

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041210.D
 Acq On : 23 Apr 2024 12:41
 Operator : JC/MD
 Sample : P2207-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

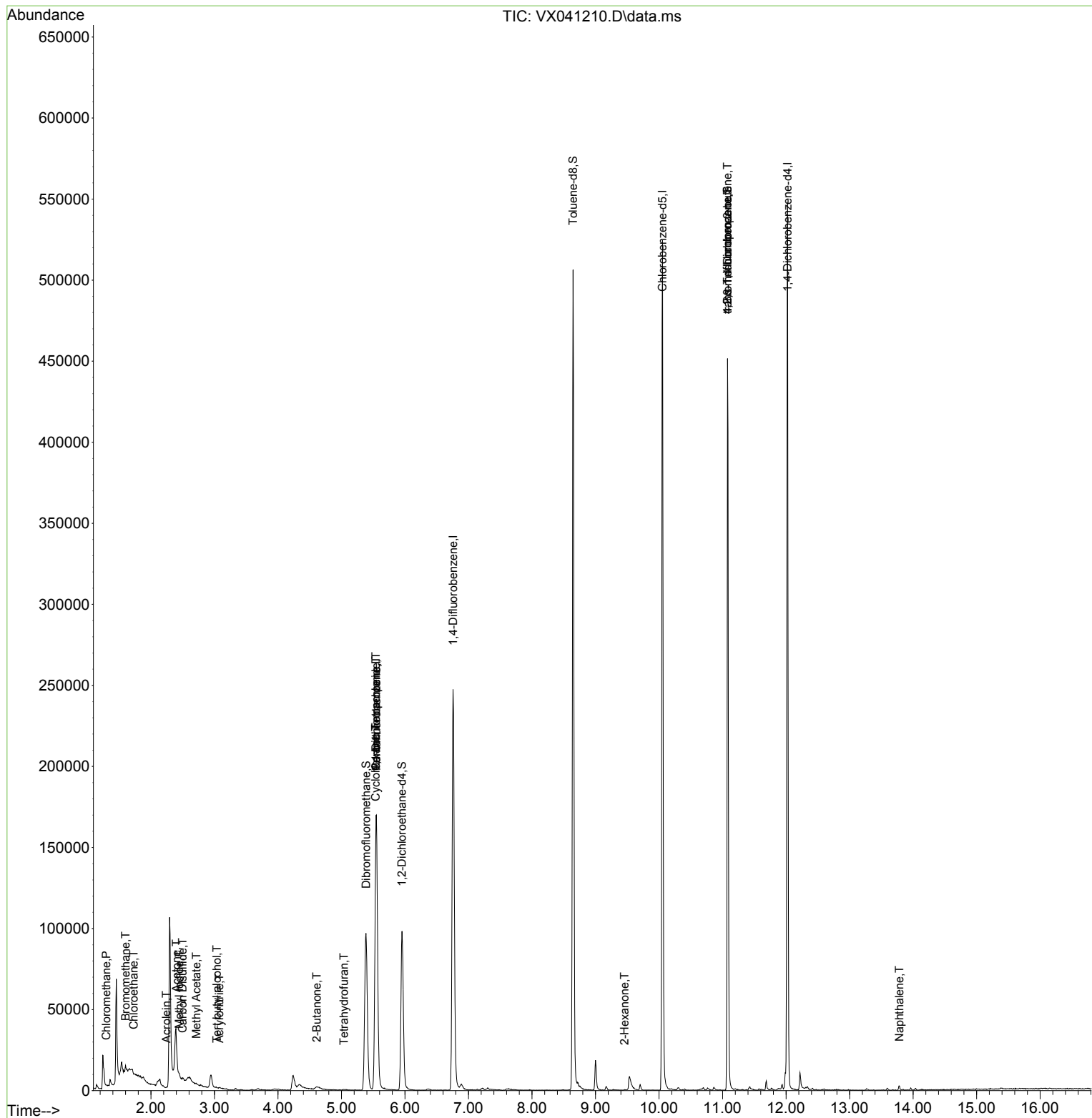
Internal Standards						
1) Pentafluorobenzene	5.550	168	189980	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	276816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96137	53.160	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.320%		
35) Dibromofluoromethane	5.385	113	85450	50.747	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.500%		
50) Toluene-d8	8.647	98	315523	55.539	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 111.080%		
62) 4-Bromofluorobenzene	11.079	95	114683	54.692	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.380%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	441	0.271	ug/l	100
5) Bromomethane	1.599	94	1461	1.595	ug/l	94
6) Chloroethane	1.727	64	983	1.590	ug/l #	86
10) Methyl Iodide	2.447	142	1602	0.896	ug/l	90
11) Tert butyl alcohol	3.038	59	447	1.380	ug/l #	76
13) Acrolein	2.239	56	322	0.886	ug/l	87
15) Acrylonitrile	3.074	53	349	0.422	ug/l #	49
16) Acetone	2.398	43	15109	22.952	ug/l #	1
17) Carbon Disulfide	2.495	76	2412	0.834	ug/l #	76
18) Methyl Acetate	2.715	43	929	0.477	ug/l #	87
25) 2-Butanone	4.611	43	1554	1.382	ug/l #	86
29) Tetrahydrofuran	5.038	42	205	0.268	ug/l #	74
31) Cyclohexane	5.537	56	2967	1.219	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10905	5.062	ug/l #	47
38) Carbon Tetrachloride	5.544	117	15876	6.597	ug/l #	14
59) 2-Hexanone	9.457	43	391	0.214	ug/l	64
76) 1,2,3-Trichloropropane	11.079	75	56222	27.072	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56222	76.378	ug/l #	5
95) Naphthalene	13.786	128	2451	0.293	ug/l	96

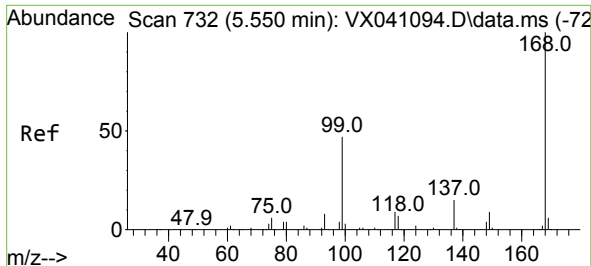
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
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Sample : P2207-01 50X
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

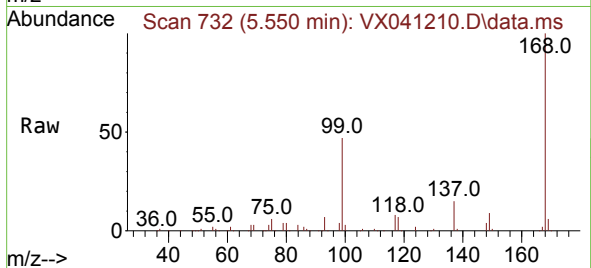
Quant Time: Apr 24 01:45:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
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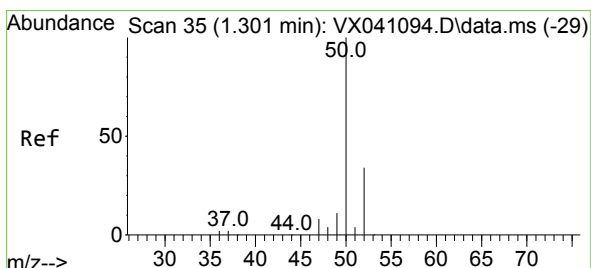
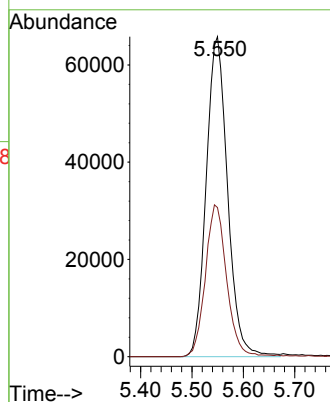
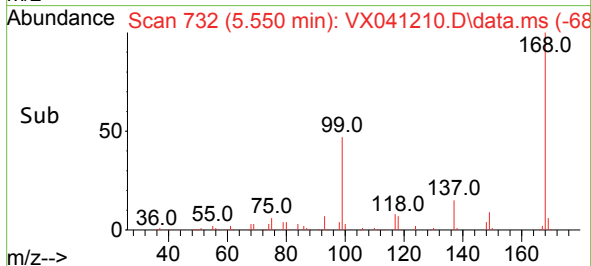


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

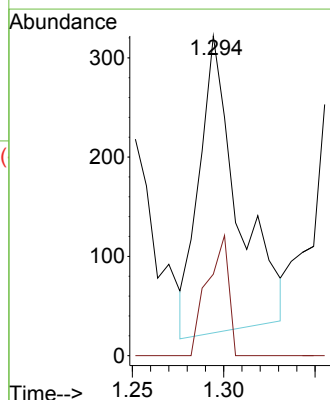
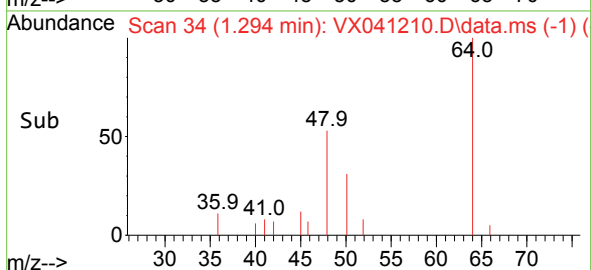
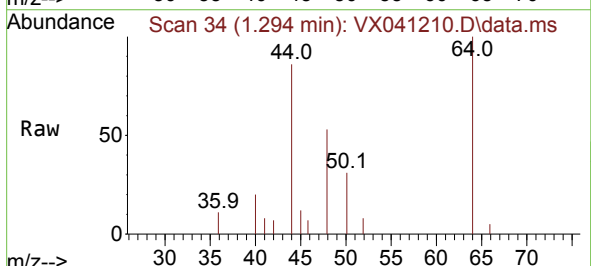


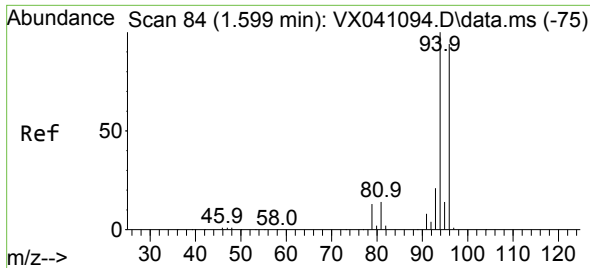
Tgt Ion:168 Resp: 189980
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

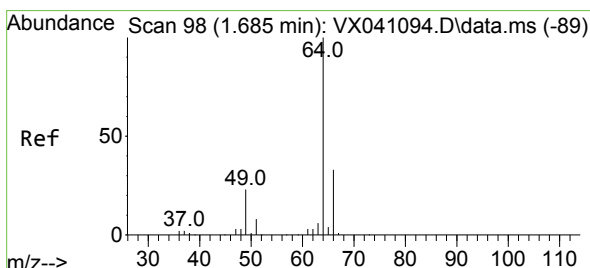
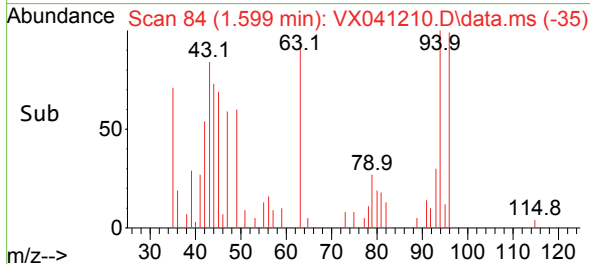
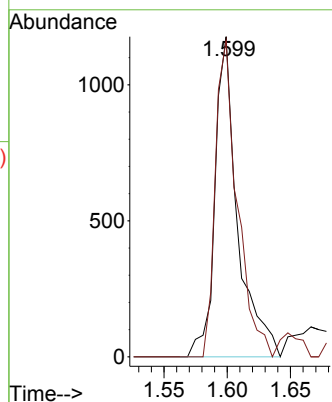
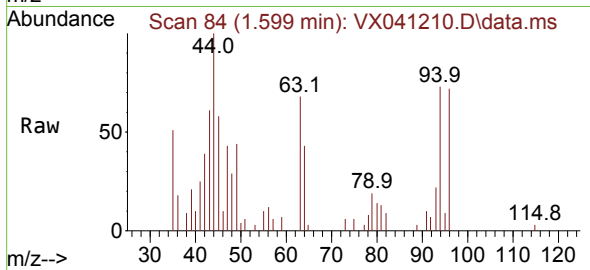




#5
Bromomethane
Concen: 1.595 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

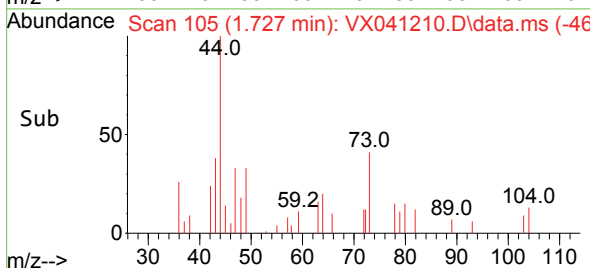
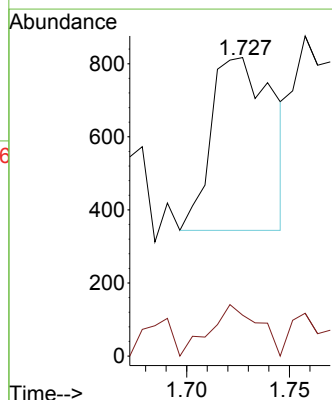
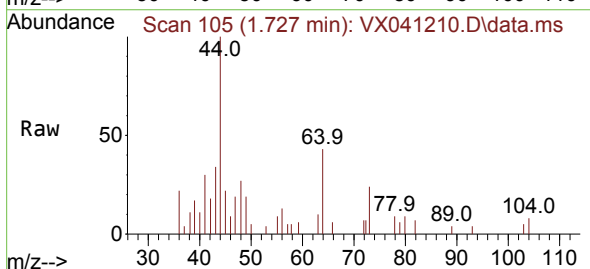
Instrument :
MSVOA_X
ClientSampleId :

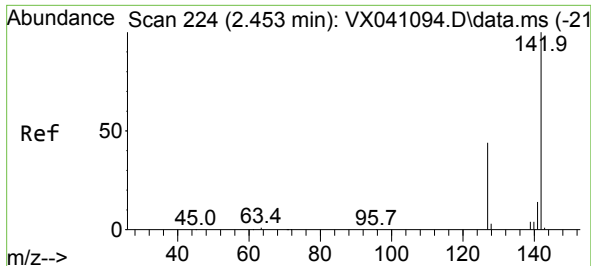
Tgt Ion: 94 Resp: 1461
Ion Ratio Lower Upper
94 100
96 98.8 74.6 111.8



#6
Chloroethane
Concen: 1.590 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.061 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

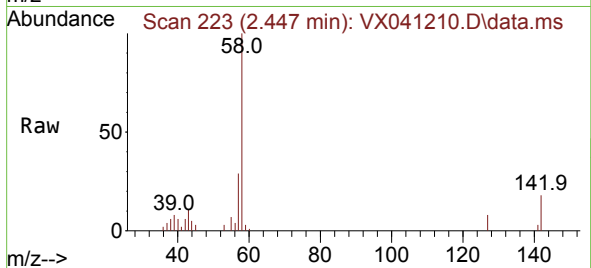
Tgt Ion: 64 Resp: 983
Ion Ratio Lower Upper
64 100
66 23.7 25.1 37.7#



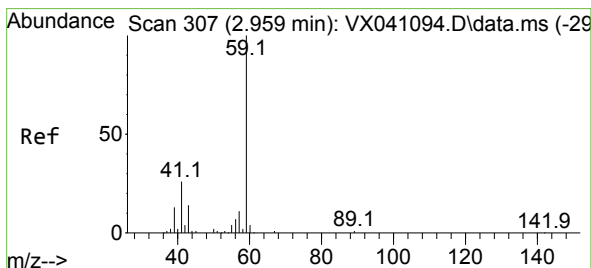
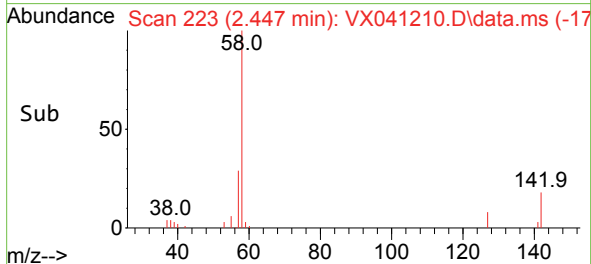
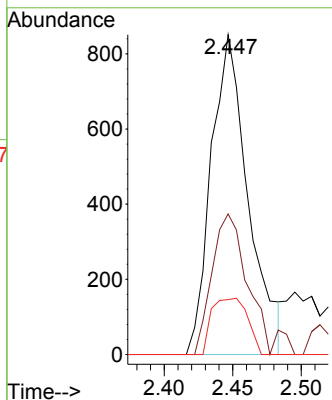


#10
Methyl Iodide
Concen: 0.896 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

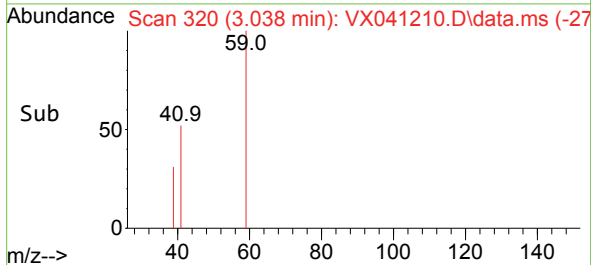
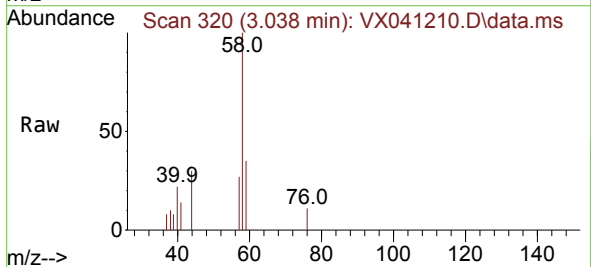
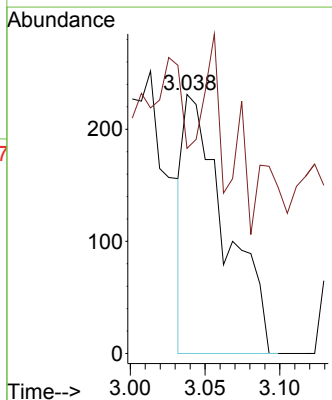


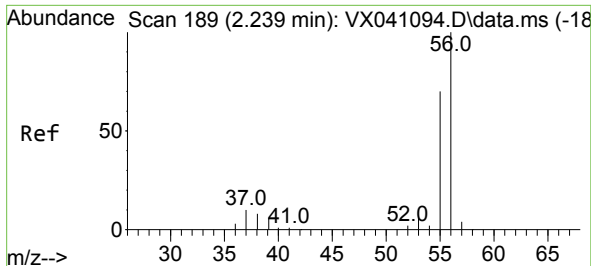
Tgt Ion:142 Resp: 1602
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 17.0 11.6 17.4



#11
Tert butyl alcohol
Concen: 1.380 ug/l
RT: 3.038 min Scan# 320
Delta R.T. -0.025 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Tgt Ion: 59 Resp: 447
Ion Ratio Lower Upper
59 100
57 15.9 6.0 9.0#





#13

Acrolein

Concen: 0.886 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

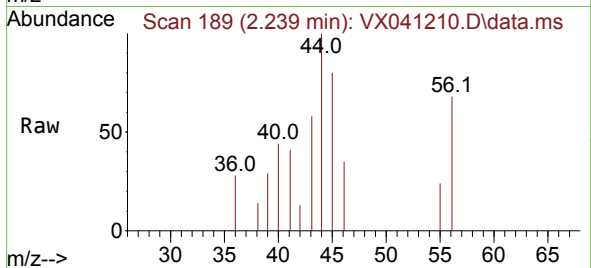
Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

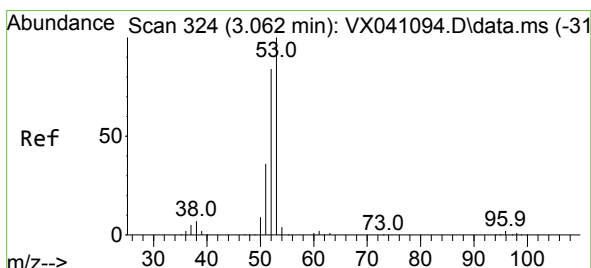
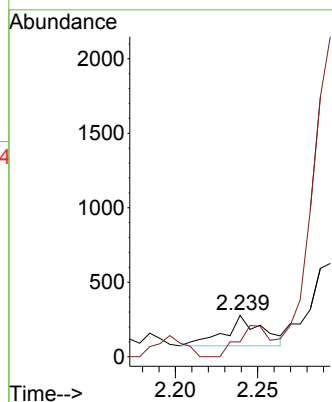
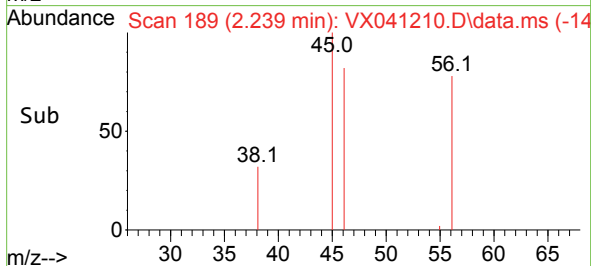


Tgt Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

55 82.3 57.1 85.7



#15

Acrylonitrile

Concen: 0.422 ug/l

RT: 3.074 min Scan# 326

Delta R.T. -0.000 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

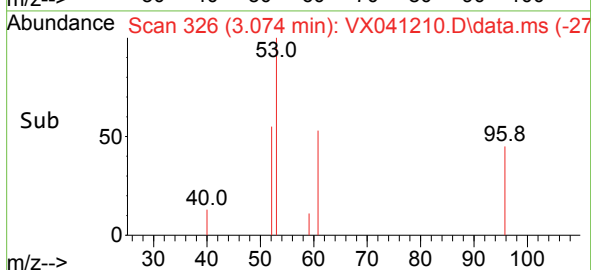
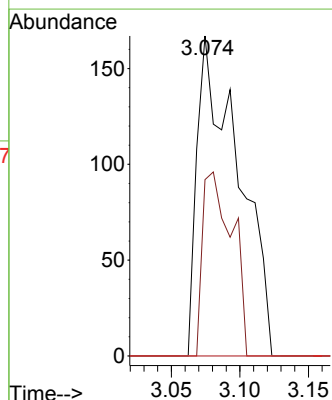
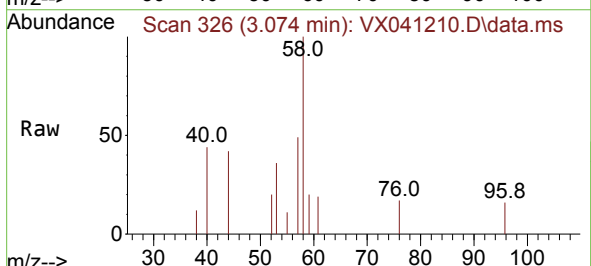
Tgt Ion: 53 Resp: 349

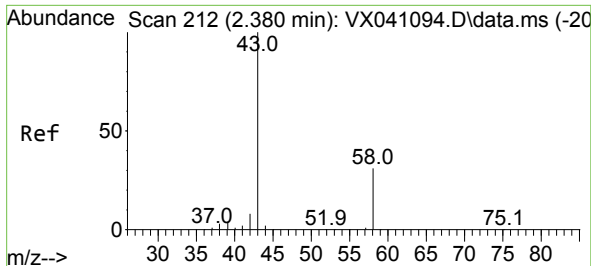
Ion Ratio Lower Upper

53 100

52 41.3 66.0 99.0#

51 0.0 29.8 44.6#

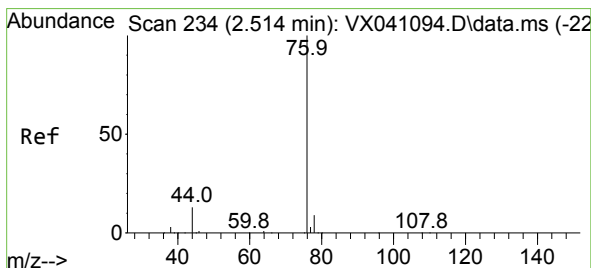
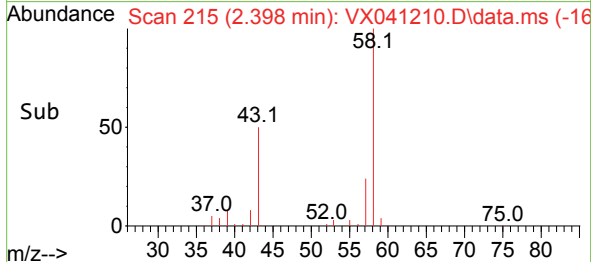
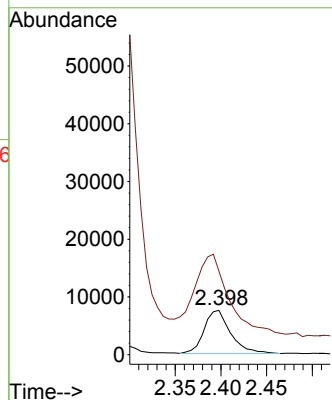
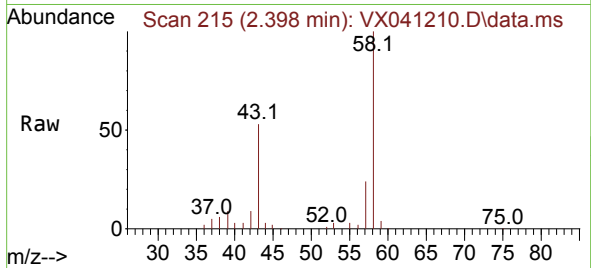




#16
Acetone
Concen: 22.952 ug/l
RT: 2.398 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

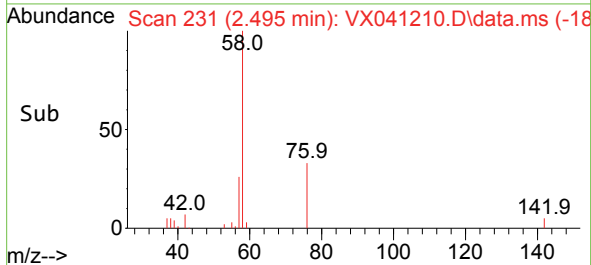
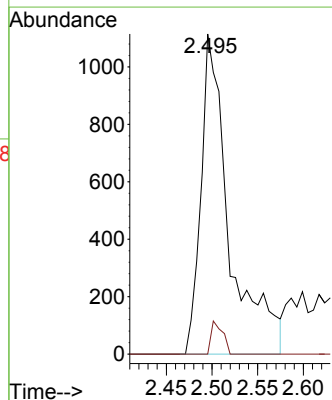
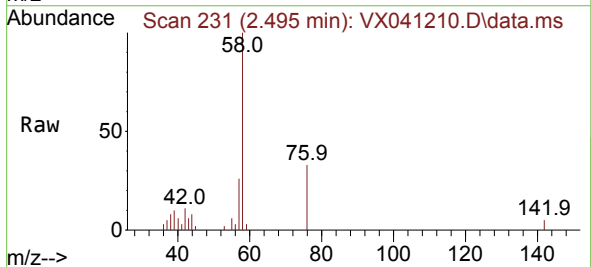
Instrument :
MSVOA_X
ClientSampleId :

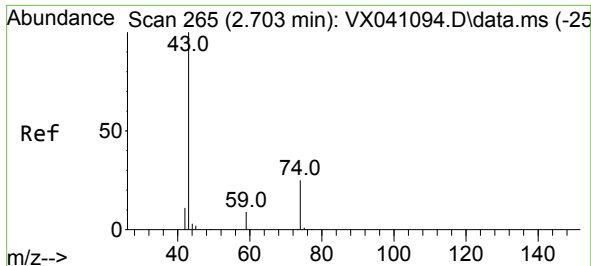
Tgt Ion: 43 Resp: 15109
Ion Ratio Lower Upper
43 100
58 143.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.834 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

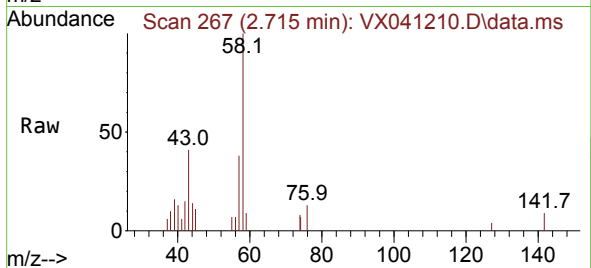
Tgt Ion: 76 Resp: 2412
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



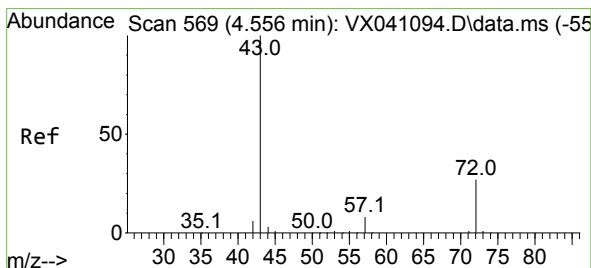
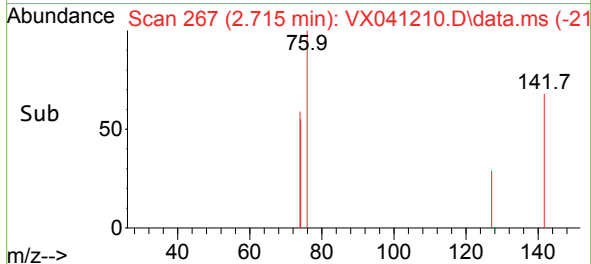
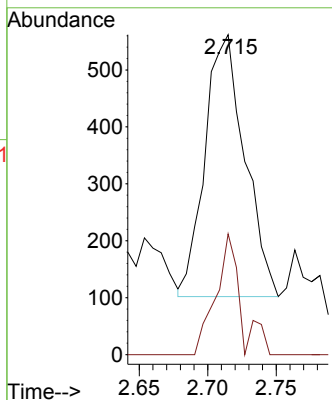


#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 2.715 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

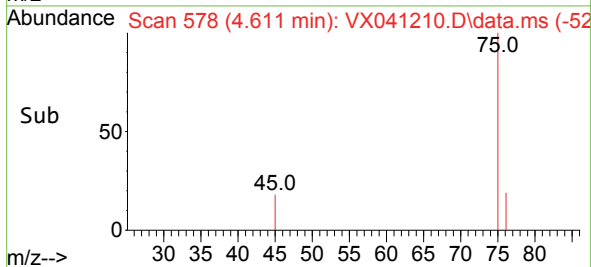
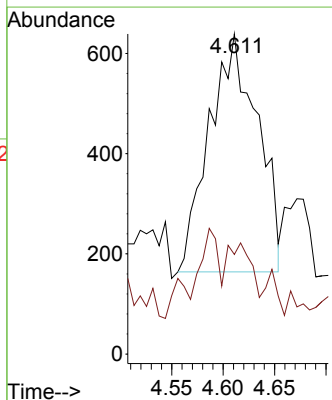
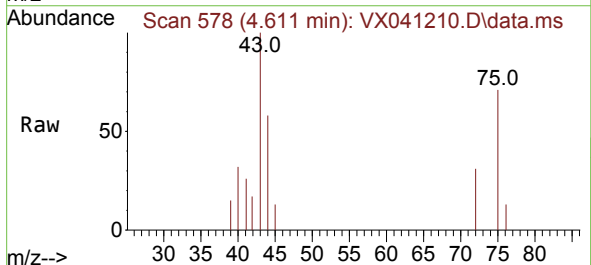


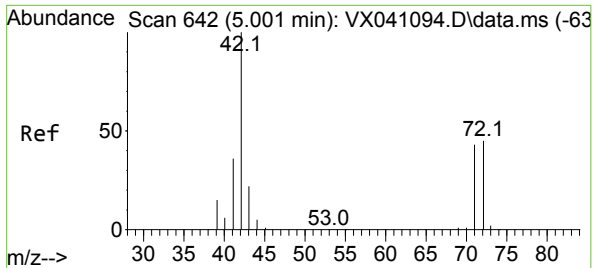
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 28.7 17.8 26.8#



#25
2-Butanone
Concen: 1.382 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

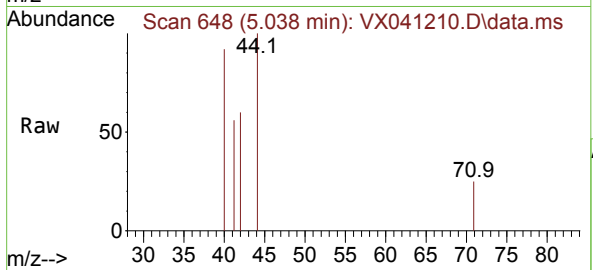
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
72 17.5 19.4 29.2#



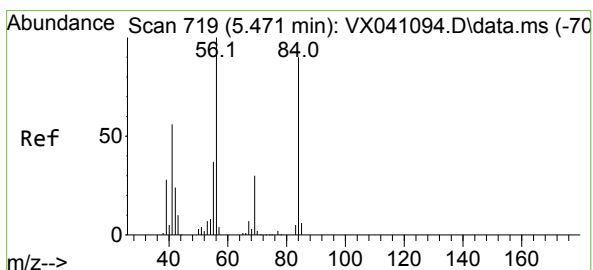
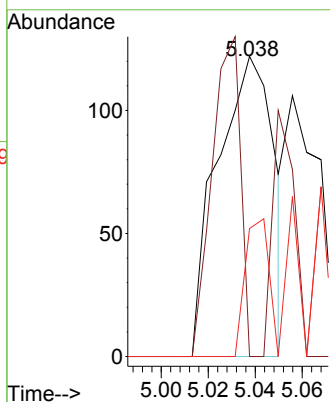
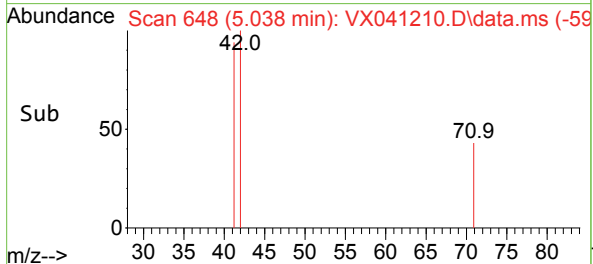


#29
Tetrahydrofuran
Concen: 0.268 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

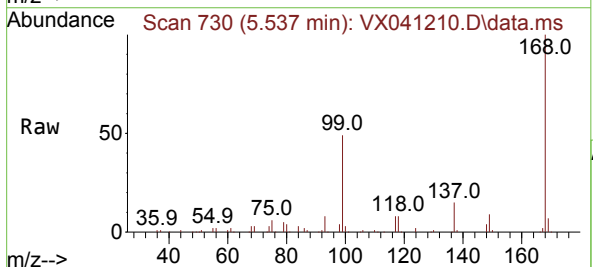
Instrument :
MSVOA_X
ClientSampleId :



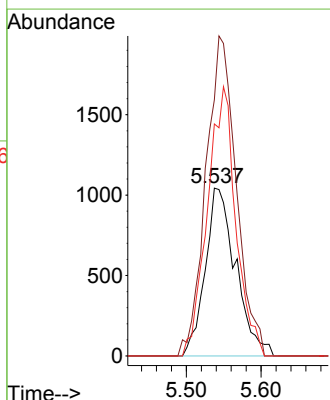
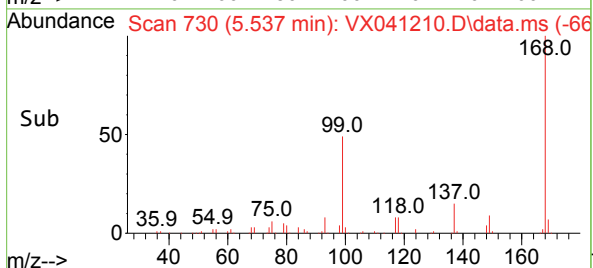
Tgt Ion: 42 Resp: 205
Ion Ratio Lower Upper
42 100
72 31.2 34.2 51.4#
71 19.5 32.2 48.2#

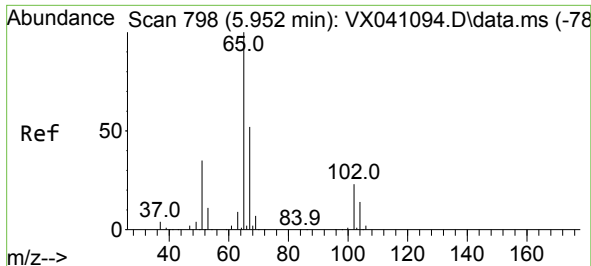


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41



Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 152.6 23.4 35.2#
84 138.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.160 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

Instrument :

MSVOA_X

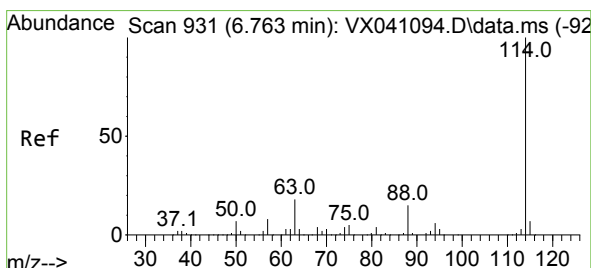
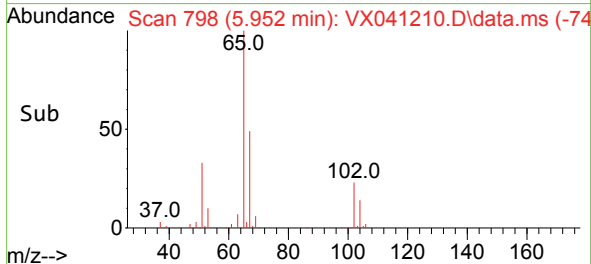
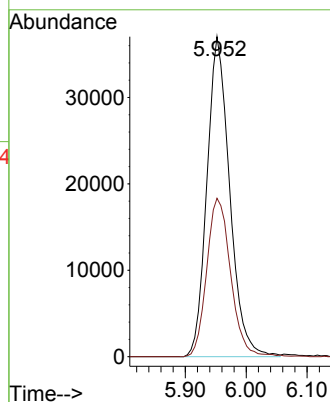
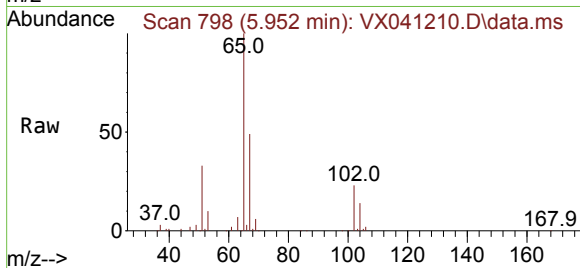
ClientSampleId :

Tgt Ion: 65 Resp: 96137

Ion Ratio Lower Upper

65 100

67 52.1 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: VX041210.D

Acq: 23 Apr 2024 12:41

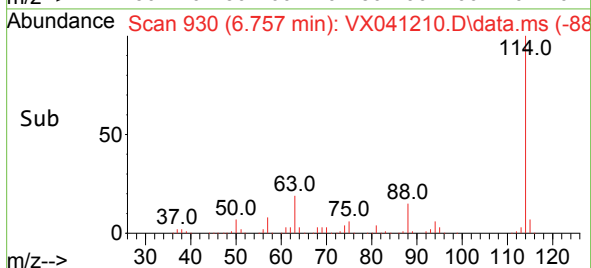
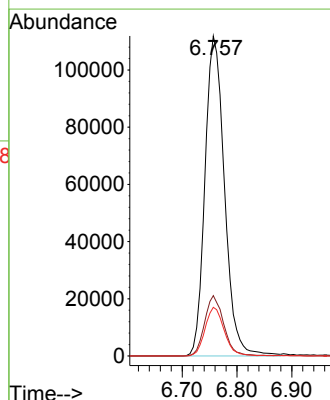
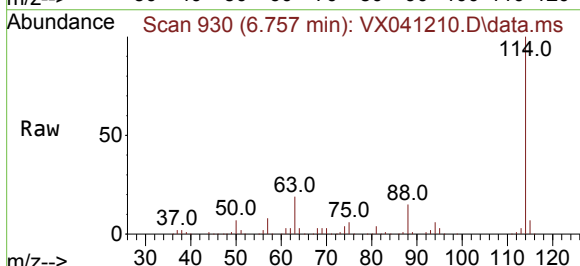
Tgt Ion: 114 Resp: 276816

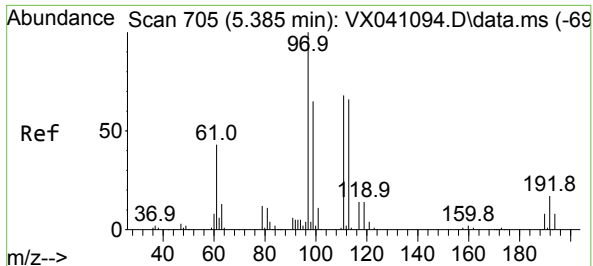
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

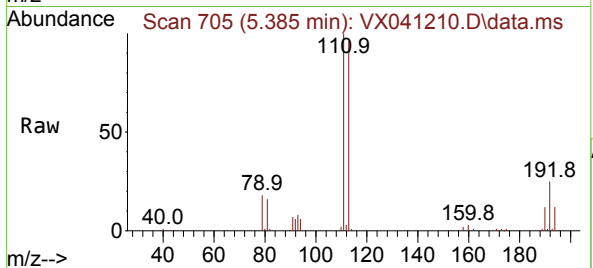
88 15.2 0.0 36.6



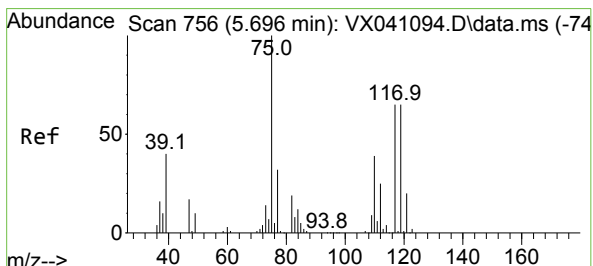
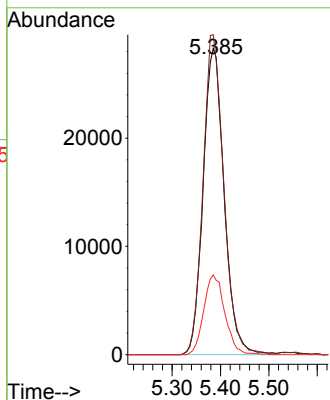
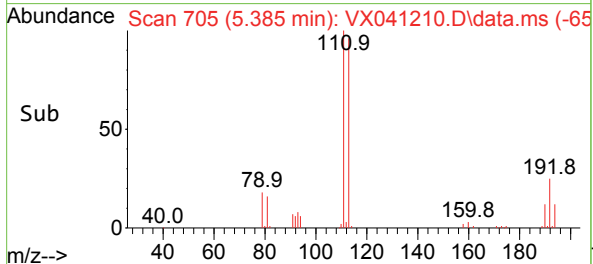


#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

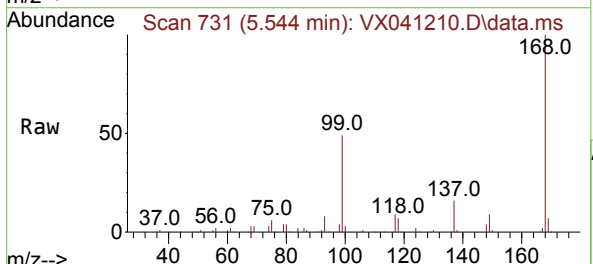
Instrument :
MSVOA_X
ClientSampleId :



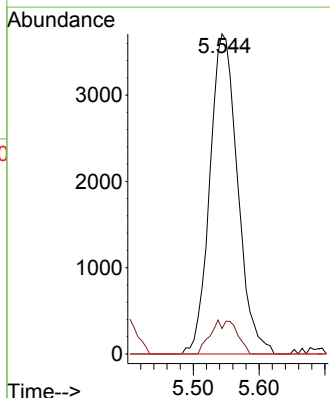
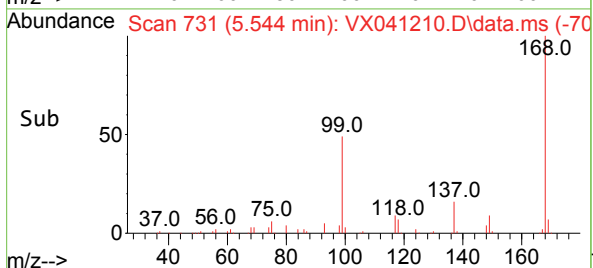
Tgt Ion:113 Resp: 85450
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 26.1 13.3 19.9#

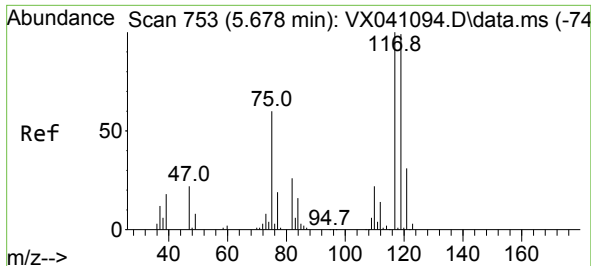


#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41



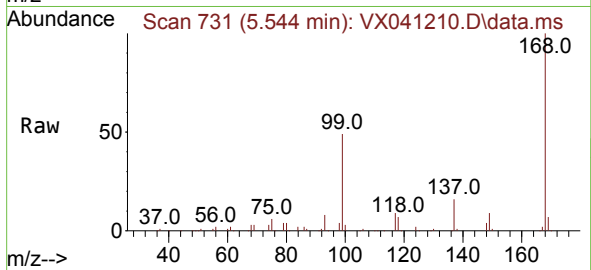
Tgt Ion: 75 Resp: 10905
Ion Ratio Lower Upper
75 100
110 4.9 17.0 50.9#
77 0.0 24.7 37.1#



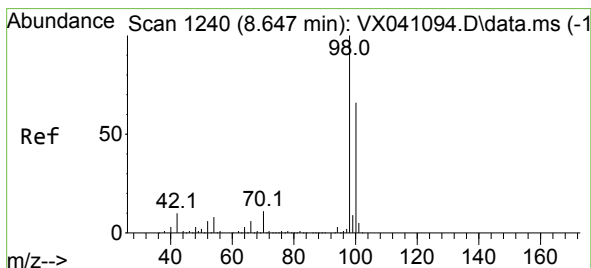
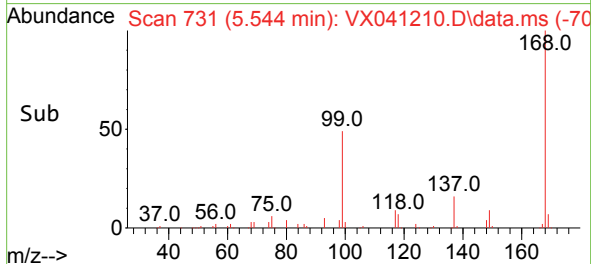
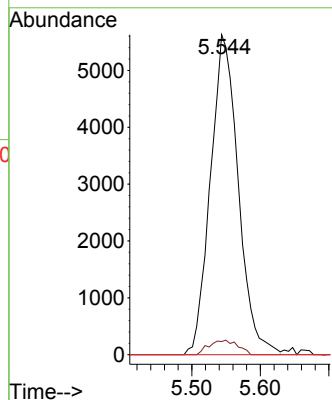


#38
Carbon Tetrachloride
Concen: 6.597 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :

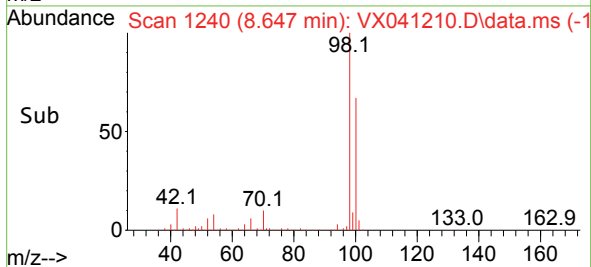
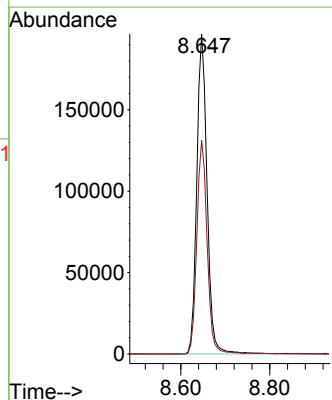
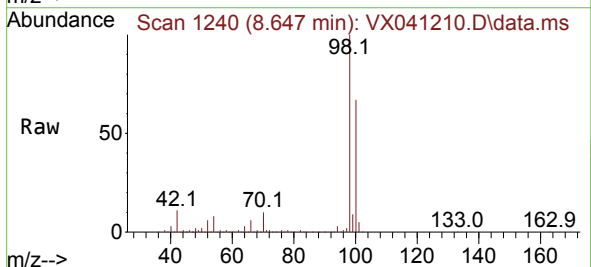


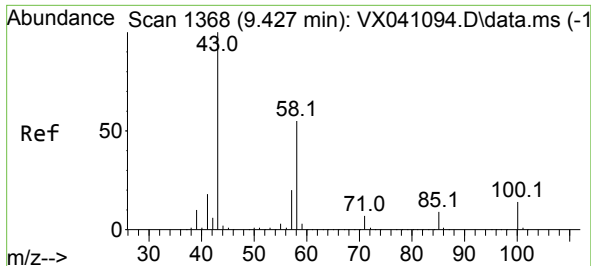
Tgt Ion:117 Resp: 15876
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

Tgt Ion: 98 Resp: 315523
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#59

2-Hexanone

Concen: 0.214 ug/l

RT: 9.457 min Scan# 1373

Delta R.T. 0.024 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

Instrument :

MSVOA_X

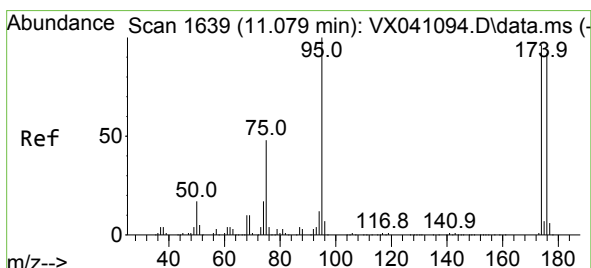
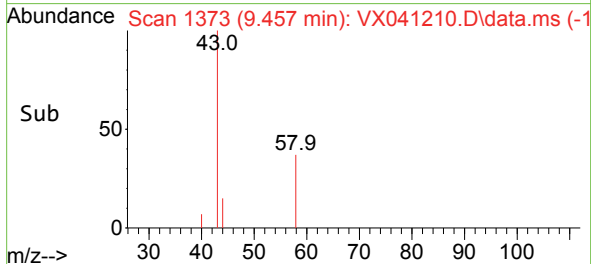
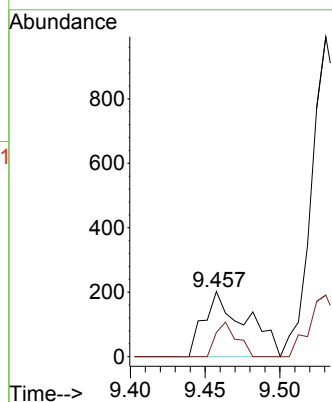
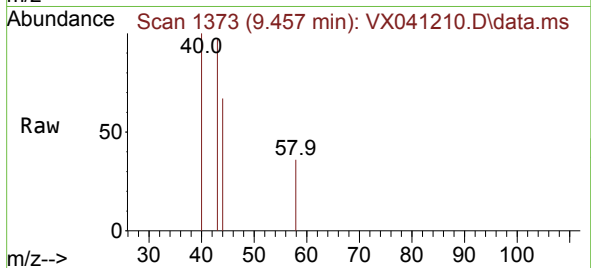
ClientSampleId :

Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

43 100

58 26.9 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 54.692 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

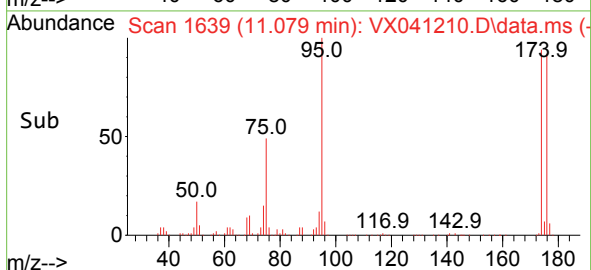
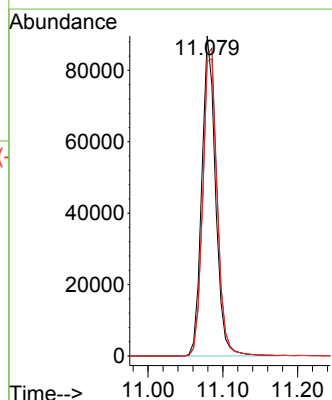
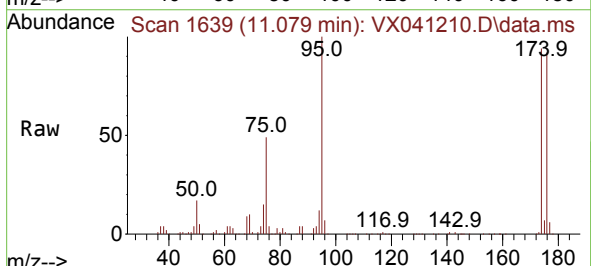
Tgt Ion: 95 Resp: 114683

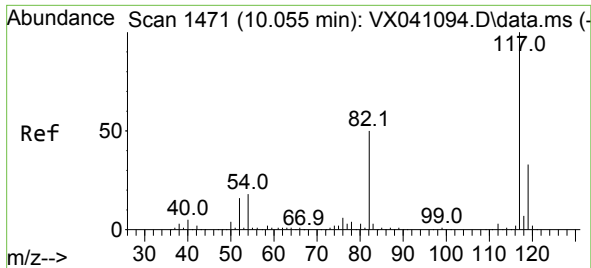
Ion Ratio Lower Upper

95 100

174 101.5 0.0 135.6

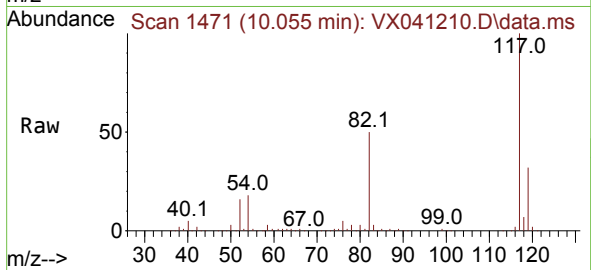
176 98.3 0.0 131.0



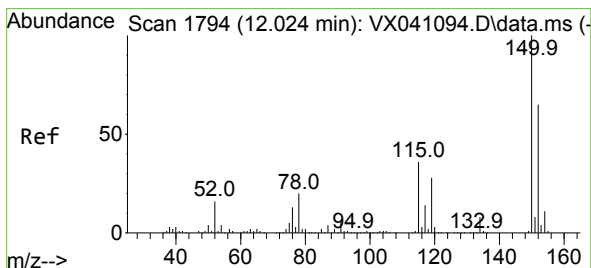
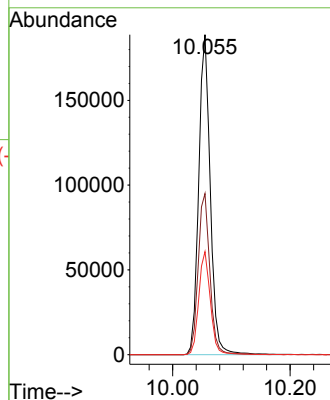
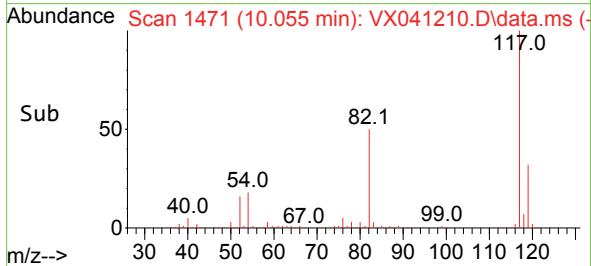


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41

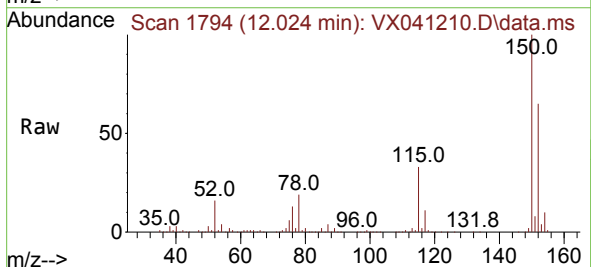
Instrument :
MSVOA_X
ClientSampleId :



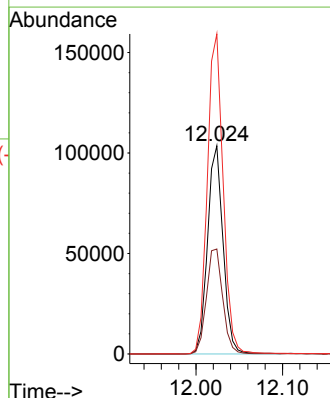
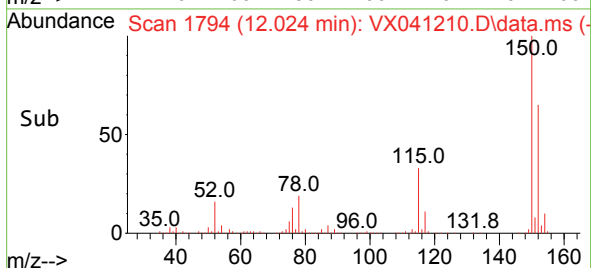
Tgt Ion:117 Resp: 258229
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.2 25.5 38.3

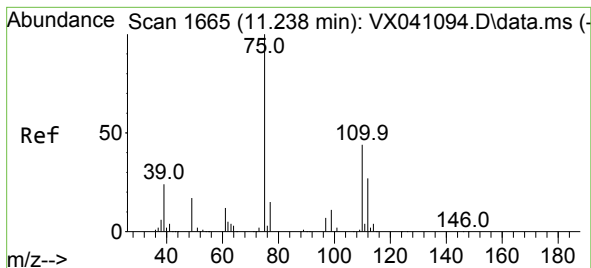


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041210.D
Acq: 23 Apr 2024 12:41



Tgt Ion:152 Resp: 128897
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

Instrument :

MSVOA_X

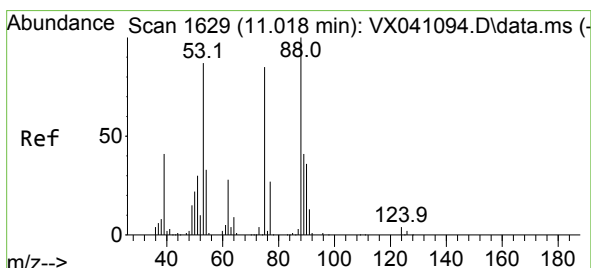
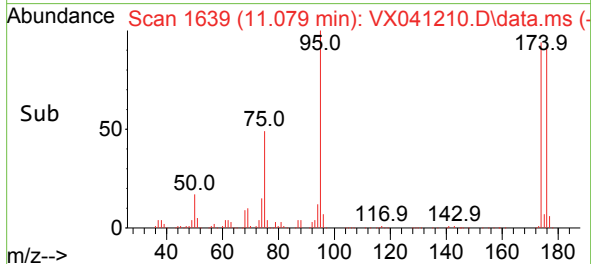
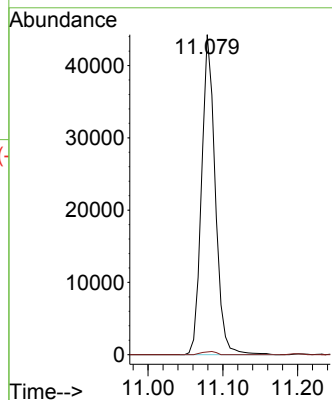
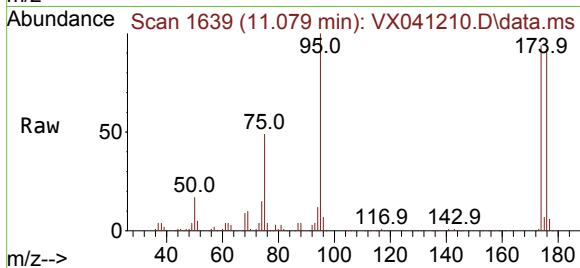
ClientSampleId :

Tgt Ion: 75 Resp: 56222

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.378 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

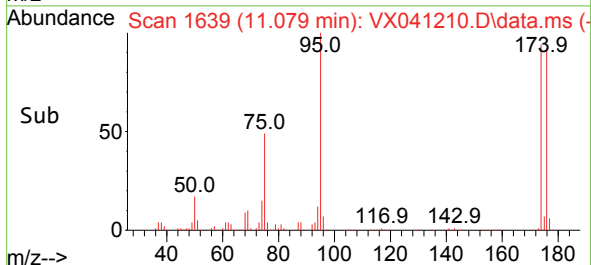
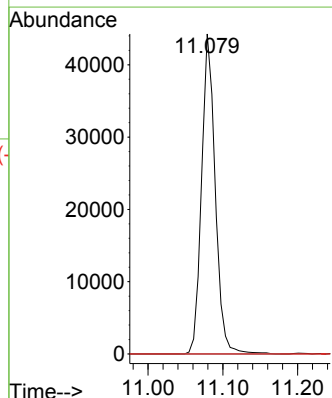
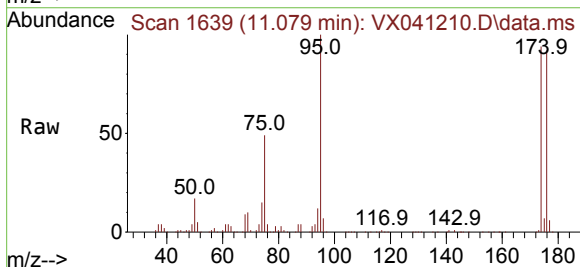
Tgt Ion: 75 Resp: 56222

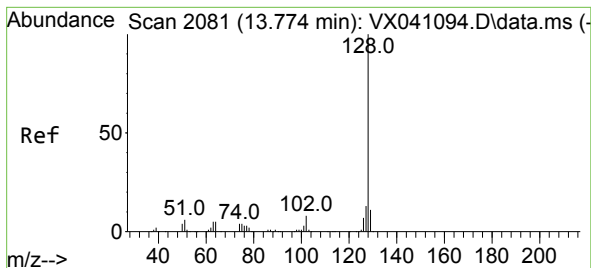
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.293 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

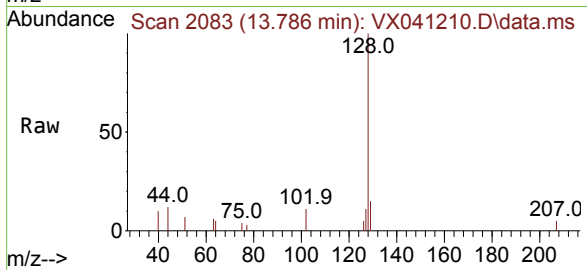
Lab File: VX041210.D

Acq: 23 Apr 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	128	Resp:	2451
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	9.4	8.8	13.2

