

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040364.D
 Acq On : 20 Feb 2024 18:04
 Operator : JC/MD
 Sample : P1520-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20240216

Quant Time: Feb 21 01:17:14 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)

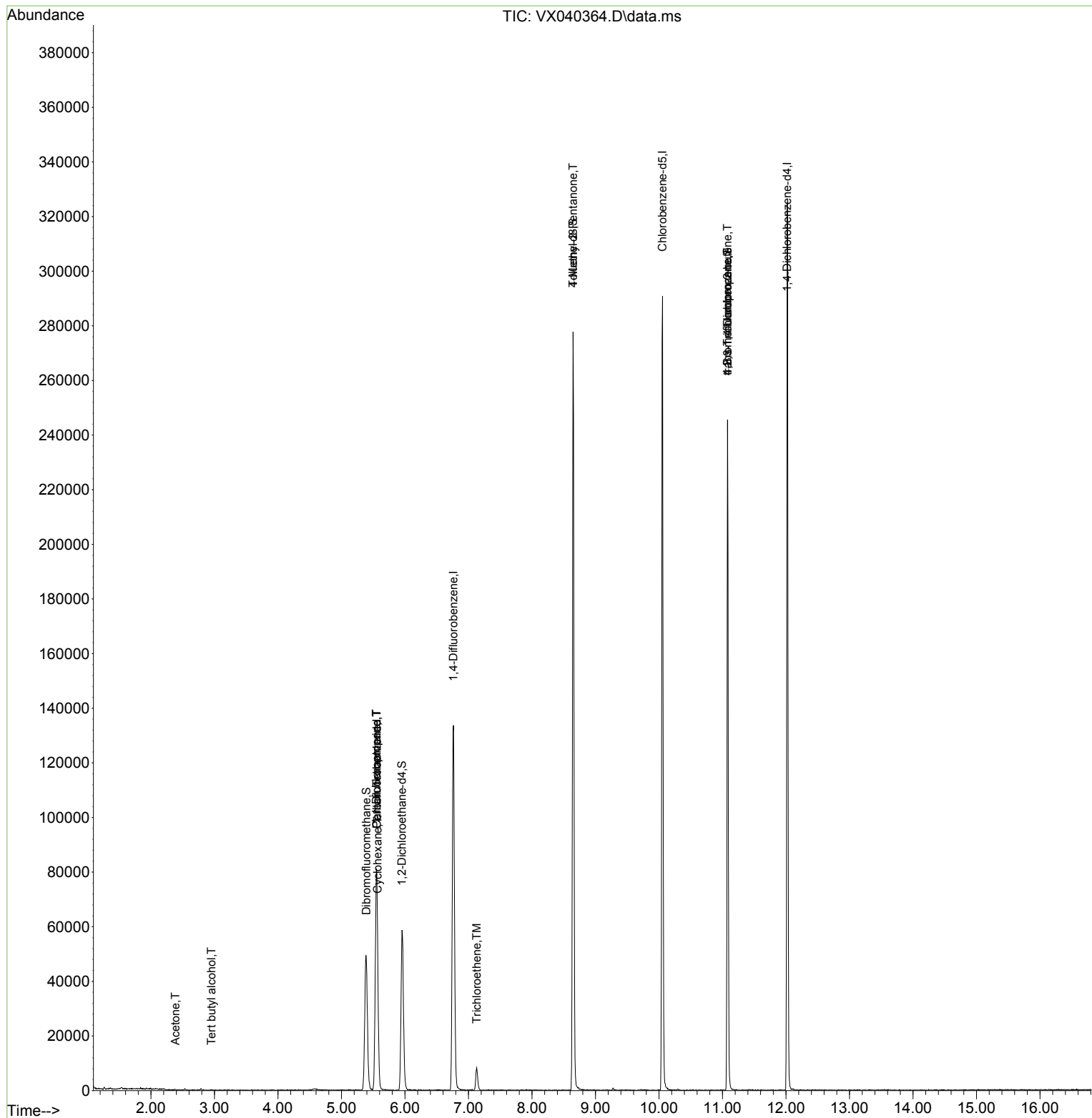
Internal Standards						
1) Pentafluorobenzene	5.556	168	73094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57367	52.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.520%	
35) Dibromofluoromethane	5.391	113	43155	47.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.420%	
50) Toluene-d8	8.647	98	162613	47.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	11.079	95	62478	44.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	87	0.411	ug/l #	78
16) Acetone	2.386	43	264	0.591	ug/l #	47
20) Methylene Chloride	2.788	84	244	Below Cal	#	71
31) Cyclohexane	5.568	56	1862	1.436	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	6883	5.375	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8053	6.614	ug/l #	13
44) Trichloroethene	7.129	130	3001	3.038	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	760	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34823	27.225	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34823	74.573	ug/l #	5

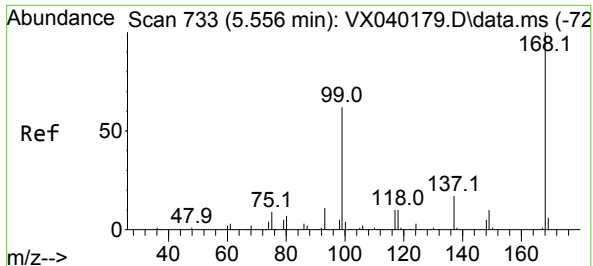
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
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Quant Time: Feb 21 01:17:14 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

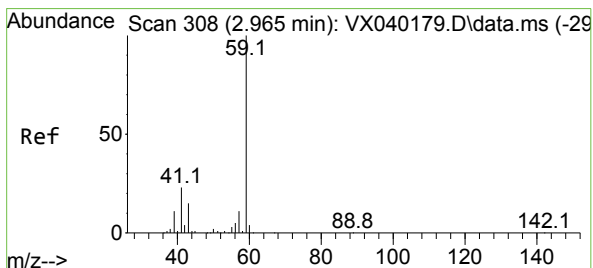
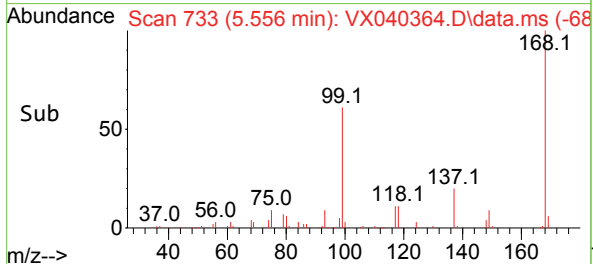
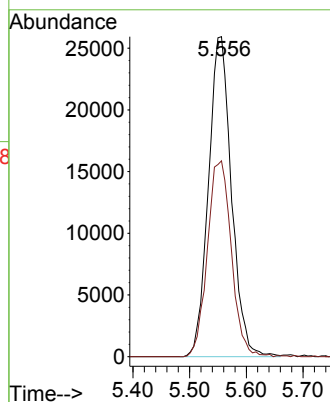
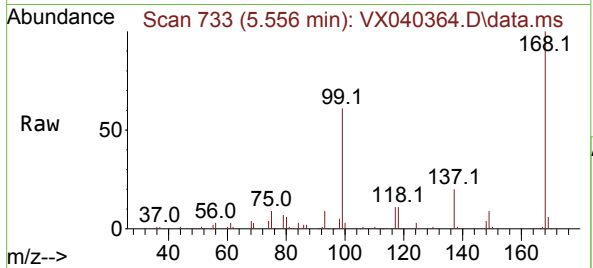




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

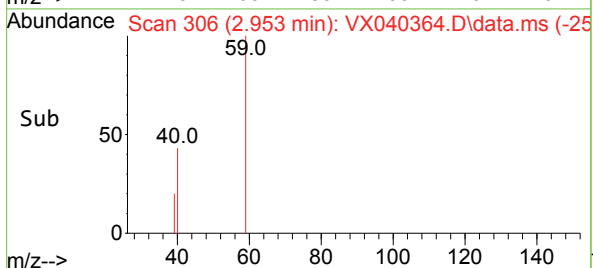
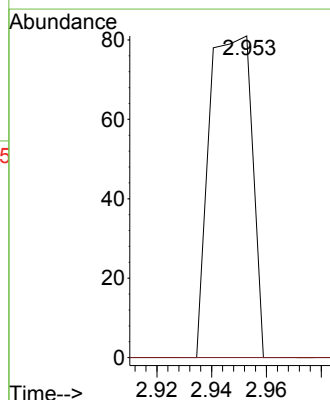
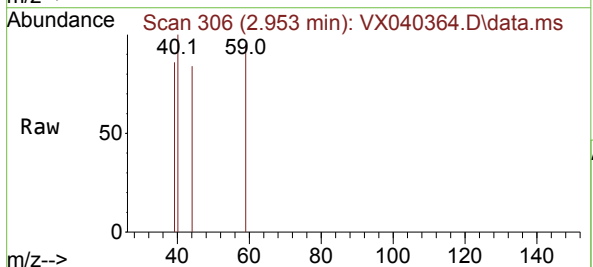
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

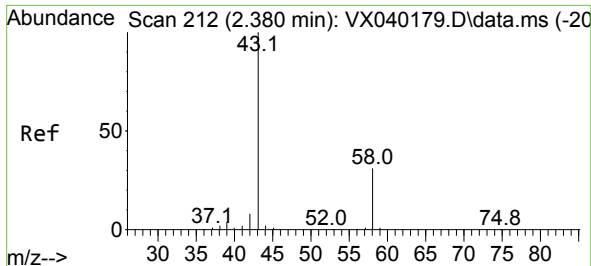
Tgt Ion:168 Resp: 73094
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.411 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

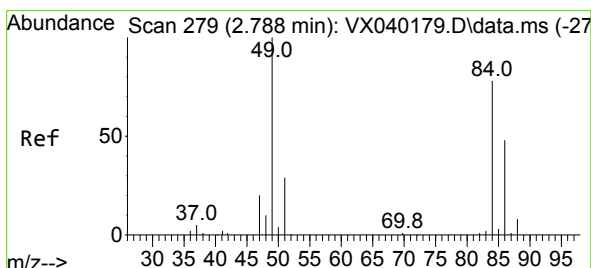
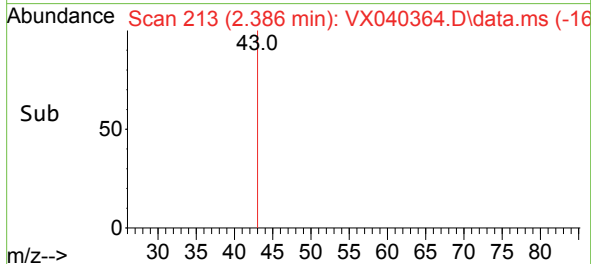
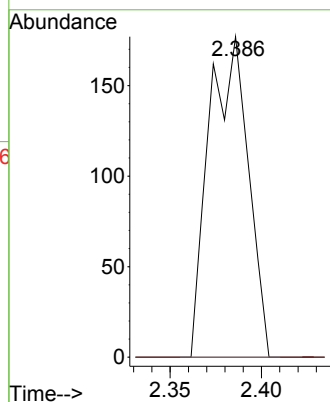
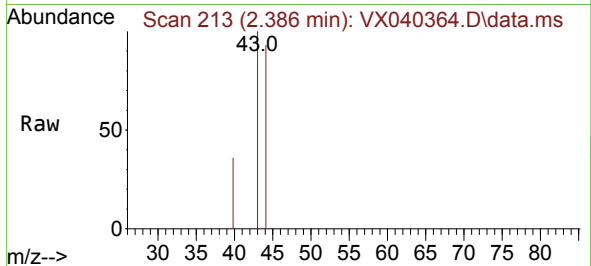




#16
Acetone
Concen: 0.591 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

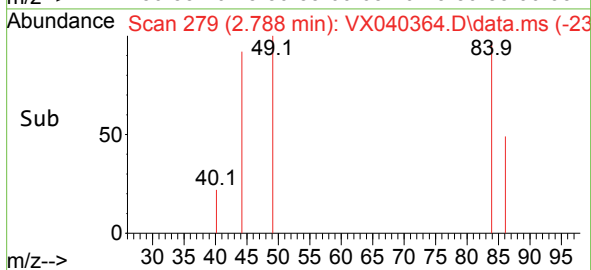
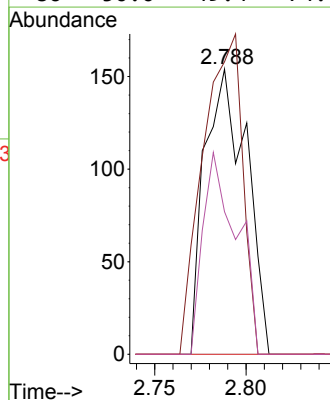
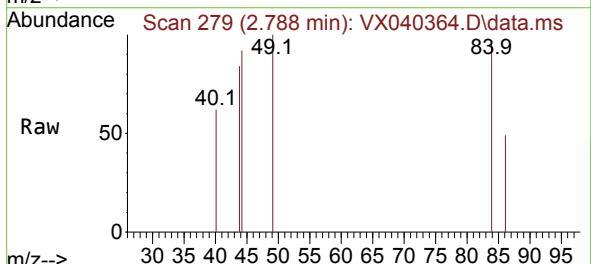
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

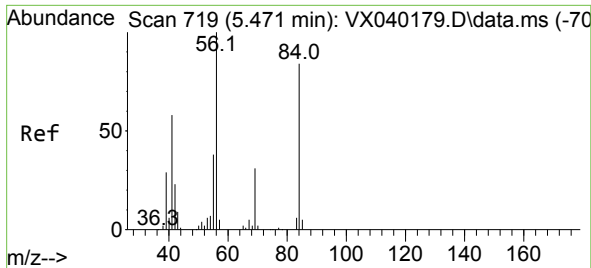
Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

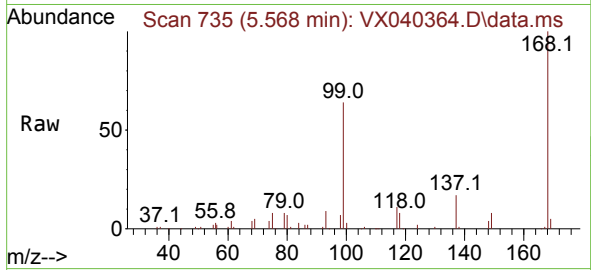
Tgt Ion: 84 Resp: 244
Ion Ratio Lower Upper
84 100
49 102.6 103.6 155.4#
51 0.0 33.8 50.6#
86 50.0 49.4 74.0



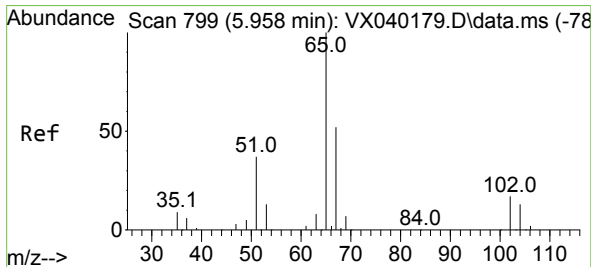
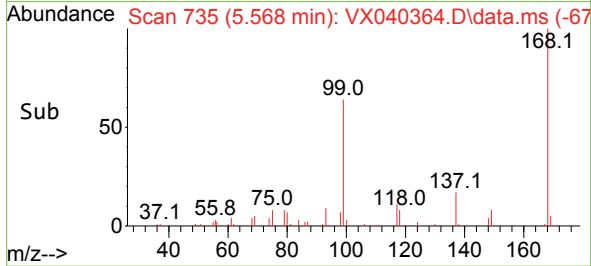
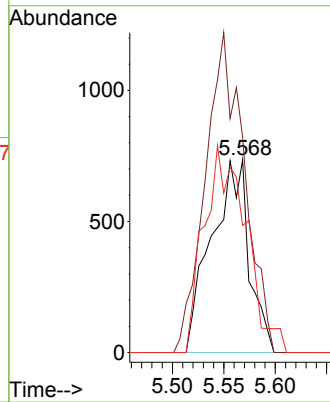


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

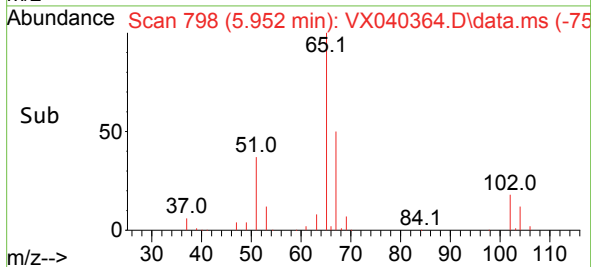
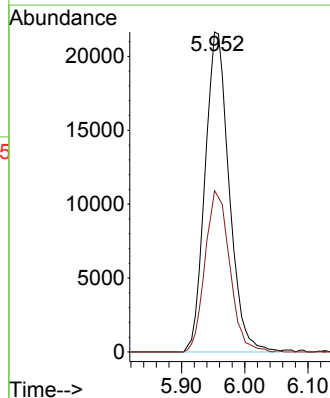
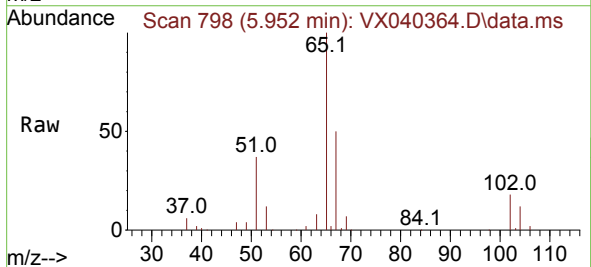


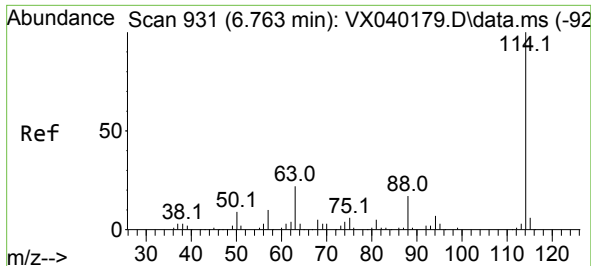
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 112.0 23.4 35.2#
84 66.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 52.755 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion: 65 Resp: 57367
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

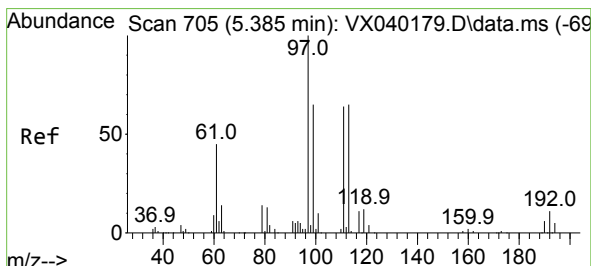
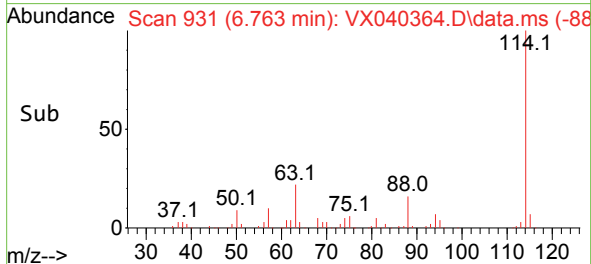
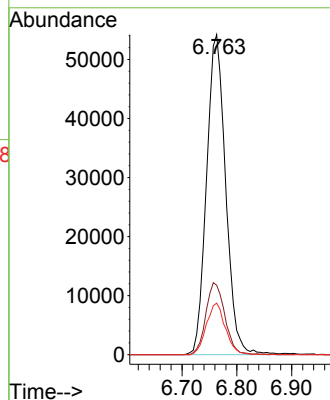
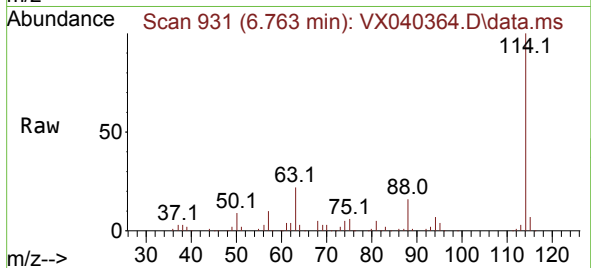




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

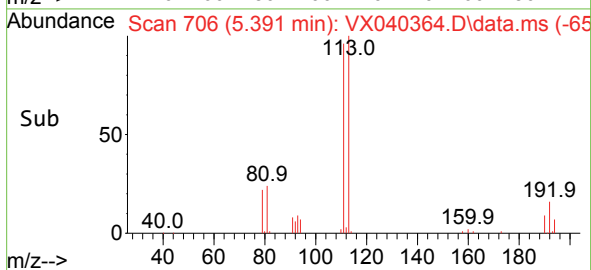
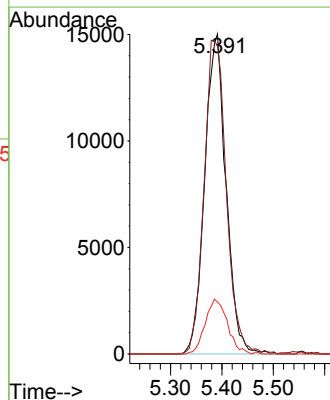
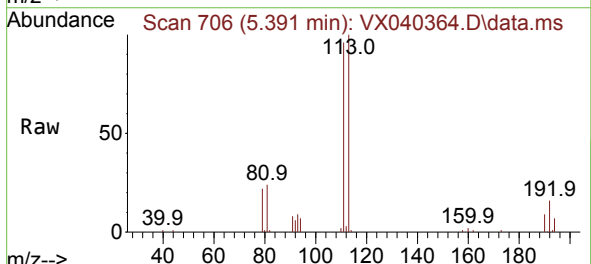
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

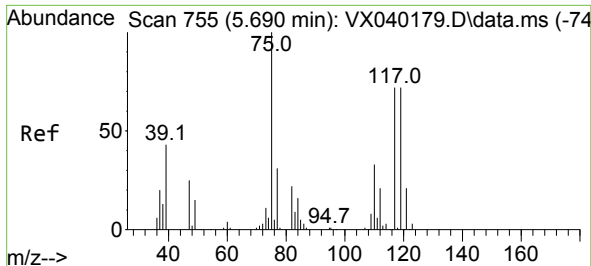
Tgt Ion:114 Resp: 130899
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.209 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion:113 Resp: 43155
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.9 13.3 19.9

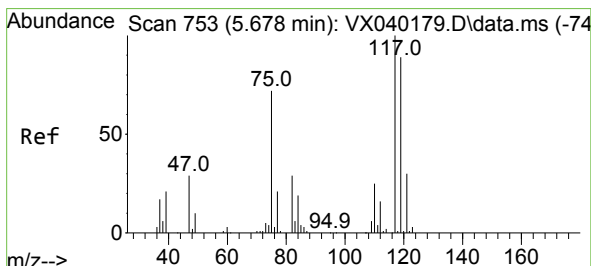
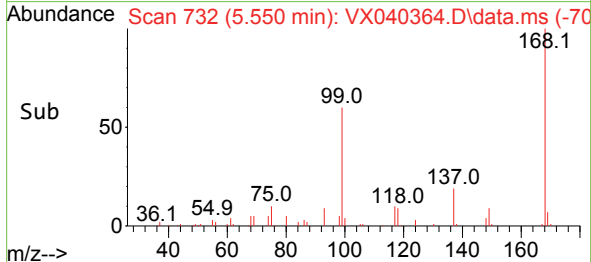
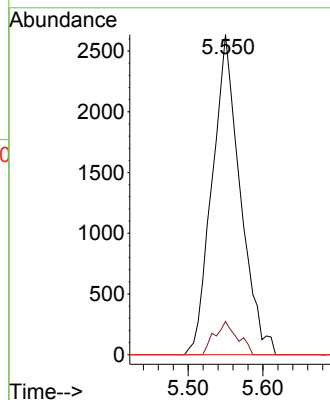
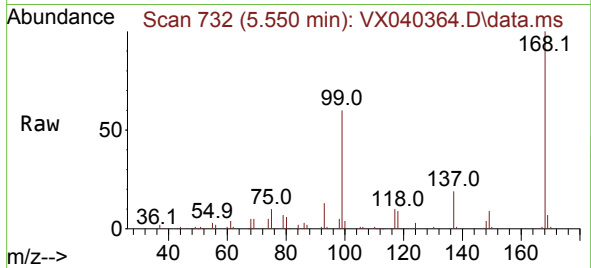




#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

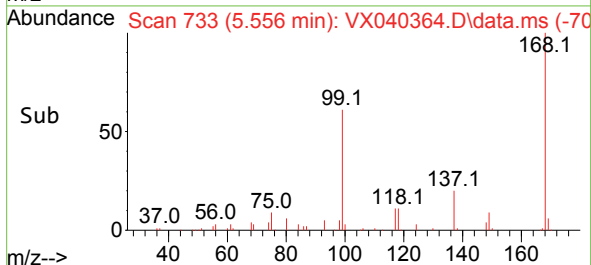
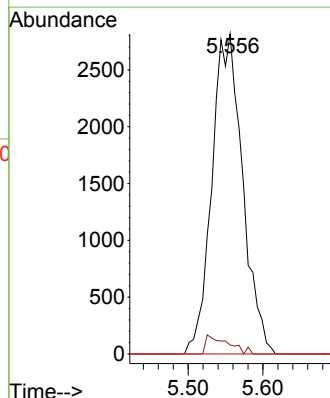
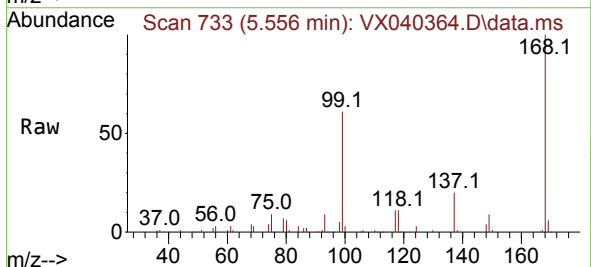
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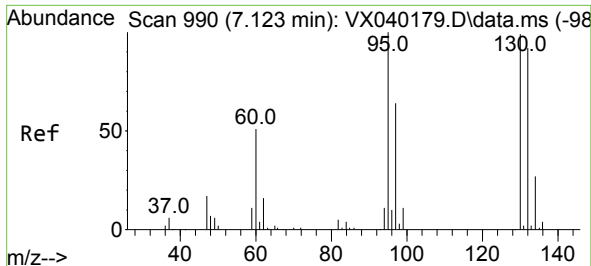
Tgt Ion: 75 Resp: 6883
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.614 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion: 117 Resp: 8053
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#

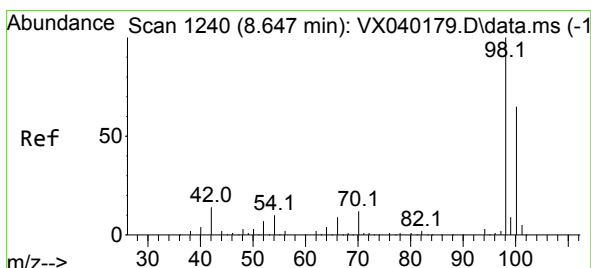
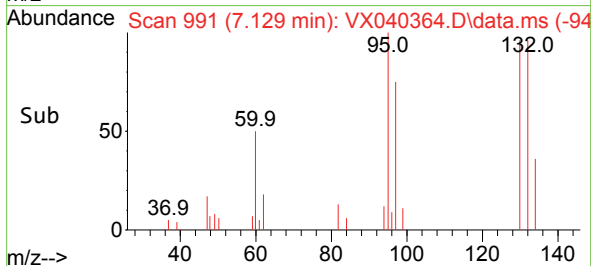
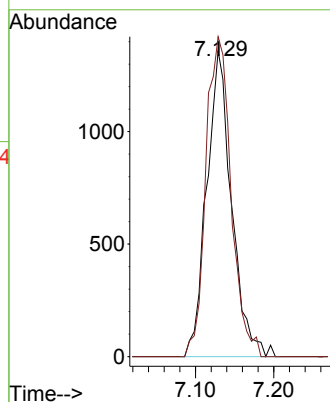
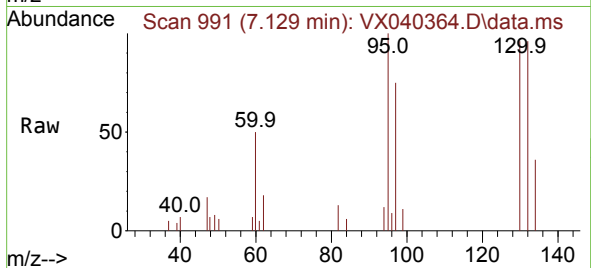




#44
Trichloroethene
Concen: 3.038 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

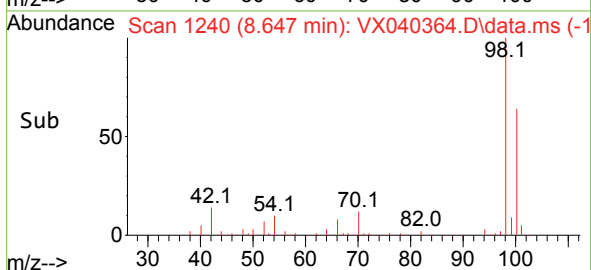
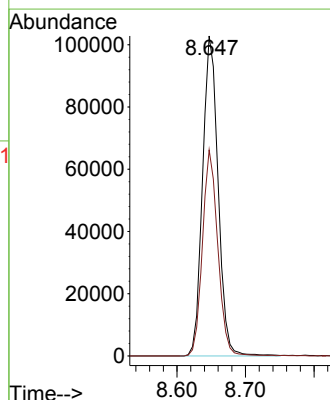
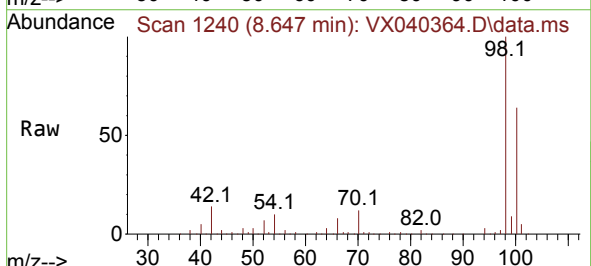
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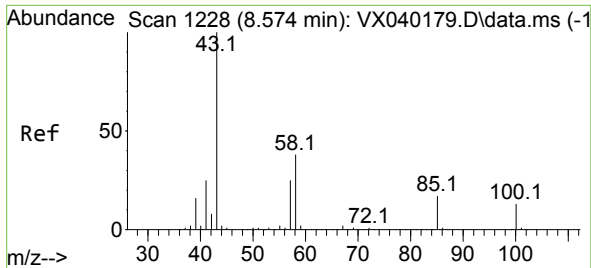
Tgt Ion:130 Resp: 3001
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.4



#50
Toluene-d8
Concen: 47.555 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion: 98 Resp: 162613
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

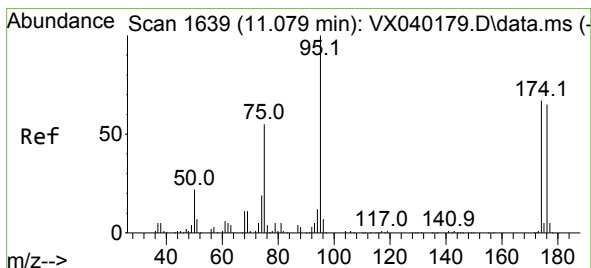
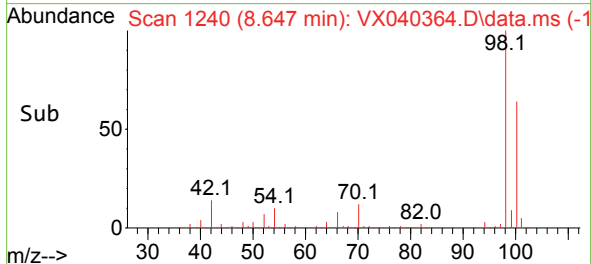
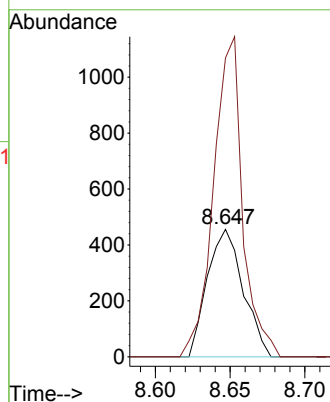
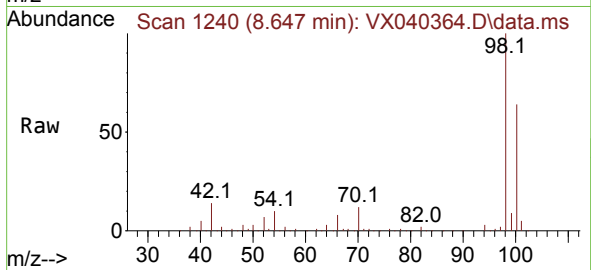




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

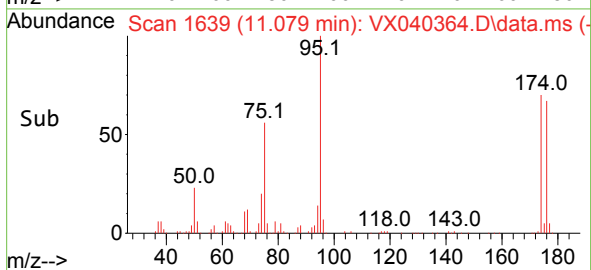
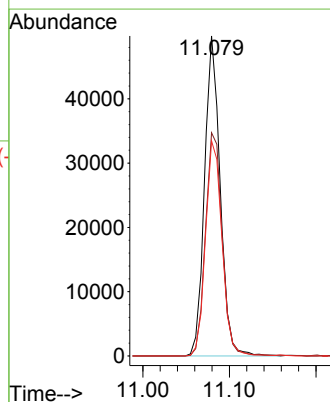
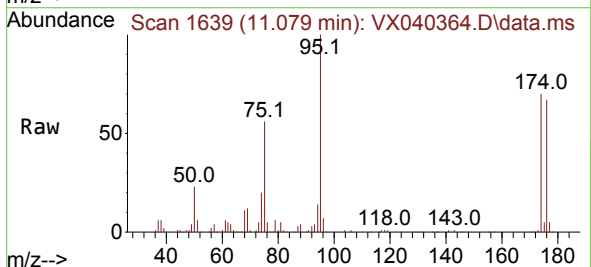
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20240216

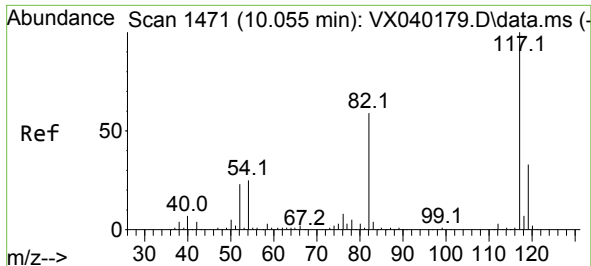
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 203.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion: 95 Resp: 62478
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.0 0.0 131.0

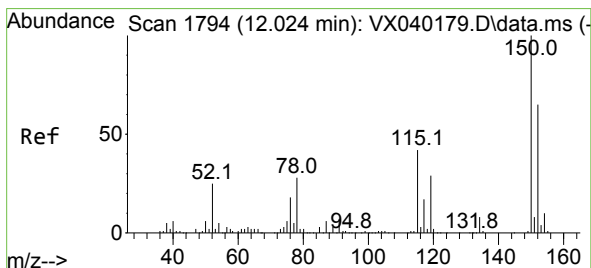
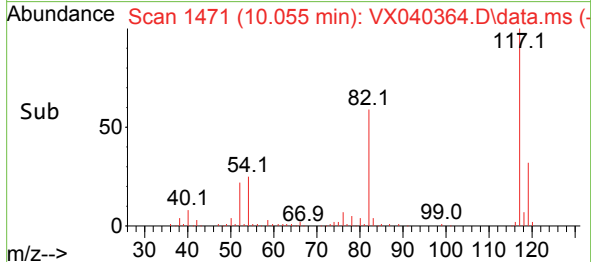
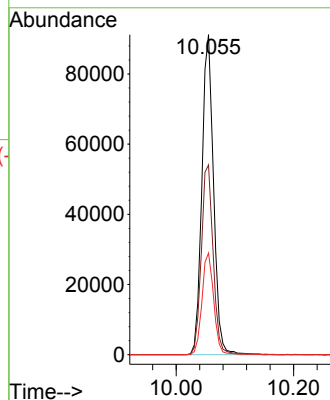
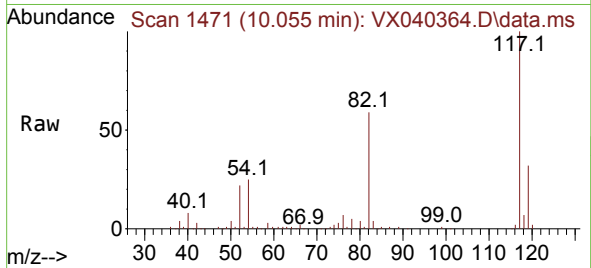




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

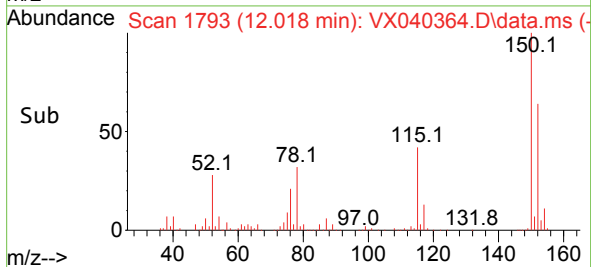
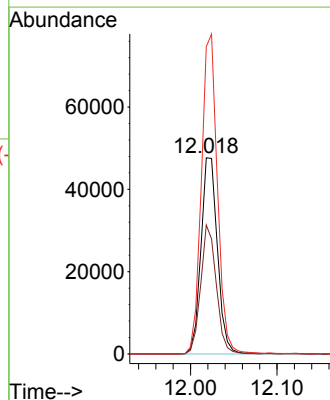
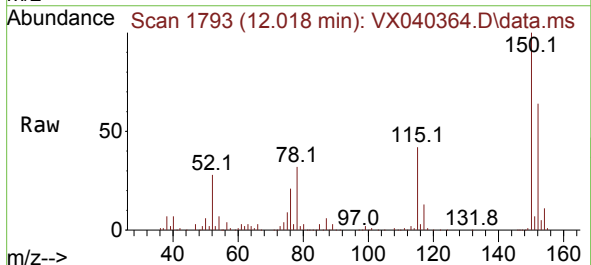
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MSVOA_X
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DUP03-20240216

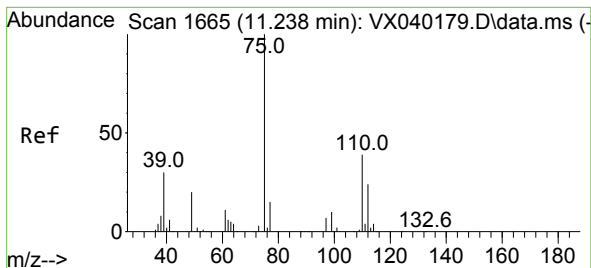
Tgt Ion:117 Resp: 125718
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040364.D
Acq: 20 Feb 2024 18:04

Tgt Ion:152 Resp: 63163
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 158.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.225 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040364.D

Acq: 20 Feb 2024 18:04

Instrument :

MSVOA_X

ClientSampleId :

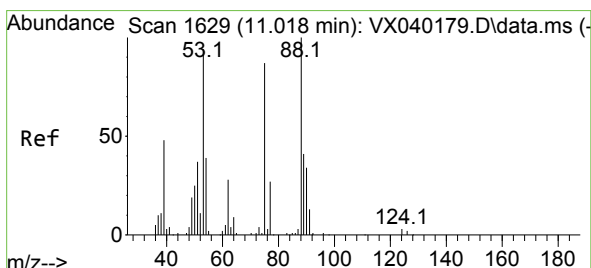
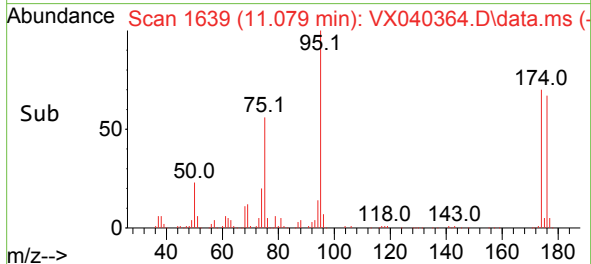
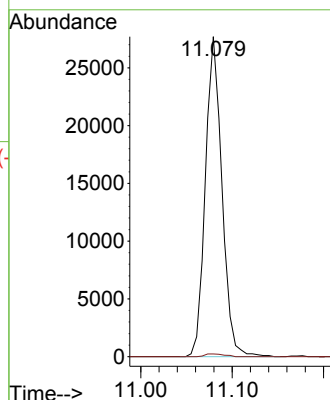
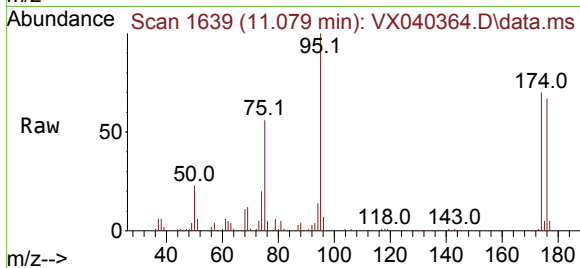
DUP03-20240216

Tgt Ion: 75 Resp: 34823

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040364.D

Acq: 20 Feb 2024 18:04

Tgt Ion: 75 Resp: 34823

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

