

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027503.D
 Acq On : 17 Mar 2022 21:44
 Operator : JC/MD
 Sample : N1997-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107

Quant Time: Mar 18 02:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

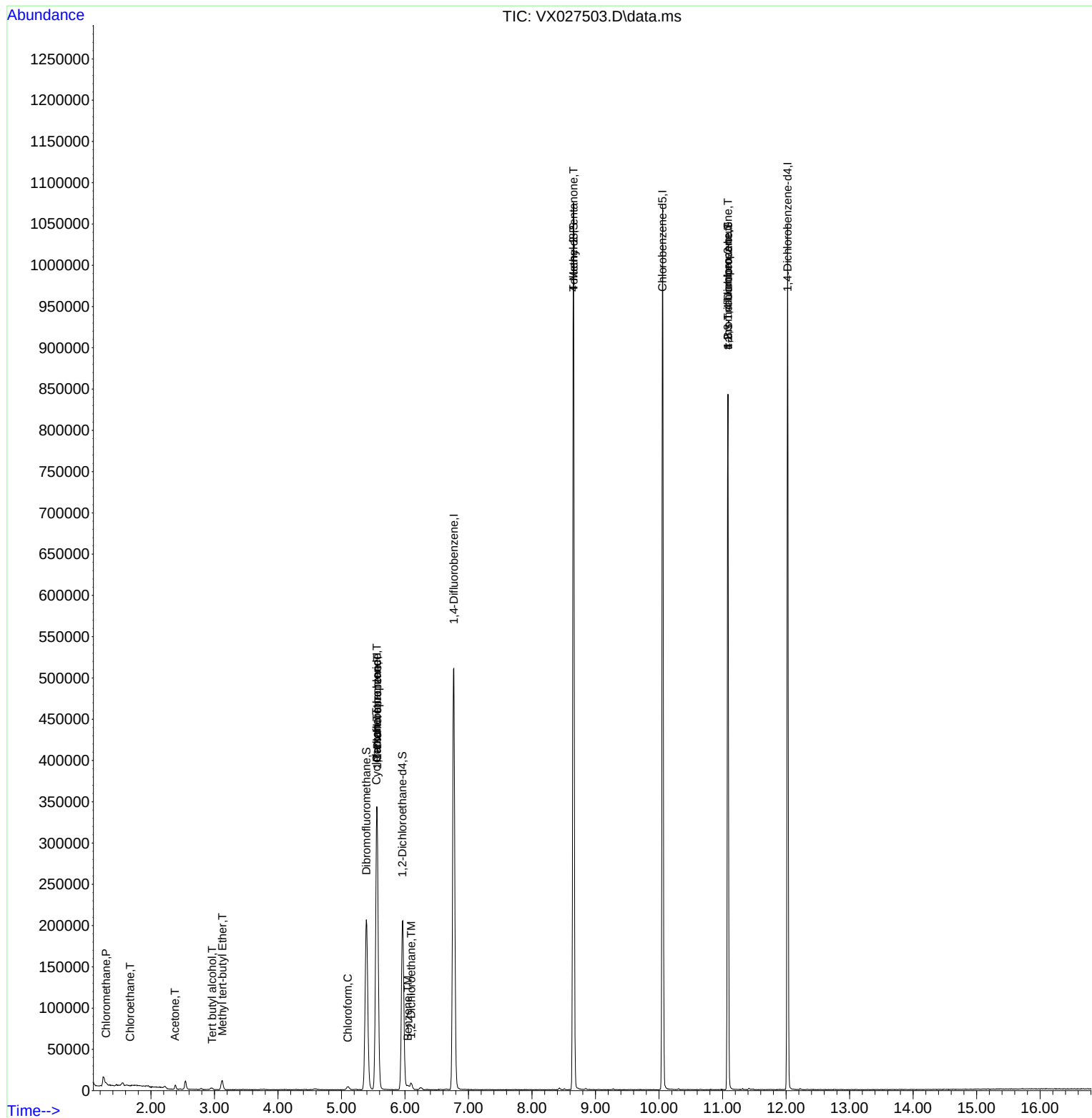
Internal Standards						
1) Pentafluorobenzene	5.556	168	332545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	549330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207503	50.652	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.300%
35) Dibromofluoromethane	5.391	113	181660	51.399	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.800%
50) Toluene-d8	8.653	98	642125	48.012	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.085	95	224514	45.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.340%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	596	0.210	ug/l #	82
5) Bromomethane	1.617	94	574	Below Cal	#	66
6) Chloroethane	1.672	64	957	0.476	ug/l #	43
11) Tert butyl alcohol	2.965	59	1812	2.321	ug/l #	72
16) Acetone	2.379	43	5444	3.260	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	12300	1.181	ug/l	91
30) Chloroform	5.098	83	4948	0.782	ug/l	94
31) Cyclohexane	5.550	56	6245	1.228	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	23826	4.933	ug/l #	51
38) Carbon Tetrachloride	5.556	117	33815	6.120	ug/l #	15
40) Benzene	6.043	78	5112	0.369	ug/l	99
42) 1,2-Dichloroethane	6.098	62	8337	1.605	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	2534	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	111646	24.926	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	111646	75.700	ug/l #	15

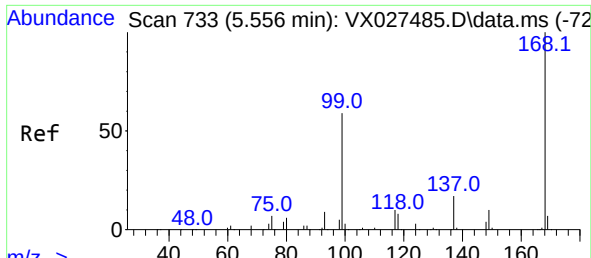
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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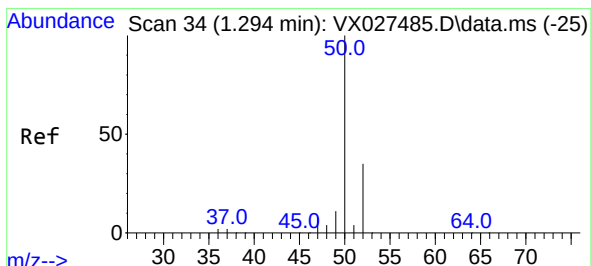
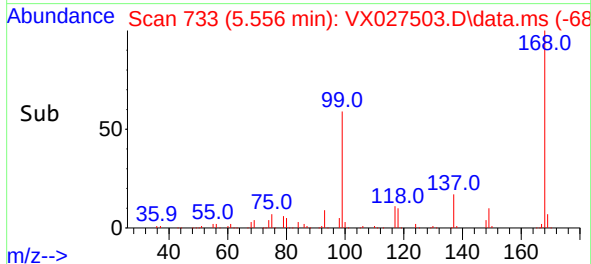
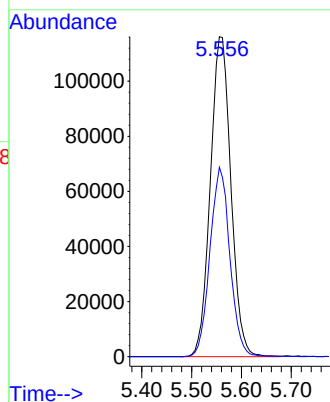
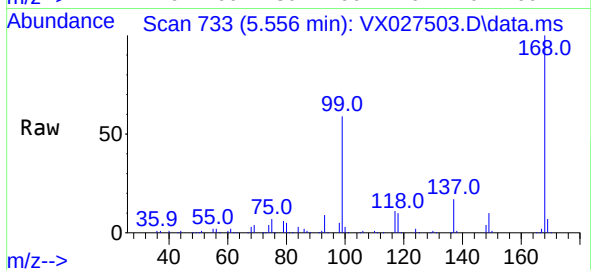




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

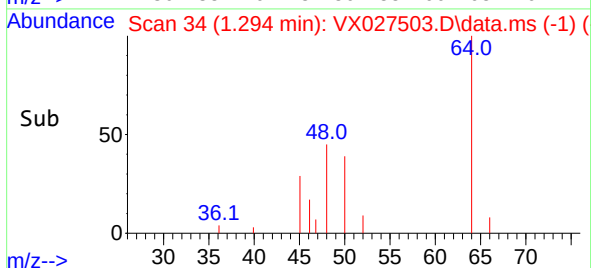
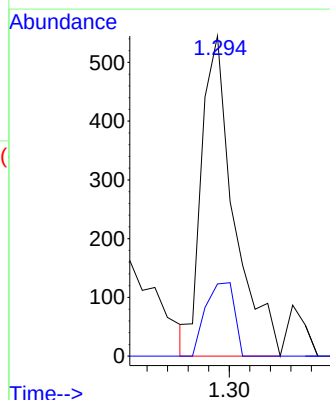
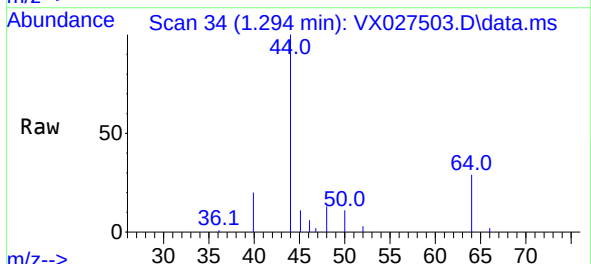
Instrument :
MSVOA_X
ClientSampleId :
MW-107

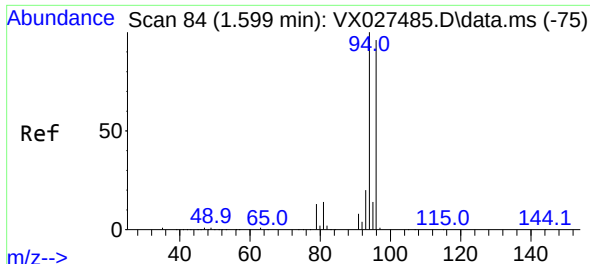
Tgt Ion:168 Resp: 332545
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 22.6 26.4 39.6#

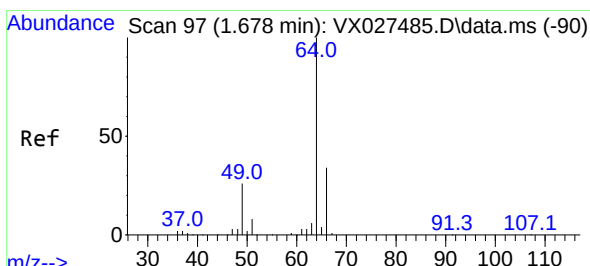
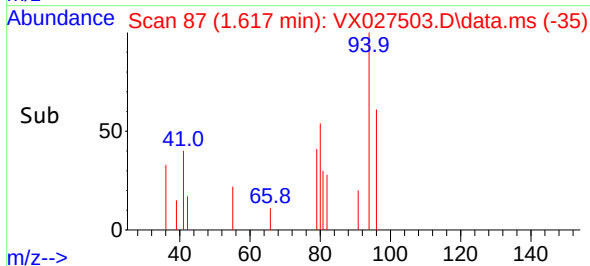
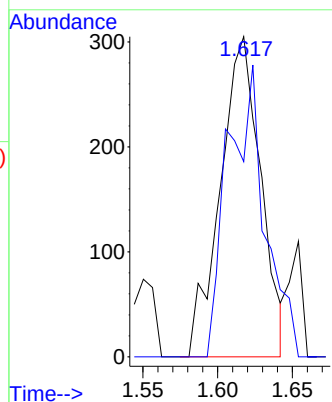
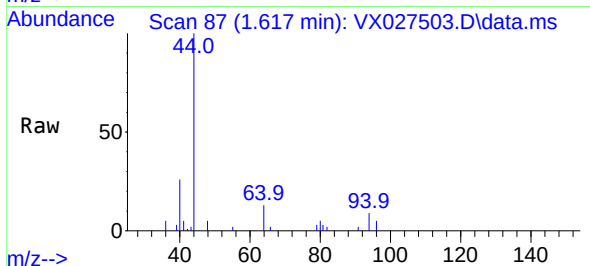




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

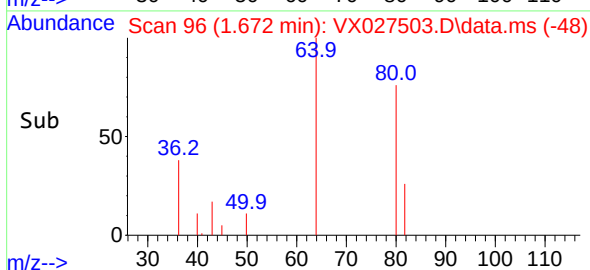
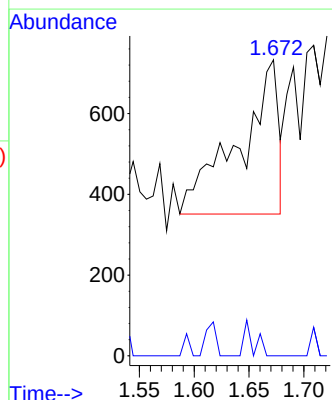
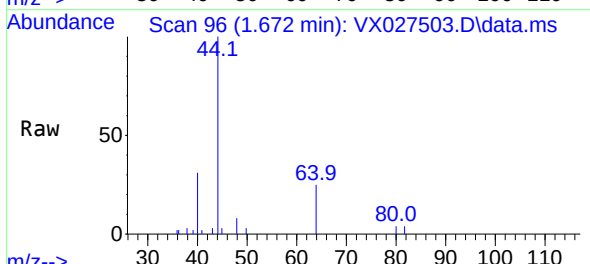
Instrument :
MSVOA_X
ClientSampleId :
MW-107

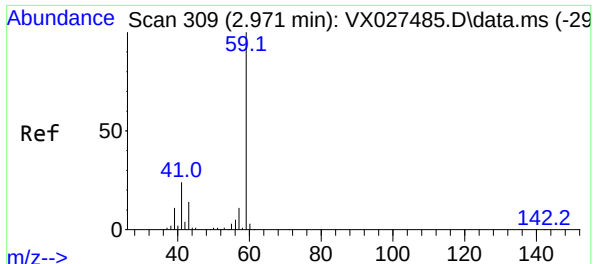
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 61.0 75.3 112.9#



#6
Chloroethane
Concen: 0.476 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 64 Resp: 957
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 2.321 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027503.D

Acq: 17 Mar 2022 21:44

Instrument :

MSVOA_X

ClientSampleId :

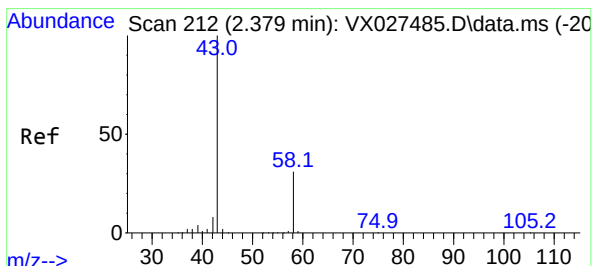
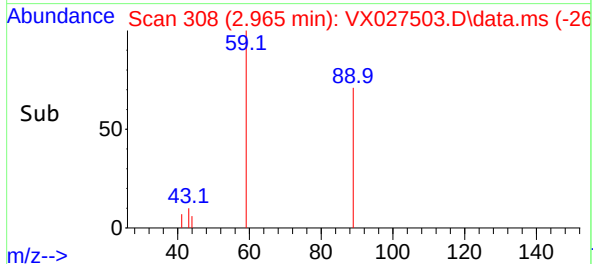
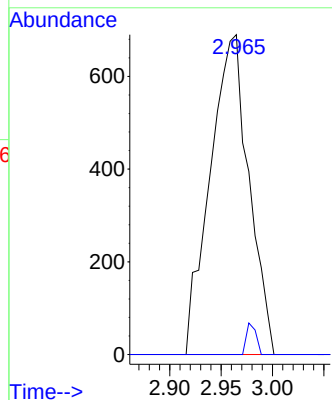
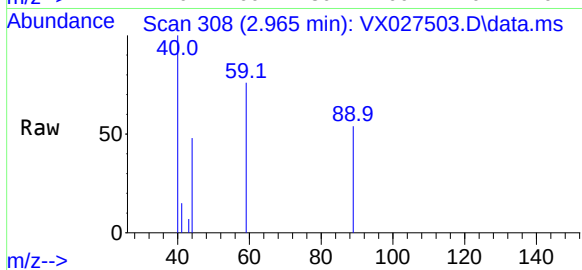
MW-107

Tgt Ion: 59 Resp: 1812

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.260 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027503.D

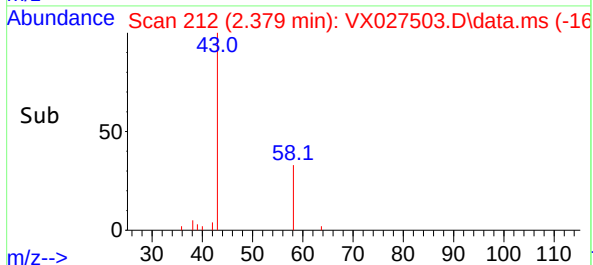
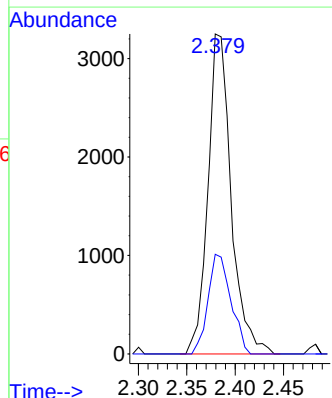
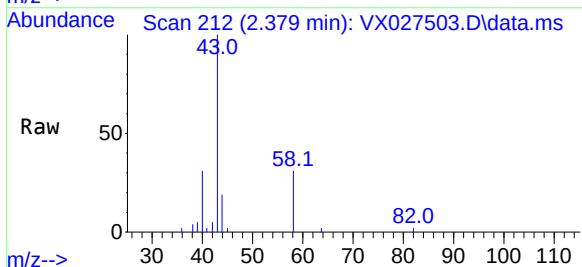
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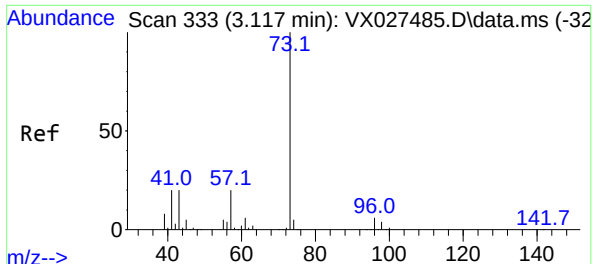
Tgt Ion: 43 Resp: 5444

Ion Ratio Lower Upper

43 100

58 31.1 28.8 43.2

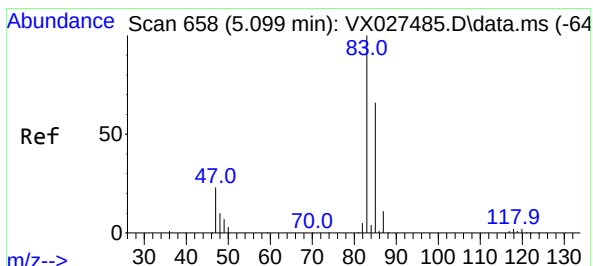
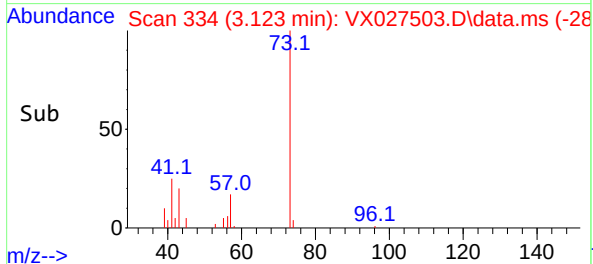
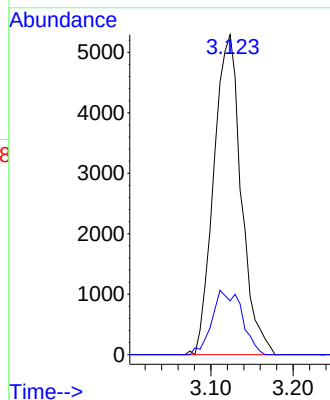
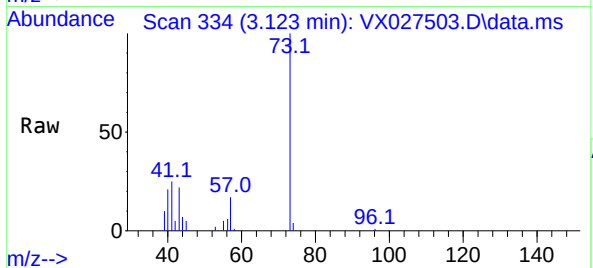




#19
Methyl tert-butyl Ether
Concen: 1.181 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

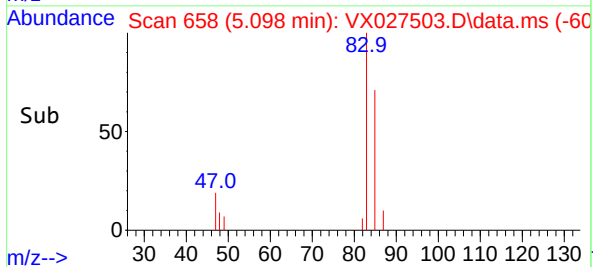
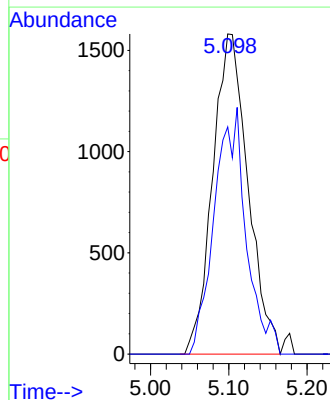
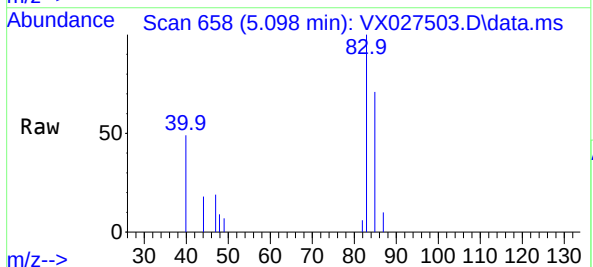
Instrument :
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MW-107

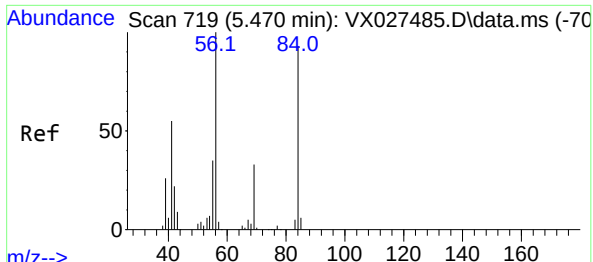
Tgt Ion: 73 Resp: 12300
Ion Ratio Lower Upper
73 100
57 16.8 16.8 25.2



#30
Chloroform
Concen: 0.782 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 83 Resp: 4948
Ion Ratio Lower Upper
83 100
85 71.0 52.7 79.1

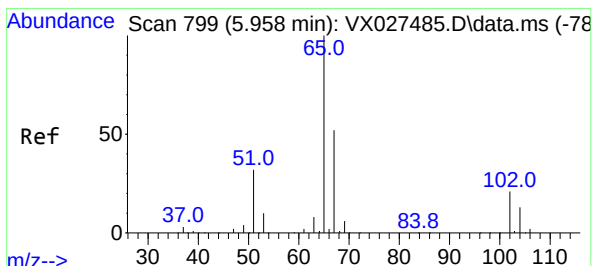
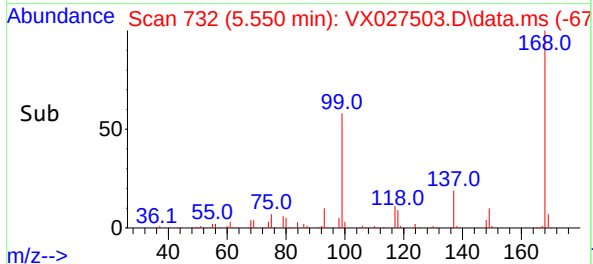
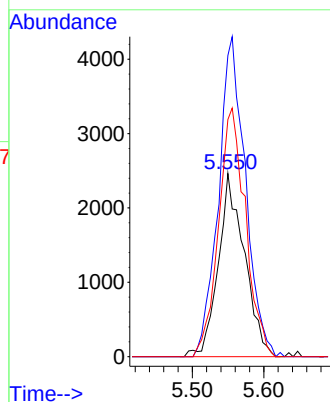
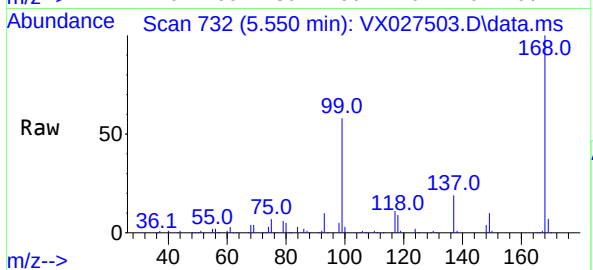




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

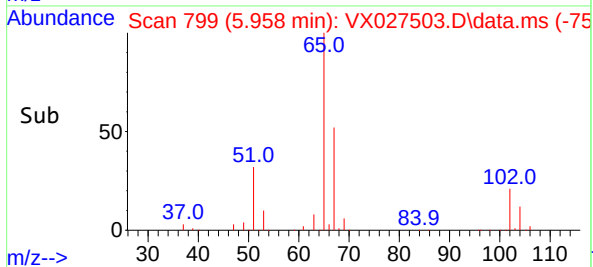
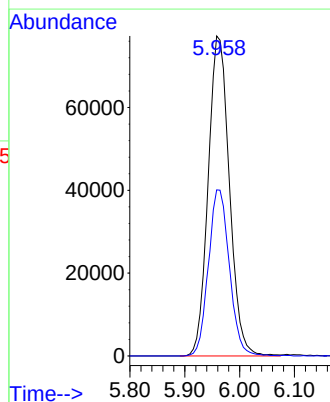
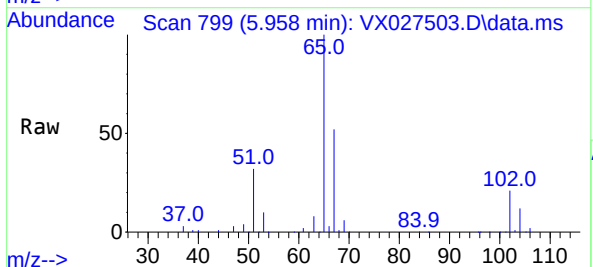
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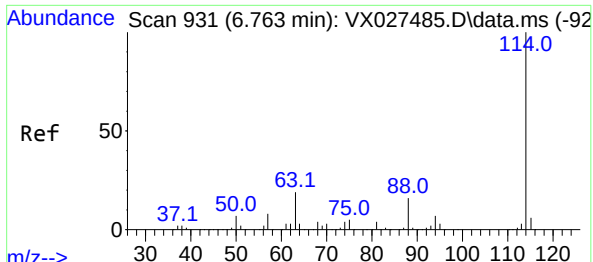
Tgt Ion: 56 Resp: 6245
Ion Ratio Lower Upper
56 100
69 164.4 26.7 40.1#
84 129.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.652 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 65 Resp: 207503
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

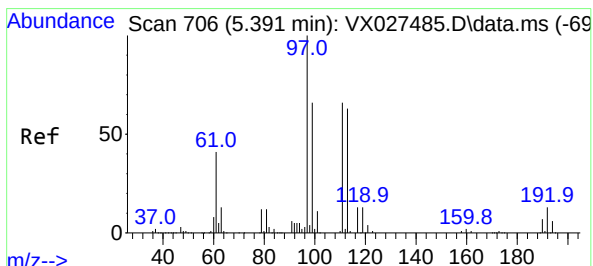
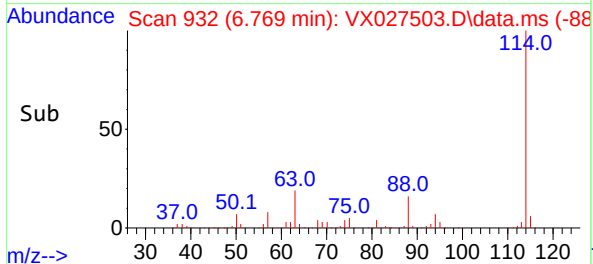
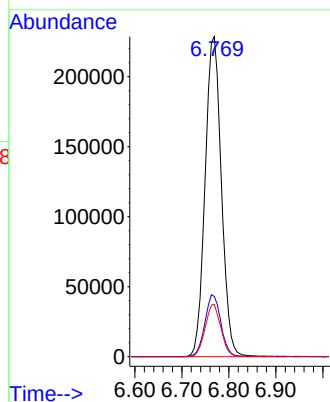
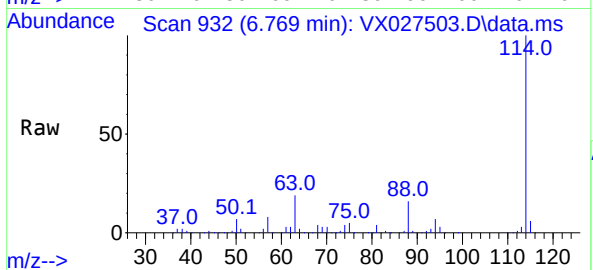




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

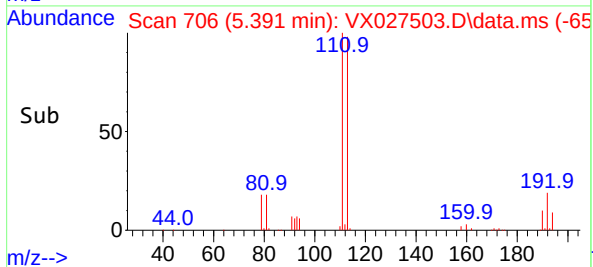
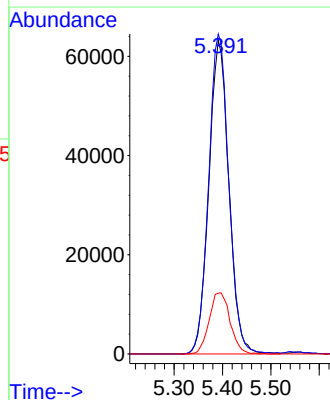
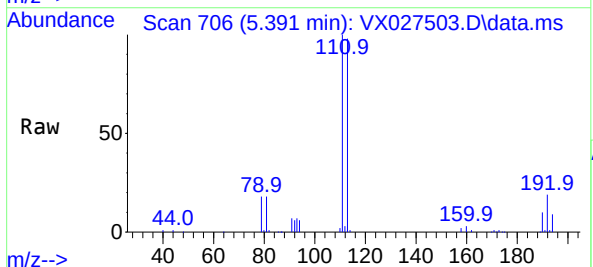
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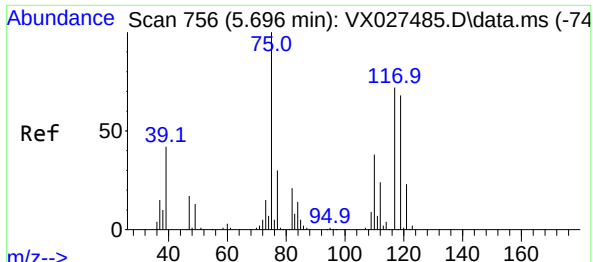
Tgt Ion:114 Resp: 549330
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.399 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion:113 Resp: 181660
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 20.4 16.9 25.3

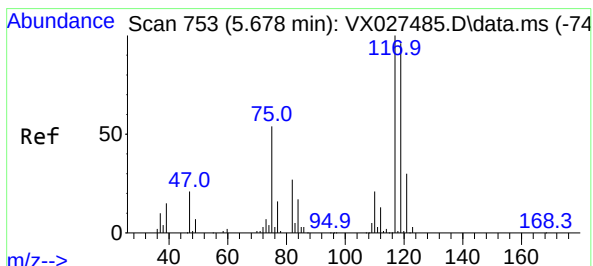
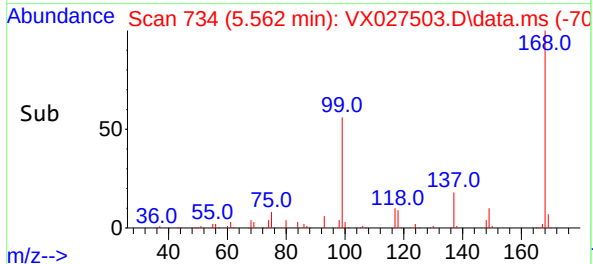
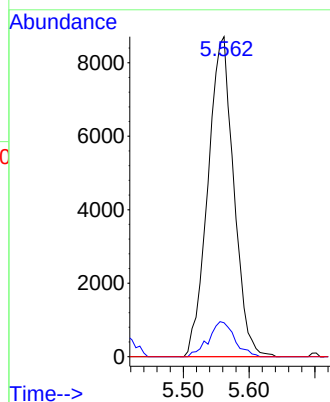
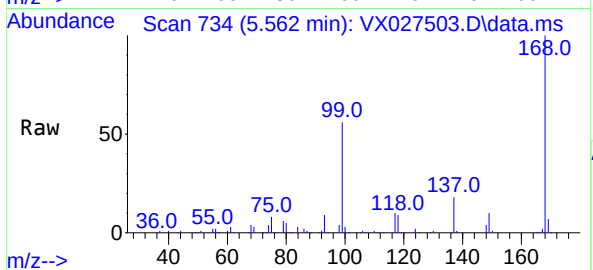




#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

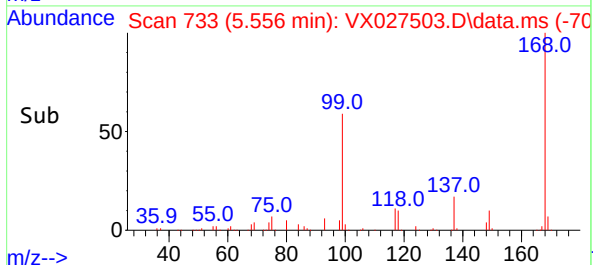
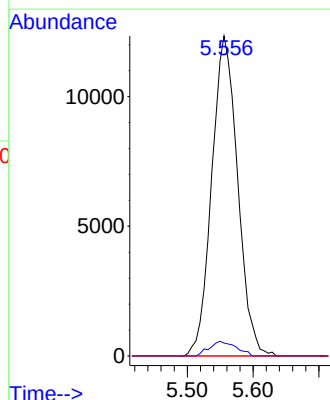
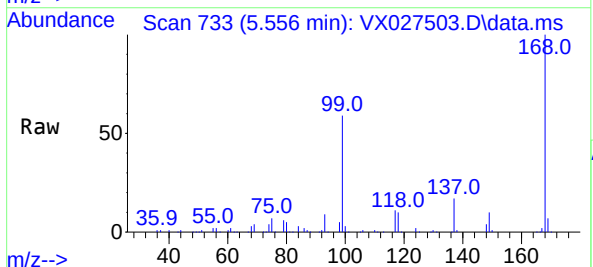
Instrument :
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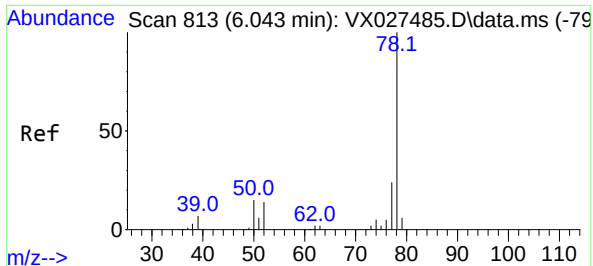
Tgt Ion: 75 Resp: 23826
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 117 Resp: 33815
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

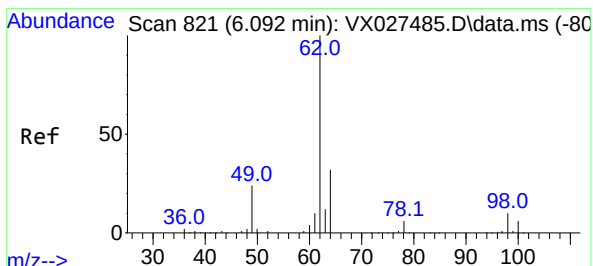
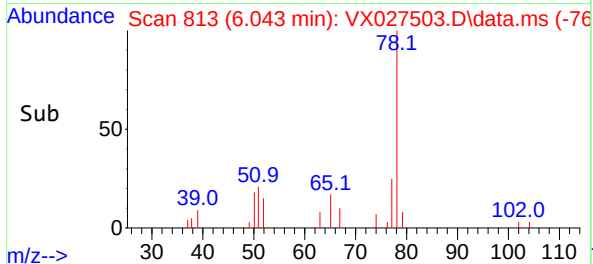
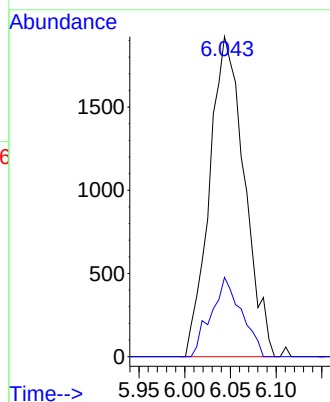
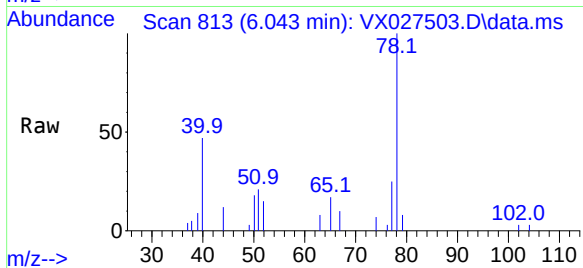




#40
Benzene
Concen: 0.369 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

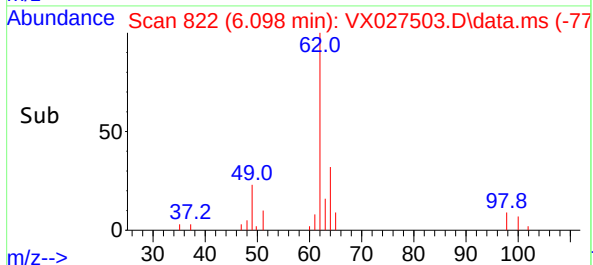
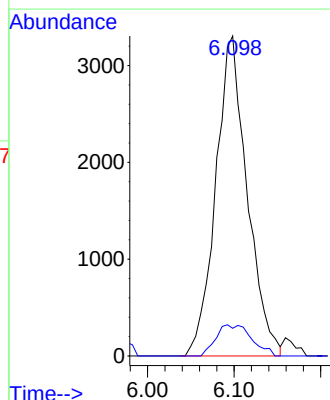
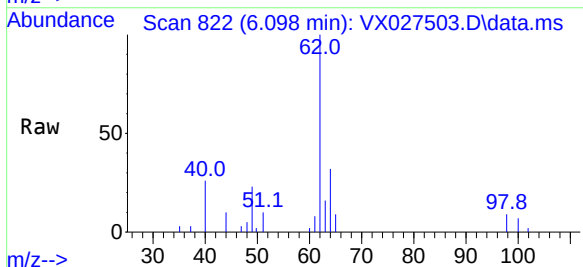
Instrument :
MSVOA_X
ClientSampleId :
MW-107

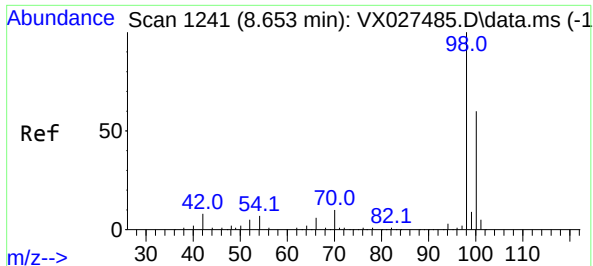
Tgt Ion: 78 Resp: 5112
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9



#42
1,2-Dichloroethane
Concen: 1.605 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 62 Resp: 8337
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.4

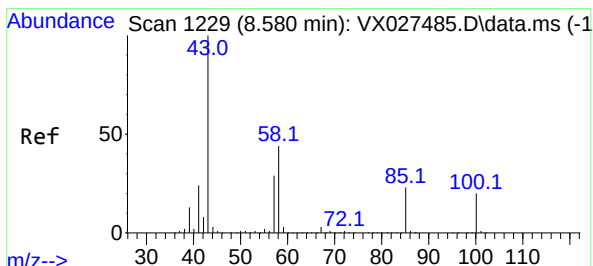
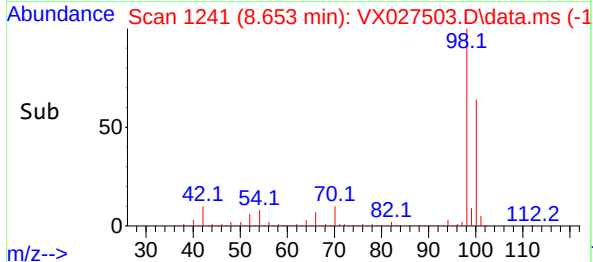
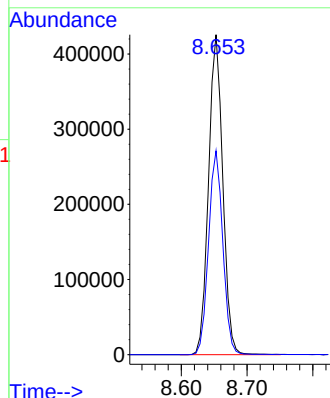
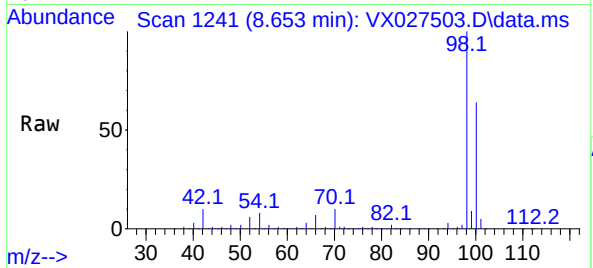




#50
Toluene-d8
Concen: 48.012 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

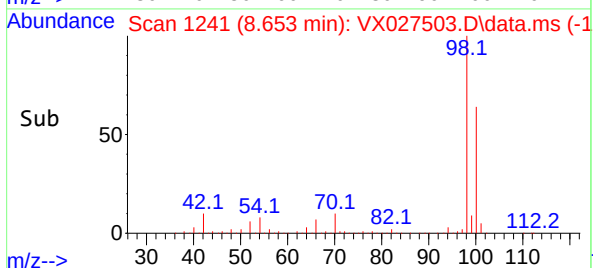
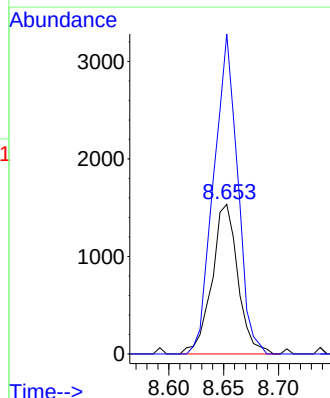
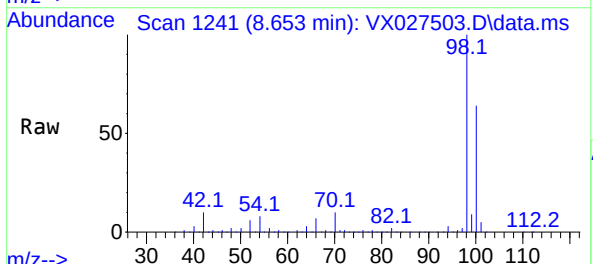
Instrument :
MSVOA_X
ClientSampleId :
MW-107

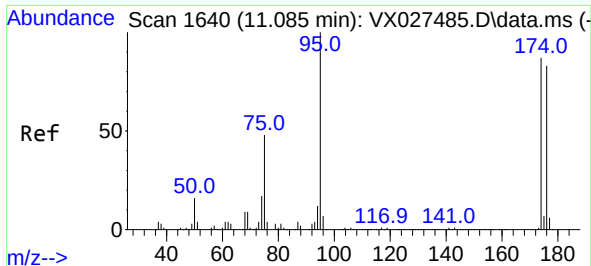
Tgt Ion: 98 Resp: 642125
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 196.6 36.1 54.1#

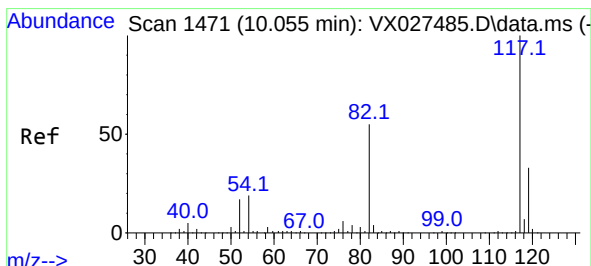
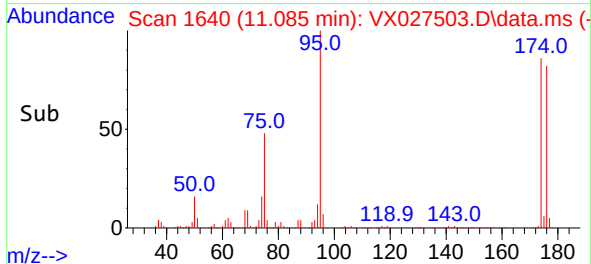
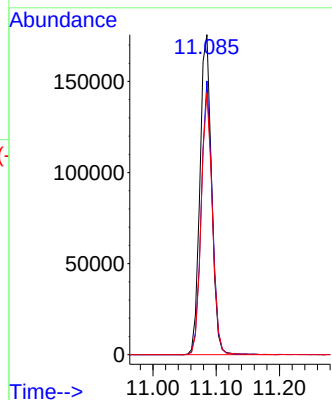
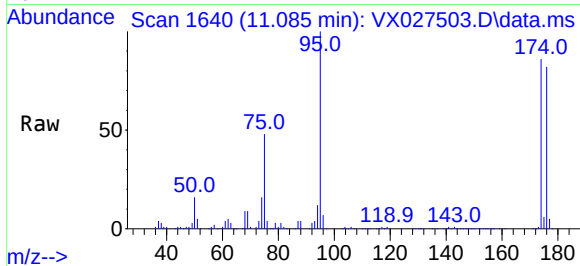




#62
4-Bromofluorobenzene
Concen: 45.672 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

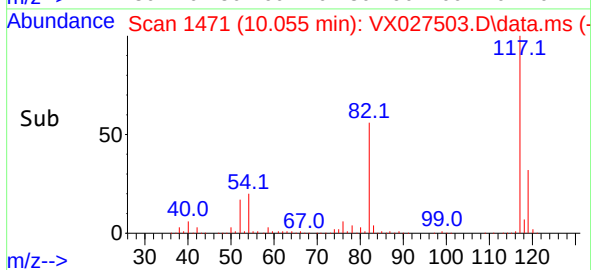
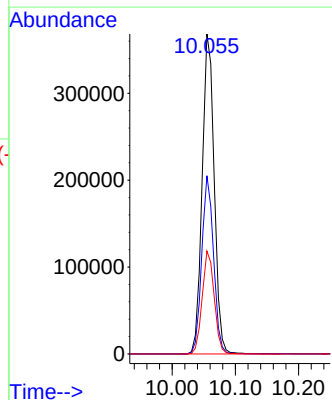
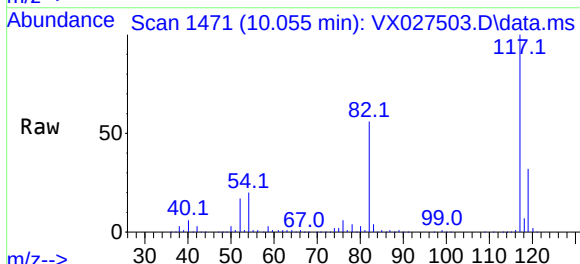
Instrument :
MSVOA_X
ClientSampleId :
MW-107

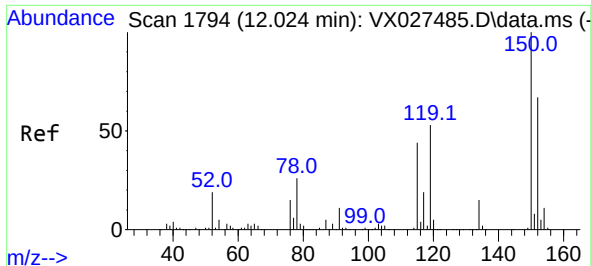
Tgt Ion: 95 Resp: 224514
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 78.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 117 Resp: 489591
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.2 24.8 37.2

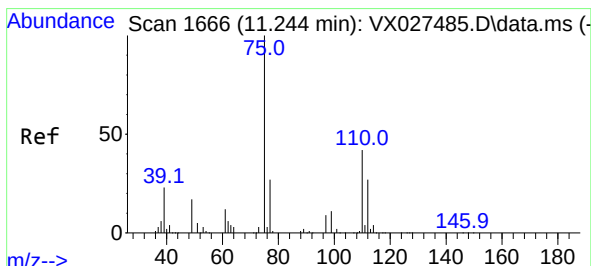
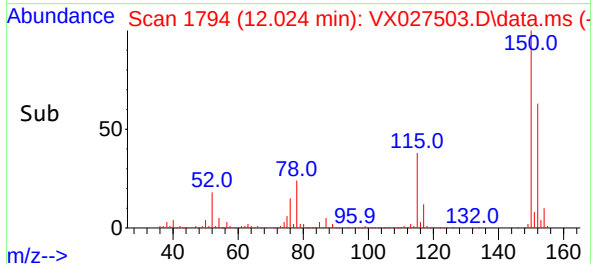
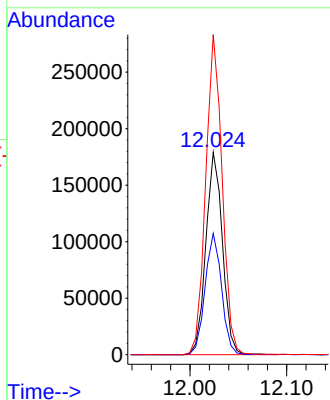
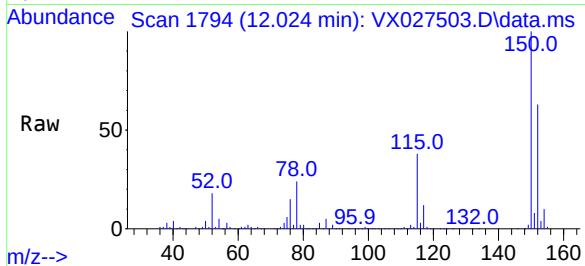




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027503.D
 Acq: 17 Mar 2022 21:44

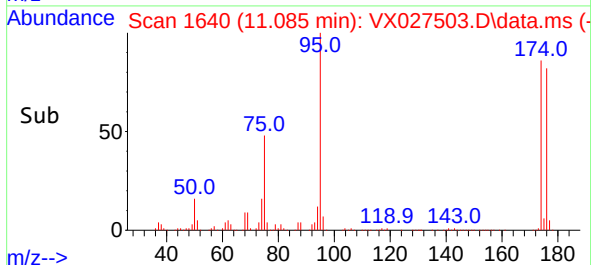
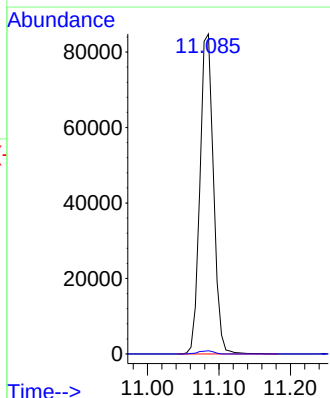
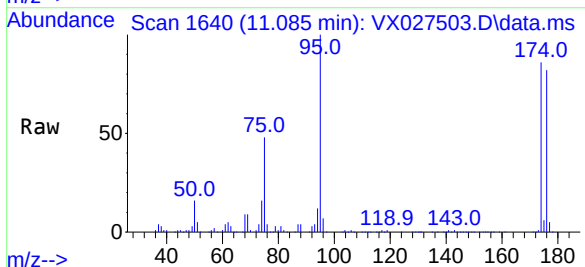
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107

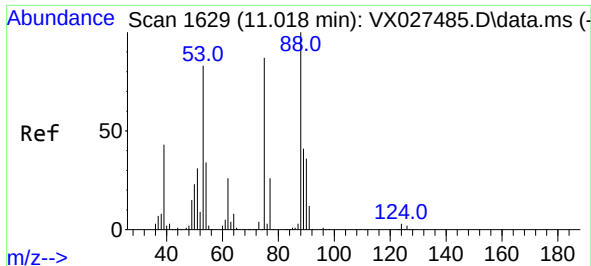
Tgt Ion:152 Resp: 214143
 Ion Ratio Lower Upper
 152 100
 115 59.7 37.5 112.7
 150 156.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.926 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027503.D
 Acq: 17 Mar 2022 21:44

Tgt Ion: 75 Resp: 111646
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.700 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027503.D
 Acq: 17 Mar 2022 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107

Tgt Ion: 75 Resp: 111646
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

