

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040363.D
 Acq On : 20 Feb 2024 17:42
 Operator : JC/MD
 Sample : P1520-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20240215

Quant Time: Feb 21 01:16:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

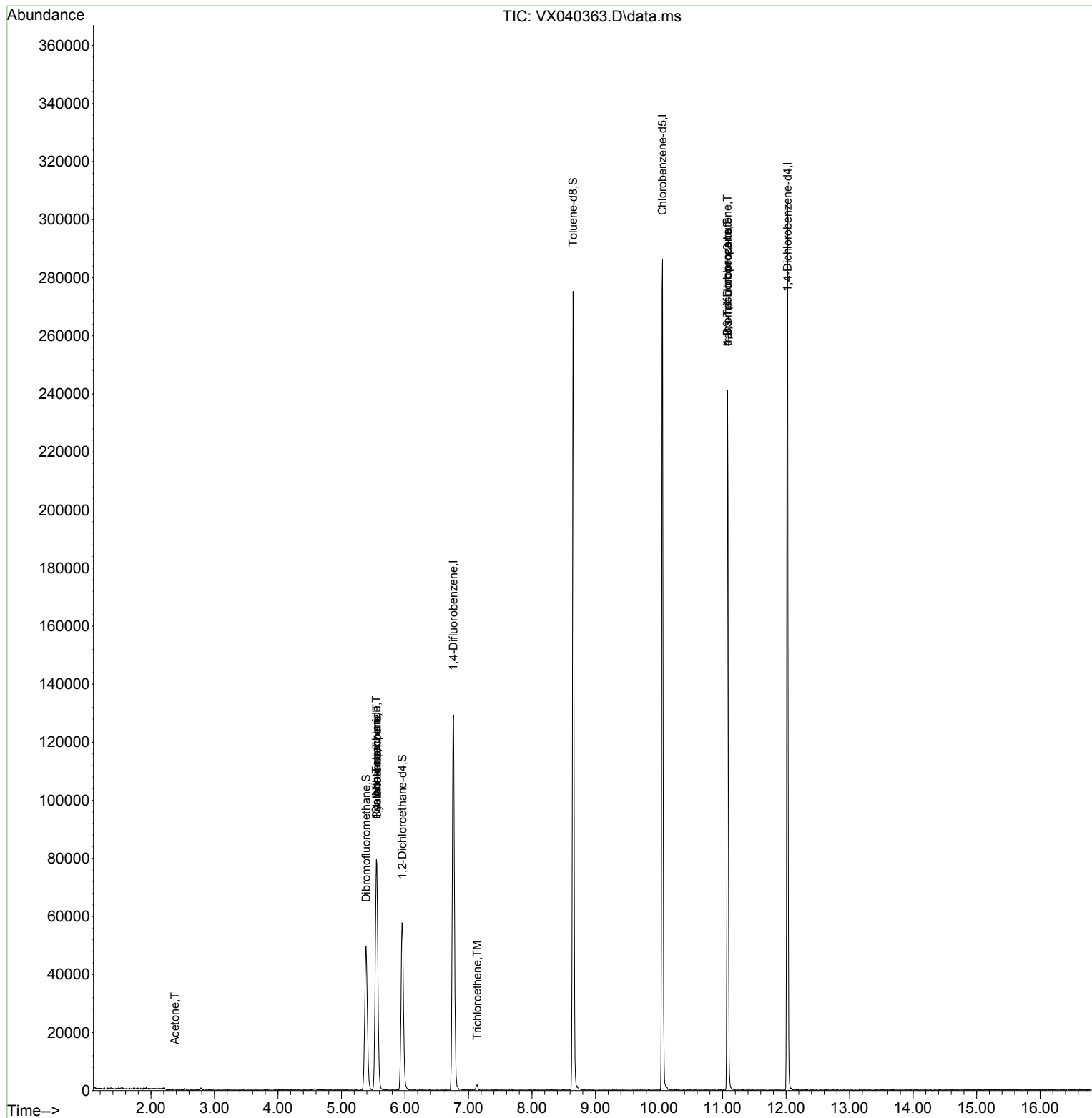
Internal Standards						
1) Pentafluorobenzene	5.556	168	70718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56886	54.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.140%
35) Dibromofluoromethane	5.385	113	42531	47.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	8.647	98	157884	47.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.260%
62) 4-Bromofluorobenzene	11.079	95	61175	45.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	304	0.704	ug/l #	69
20) Methylene Chloride	2.788	84	324	Below Cal	#	60
31) Cyclohexane	5.556	56	2081	1.658	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	6689	5.388	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7660	6.489	ug/l #	16
44) Trichloroethene	7.135	130	764	0.798	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	33878	27.244	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33878	74.623	ug/l #	5

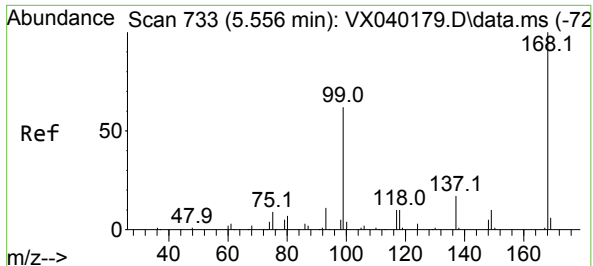
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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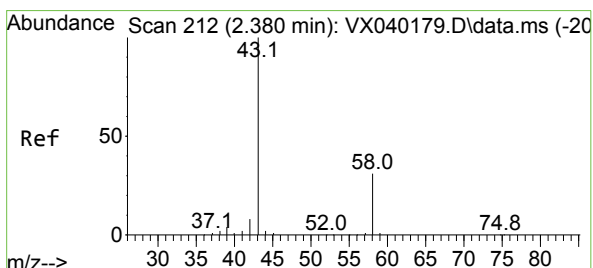
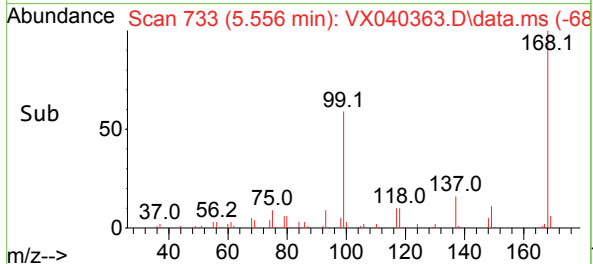
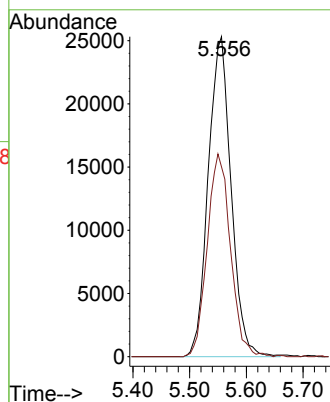
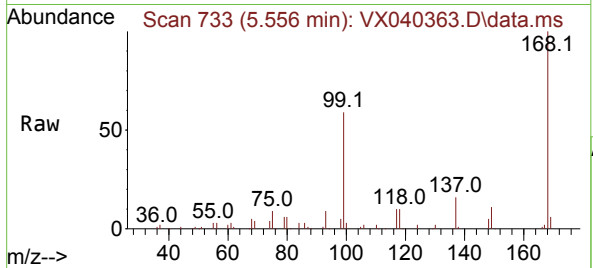




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

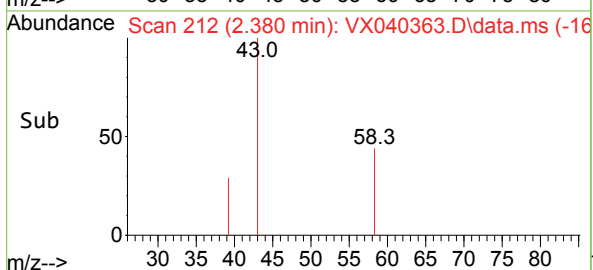
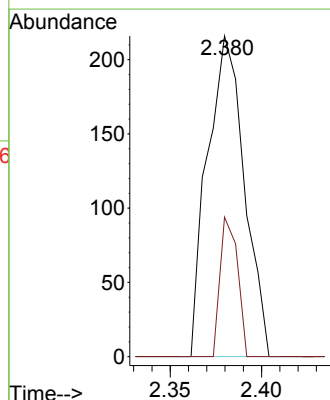
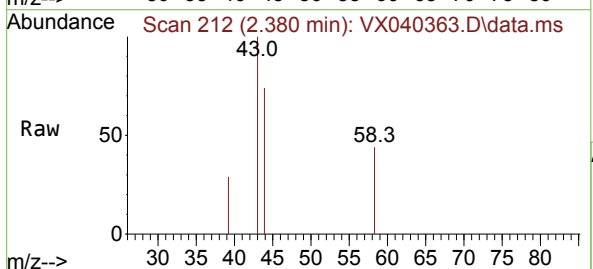
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215

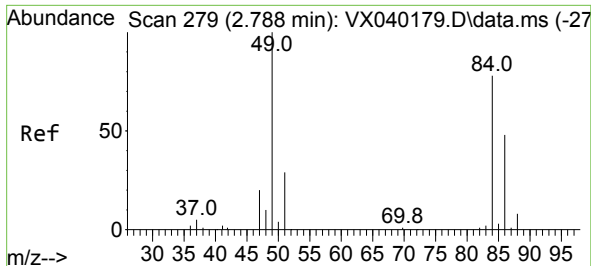
Tgt Ion:168 Resp: 70718
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 0.704 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

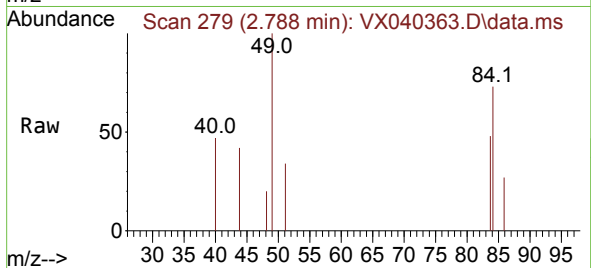
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
58 43.5 21.9 32.9#





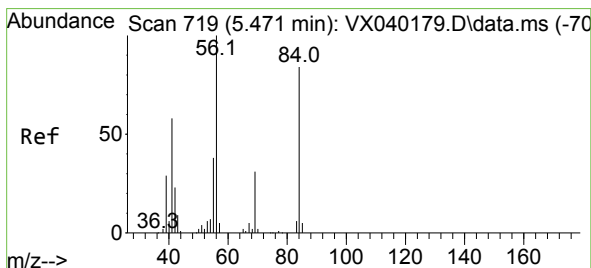
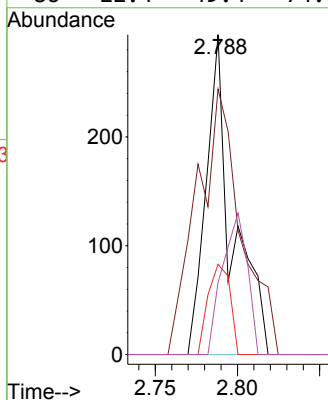
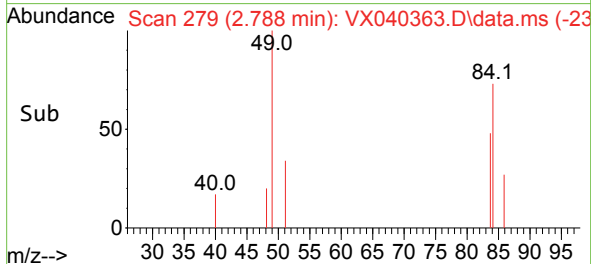
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215



Tgt Ion: 84 Resp: 324

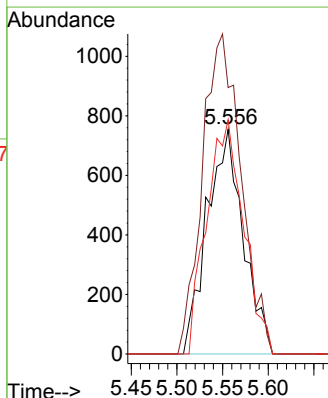
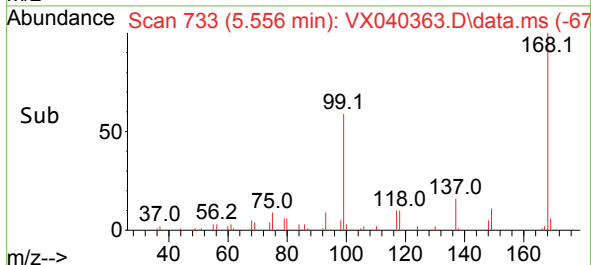
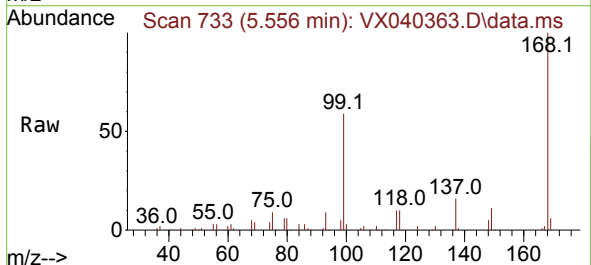
Ion	Ratio	Lower	Upper
84	100		
49	83.0	103.6	155.4#
51	28.2	33.8	50.6#
86	22.4	49.4	74.0#

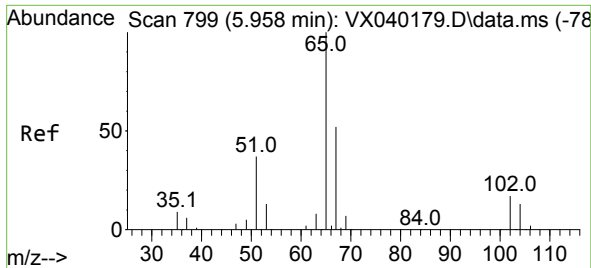


#31
Cyclohexane
Concen: 1.658 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion: 56 Resp: 2081

Ion	Ratio	Lower	Upper
56	100		
69	118.5	23.4	35.2#
84	104.2	65.9	98.9#

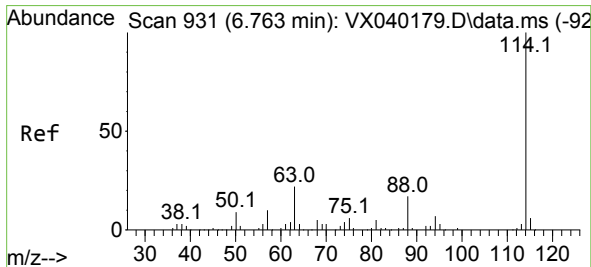
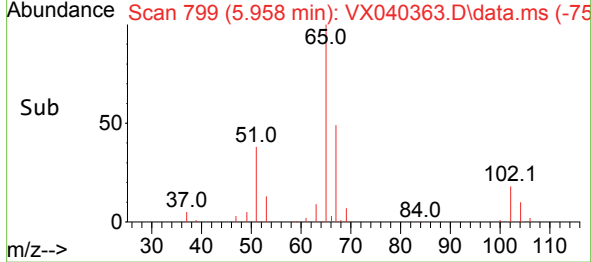
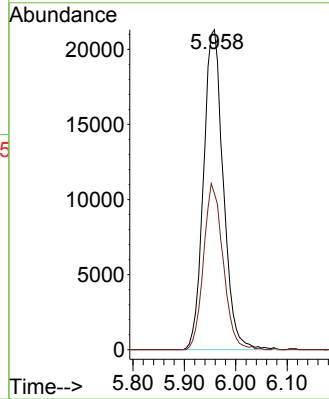
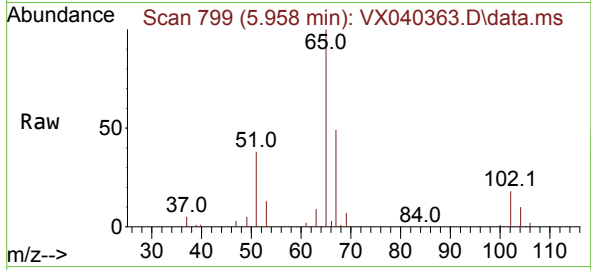




#33
1,2-Dichloroethane-d4
Concen: 54.070 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

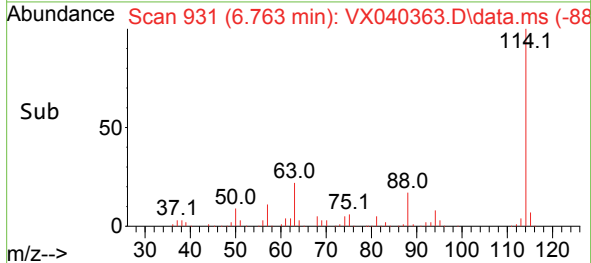
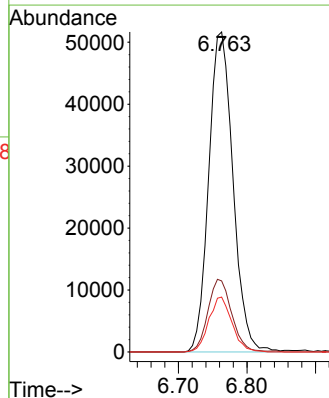
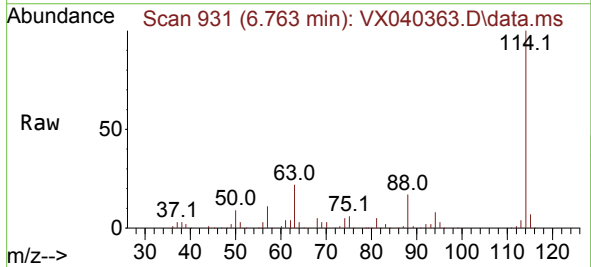
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215

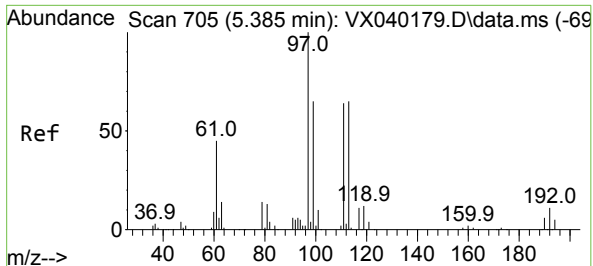
Tgt Ion: 65 Resp: 56886
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion: 114 Resp: 126905
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 17.1 0.0 36.6

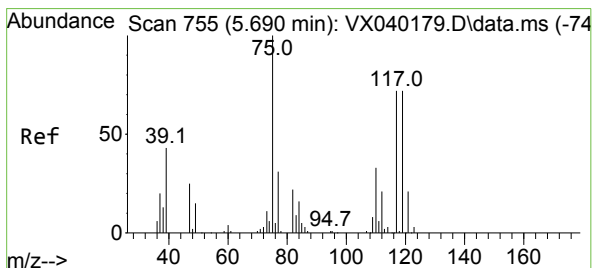
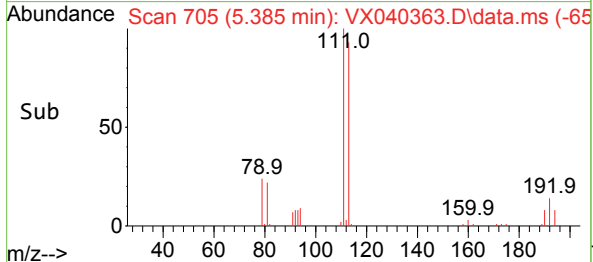
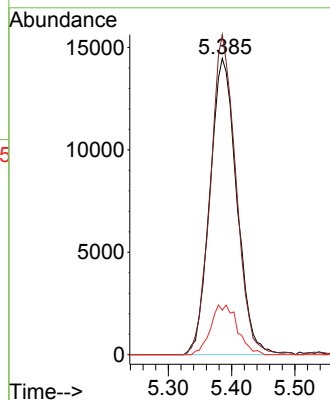
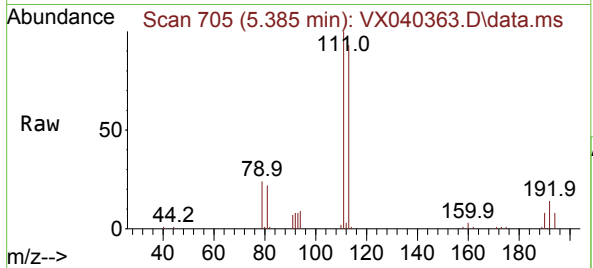




#35
Dibromofluoromethane
Concen: 47.991 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

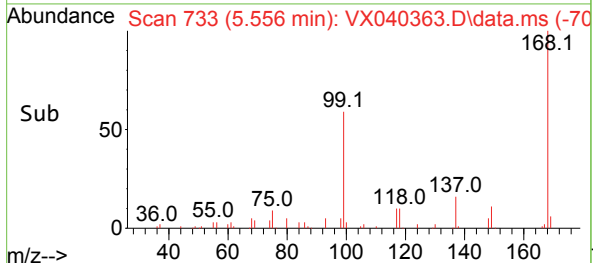
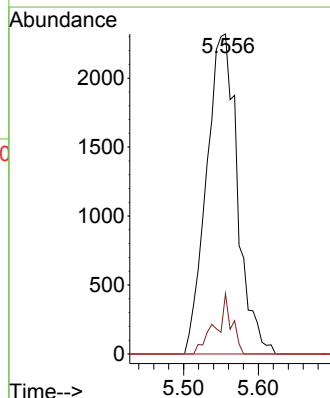
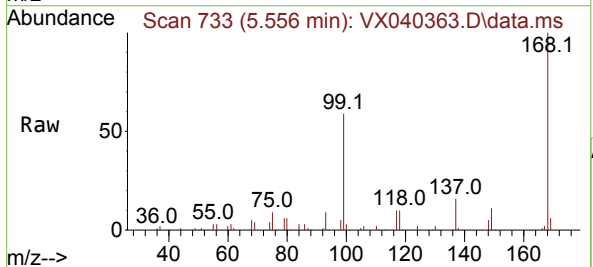
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215

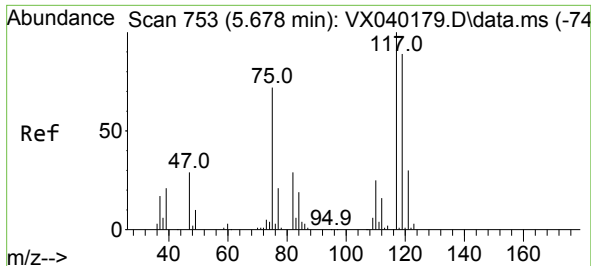
Tgt Ion:113 Resp: 42531
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

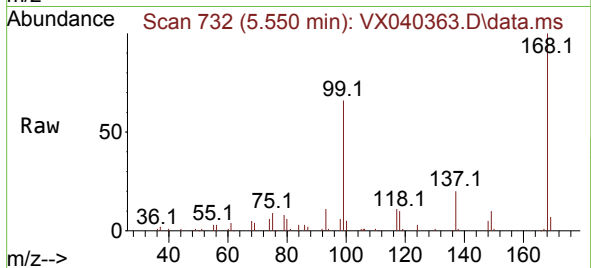
Tgt Ion: 75 Resp: 6689
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



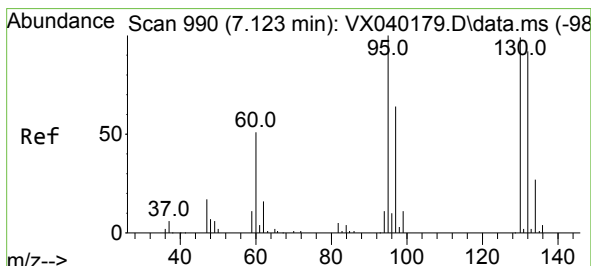
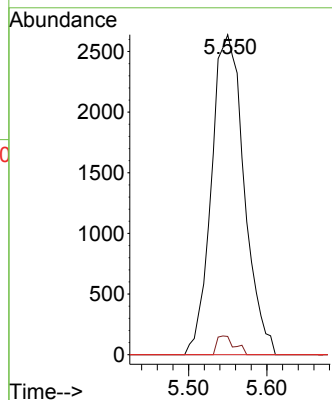
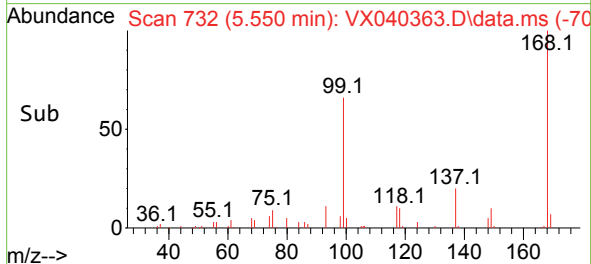


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215

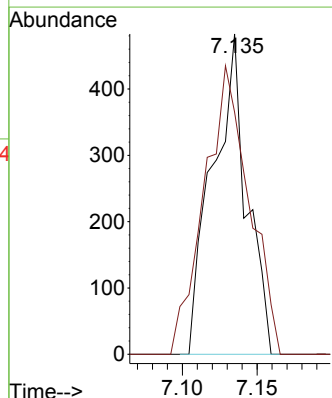
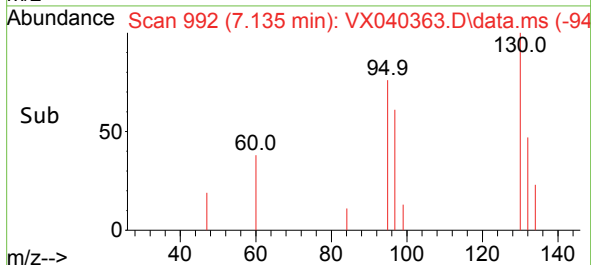
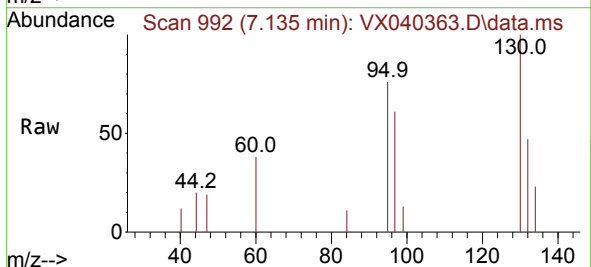


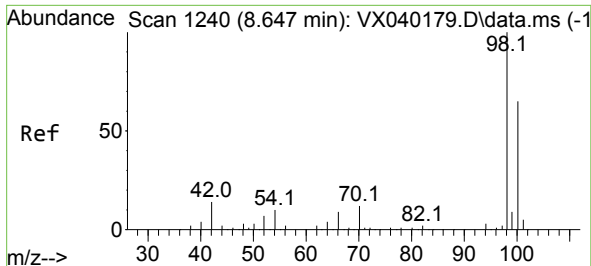
Tgt Ion:117 Resp: 7660
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.798 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion:130 Resp: 764
Ion Ratio Lower Upper
130 100
95 75.6 0.0 204.4

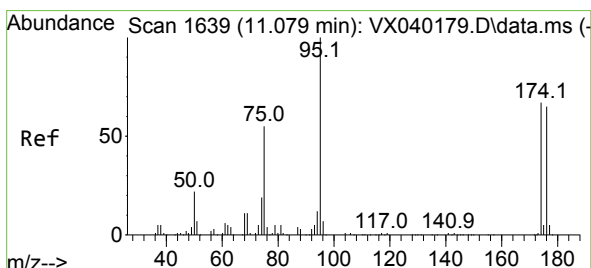
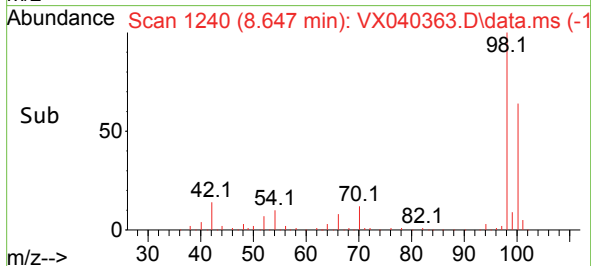
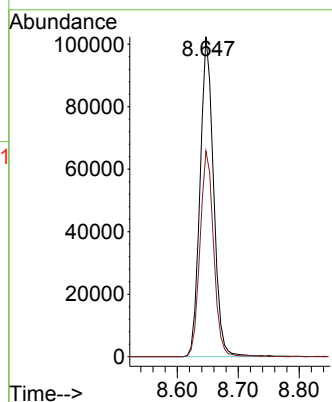
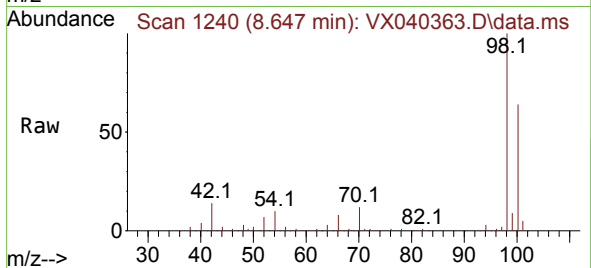




#50
Toluene-d8
Concen: 47.625 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

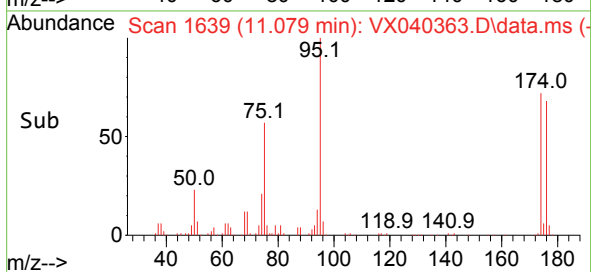
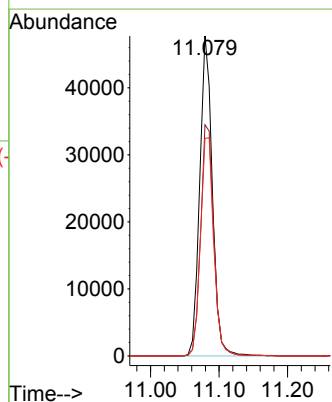
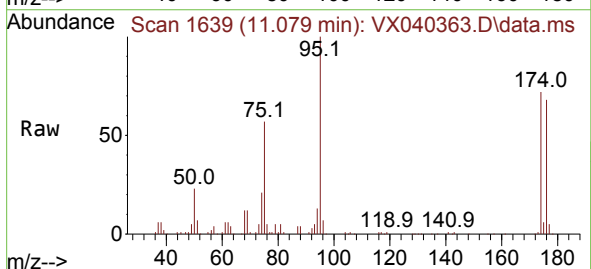
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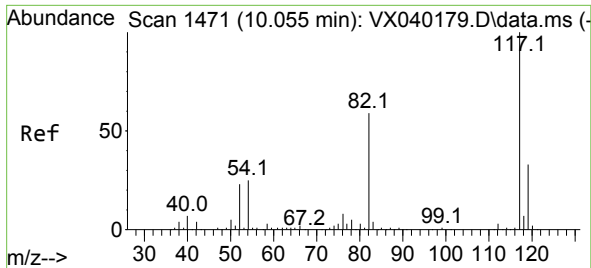
Tgt Ion: 98 Resp: 157884
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion: 95 Resp: 61175
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 71.9 0.0 131.0

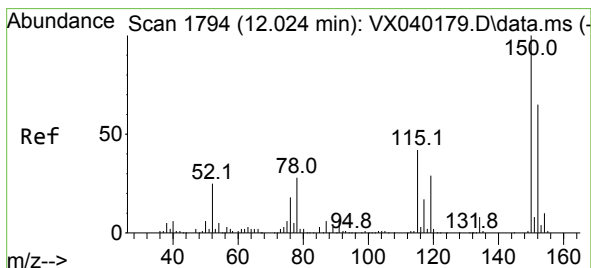
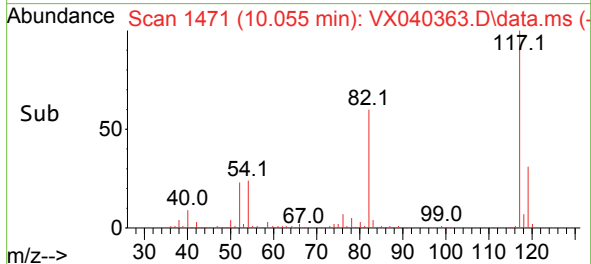
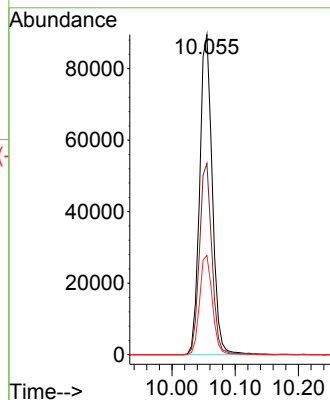
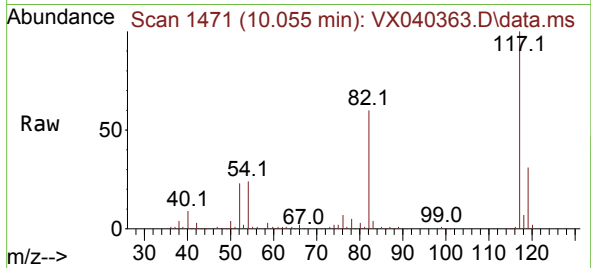




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

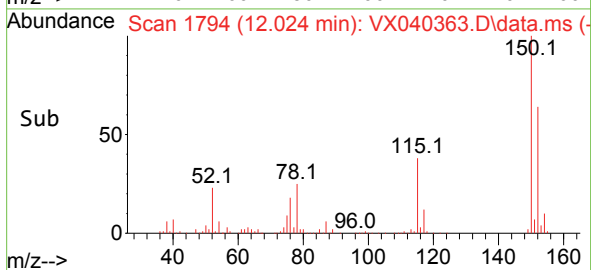
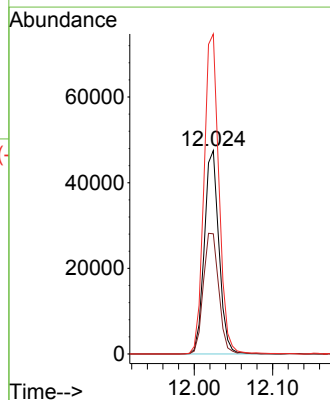
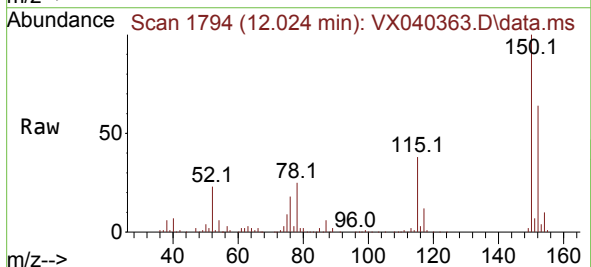
Instrument :
MSVOA_X
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DUP04-20240215

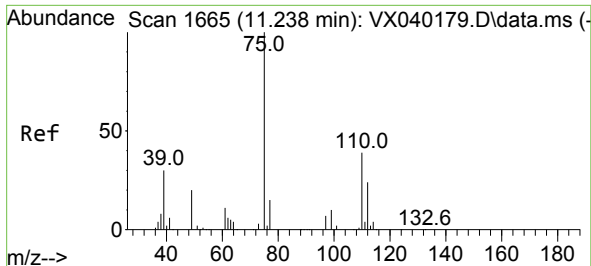
Tgt Ion:117 Resp: 124444
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion:152 Resp: 61406
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 161.2 0.0 345.0

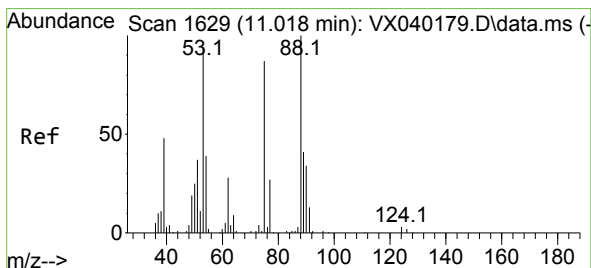
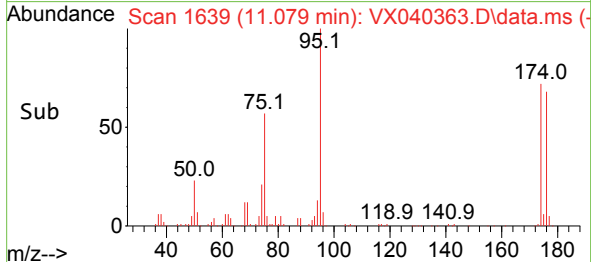
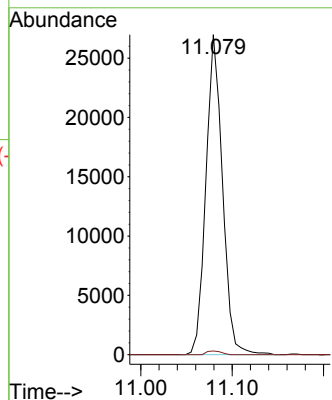
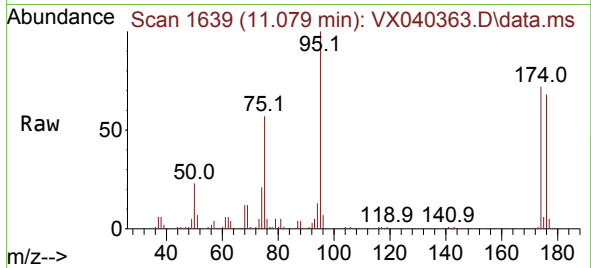




#76
1,2,3-Trichloropropane
Concen: 27.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20240215

Tgt Ion: 75 Resp: 33878
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.623 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040363.D
Acq: 20 Feb 2024 17:42

Tgt Ion: 75 Resp: 33878
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

