

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028039.D
 Acq On : 08 Apr 2022 19:50
 Operator : JC/MD
 Sample : N2334-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Apr 11 01:19:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

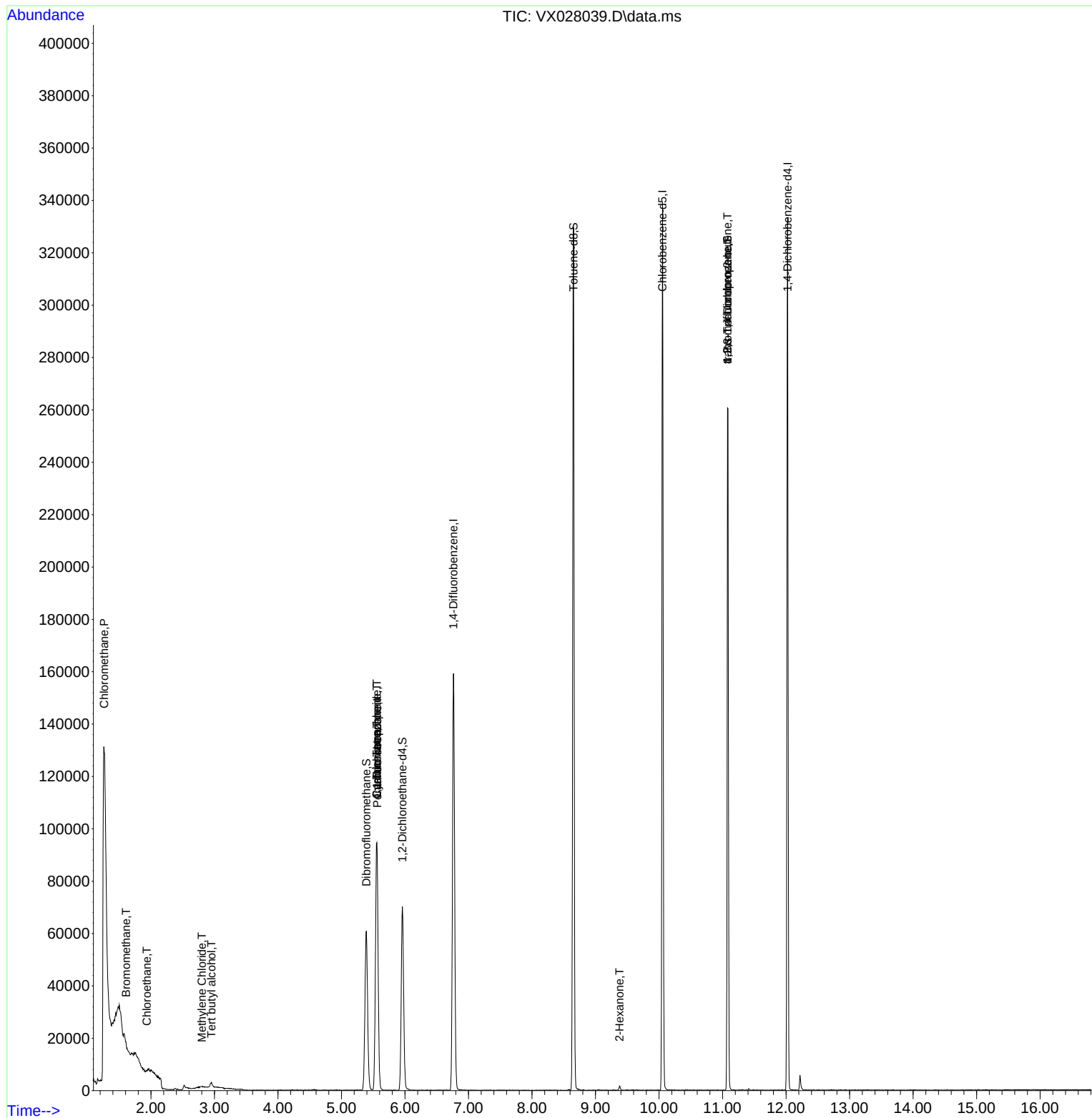
Internal Standards						
1) Pentafluorobenzene	5.562	168	80698	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	148998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72023	58.794	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.580%	
35) Dibromofluoromethane	5.391	113	51261	51.253	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.500%	
50) Toluene-d8	8.653	98	198255	55.555	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.120%	
62) 4-Bromofluorobenzene	11.079	95	72071	47.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	8448	10.632	ug/l	# 42
5) Bromomethane	1.605	94	72	0.873	ug/l	# 3
6) Chloroethane	1.935	64	441	2.328	ug/l	# 51
11) Tert butyl alcohol	2.953	59	1649	7.640	ug/l	# 72
16) Acetone	2.374	43	695	Below Cal	#	64
17) Carbon Disulfide	2.520	76	1764	Below Cal		98
20) Methylene Chloride	2.800	84	26	2.359	ug/l	# 62
31) Cyclohexane	5.556	56	2318	1.561	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	7674	5.218	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9584	6.021	ug/l	# 14
59) 2-Hexanone	9.378	43	1068	0.789	ug/l	# 18
76) 1,2,3-Trichloropropane	11.079	75	42019	28.281	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	42019	87.083	ug/l	# 15

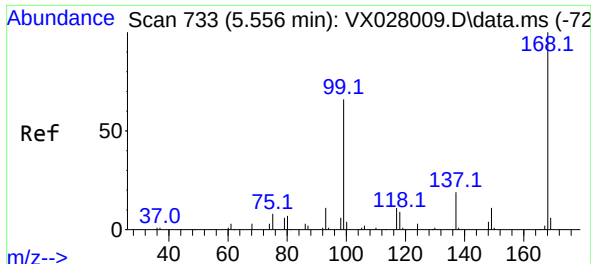
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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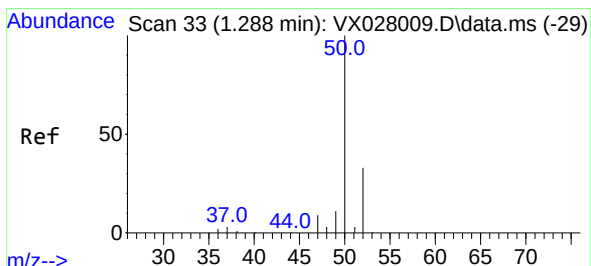
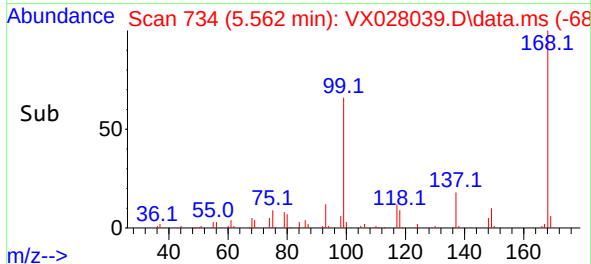
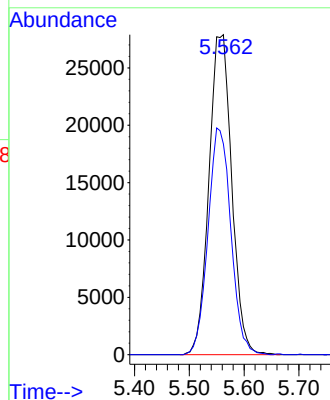
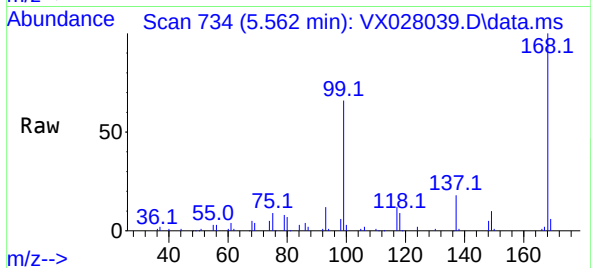




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

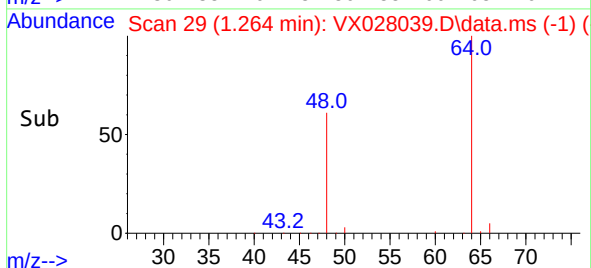
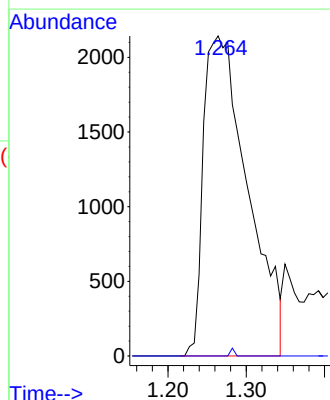
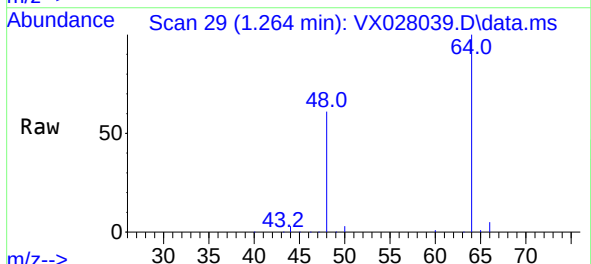
Instrument :
MSVOA_X
ClientSampleId :
MW-25

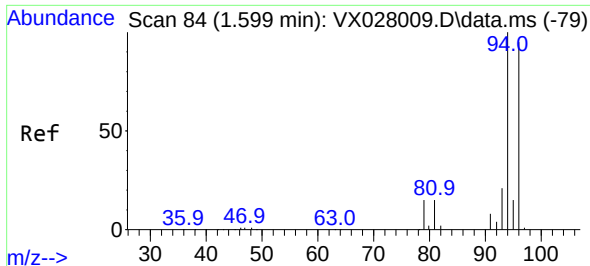
Tgt Ion:168 Resp: 80698
Ion Ratio Lower Upper
168 100
99 65.8 41.7 62.5#



#3
Chloromethane
Concen: 10.632 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion: 50 Resp: 8448
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

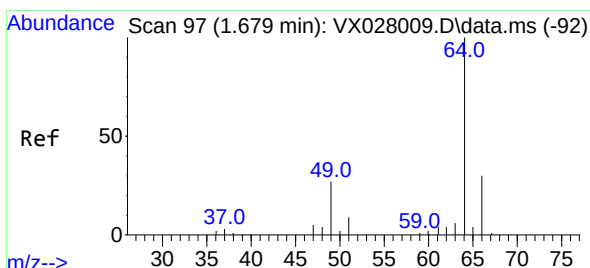
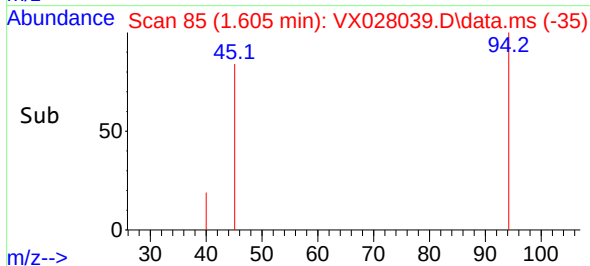
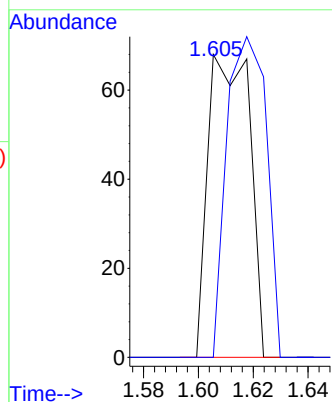
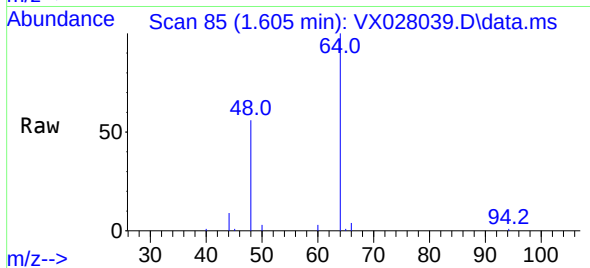




#5
Bromomethane
Concen: 0.873 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

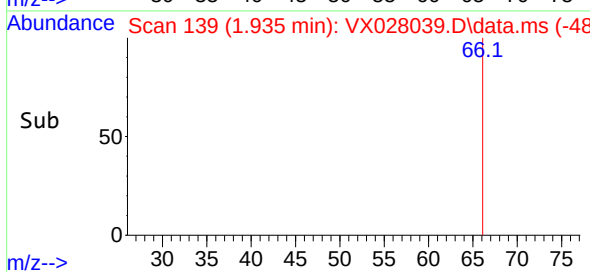
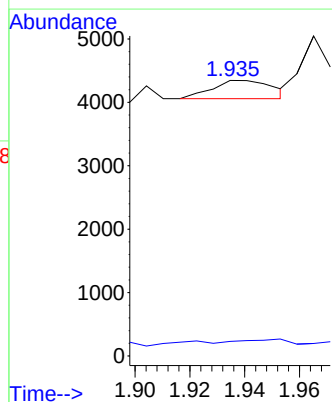
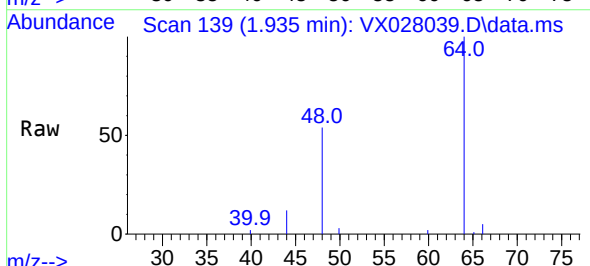
Instrument :
MSVOA_X
ClientSampleId :
MW-25

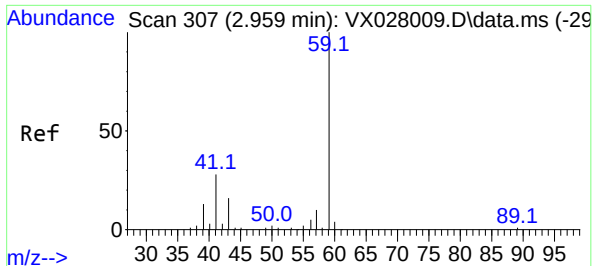
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 2.328 ug/l
RT: 1.935 min Scan# 139
Delta R.T. 0.256 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion: 64 Resp: 441
Ion Ratio Lower Upper
64 100
66 4.2 25.3 37.9#





#11

Tert butyl alcohol

Concen: 7.640 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX028039.D

Acq: 08 Apr 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

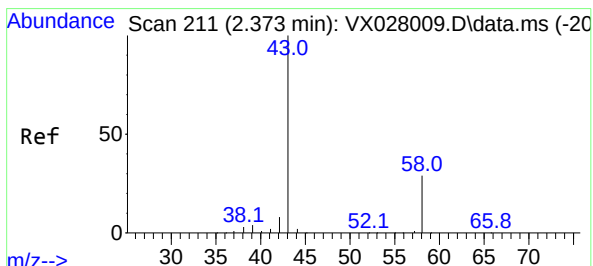
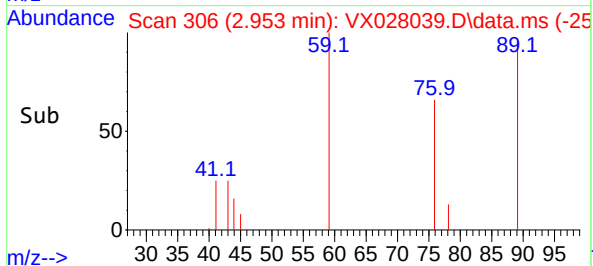
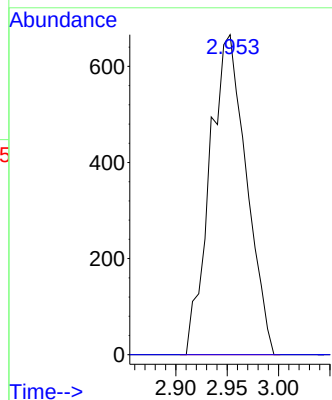
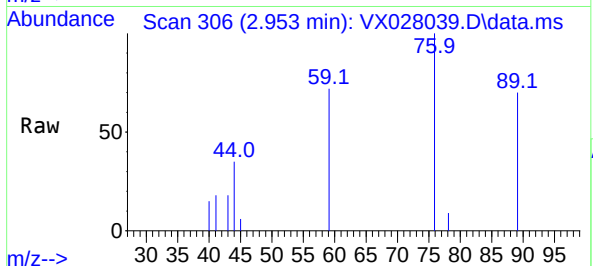
MW-25

Tgt Ion: 59 Resp: 1649

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX028039.D

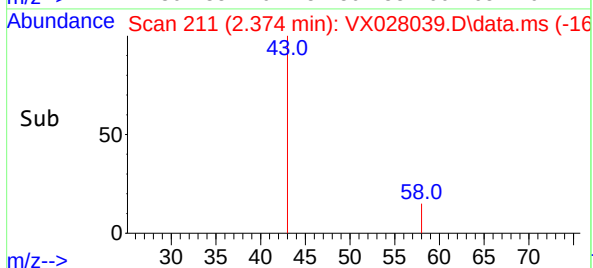
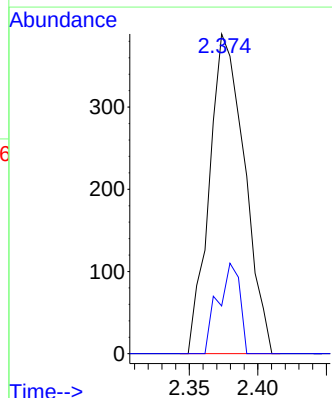
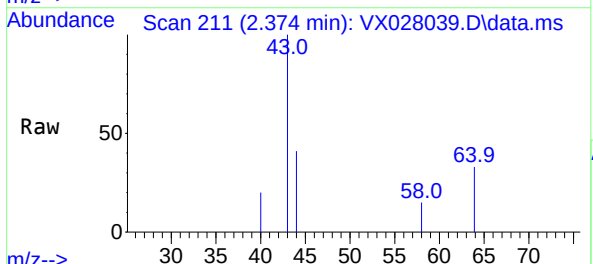
Acq: 08 Apr 2022 19:50

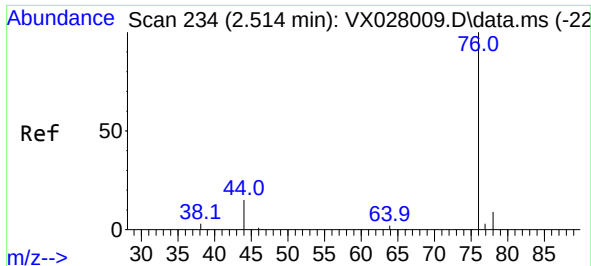
Tgt Ion: 43 Resp: 695

Ion Ratio Lower Upper

43 100

58 14.9 28.8 43.2#

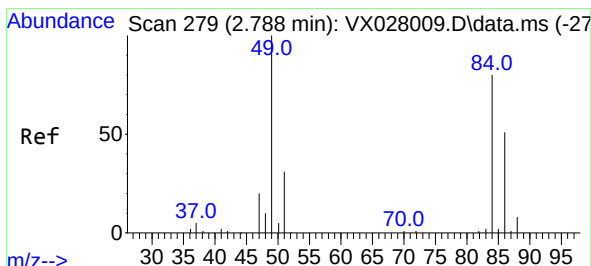
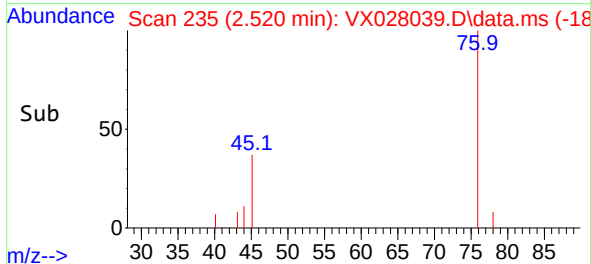
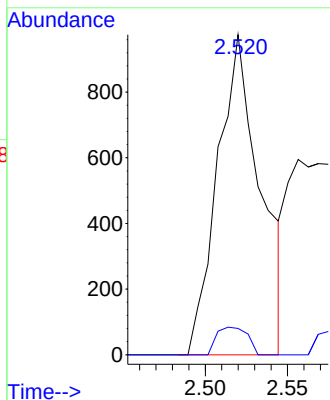
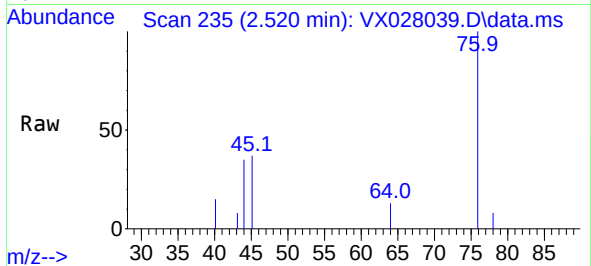




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

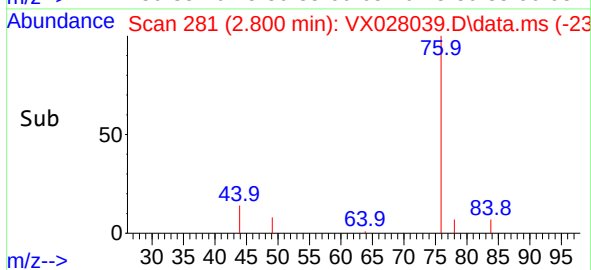
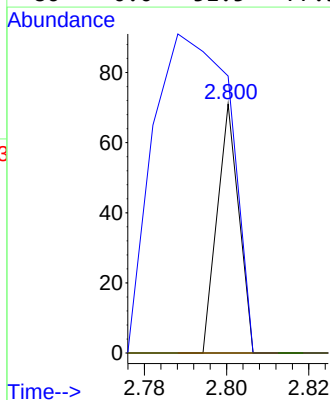
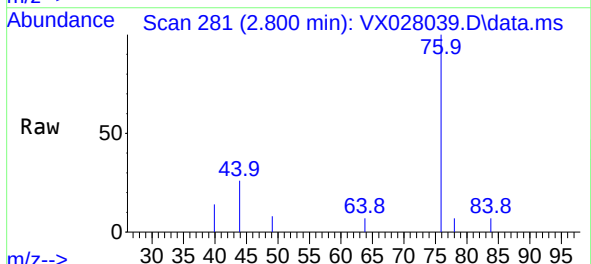
Instrument :
MSVOA_X
ClientSampleId :
MW-25

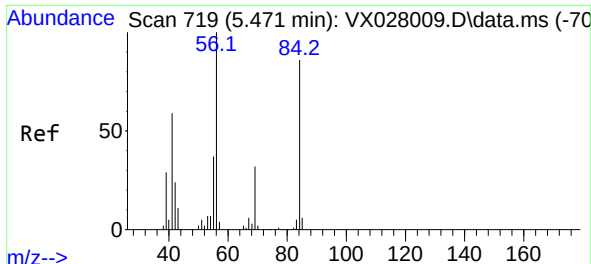
Tgt Ion: 76 Resp: 1764
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#20
Methylene Chloride
Concen: 2.359 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

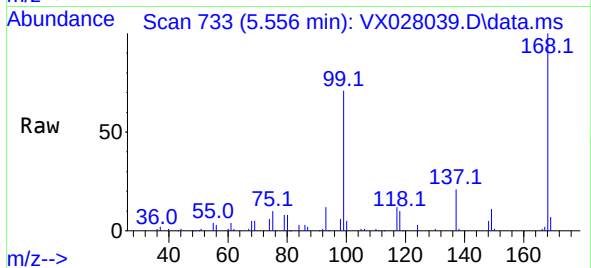
Tgt Ion: 84 Resp: 26
Ion Ratio Lower Upper
84 100
49 111.3 85.5 128.3
51 0.0 26.6 39.8#
86 0.0 51.5 77.3#



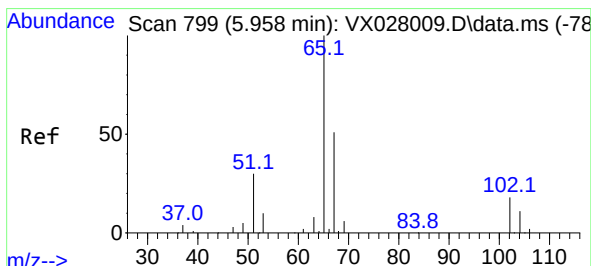
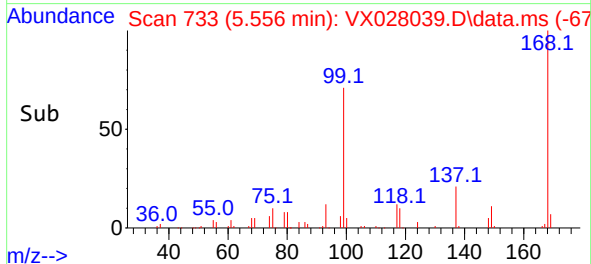
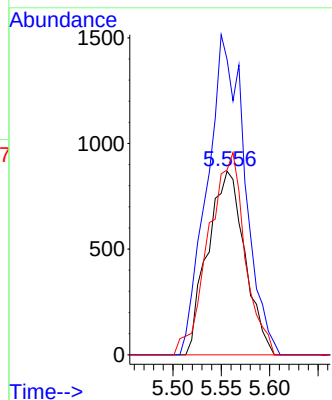


#31
Cyclohexane
Concen: 1.561 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW-25

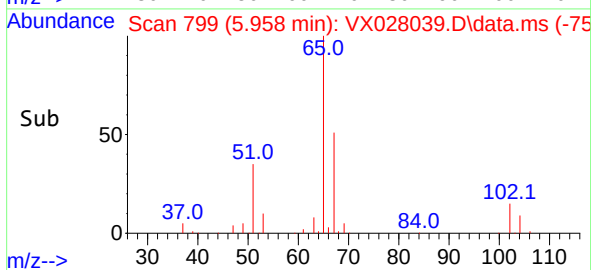
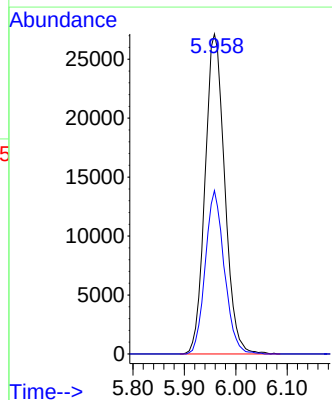
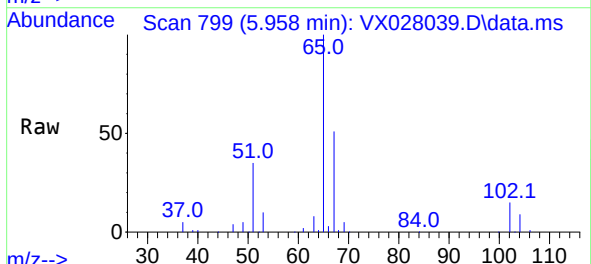


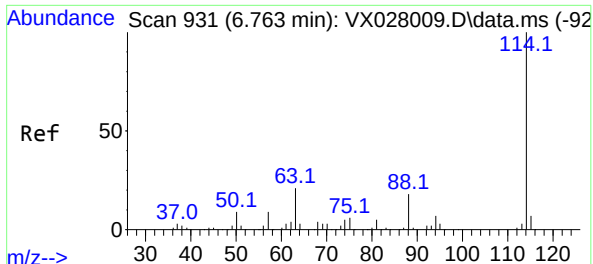
Tgt Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 160.9 26.7 40.1#
84 100.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 58.794 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion: 65 Resp: 72023
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.4

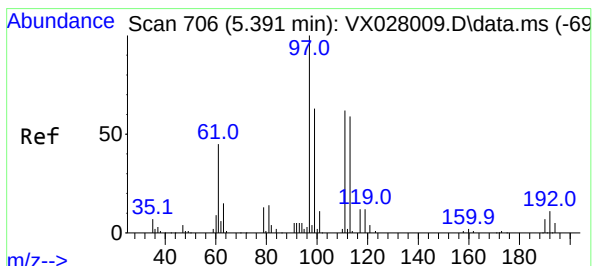
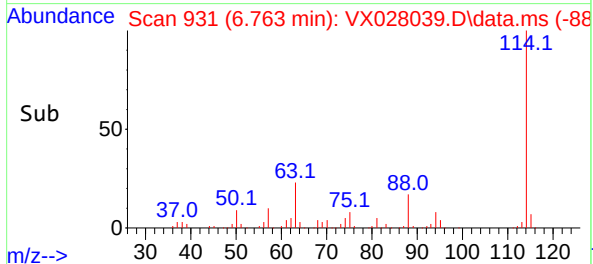
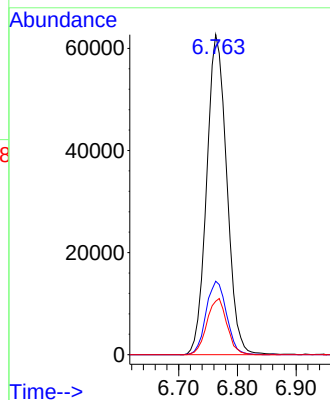
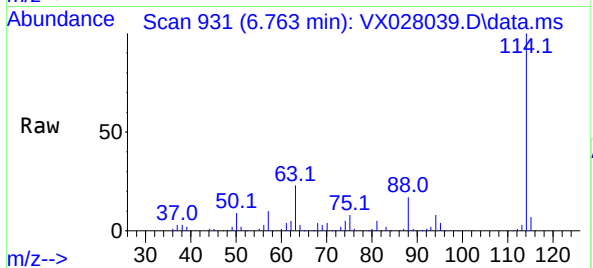




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

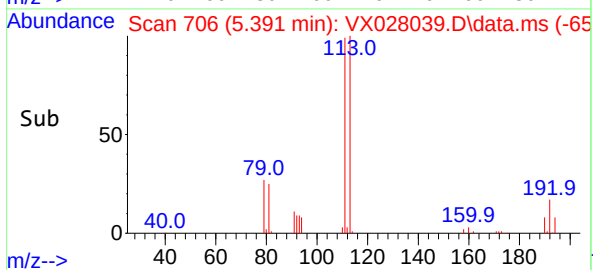
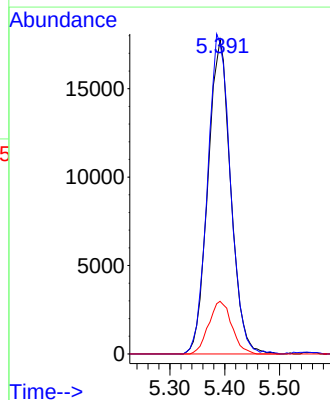
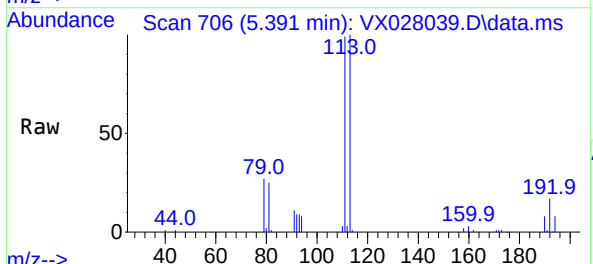
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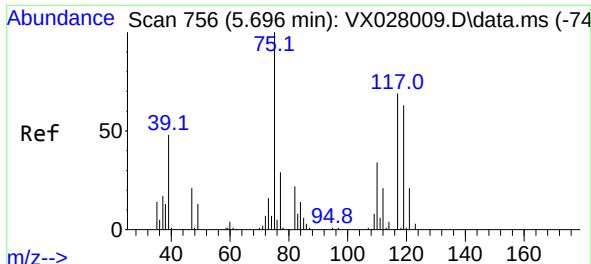
Tgt Ion:114 Resp: 148998
Ion Ratio Lower Upper
114 100
63 22.9 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.253 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion:113 Resp: 51261
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 16.9 16.9 25.3

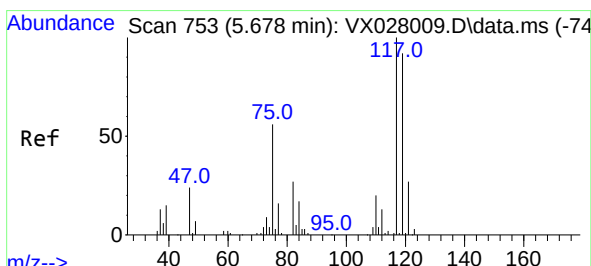
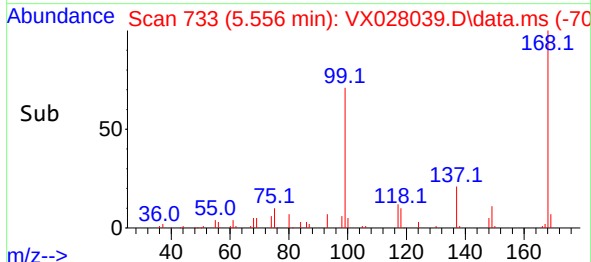
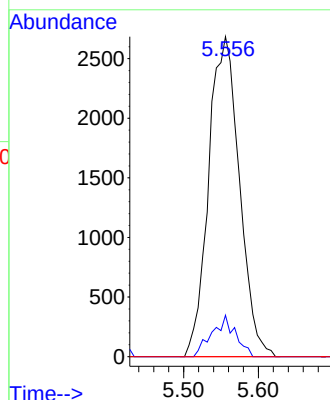
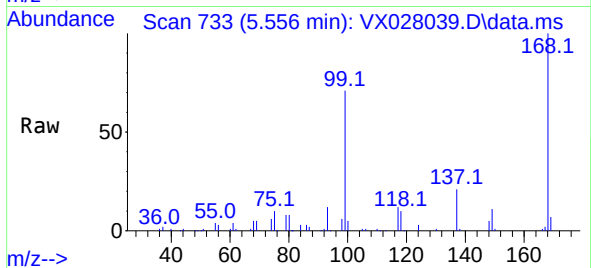




#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

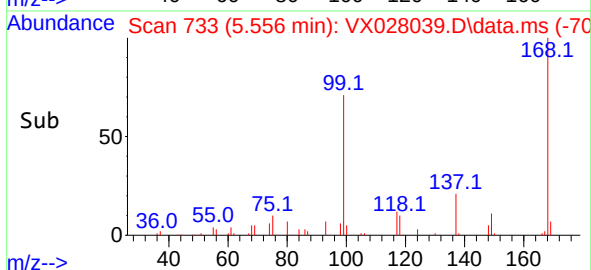
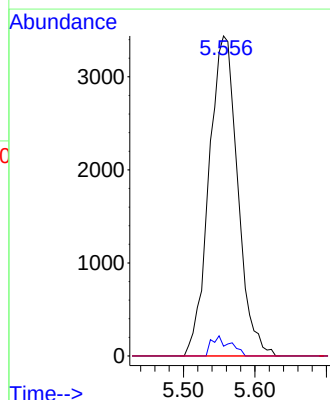
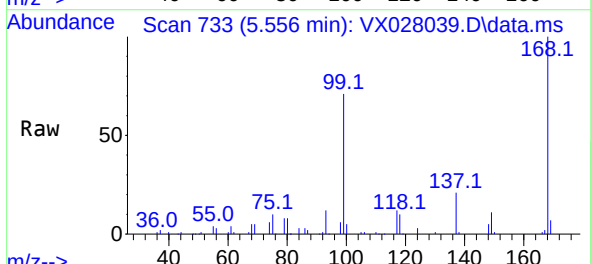
Instrument :
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MW-25

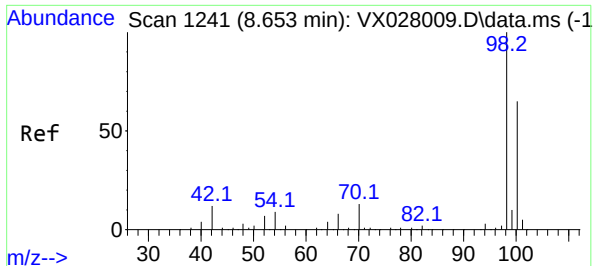
Tgt Ion: 75 Resp: 7674
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion: 117 Resp: 9584
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 55.555 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028039.D

Acq: 08 Apr 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

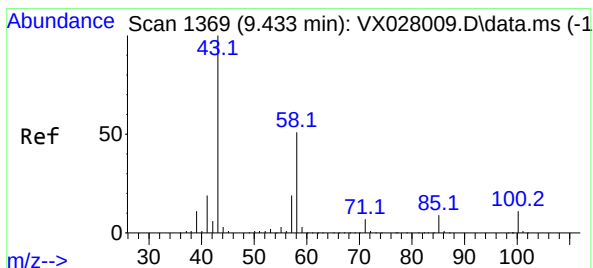
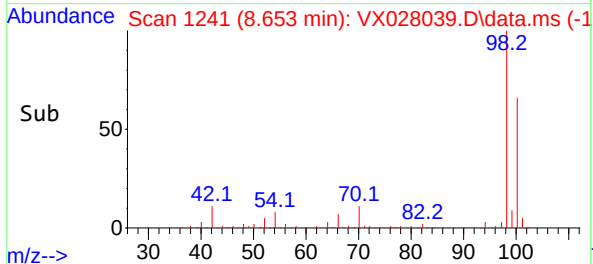
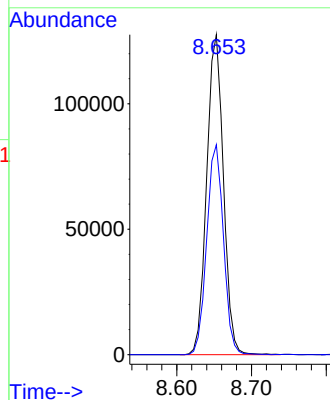
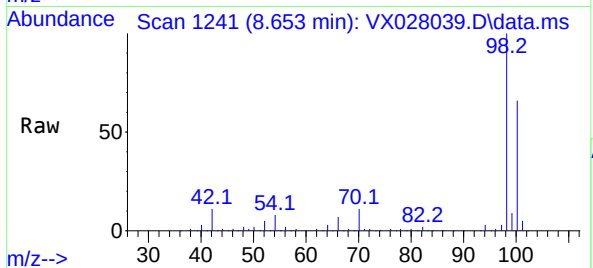
MW-25

Tgt Ion: 98 Resp: 198255

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#59

2-Hexanone

Concen: 0.789 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX028039.D

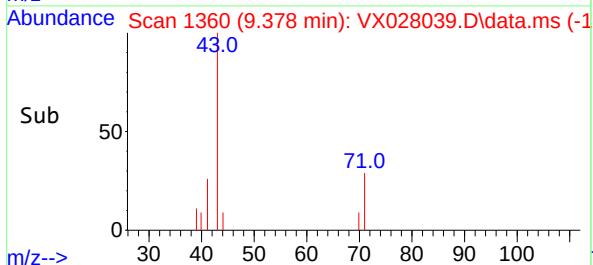
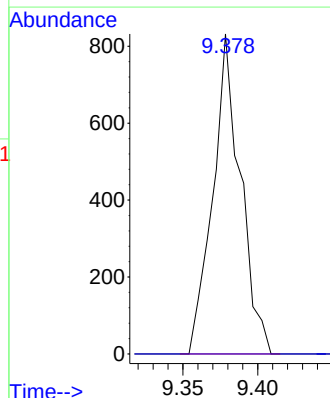
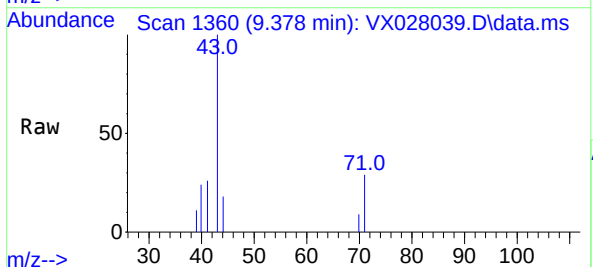
Acq: 08 Apr 2022 19:50

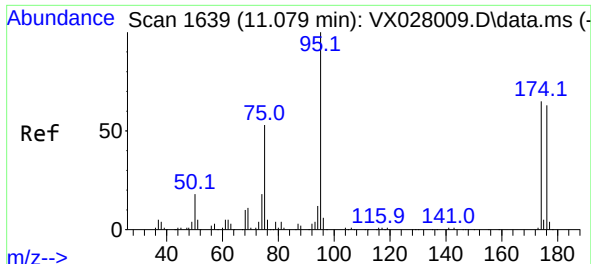
Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

43 100

58 0.0 31.9 95.7#

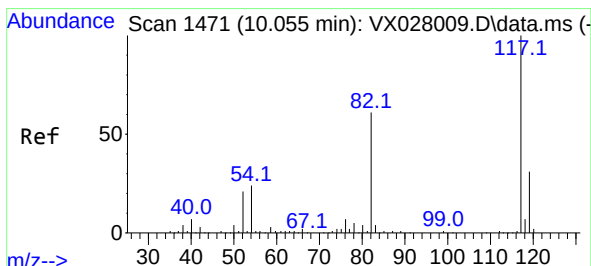
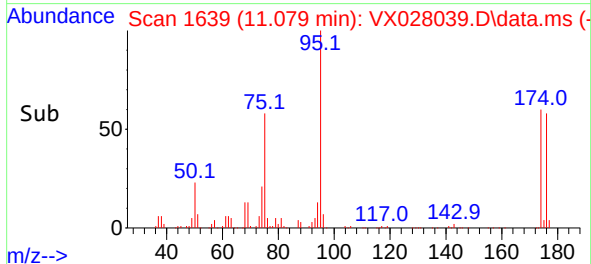
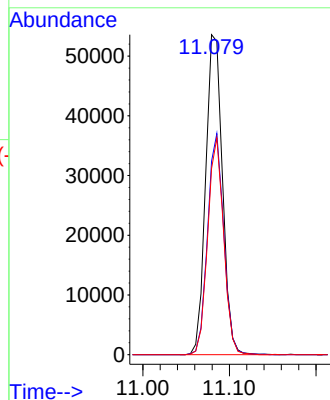
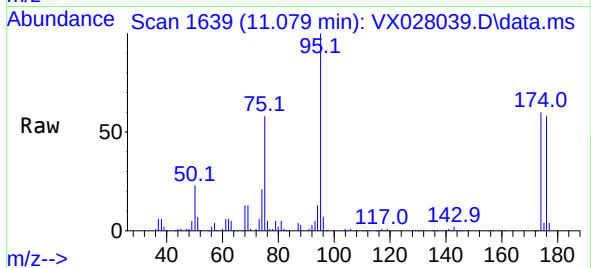




#62
4-Bromofluorobenzene
Concen: 47.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

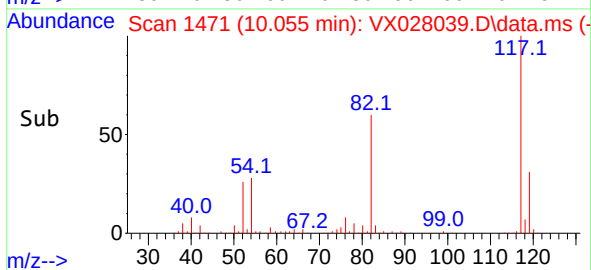
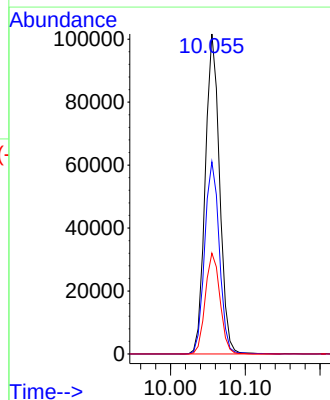
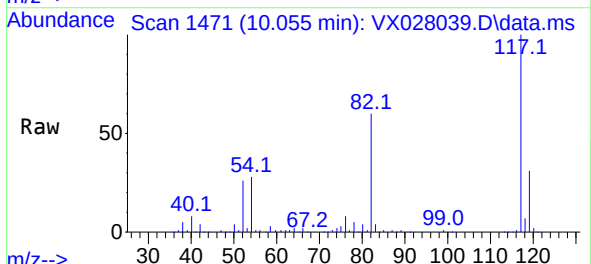
Instrument :
MSVOA_X
ClientSampleId :
MW-25

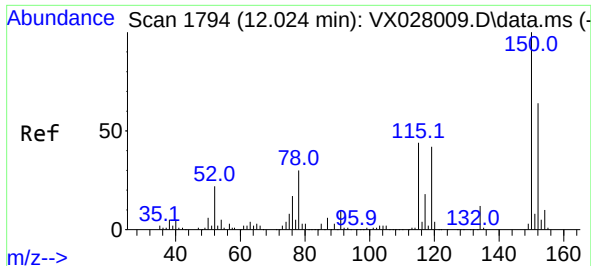
Tgt Ion: 95 Resp: 72071
Ion Ratio Lower Upper
95 100
174 66.6 0.0 163.0
176 64.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Tgt Ion: 117 Resp: 135256
Ion Ratio Lower Upper
117 100
82 60.0 41.8 62.8
119 31.5 24.8 37.2

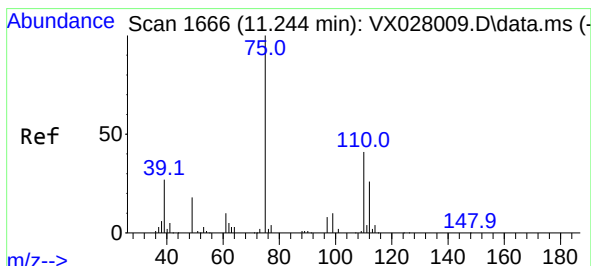
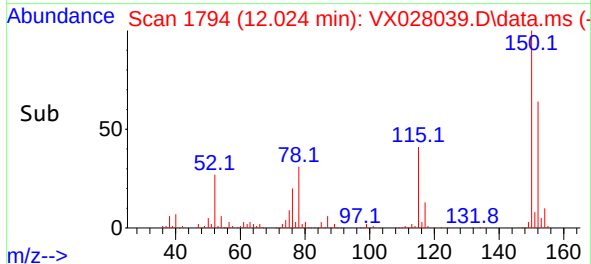
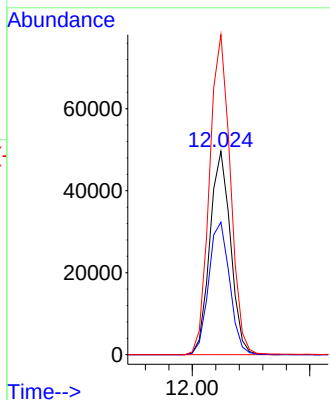
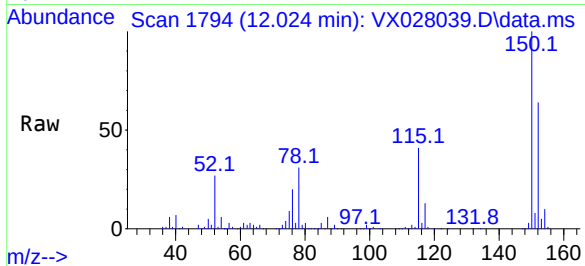




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028039.D
 Acq: 08 Apr 2022 19:50

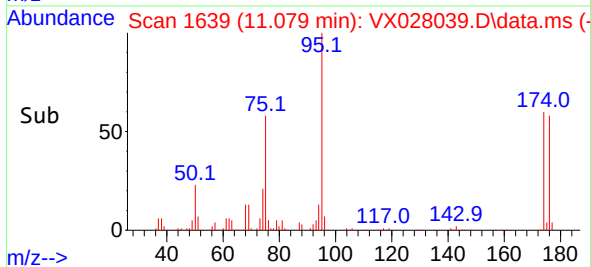
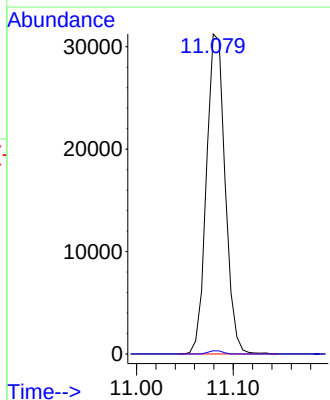
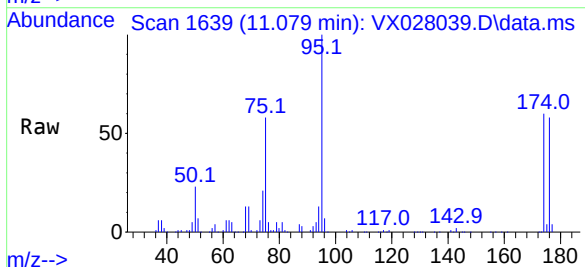
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

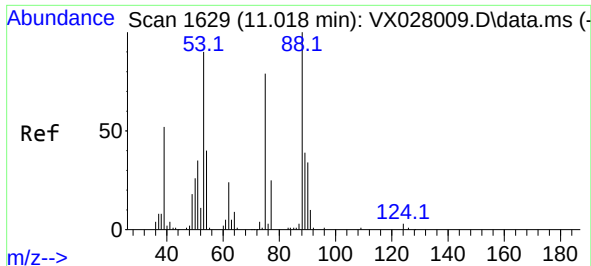
Tgt Ion:152 Resp: 60571
 Ion Ratio Lower Upper
 152 100
 115 66.3 37.5 112.7
 150 158.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.281 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028039.D
 Acq: 08 Apr 2022 19:50

Tgt Ion: 75 Resp: 42019
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.083 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028039.D
Acq: 08 Apr 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Tgt Ion: 75 Resp: 42019
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

