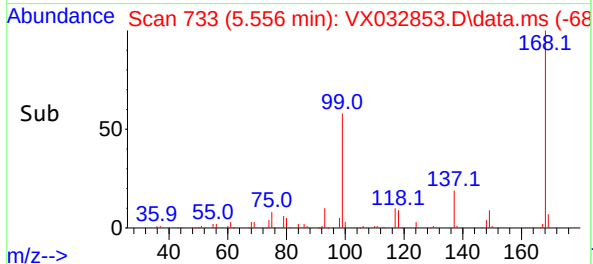
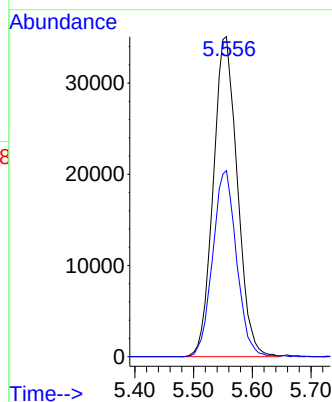
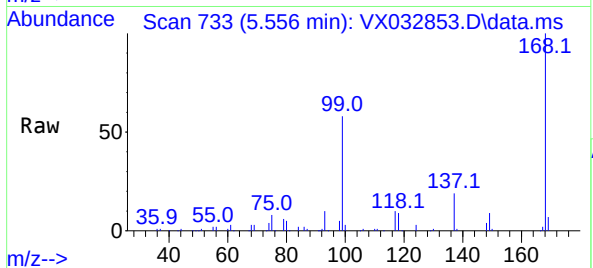




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

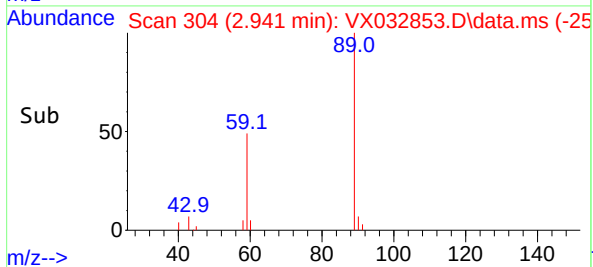
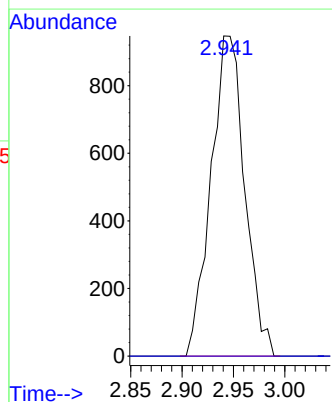
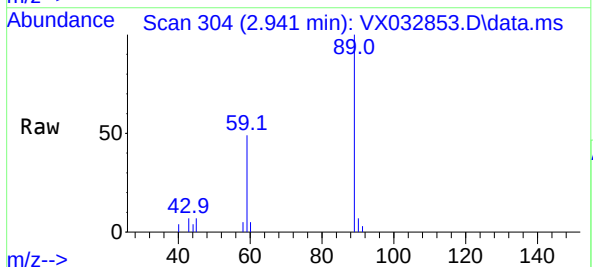
Instrument :
MSVOA_X
ClientSampleId :
MW-2

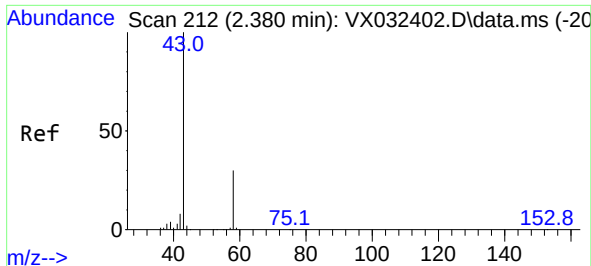
Tgt Ion:168 Resp: 99753
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.742 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 59 Resp: 2167
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

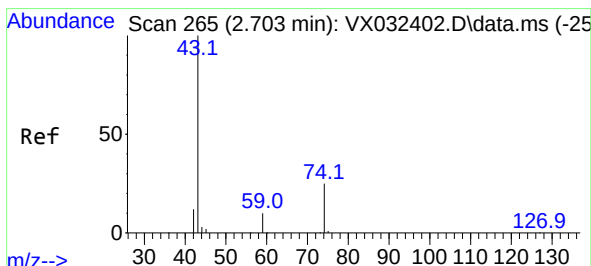
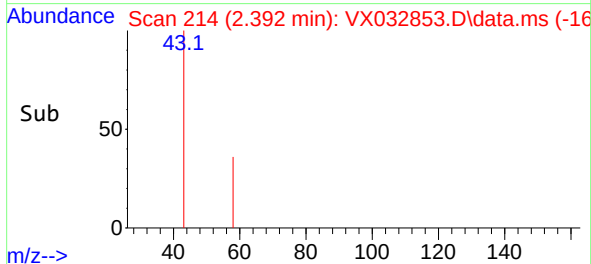
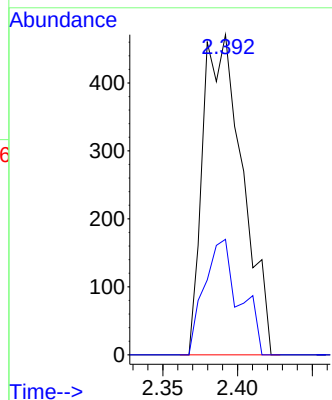
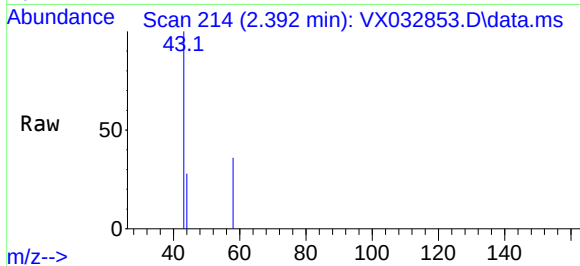




#16
Acetone
Concen: 1.719 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

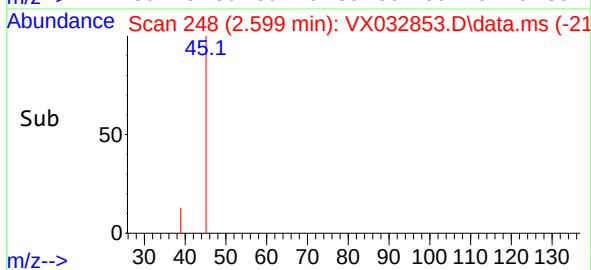
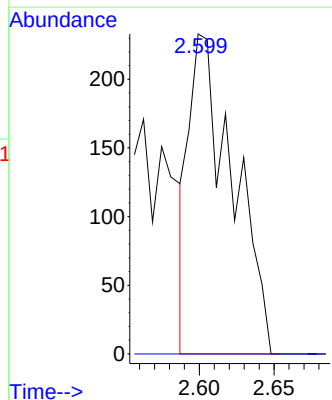
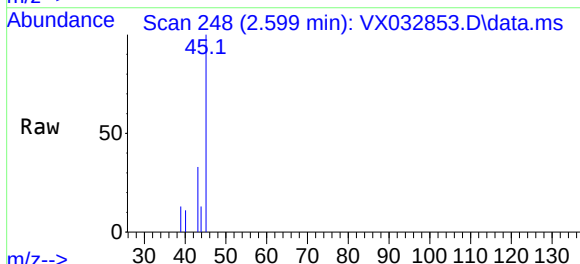
Instrument :
MSVOA_X
ClientSampleId :
MW-2

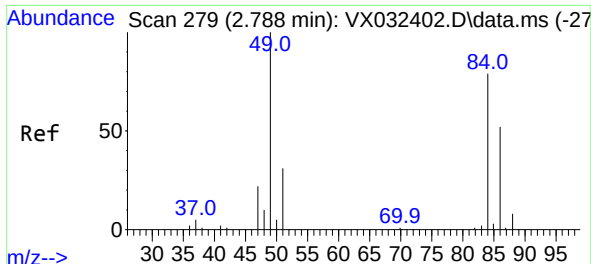
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 36.1 23.8 35.8#



#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.103 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



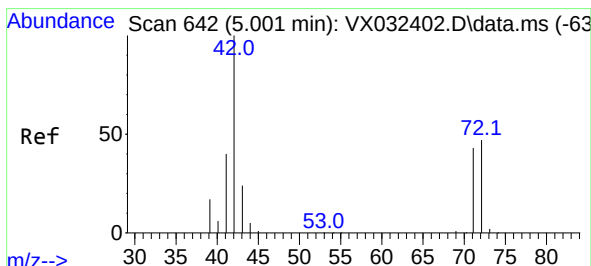
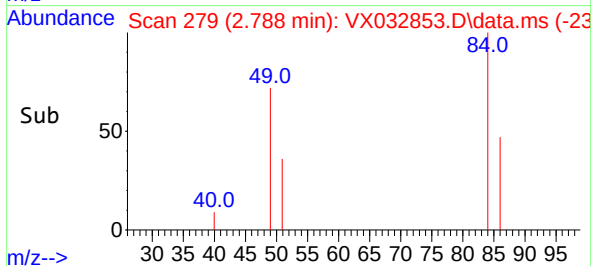
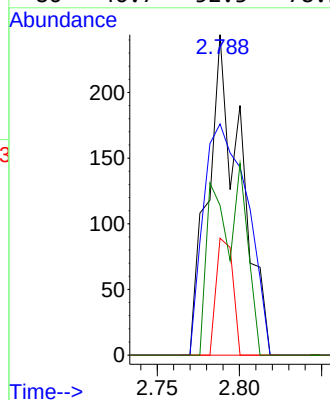
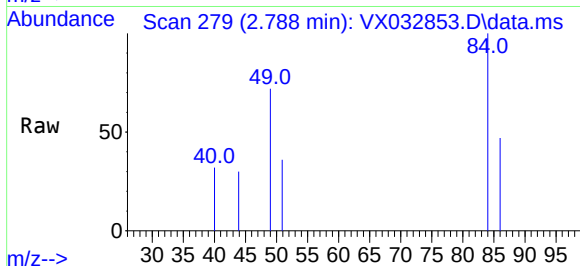


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 84 Resp: 338

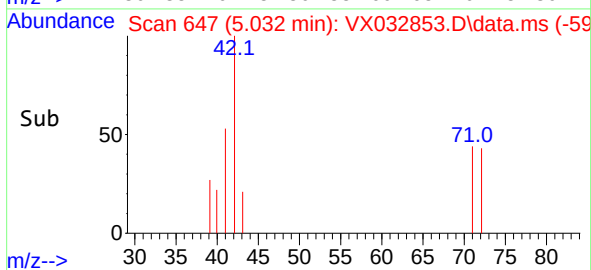
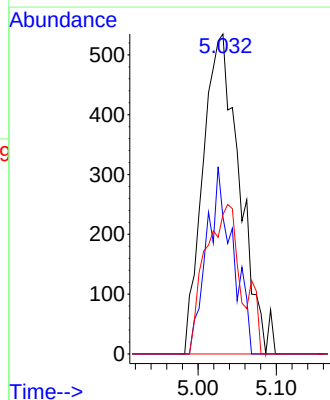
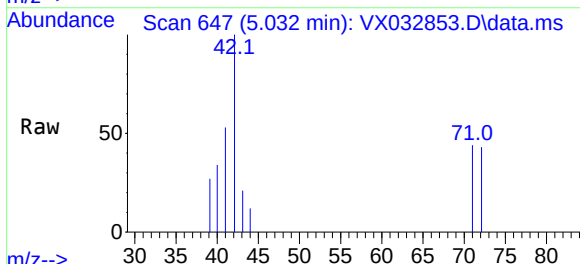
Ion	Ratio	Lower	Upper
84	100		
49	72.1	101.0	151.6#
51	36.5	31.1	46.7
86	46.7	52.3	78.5#

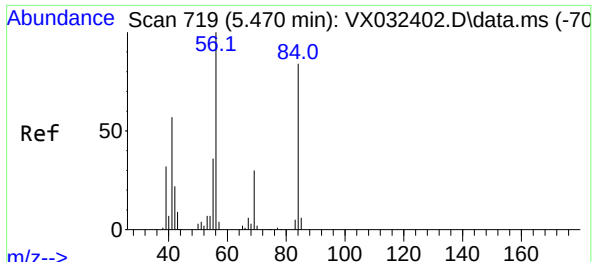


#29
Tetrahydrofuran
Concen: 3.490 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 42 Resp: 1737

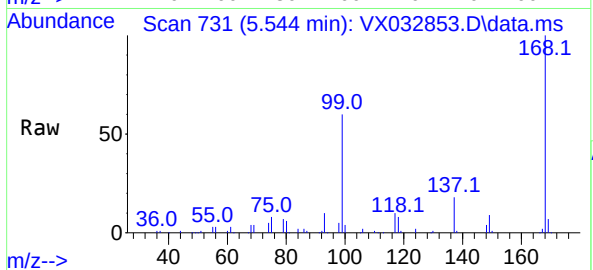
Ion	Ratio	Lower	Upper
42	100		
72	41.5	37.6	56.4
71	41.7	34.7	52.1



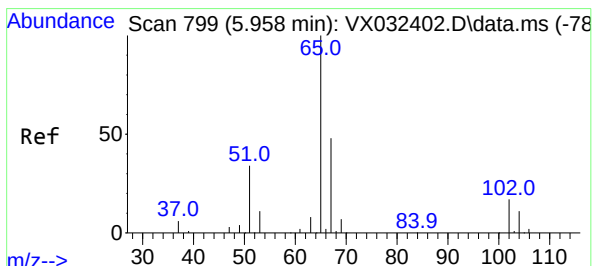
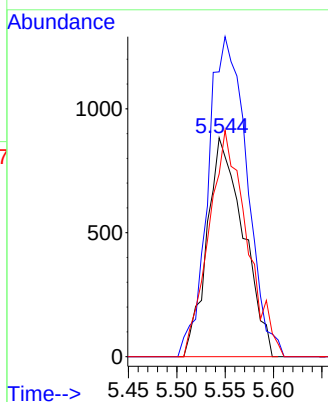
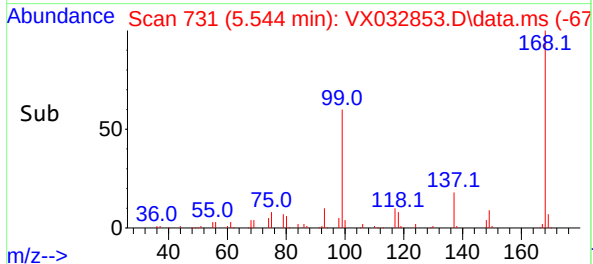


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Instrument :
MSVOA_X
ClientSampleId :
MW-2

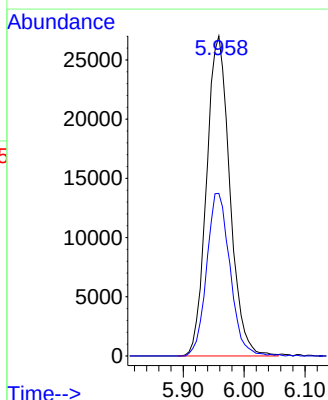
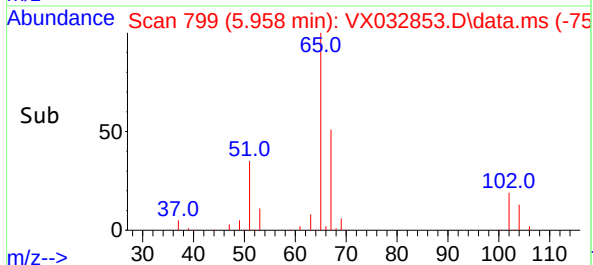
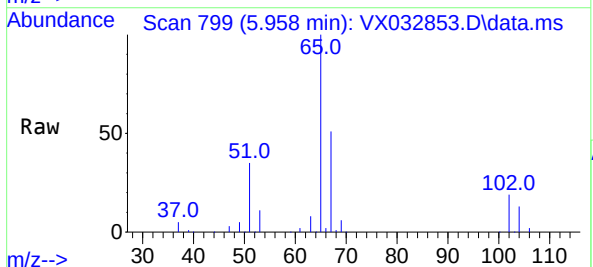


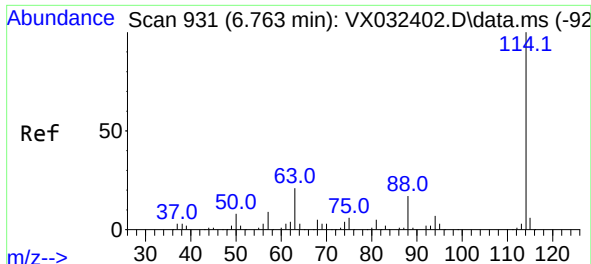
Tgt Ion: 56 Resp: 2307
Ion Ratio Lower Upper
56 100
69 130.1 24.1 36.1#
84 83.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.727 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 65 Resp: 71696
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

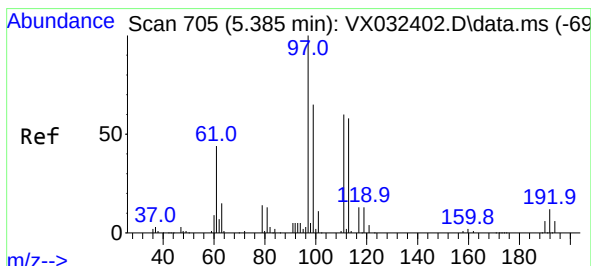
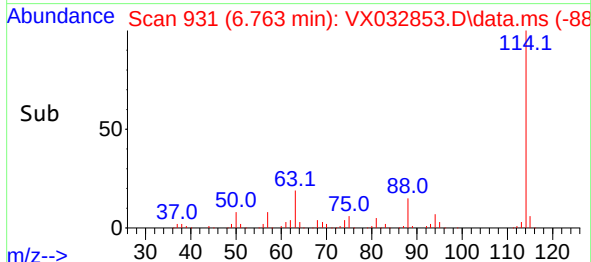
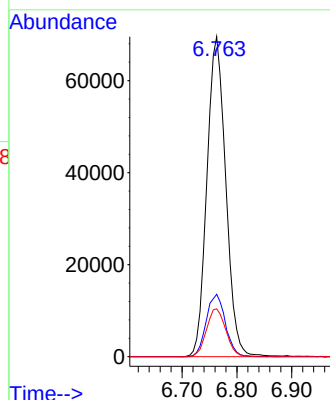
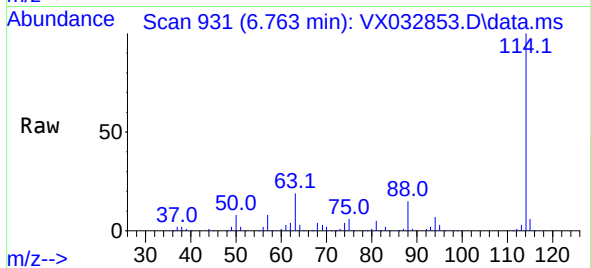




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

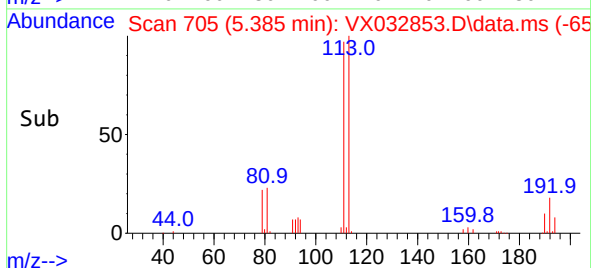
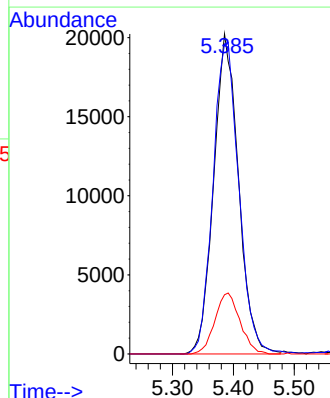
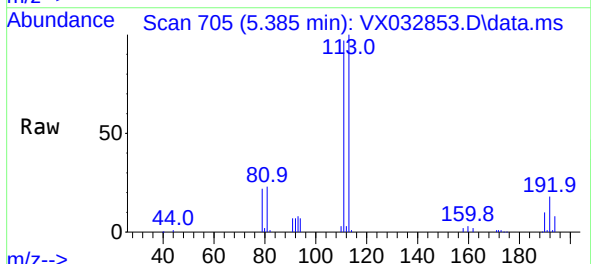
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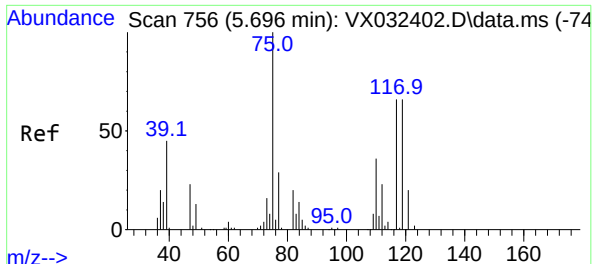
Tgt Ion:114 Resp: 165781
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion:113 Resp: 57259
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.3 15.4 23.2

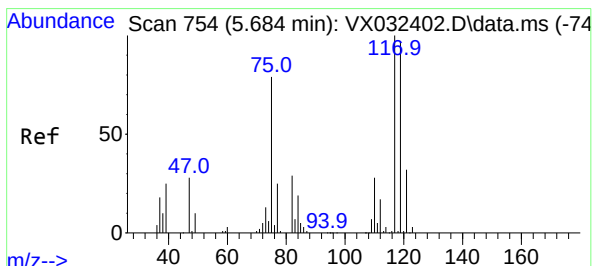
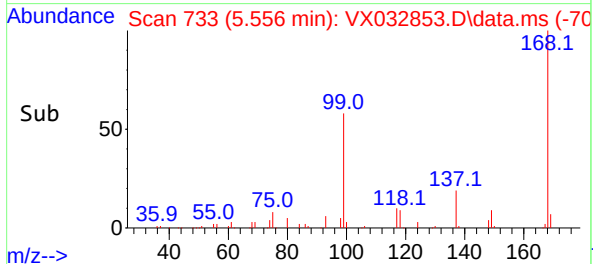
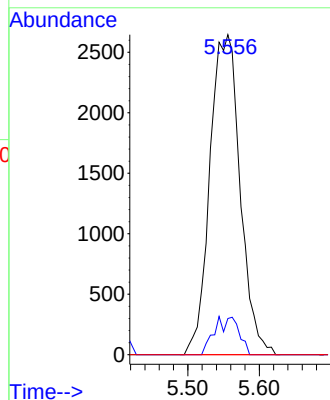
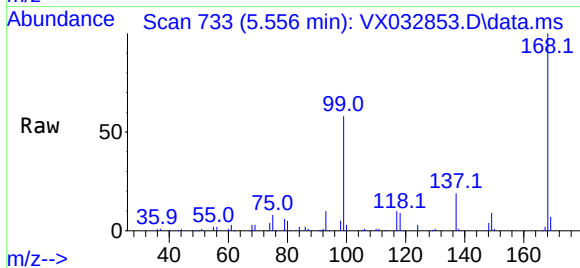




#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

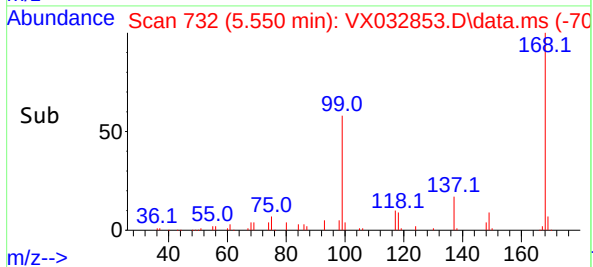
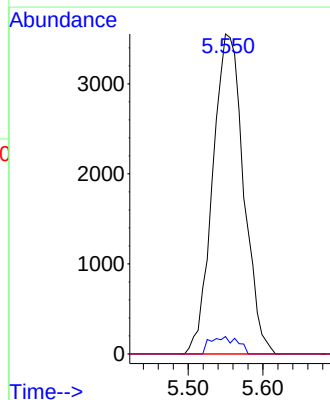
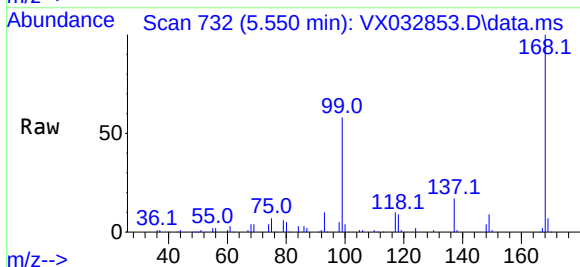
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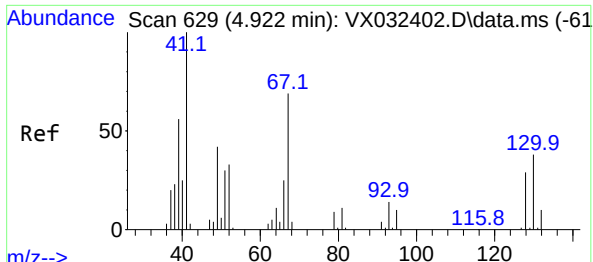
Tgt Ion: 75 Resp: 7773
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.602 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

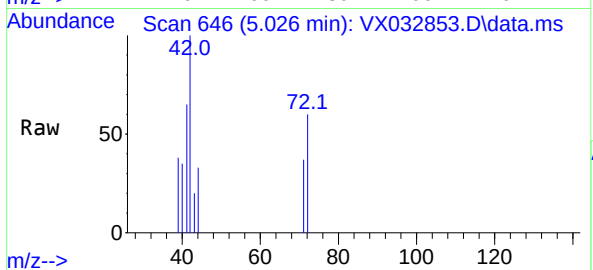
Tgt Ion: 117 Resp: 10232
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#





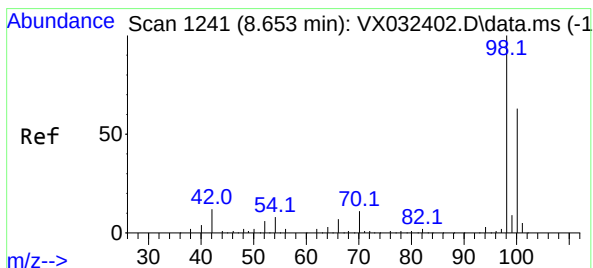
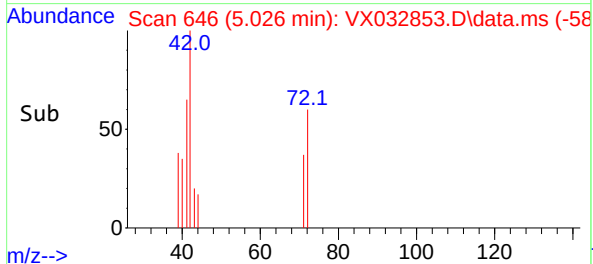
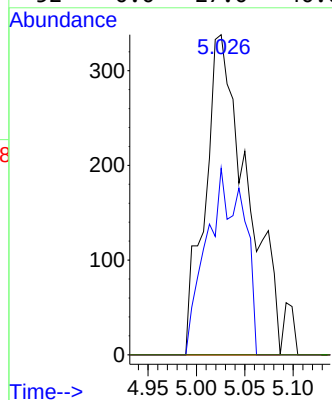
#41
Methacrylonitrile
Concen: 1.168 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.104 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion: 41 Resp: 1020

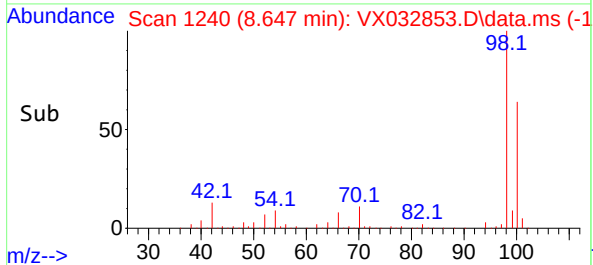
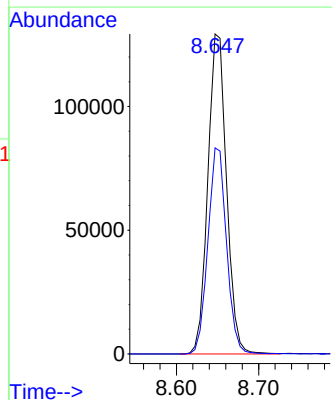
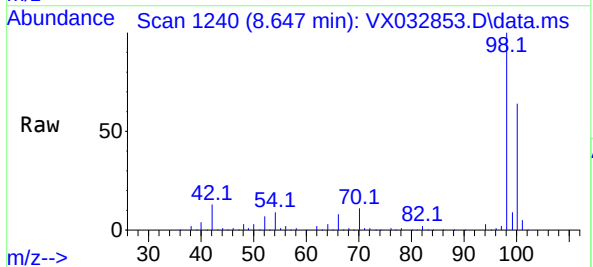
Ion	Ratio	Lower	Upper
41	100		
39	35.7	47.5	71.3#
67	0.0	60.5	90.7#
52	0.0	27.0	40.6#

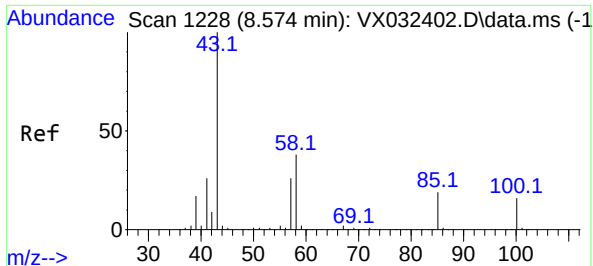


#50
Toluene-d8
Concen: 49.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 98 Resp: 203849

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3

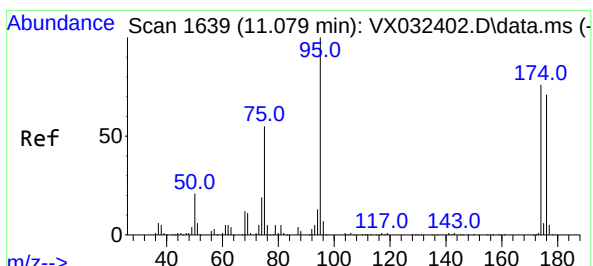
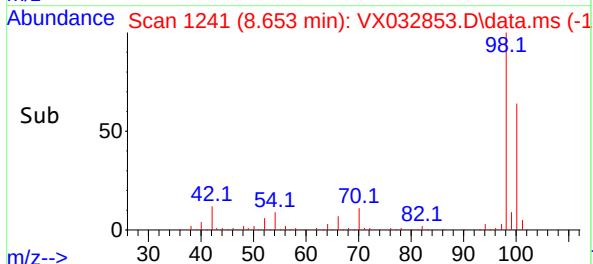
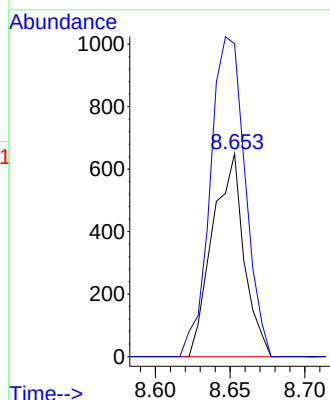
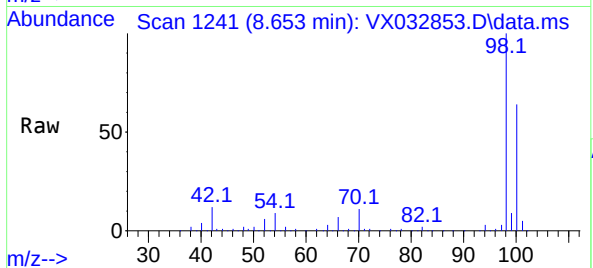




#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

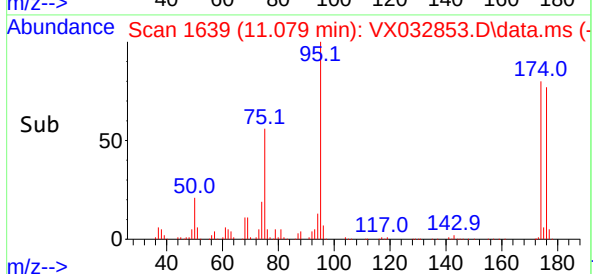
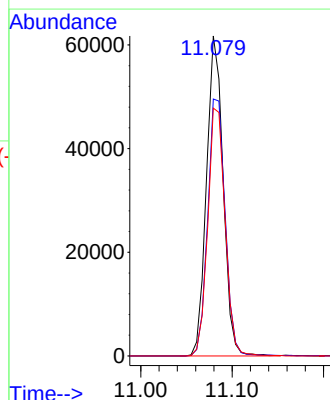
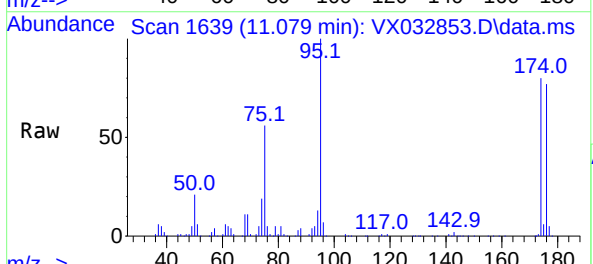
Instrument :
MSVOA_X
ClientSampleId :
MW-2

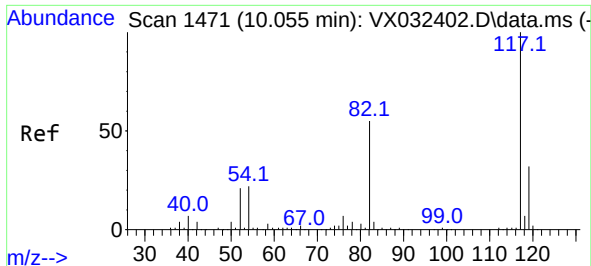
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 174.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 95 Resp: 77841
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.0 0.0 154.4

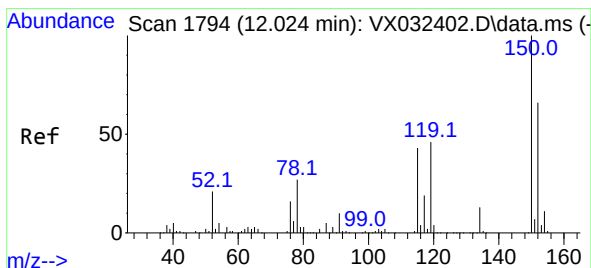
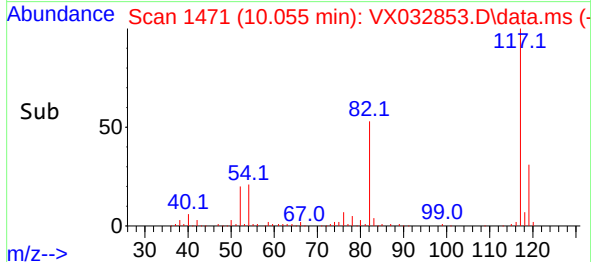
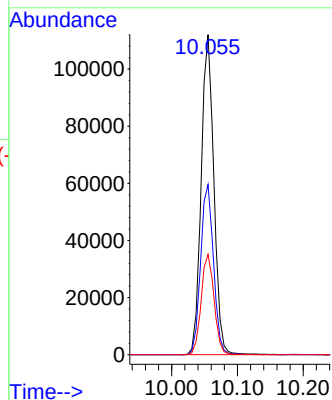
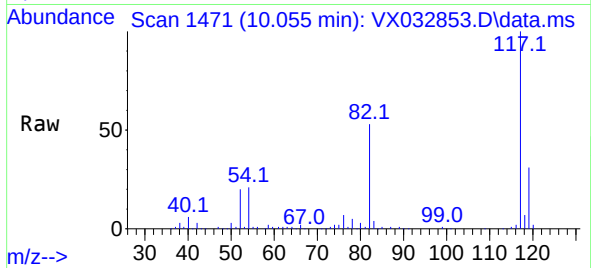




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

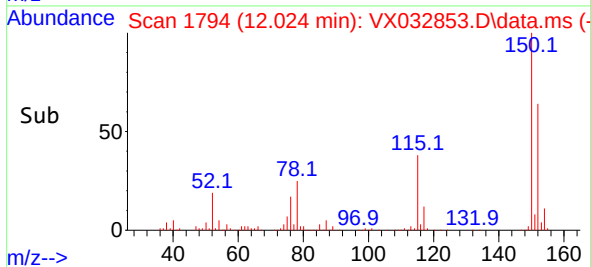
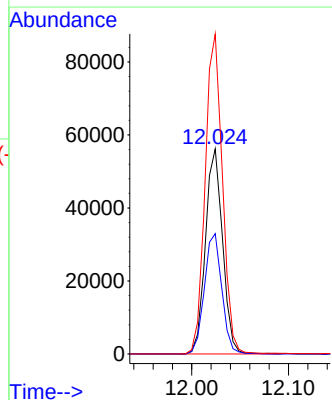
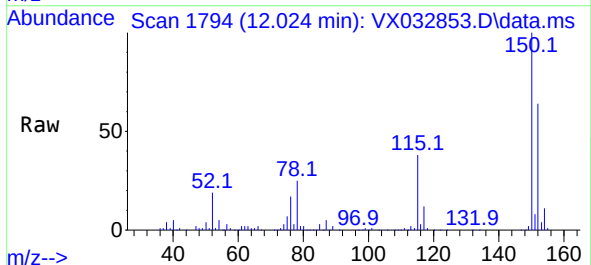
Instrument :
MSVOA_X
ClientSampleId :
MW-2

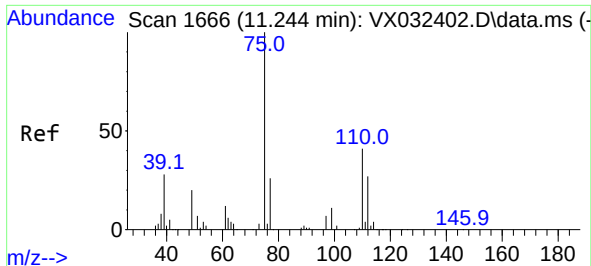
Tgt Ion:117 Resp: 150084
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion:152 Resp: 69522
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.9 0.0 351.8

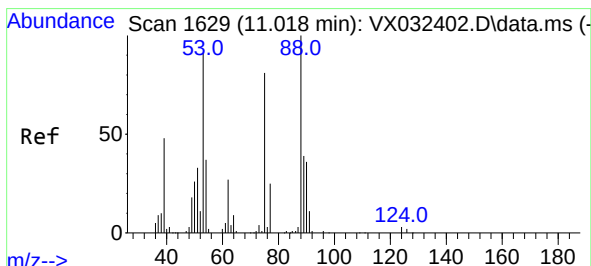
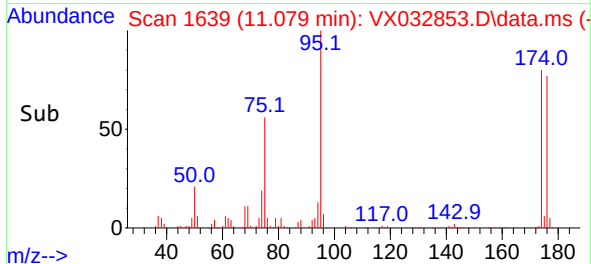
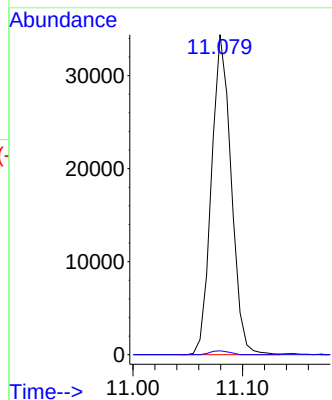
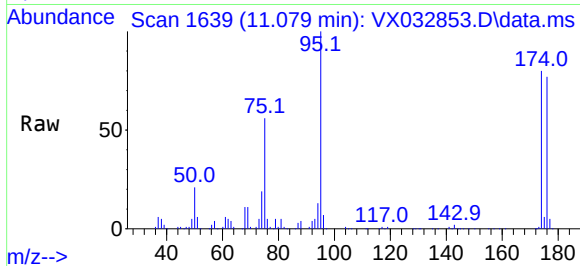




#76
1,2,3-Trichloropropane
Concen: 27.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 43048
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032853.D
Acq: 16 Nov 2022 08:06

Tgt Ion: 75 Resp: 43048
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

