

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035872.D
 Acq On : 25 May 2023 22:34
 Operator : JC/MD
 Sample : 02911-18 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230522

Quant Time: May 26 07:26:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

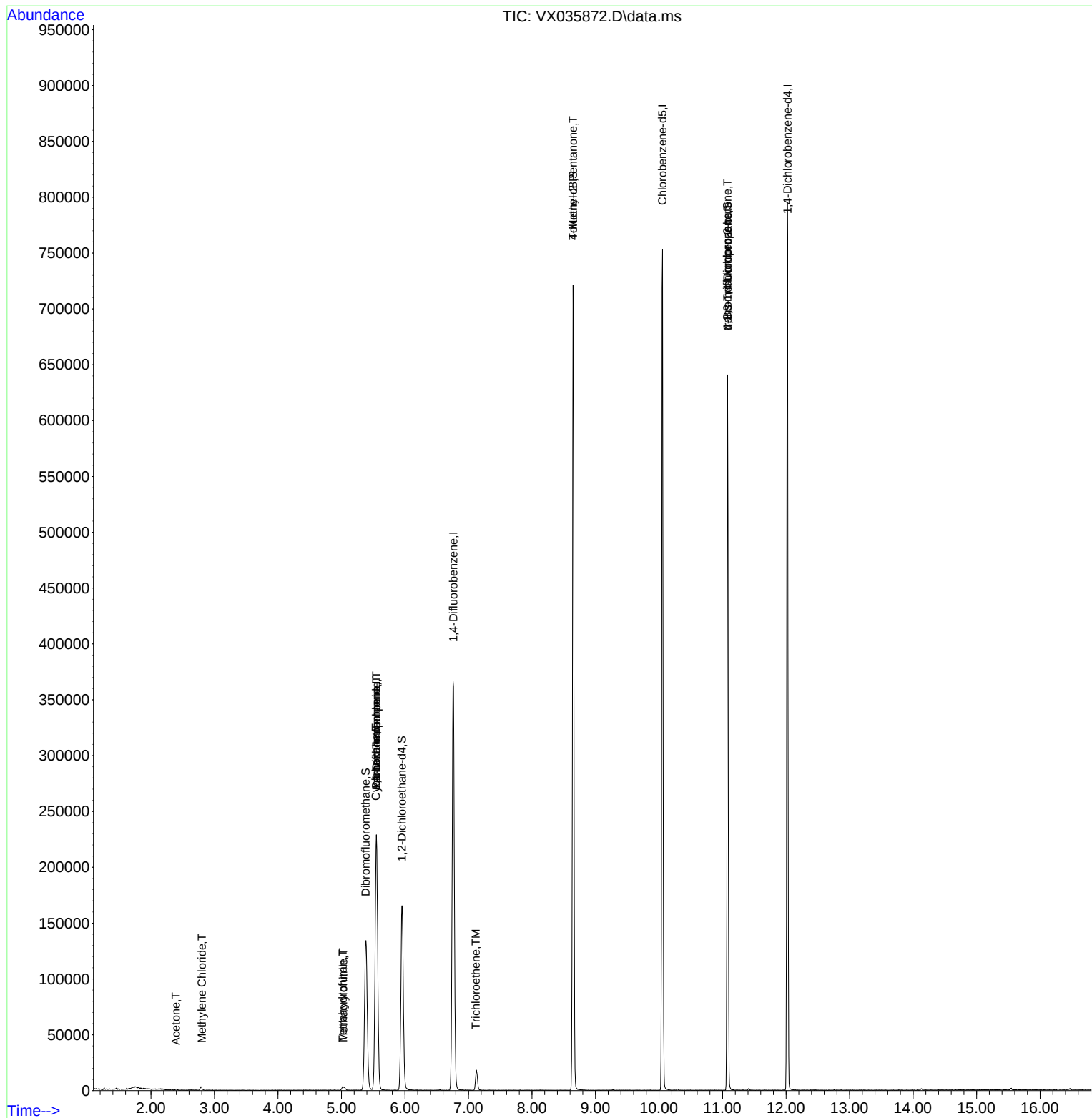
Internal Standards						
1) Pentafluorobenzene	5.550	168	209516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156492	42.815	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.620%		
35) Dibromofluoromethane	5.379	113	119048	47.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.140%		
50) Toluene-d8	8.647	98	404694	43.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.560%#		
62) 4-Bromofluorobenzene	11.079	95	158991	42.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.440%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1100	0.700	ug/l #	71
20) Methylene Chloride	2.800	84	1617	0.568	ug/l #	50
29) Tetrahydrofuran	5.019	42	3264	2.388	ug/l	97
31) Cyclohexane	5.544	56	5304	1.149	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	17873	4.525	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22513	6.017	ug/l #	15
41) Methacrylonitrile	5.026	41	1963	0.803	ug/l #	51
44) Trichloroethene	7.117	130	6694	2.389	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1963	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85902	22.473	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	85902	72.426	ug/l #	8

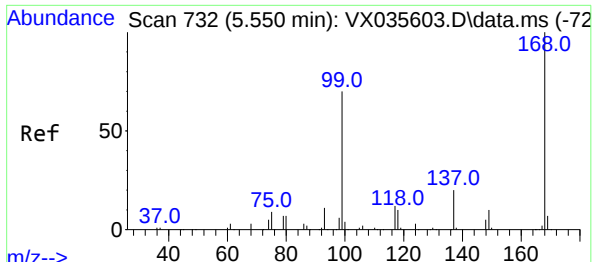
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
Data File : VX035872.D
Acq On : 25 May 2023 22:34
Operator : JC/MD
Sample : 02911-18 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

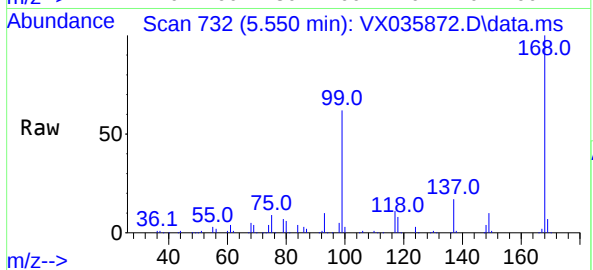
Quant Time: May 26 07:26:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



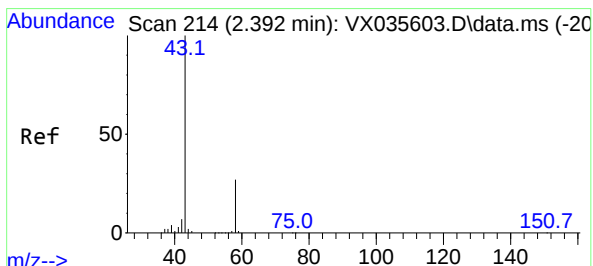
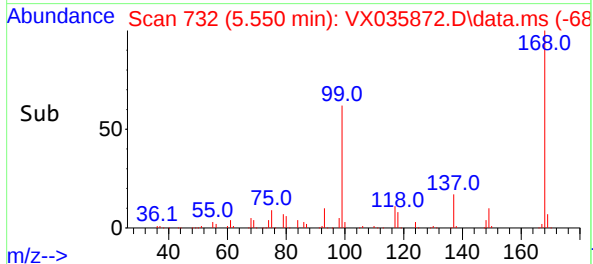
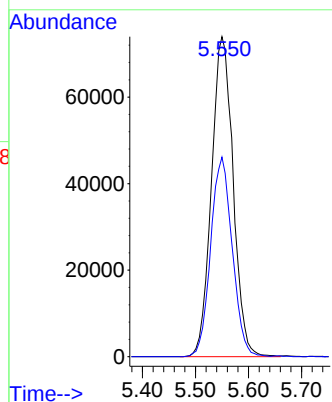


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

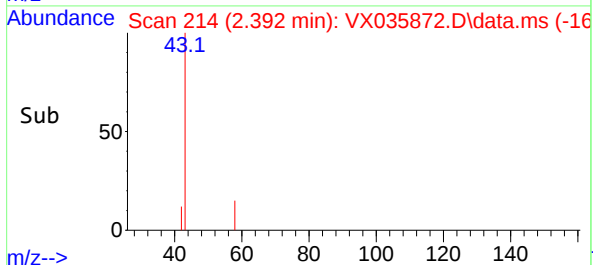
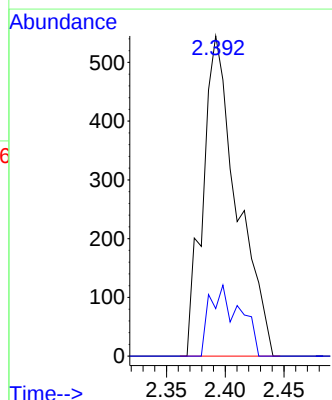
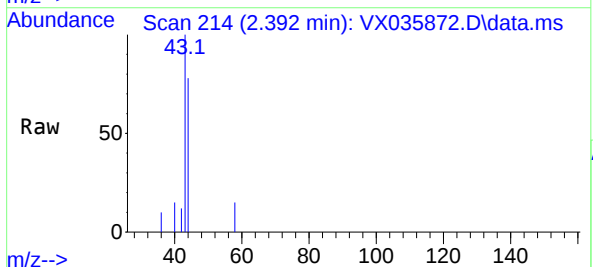


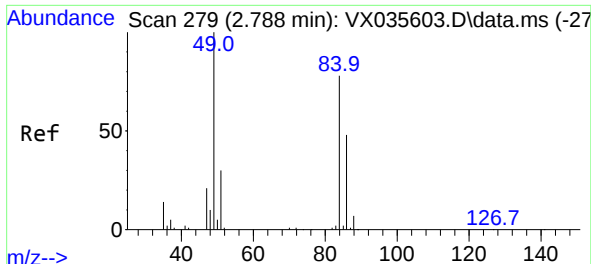
Tgt Ion:168 Resp: 209516
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#16
Acetone
Concen: 0.700 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 14.9 24.7 37.1#



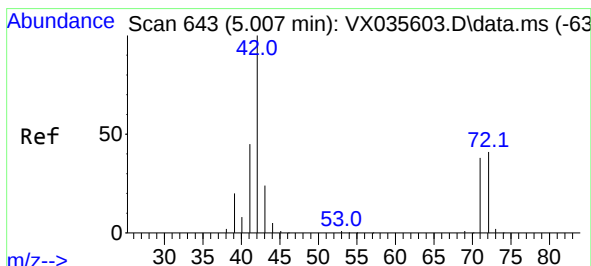
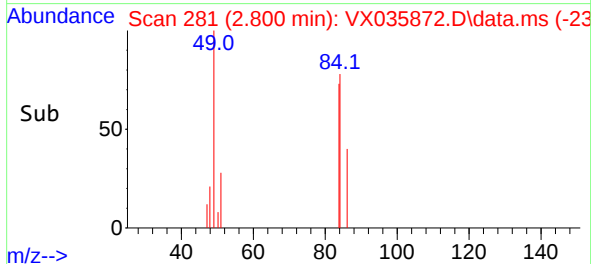
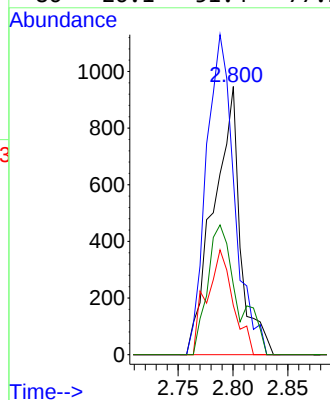
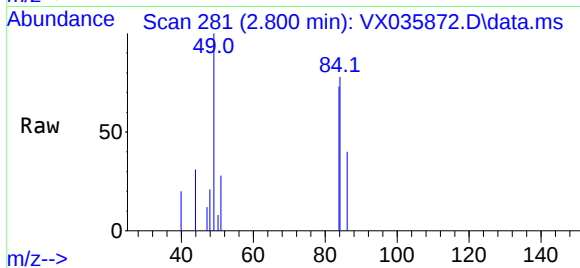


#20
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

Tgt Ion: 84 Resp: 1617

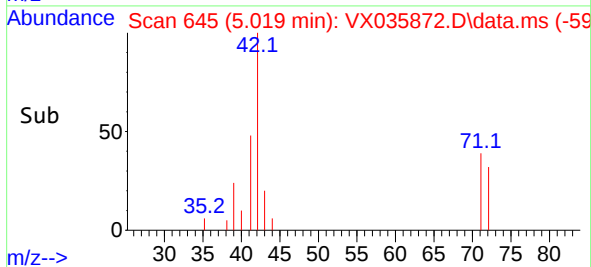
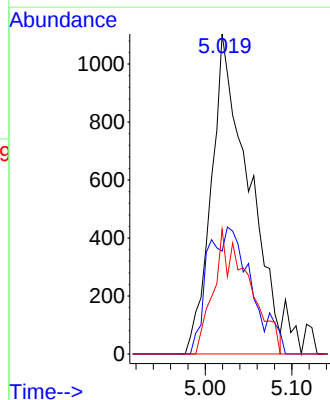
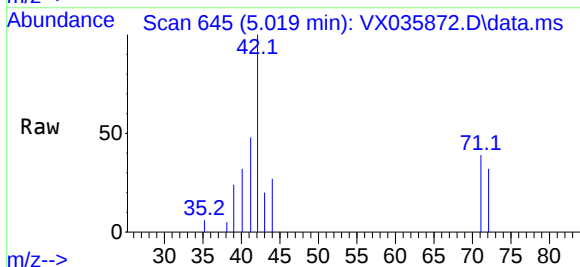
Ion	Ratio	Lower	Upper
84	100		
49	65.9	103.8	155.8#
51	18.4	31.8	47.8#
86	26.1	51.4	77.2#

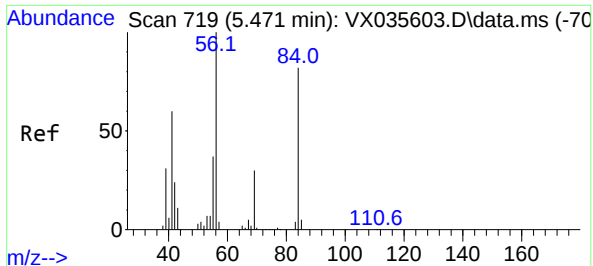


#29
Tetrahydrofuran
Concen: 2.388 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 42 Resp: 3264

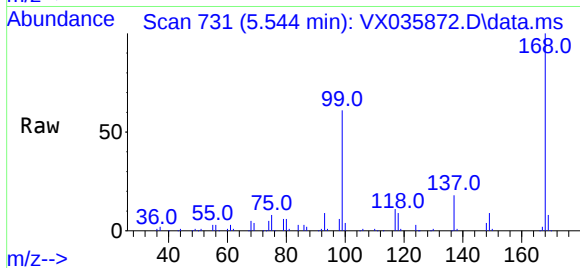
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.5	51.7
71	37.1	32.1	48.1



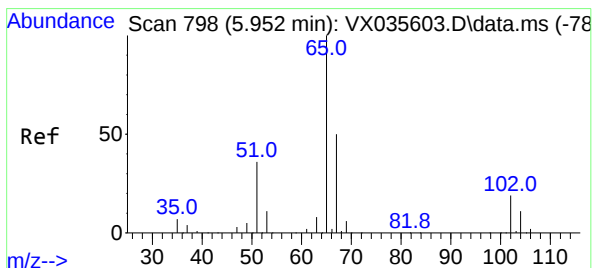
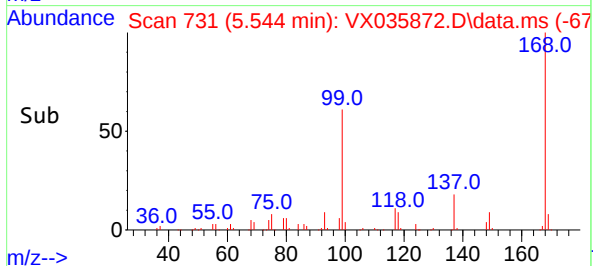
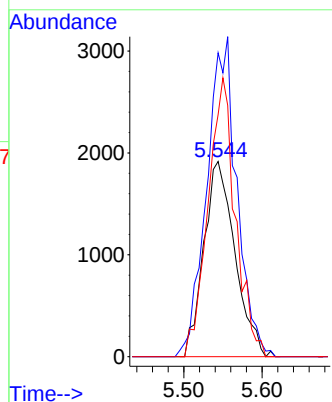


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

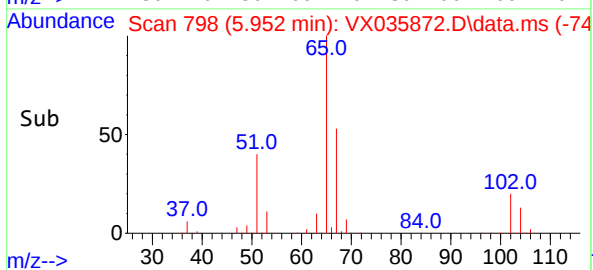
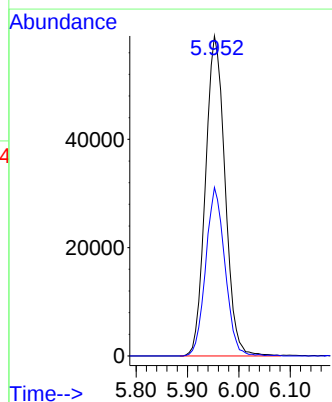
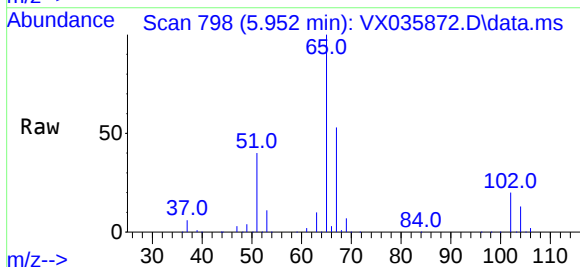


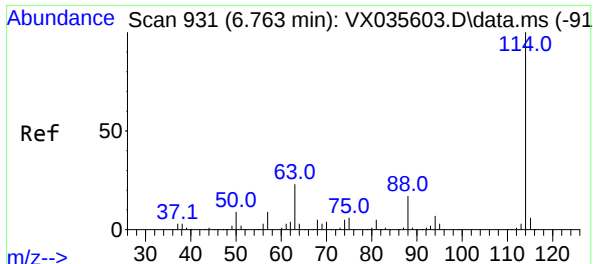
Tgt Ion: 56 Resp: 5304
Ion Ratio Lower Upper
56 100
69 155.6 23.7 35.5#
84 124.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.815 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 65 Resp: 156492
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX035872.D

Acq: 25 May 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230522

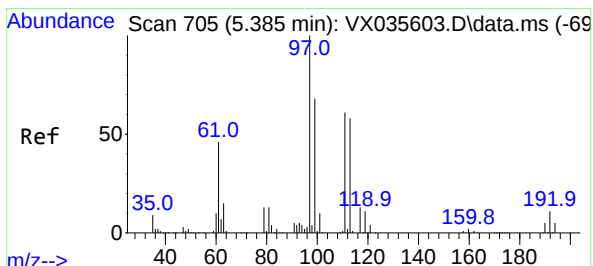
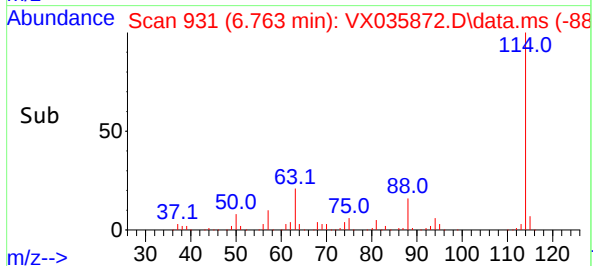
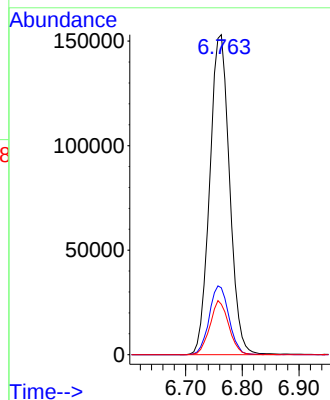
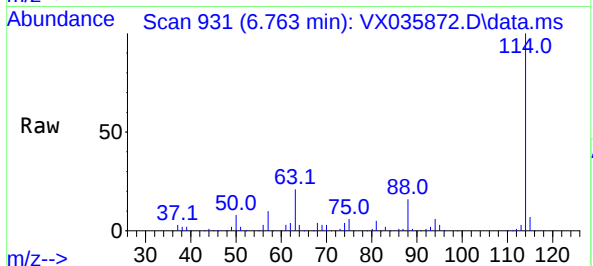
Tgt Ion:114 Resp: 371047

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.575 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035872.D

Acq: 25 May 2023 22:34

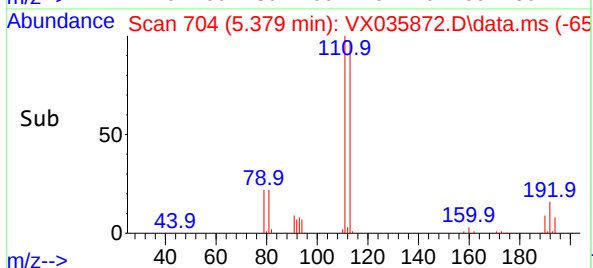
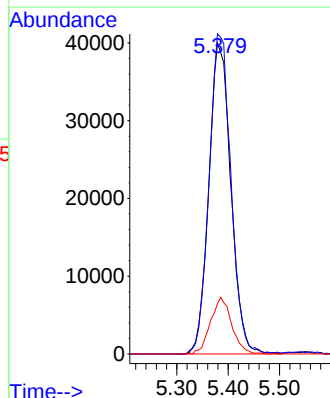
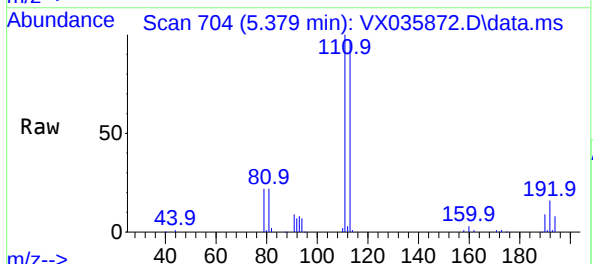
Tgt Ion:113 Resp: 119048

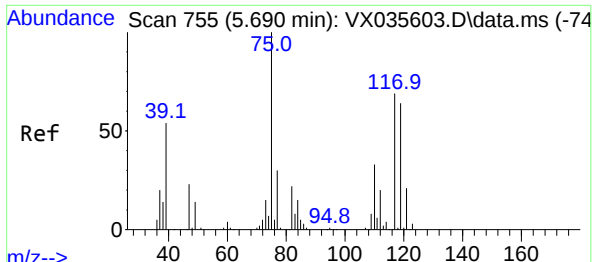
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 17.5 15.4 23.2

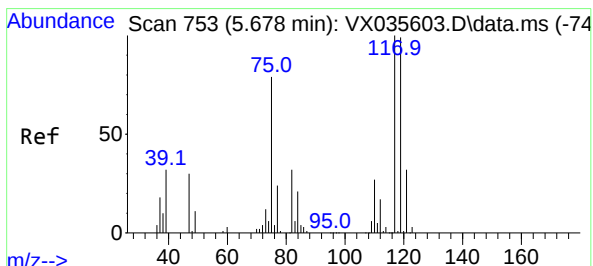
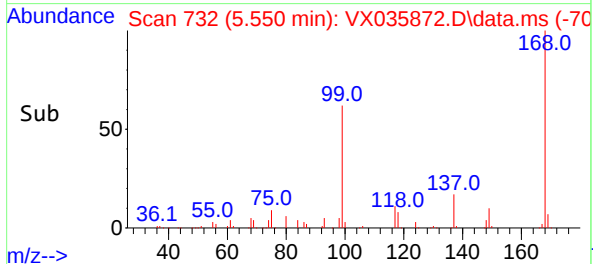
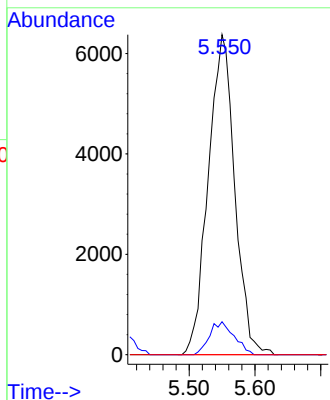
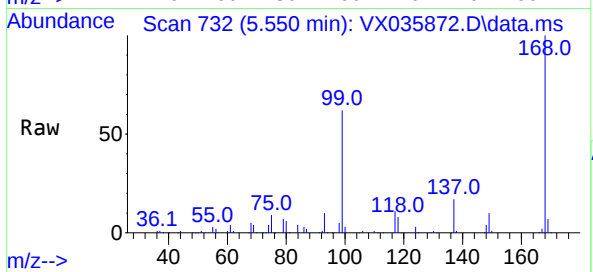




#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

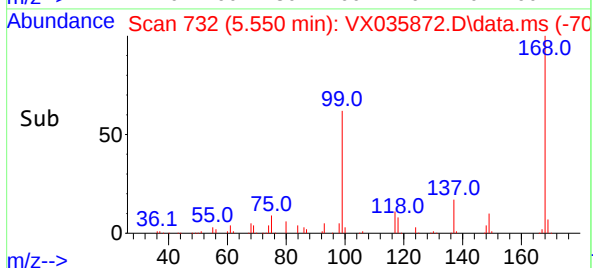
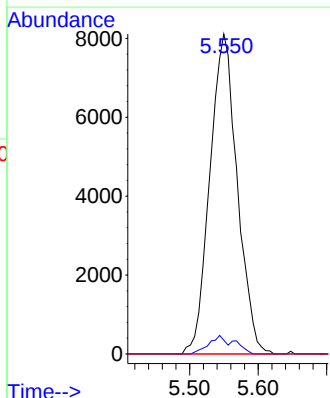
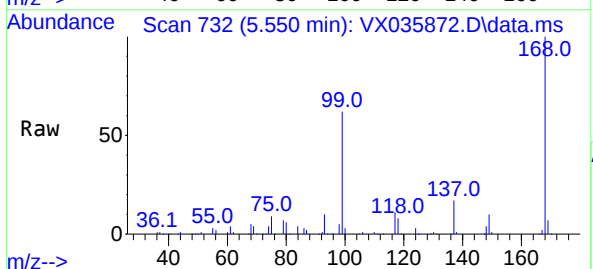
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

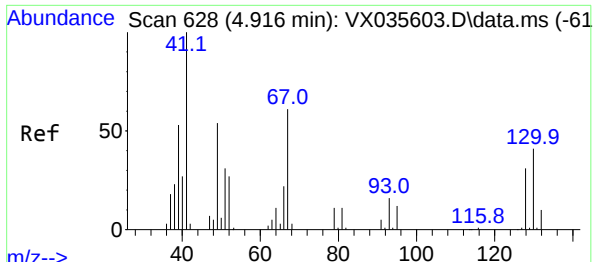
Tgt Ion: 75 Resp: 17873
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 117 Resp: 22513
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#

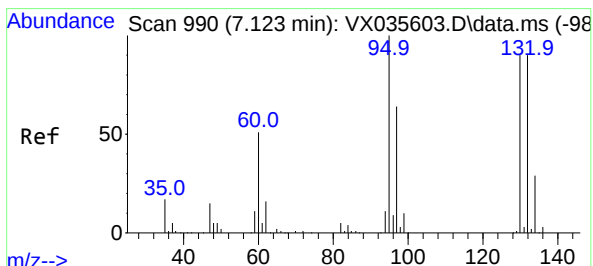
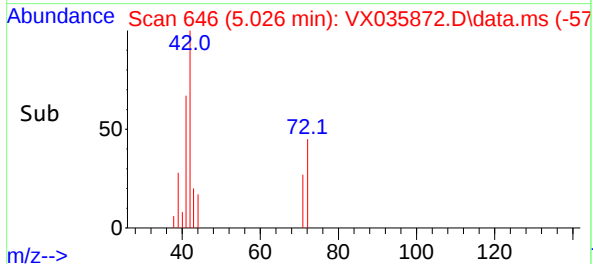
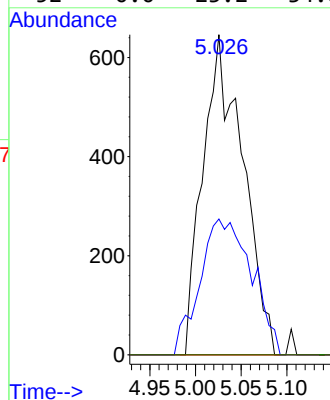
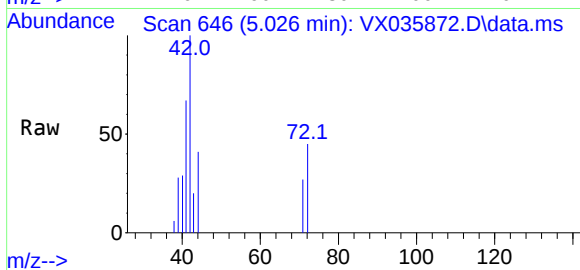




#41
Methacrylonitrile
Concen: 0.803 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

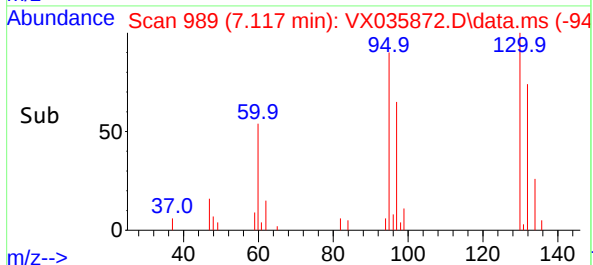
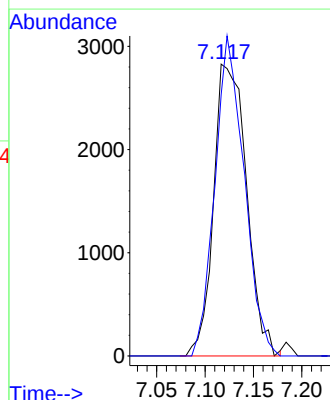
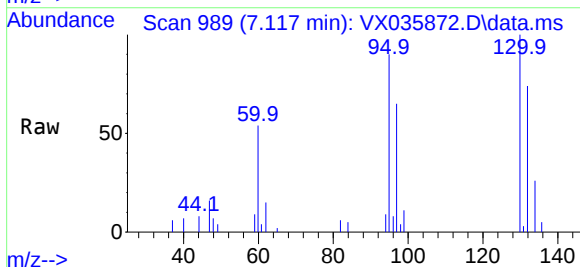
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

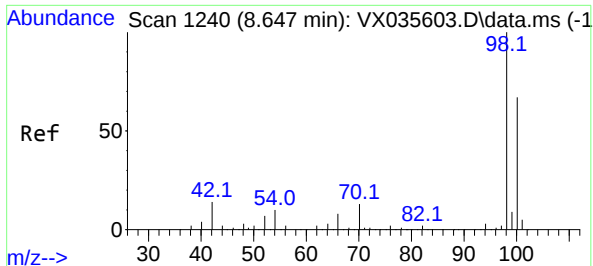
Tgt Ion: 41	Resp: 1963
Ion Ratio	Lower Upper
41 100	
39 55.1	45.0 67.6
67 0.0	55.6 83.4#
52 0.0	23.2 34.8#



#44
Trichloroethene
Concen: 2.389 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 130	Resp: 6694
Ion Ratio	Lower Upper
130 100	
95 89.5	0.0 198.4

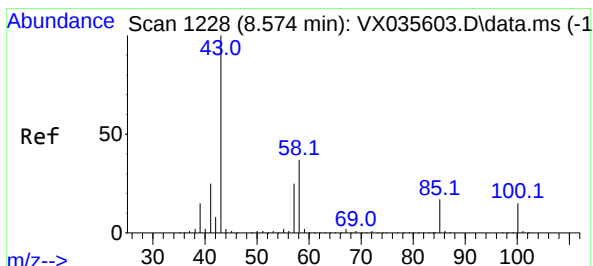
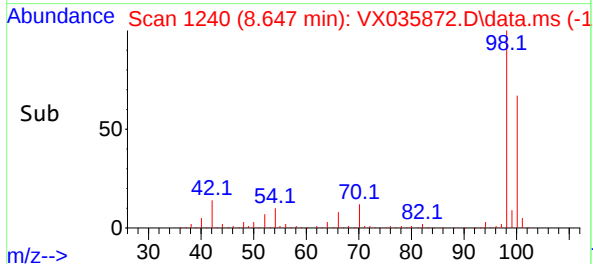
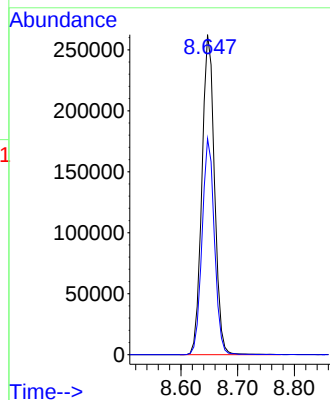
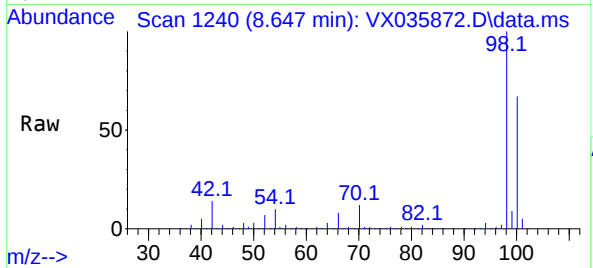




#50
Toluene-d8
Concen: 43.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

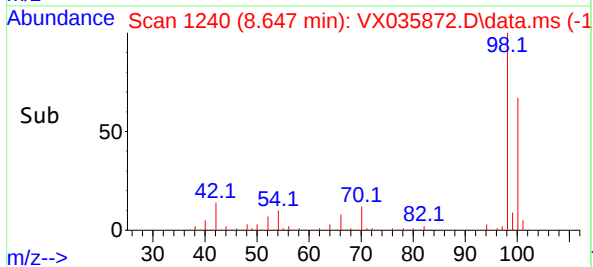
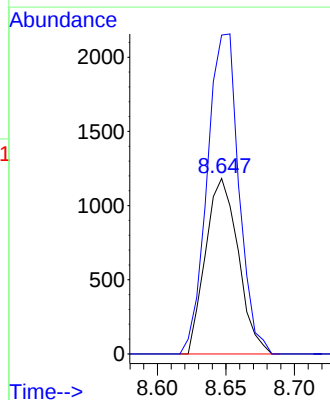
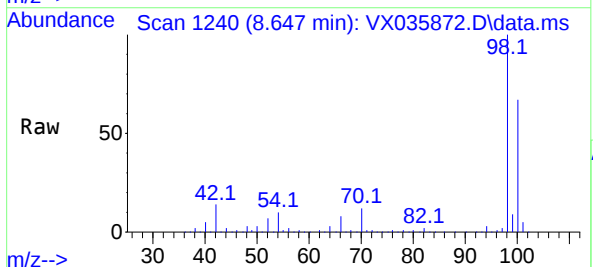
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

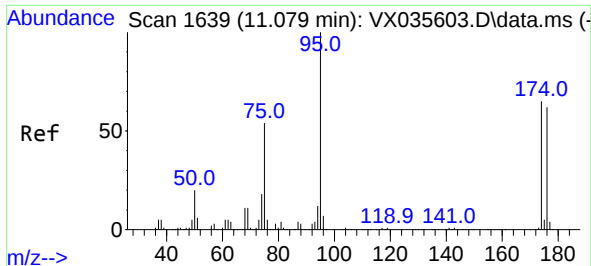
Tgt Ion: 98 Resp: 404694
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 177.3 30.6 46.0#

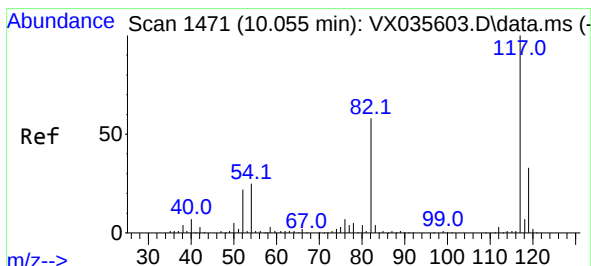
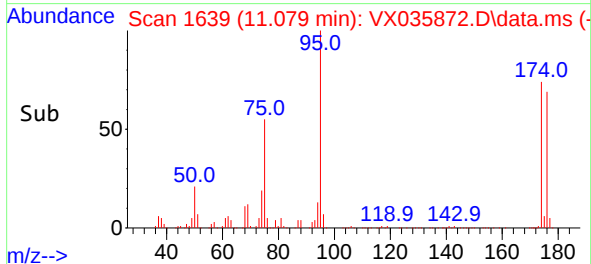
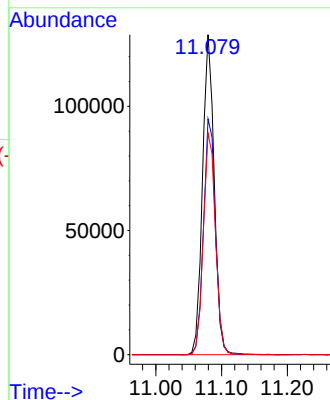
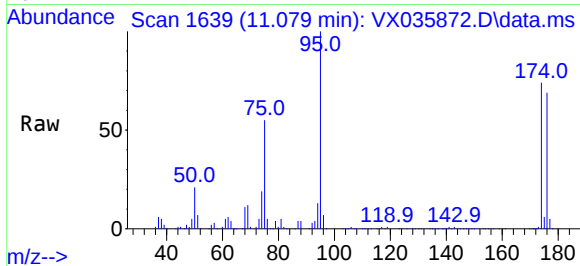




#62
4-Bromofluorobenzene
Concen: 42.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

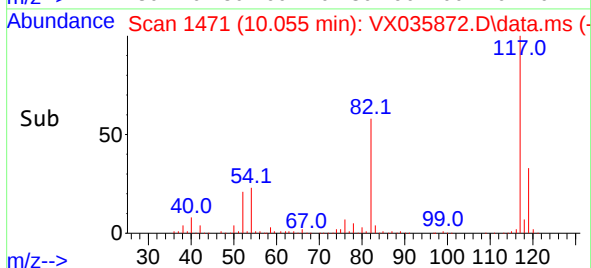
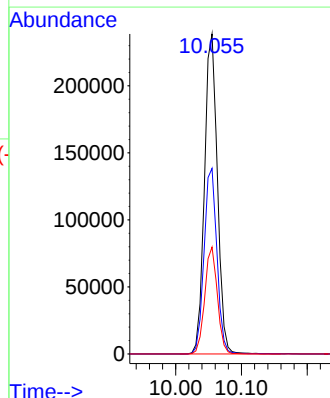
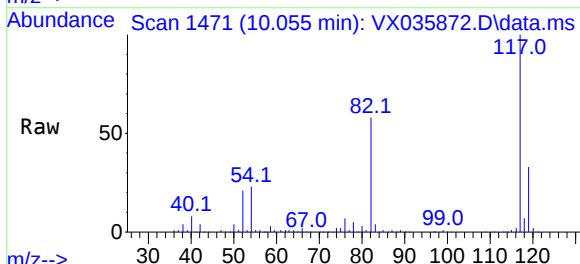
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

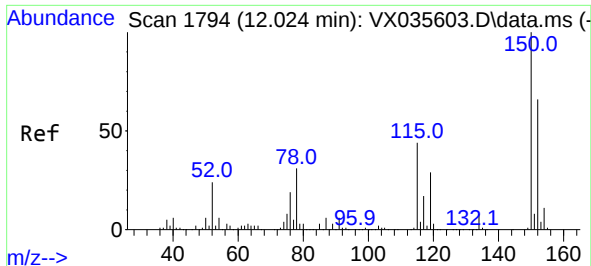
Tgt Ion: 95 Resp: 158991
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 71.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

Tgt Ion: 117 Resp: 325554
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 33.4 26.0 39.0

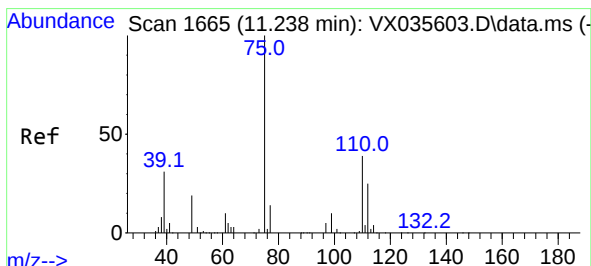
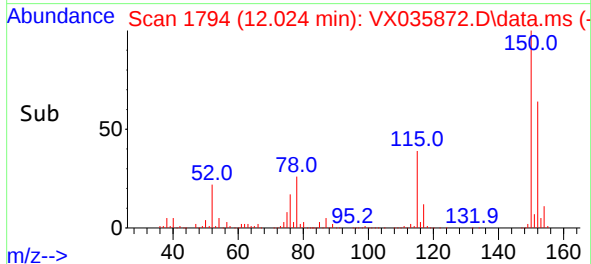
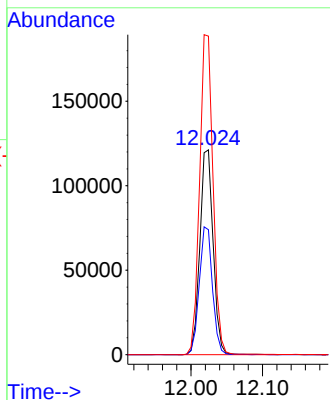
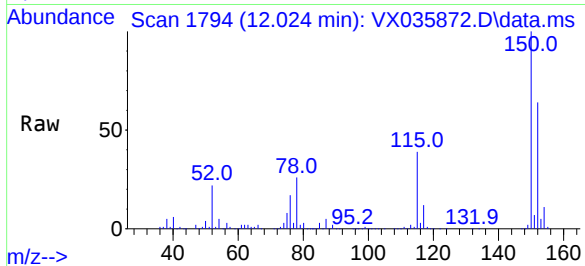




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

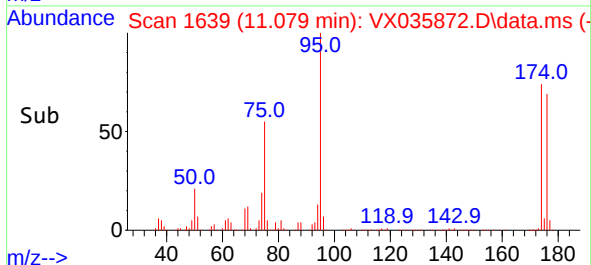
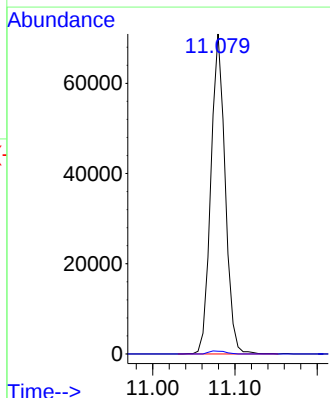
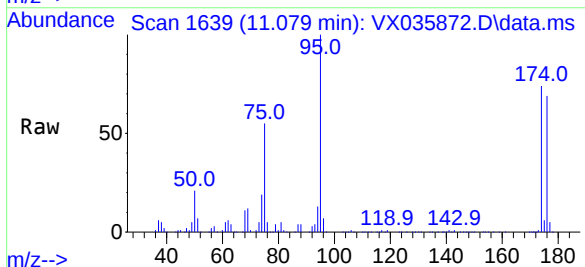
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230522

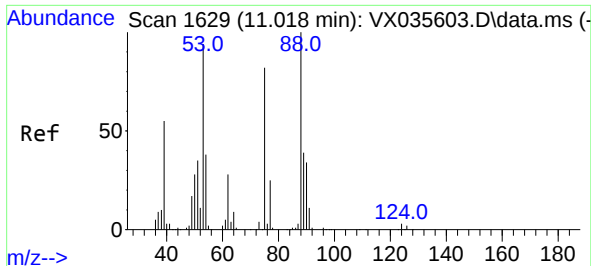
Tgt Ion:152 Resp: 156275
Ion Ratio Lower Upper
152 100
115 62.1 45.0 135.0
150 157.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 22.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035872.D
Acq: 25 May 2023 22:34

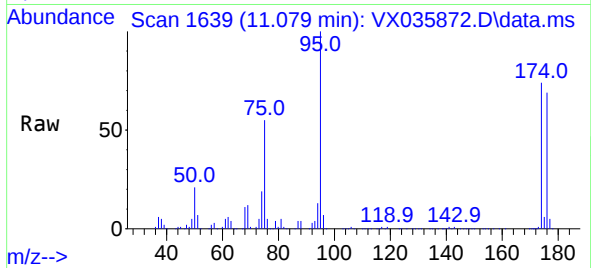
Tgt Ion: 75 Resp: 85902
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.426 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035872.D
 Acq: 25 May 2023 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230522



Tgt Ion: 75 Resp: 85902
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

