

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
 Data File : VX043095.D
 Acq On : 23 Aug 2024 09:21
 Operator : JC/MD
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 00:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 08:42:59 2024
 Response via : Initial Calibration

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

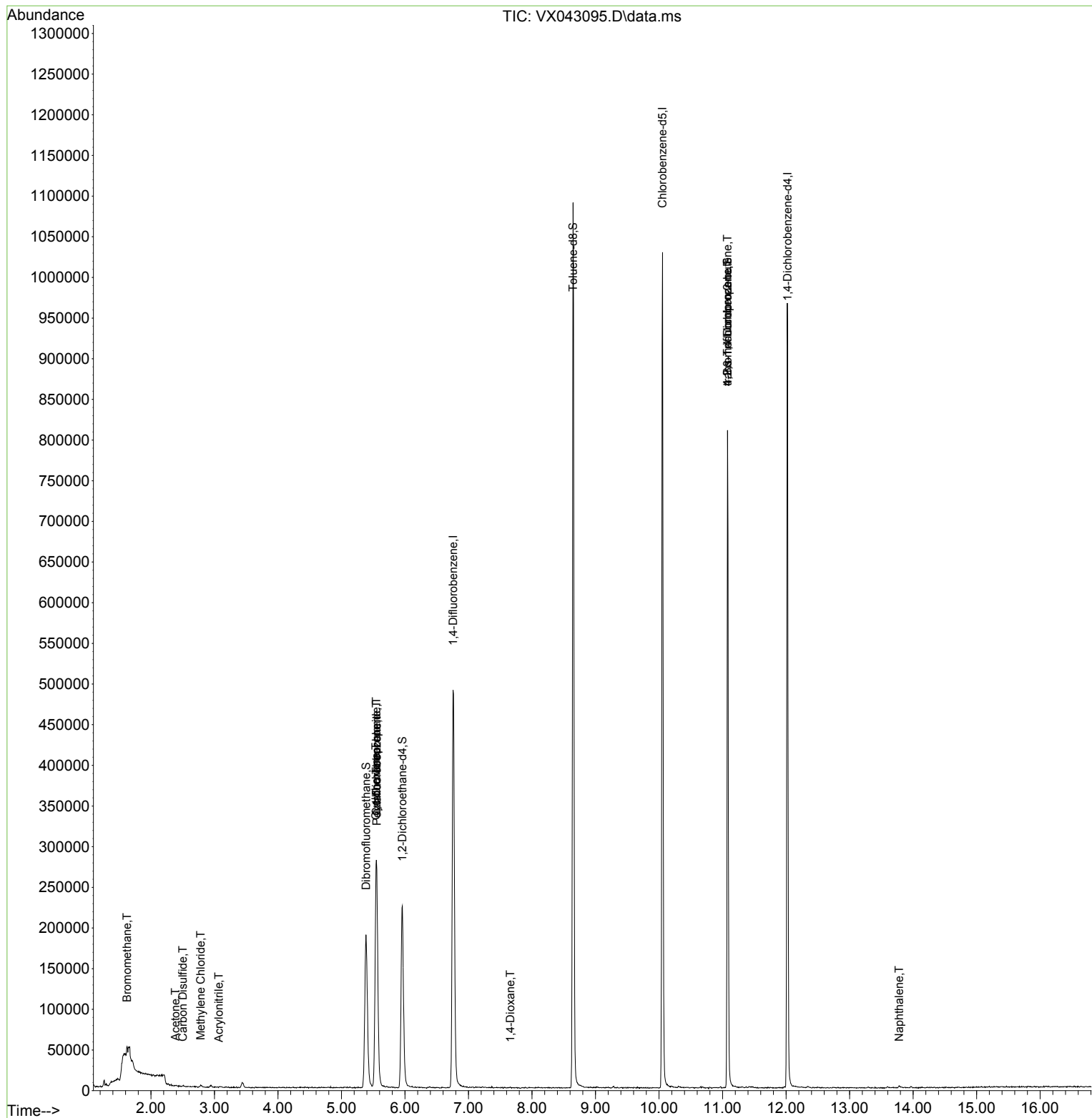
Internal Standards						
1) Pentafluorobenzene	5.556	168	266110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	504029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207143	47.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	162268	46.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.646	98	625555	49.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	205134	46.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	1418	0.629	ug/l #	7
13) Acrolein	2.227	56	428	Below Cal	#	14
15) Acrylonitrile	3.068	53	474	0.223	ug/l #	64
16) Acetone	2.385	43	1472	0.767	ug/l	97
17) Carbon Disulfide	2.501	76	1703	0.211	ug/l #	89
20) Methylene Chloride	2.782	84	848	0.228	ug/l #	70
31) Cyclohexane	5.543	56	7470	1.370	ug/l #	17
36) 1,1-Dichloropropene	5.549	75	23978	5.442	ug/l #	42
38) Carbon Tetrachloride	5.549	117	27218	5.912	ug/l #	17
49) 1,4-Dioxane	7.659	88	26	0.295	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	114566	25.581	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	114566	59.292	ug/l #	5
95) Naphthalene	13.780	128	2750	0.201	ug/l #	82

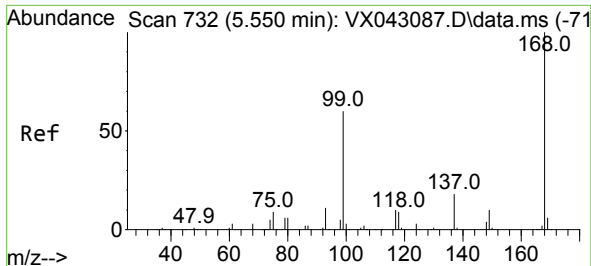
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
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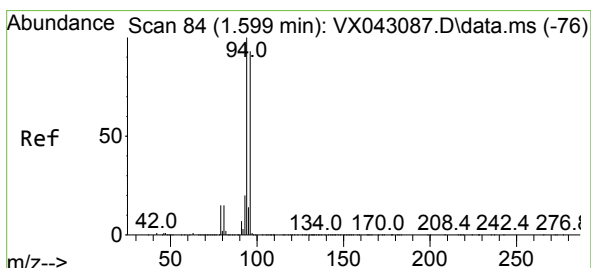
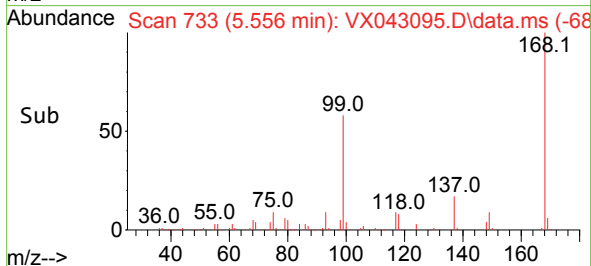
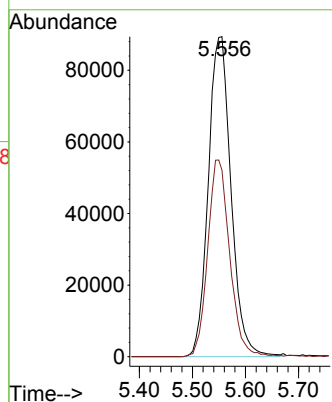
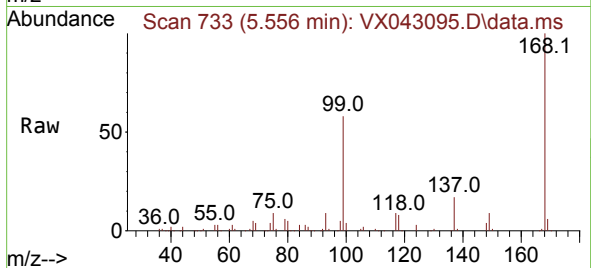




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

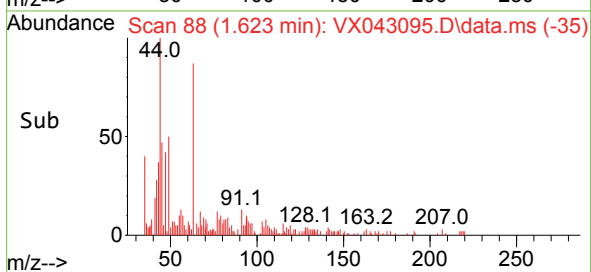
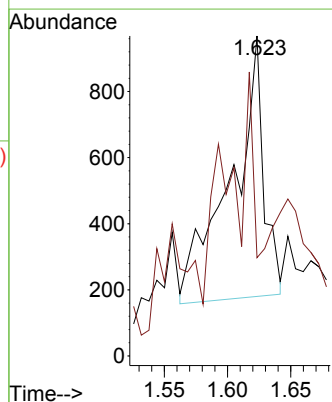
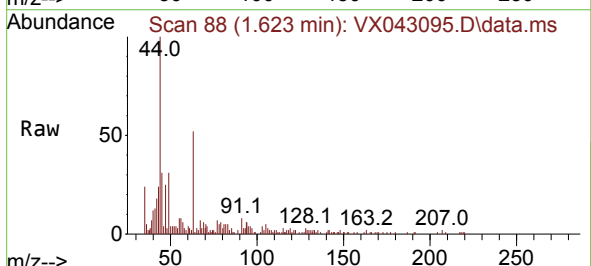
Instrument :
MSVOA_X
ClientSampleId :

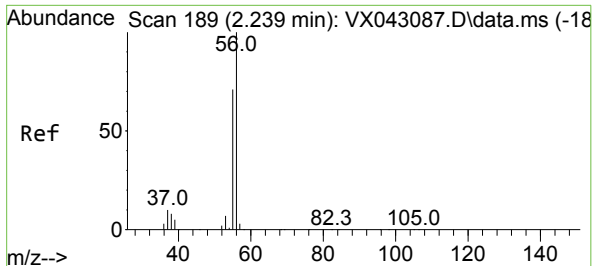
Tgt Ion:168 Resp: 266110
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#5
Bromomethane
Concen: 0.629 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Tgt Ion: 94 Resp: 1418
Ion Ratio Lower Upper
94 100
96 4.2 74.6 111.8#

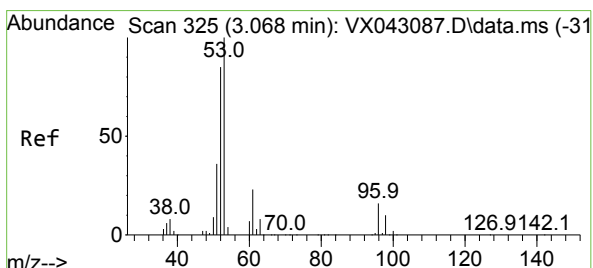
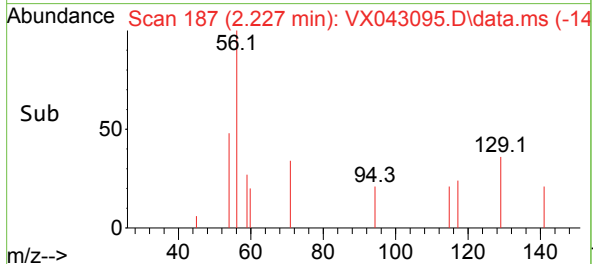
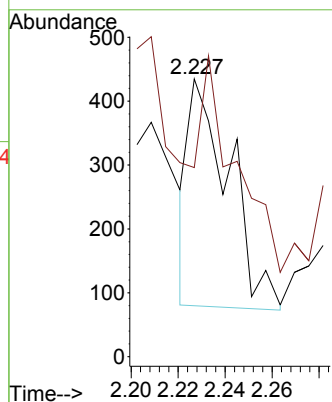
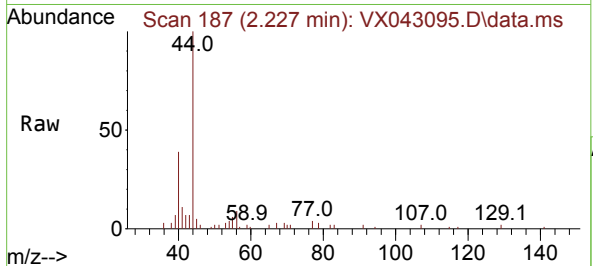




#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

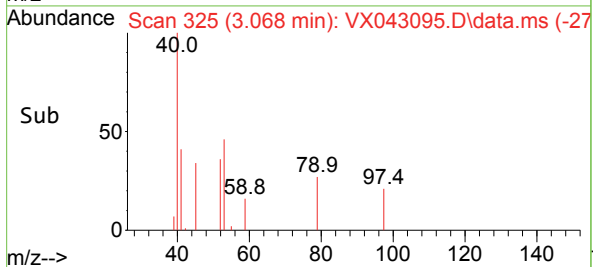
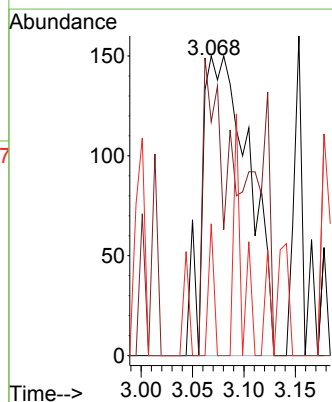
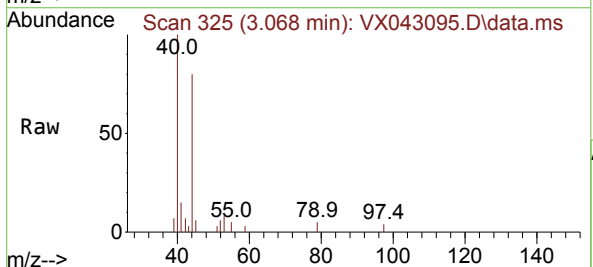
Instrument :
MSVOA_X
ClientSampleId :

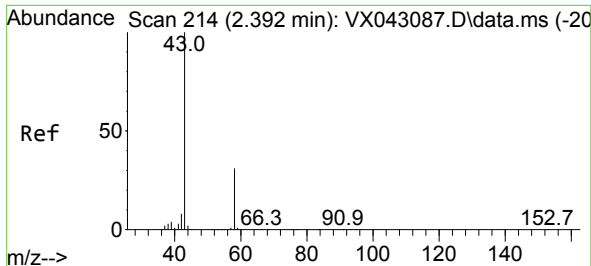
Tgt Ion: 56 Resp: 428
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Tgt Ion: 53 Resp: 474
Ion Ratio Lower Upper
53 100
52 57.0 66.0 99.0#
51 5.1 29.8 44.6#

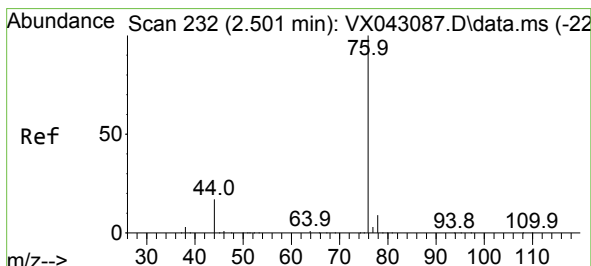
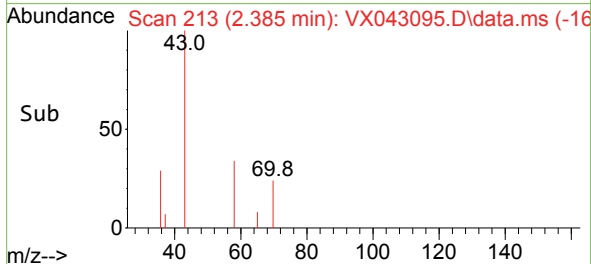
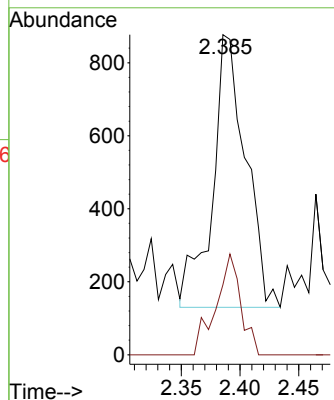
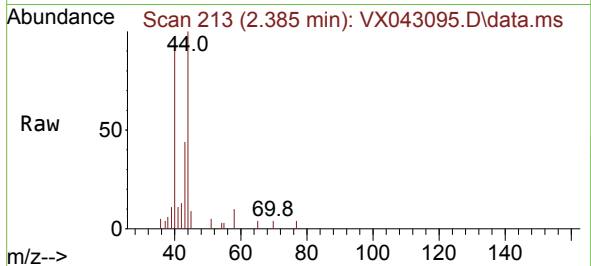




#16
Acetone
Concen: 0.767 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

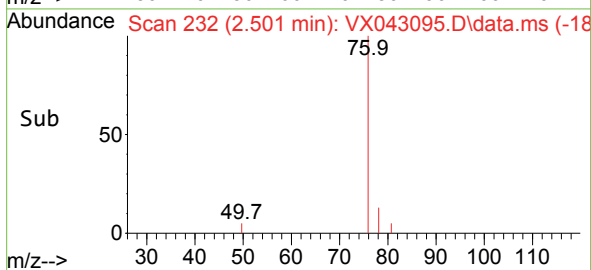
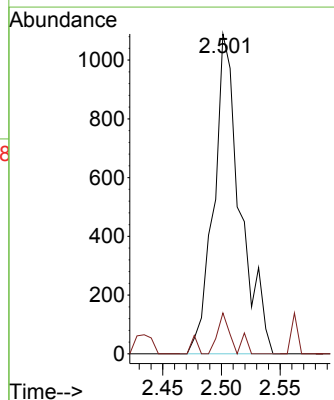
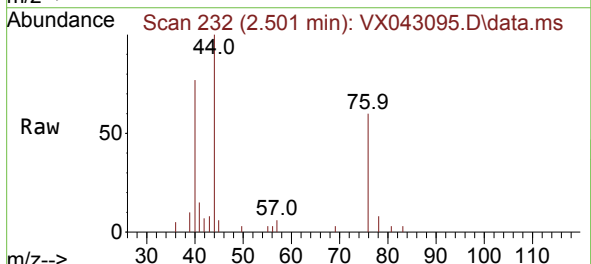
Instrument :
MSVOA_X
ClientSampleId :

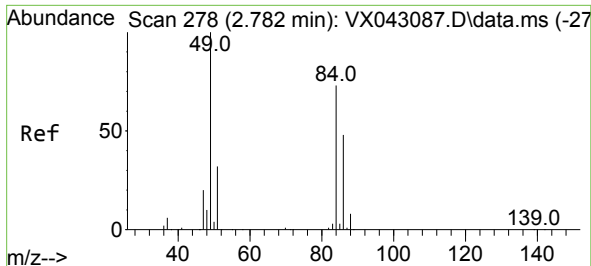
Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

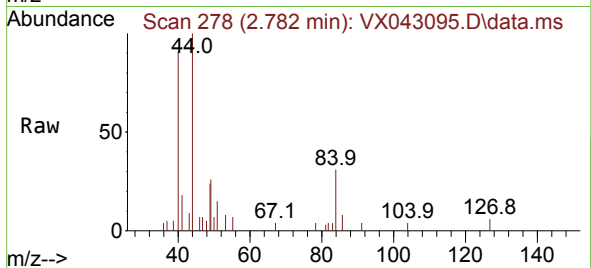
Tgt Ion: 76 Resp: 1703
Ion Ratio Lower Upper
76 100
78 12.8 7.0 10.6#



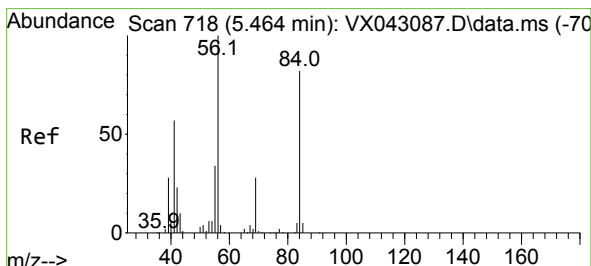
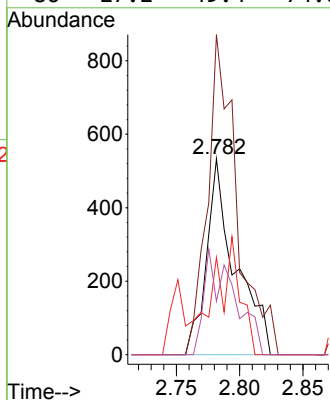
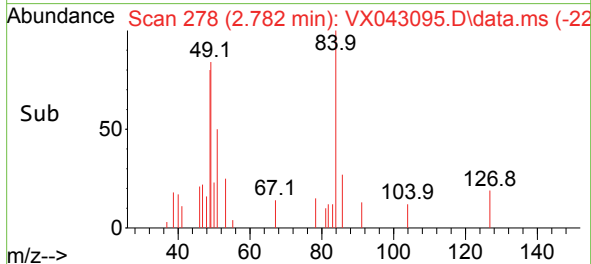


#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

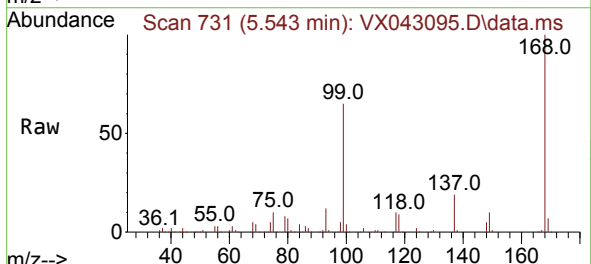
Instrument :
MSVOA_X
ClientSampleId :



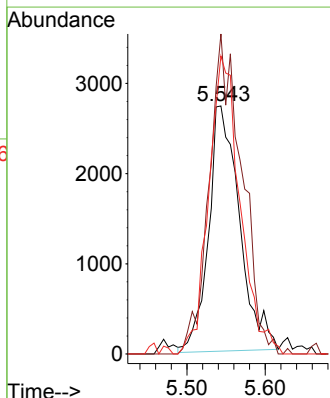
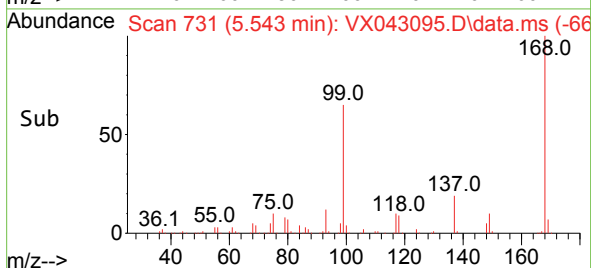
Tgt Ion: 84 Resp: 848
Ion Ratio Lower Upper
84 100
49 163.4 103.6 155.4#
51 49.7 33.8 50.6
86 27.2 49.4 74.0#

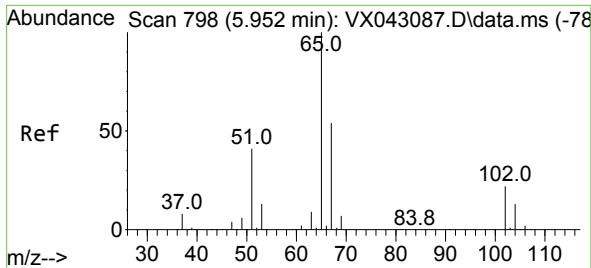


#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21



Tgt Ion: 56 Resp: 7470
Ion Ratio Lower Upper
56 100
69 131.5 23.4 35.2#
84 122.5 65.9 98.9#

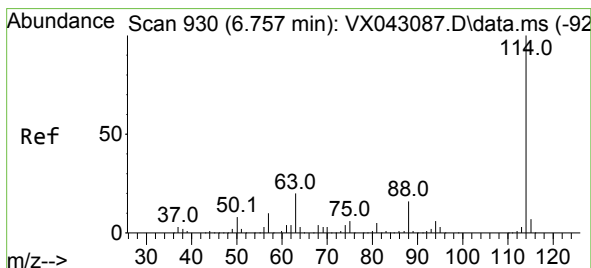
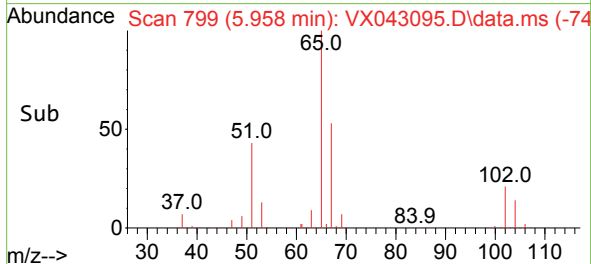
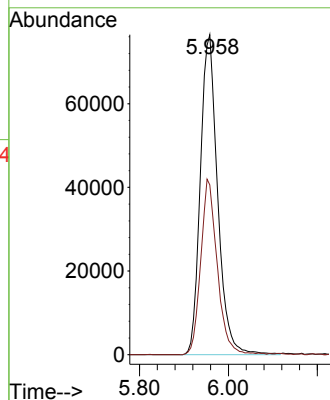
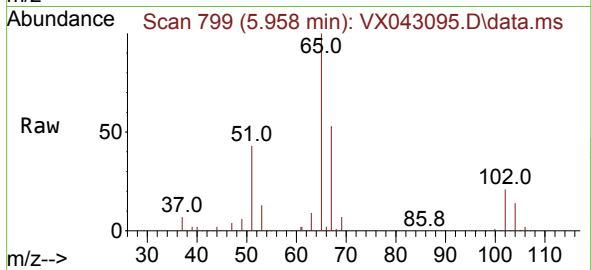




#33
 1,2-Dichloroethane-d4
 Concen: 47.356 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043095.D
 Acq: 23 Aug 2024 09:21

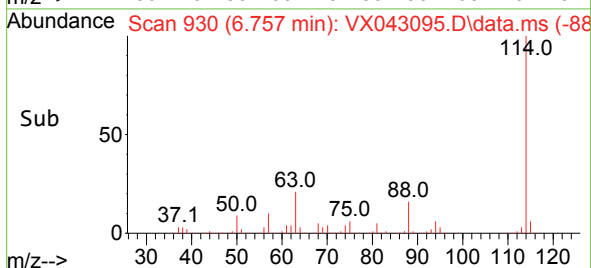
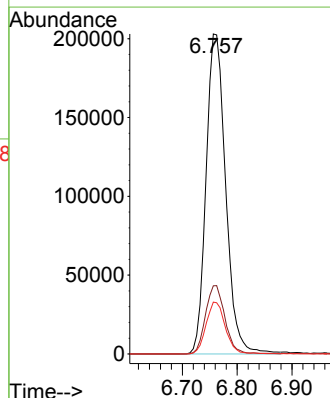
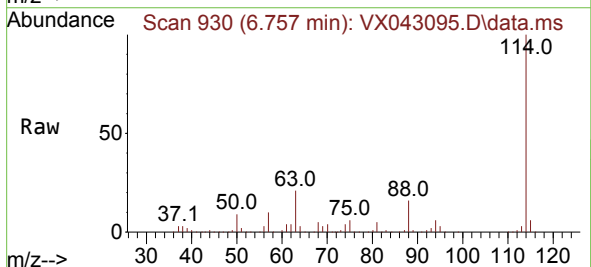
Instrument :
 MSVOA_X
 ClientSampleId :

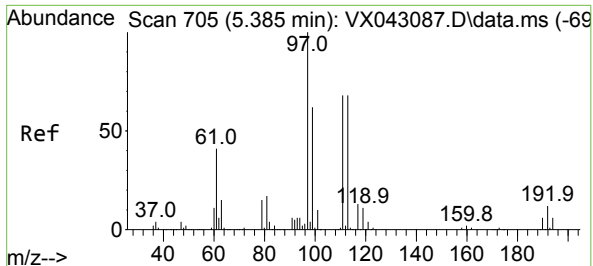
Tgt Ion: 65 Resp: 207143
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043095.D
 Acq: 23 Aug 2024 09:21

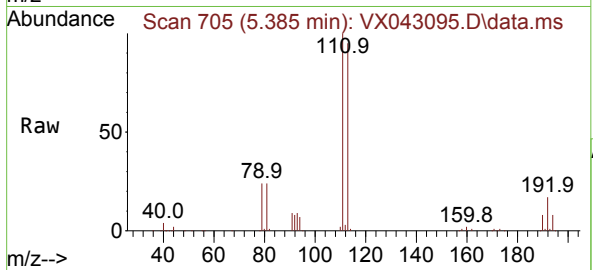
Tgt Ion: 114 Resp: 504029
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 16.2 0.0 36.6



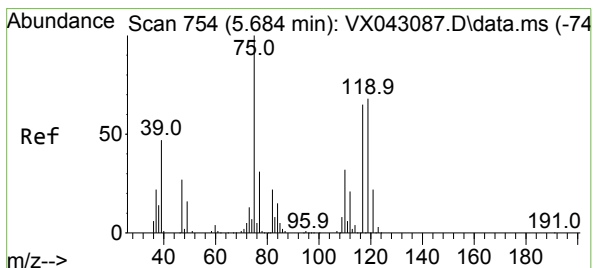
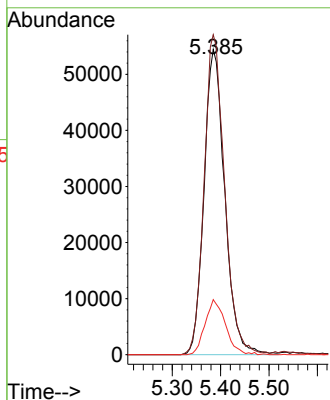
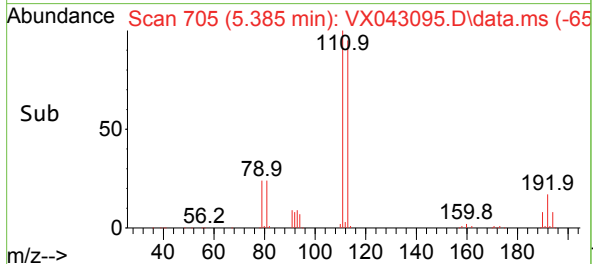


#35
Dibromofluoromethane
Concen: 46.660 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

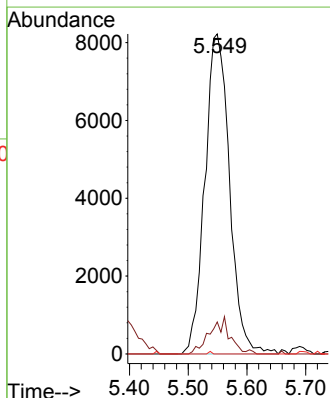
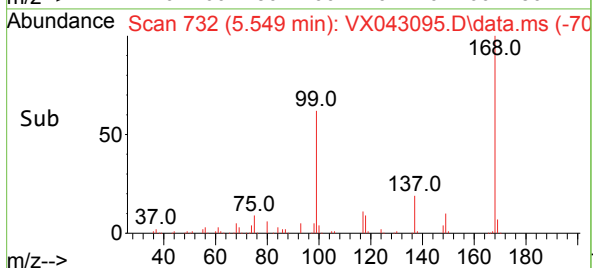
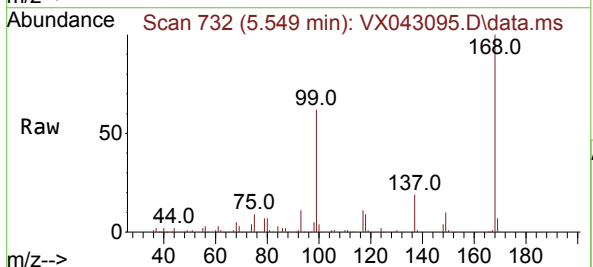


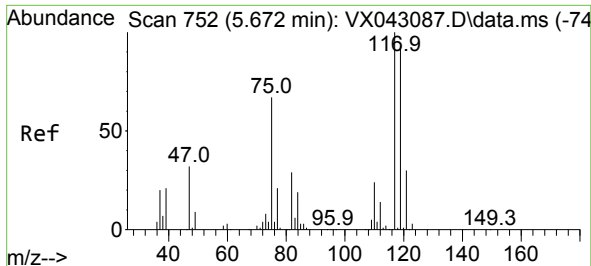
Tgt Ion:113 Resp: 162268
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.442 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

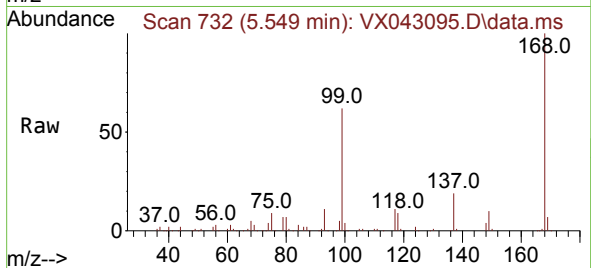
Tgt Ion: 75 Resp: 23978
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.1 24.7 37.1#



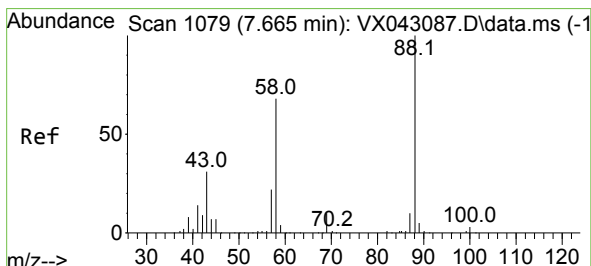
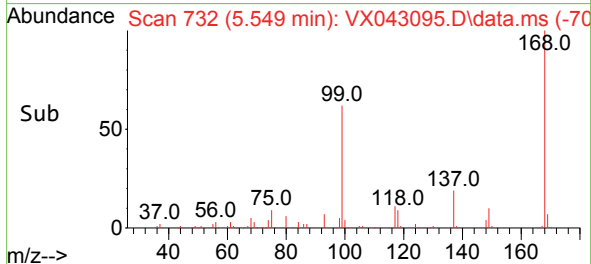
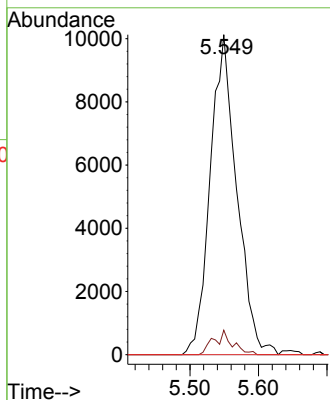


#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

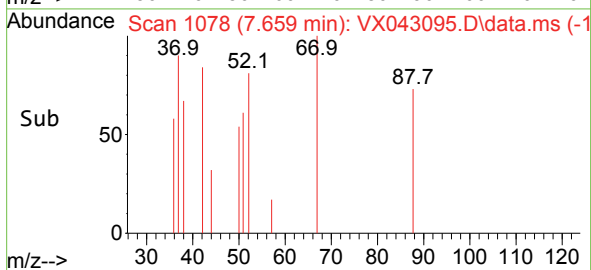
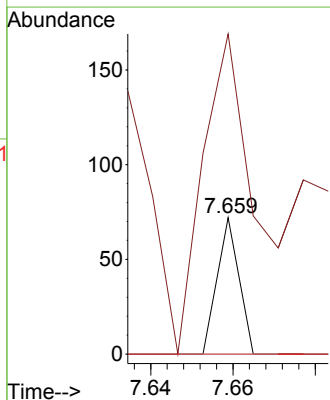
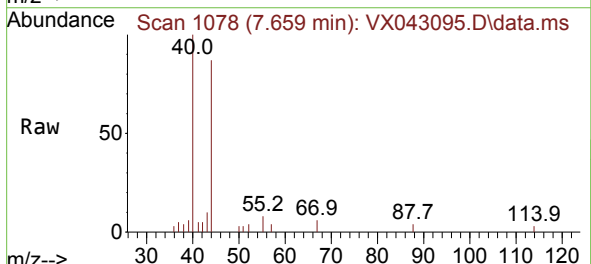


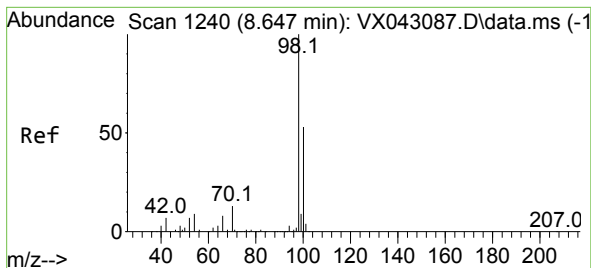
Tgt Ion:117 Resp: 27218
Ion Ratio Lower Upper
117 100
119 7.6 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.295 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

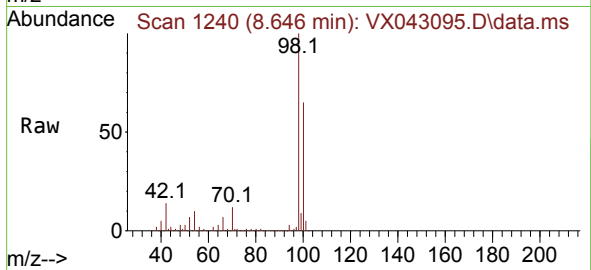
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 569.2 0.0 0.0#
58 0.0 60.1 90.1#



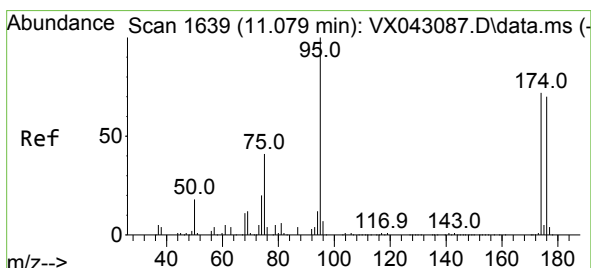
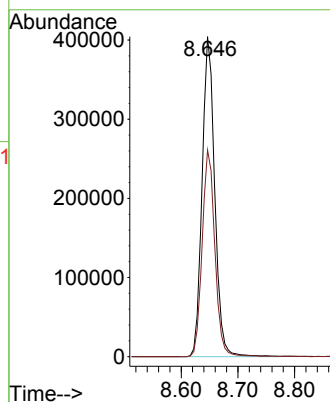
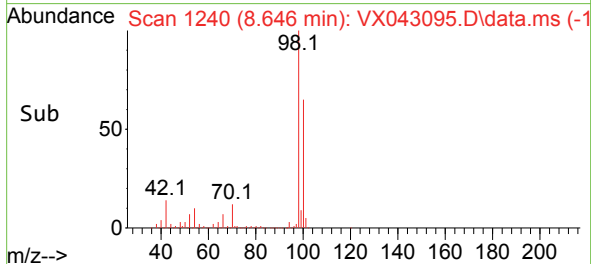


#50
Toluene-d8
Concen: 49.882 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :

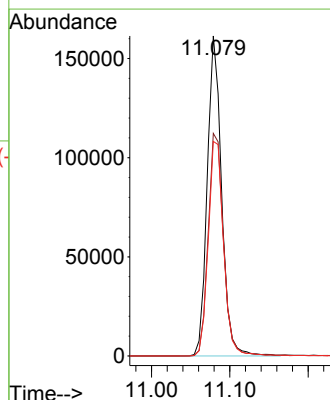
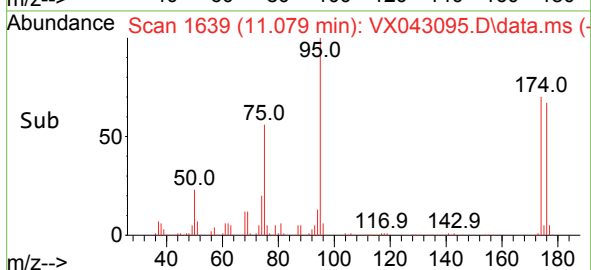
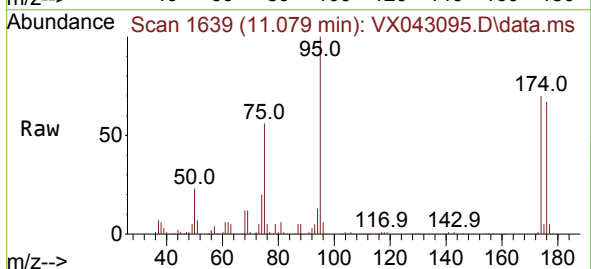


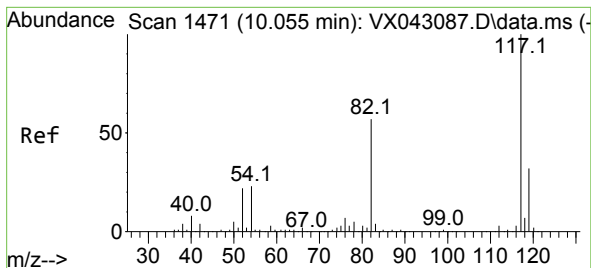
Tgt Ion: 98 Resp: 625555
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

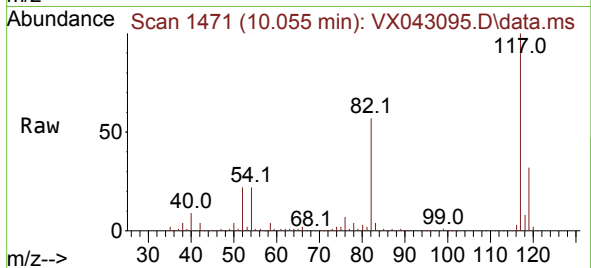
Tgt Ion: 95 Resp: 205134
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.9 0.0 131.0



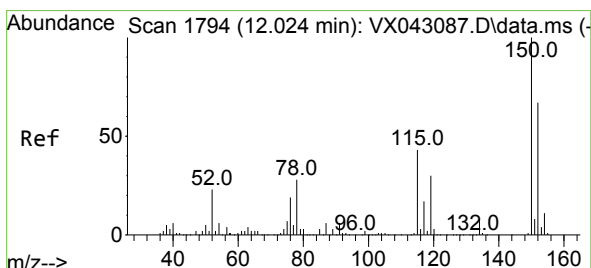
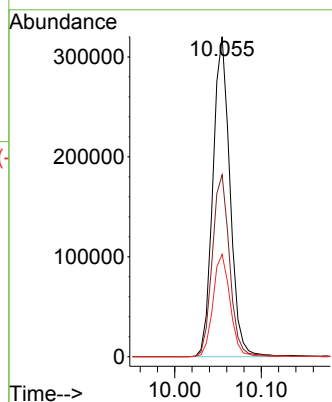
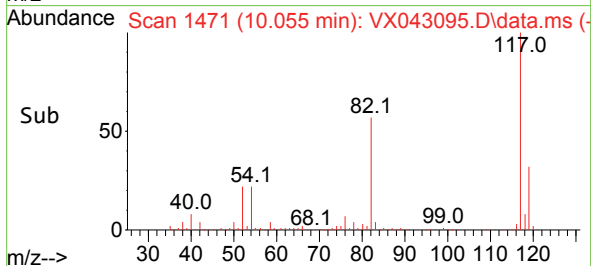


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

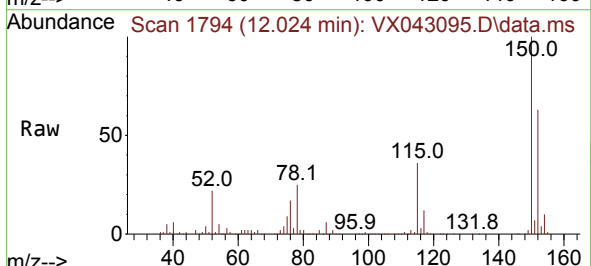
Instrument :
MSVOA_X
ClientSampleId :



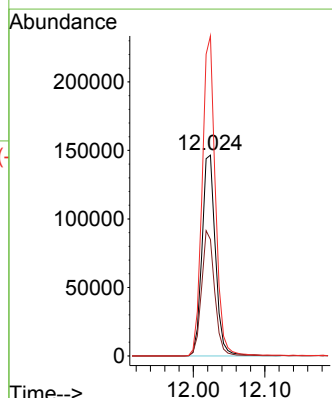
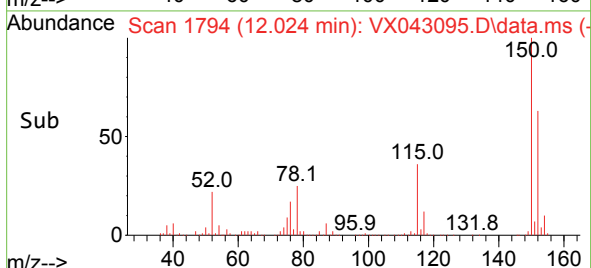
Tgt Ion:117 Resp: 438875
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.0 25.5 38.3

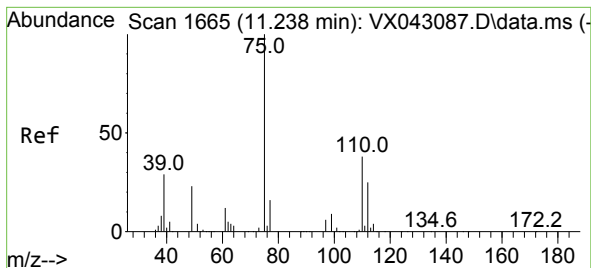


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21



Tgt Ion:152 Resp: 192319
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.581 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043095.D

Acq: 23 Aug 2024 09:21

Instrument :

MSVOA_X

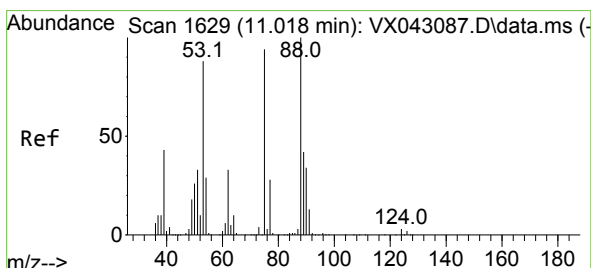
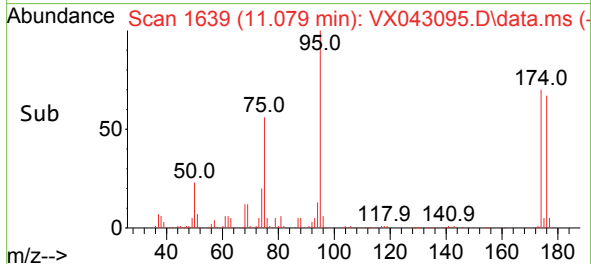
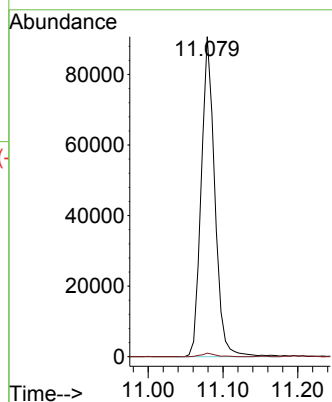
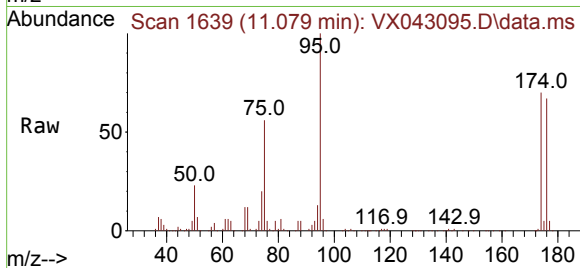
ClientSampleId :

Tgt Ion: 75 Resp: 114566

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043095.D

Acq: 23 Aug 2024 09:21

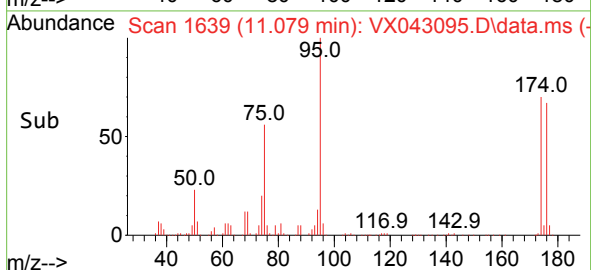
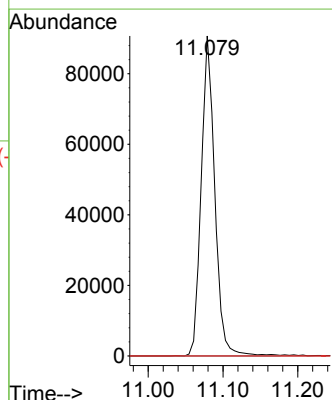
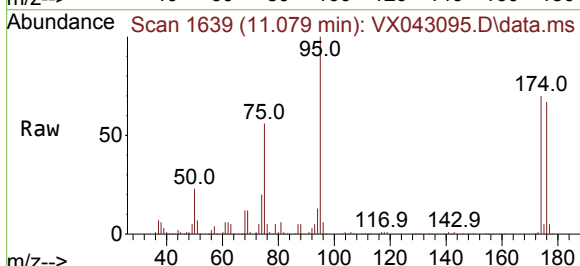
Tgt Ion: 75 Resp: 114566

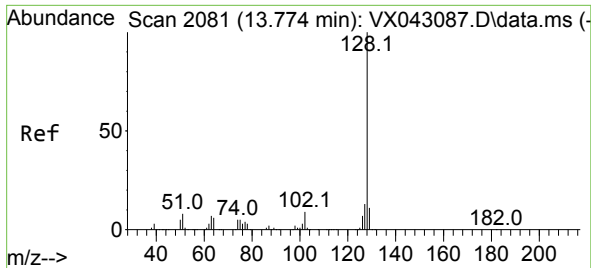
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

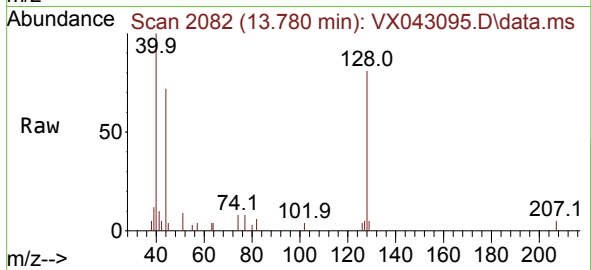
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043095.D
Acq: 23 Aug 2024 09:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	3.7	10.3	15.5#
129	6.5	8.8	13.2#

