

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027924.D
 Acq On : 02 Apr 2022 11:32
 Operator : JC/MD
 Sample : VX0402WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBL01

Quant Time: Apr 04 04:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

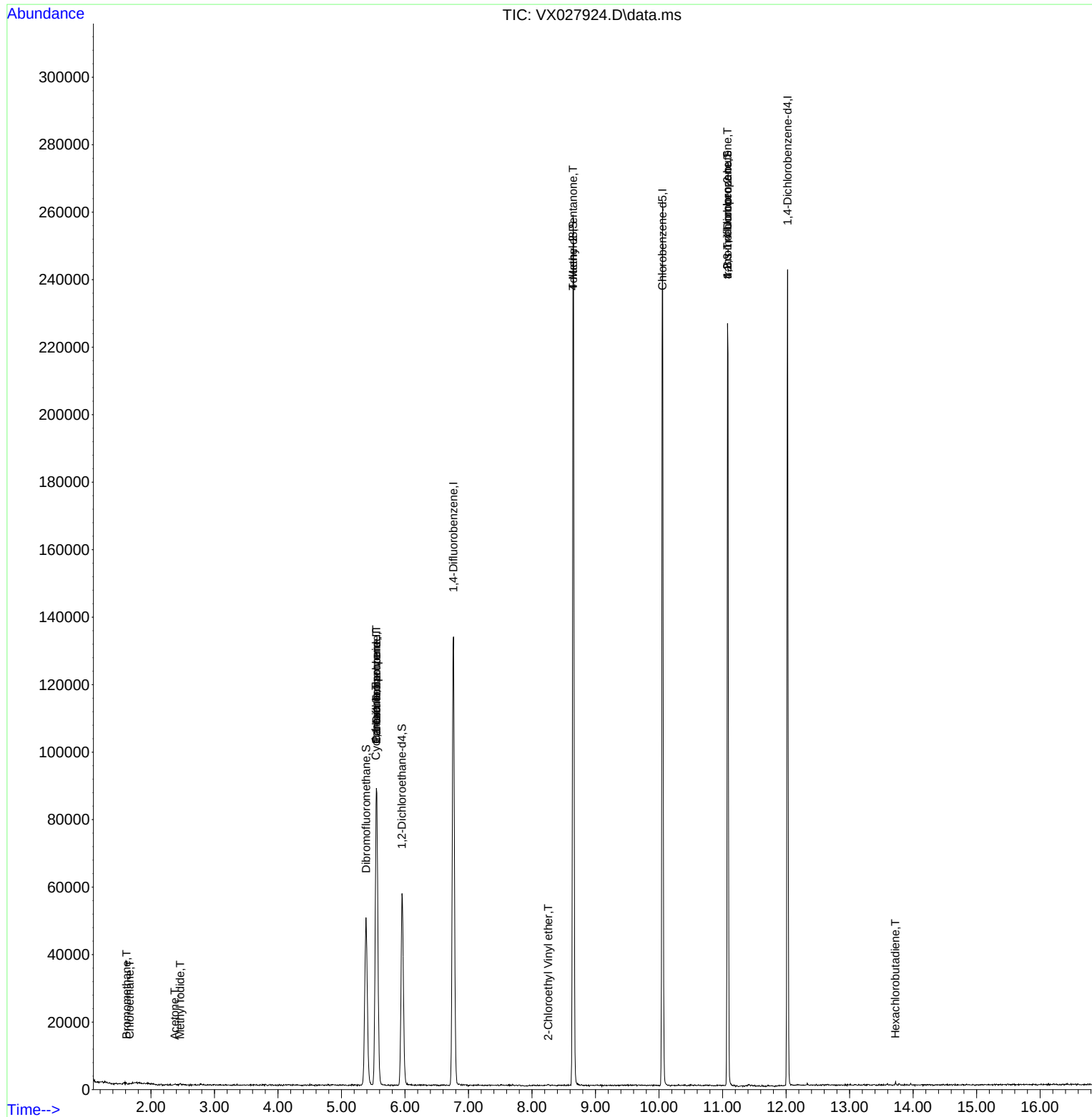
Internal Standards						
1) Pentafluorobenzene	5.550	168	78723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	129827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56203	55.332	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.660%	
35) Dibromofluoromethane	5.385	113	42094	50.231	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.460%	
50) Toluene-d8	8.647	98	153872	52.187	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	11.079	95	63749	50.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	95	0.326	ug/l	81
6) Chloroethane	1.666	64	99	0.227	ug/l	# 43
10) Methyl Iodide	2.459	142	346	0.404	ug/l	# 86
16) Acetone	2.374	43	396	0.881	ug/l	# 39
31) Cyclohexane	5.544	56	1844	1.642	ug/l	# 38
36) 1,1-Dichloropropene	5.550	75	6802	6.445	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	8654	7.421	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	599	0.412	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.257	63	169	0.239	ug/l	# 45
76) 1,2,3-Trichloropropane	11.079	75	31849	28.707	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	31849	83.769	ug/l	# 15
94) Hexachlorobutadiene	13.719	225	183	1.240	ug/l	82

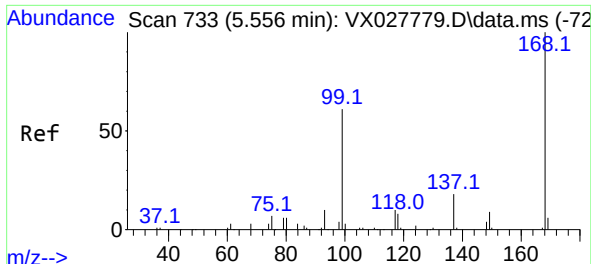
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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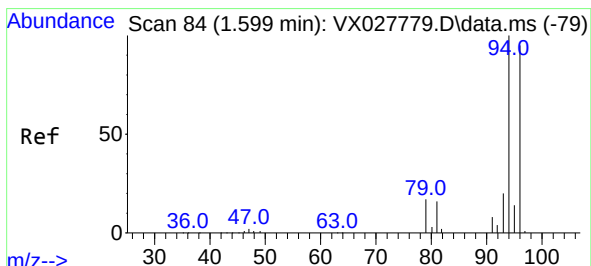
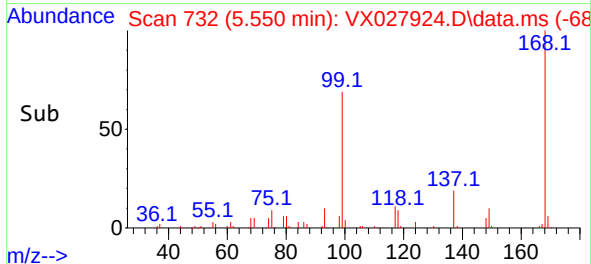
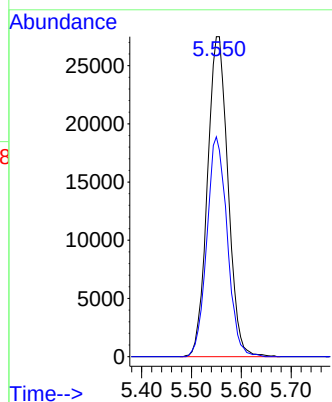
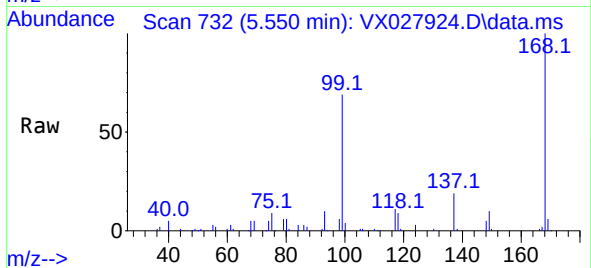




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

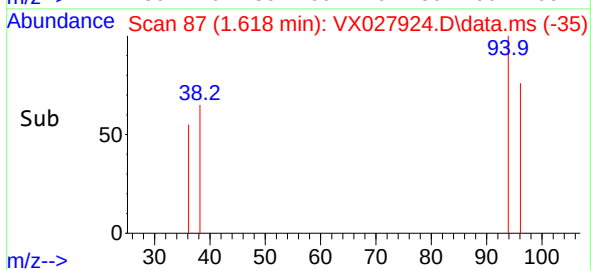
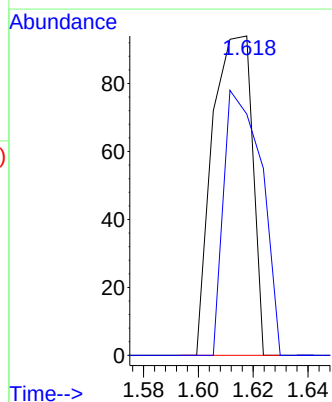
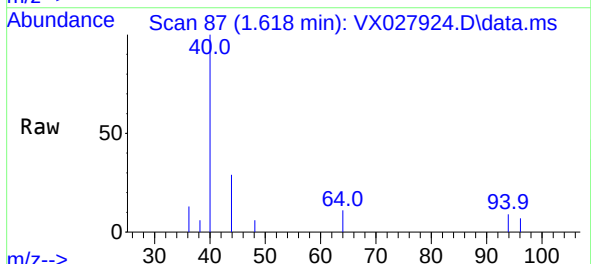
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

Tgt Ion:168 Resp: 78723
Ion Ratio Lower Upper
168 100
99 68.7 41.7 62.5#

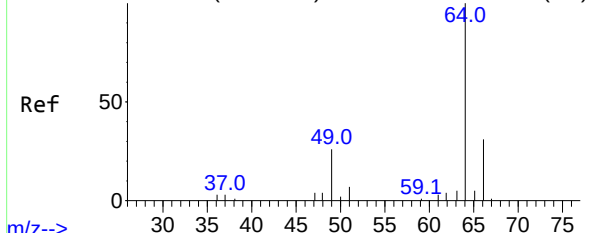


#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

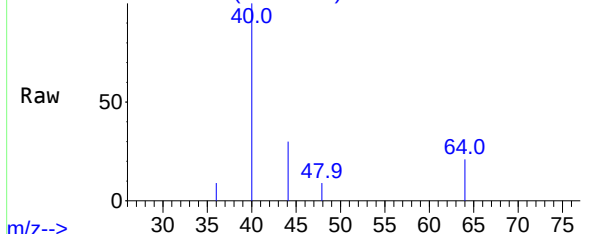
Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 75.5 75.3 112.9



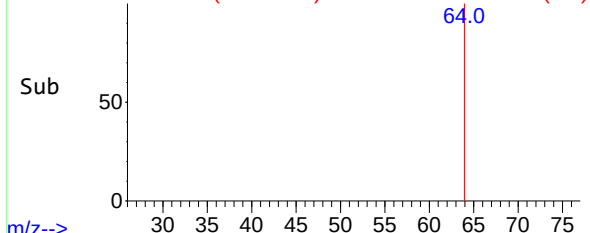
Abundance Scan 97 (1.678 min): VX027779.D\data.ms (-90)



Abundance Scan 95 (1.666 min): VX027924.D\data.ms



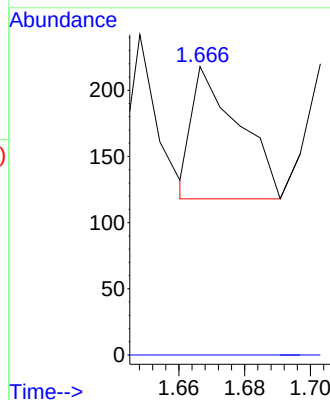
Abundance Scan 95 (1.666 min): VX027924.D\data.ms (-48)



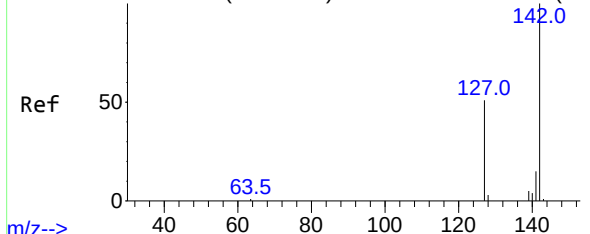
#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

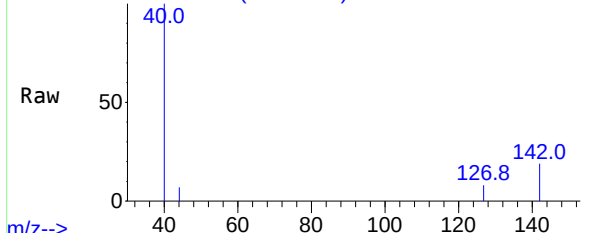
Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



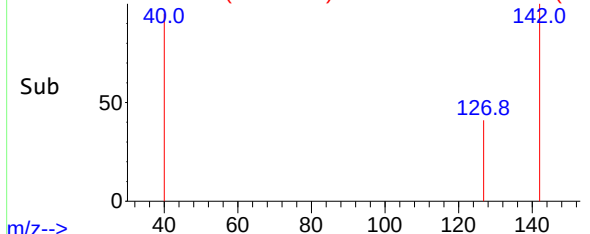
Abundance Scan 224 (2.453 min): VX027779.D\data.ms (-21)



Abundance Scan 225 (2.459 min): VX027924.D\data.ms

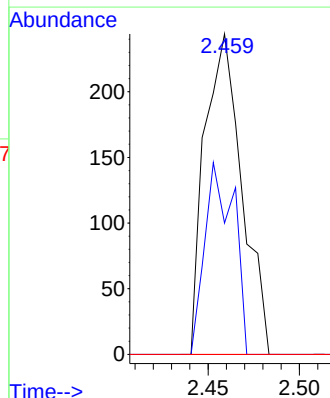


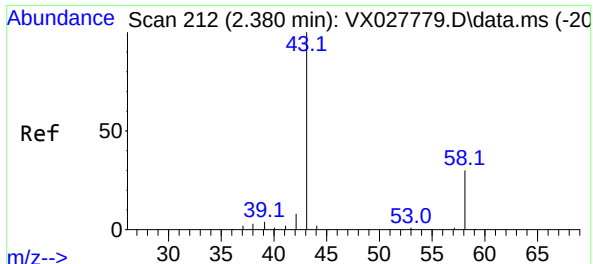
Abundance Scan 225 (2.459 min): VX027924.D\data.ms (-17)



#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 142 Resp: 346
Ion Ratio Lower Upper
142 100
127 46.5 33.9 50.9
141 0.0 11.4 17.2#

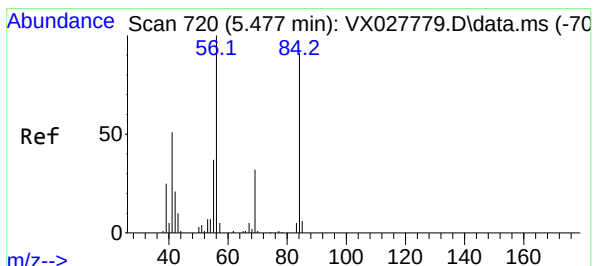
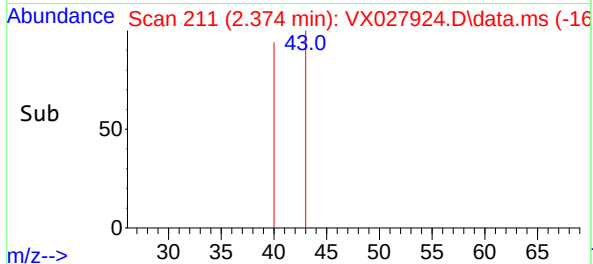
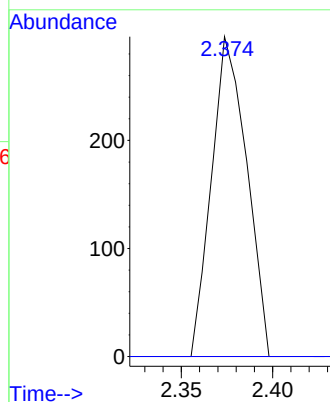
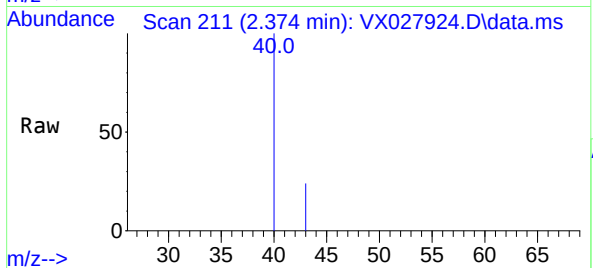




#16
Acetone
Concen: 0.881 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

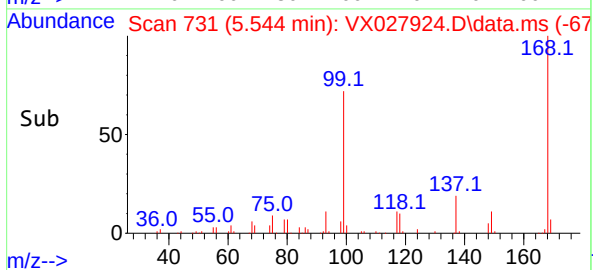
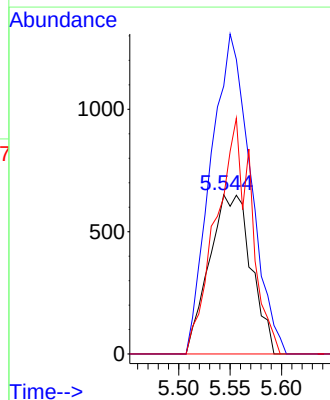
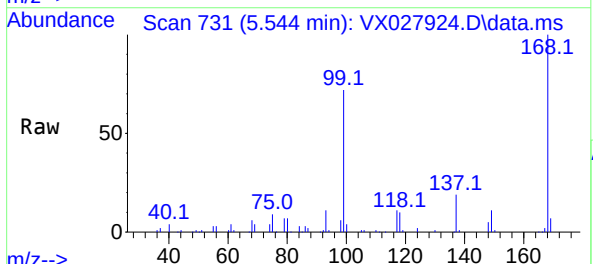
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

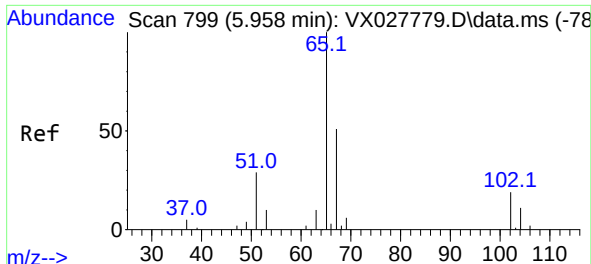
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#31
Cyclohexane
Concen: 1.642 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 168.2 26.7 40.1#
84 98.5 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 55.332 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027924.D

Acq: 02 Apr 2022 11:32

Instrument :

MSVOA_X

ClientSampleId :

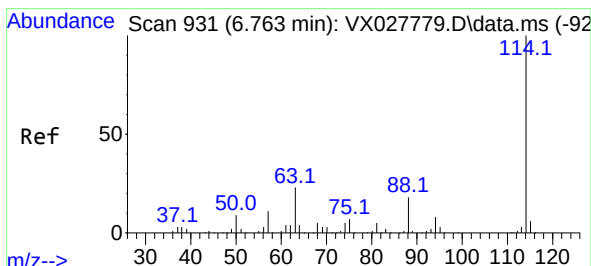
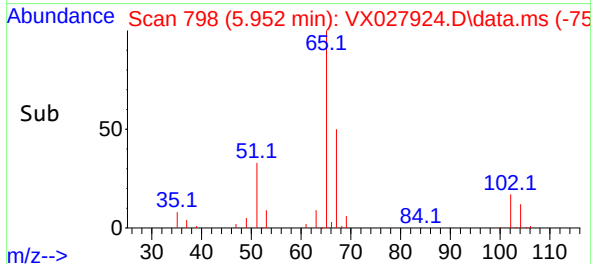
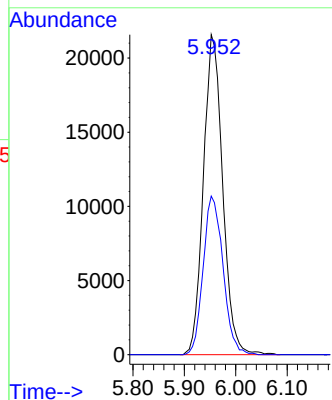
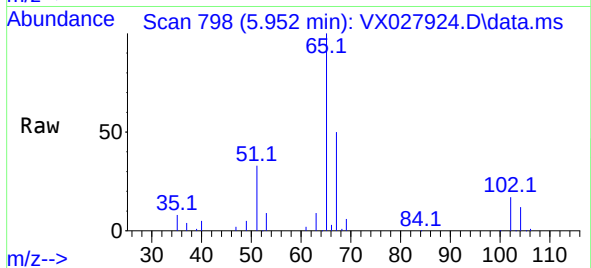
VX0402WBL01

Tgt Ion: 65 Resp: 56203

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027924.D

Acq: 02 Apr 2022 11:32

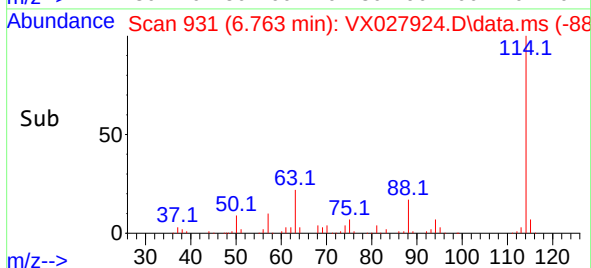
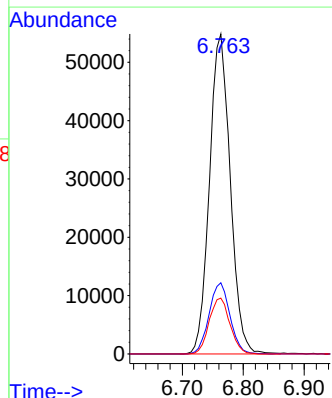
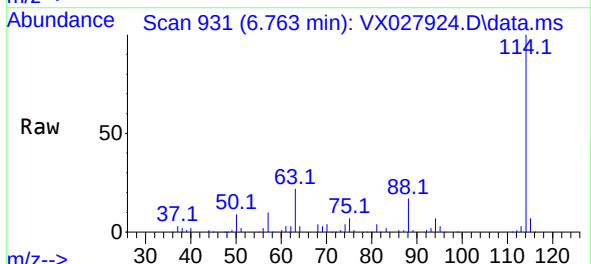
Tgt Ion:114 Resp: 129827

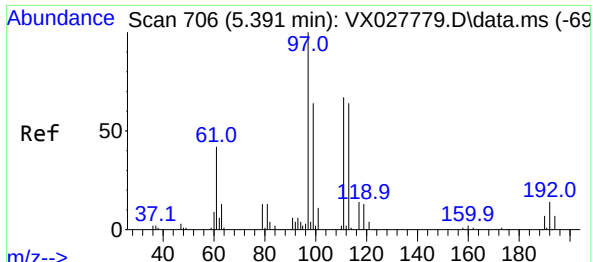
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.8

88 17.5 0.0 32.4

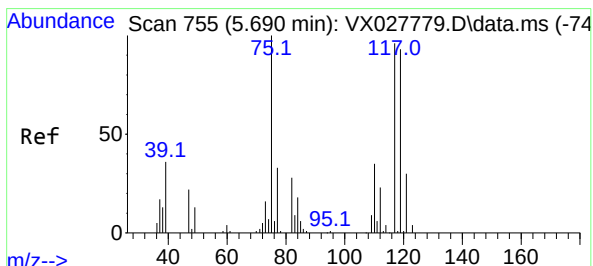
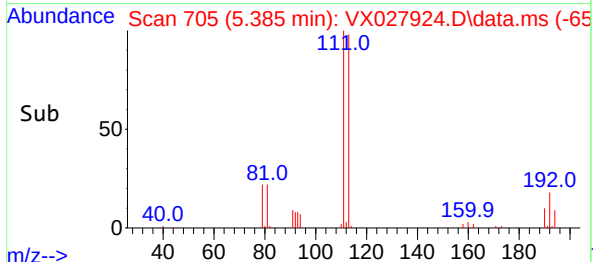
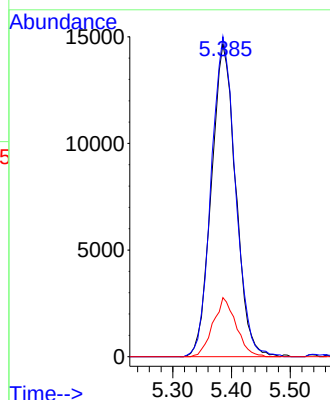
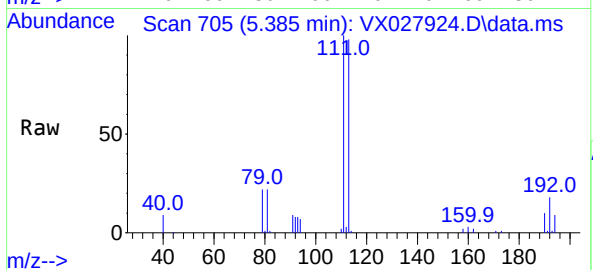




#35
Dibromofluoromethane
Concen: 50.231 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

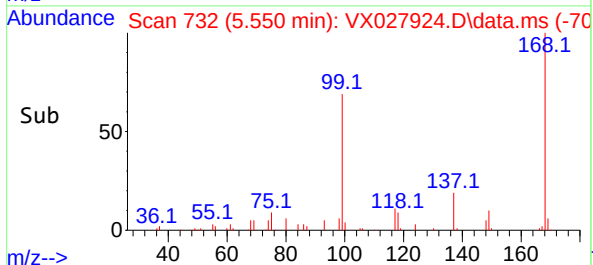
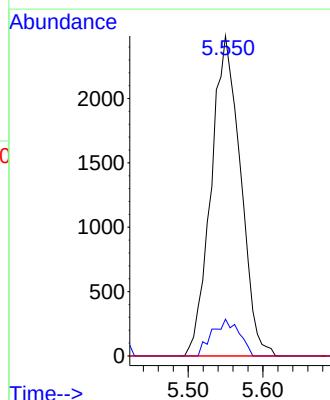
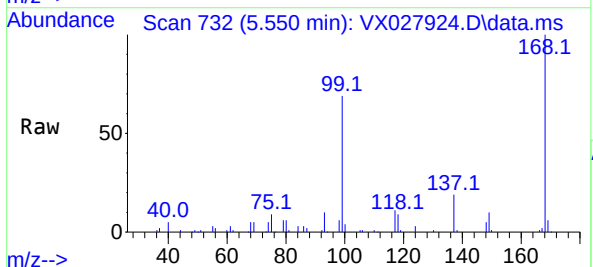
Instrument :
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ClientSampleId :
VX0402WBL01

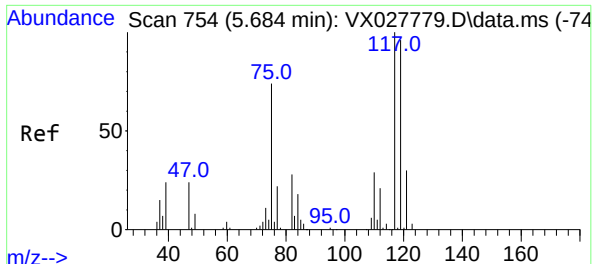
Tgt Ion:	113	Resp:	42094
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	17.9	16.9	25.3



#36
1,1-Dichloropropene
Concen: 6.445 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion:	75	Resp:	6802
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.3	54.8#
77	0.0	24.8	37.2#

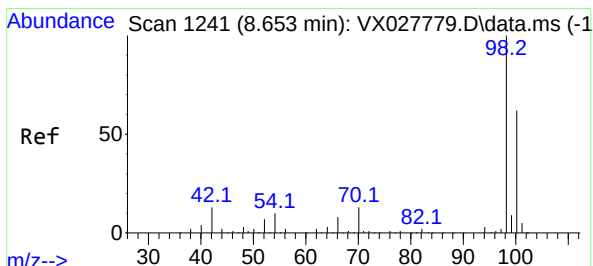
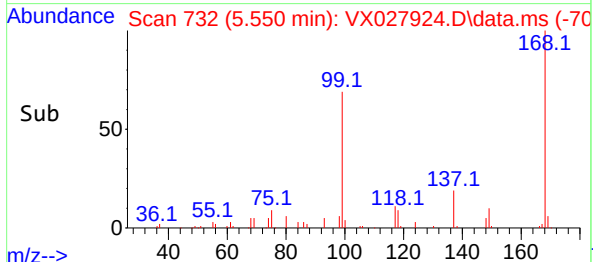
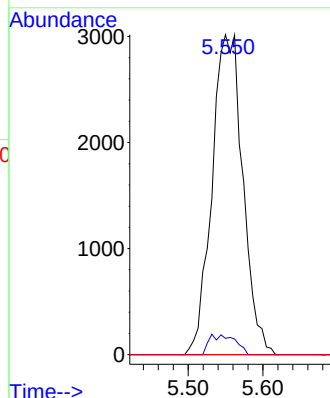
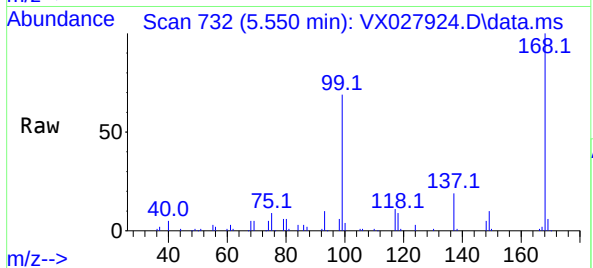




#38
Carbon Tetrachloride
Concen: 7.421 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

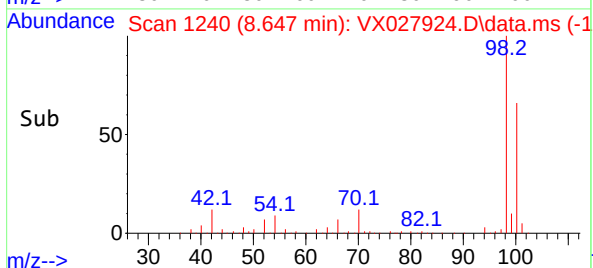
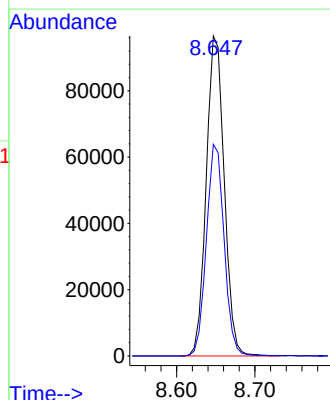
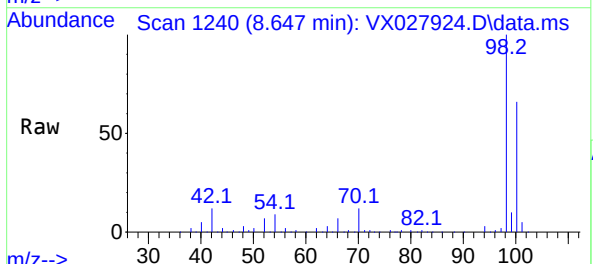
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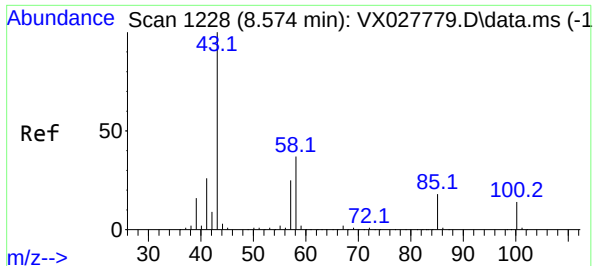
Tgt Ion:117 Resp: 8654
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.187 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 98 Resp: 153872
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

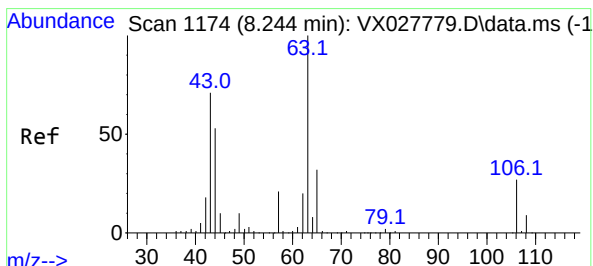
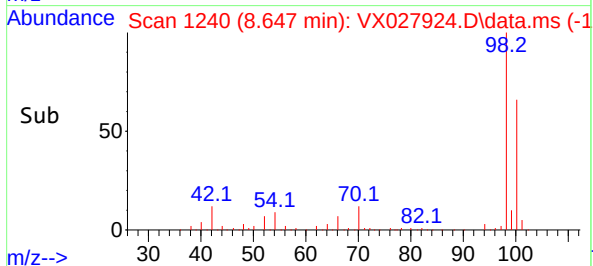
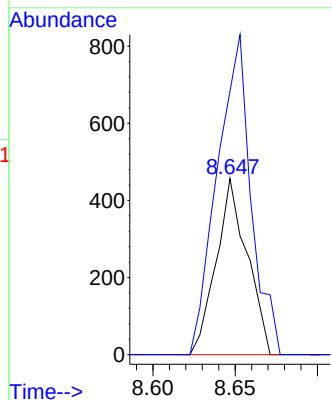
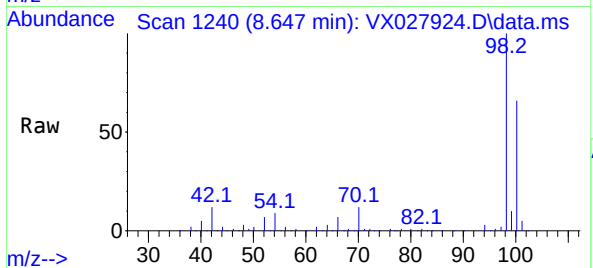




#51
4-Methyl-2-Pentanone
Concen: 0.412 ug/l
RT: 8.647 min Scan# 1176
Delta R.T. 0.073 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

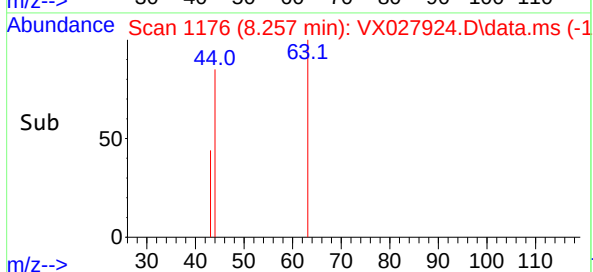
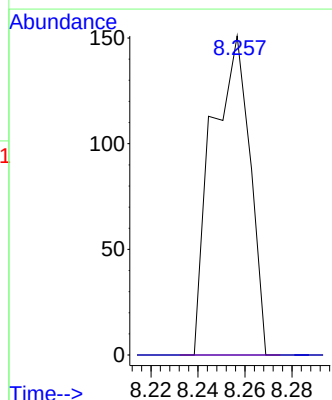
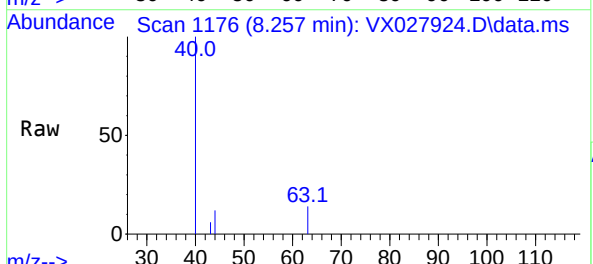
Instrument :
MSVOA_X
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VX0402WBL01

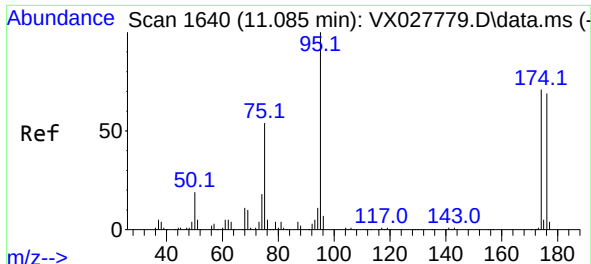
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 198.0 36.1 54.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.239 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 63 Resp: 169
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

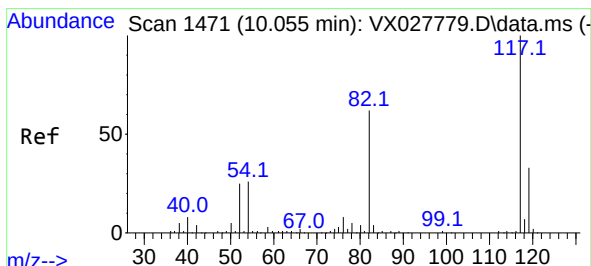
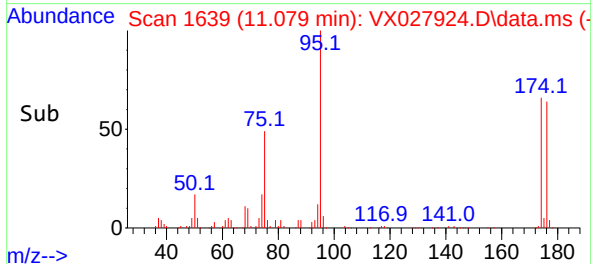
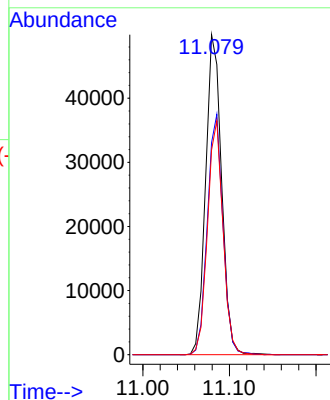
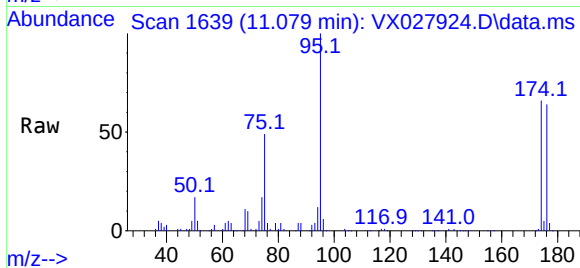




#62
4-Bromofluorobenzene
Concen: 50.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

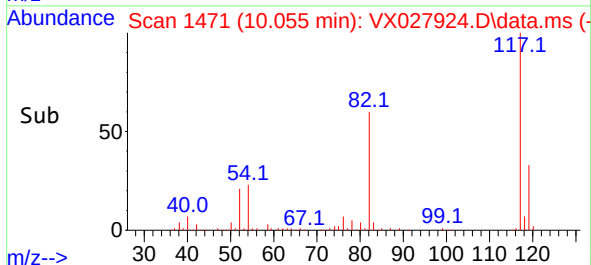
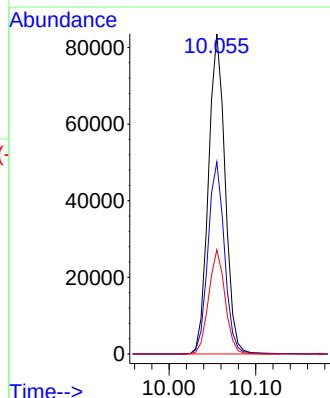
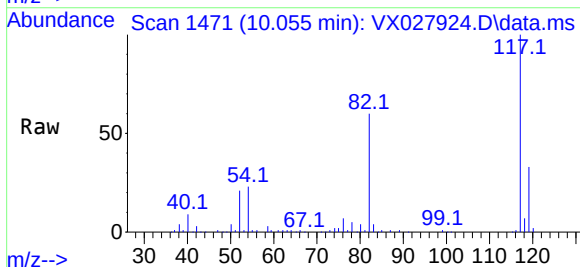
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

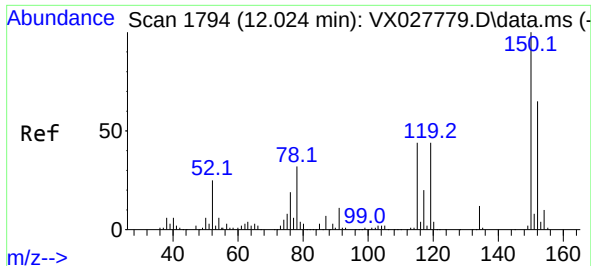
Tgt Ion: 95 Resp: 63749
Ion Ratio Lower Upper
95 100
174 73.5 0.0 163.0
176 71.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 117 Resp: 111780
Ion Ratio Lower Upper
117 100
82 60.0 41.8 62.8
119 32.6 24.8 37.2

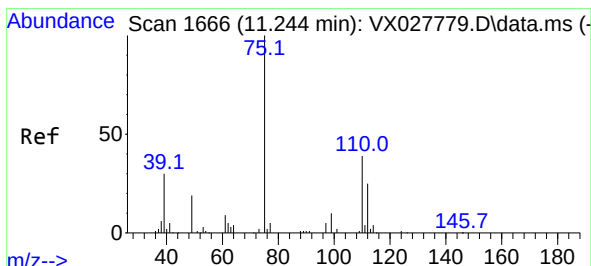
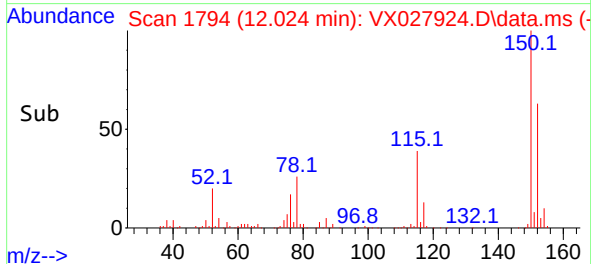
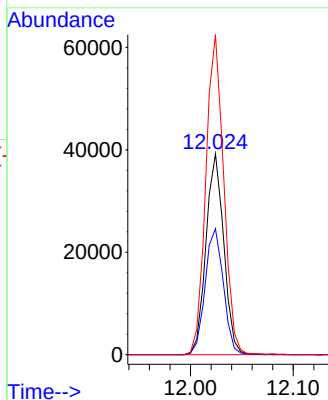
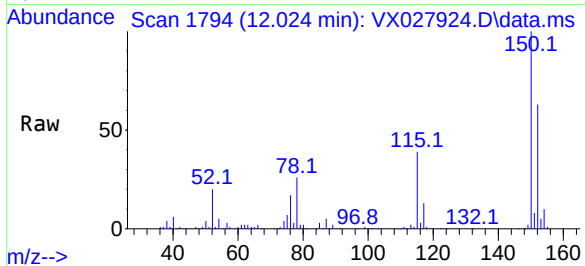




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

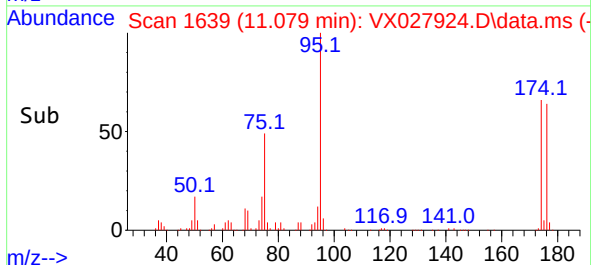
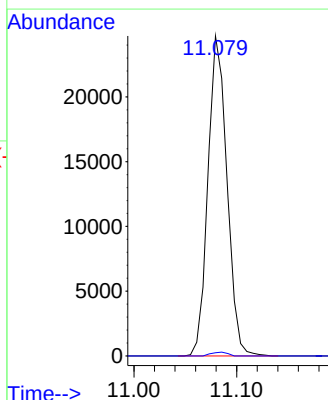
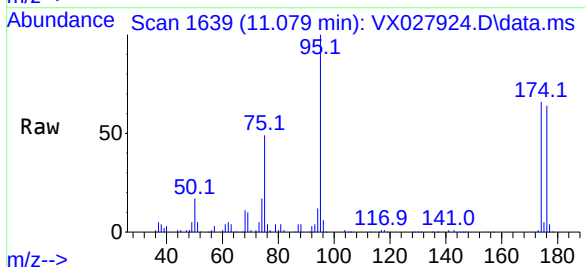
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

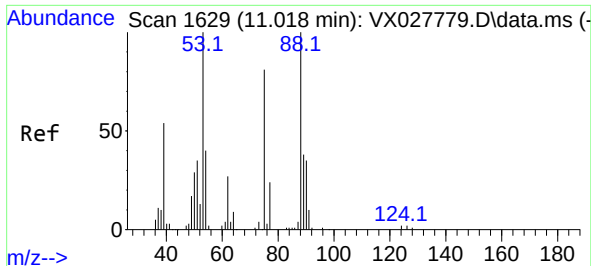
Tgt Ion:152 Resp: 47294
Ion Ratio Lower Upper
152 100
115 64.3 37.5 112.7
150 159.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 28.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 75 Resp: 31849
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

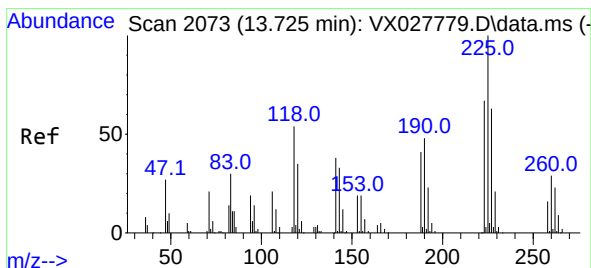
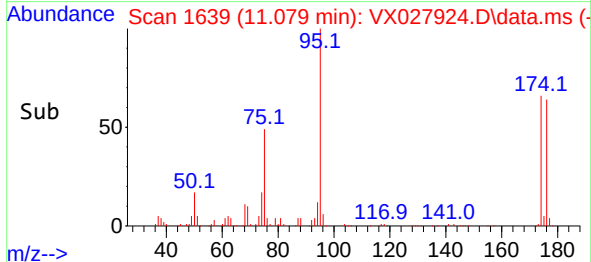
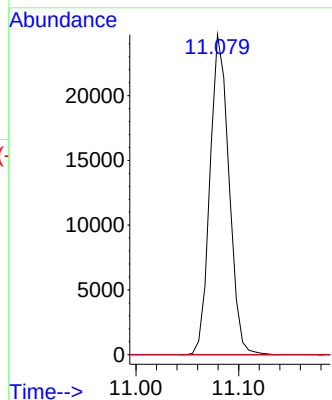
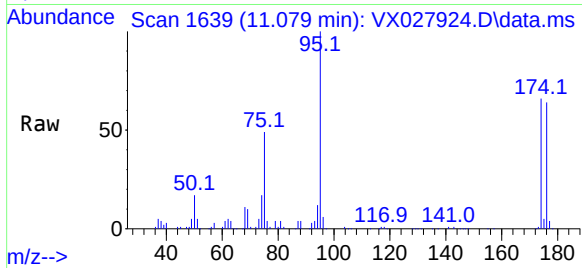




#81
trans-1,4-Dichloro-2-butene
Concen: 83.769 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBL01

Tgt Ion: 75 Resp: 31849
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 1.240 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX027924.D
Acq: 02 Apr 2022 11:32

Tgt Ion: 225 Resp: 183
Ion Ratio Lower Upper
225 100
223 51.4 34.2 102.5
227 55.2 33.9 101.7

