

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042993.D
 Acq On : 09 Aug 2024 13:53
 Operator : JC/MD
 Sample : P3514-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-05-459-475-080724

Quant Time: Aug 09 16:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

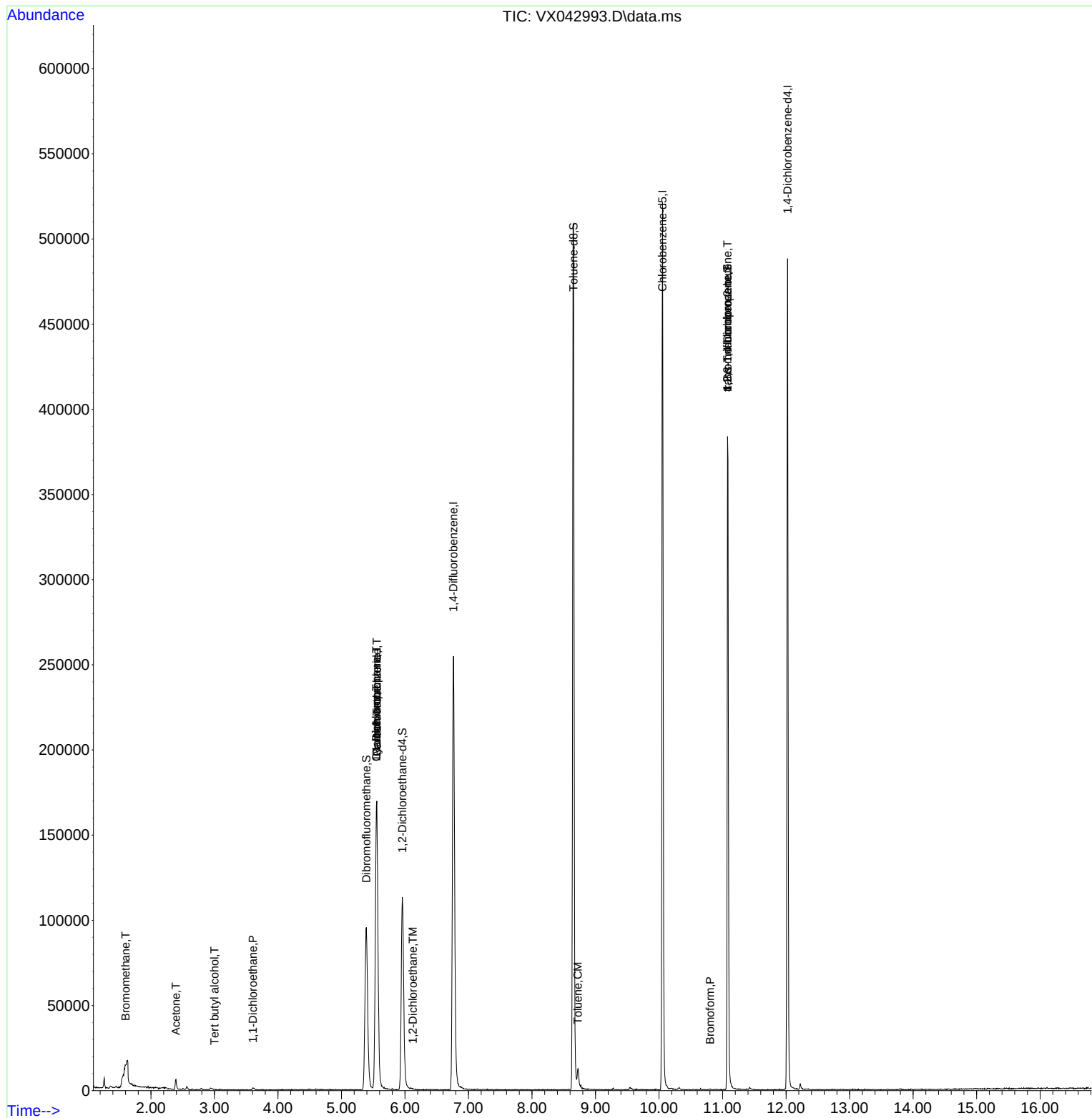
Internal Standards						
1) Pentafluorobenzene	5.555	168	158818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115073	52.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.560%	
35) Dibromofluoromethane	5.391	113	85051	49.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	8.652	98	320609	53.059	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	11.079	95	106036	48.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	710	0.663	ug/l #	67
11) Tert butyl alcohol	3.001	59	367	0.846	ug/l #	78
16) Acetone	2.391	43	6287	6.648	ug/l	94
20) Methylene Chloride	2.794	84	430	Below Cal	#	60
24) 1,1-Dichloroethane	3.605	63	1838	0.550	ug/l #	83
31) Cyclohexane	5.549	56	3733	1.368	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	13148	5.697	ug/l #	51
38) Carbon Tetrachloride	5.555	117	17520	6.725	ug/l #	16
42) 1,2-Dichloroethane	6.122	62	695	0.267	ug/l #	77
52) Toluene	8.720	92	4516	1.039	ug/l	98
71) Bromoform	10.805	173	41	0.839	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	54306	23.555	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54306	76.590	ug/l #	5

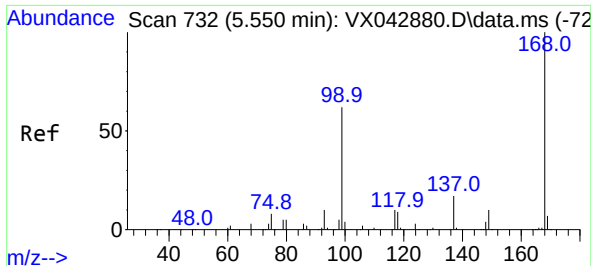
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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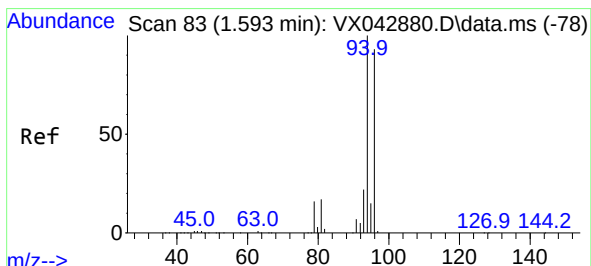
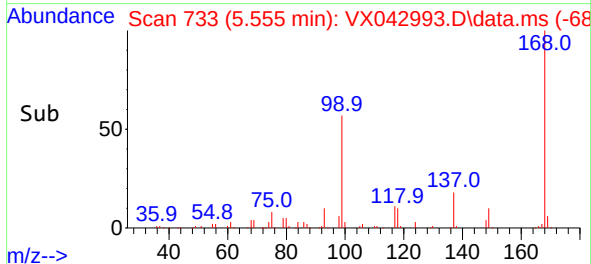
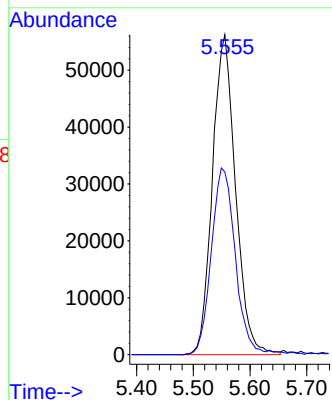
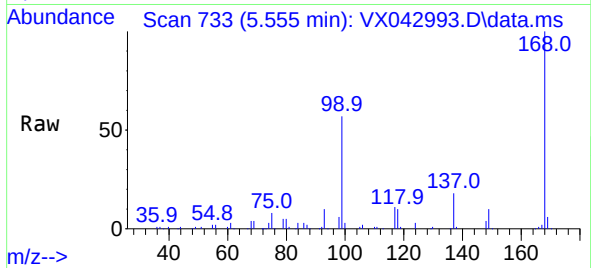




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

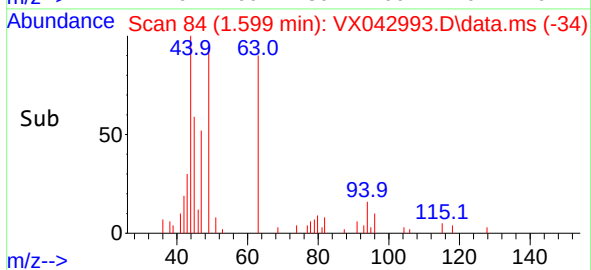
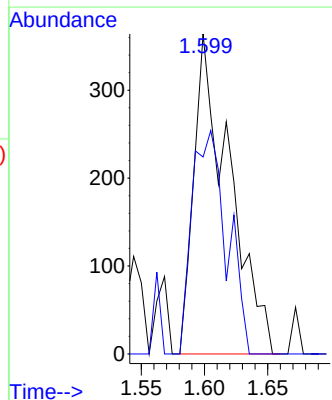
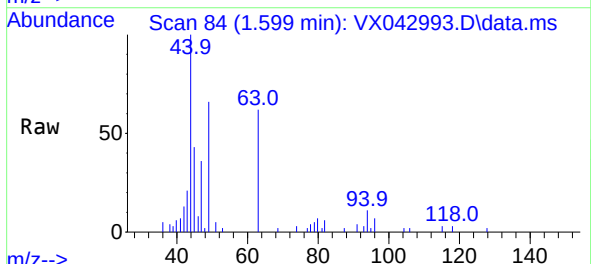
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

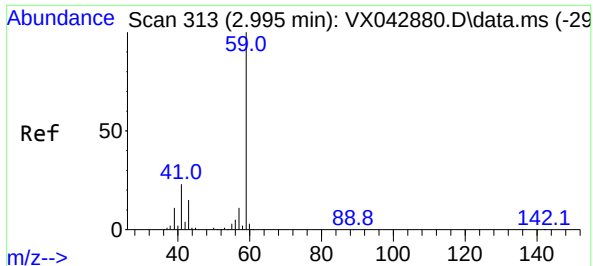
Tgt Ion:168 Resp: 158818
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#5
Bromomethane
Concen: 0.663 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion: 94 Resp: 710
Ion Ratio Lower Upper
94 100
96 61.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.846 ug/l

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX042993.D

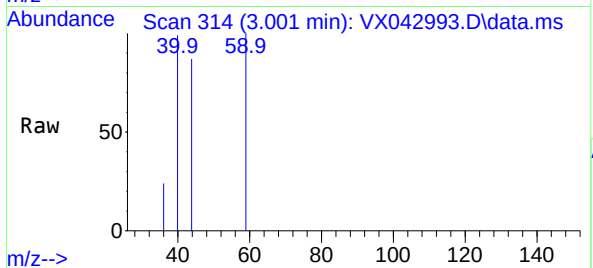
Acq: 09 Aug 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

GWBR-05-459-475-080724

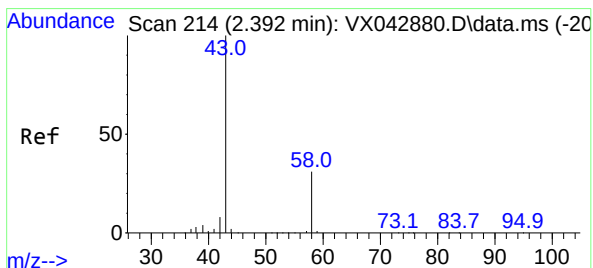
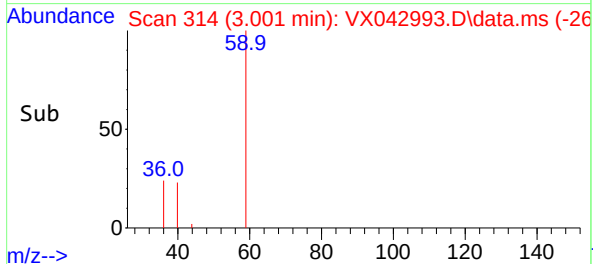
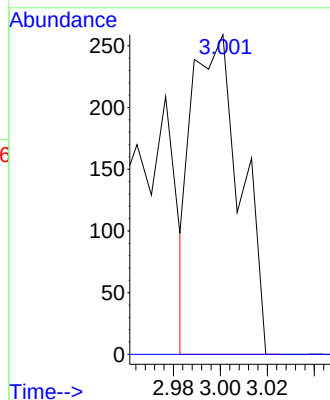


Tgt Ion: 59 Resp: 367

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 6.648 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042993.D

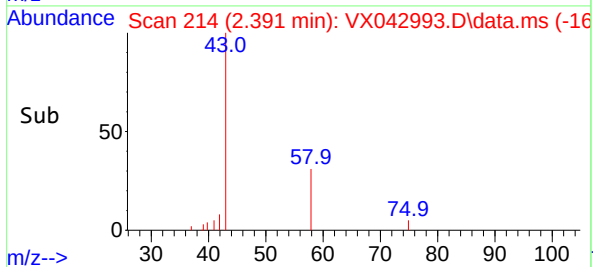
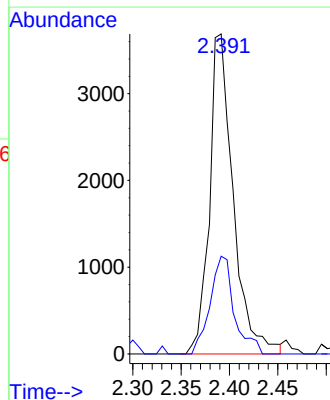
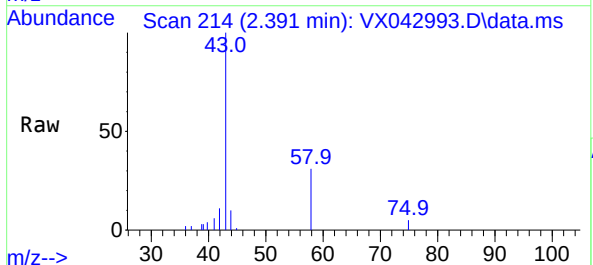
Acq: 09 Aug 2024 13:53

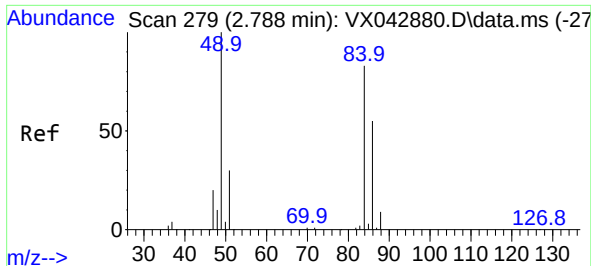
Tgt Ion: 43 Resp: 6287

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9

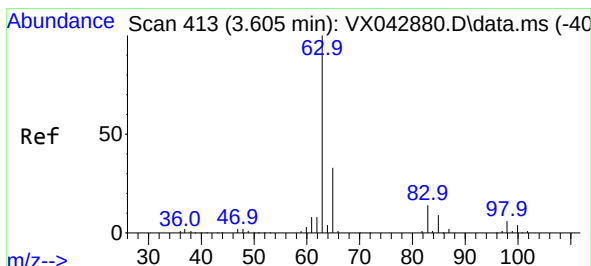
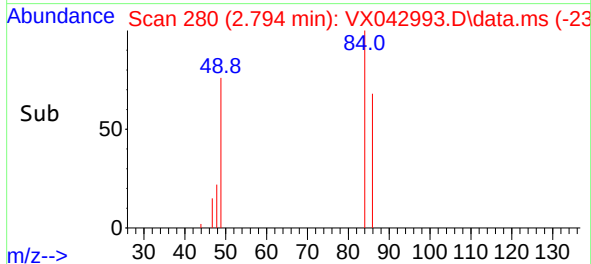
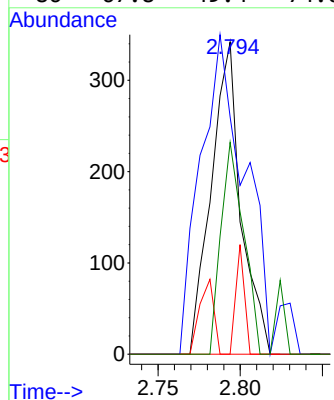
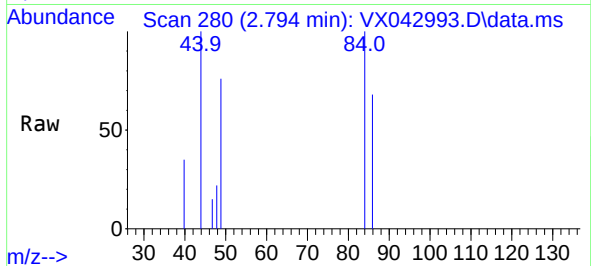




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

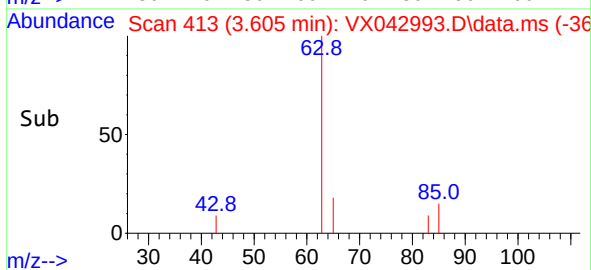
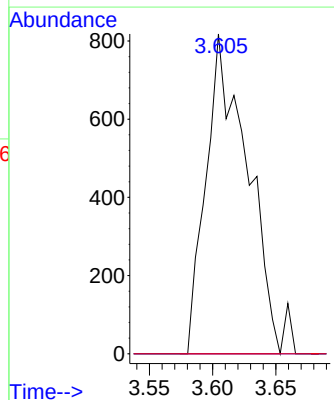
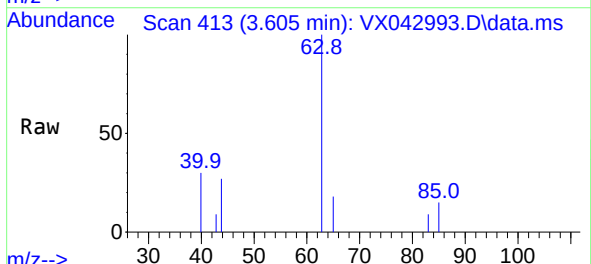
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

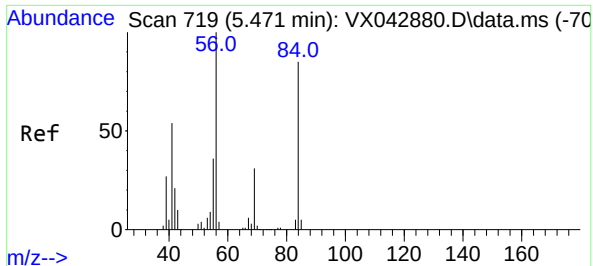
Tgt Ion: 84 Resp: 430
Ion Ratio Lower Upper
84 100
49 76.0 103.6 155.4#
51 0.0 33.8 50.6#
86 67.8 49.4 74.0



#24
1,1-Dichloroethane
Concen: 0.550 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

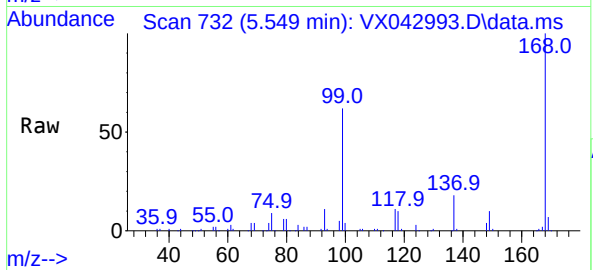
Tgt Ion: 63 Resp: 1838
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



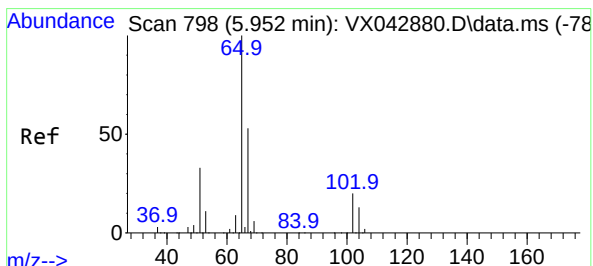
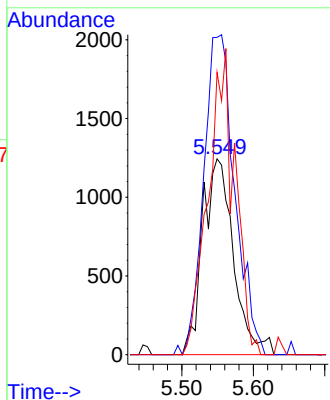
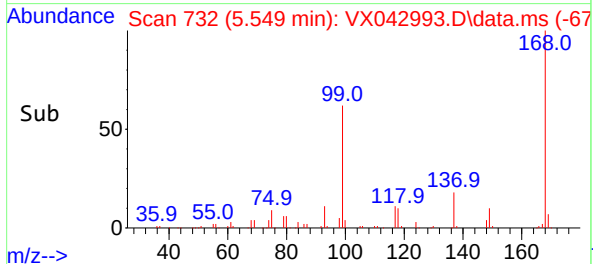


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

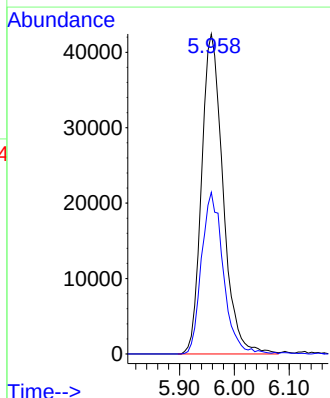
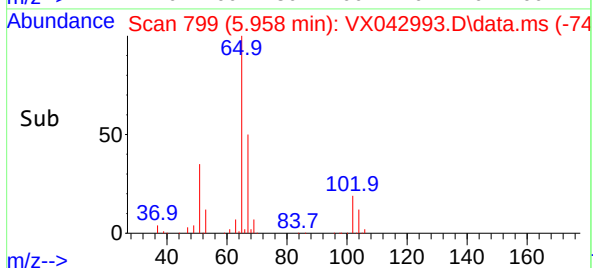
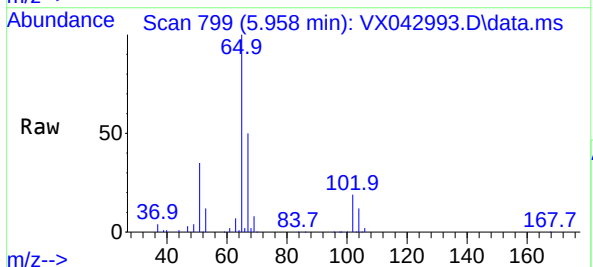


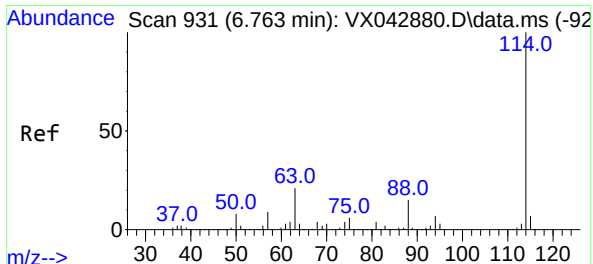
Tgt Ion: 56 Resp: 3733
Ion Ratio Lower Upper
56 100
69 162.1 23.4 35.2#
84 144.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion: 65 Resp: 115073
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

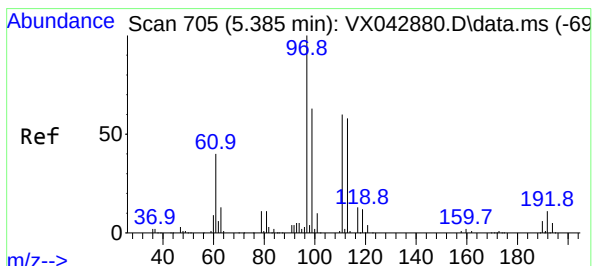
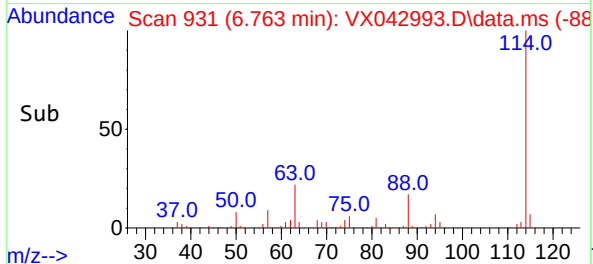
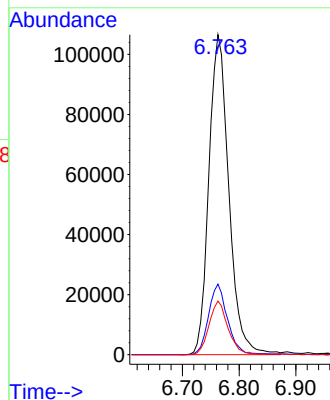
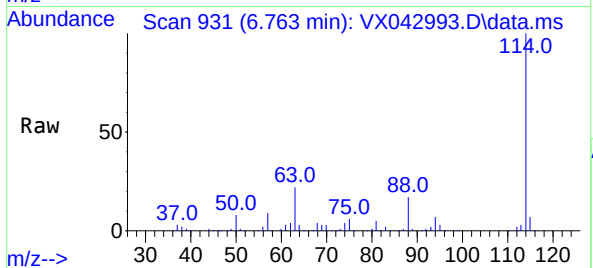




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

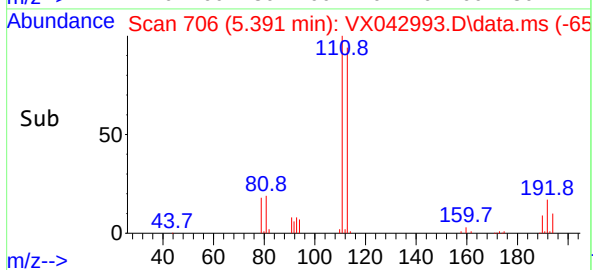
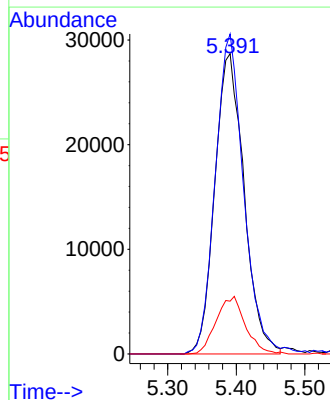
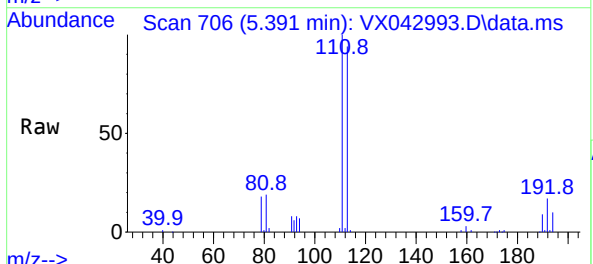
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GWBR-05-459-475-080724

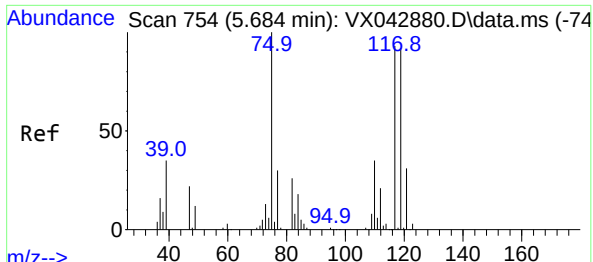
Tgt Ion:114 Resp: 260320
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.968 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion:113 Resp: 85051
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.2 13.3 19.9

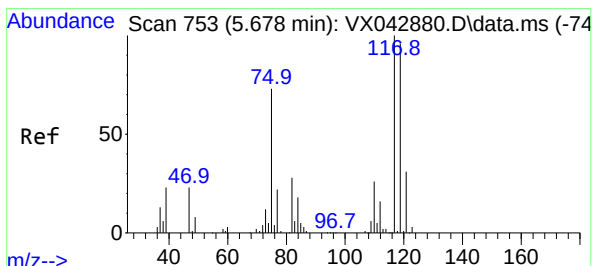
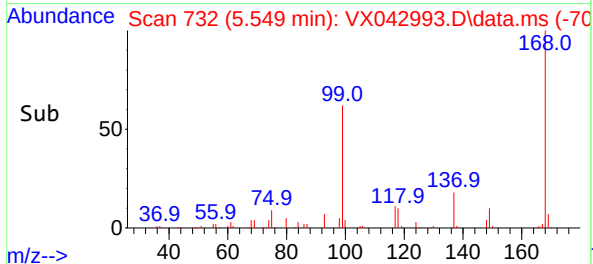
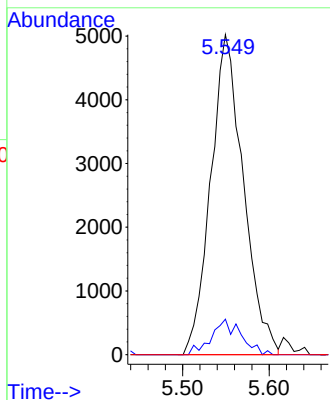
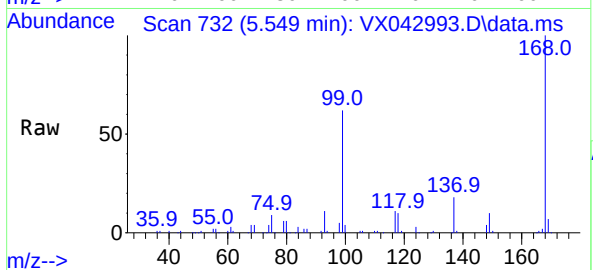




#36
1,1-Dichloropropene
Concen: 5.697 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

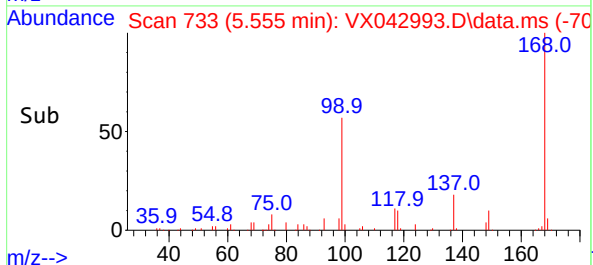
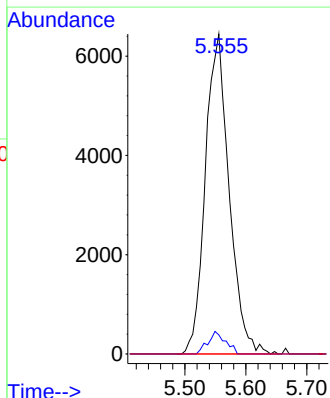
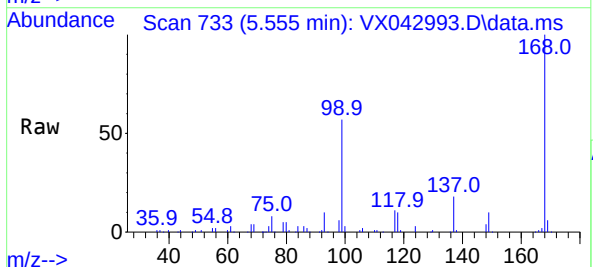
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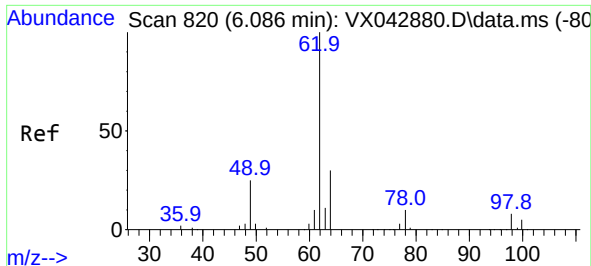
Tgt Ion: 75 Resp: 13148
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.725 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion: 117 Resp: 17520
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.267 ug/l

RT: 6.122 min Scan# 81

Delta R.T. 0.036 min

Lab File: VX042993.D

Acq: 09 Aug 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

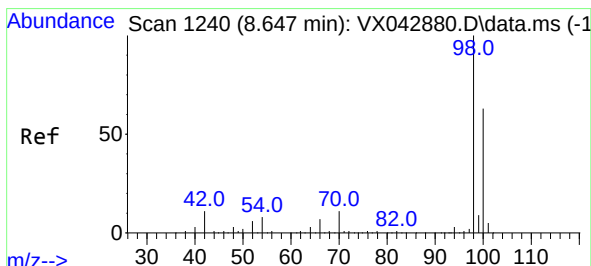
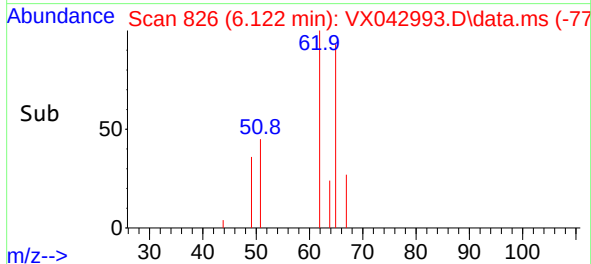
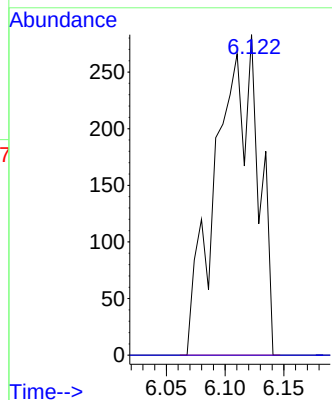
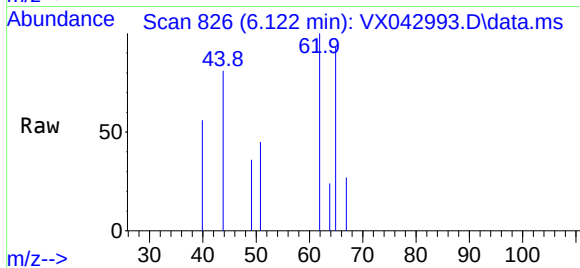
GWBR-05-459-475-080724

Tgt Ion: 62 Resp: 695

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#50

Toluene-d8

Concen: 53.059 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX042993.D

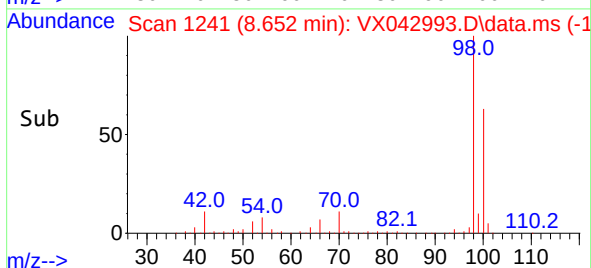
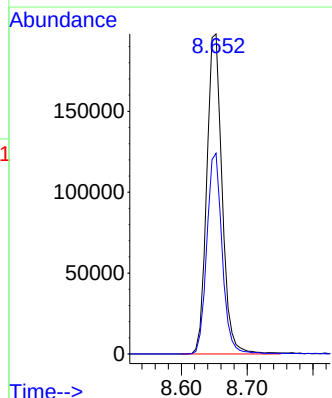
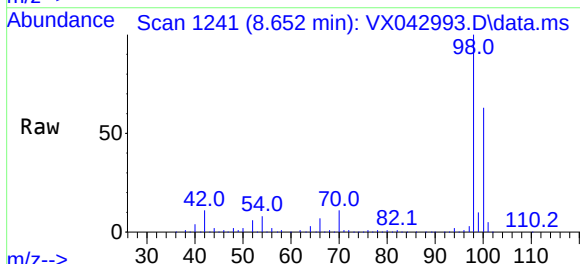
Acq: 09 Aug 2024 13:53

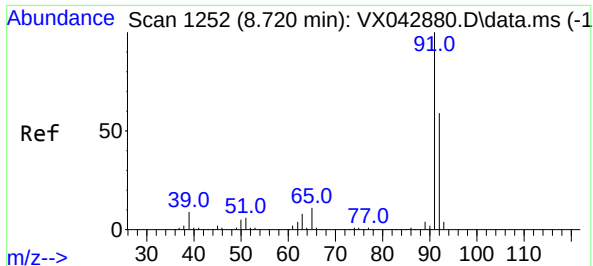
Tgt Ion: 98 Resp: 320609

Ion Ratio Lower Upper

98 100

100 62.7 53.1 79.7

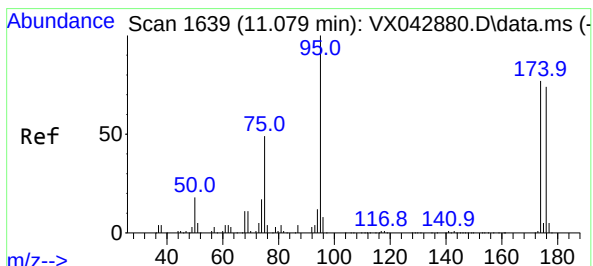
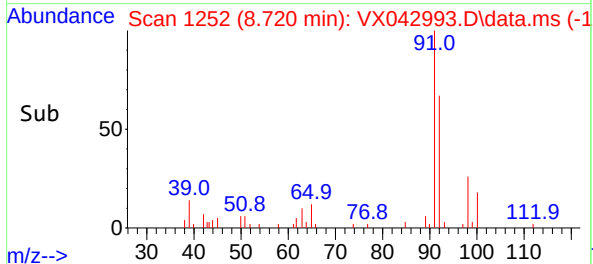
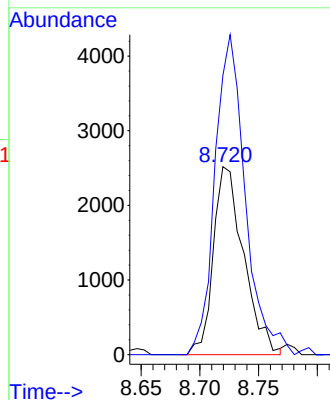
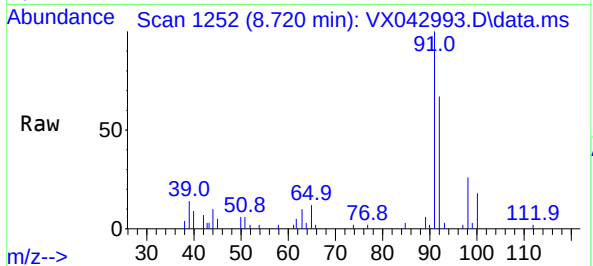




#52
Toluene
Concen: 1.039 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

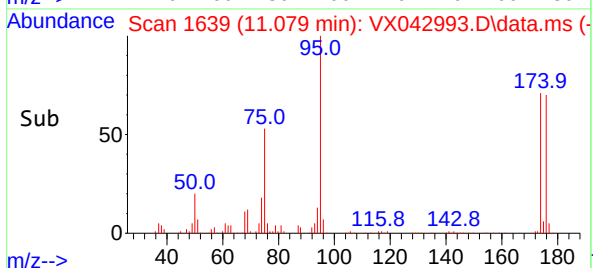
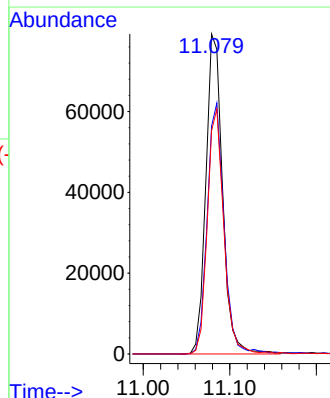
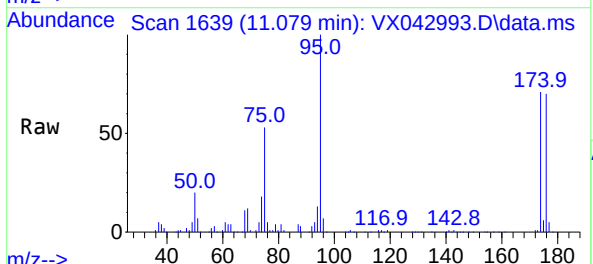
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

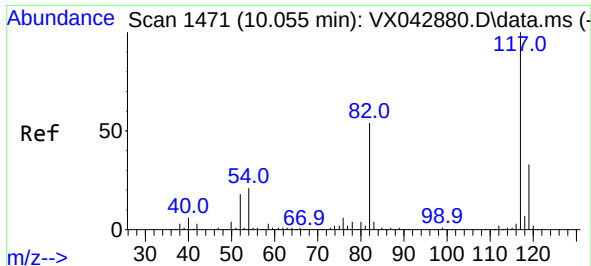
Tgt Ion: 92 Resp: 4516
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion: 95 Resp: 106036
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 75.6 0.0 131.0

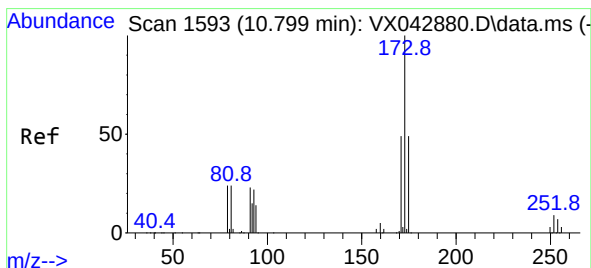
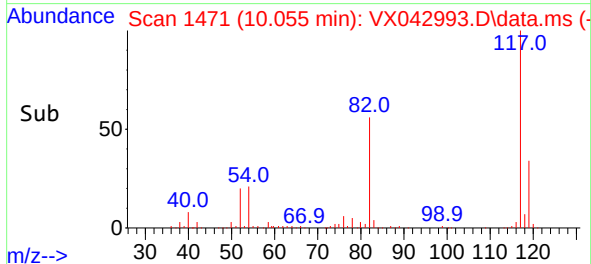
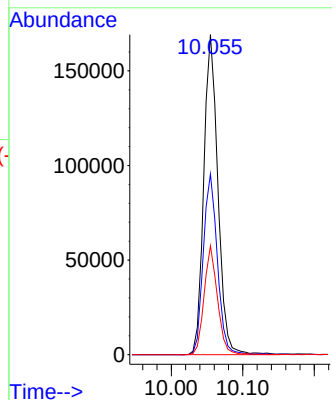
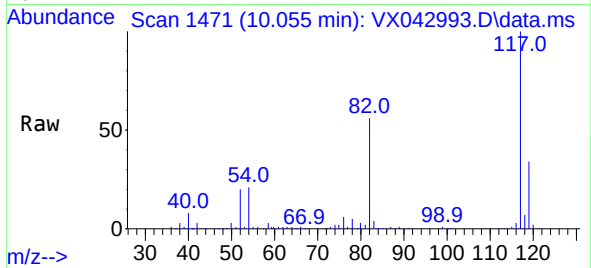




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

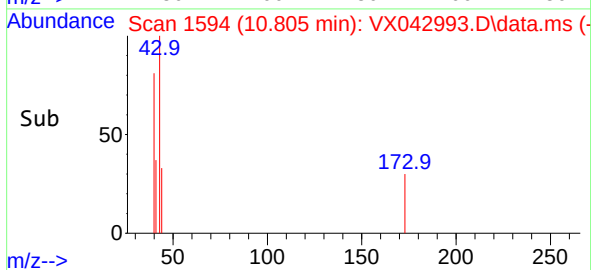
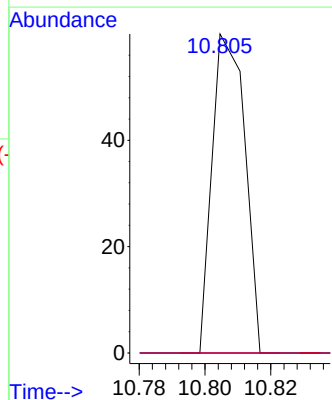
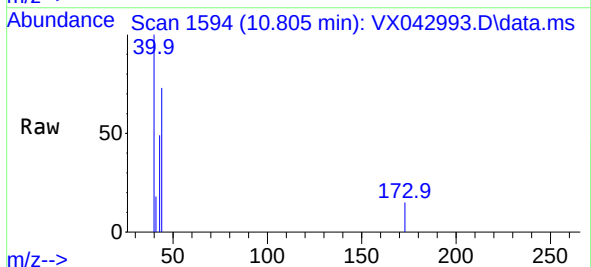
Instrument : MSVOA_X
ClientSampleId : GWBR-05-459-475-080724

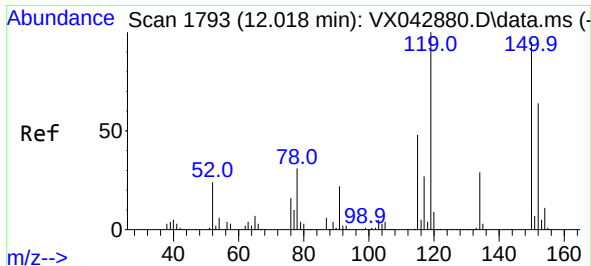
Tgt Ion:117 Resp: 232739
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 34.0 25.5 38.3



#71
Bromoform
Concen: 0.839 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Tgt Ion:173 Resp: 41
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

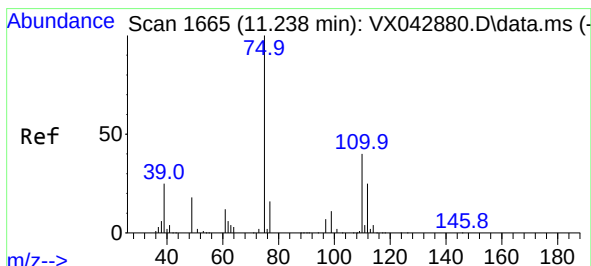
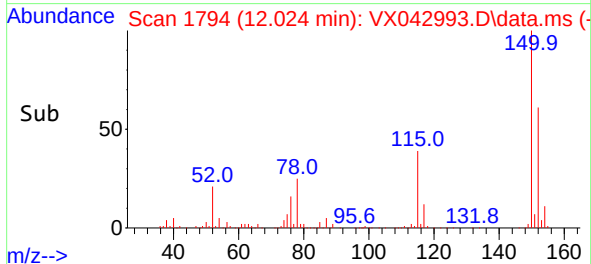
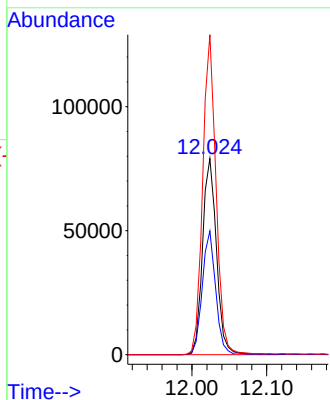
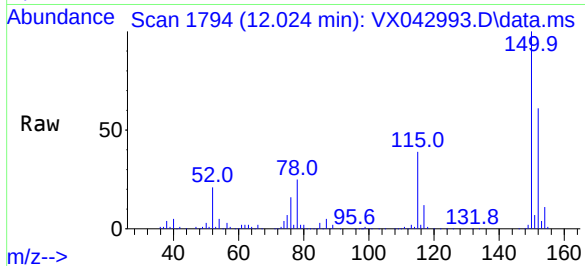




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

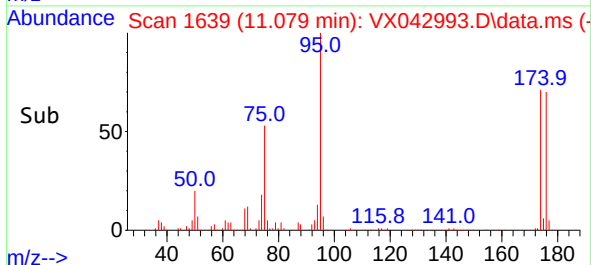
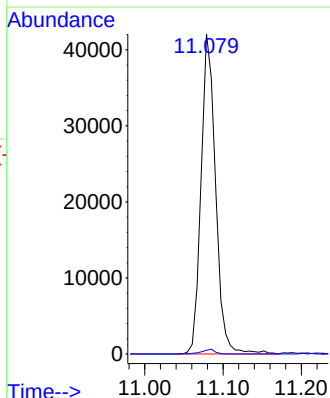
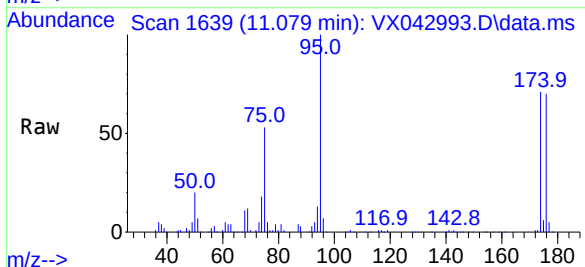
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-459-475-080724

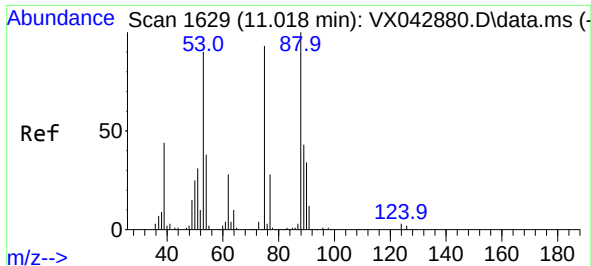
Tgt Ion:152 Resp: 102513
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 156.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

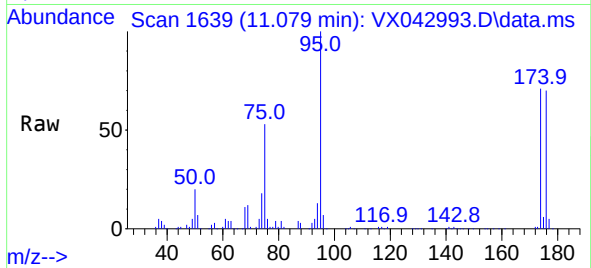
Tgt Ion: 75 Resp: 54306
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.590 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.060 min
Lab File: VX042993.D
Acq: 09 Aug 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
GWRB-05-459-475-080724



Tgt Ion: 75 Resp: 54306
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

