

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042096.D
 Acq On : 28 Jun 2024 19:22
 Operator : JC/MD
 Sample : P3128-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 04:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

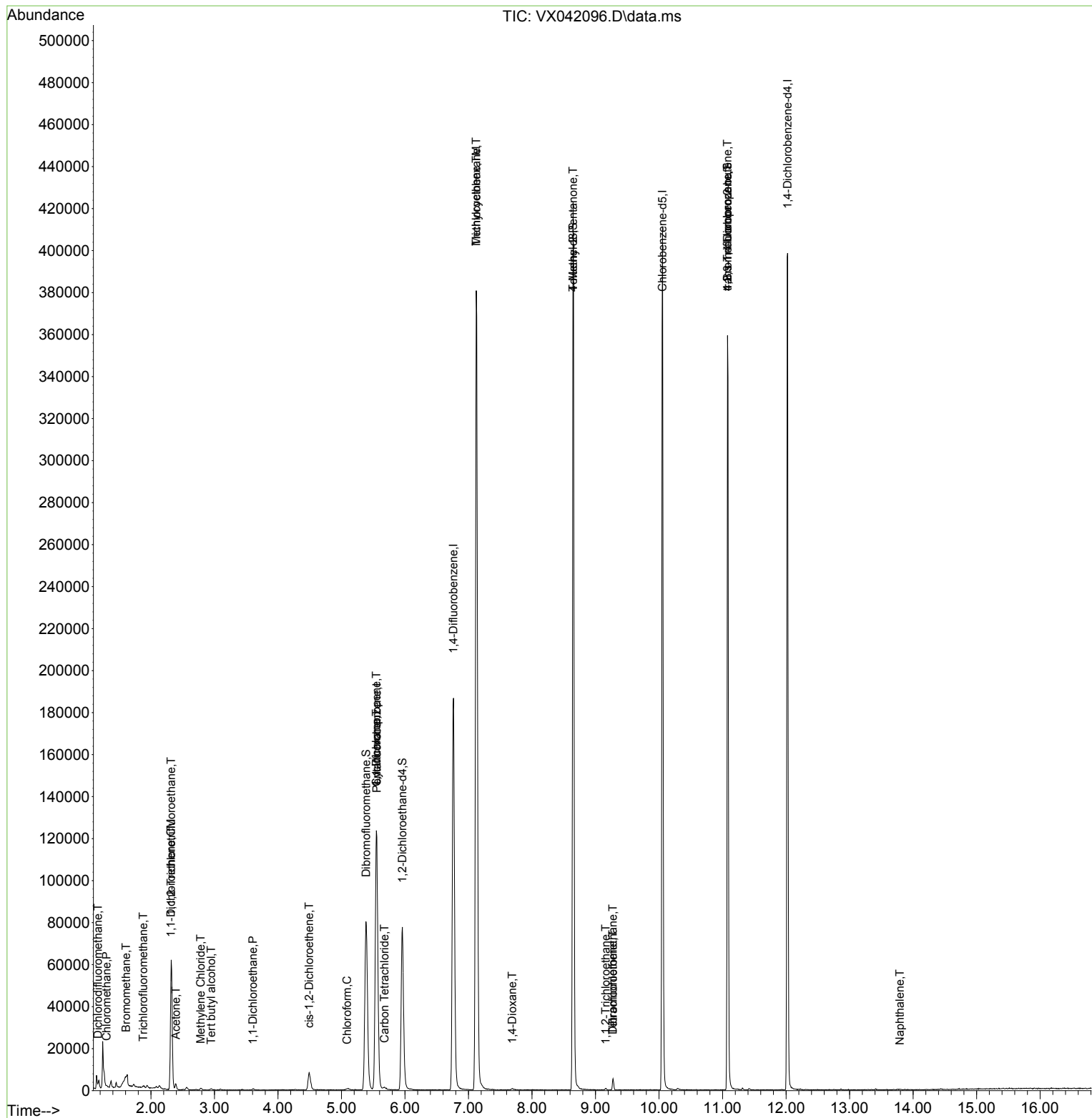
Internal Standards						
1) Pentafluorobenzene	5.556	168	138748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212522	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72536	45.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.680%
35) Dibromofluoromethane	5.385	113	72228	47.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	8.647	98	263285	49.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	96595	49.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	928	0.878	ug/l	99
3) Chloromethane	1.301	50	433	0.327	ug/l	# 86
5) Bromomethane	1.605	94	157	0.239	ug/l	# 3
6) Chloroethane	1.666	64	427	Below Cal	#	43
7) Trichlorofluoromethane	1.880	101	416	0.239	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22551	18.797	ug/l	# 85
11) Tert butyl alcohol	2.947	59	351	1.156	ug/l	# 78
12) 1,1-Dichloroethene	2.313	96	2431	2.031	ug/l	# 76
16) Acetone	2.392	43	2111	3.005	ug/l	92
20) Methylene Chloride	2.782	84	486	0.316	ug/l	# 62
24) 1,1-Dichloroethane	3.605	63	955	0.425	ug/l	# 83
27) cis-1,2-Dichloroethene	4.489	96	5932	3.900	ug/l	78
30) Chloroform	5.086	83	521	0.223	ug/l	# 83
31) Cyclohexane	5.550	56	1935	1.034	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7654	4.780	ug/l	# 51
38) Carbon Tetrachloride	5.678	117	1024	0.579	ug/l	# 80
39) Methylcyclohexane	7.123	83	1664	0.822	ug/l	# 1
44) Trichloroethene	7.123	130	168796	116.601	ug/l	86
49) 1,4-Dioxane	7.690	88	753	38.184	ug/l	# 85
51) 4-Methyl-2-Pentanone	8.647	43	964	0.437	ug/l	# 1
55) 1,1,2-Trichloroethane	9.159	97	288	0.201	ug/l	# 89
60) Dibromochloromethane	9.275	129	1019	0.655	ug/l	# 11
64) Tetrachloroethene	9.275	164	1147	0.760	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	43675	24.330	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43675	69.095	ug/l	# 5
95) Naphthalene	13.792	128	316	0.792	ug/l	# 69

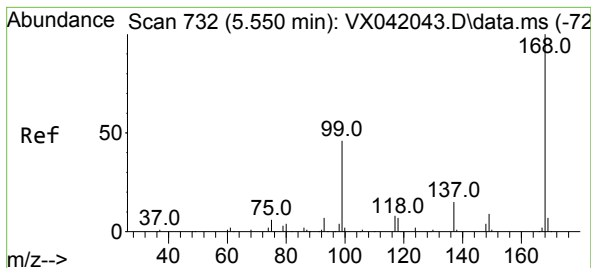
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
Data File : VX042096.D
Acq On : 28 Jun 2024 19:22
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Sample : P3128-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

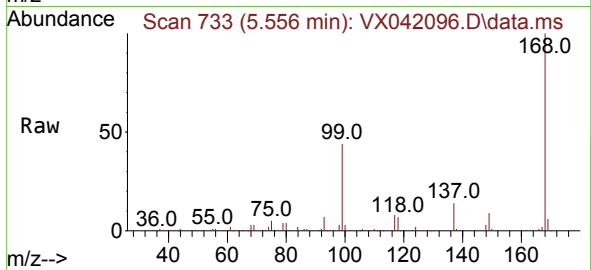
Quant Time: Jun 29 04:24:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



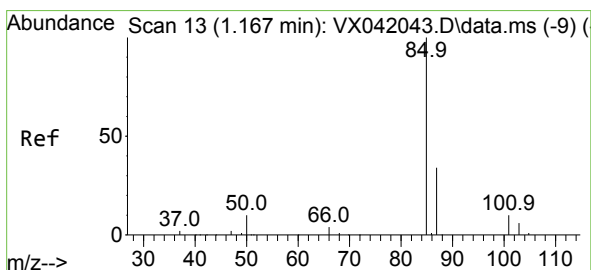
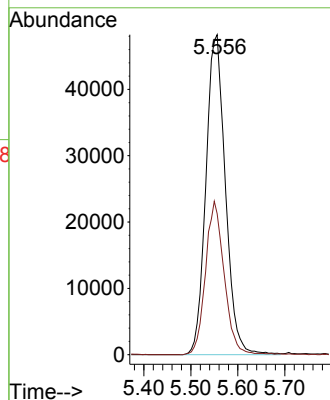
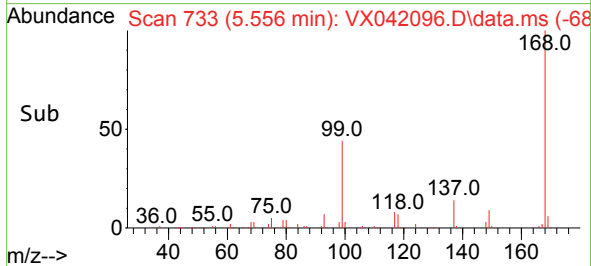


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Instrument :
MSVOA_X
ClientSampleId :

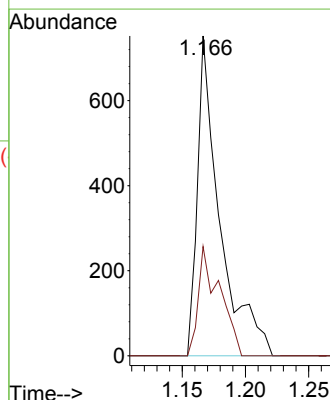
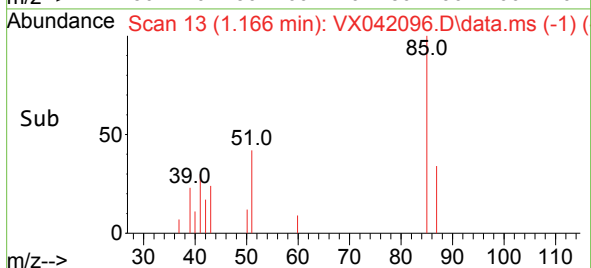
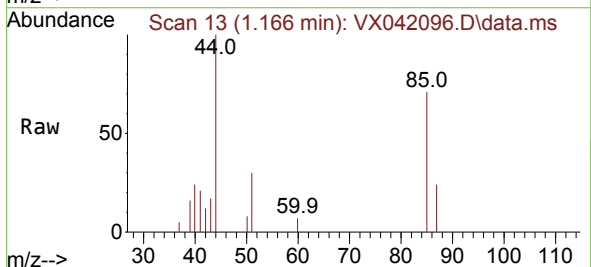


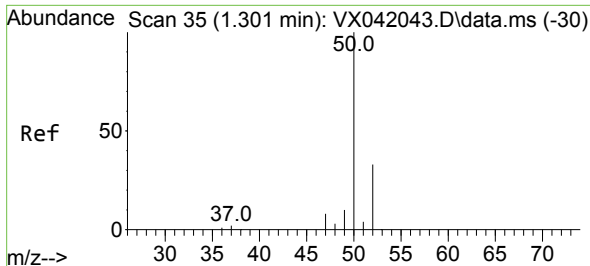
Tgt Ion:168 Resp: 138748
Ion Ratio Lower Upper
168 100
99 44.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.878 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

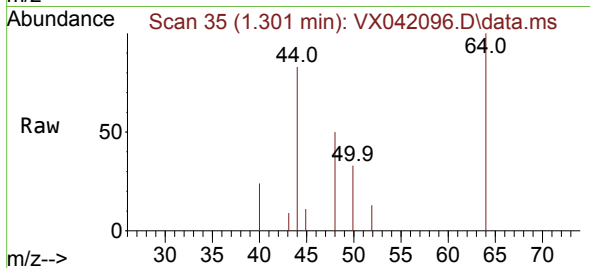
Tgt Ion: 85 Resp: 928
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.1



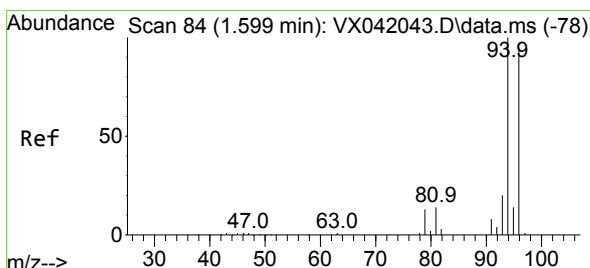
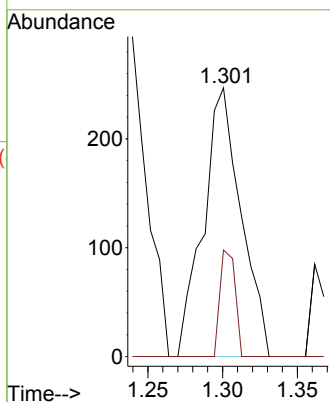
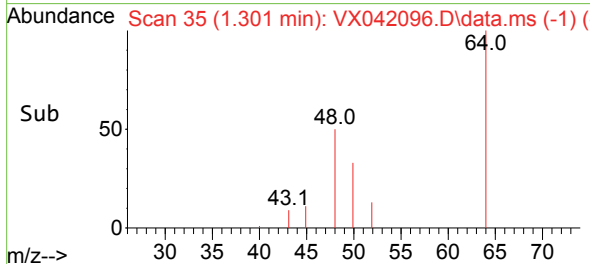


#3
Chloromethane
Concen: 0.327 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Instrument :
MSVOA_X
ClientSampleId :

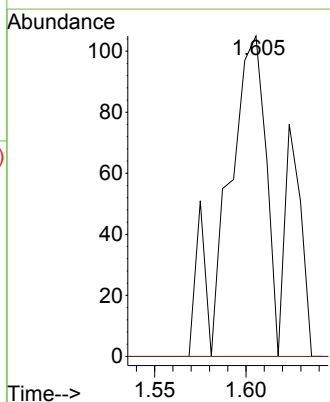
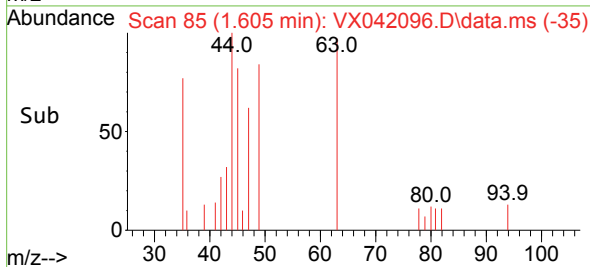
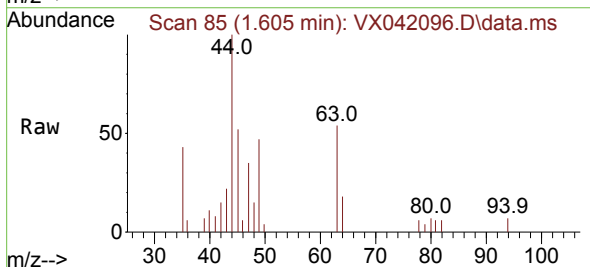


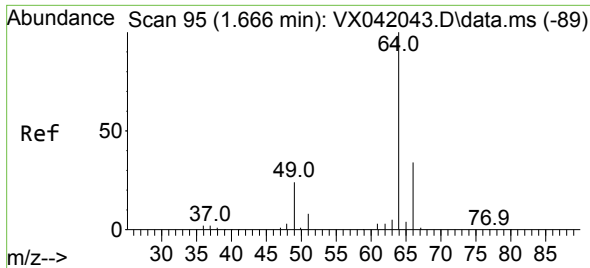
Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 39.7 25.5 38.3#



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

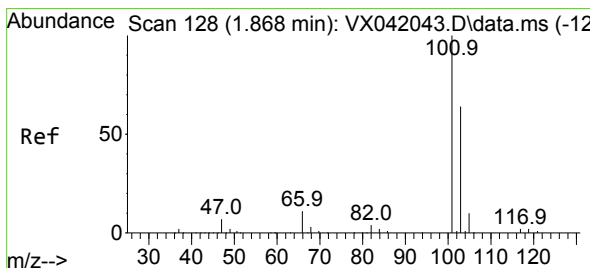
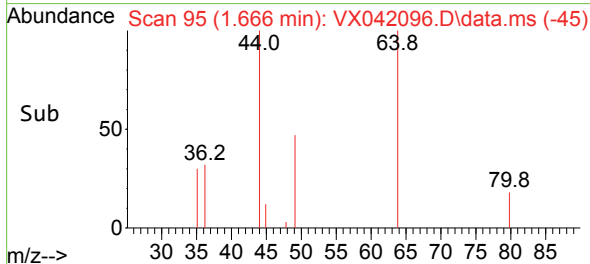
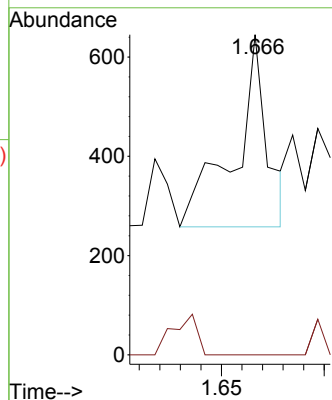
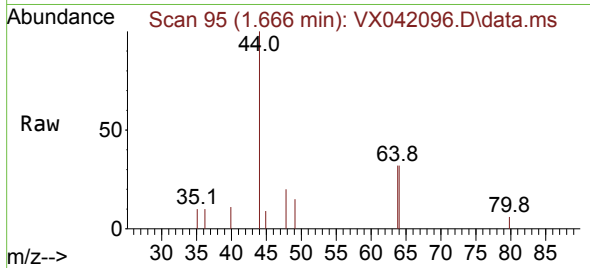




#6
 Chloroethane
 Concen: Below Cal
 RT: 1.666 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX042096.D
 Acq: 28 Jun 2024 19:22

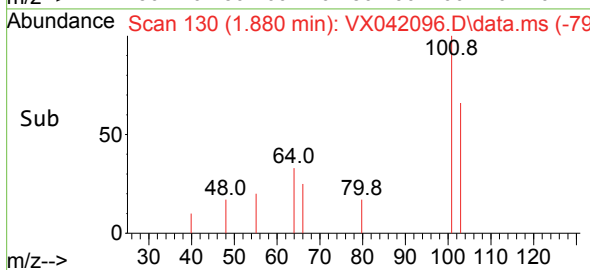
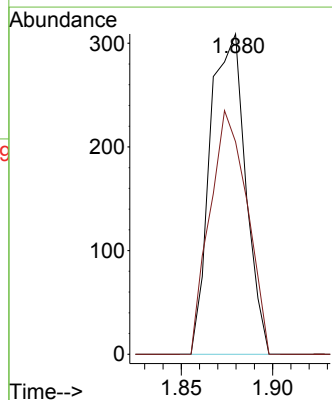
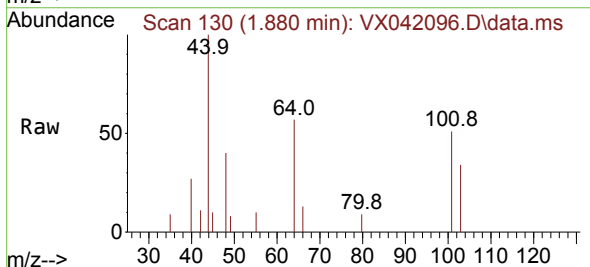
Instrument :
 MSVOA_X
 ClientSampleId :

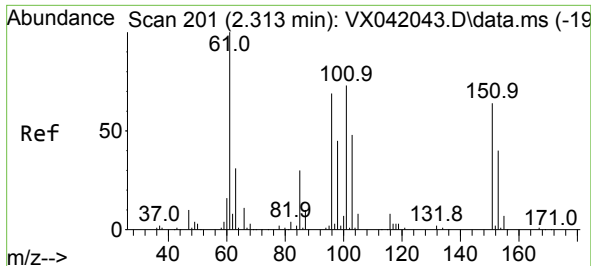
Tgt Ion: 64 Resp: 427
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#7
 Trichlorofluoromethane
 Concen: 0.239 ug/l
 RT: 1.880 min Scan# 130
 Delta R.T. 0.012 min
 Lab File: VX042096.D
 Acq: 28 Jun 2024 19:22

Tgt Ion: 101 Resp: 416
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.2

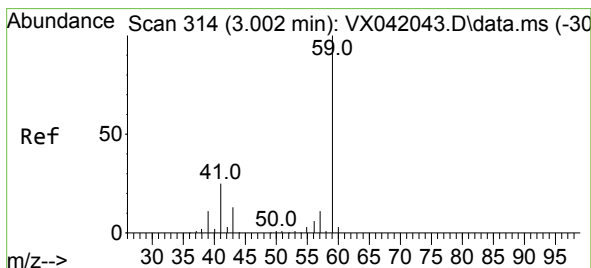
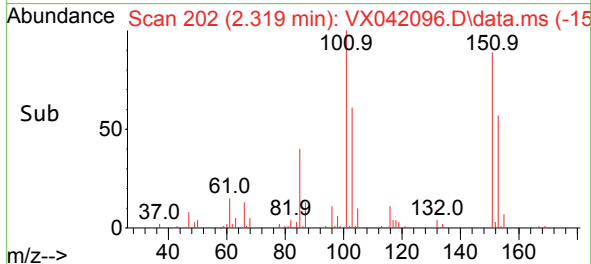
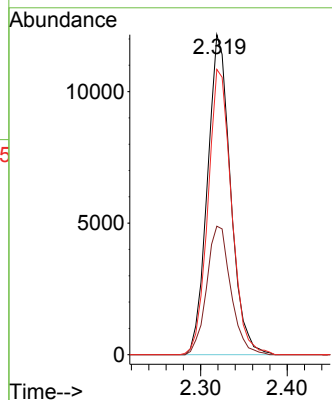
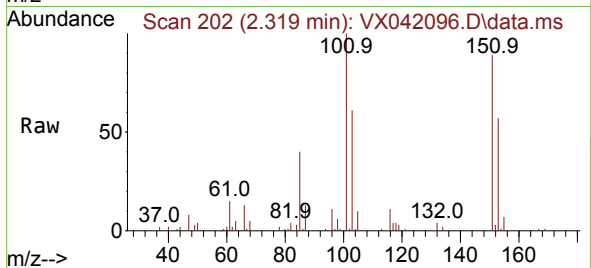




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.797 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

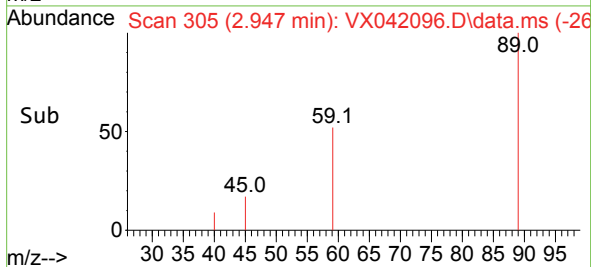
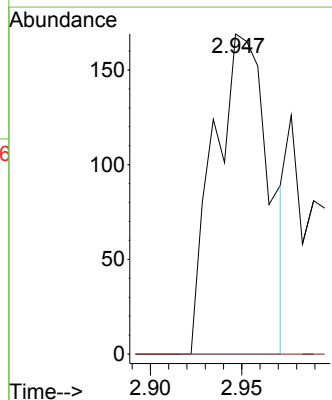
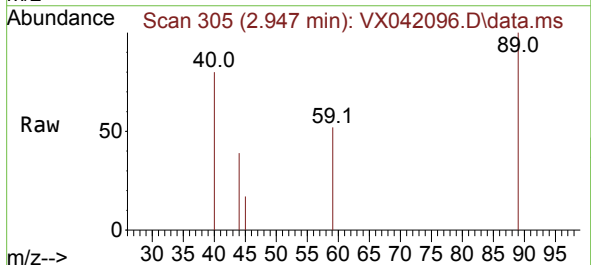
Instrument :
MSVOA_X
ClientSampleId :

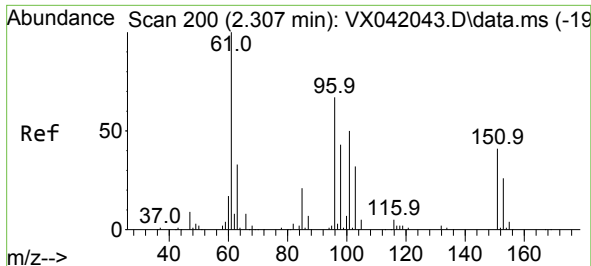
Tgt Ion:101 Resp: 22551
Ion Ratio Lower Upper
101 100
85 41.9 37.0 55.6
151 90.7 58.6 87.8#



#11
Tert butyl alcohol
Concen: 1.156 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 2.031 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX042096.D

Acq: 28 Jun 2024 19:22

Instrument :

MSVOA_X

ClientSampleId :

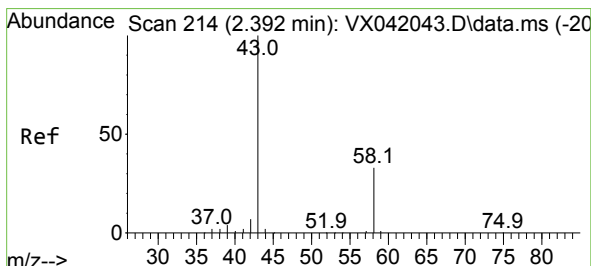
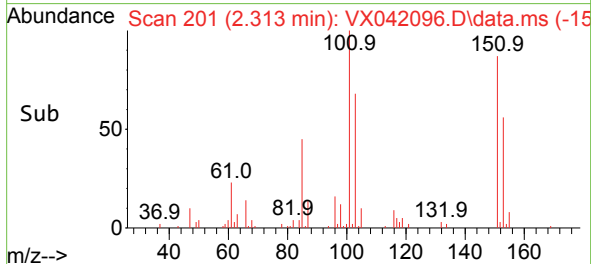
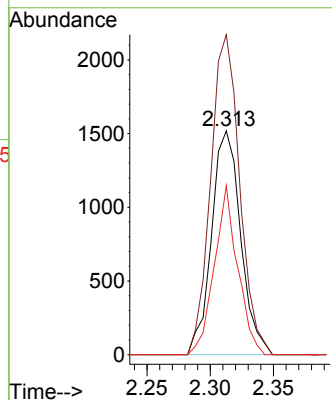
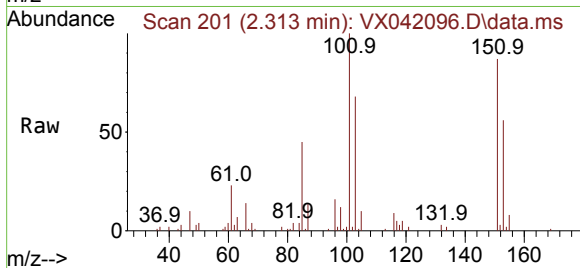
Tgt Ion: 96 Resp: 2431

Ion Ratio Lower Upper

96 100

61 142.9 144.6 216.8#

98 75.4 50.4 75.6



#16

Acetone

Concen: 3.005 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042096.D

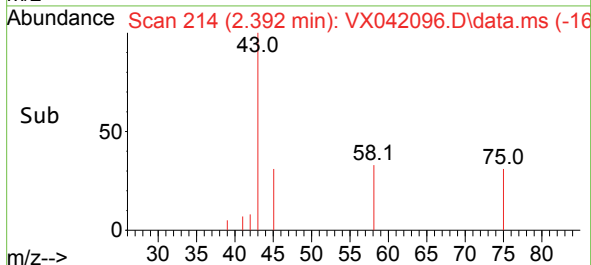
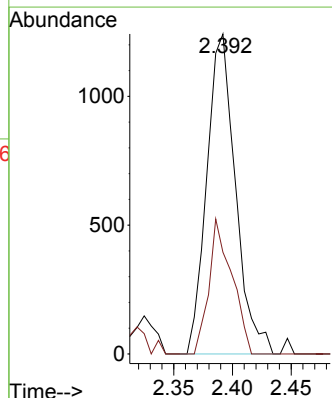
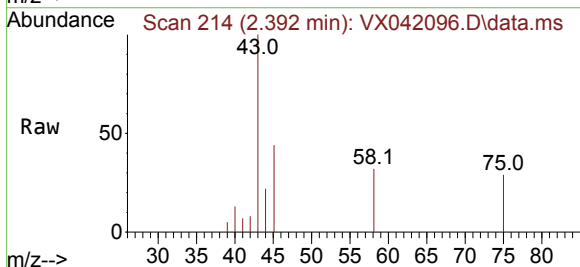
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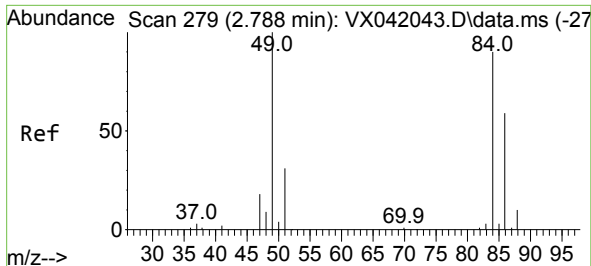
Tgt Ion: 43 Resp: 2111

Ion Ratio Lower Upper

43 100

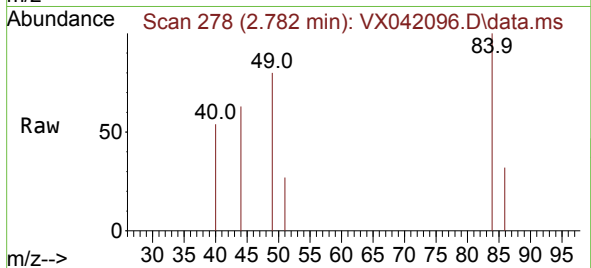
58 31.8 21.9 32.9



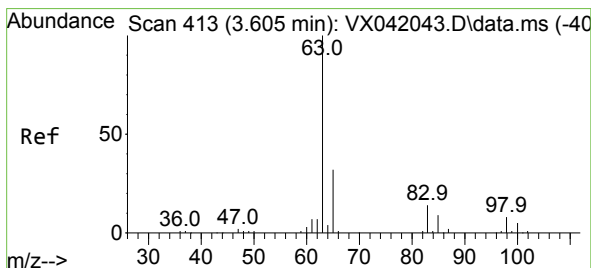
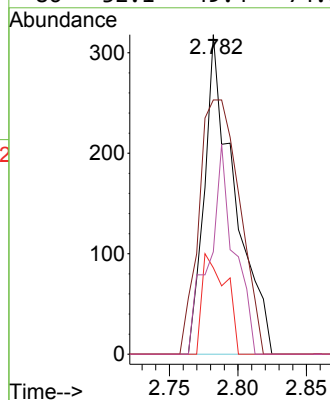


#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Instrument :
MSVOA_X
ClientSampleId :

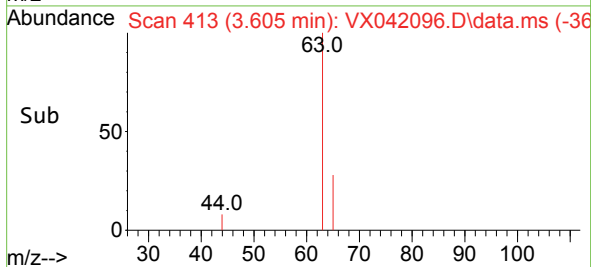
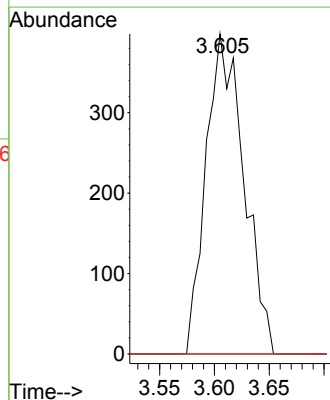
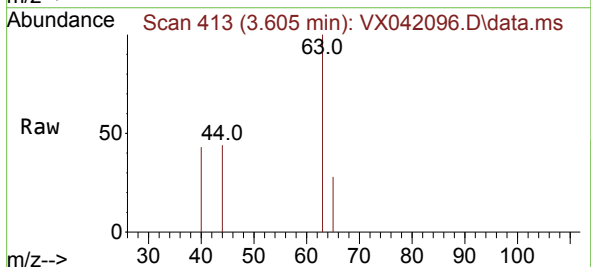


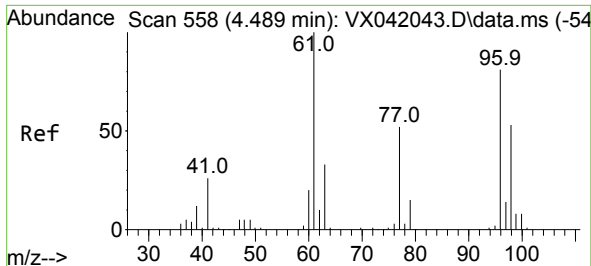
Tgt Ion: 84	Resp: 486
Ion Ratio	Lower Upper
84 100	
49 79.6	103.6 155.4#
51 27.0	33.8 50.6#
86 32.1	49.4 74.0#



#24
1,1-Dichloroethane
Concen: 0.425 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

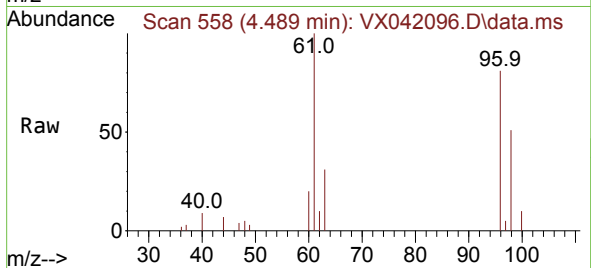
Tgt Ion: 63	Resp: 955
Ion Ratio	Lower Upper
63 100	
98 0.0	3.3 9.8#
100 0.0	2.1 6.5#



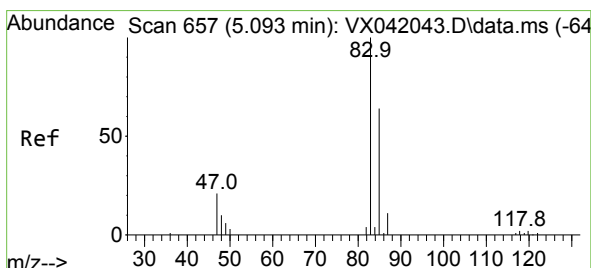
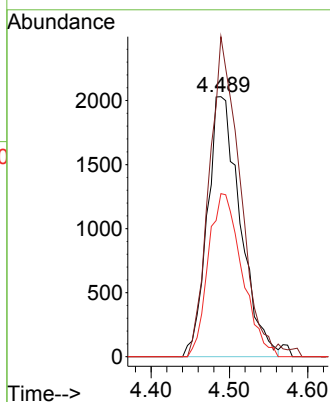
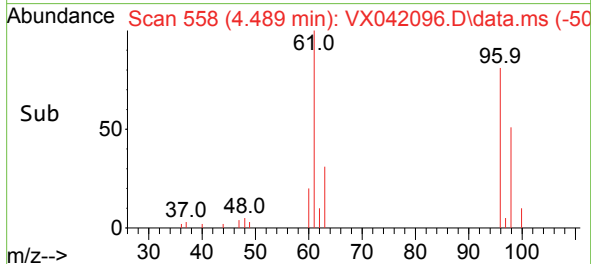


#27
cis-1,2-Dichloroethene
Concen: 3.900 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Instrument :
MSVOA_X
ClientSampleId :

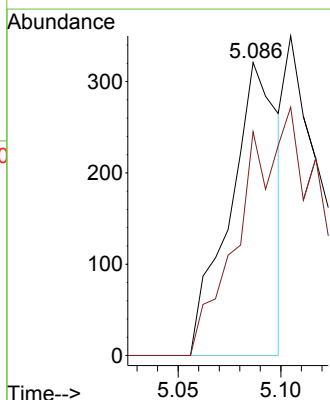
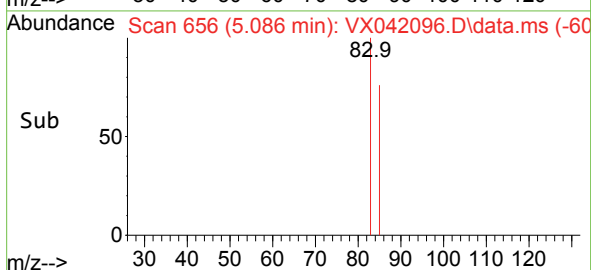
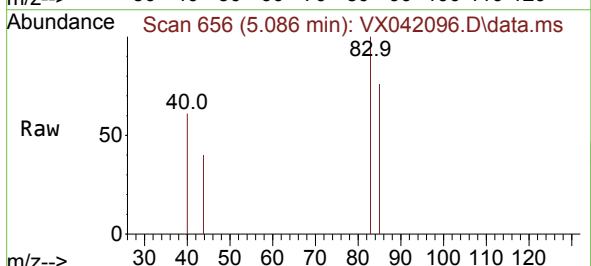


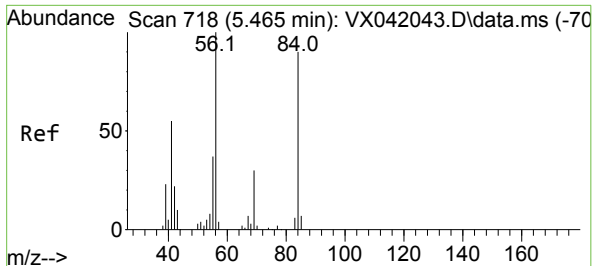
Tgt Ion: 96 Resp: 5932
Ion Ratio Lower Upper
96 100
61 116.0 0.0 312.2
98 64.1 0.0 129.0



#30
Chloroform
Concen: 0.223 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

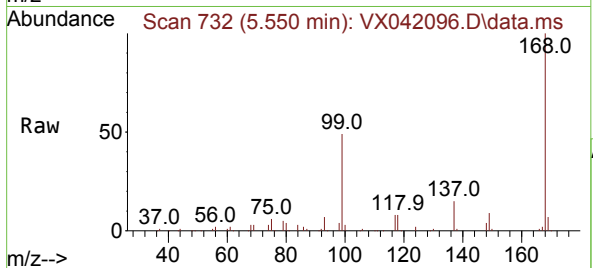
Tgt Ion: 83 Resp: 521
Ion Ratio Lower Upper
83 100
85 76.3 50.3 75.5#



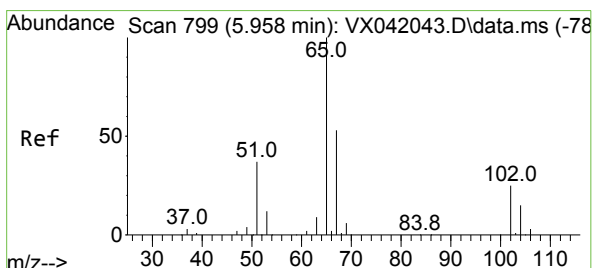
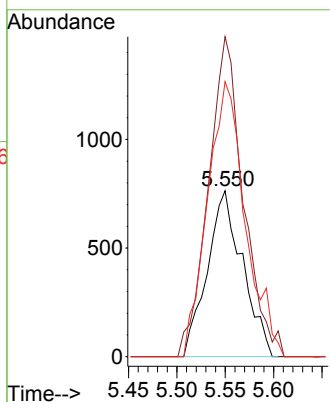
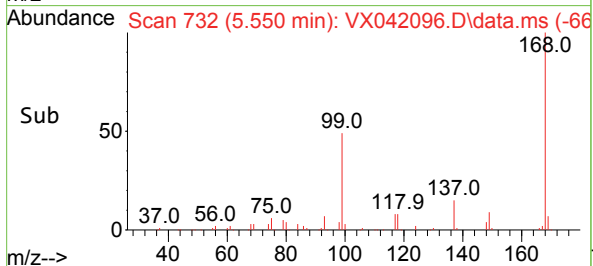


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Instrument :
MSVOA_X
ClientSampleId :

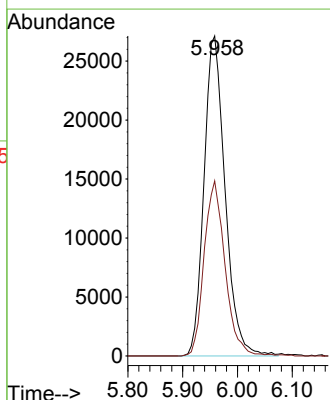
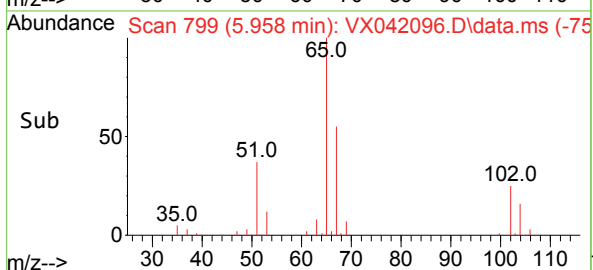
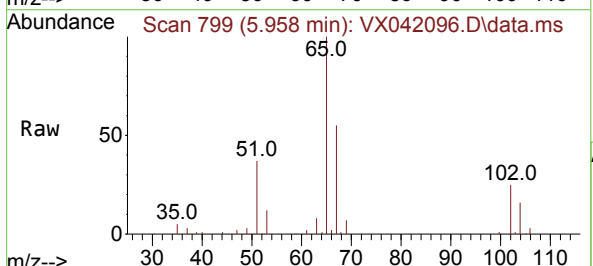


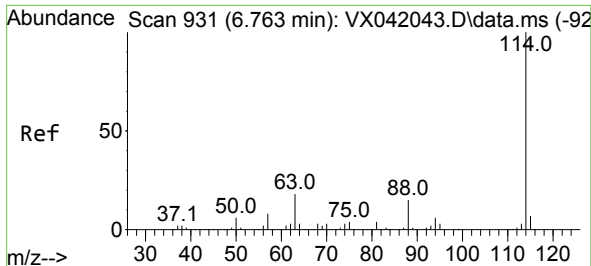
Tgt Ion: 56 Resp: 1935
Ion Ratio Lower Upper
56 100
69 192.8 23.4 35.2#
84 165.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.337 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion: 65 Resp: 72536
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2

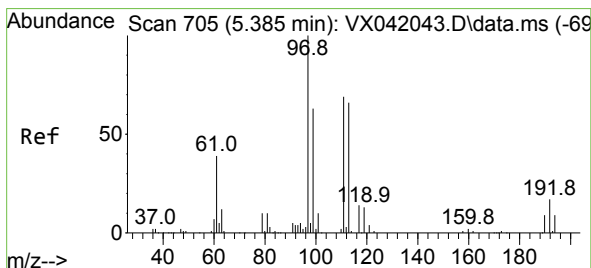
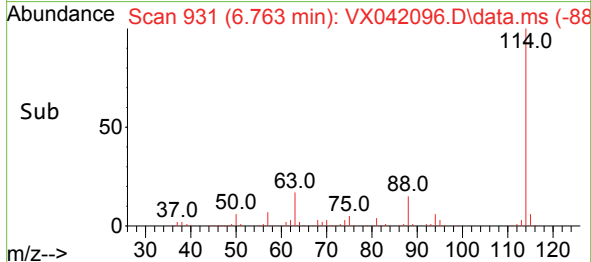
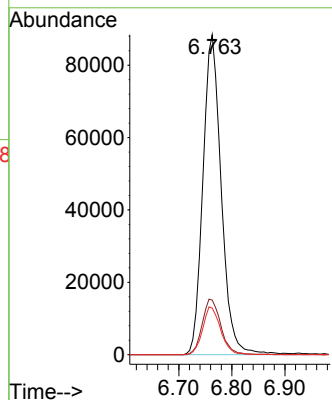
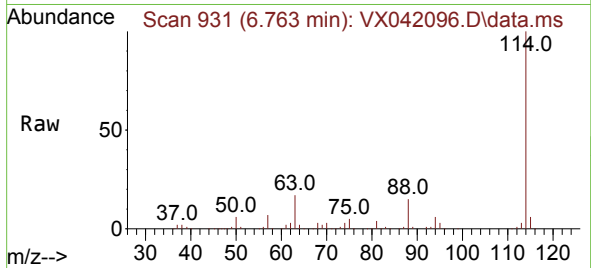




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

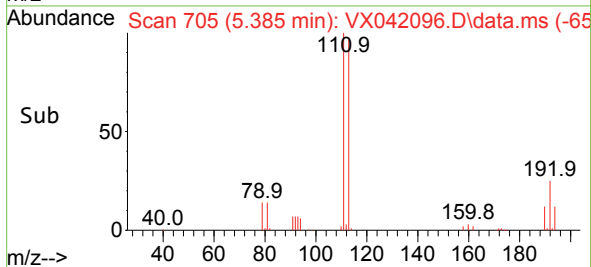
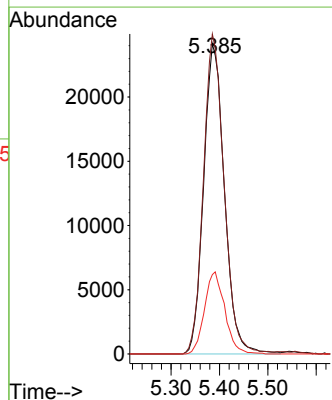
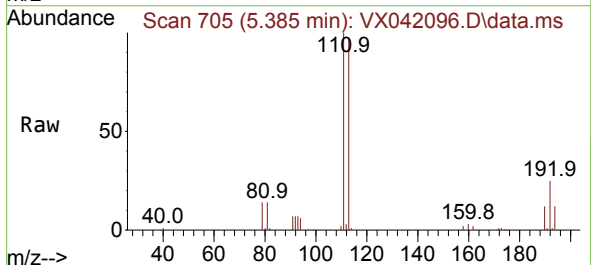
Instrument :
MSVOA_X
ClientSampleId :

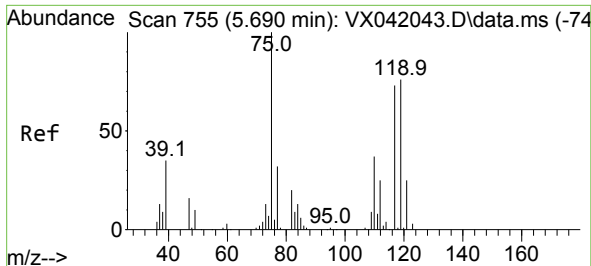
Tgt Ion:114 Resp: 212522
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.898 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion:113 Resp: 72228
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.8 13.3 19.9#

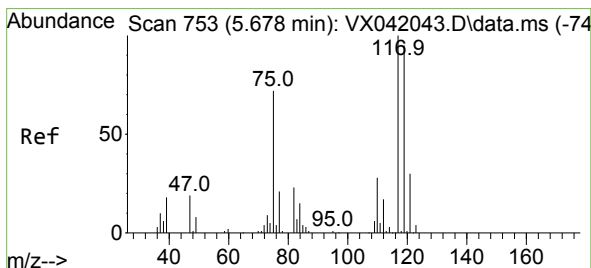
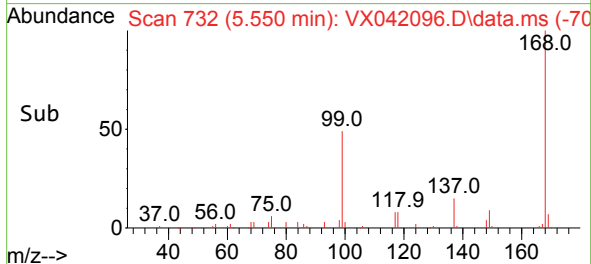
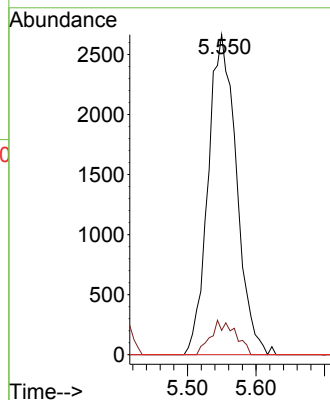
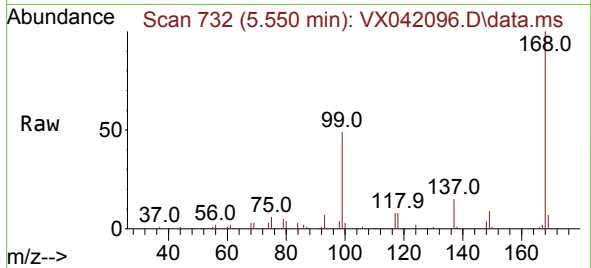




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

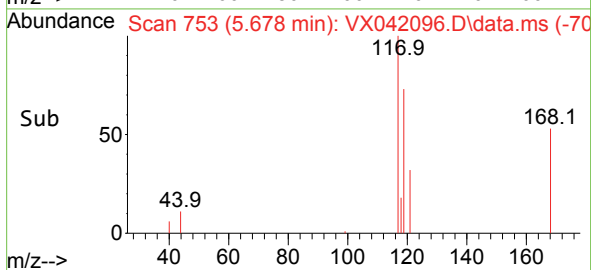
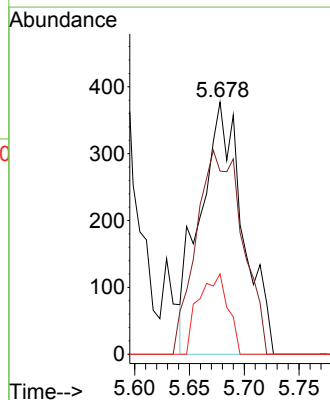
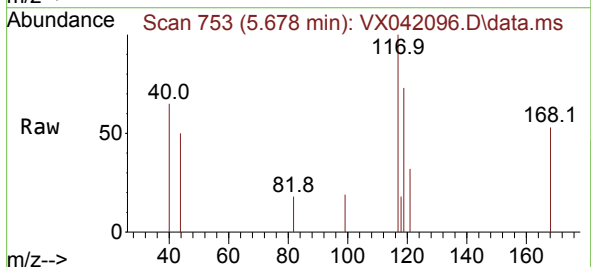
Instrument :
MSVOA_X
ClientSampleId :

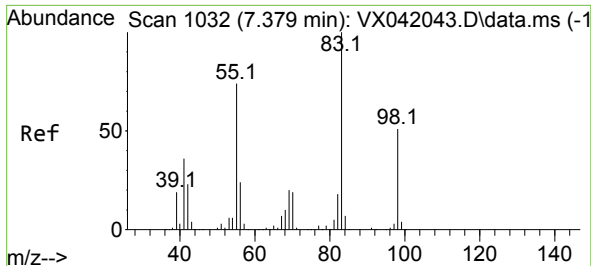
Tgt Ion: 75 Resp: 7654
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.579 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion: 117 Resp: 1024
Ion Ratio Lower Upper
117 100
119 72.7 78.2 117.2#
121 31.8 24.4 36.6





#39

Methylcyclohexane

Concen: 0.822 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX042096.D

Acq: 28 Jun 2024 19:22

Instrument :

MSVOA_X

ClientSampleId :

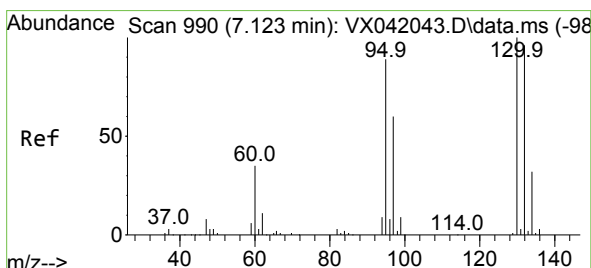
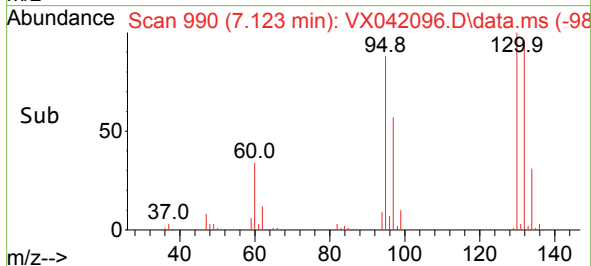
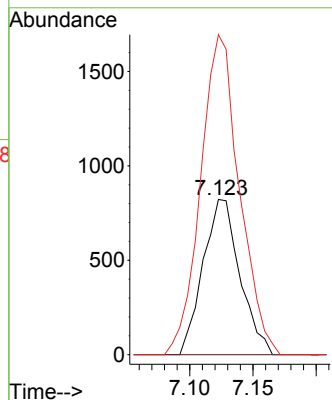
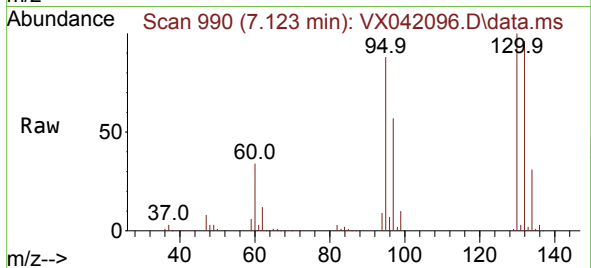
Tgt Ion: 83 Resp: 1664

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 206.2 36.7 55.1#



#44

Trichloroethene

Concen: 116.601 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX042096.D

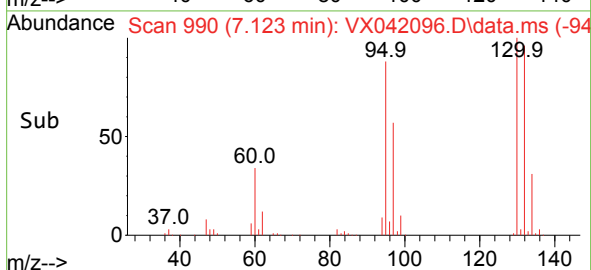
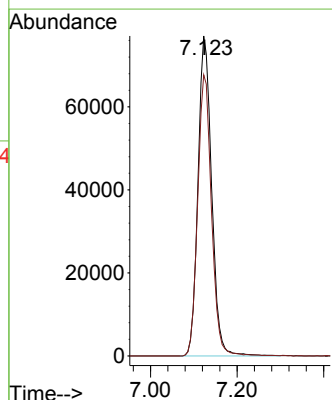
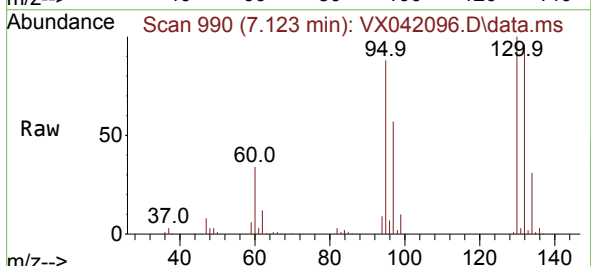
Acq: 28 Jun 2024 19:22

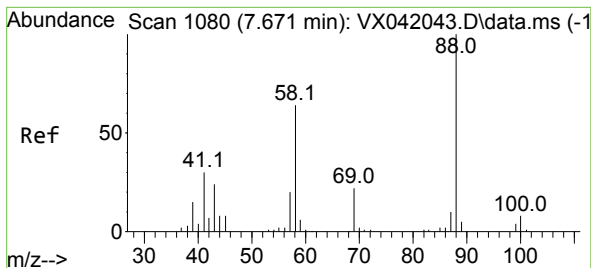
Tgt Ion:130 Resp: 168796

Ion Ratio Lower Upper

130 100

95 87.8 0.0 204.4





#49

1,4-Dioxane

Concen: 38.184 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.025 min

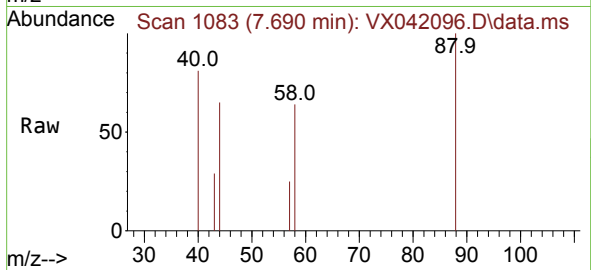
Lab File: VX042096.D

Acq: 28 Jun 2024 19:22

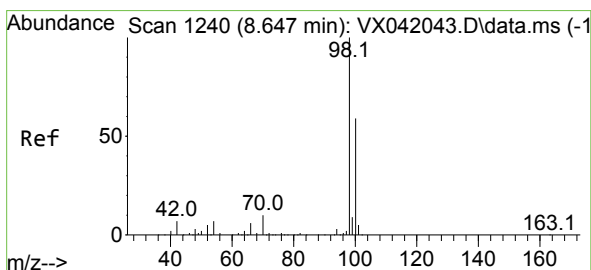
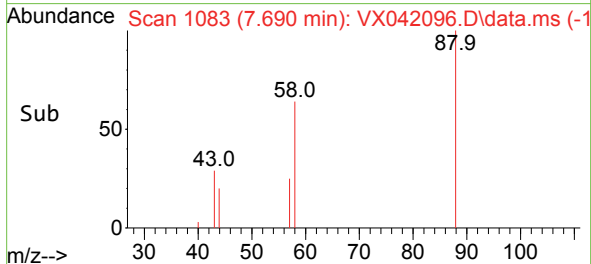
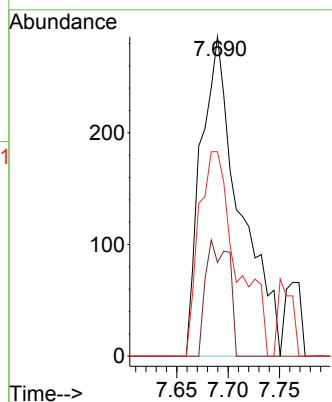
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	753
Ion	Ratio	Lower	Upper
88	100		
43	21.5	0.0	0.0#
58	62.5	60.1	90.1



#50

Toluene-d8

Concen: 49.700 ug/l

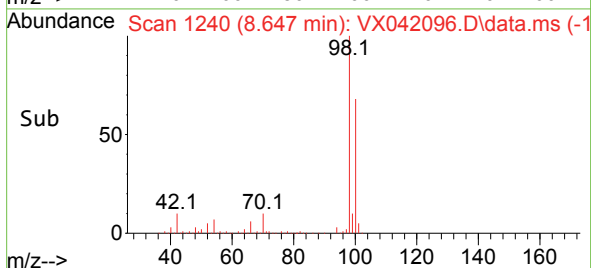
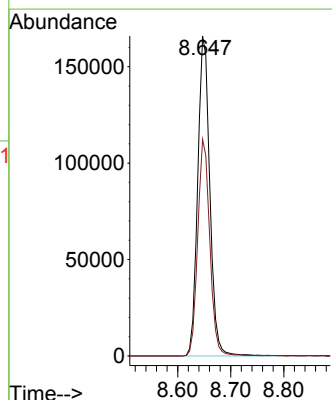
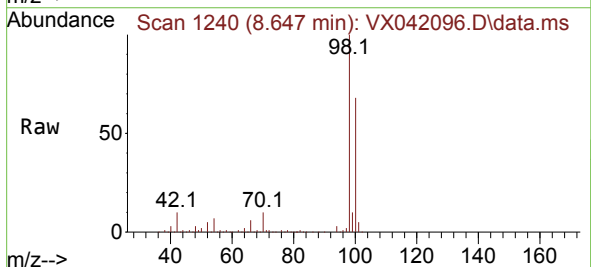
RT: 8.647 min Scan# 1240

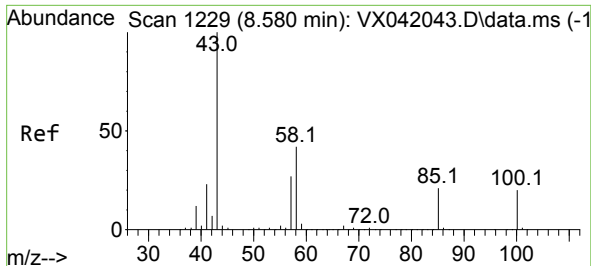
Delta R.T. 0.000 min

Lab File: VX042096.D

Acq: 28 Jun 2024 19:22

Tgt Ion:	98	Resp:	263285
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.1	79.7

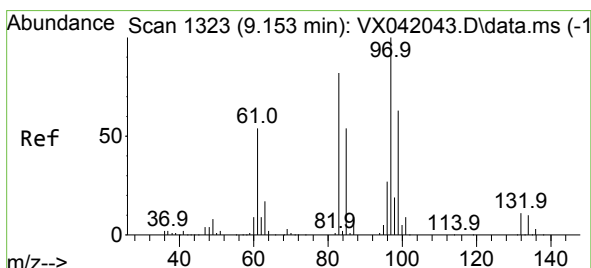
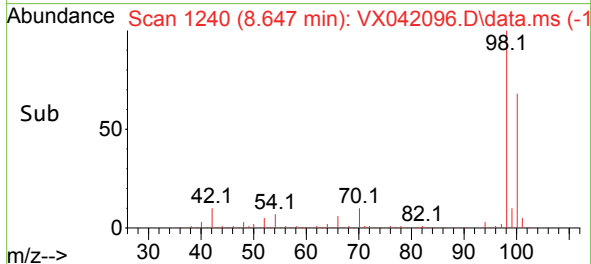
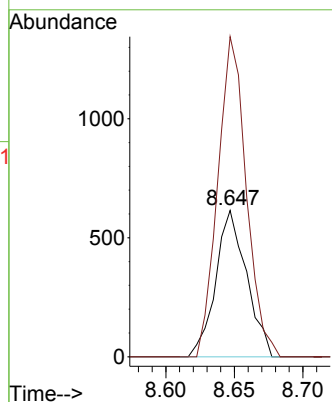
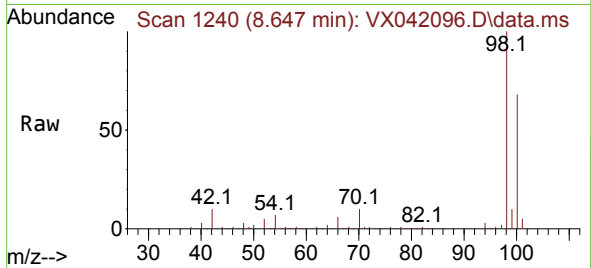




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

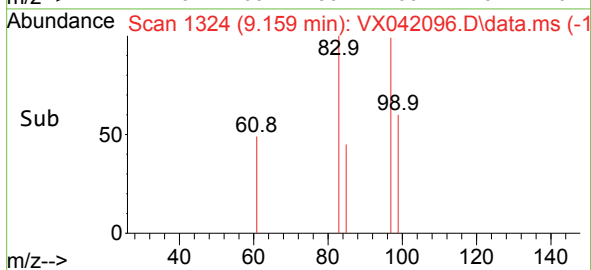
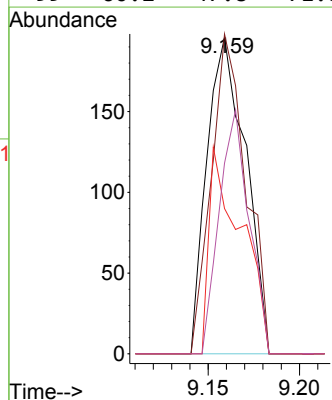
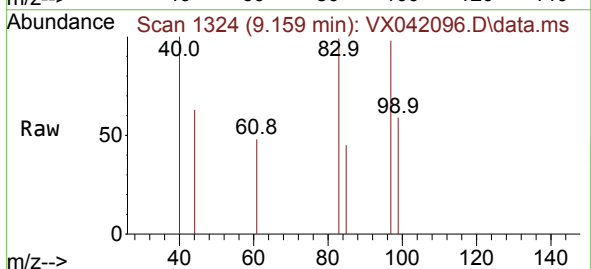
Instrument :
MSVOA_X
ClientSampleId :

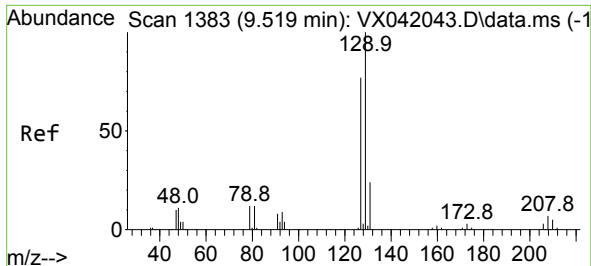
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 202.0 30.4 45.6#



#55
1,1,2-Trichloroethane
Concen: 0.201 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

Tgt Ion: 97 Resp: 288
Ion Ratio Lower Upper
97 100
83 101.0 65.8 98.8#
85 45.9 41.6 62.4
99 60.2 47.8 71.8

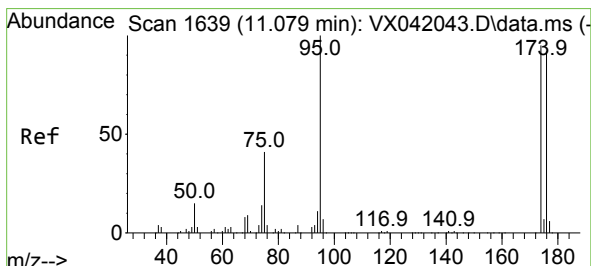
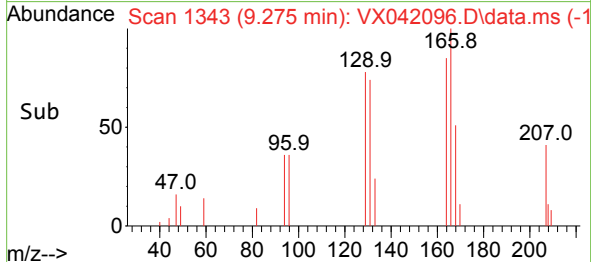
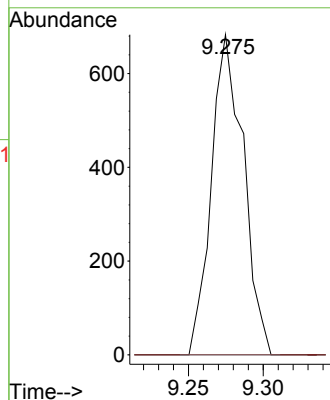
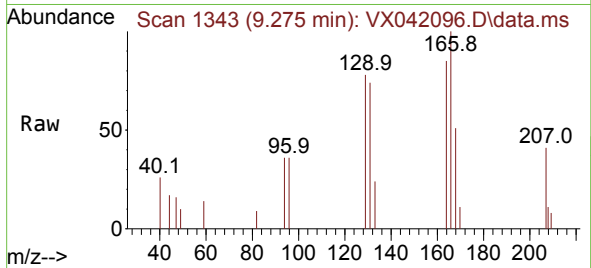




#60
Dibromochloromethane
Concen: 0.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

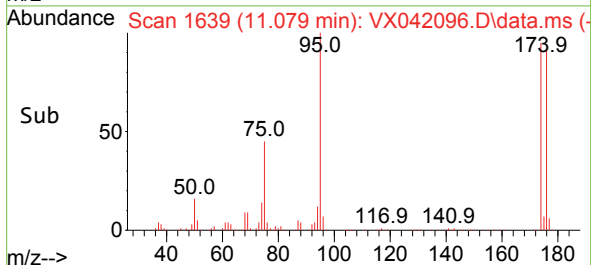
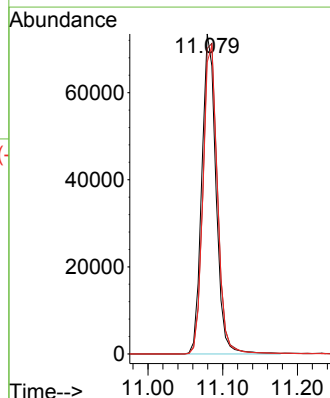
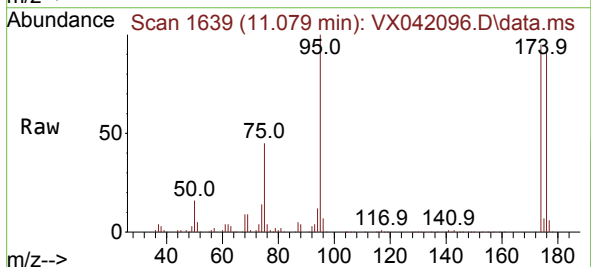
Instrument :
MSVOA_X
ClientSampleId :

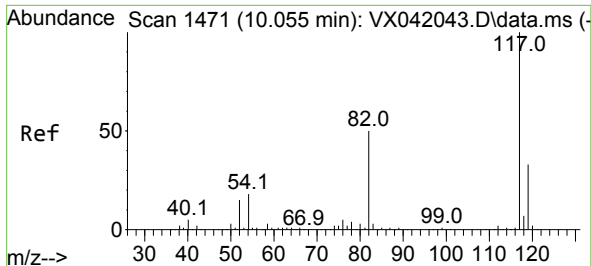
Tgt Ion:129 Resp: 1019
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

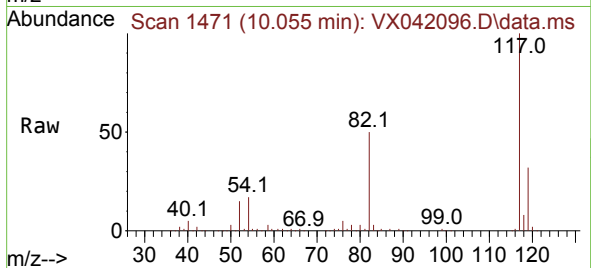
Tgt Ion: 95 Resp: 96595
Ion Ratio Lower Upper
95 100
174 100.6 0.0 135.6
176 97.9 0.0 131.0



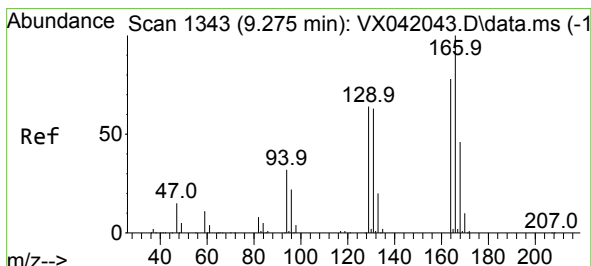
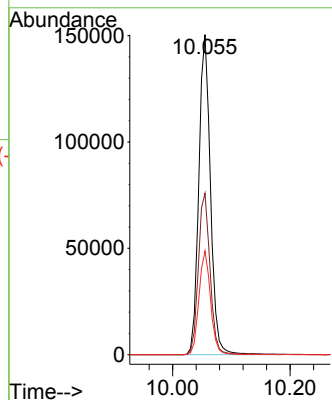
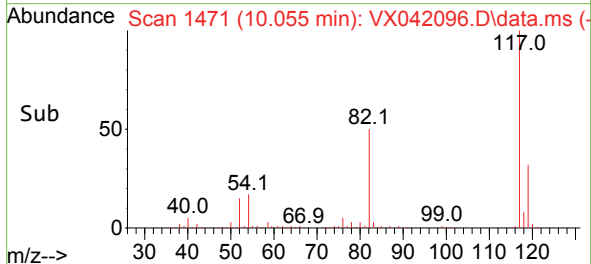


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

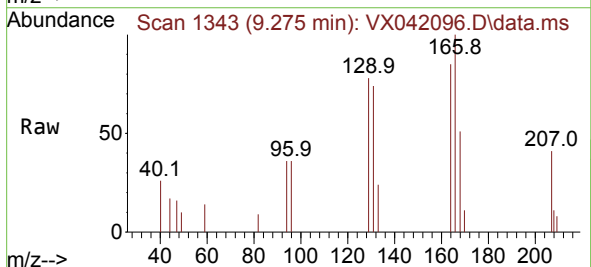
Instrument :
MSVOA_X
ClientSampleId :



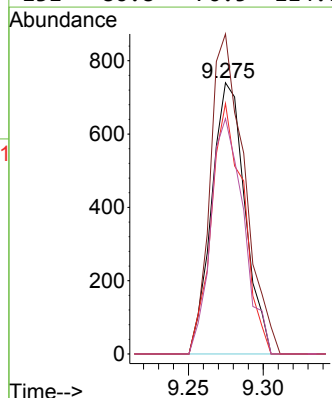
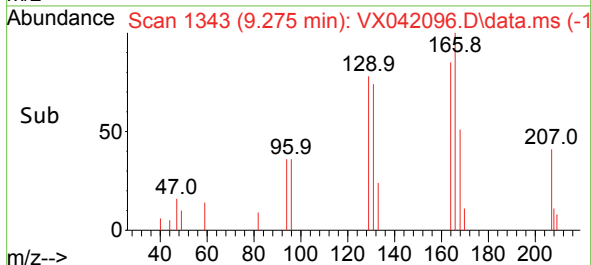
Tgt Ion:117 Resp: 207380
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.4 25.5 38.3

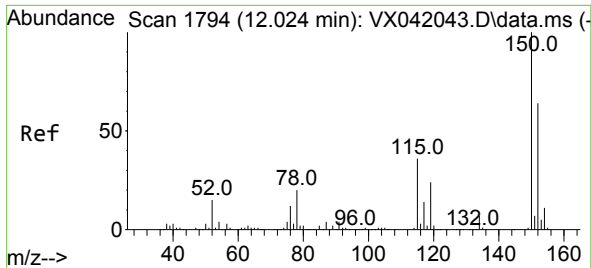


#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22



Tgt Ion:164 Resp: 1147
Ion Ratio Lower Upper
164 100
166 118.0 102.7 154.1
129 92.3 80.4 120.6
131 86.8 76.5 114.7

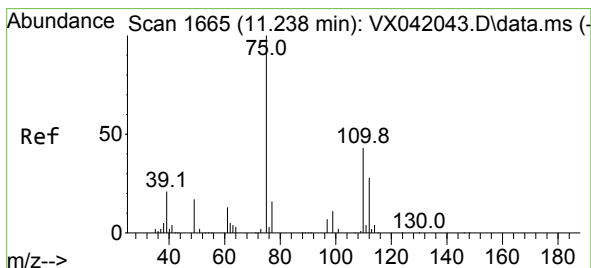
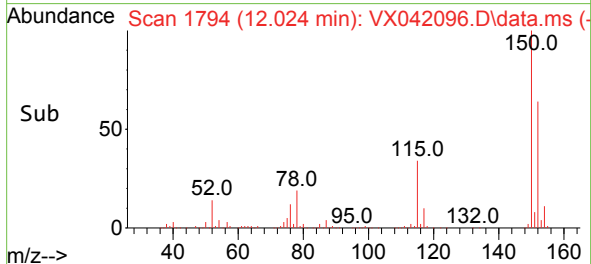
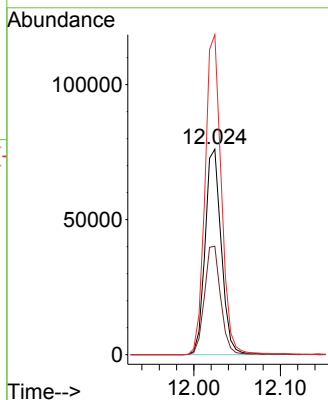
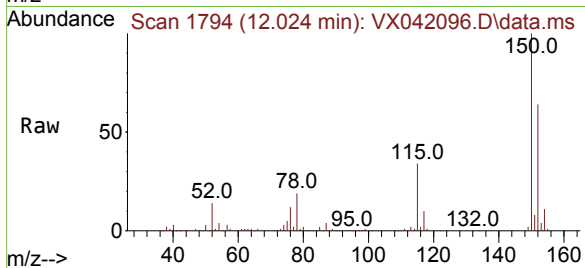




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042096.D
 Acq: 28 Jun 2024 19:22

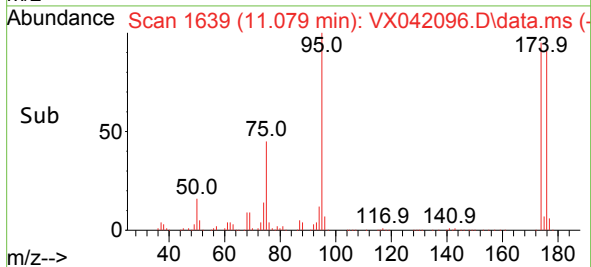
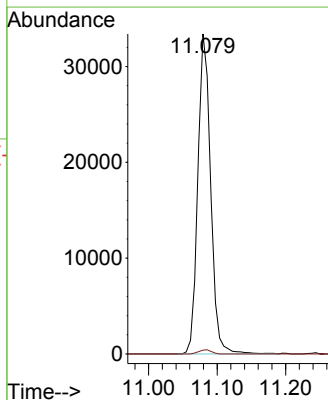
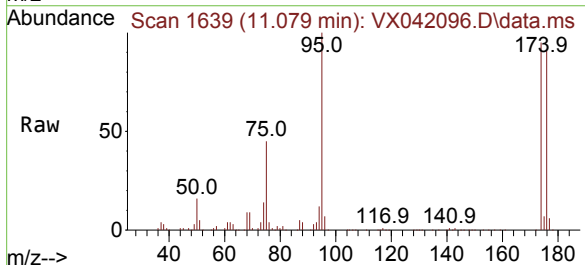
Instrument :
 MSVOA_X
 ClientSampleId :

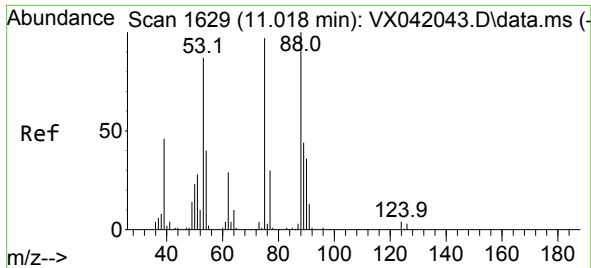
Tgt Ion:152 Resp: 98882
 Ion Ratio Lower Upper
 152 100
 115 53.3 43.3 129.9
 150 156.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.330 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX042096.D
 Acq: 28 Jun 2024 19:22

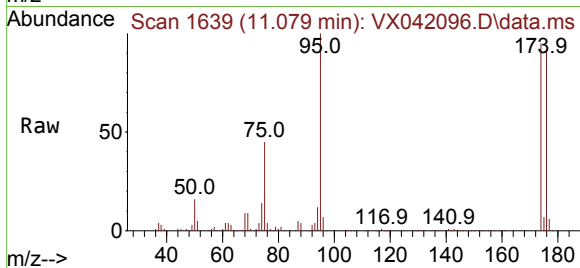
Tgt Ion: 75 Resp: 43675
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



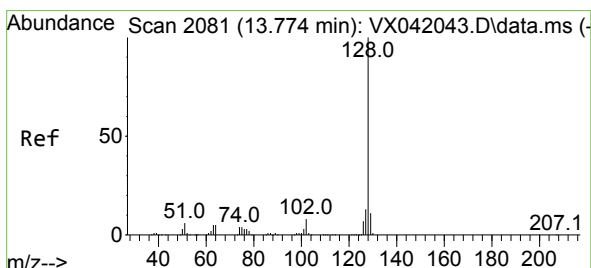
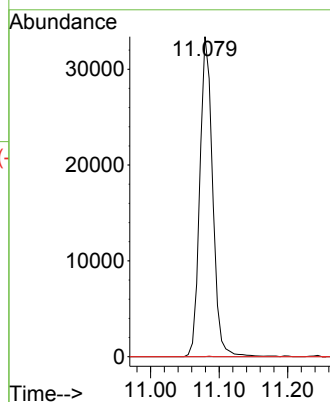
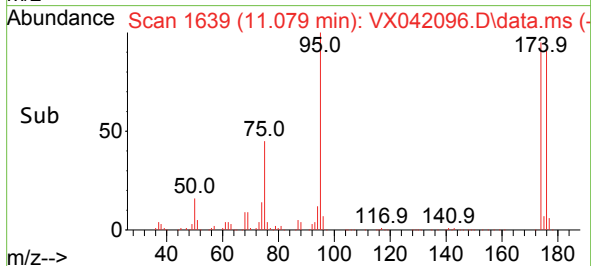


#81
trans-1,4-Dichloro-2-butene
Concen: 69.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22

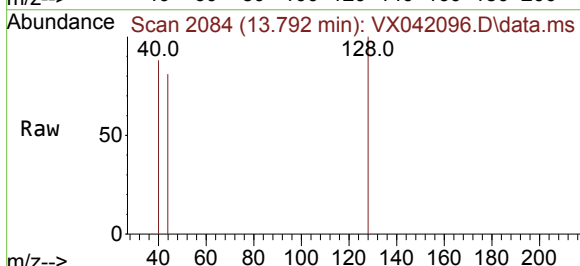
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43675
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.792 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042096.D
Acq: 28 Jun 2024 19:22



Tgt Ion: 128 Resp: 316
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

