

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
 Data File : VX043098.D
 Acq On : 23 Aug 2024 14:30
 Operator : JC/MD
 Sample : P3706-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 00:47:25 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)

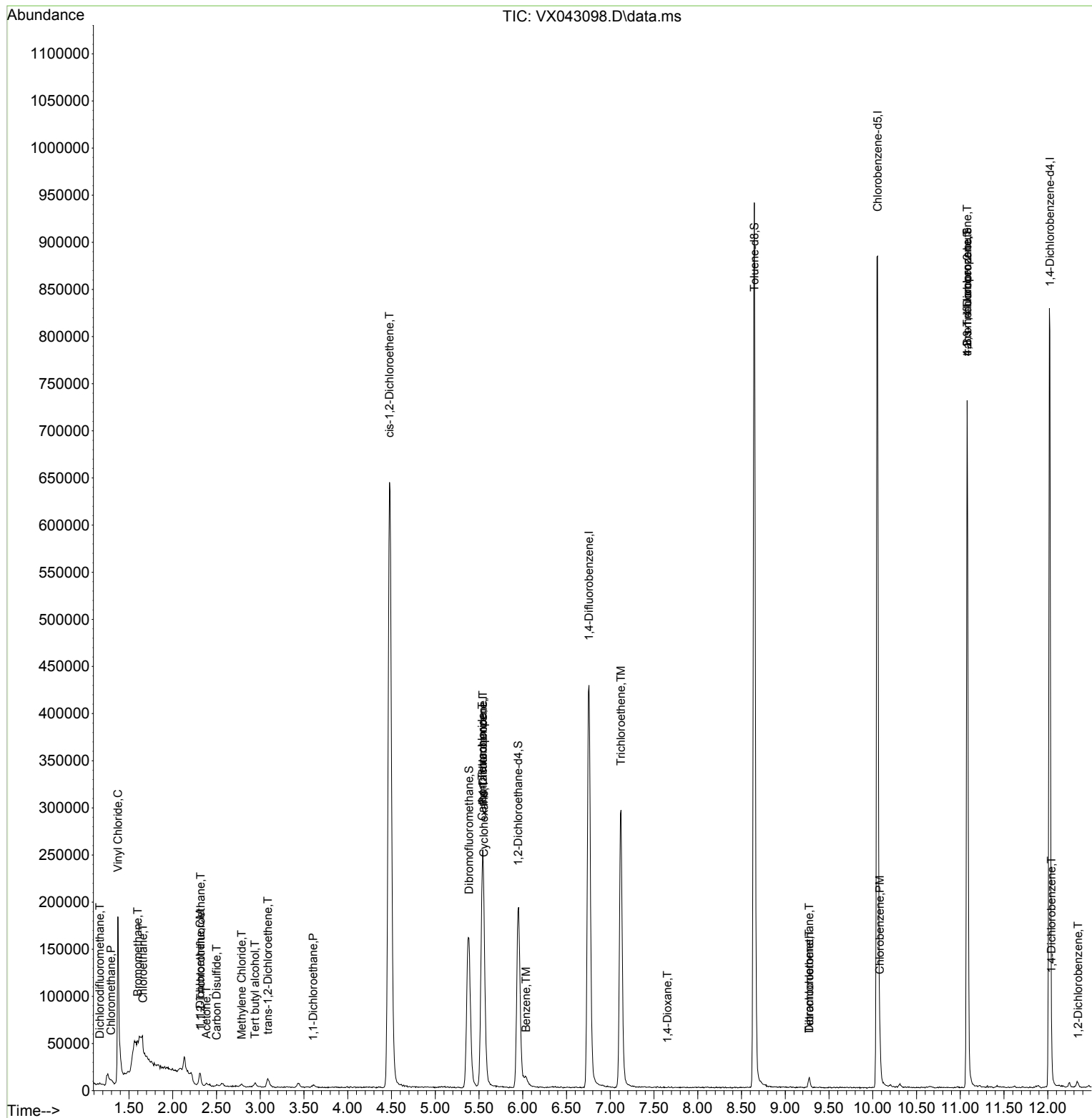
Internal Standards						
1) Pentafluorobenzene	5.544	168	231968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	181678	47.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	5.385	113	143042	46.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	559376	50.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	181360	46.579	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	422	0.203	ug/l #	64
3) Chloromethane	1.294	50	1533	0.493	ug/l	90
4) Vinyl Chloride	1.374	62	133531	40.536	ug/l	98
5) Bromomethane	1.599	94	674	0.343	ug/l #	34
6) Chloroethane	1.660	64	4758	2.714	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	2.319	101	817	0.301	ug/l	97
11) Tert butyl alcohol	2.940	59	1360	1.722	ug/l #	83
12) 1,1-Dichloroethene	2.312	96	3683	1.351	ug/l #	77
13) Acrolein	2.197	56	926	Below Cal	#	33
16) Acetone	2.386	43	4104	2.453	ug/l	91
17) Carbon Disulfide	2.501	76	2014	0.287	ug/l	96
20) Methylene Chloride	2.788	84	1314	0.405	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	3539	1.263	ug/l	91
24) 1,1-Dichloroethane	3.605	63	2776	0.492	ug/l #	85
27) cis-1,2-Dichloroethene	4.477	96	399084	113.863	ug/l	86
31) Cyclohexane	5.556	56	6123	1.288	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	20910	5.320	ug/l #	51
38) Carbon Tetrachloride	5.538	117	24898	6.063	ug/l #	14
40) Benzene	6.037	78	12034	0.941	ug/l	97
44) Trichloroethene	7.123	130	113152	38.814	ug/l	90
49) 1,4-Dioxane	7.653	88	47	0.599	ug/l #	38
60) Dibromochloromethane	9.275	129	1863	0.539	ug/l #	11
64) Tetrachloroethene	9.275	164	1995	0.758	ug/l #	85
65) Chlorobenzene	10.079	112	19294	2.197	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	102878	26.149	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	102878	60.610	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	5965	1.055	ug/l #	68
91) 1,2-Dichlorobenzene	12.347	146	1772	0.313	ug/l	86

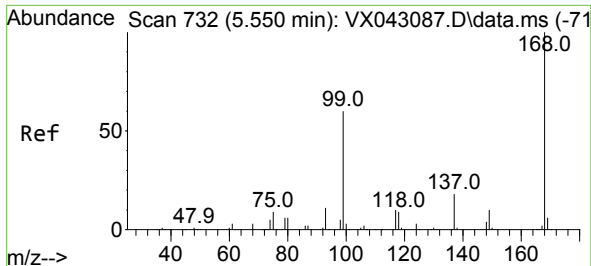
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
Data File : VX043098.D
Acq On : 23 Aug 2024 14:30
Operator : JC/MD
Sample : P3706-02
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 24 00:47:25 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

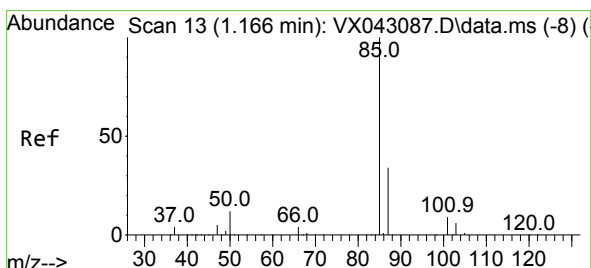
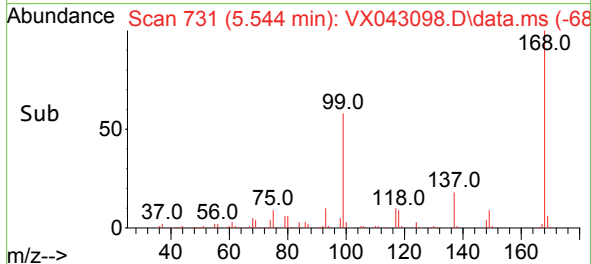
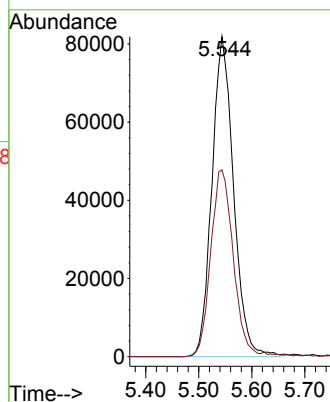
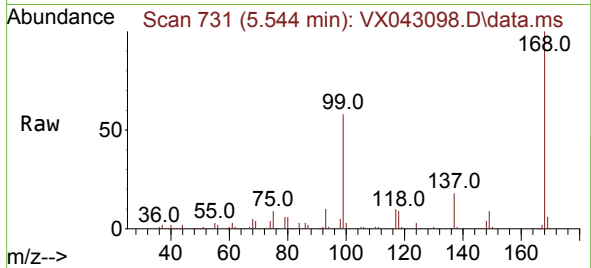




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

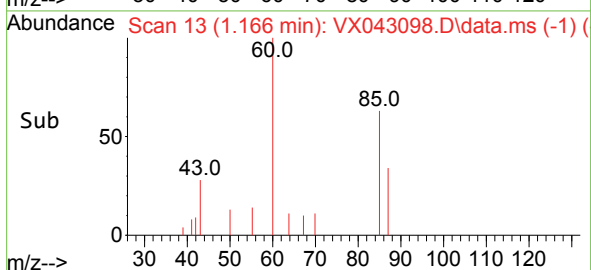
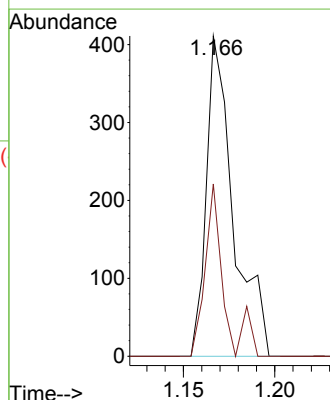
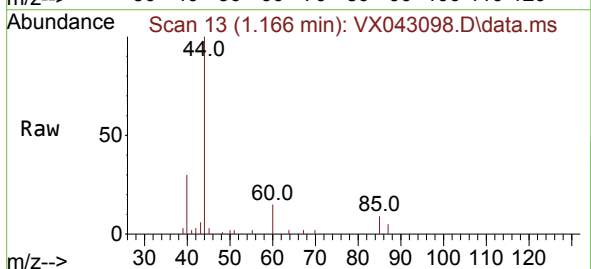
Instrument :
MSVOA_X
ClientSampleId :

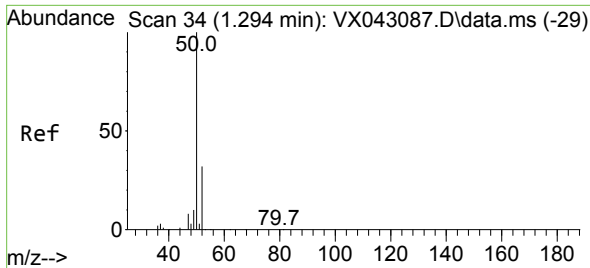
Tgt Ion:168 Resp: 231968
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.203 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 85 Resp: 422
Ion Ratio Lower Upper
85 100
87 53.8 16.7 50.1#

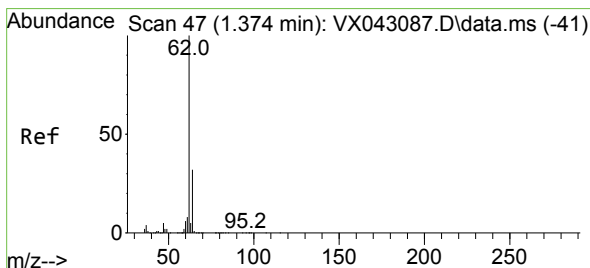
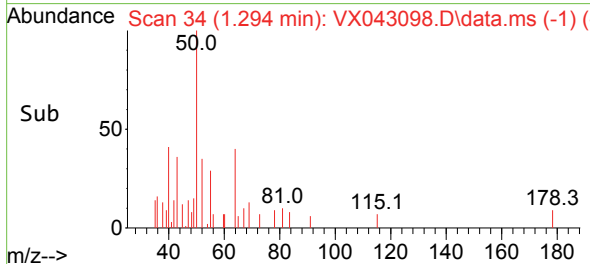
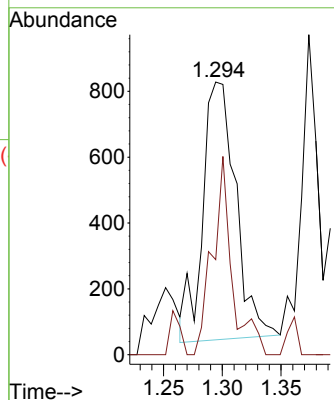
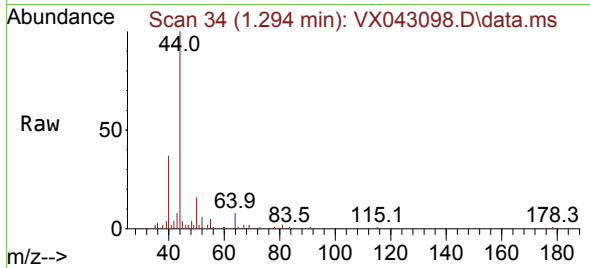




#3
Chloromethane
Concen: 0.493 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

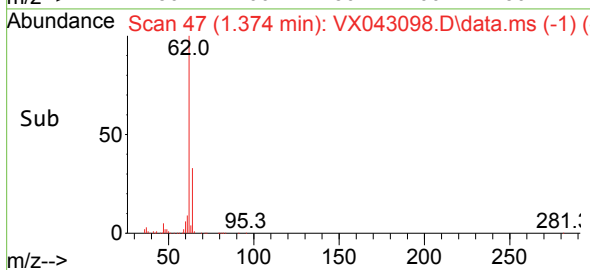
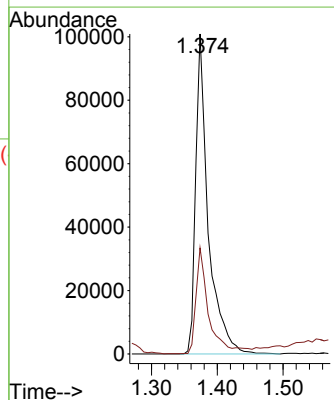
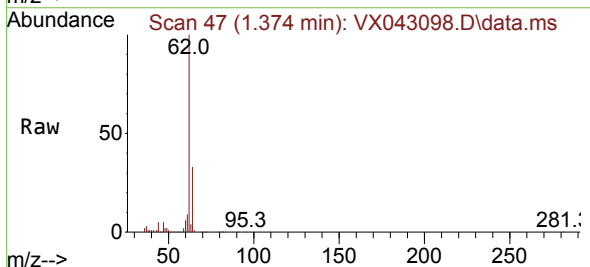
Instrument :
MSVOA_X
ClientSampleId :

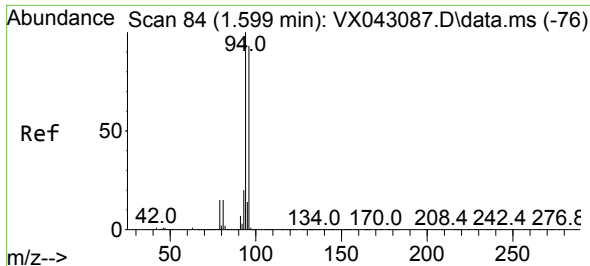
Tgt Ion: 50 Resp: 1533
Ion Ratio Lower Upper
50 100
52 37.6 25.5 38.3



#4
Vinyl Chloride
Concen: 40.536 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 62 Resp: 133531
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

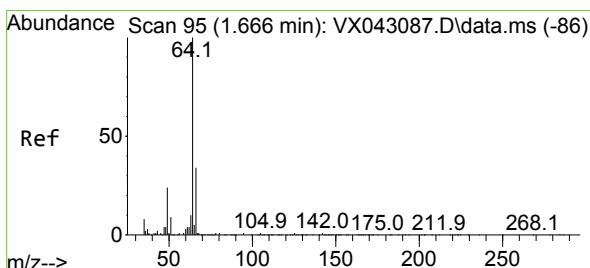
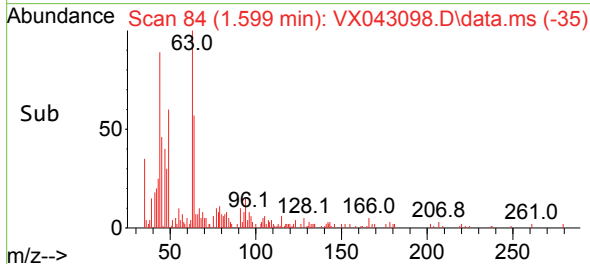
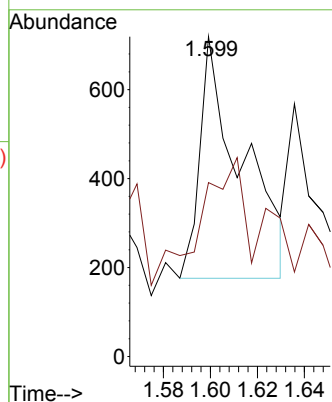
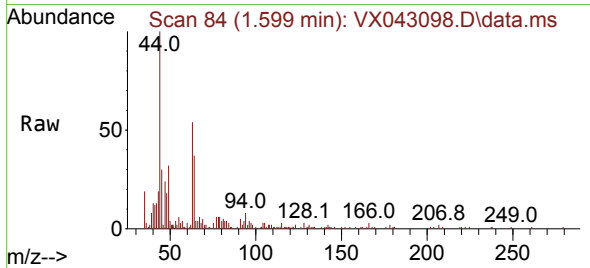




#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

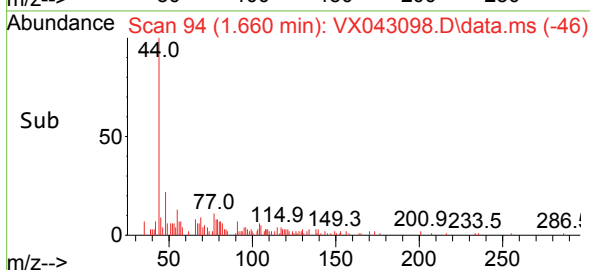
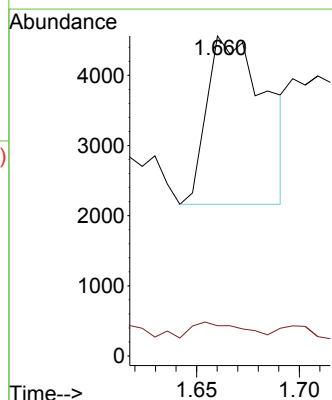
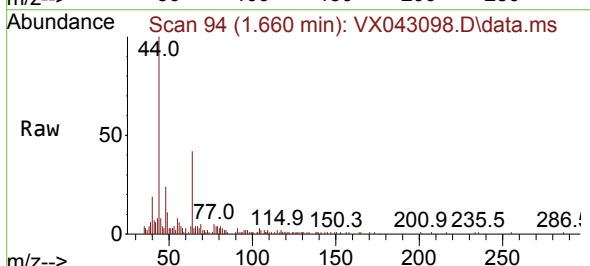
Instrument :
MSVOA_X
ClientSampleId :

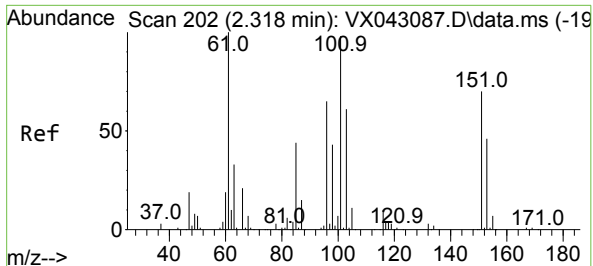
Tgt Ion: 94 Resp: 674
Ion Ratio Lower Upper
94 100
96 30.2 74.6 111.8#



#6
Chloroethane
Concen: 2.714 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 64 Resp: 4758
Ion Ratio Lower Upper
64 100
66 7.4 25.1 37.7#

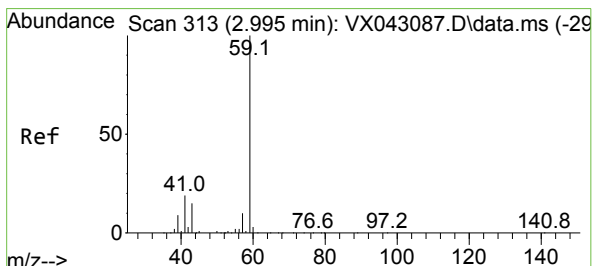
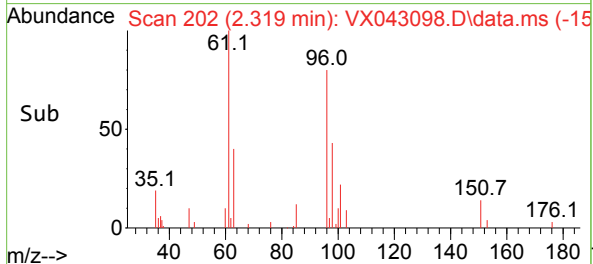
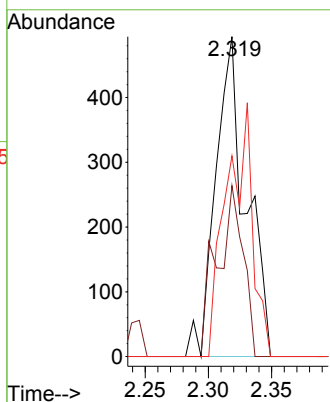
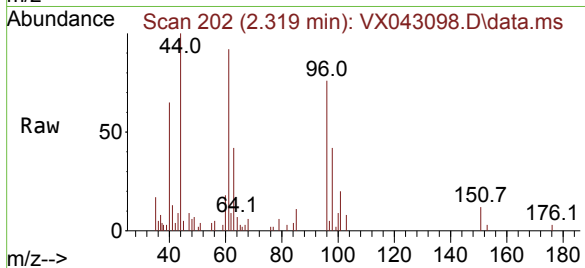




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.301 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

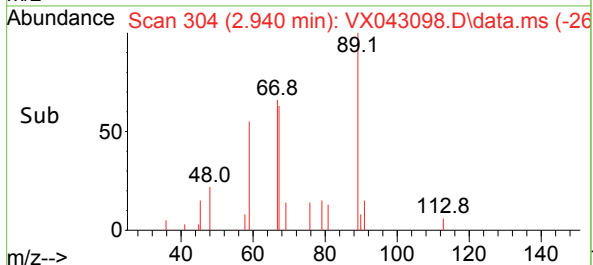
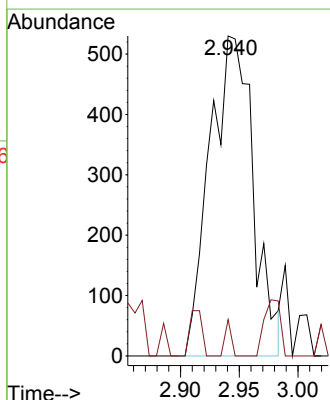
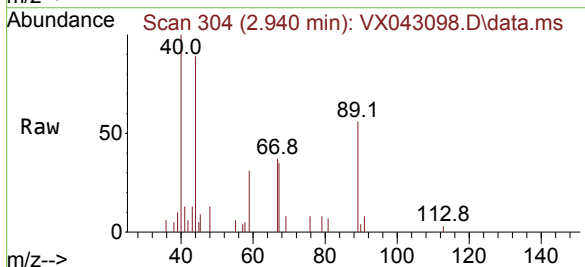
Instrument :
MSVOA_X
ClientSampleId :

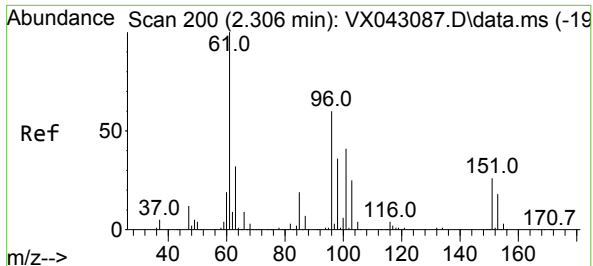
Tgt Ion:101 Resp: 817
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 68.7 58.6 87.8



#11
Tert butyl alcohol
Concen: 1.722 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 59 Resp: 1360
Ion Ratio Lower Upper
59 100
57 1.6 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 1.351 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

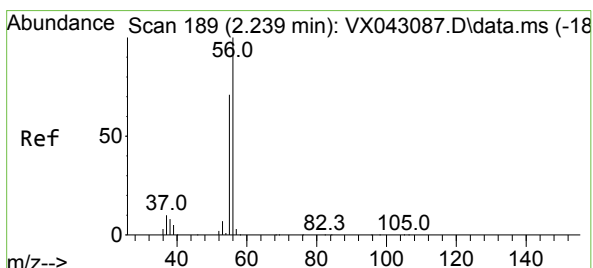
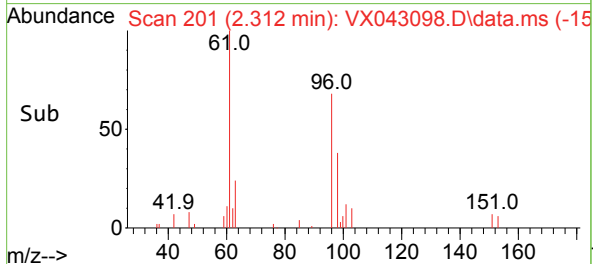
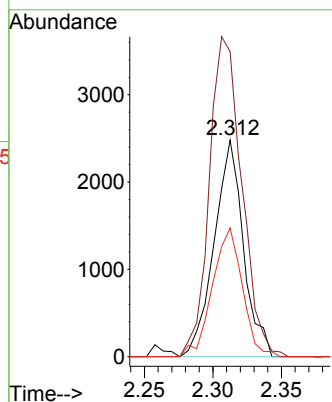
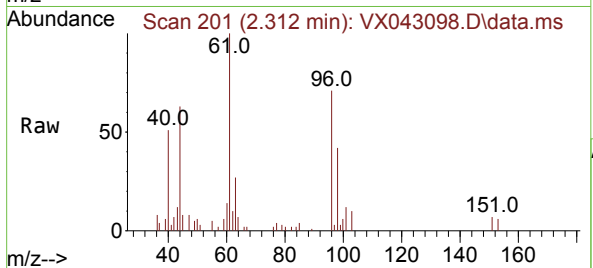
Tgt Ion: 96 Resp: 3683

Ion Ratio Lower Upper

96 100

61 138.8 144.6 216.8#

98 59.4 50.4 75.6



#13

Acrolein

Concen: Below Cal

RT: 2.197 min Scan# 182

Delta R.T. -0.042 min

Lab File: VX043098.D

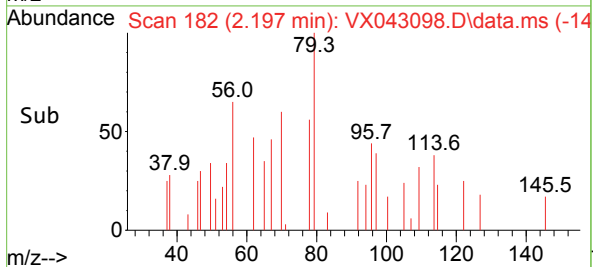
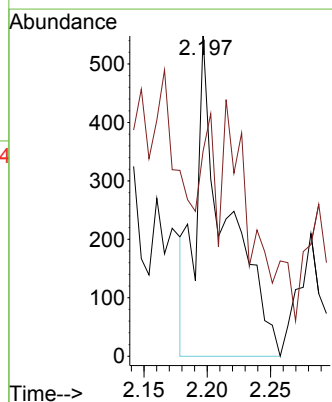
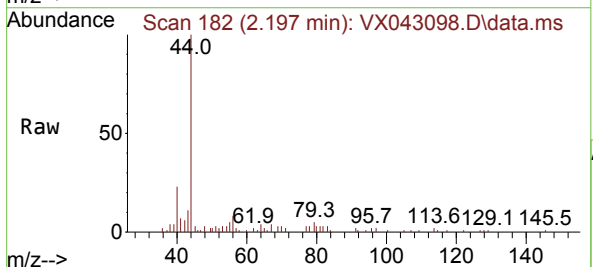
Acq: 23 Aug 2024 14:30

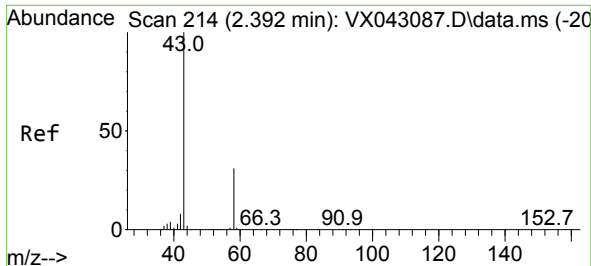
Tgt Ion: 56 Resp: 926

Ion Ratio Lower Upper

56 100

55 15.4 57.1 85.7#

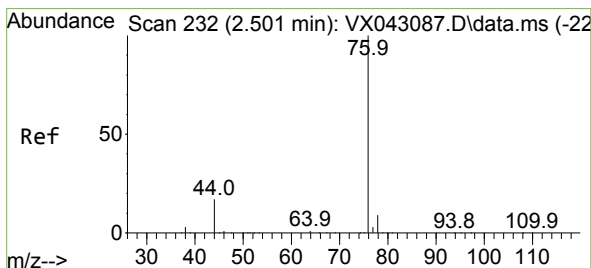
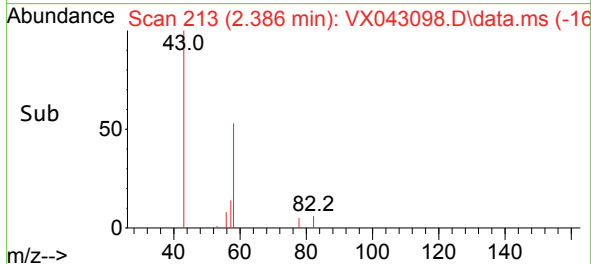
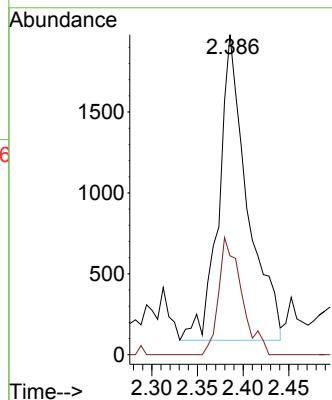
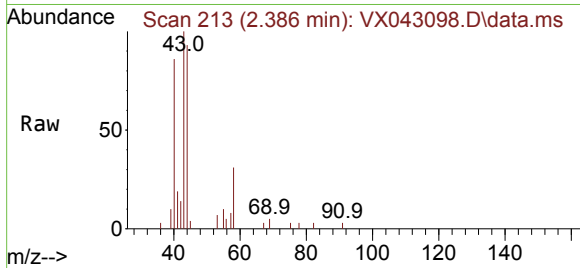




#16
Acetone
Concen: 2.453 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

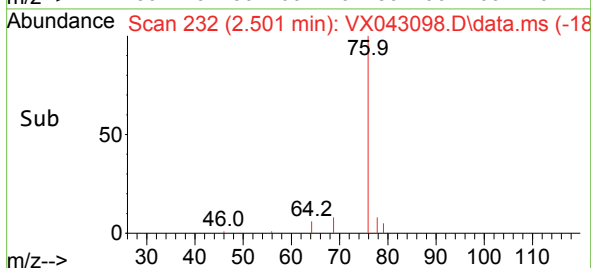
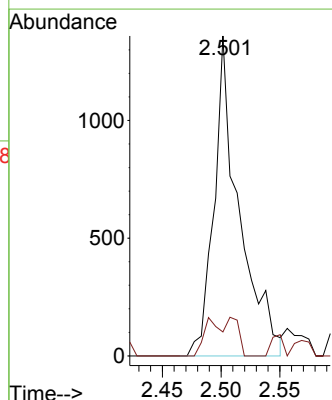
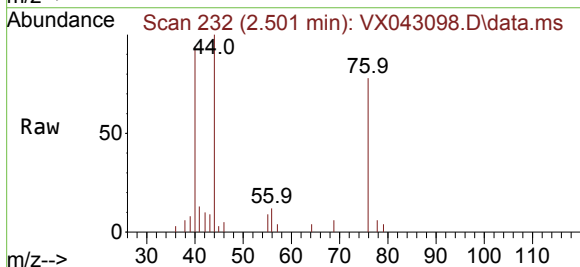
Instrument :
MSVOA_X
ClientSampleId :

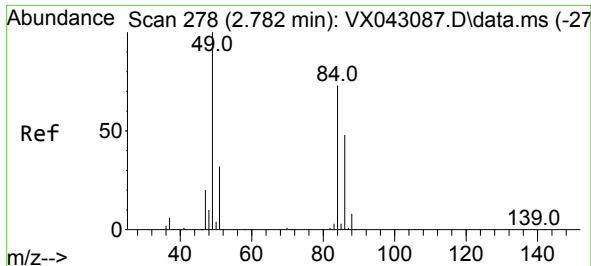
Tgt Ion: 43 Resp: 4104
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

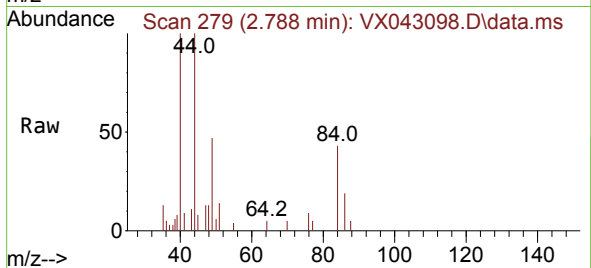
Tgt Ion: 76 Resp: 2014
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.6



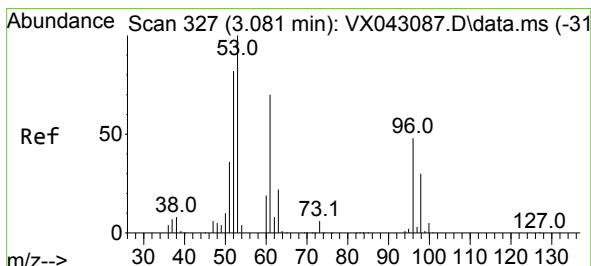
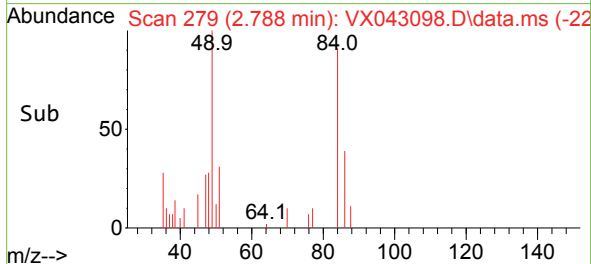
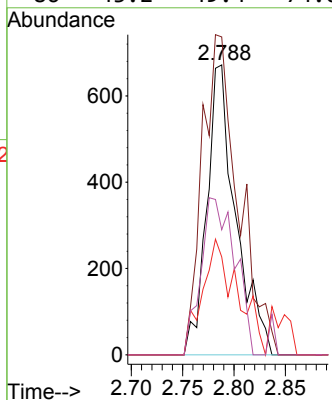


#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :

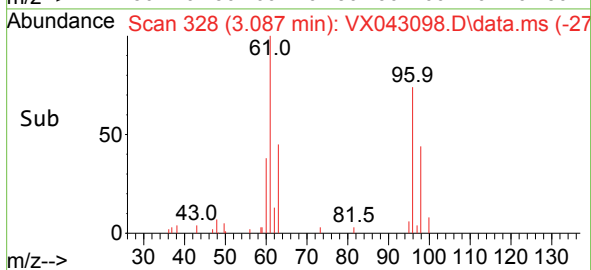
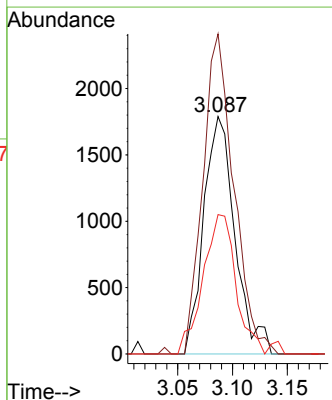
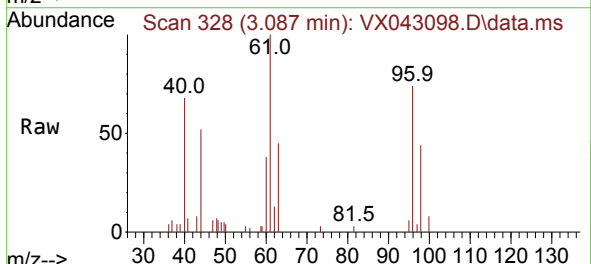


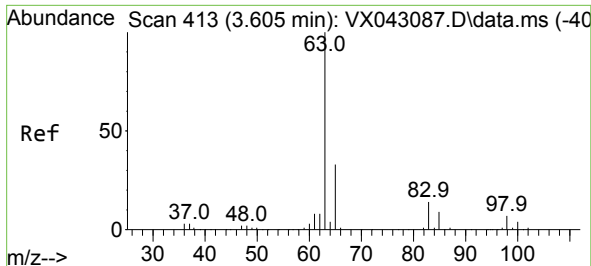
Tgt Ion: 84 Resp: 1314
Ion Ratio Lower Upper
84 100
49 109.7 103.6 155.4
51 33.8 33.8 50.6
86 43.2 49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 1.263 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 96 Resp: 3539
Ion Ratio Lower Upper
96 100
61 134.8 119.2 178.8
98 58.7 48.7 73.1

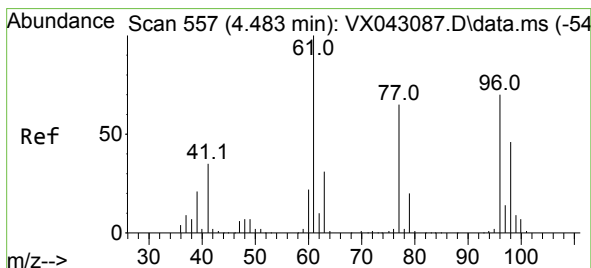
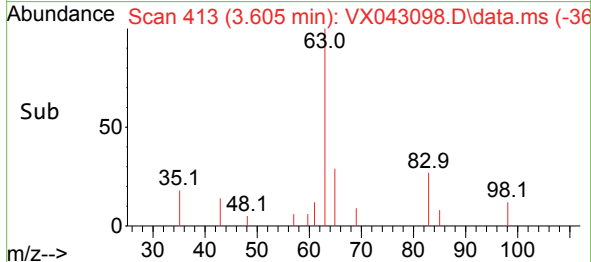
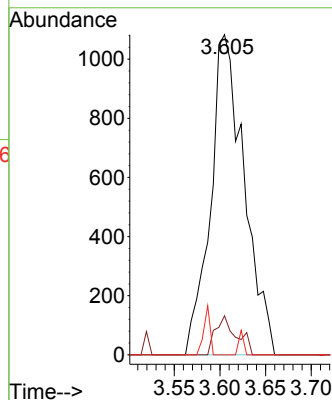
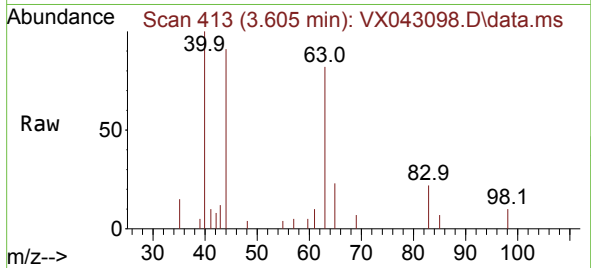




#24
 1,1-Dichloroethane
 Concen: 0.492 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043098.D
 Acq: 23 Aug 2024 14:30

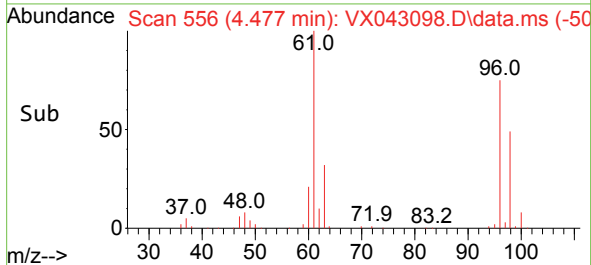
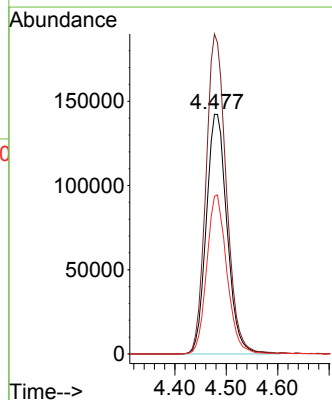
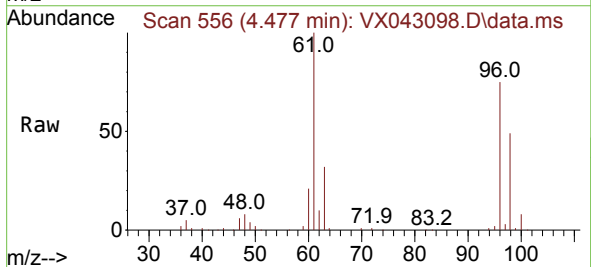
Instrument :
 MSVOA_X
 ClientSampleId :

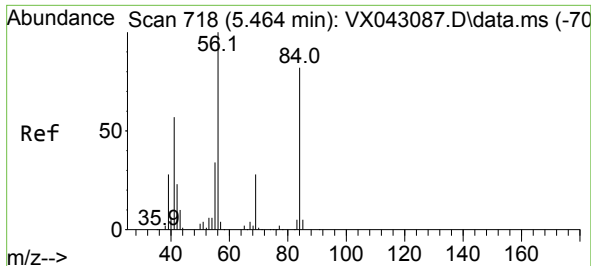
Tgt Ion: 63 Resp: 2776
 Ion Ratio Lower Upper
 63 100
 98 12.2 3.3 9.8#
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 113.863 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.006 min
 Lab File: VX043098.D
 Acq: 23 Aug 2024 14:30

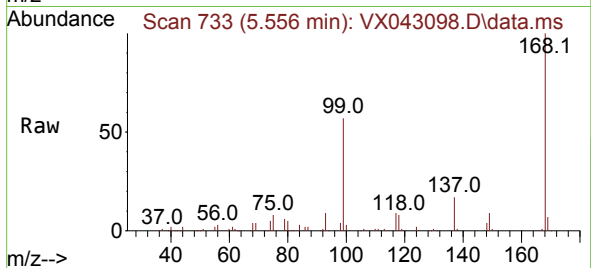
Tgt Ion: 96 Resp: 399084
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 312.2
 98 64.2 0.0 129.0



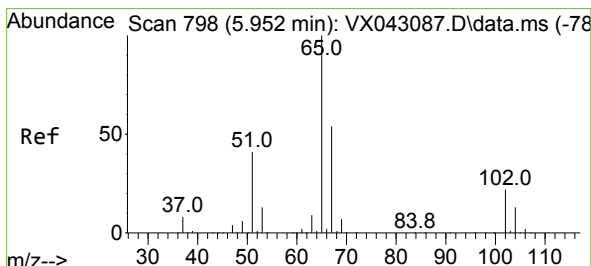
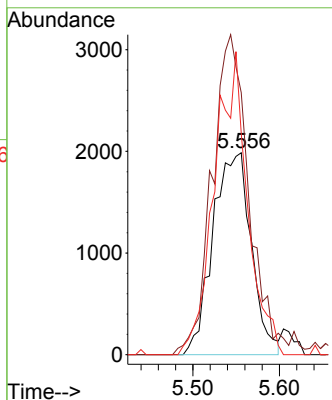
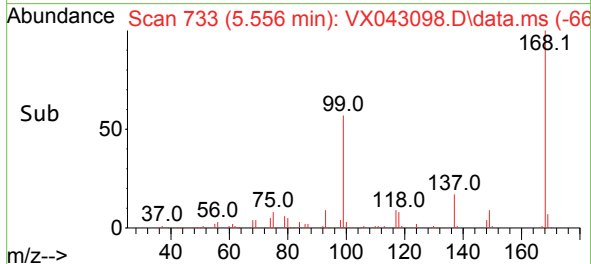


#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :

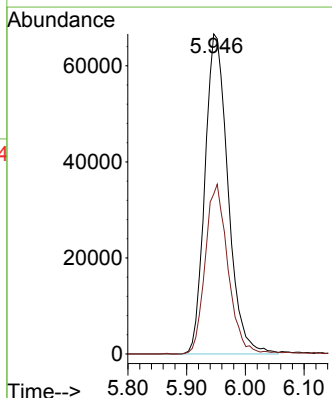
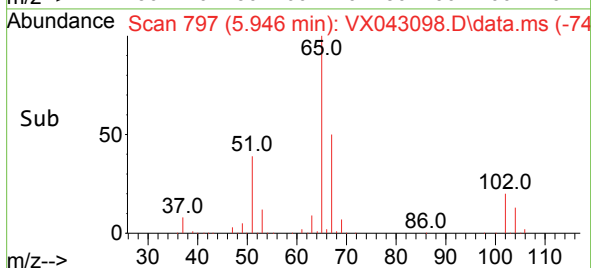
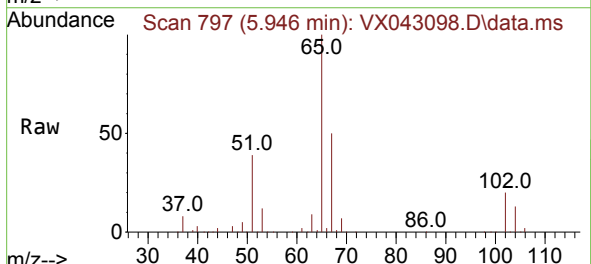


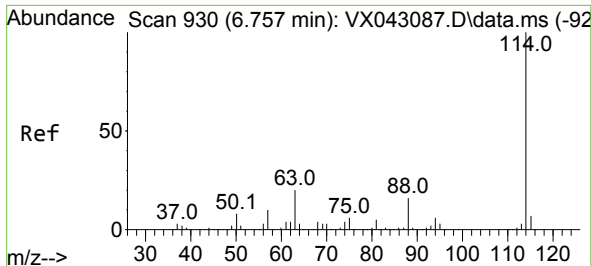
Tgt Ion: 56 Resp: 6123
Ion Ratio Lower Upper
56 100
69 126.7 23.4 35.2#
84 109.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.647 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 65 Resp: 181678
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

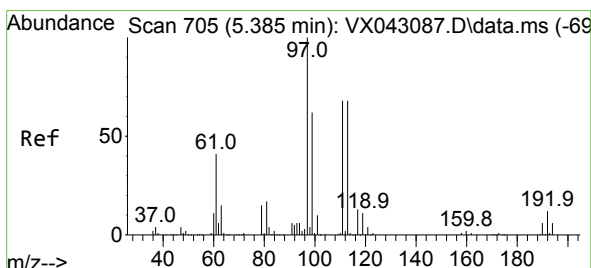
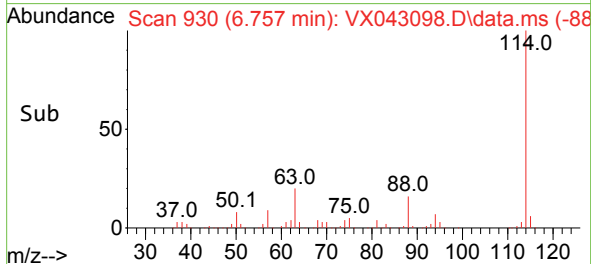
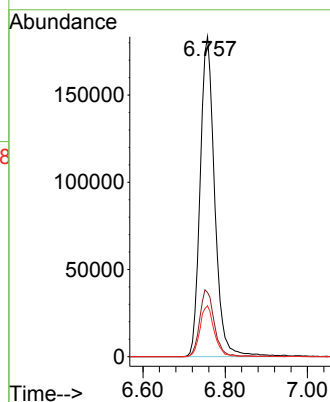
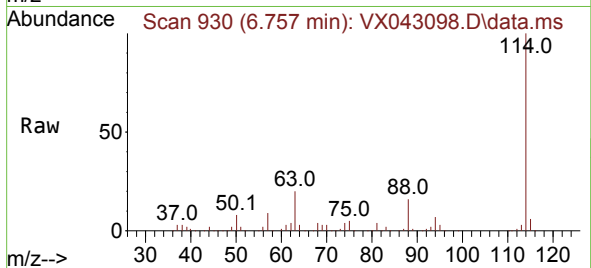




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

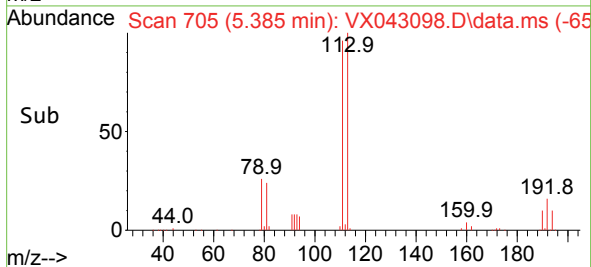
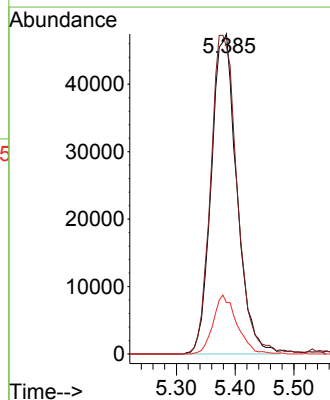
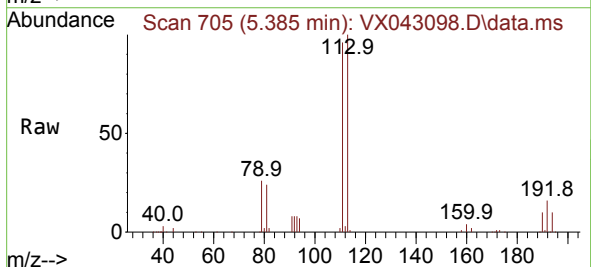
Instrument :
MSVOA_X
ClientSampleId :

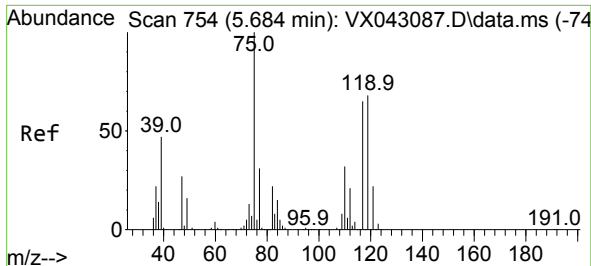
Tgt Ion:114 Resp: 449606
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

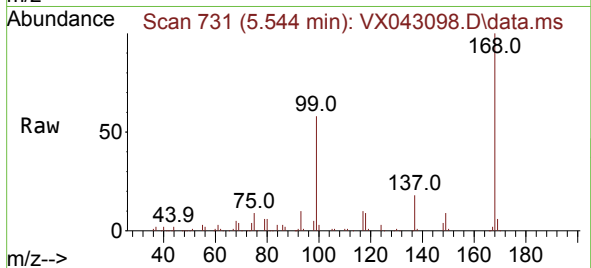
Tgt Ion:113 Resp: 143042
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.2 13.3 19.9



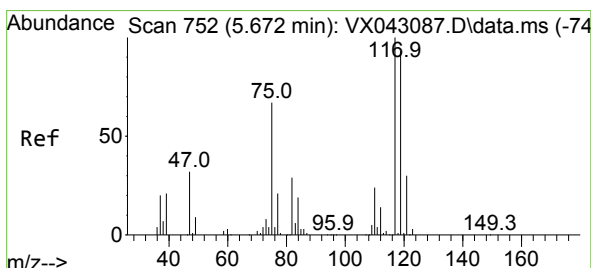
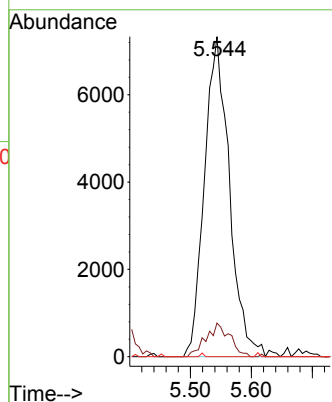
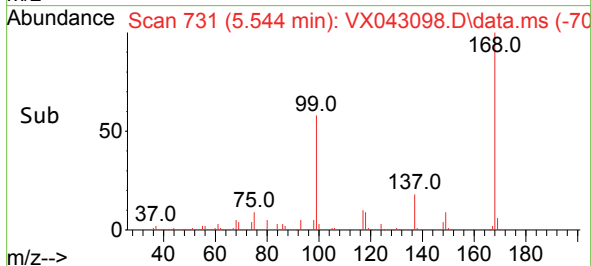


#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

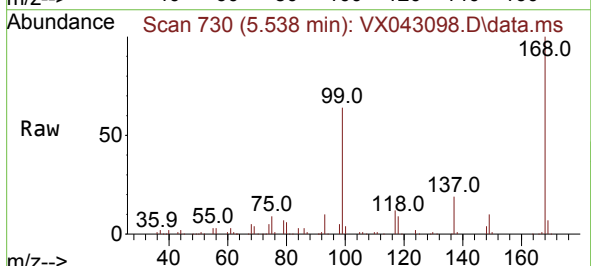
Instrument :
MSVOA_X
ClientSampleId :



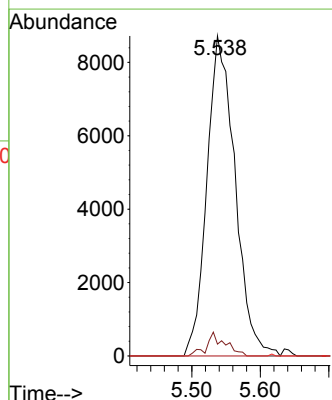
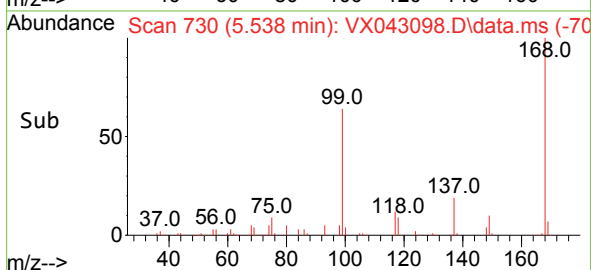
Tgt Ion: 75 Resp: 20910
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#

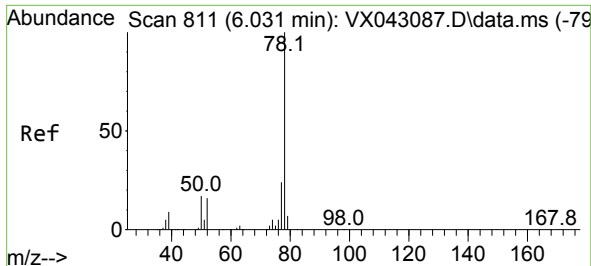


#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30



Tgt Ion: 117 Resp: 24898
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.941 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

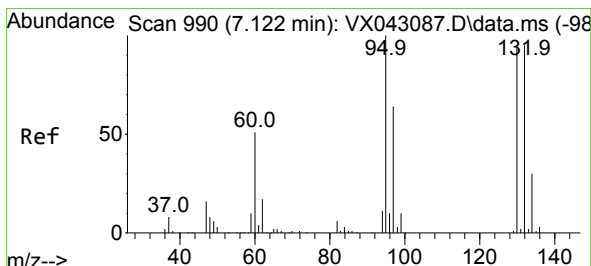
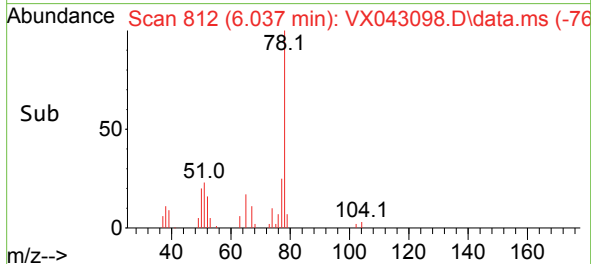
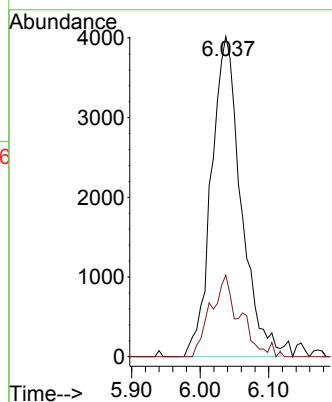
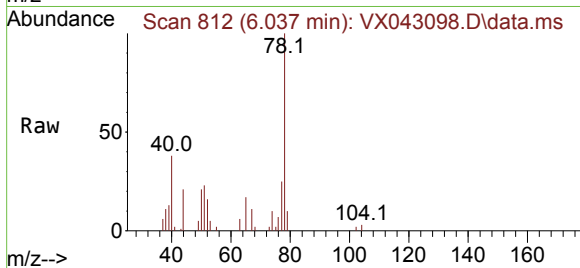
ClientSampleId :

Tgt Ion: 78 Resp: 12034

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9



#44

Trichloroethene

Concen: 38.814 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX043098.D

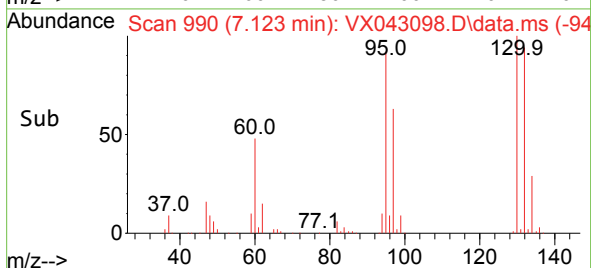
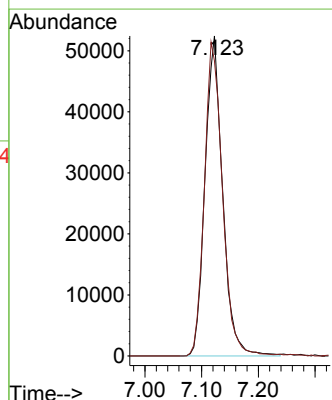
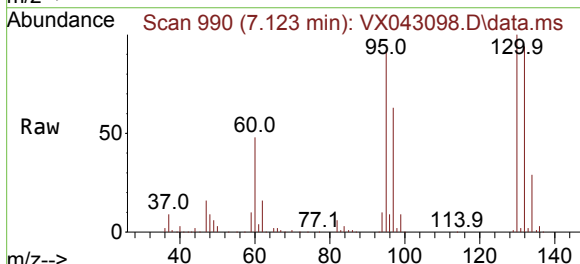
Acq: 23 Aug 2024 14:30

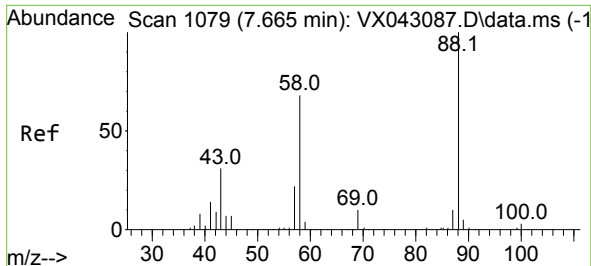
Tgt Ion:130 Resp: 113152

Ion Ratio Lower Upper

130 100

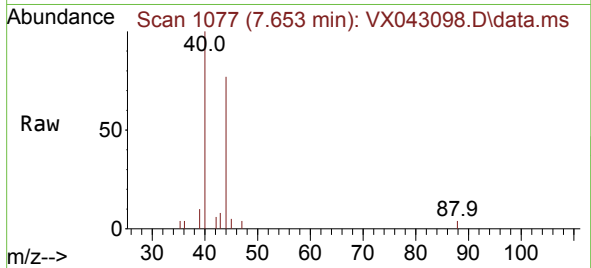
95 92.2 0.0 204.4



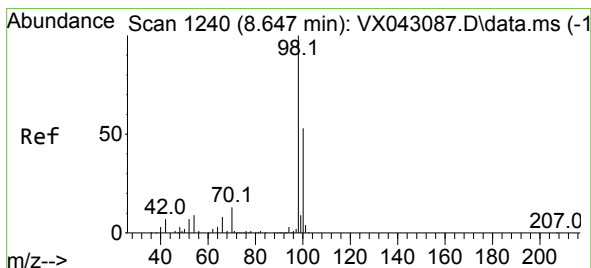
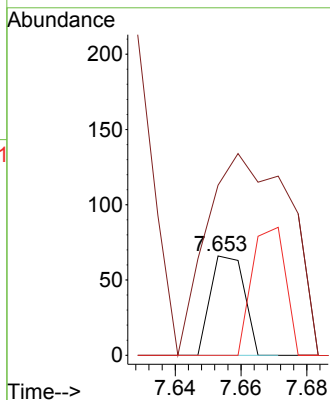
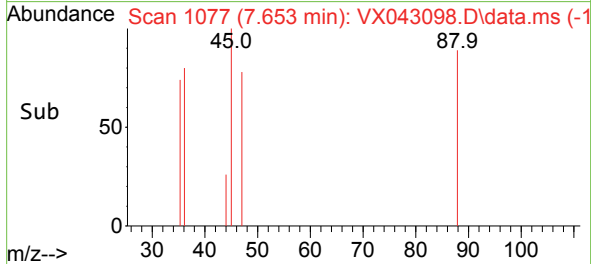


#49
1,4-Dioxane
Concen: 0.599 ug/l
RT: 7.653 min Scan# 1079
Delta R.T. -0.012 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Instrument :
MSVOA_X
ClientSampleId :

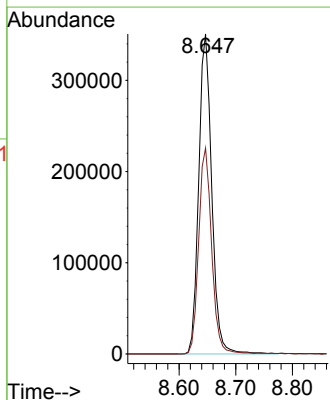
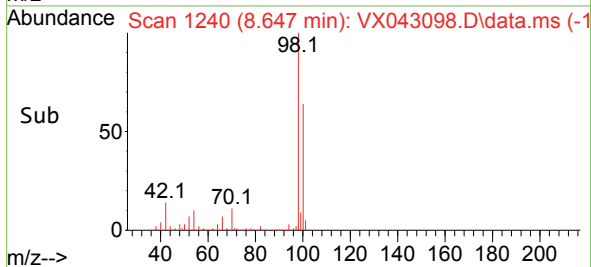
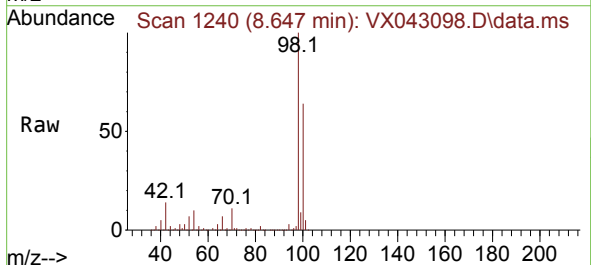


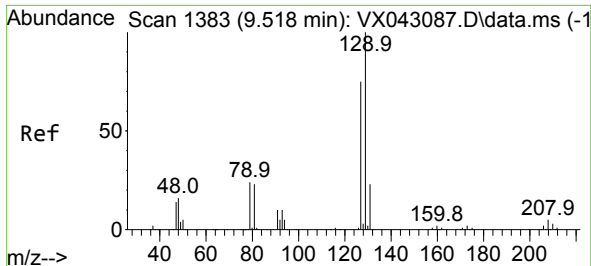
Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 497.9 0.0 0.0#
58 127.7 60.1 90.1#



#50
Toluene-d8
Concen: 50.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 98 Resp: 559376
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

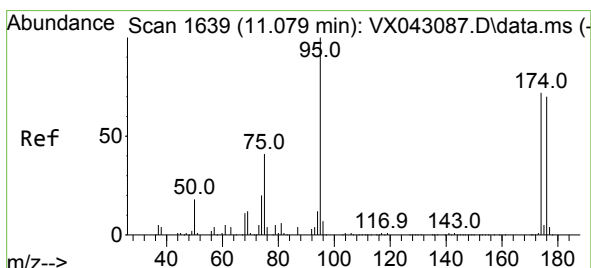
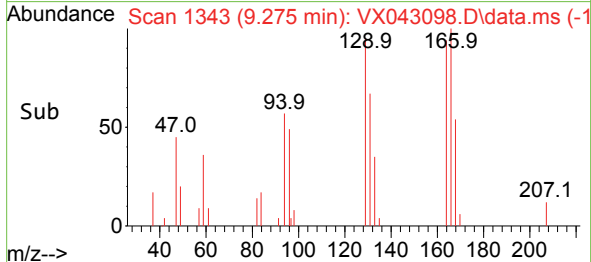
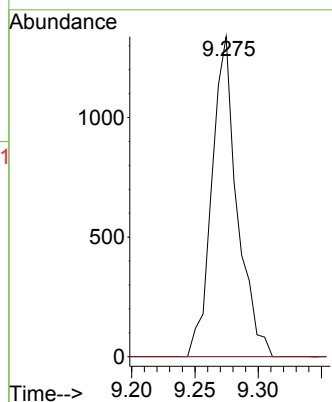
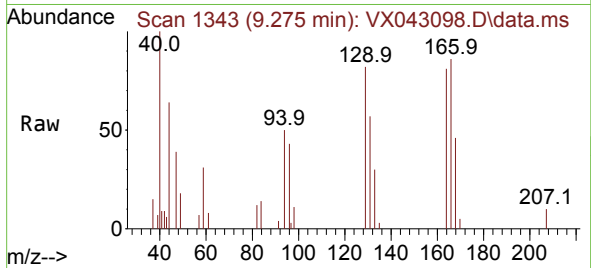




#60
Dibromochloromethane
Concen: 0.539 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

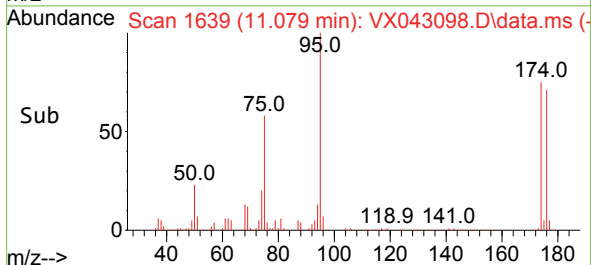
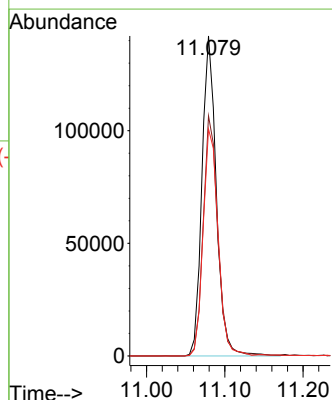
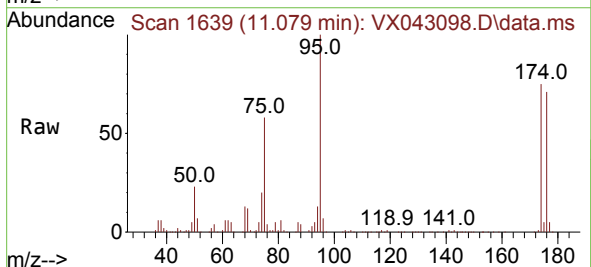
Instrument :
MSVOA_X
ClientSampleId :

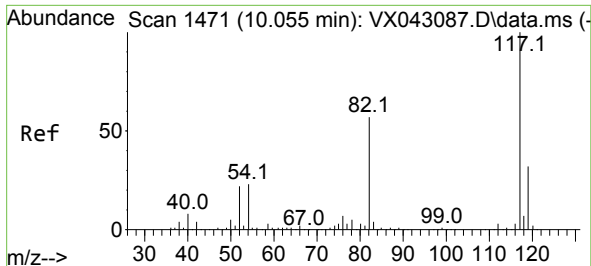
Tgt Ion:129 Resp: 1863
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion: 95 Resp: 181360
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.0 0.0 131.0

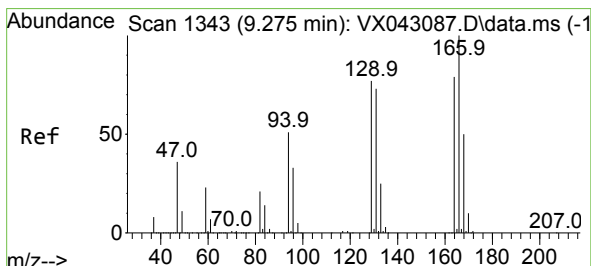
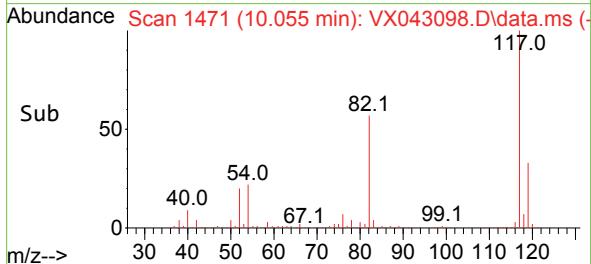
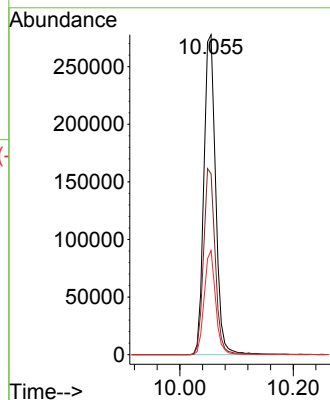
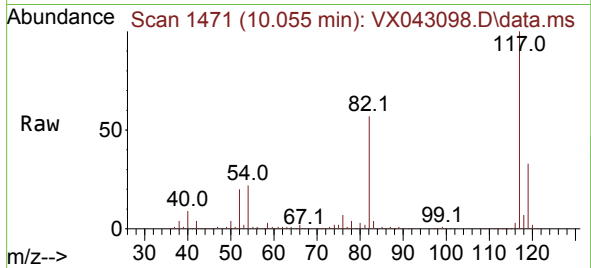




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

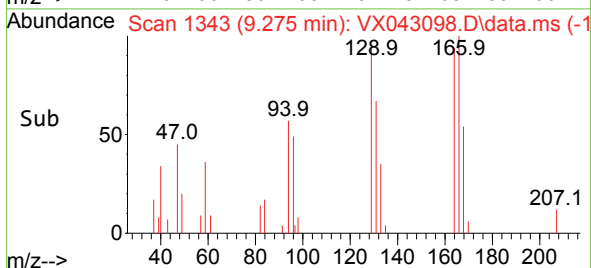
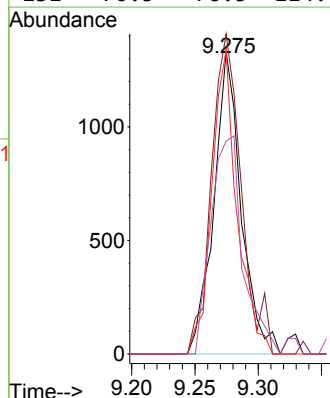
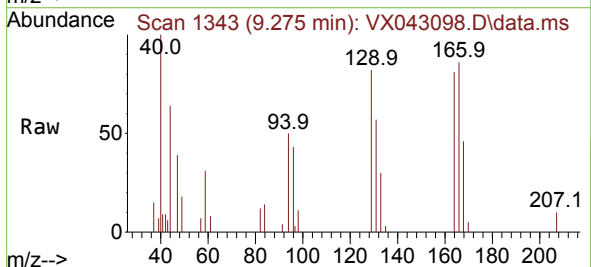
Instrument :
MSVOA_X
ClientSampleId :

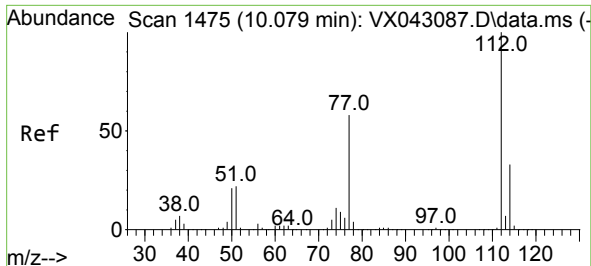
Tgt Ion:117 Resp: 400682
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.758 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion:164 Resp: 1995
Ion Ratio Lower Upper
164 100
166 105.9 102.7 154.1
129 100.6 80.4 120.6
131 70.5 76.5 114.7#

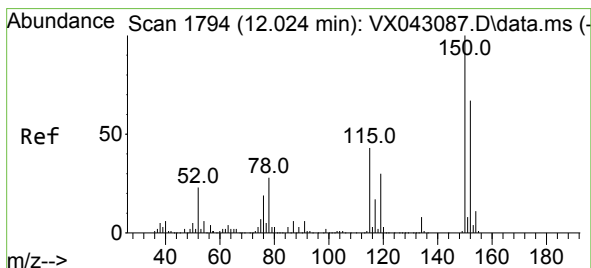
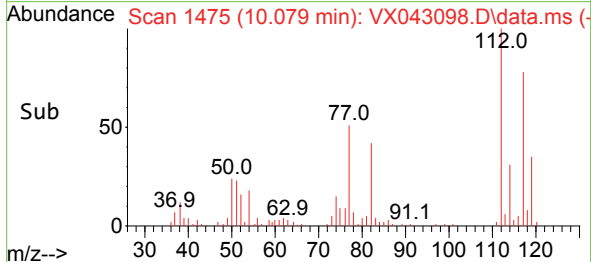
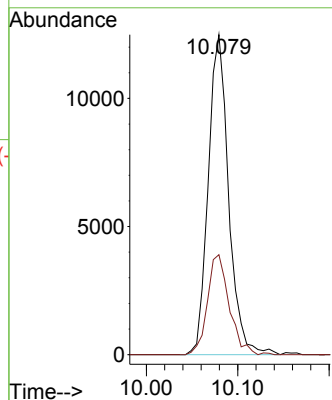
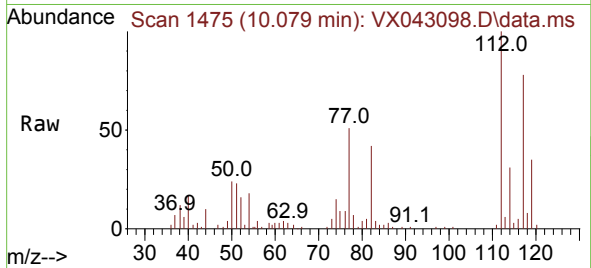




#65
Chlorobenzene
Concen: 2.197 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

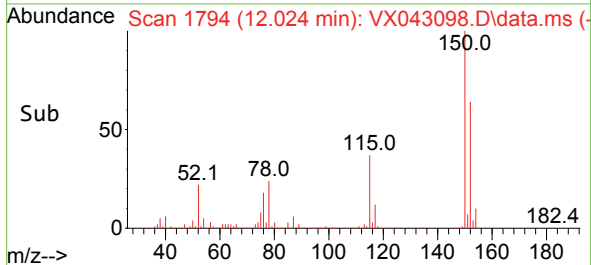
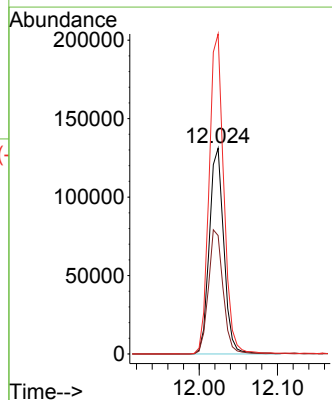
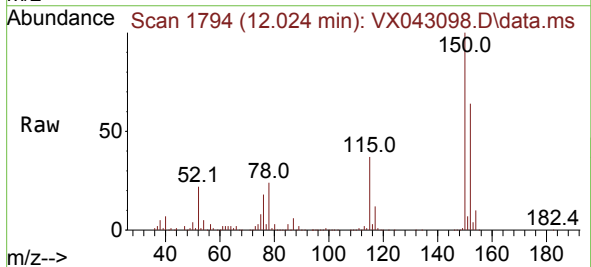
Instrument :
MSVOA_X
ClientSampleId :

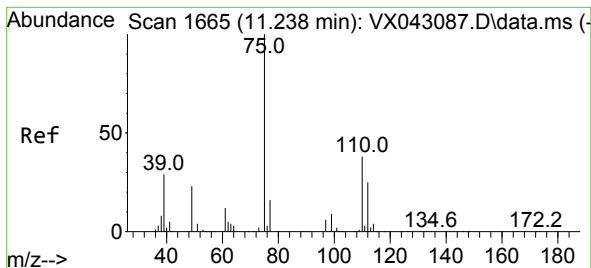
Tgt Ion:112 Resp: 19294
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

Tgt Ion:152 Resp: 168942
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.149 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

Instrument :

MSVOA_X

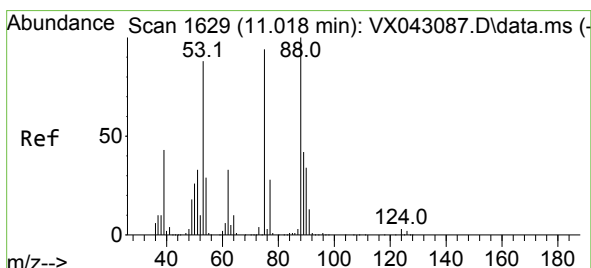
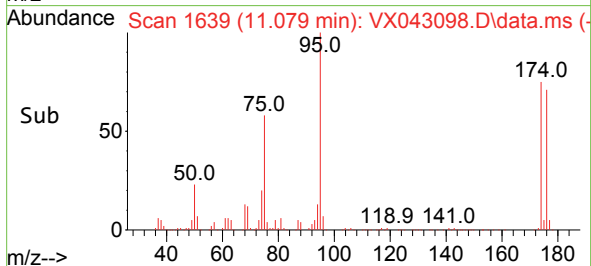
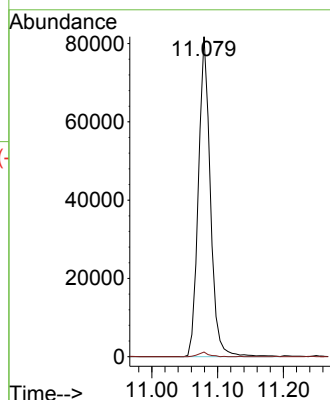
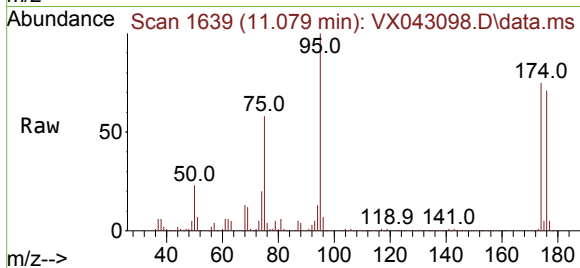
ClientSampleId :

Tgt Ion: 75 Resp: 102878

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043098.D

Acq: 23 Aug 2024 14:30

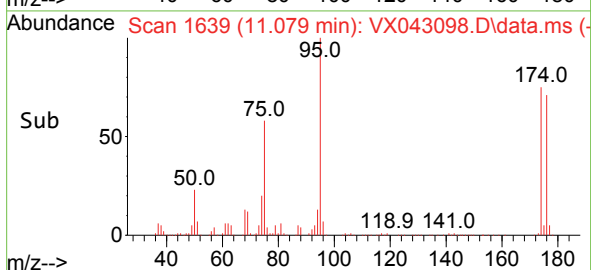
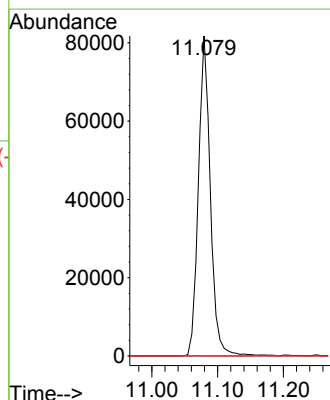
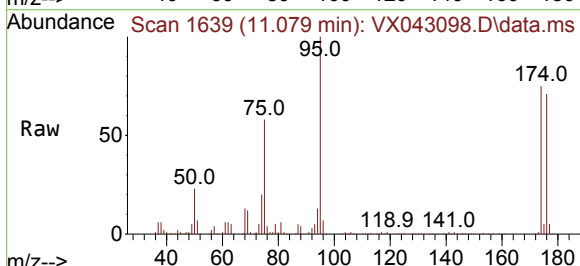
Tgt Ion: 75 Resp: 102878

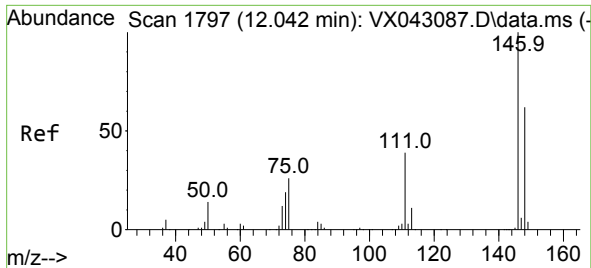
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

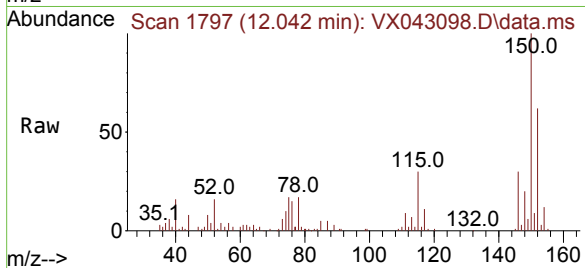
89 0.1 36.9 55.3#



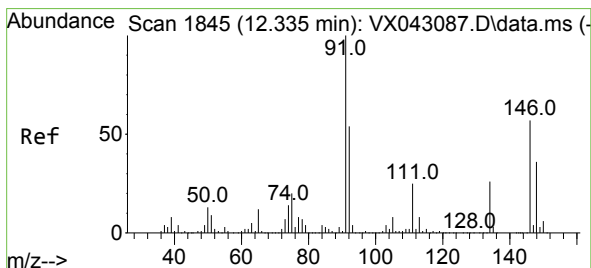
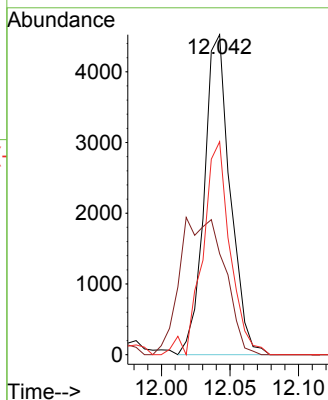
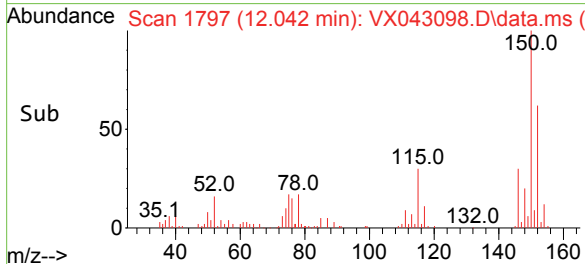


#88
1,4-Dichlorobenzene
Concen: 1.055 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30

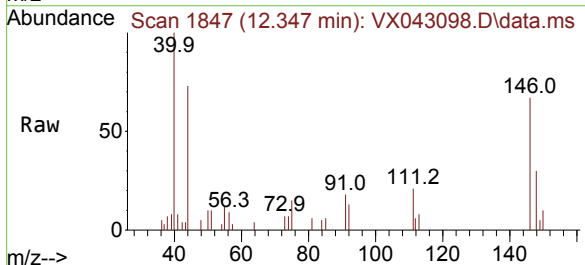
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:146 Resp: 5965
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 70.4 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 0.313 ug/l
RT: 12.347 min Scan# 1847
Delta R.T. 0.012 min
Lab File: VX043098.D
Acq: 23 Aug 2024 14:30



Tgt Ion:146 Resp: 1772
Ion Ratio Lower Upper
146 100
111 51.1 22.4 67.0
148 76.6 31.6 95.0

