

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038884.D
 Acq On : 17 Nov 2023 16:39
 Operator : JC/MD
 Sample : 05404-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20231109

Quant Time: Nov 17 22:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88221	47.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.700%
35) Dibromofluoromethane	5.385	113	74895	44.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.646	98	298986	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	126083	48.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.330	101	120657	84.519	ug/l	98
11) Tert butyl alcohol	2.934	59	1656	3.195	ug/l #	90
12) 1,1-Dichloroethene	2.324	96	1238	0.859	ug/l #	60
13) Acrolein	2.276	56	123	0.449	ug/l #	1
16) Acetone	2.373	43	800	0.807	ug/l	97
20) Methylene Chloride	2.788	84	2068	1.157	ug/l #	83
25) 2-Butanone	4.574	43	733	0.456	ug/l #	51
27) cis-1,2-Dichloroethene	4.495	96	900	0.486	ug/l	75
36) 1,1-Dichloropropene	5.549	75	10302	4.234	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13146	5.846	ug/l #	16
44) Trichloroethene	7.128	130	35775	20.423	ug/l	99
49) 1,4-Dioxane	7.689	88	72	1.514	ug/l #	12
60) Dibromochloromethane	9.274	129	32641	17.228	ug/l #	11
64) Tetrachloroethene	9.274	164	30501	20.459	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	64049	21.081	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64049	46.760	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

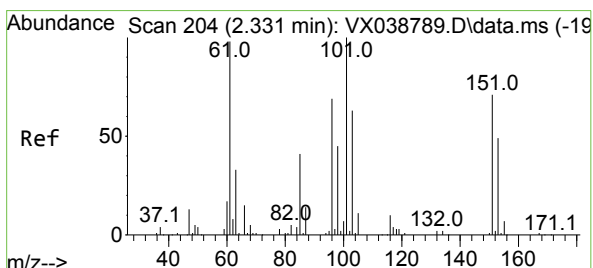
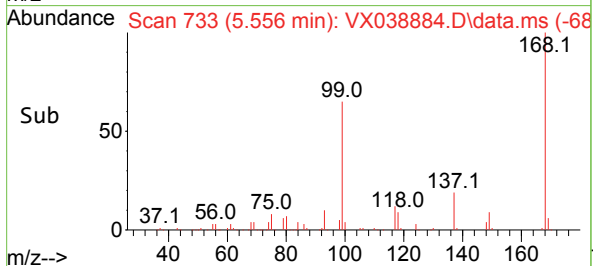
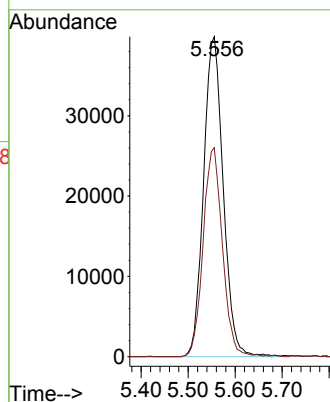
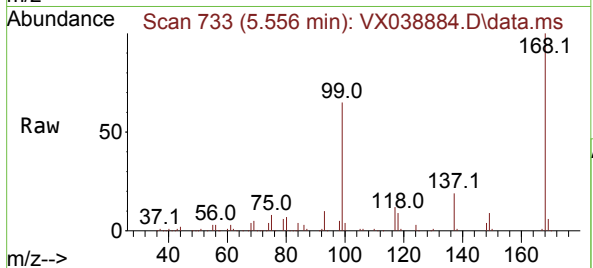




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

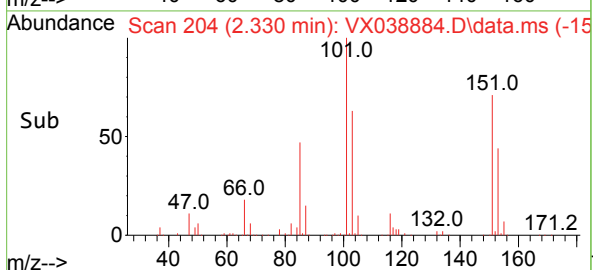
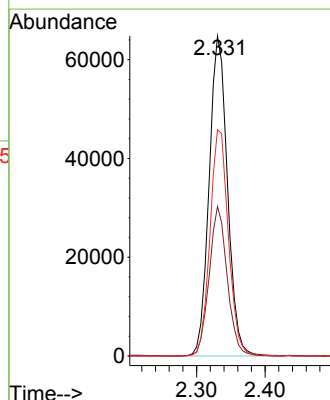
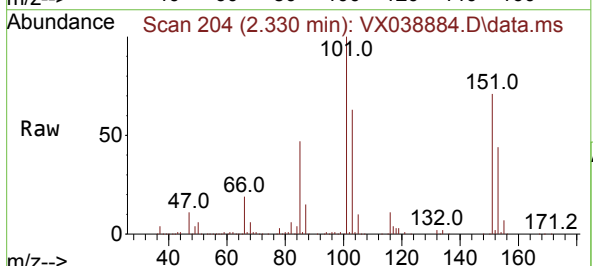
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

Tgt Ion:168 Resp: 115636
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 84.519 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:101 Resp: 120657
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 71.1 58.6 87.8





#11

Tert butyl alcohol

Concen: 3.195 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.019 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

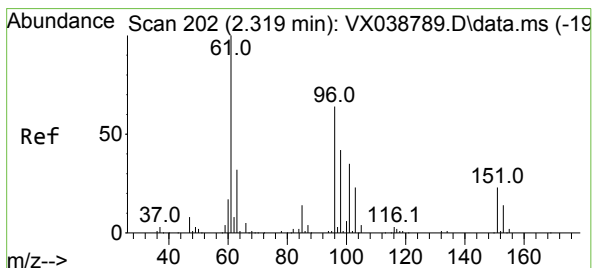
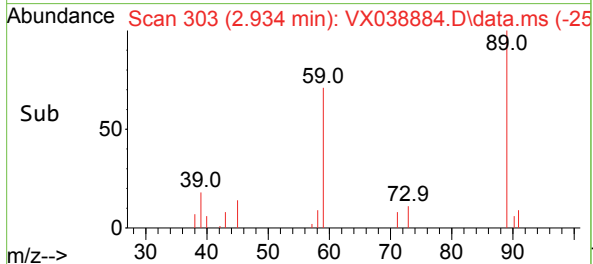
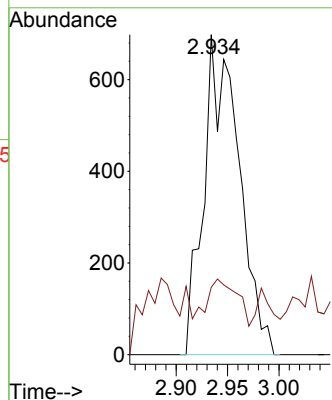
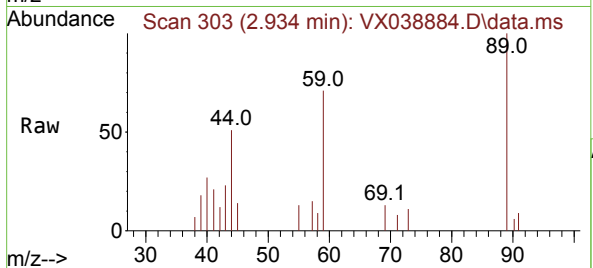
RE134D3-20231109

Tgt Ion: 59 Resp: 1656

Ion Ratio Lower Upper

59 100

57 10.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.859 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

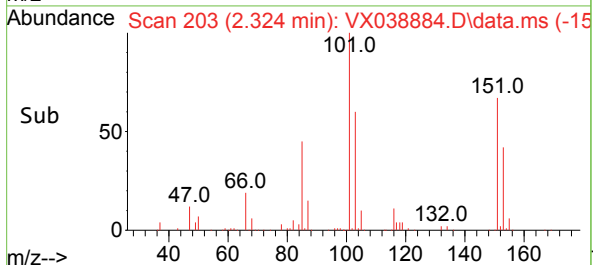
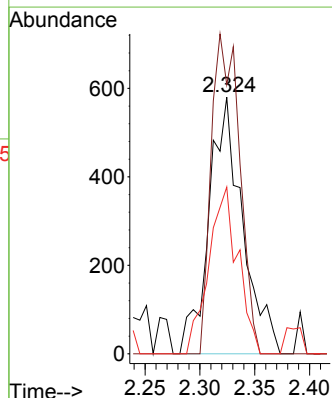
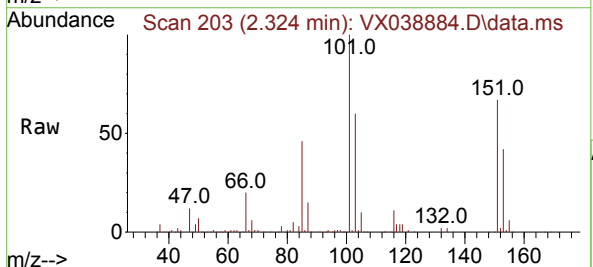
Tgt Ion: 96 Resp: 1238

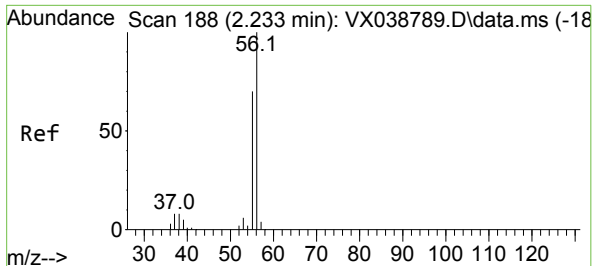
Ion Ratio Lower Upper

96 100

61 104.8 144.6 216.8#

98 65.0 50.4 75.6

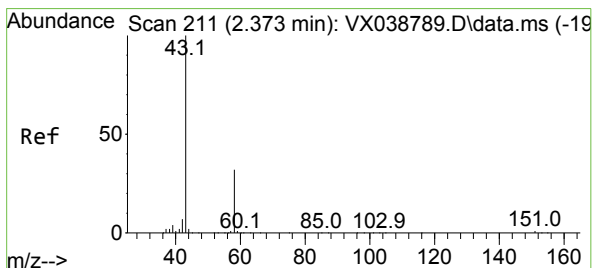
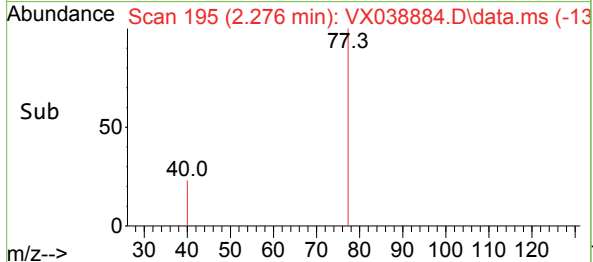
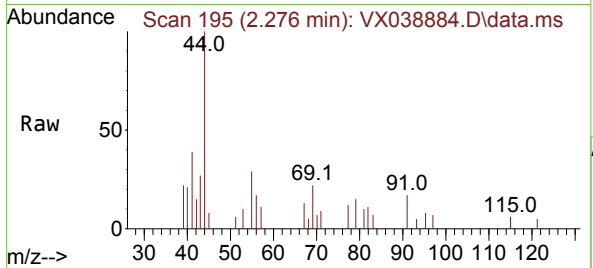




#13
Acrolein
Concen: 0.449 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.042 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

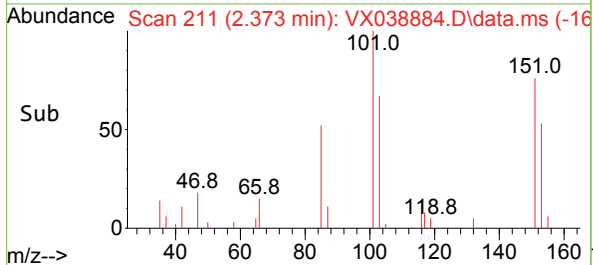
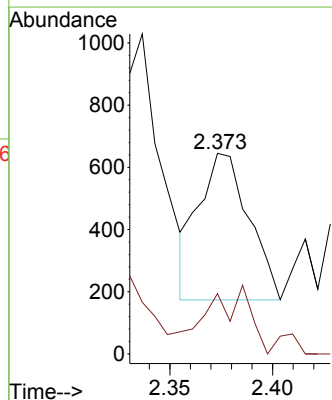
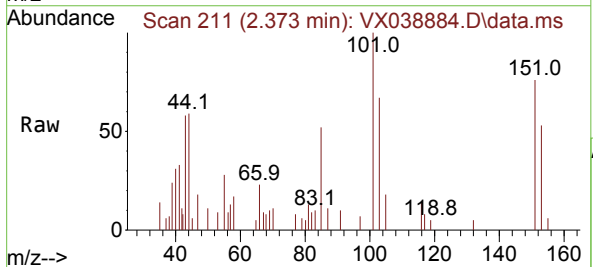
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

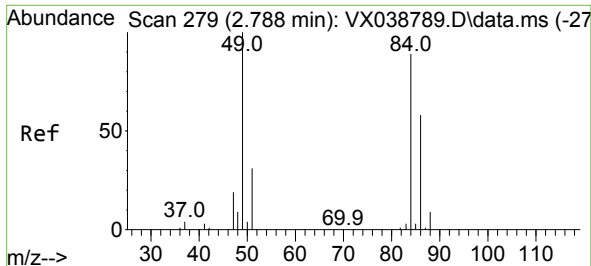
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 431.7 57.1 85.7#



#16
Acetone
Concen: 0.807 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9

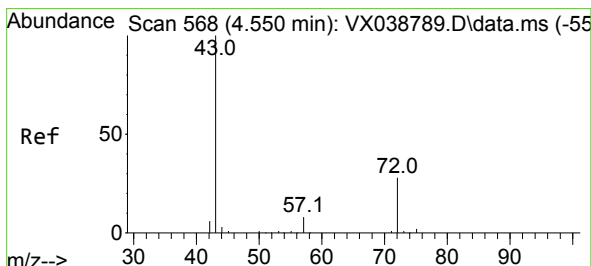
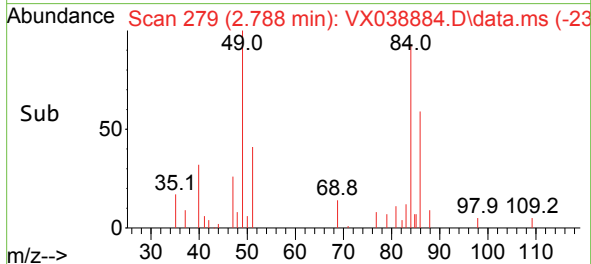
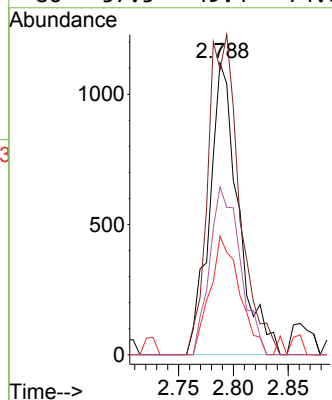
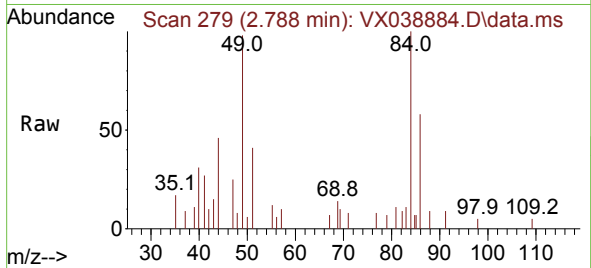




#20
Methylene Chloride
Concen: 1.157 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

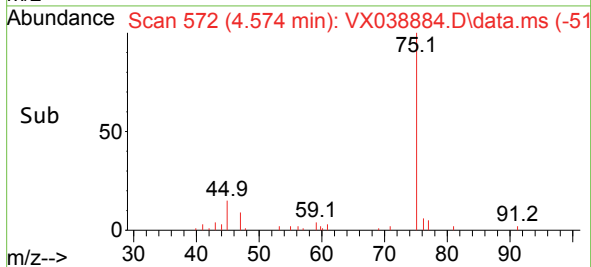
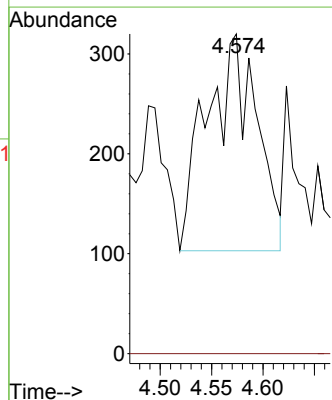
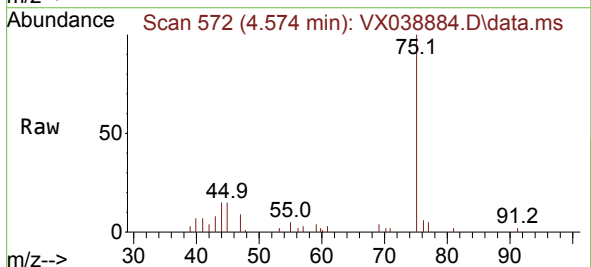
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

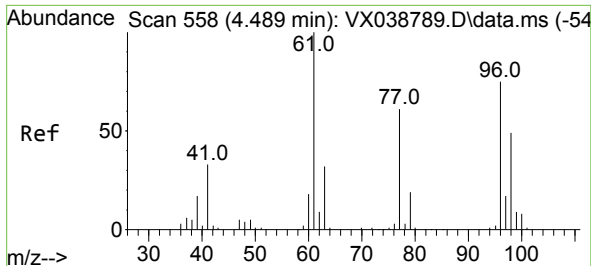
Tgt Ion:	84	Resp:	2068
Ion	Ratio	Lower	Upper
84	100		
49	97.8	103.6	155.4#
51	40.5	33.8	50.6
86	57.5	49.4	74.0



#25
2-Butanone
Concen: 0.456 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:	43	Resp:	733
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

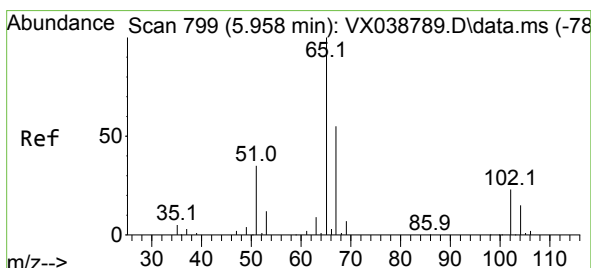
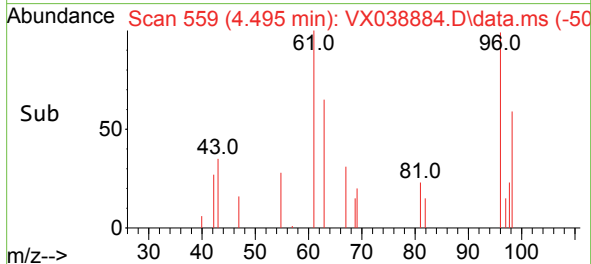
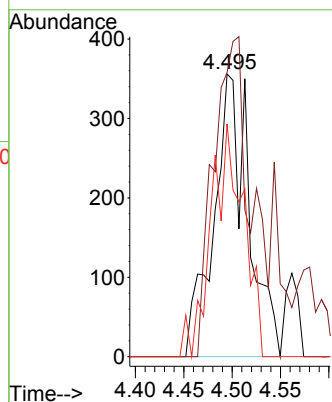
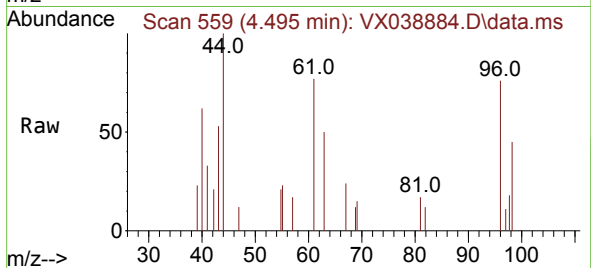




#27
 cis-1,2-Dichloroethene
 Concen: 0.486 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX038884.D
 Acq: 17 Nov 2023 16:39

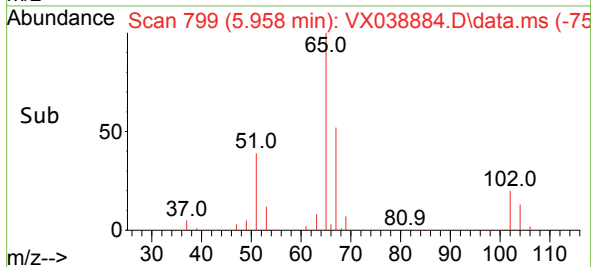
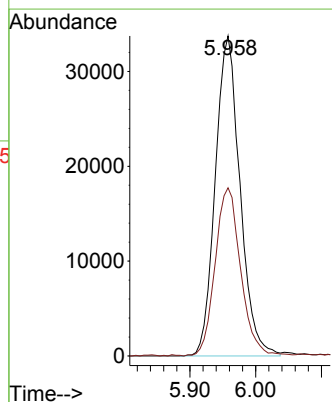
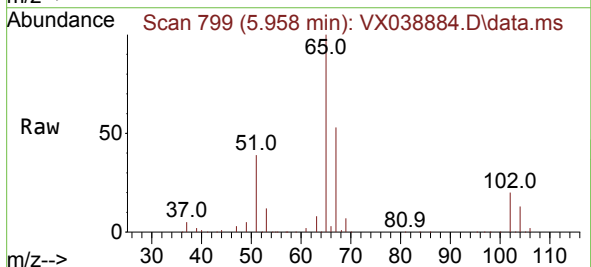
Instrument :
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 ClientSampleId :
 RE134D3-20231109

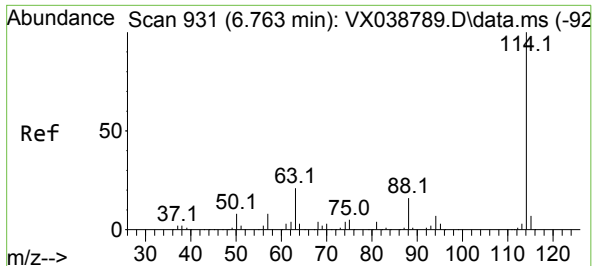
Tgt Ion: 96 Resp: 900
 Ion Ratio Lower Upper
 96 100
 61 118.2 0.0 312.2
 98 76.1 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 47.347 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX038884.D
 Acq: 17 Nov 2023 16:39

Tgt Ion: 65 Resp: 88221
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 100.2

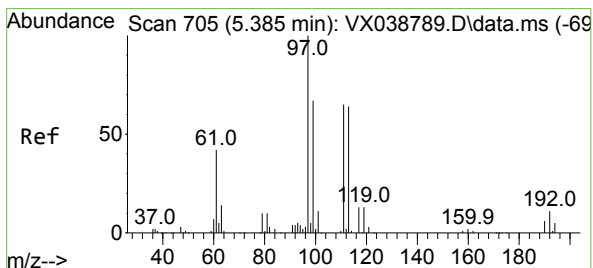
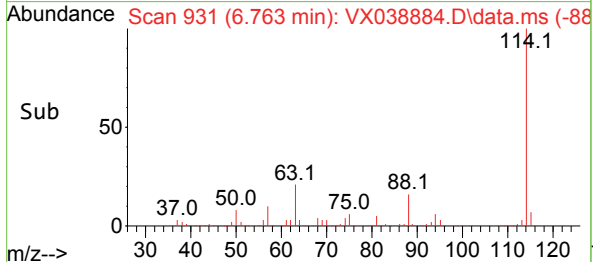
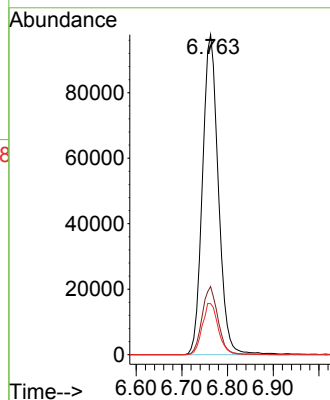
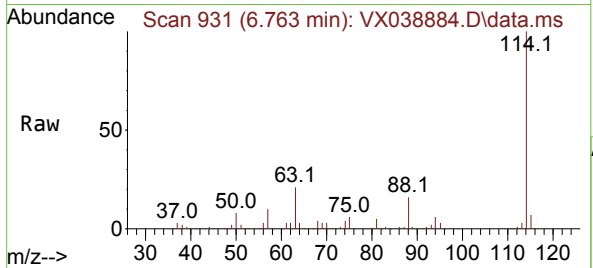




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

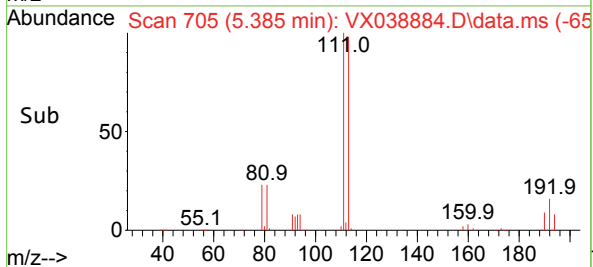
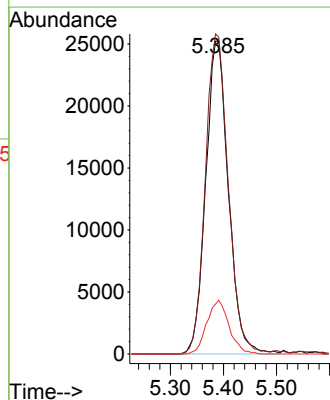
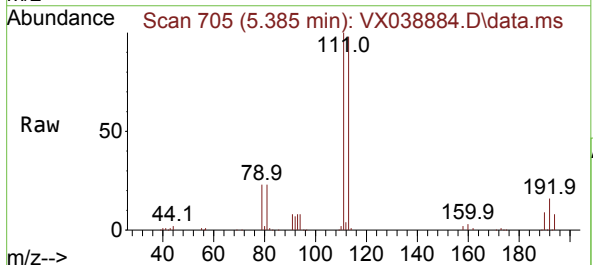
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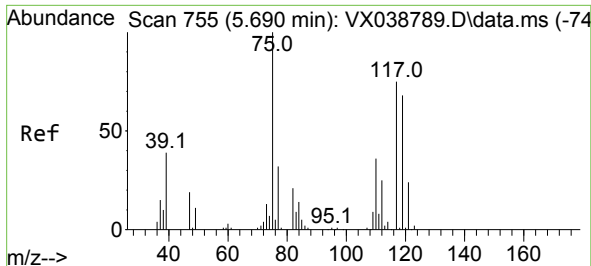
Tgt Ion:114 Resp: 235058
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

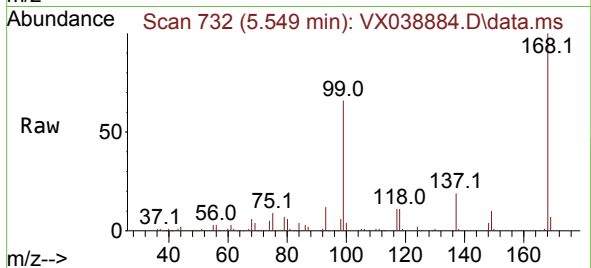
Tgt Ion:113 Resp: 74895
Ion Ratio Lower Upper
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111 103.4 82.9 124.3
192 16.8 13.3 19.9



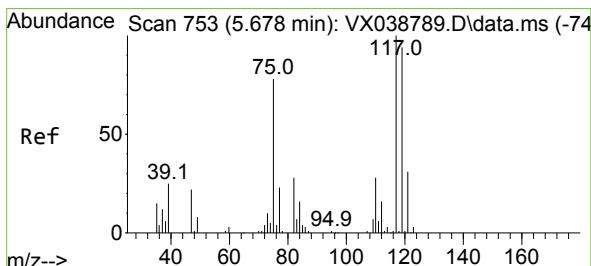
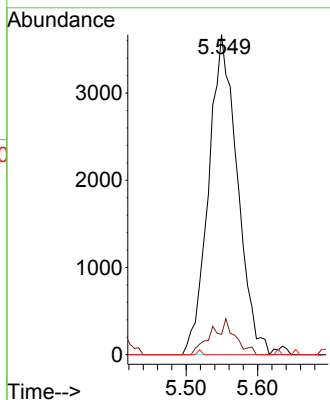
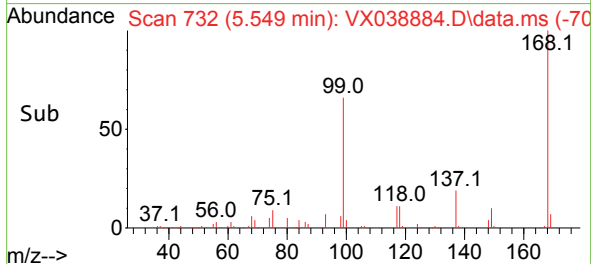


#36
 1,1-Dichloropropene
 Concen: 4.234 ug/l
 RT: 5.549 min Scan# 713
 Delta R.T. -0.141 min
 Lab File: VX038884.D
 Acq: 17 Nov 2023 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20231109

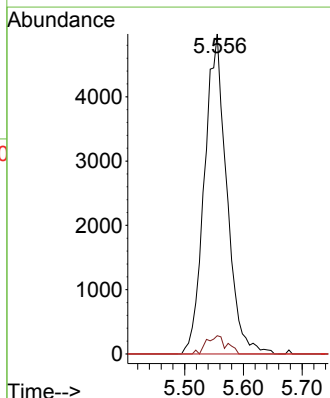
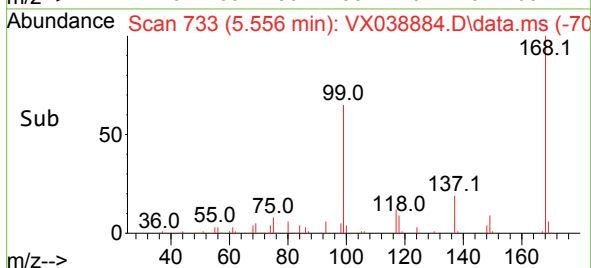
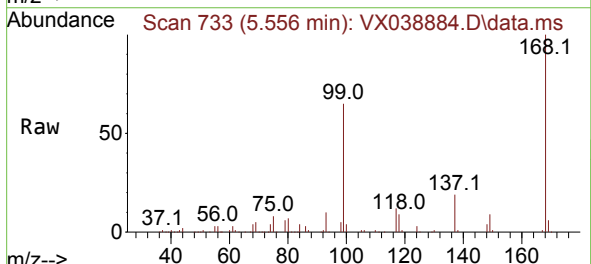


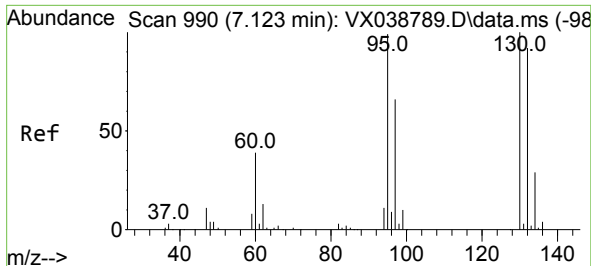
Tgt Ion: 75 Resp: 10302
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.846 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038884.D
 Acq: 17 Nov 2023 16:39

Tgt Ion: 117 Resp: 13146
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.2 117.2#
 121 0.0 24.4 36.6#

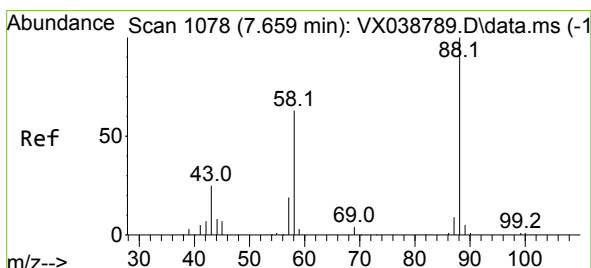
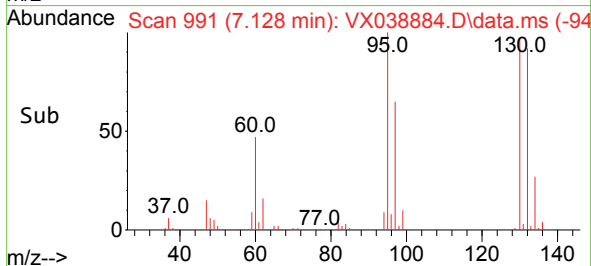
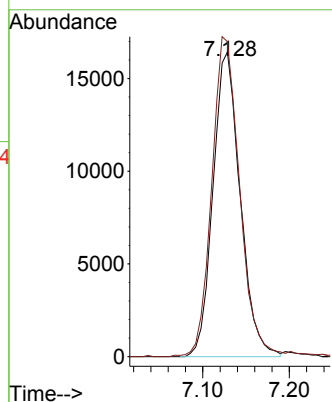
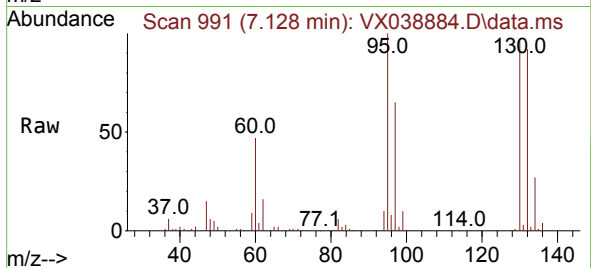




#44
Trichloroethene
Concen: 20.423 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

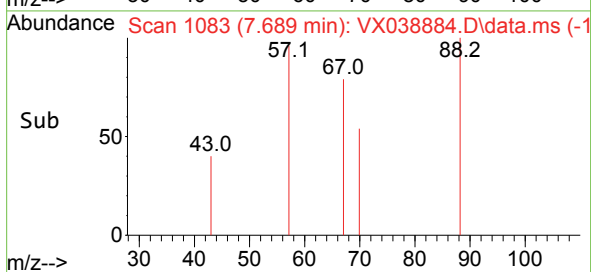
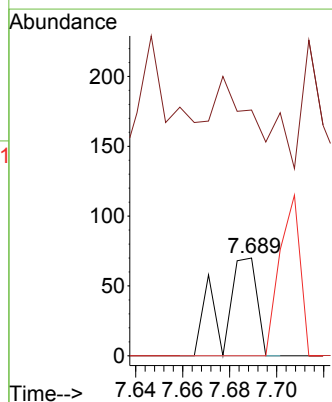
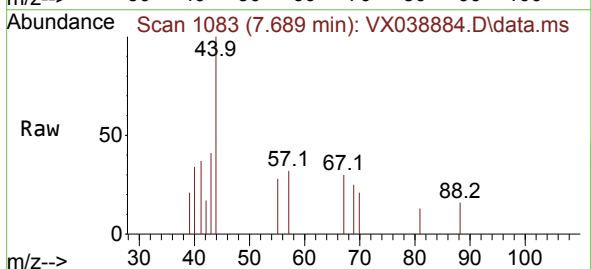
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

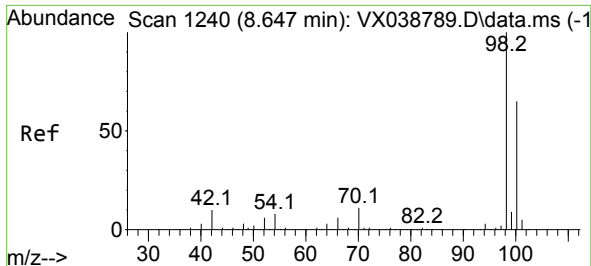
Tgt Ion:130 Resp: 35775
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.4



#49
1,4-Dioxane
Concen: 1.514 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.030 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

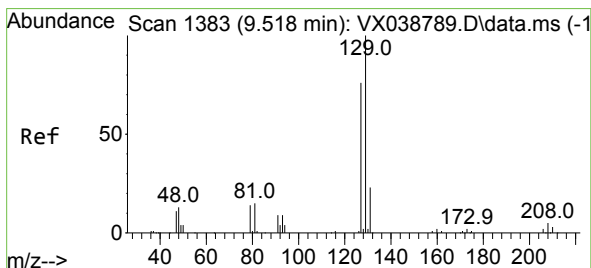
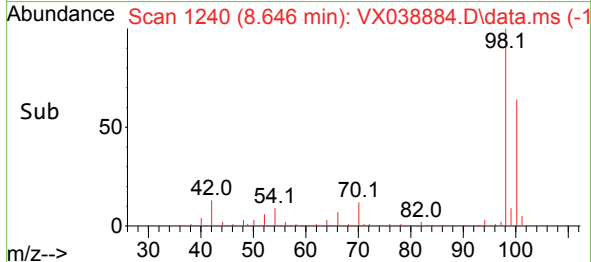
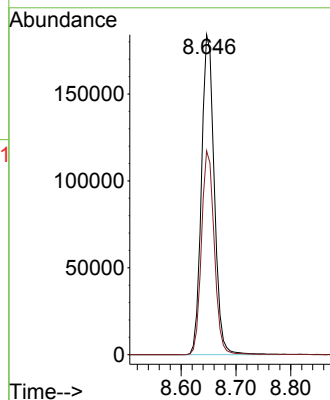
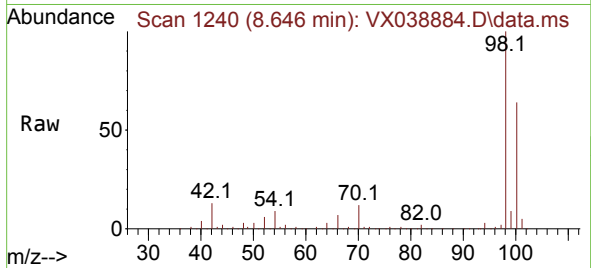




#50
Toluene-d8
Concen: 46.031 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

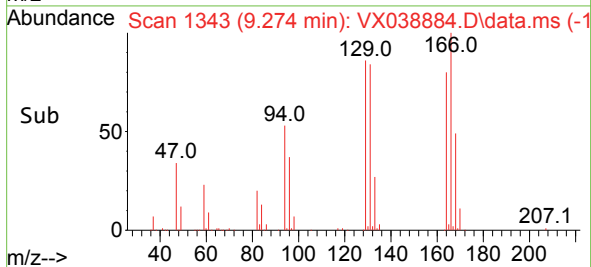
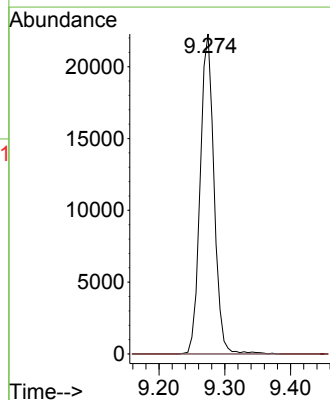
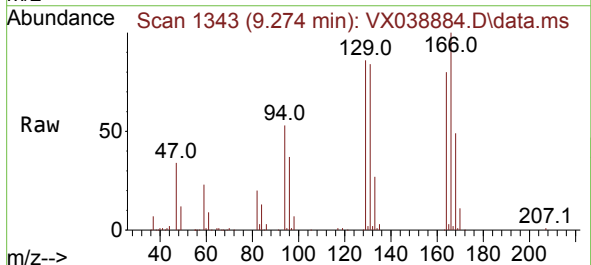
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

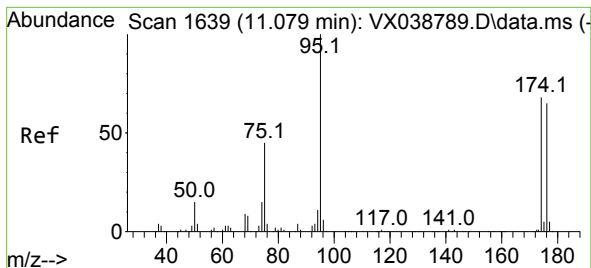
Tgt Ion: 98 Resp: 298986
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#60
Dibromochloromethane
Concen: 17.228 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:129 Resp: 32641
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

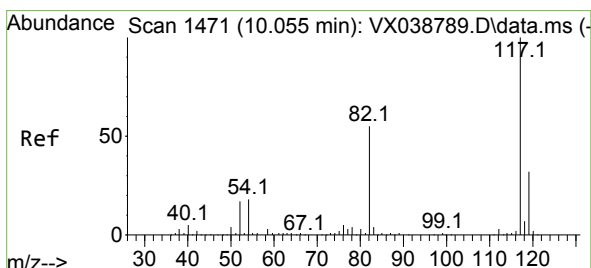
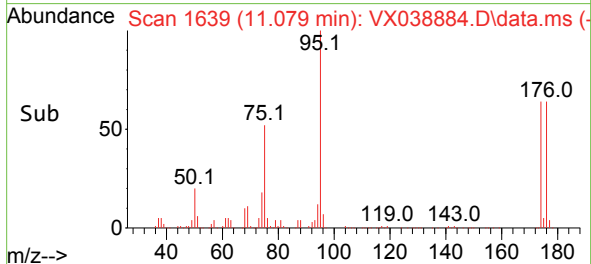
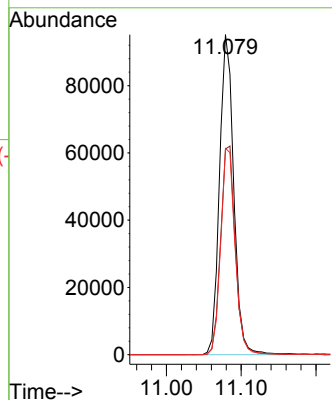
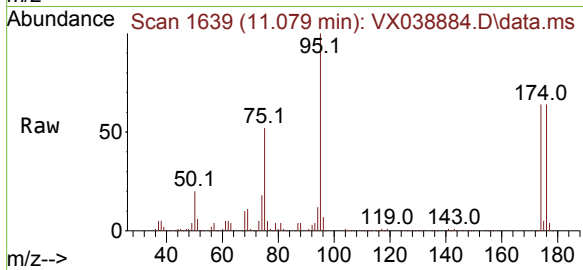




#62
4-Bromofluorobenzene
Concen: 48.492 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

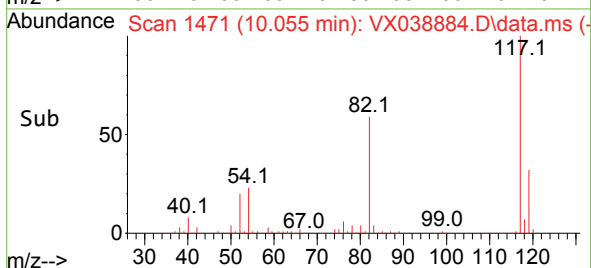
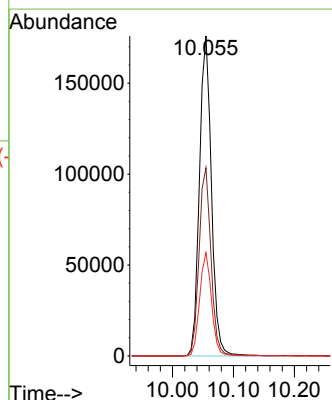
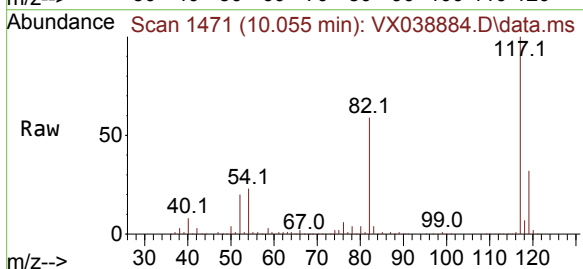
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

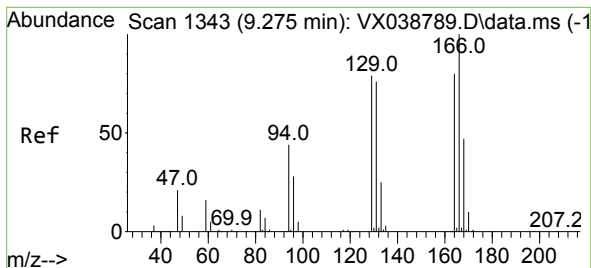
Tgt Ion: 95 Resp: 126083
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 65.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 117 Resp: 239844
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 20.459 ug/l

RT: 9.274 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038884.D

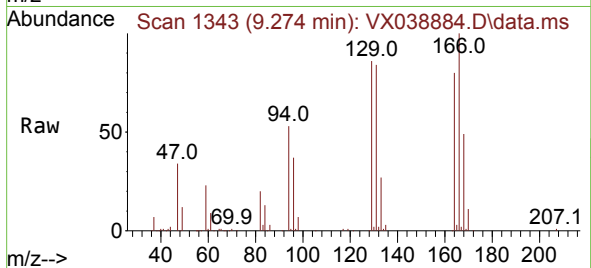
Acq: 17 Nov 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20231109



Tgt Ion:164 Resp: 30501

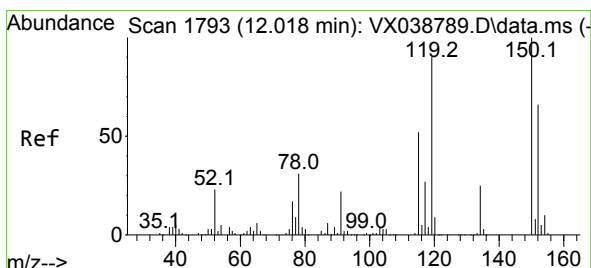
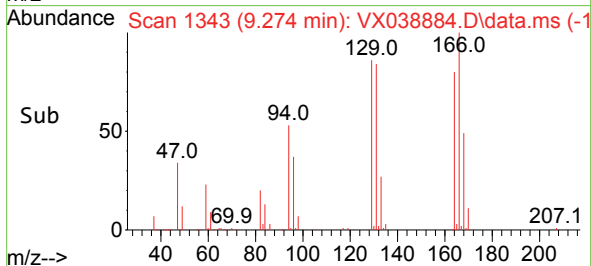
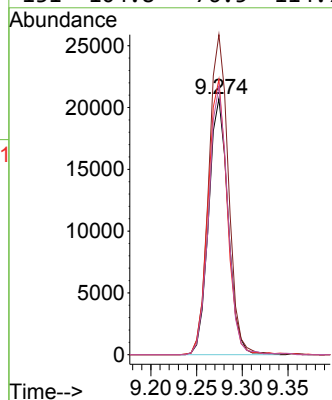
Ion Ratio Lower Upper

164 100

166 125.0 102.7 154.1

129 107.5 80.4 120.6

131 104.8 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

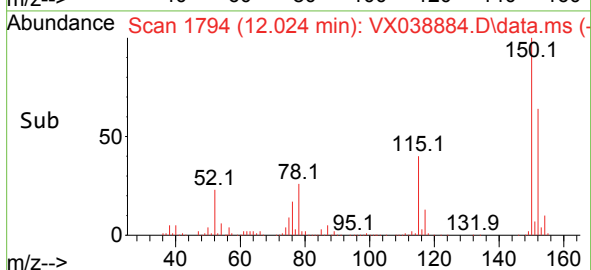
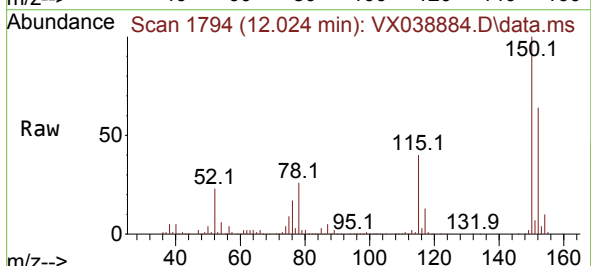
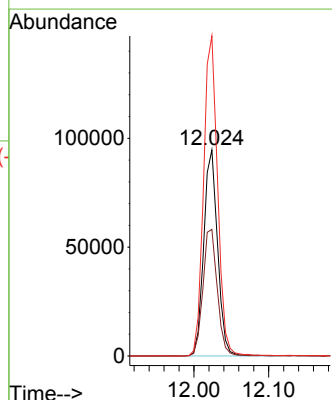
Tgt Ion:152 Resp: 121772

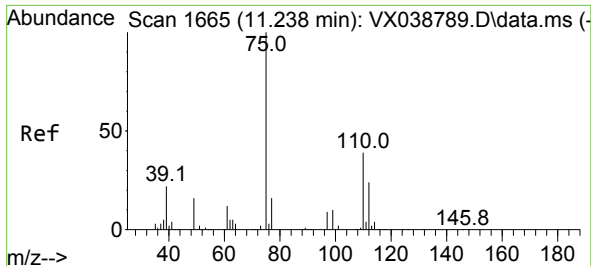
Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 157.2 0.0 345.0

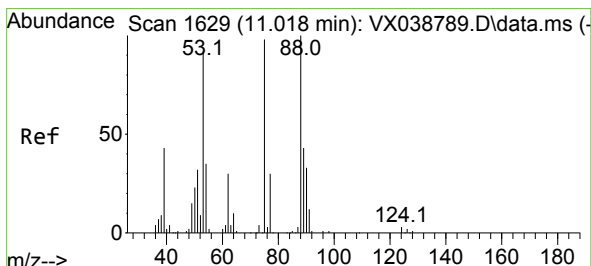
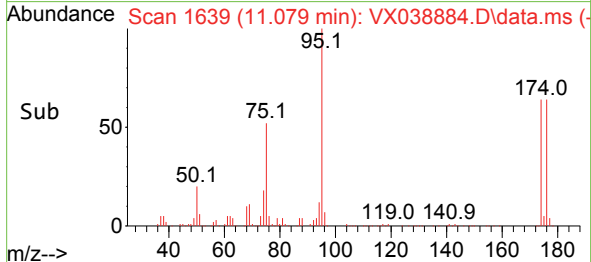
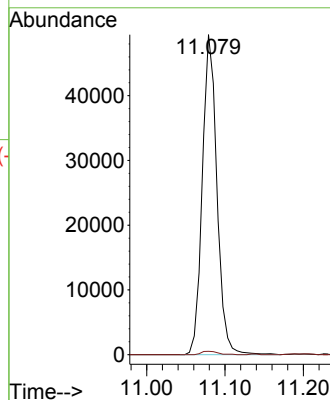
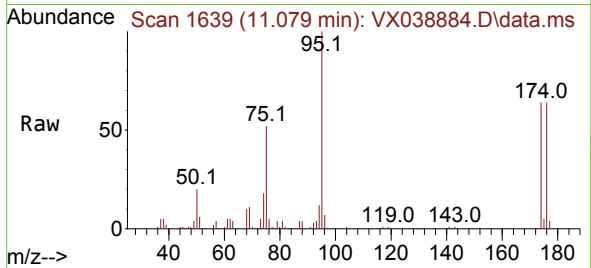




#76
1,2,3-Trichloropropane
Concen: 21.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

Tgt Ion: 75 Resp: 64049
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 75 Resp: 64049
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

