

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039564.D
 Acq On : 02 Jan 2024 12:07
 Operator : JC/MD
 Sample : 06038-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:11:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78455	48.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.379	113	61846	47.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	237586	48.802	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	107217	53.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	341	0.464	ug/l	85
10) Methyl Iodide	2.459	142	331	0.281	ug/l #	61
11) Tert butyl alcohol	2.940	59	1762	4.348	ug/l #	78
13) Acrolein	2.239	56	705	2.181	ug/l #	67
14) Allyl chloride	2.788	41	17447	7.603	ug/l #	24
15) Acrylonitrile	3.093	53	229	0.282	ug/l #	56
16) Acetone	2.386	43	933943	1103.929	ug/l	93
17) Carbon Disulfide	2.501	76	1529	0.461	ug/l	99
20) Methylene Chloride	2.788	84	439771	326.918	ug/l	98
25) 2-Butanone	4.574	43	12351	8.870	ug/l	91
29) Tetrahydrofuran	5.031	42	1763	2.293	ug/l #	89
31) Cyclohexane	5.458	56	2590	1.243	ug/l	93
36) 1,1-Dichloropropene	5.544	75	8608	4.160	ug/l #	51
37) Ethyl Acetate	4.574	43	12351	4.831	ug/l #	69
38) Carbon Tetrachloride	5.544	117	9775	4.950	ug/l #	15
39) Methylcyclohexane	7.379	83	2977	1.198	ug/l	96
40) Benzene	6.031	78	341864	58.402	ug/l	98
41) Methacrylonitrile	5.025	41	794	0.582	ug/l #	51
42) 1,2-Dichloroethane	6.037	62	3231	1.364	ug/l #	77
43) Isopropyl Acetate	6.342	43	22367	5.380	ug/l	99
48) Methyl methacrylate	7.629	41	1893	0.779	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	16257	6.137	ug/l #	46
52) Toluene	8.720	92	6337	1.794	ug/l	96
54) cis-1,3-Dichloropropene	8.555	75	6295	2.517	ug/l #	53
57) 1,3-Dichloropropane	9.482	76	574	0.225	ug/l #	42
59) 2-Hexanone	9.439	43	2884	1.262	ug/l	87
67) Ethyl Benzene	10.195	91	906506	113.752	ug/l	99
68) m/p-Xylenes	10.299	106	103319	36.160	ug/l	95
69) o-Xylene	10.640	106	73811	26.718	ug/l	94
70) Styrene	10.640	104	4761	1.179	ug/l #	1
73) Isopropylbenzene	10.963	105	77153	10.630	ug/l	98
74) N-amyl acetate	10.854	43	762	0.207	ug/l #	21
76) 1,2,3-Trichloropropane	11.079	75	57814	23.754	ug/l #	39
78) n-propylbenzene	11.305	91	26666	2.982	ug/l	97
79) 2-Chlorotoluene	11.378	91	18628	3.444	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	51091	8.263	ug/l	95

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

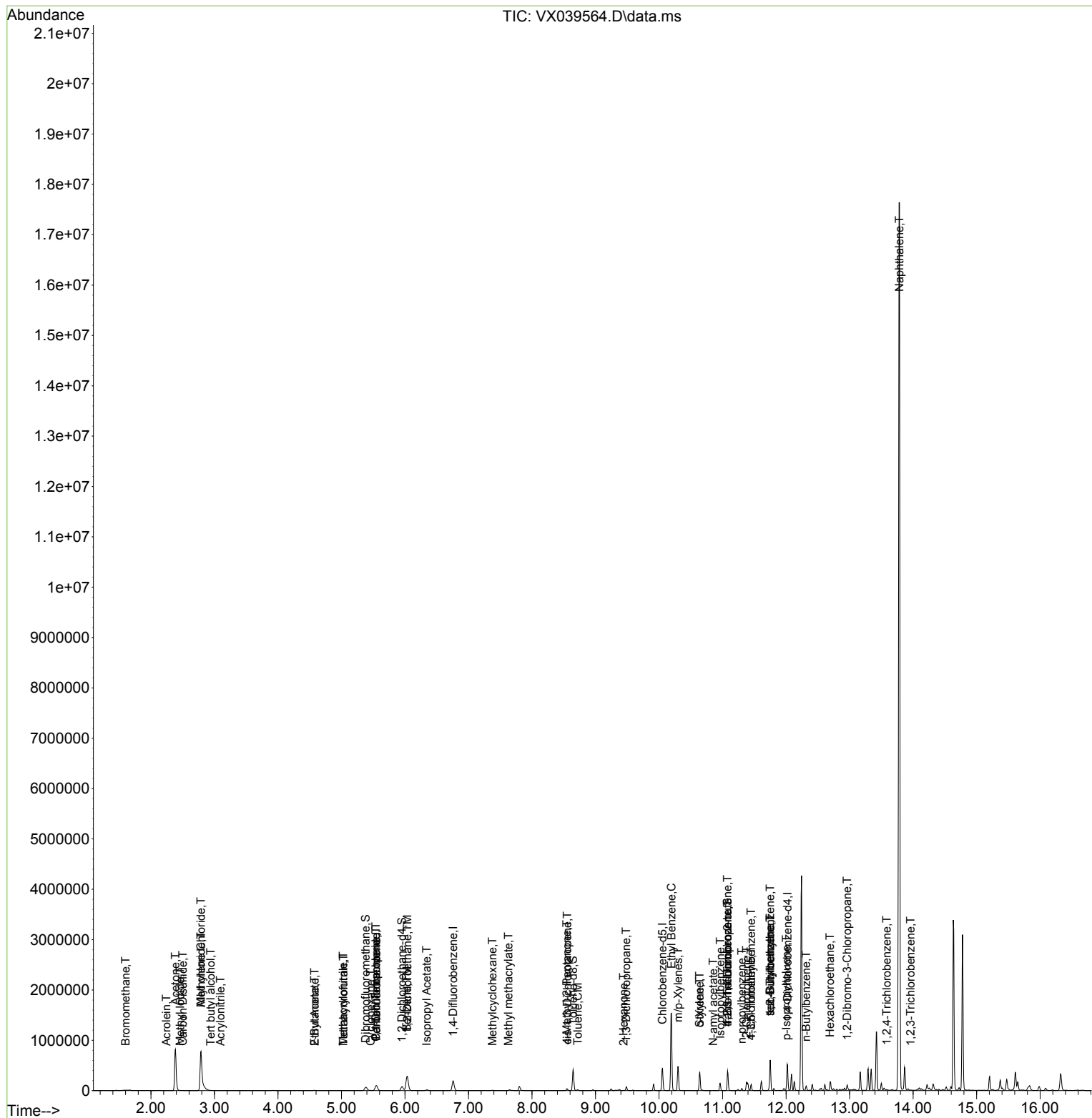
81) trans-1,4-Dichloro-2-b...	11.079	75	57814	67.010	ug/l #	5
82) 4-Chlorotoluene	11.451	91	6731	1.059	ug/l #	50
83) tert-Butylbenzene	11.750	119	29715	5.050	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.750	105	245230	38.675	ug/l	100
85) sec-Butylbenzene	11.750	105	245230	32.749	ug/l #	57
86) p-Isopropyltoluene	12.006	119	9548	1.519	ug/l #	73
89) n-Butylbenzene	12.317	91	9729	1.575	ug/l #	11
90) Hexachloroethane	12.695	117	74539	65.663	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	866	1.218	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.585	180	452	0.229	ug/l #	61
95) Naphthalene	13.786	128	10477858	1522.923	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	515	0.270	ug/l #	55

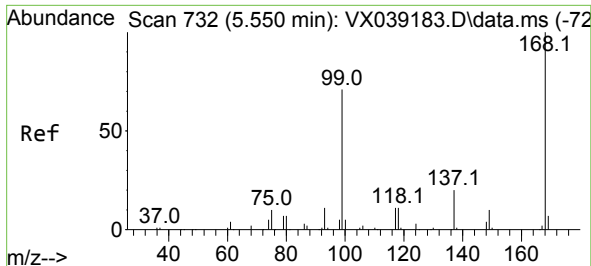
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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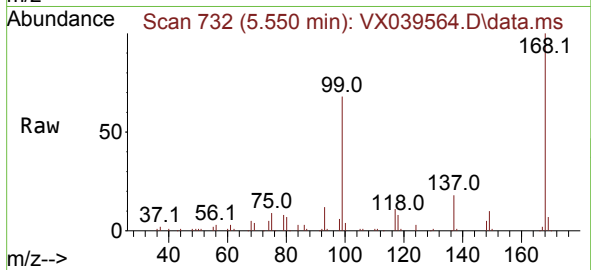


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

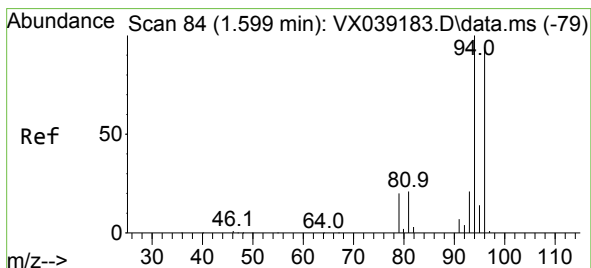
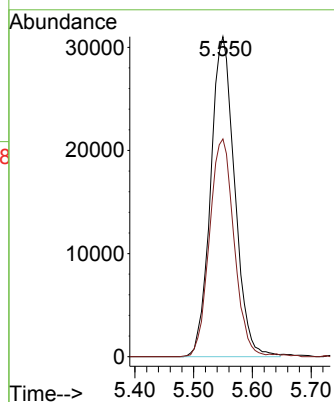
Instrument :

MSVOA_X

ClientSampleId :

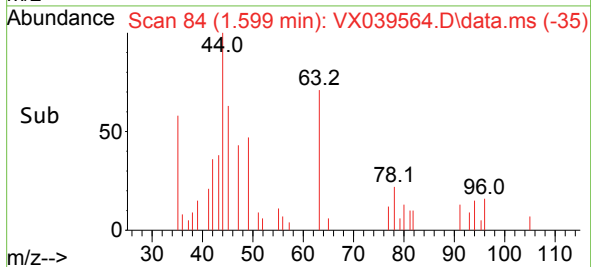
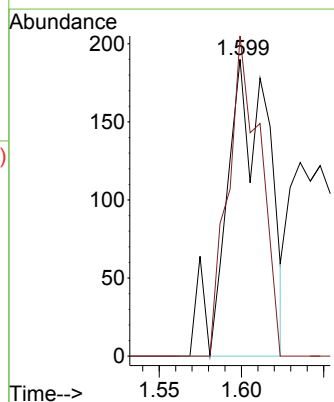
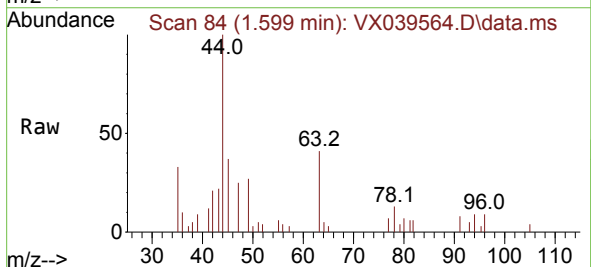


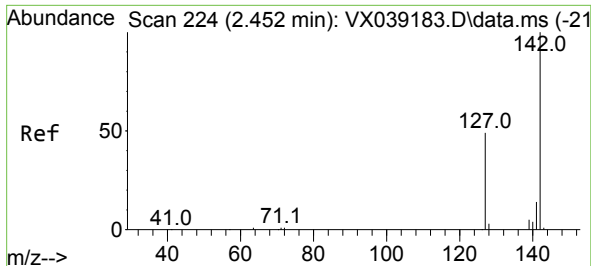
Tgt Ion:168 Resp: 88087
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#5
Bromomethane
Concen: 0.464 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

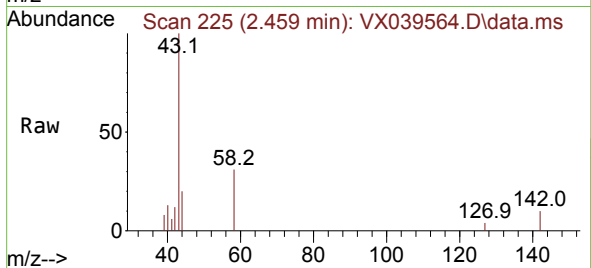
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 107.9 74.6 111.8



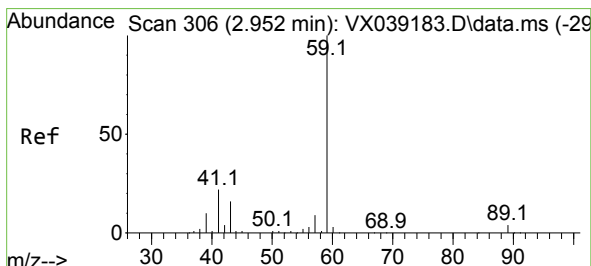
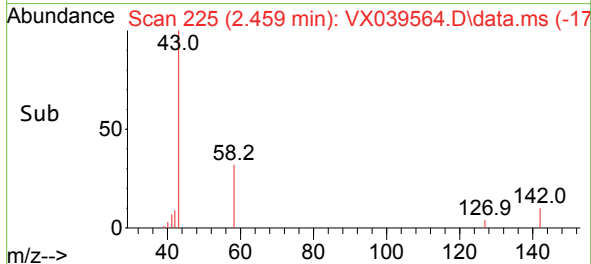
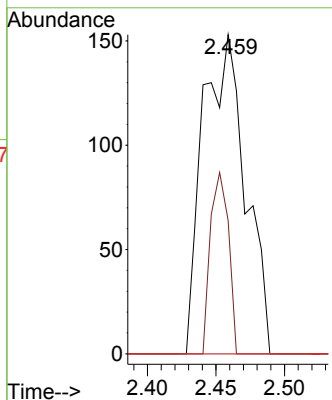


#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

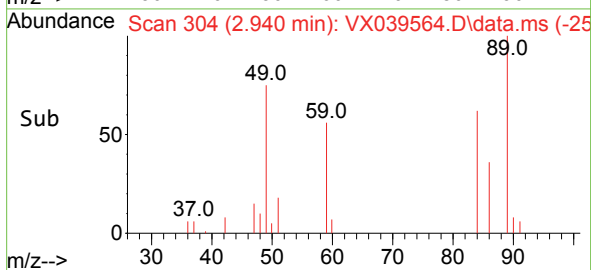
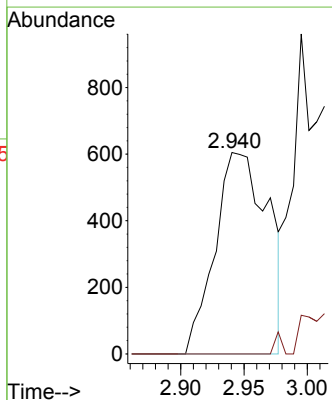
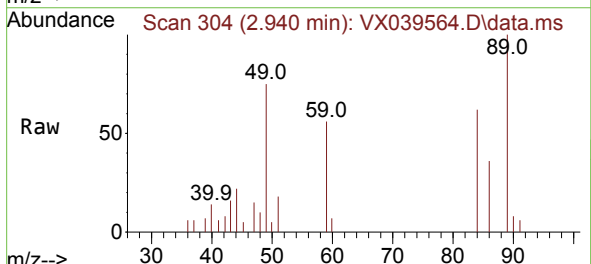


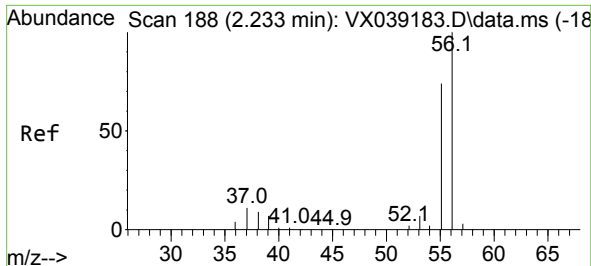
Tgt Ion:142 Resp: 331
Ion Ratio Lower Upper
142 100
127 24.2 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.348 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 59 Resp: 1762
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 2.181 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

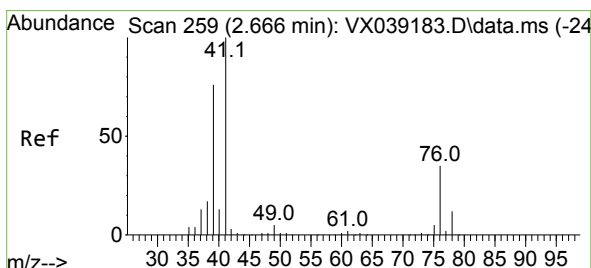
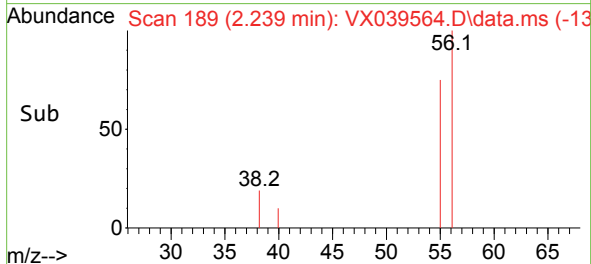
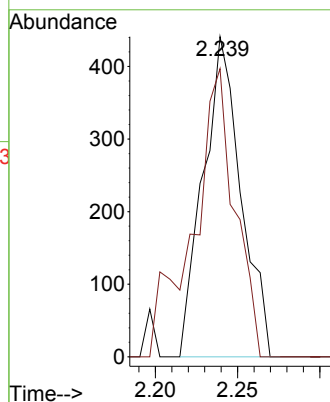
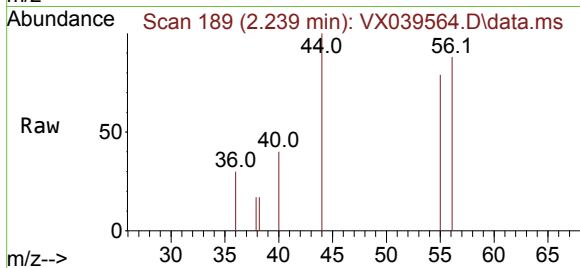
ClientSampleId :

Tgt Ion: 56 Resp: 705

Ion Ratio Lower Upper

56 100

55 99.1 57.1 85.7#



#14

Allyl chloride

Concen: 7.603 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.122 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

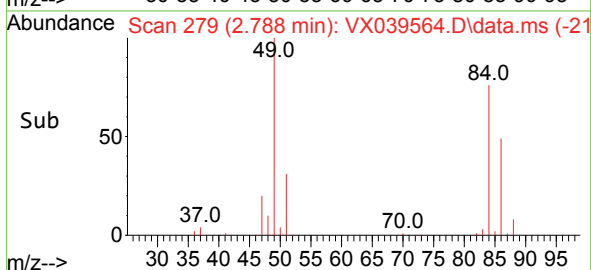
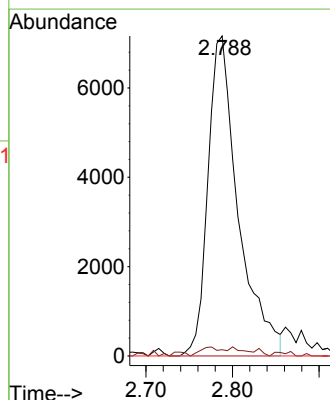
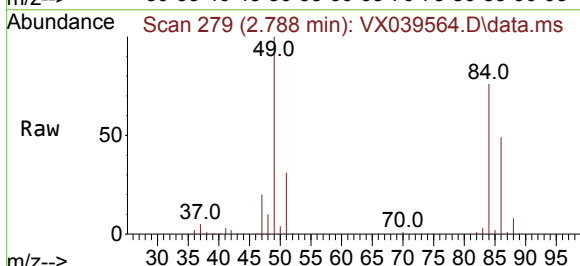
Tgt Ion: 41 Resp: 17447

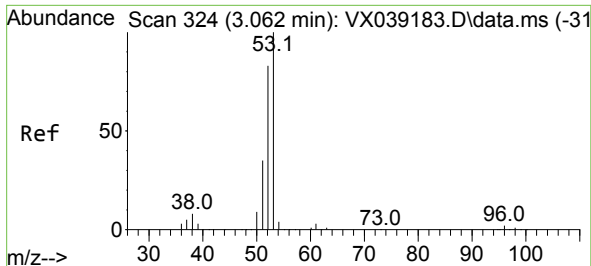
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

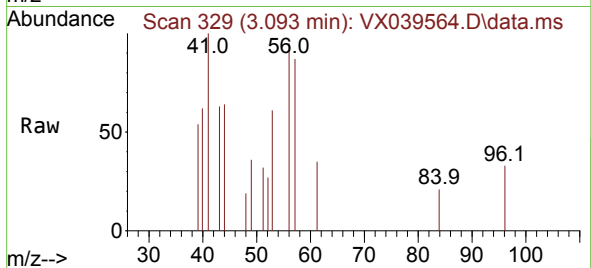
76 0.0 24.3 36.5#



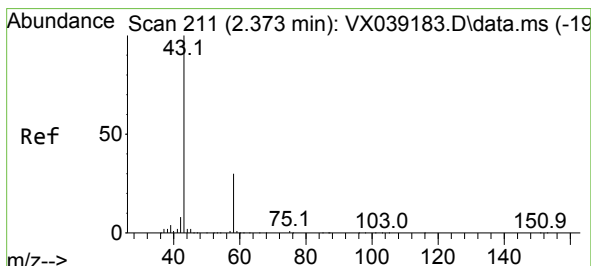
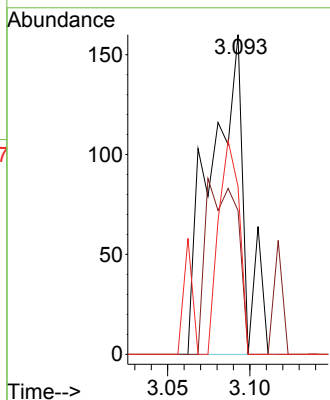
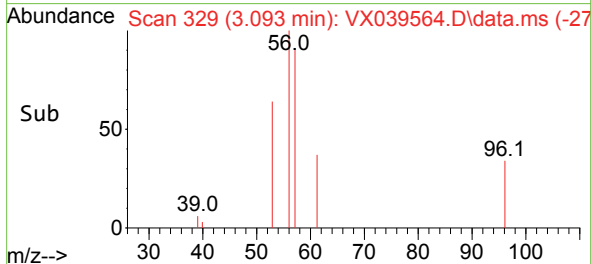


#15
Acrylonitrile
Concen: 0.282 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.031 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

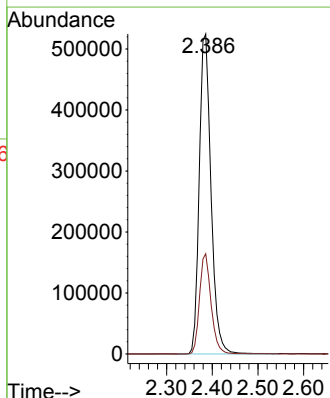
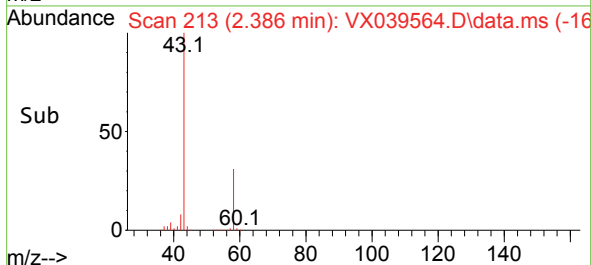
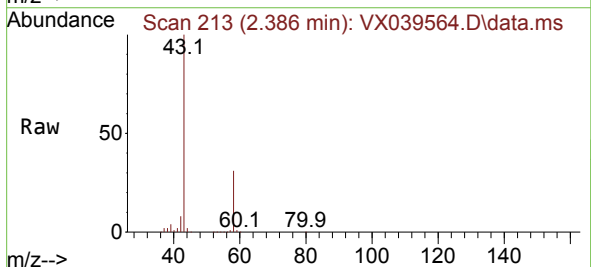


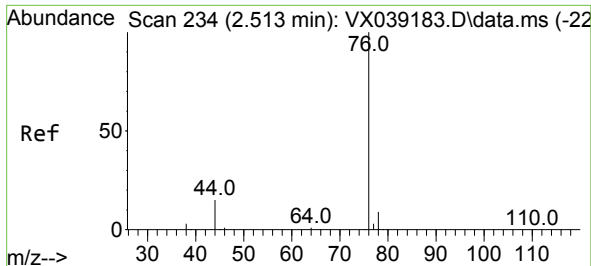
Tgt Ion: 53 Resp: 229
Ion Ratio Lower Upper
53 100
52 50.2 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 1103.929 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

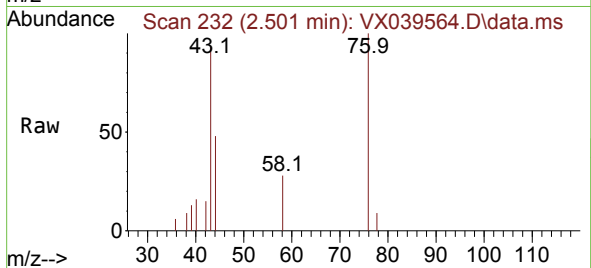
Tgt Ion: 43 Resp: 933943
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



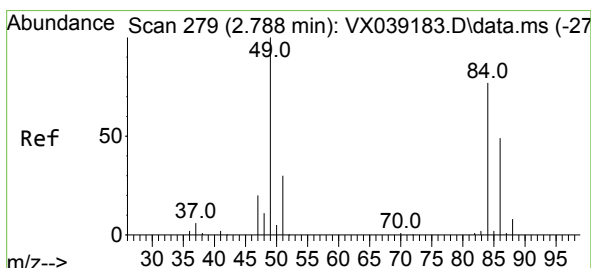
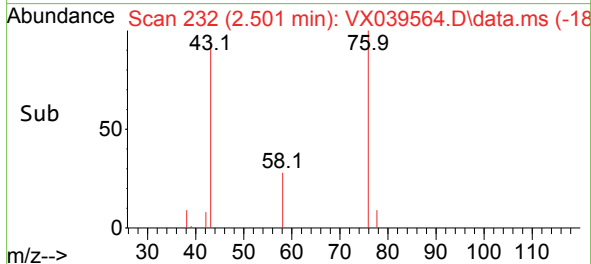
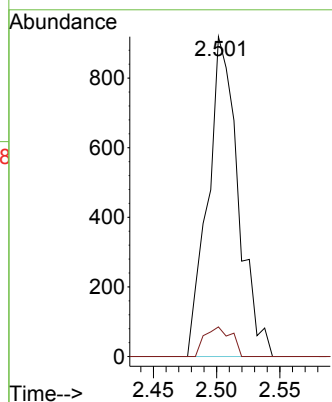


#17
Carbon Disulfide
Concen: 0.461 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

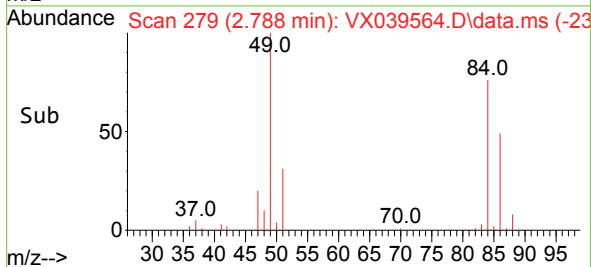
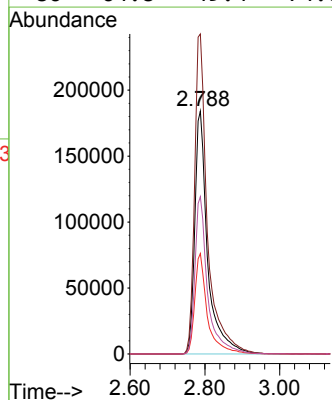
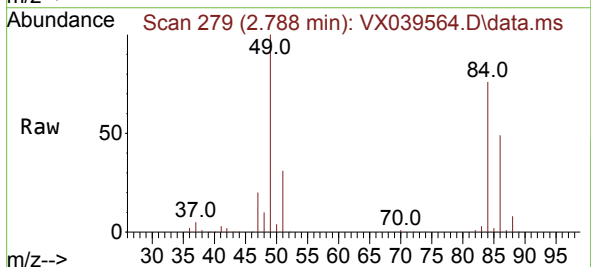


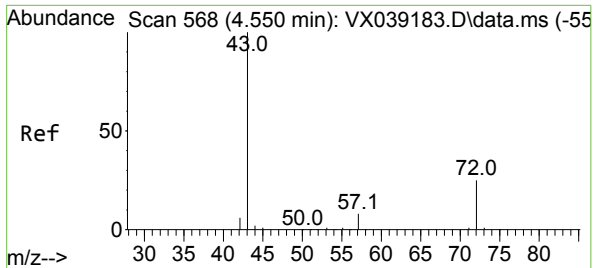
Tgt Ion: 76 Resp: 1529
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#20
Methylene Chloride
Concen: 326.918 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 84 Resp: 439771
Ion Ratio Lower Upper
84 100
49 131.8 103.6 155.4
51 41.4 33.8 50.6
86 64.8 49.4 74.0

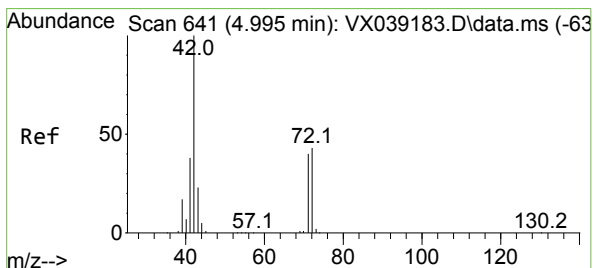
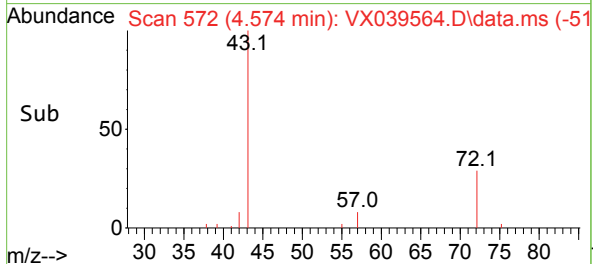
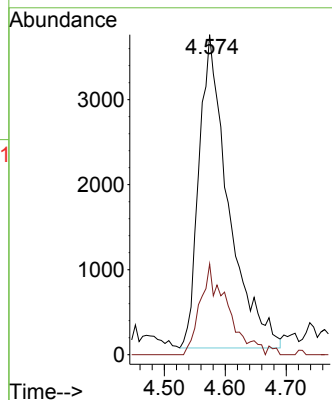
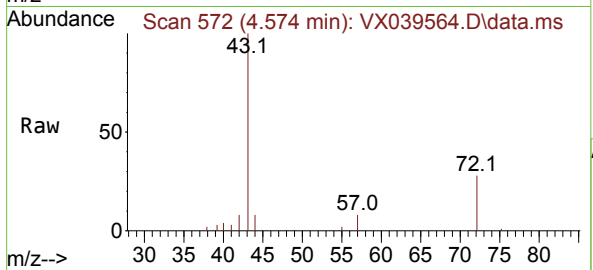




#25
2-Butanone
Concen: 8.870 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

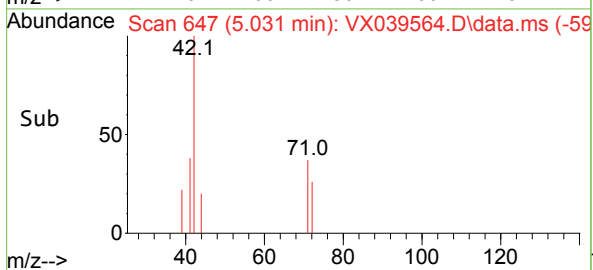
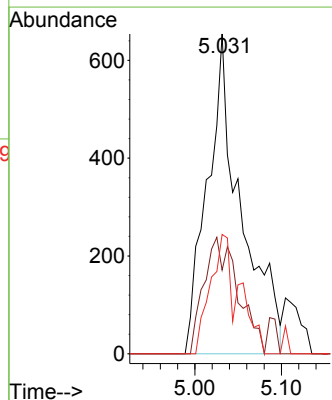
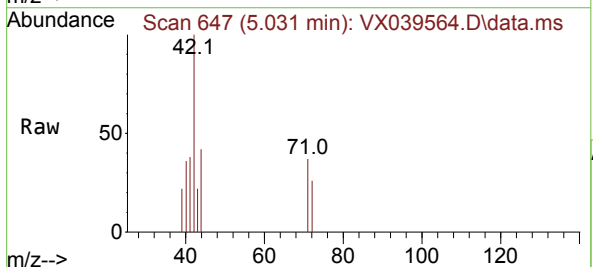
Instrument :
MSVOA_X
ClientSampleId :

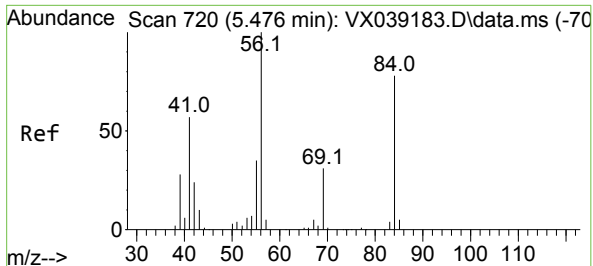
Tgt Ion: 43 Resp: 12351
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 2.293 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

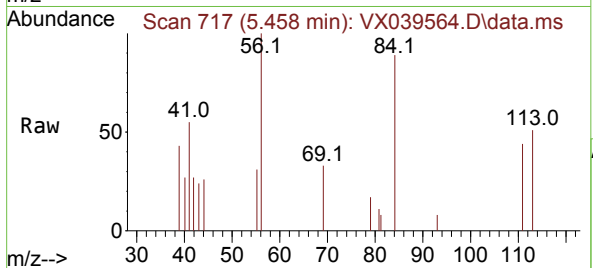
Tgt Ion: 42 Resp: 1763
Ion Ratio Lower Upper
42 100
72 37.2 34.2 51.4
71 31.7 32.2 48.2#



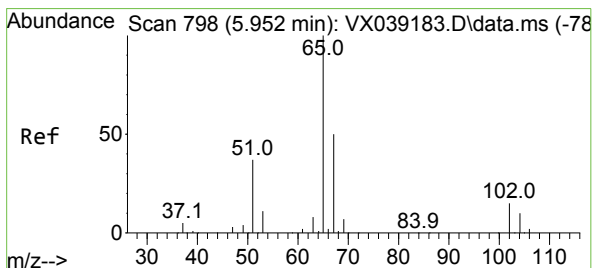
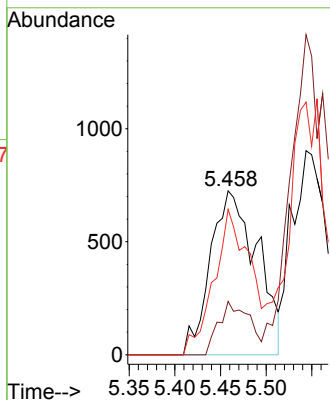
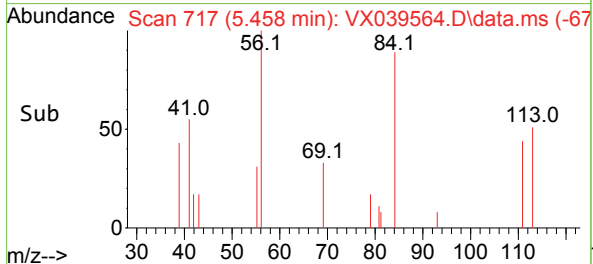


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

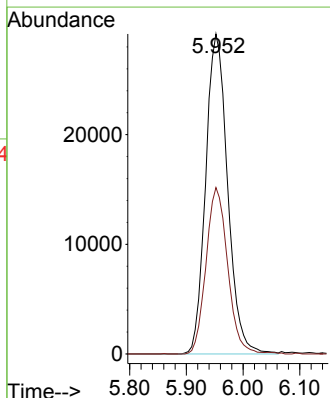
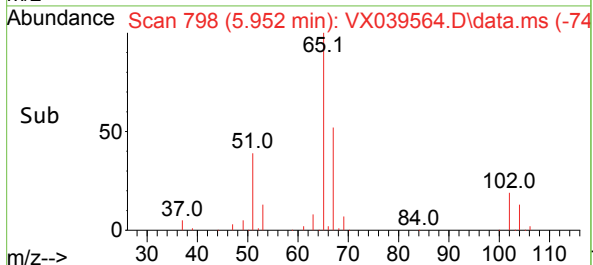
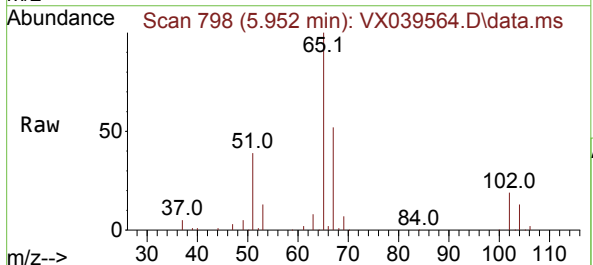


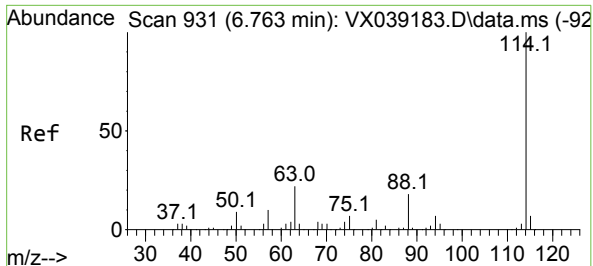
Tgt Ion: 56 Resp: 2590
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 88.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.618 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

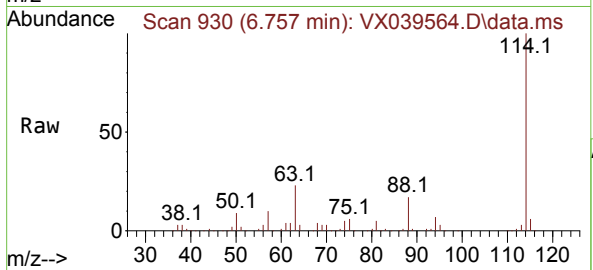
Tgt Ion: 65 Resp: 78455
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



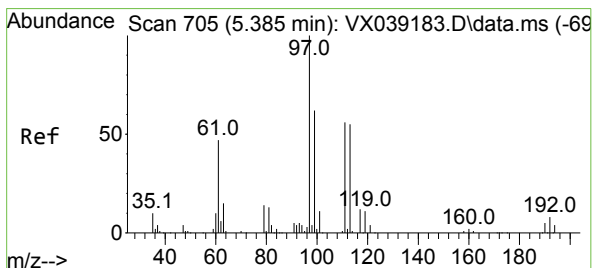
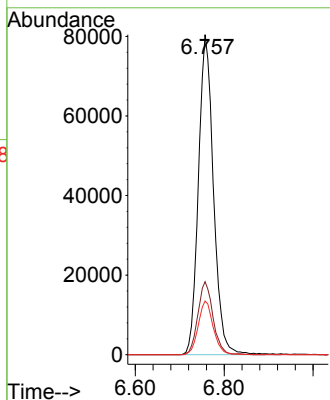
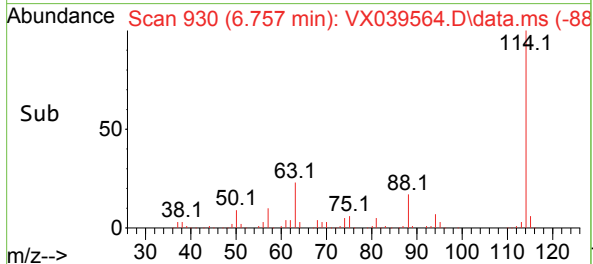


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

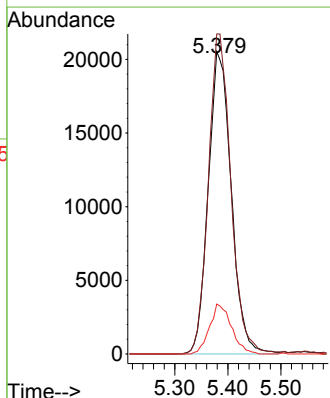
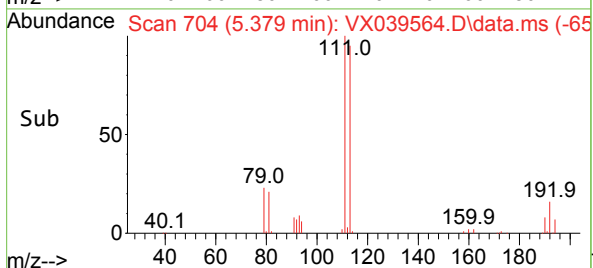
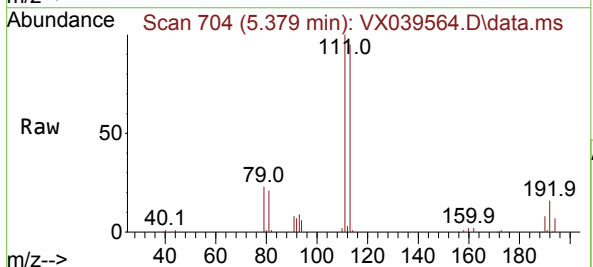


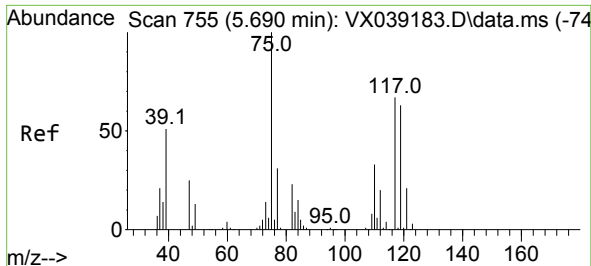
Tgt Ion:114 Resp: 189815
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.163 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

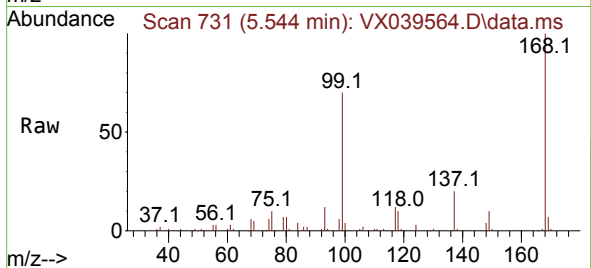
Tgt Ion:113 Resp: 61846
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.7 13.3 19.9



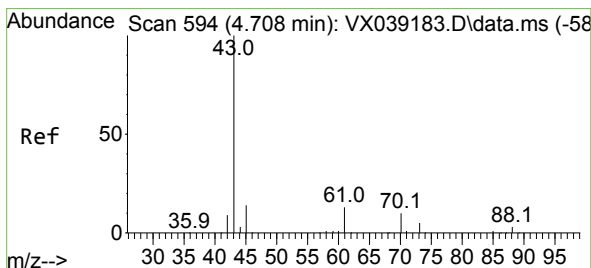
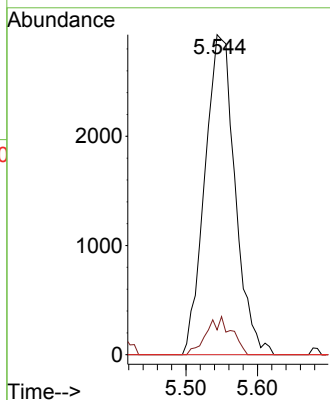
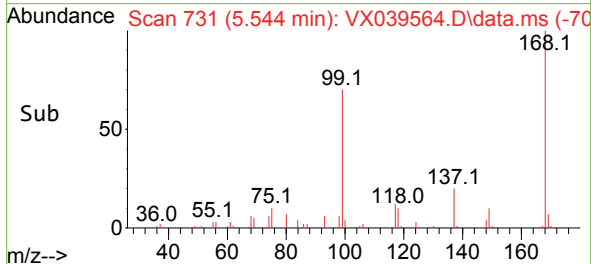


#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

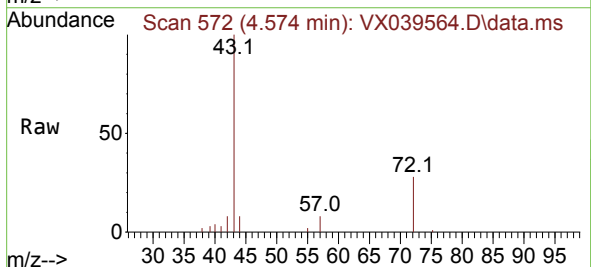
Instrument :
MSVOA_X
ClientSampleId :



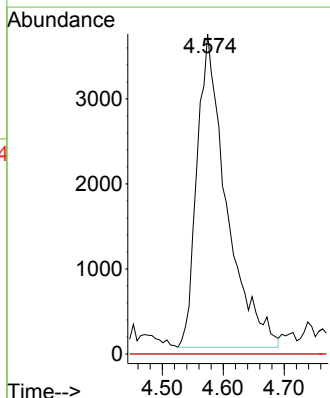
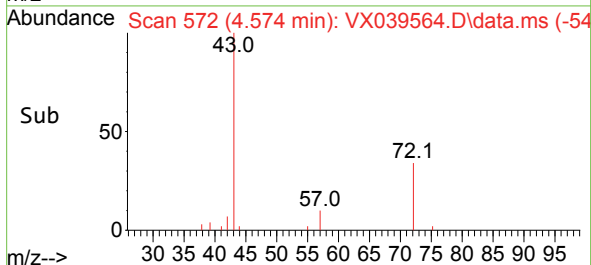
Tgt Ion: 75 Resp: 8608
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

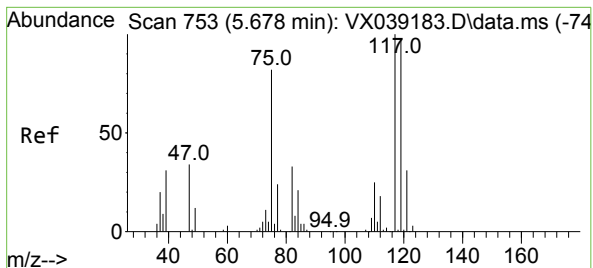


#37
Ethyl Acetate
Concen: 4.831 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.134 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07



Tgt Ion: 43 Resp: 12351
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 4.950 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

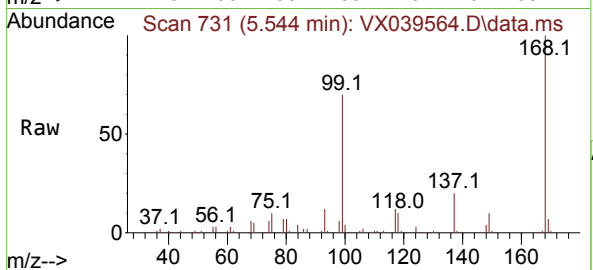
Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :



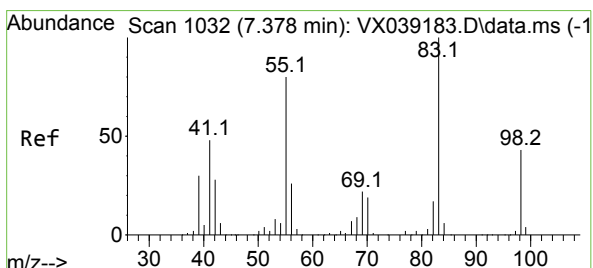
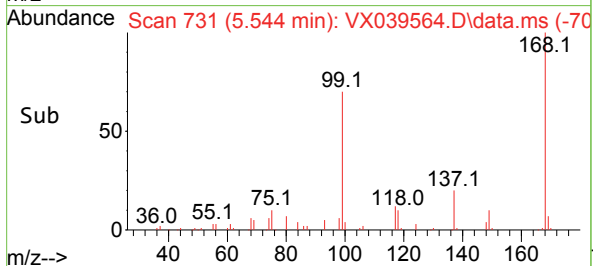
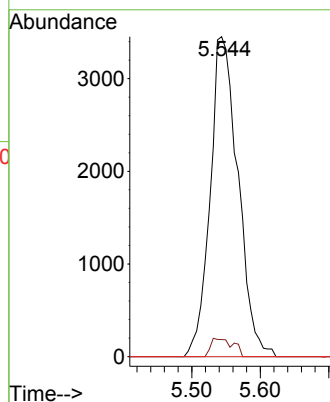
Tgt Ion:117 Resp: 9775

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 1.198 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

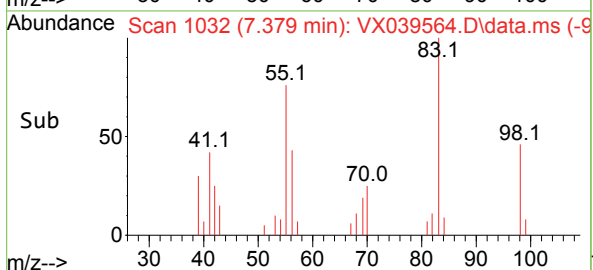
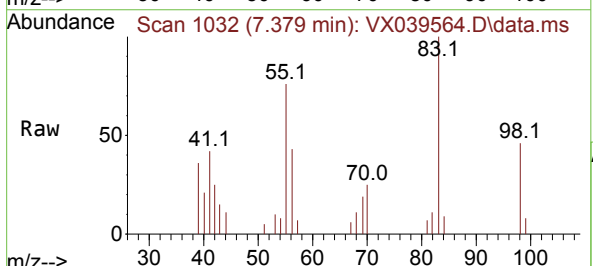
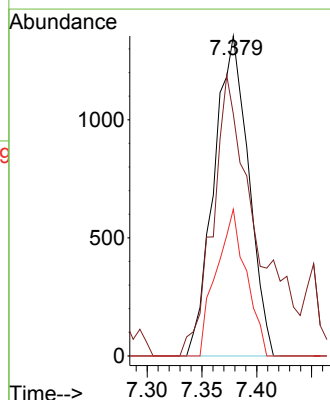
Tgt Ion: 83 Resp: 2977

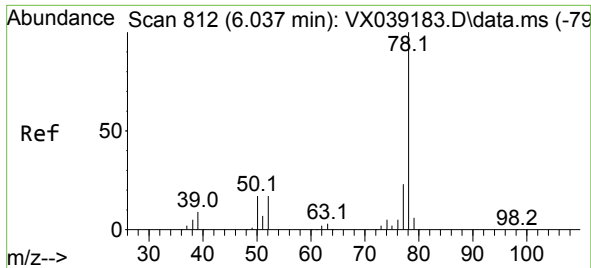
Ion Ratio Lower Upper

83 100

55 75.6 64.6 97.0

98 45.8 36.7 55.1





#40

Benzene

Concen: 58.402 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

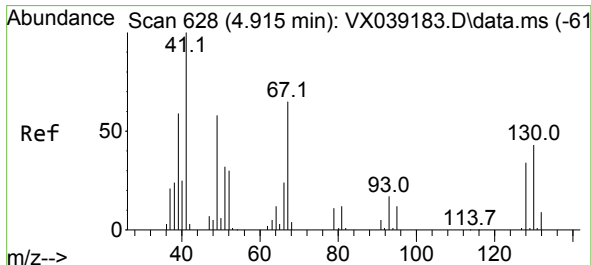
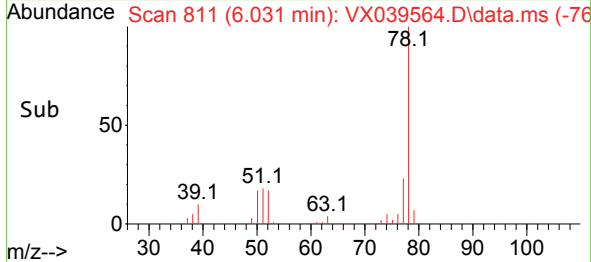
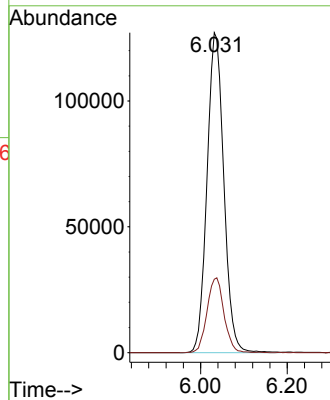
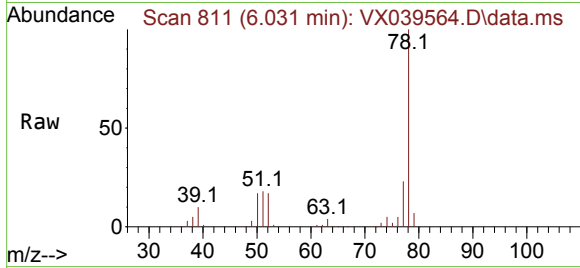
ClientSampleId :

Tgt Ion: 78 Resp: 341864

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



#41

Methacrylonitrile

Concen: 0.582 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.110 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Tgt Ion: 41 Resp: 794

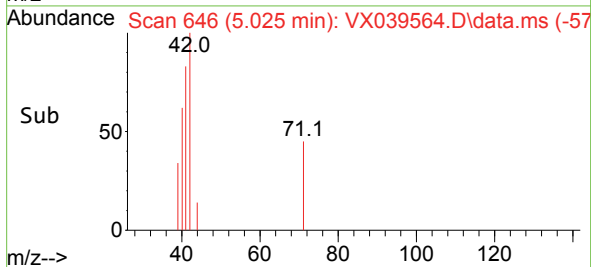
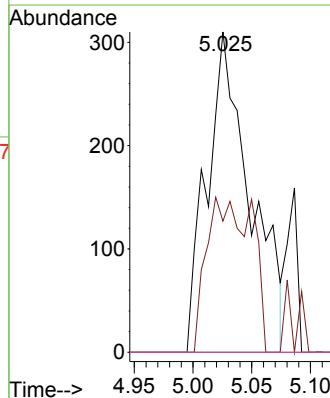
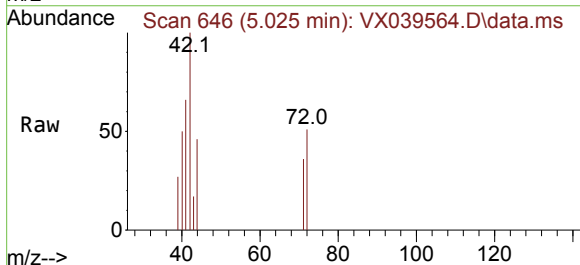
Ion Ratio Lower Upper

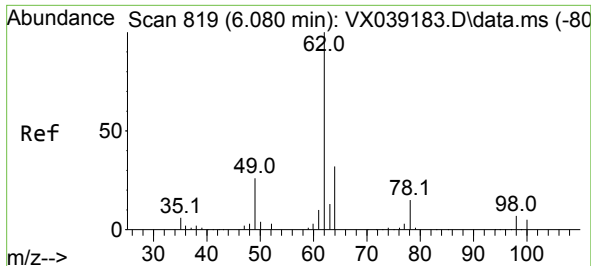
41 100

39 50.4 45.2 67.8

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 1.364 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.042 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

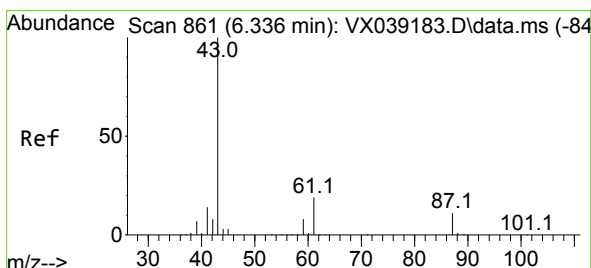
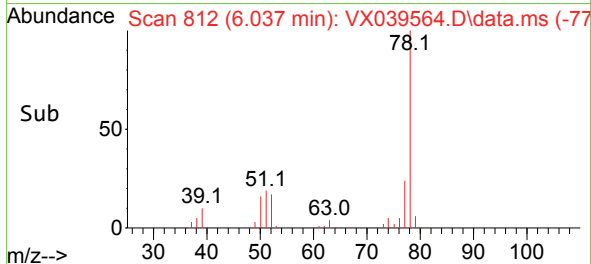
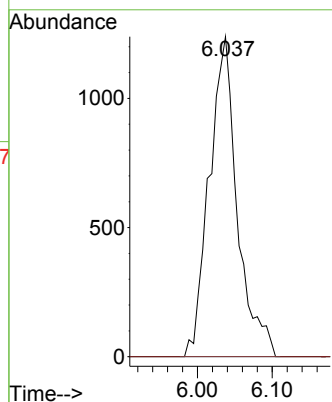
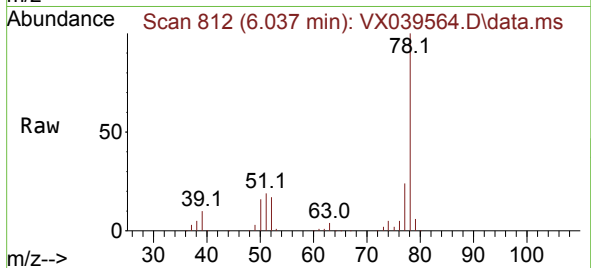
ClientSampleId :

Tgt Ion: 62 Resp: 3231

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 5.380 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

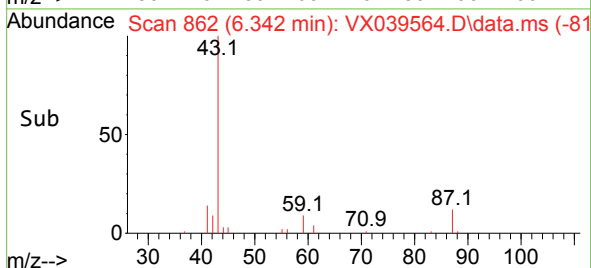
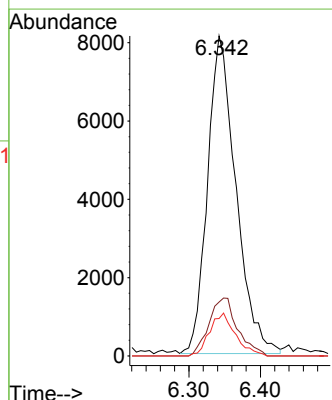
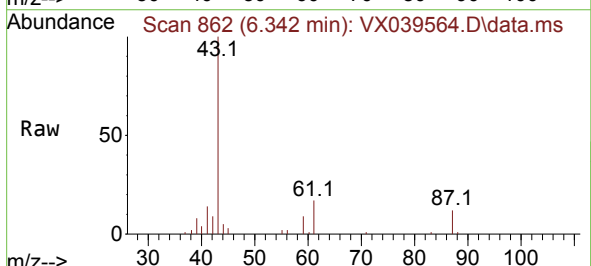
Tgt Ion: 43 Resp: 22367

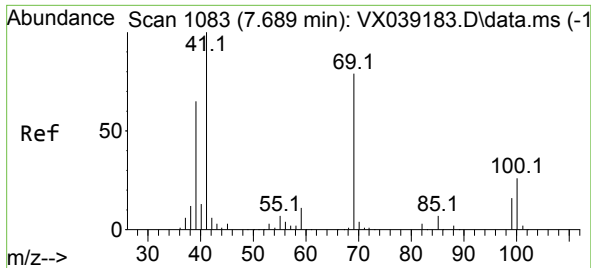
Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

87 12.3 9.8 14.6





#48

Methyl methacrylate

Concen: 0.779 ug/l

RT: 7.629 min Scan# 1083

Delta R.T. -0.061 min

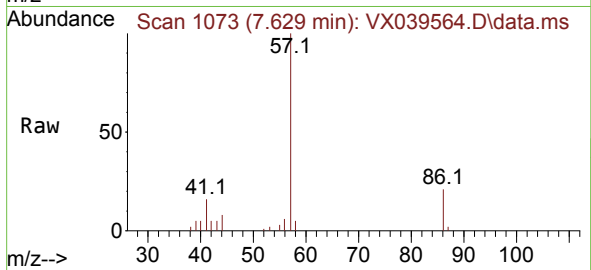
Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

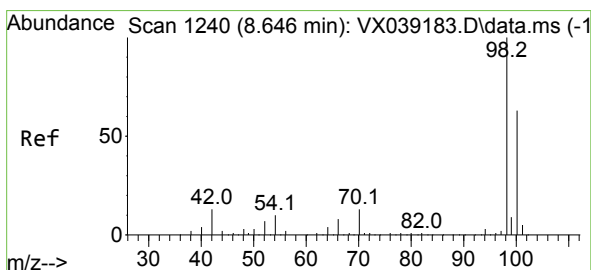
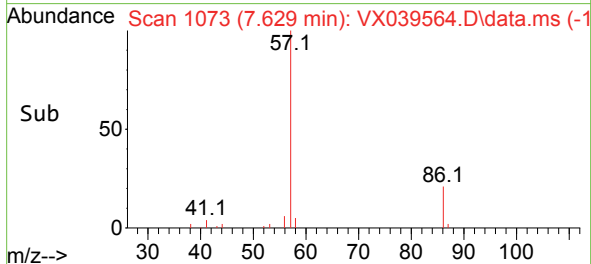
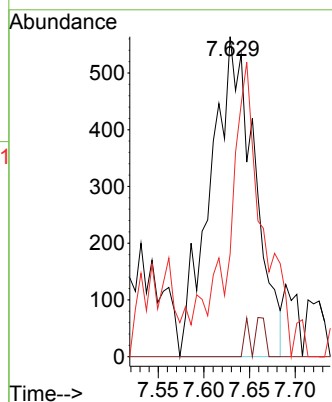
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	1893
Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8#
39	0.0	47.7	71.5#



#50

Toluene-d8

Concen: 48.802 ug/l

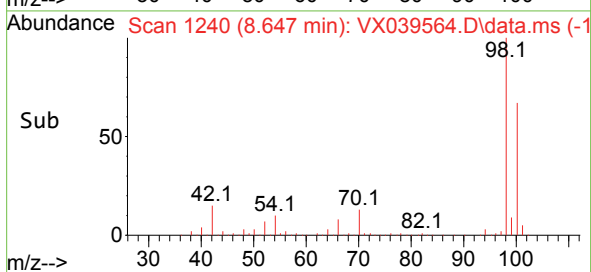
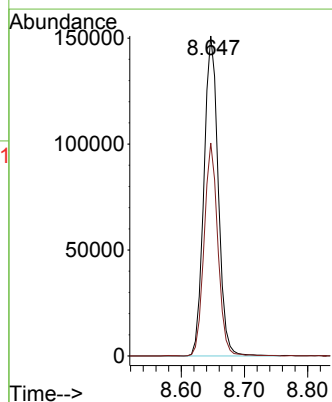
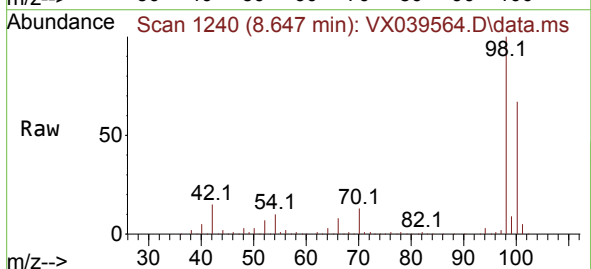
RT: 8.647 min Scan# 1240

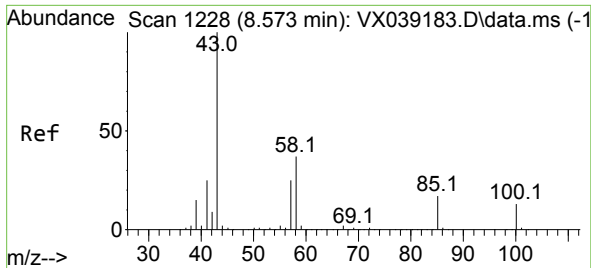
Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Tgt Ion:	98	Resp:	237586
Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7

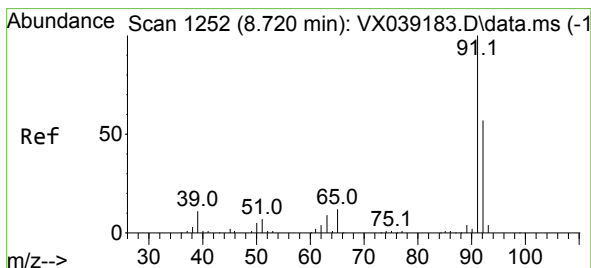
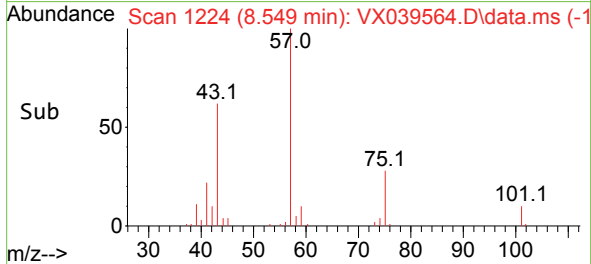
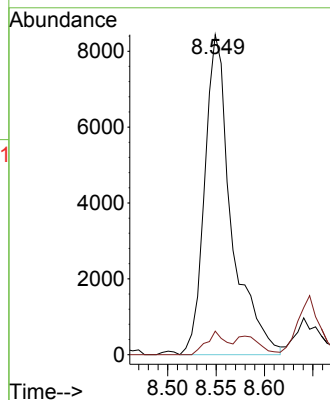
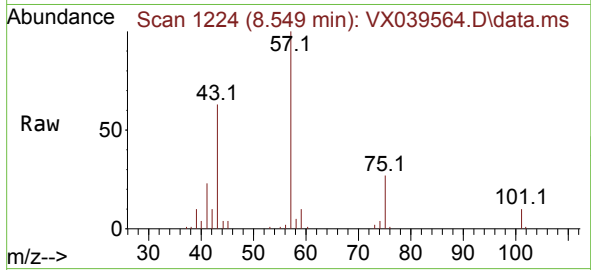




#51
4-Methyl-2-Pentanone
Concen: 6.137 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

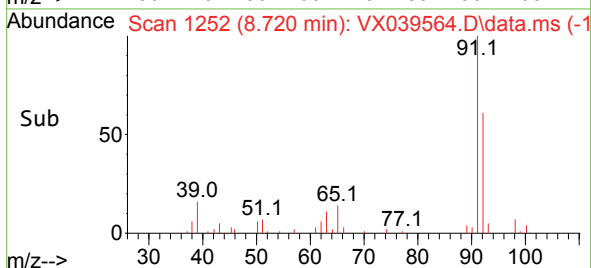
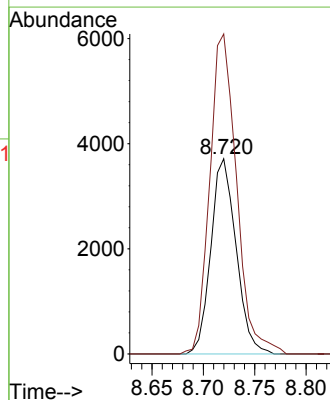
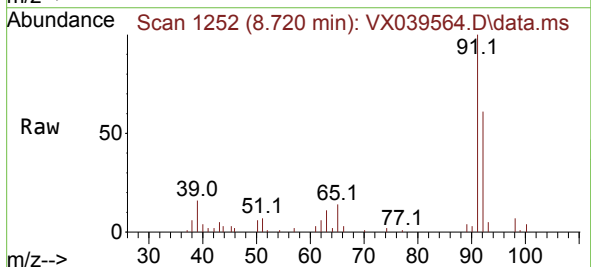
Instrument :
MSVOA_X
ClientSampleId :

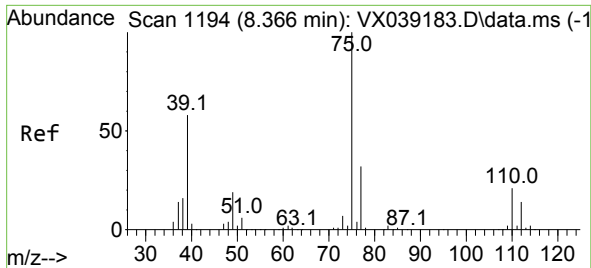
Tgt Ion: 43 Resp: 16257
Ion Ratio Lower Upper
43 100
58 5.5 30.4 45.6#



#52
Toluene
Concen: 1.794 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 92 Resp: 6337
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2

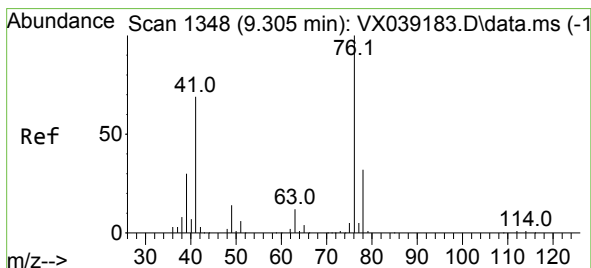
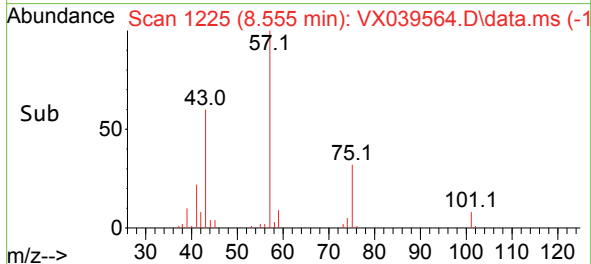
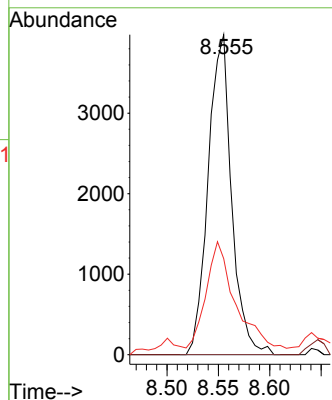
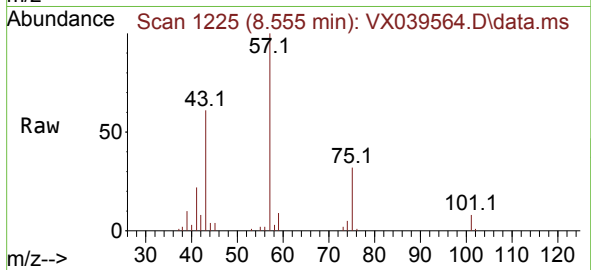




#54
 cis-1,3-Dichloropropene
 Concen: 2.517 ug/l
 RT: 8.555 min Scan# 1194
 Delta R.T. 0.189 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

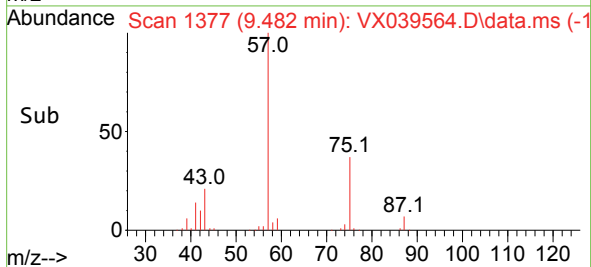
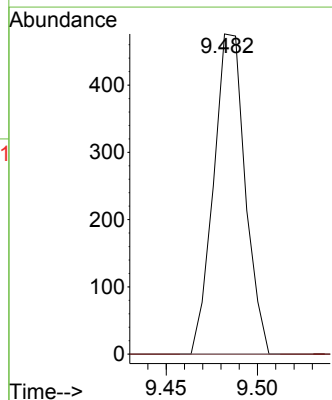
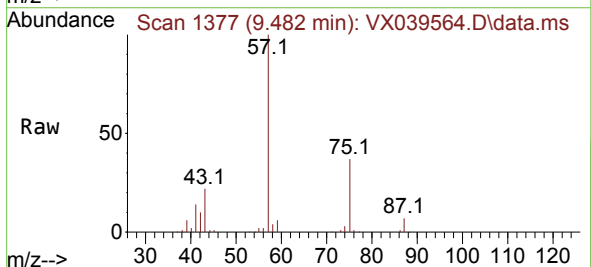
Instrument :
 MSVOA_X
 ClientSampleId :

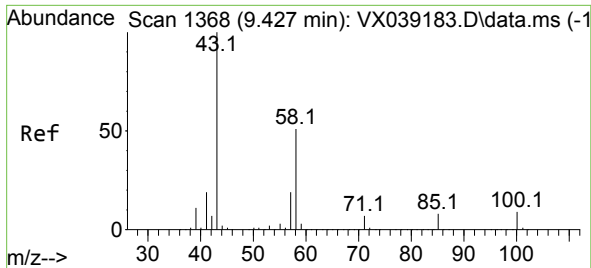
Tgt Ion: 75 Resp: 6295
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 27.4 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 0.225 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

Tgt Ion: 76 Resp: 574
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

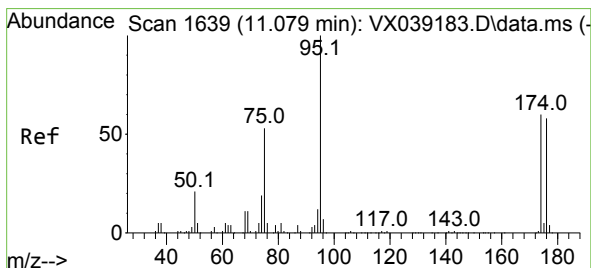
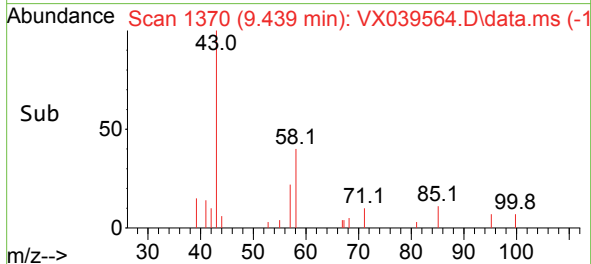
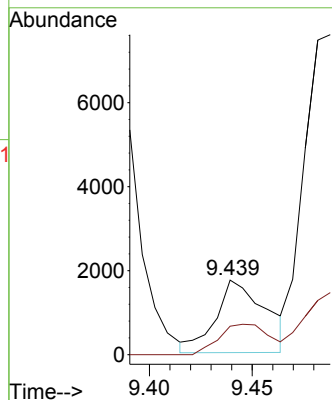
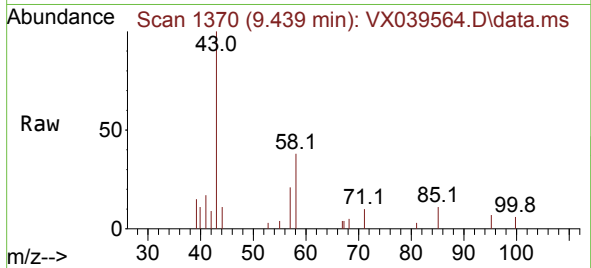




#59
2-Hexanone
Concen: 1.262 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

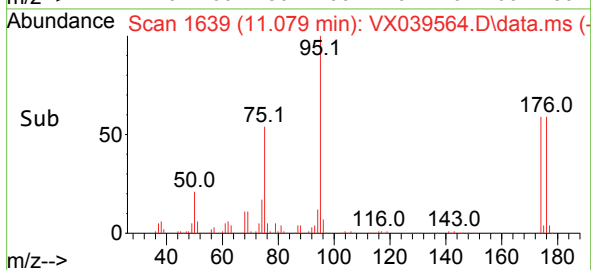
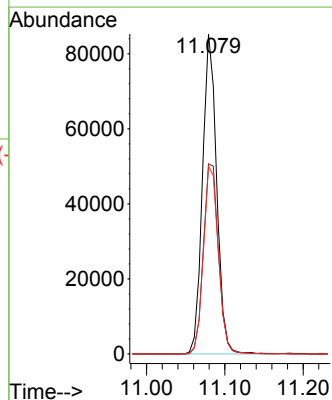
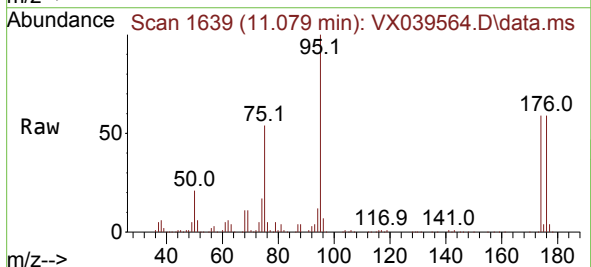
Instrument :
MSVOA_X
ClientSampleId :

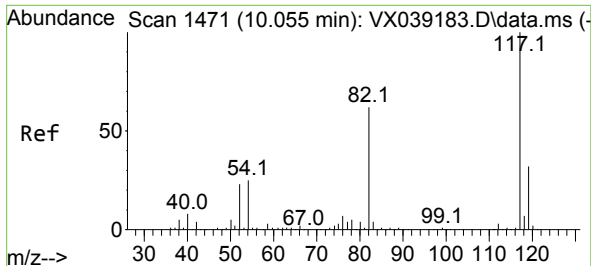
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
58 43.1 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 53.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

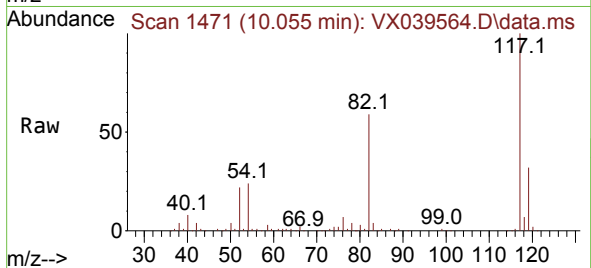
Tgt Ion: 95 Resp: 107217
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.7 0.0 131.0



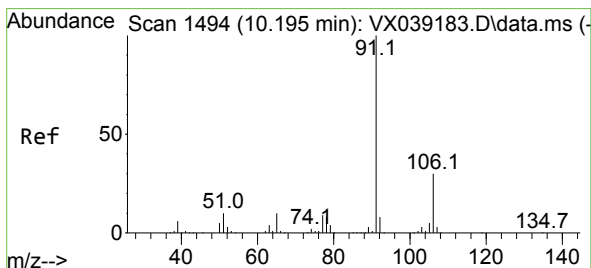
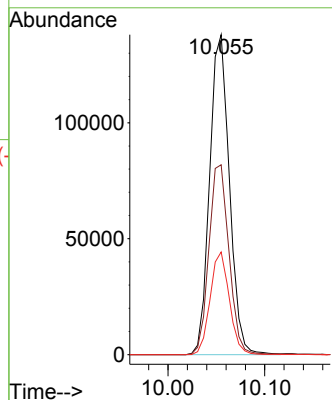
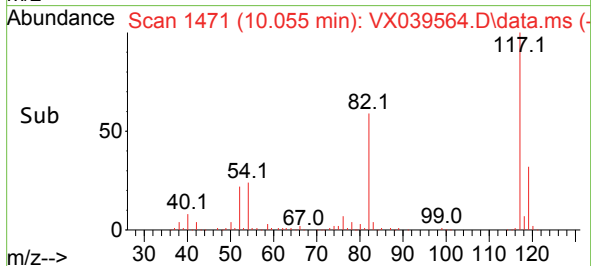


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :

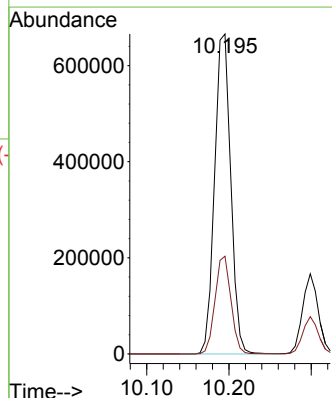
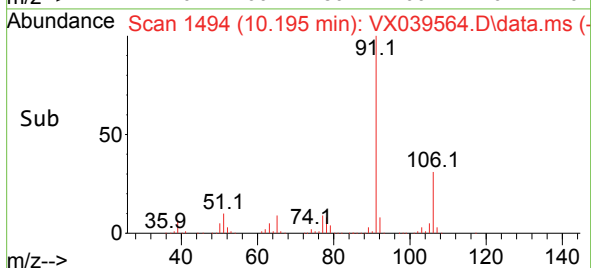
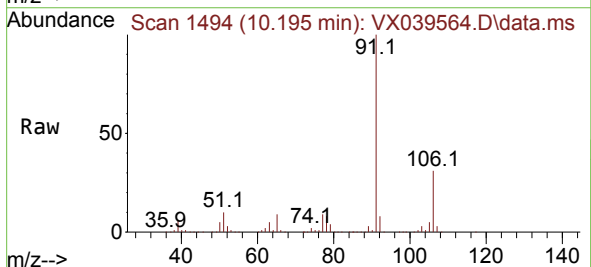


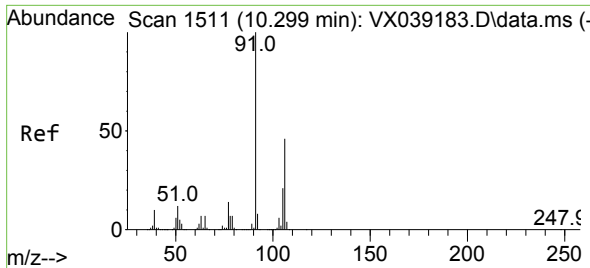
Tgt Ion:117 Resp: 196141
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 113.752 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 91 Resp: 906506
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

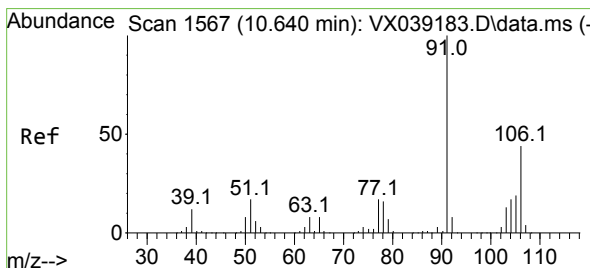
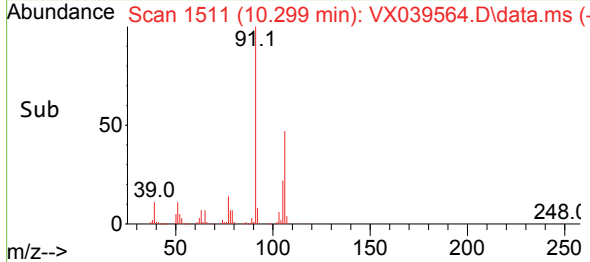
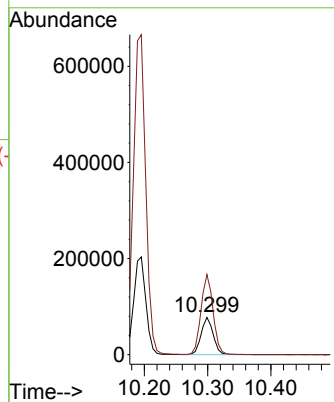
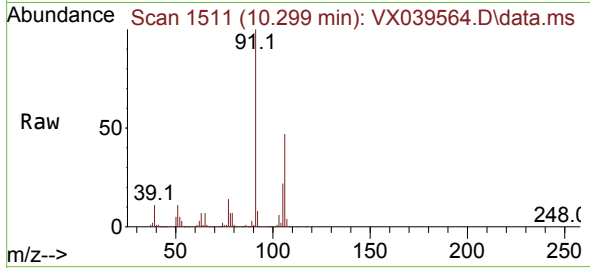




#68
m/p-Xylenes
Concen: 36.160 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

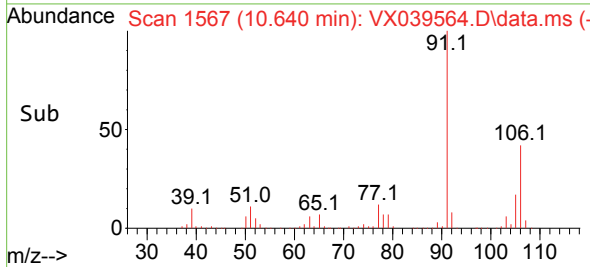
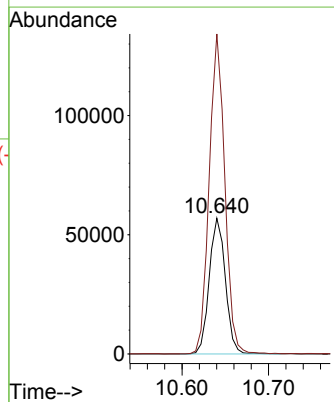
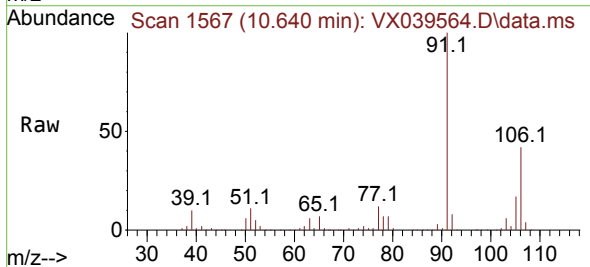
Instrument :
MSVOA_X
ClientSampleId :

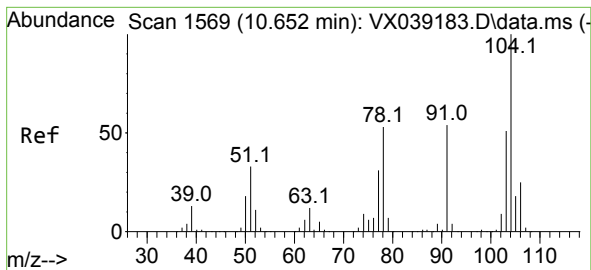
Tgt Ion:106 Resp: 103319
Ion Ratio Lower Upper
106 100
91 214.6 165.5 248.3



#69
o-Xylene
Concen: 26.718 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion:106 Resp: 73811
Ion Ratio Lower Upper
106 100
91 227.0 108.9 326.8





#70

Styrene

Concen: 1.179 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

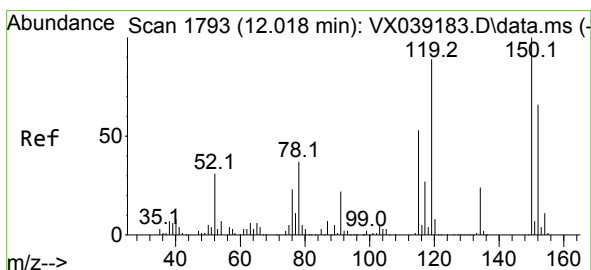
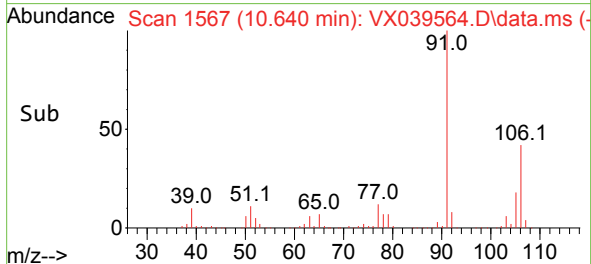
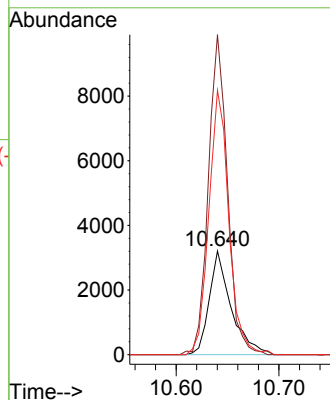
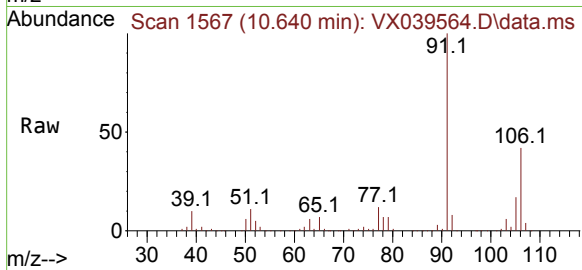
Tgt Ion:104 Resp: 4761

Ion Ratio Lower Upper

104 100

78 268.1 43.6 65.4#

103 232.5 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

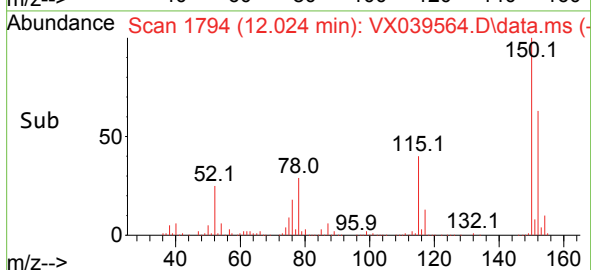
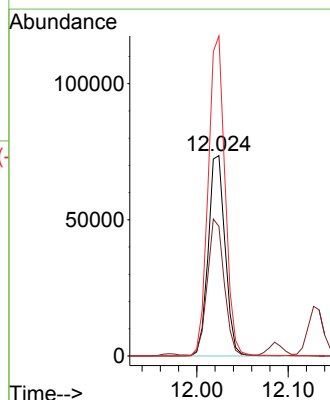
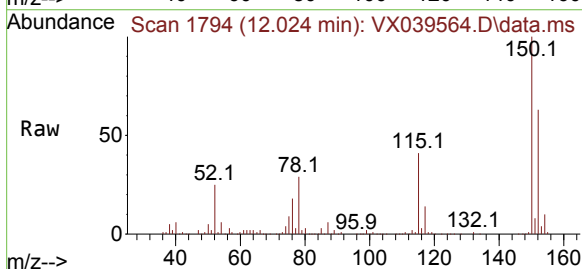
Tgt Ion:152 Resp: 94074

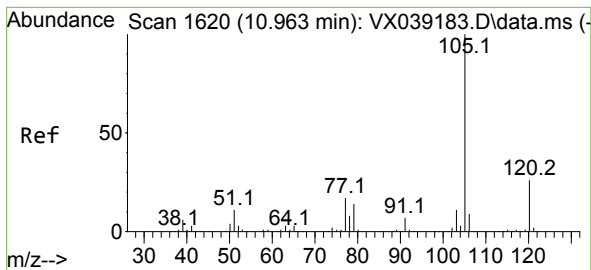
Ion Ratio Lower Upper

152 100

115 67.3 43.3 129.9

150 159.4 0.0 345.0





#73

Isopropylbenzene

Concen: 10.630 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

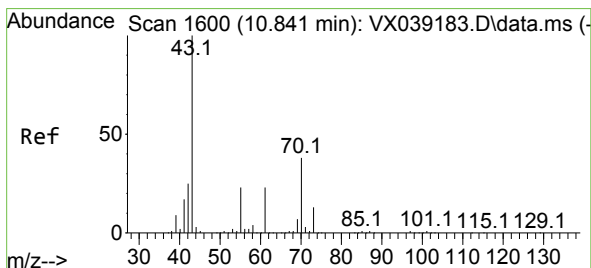
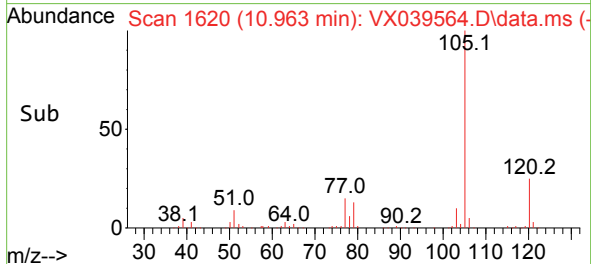
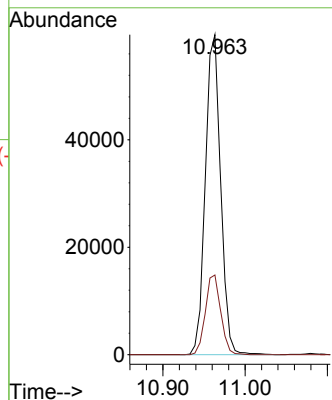
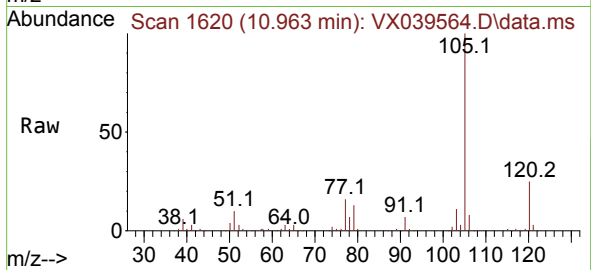
ClientSampleId :

Tgt Ion:105 Resp: 77153

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.207 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Tgt Ion: 43 Resp: 762

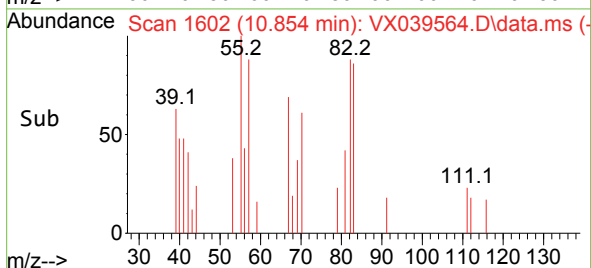
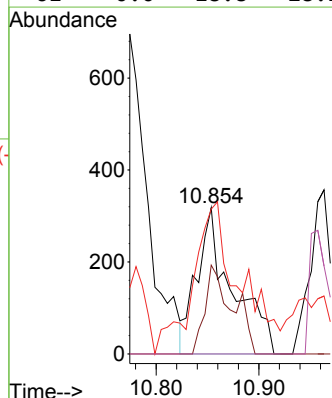
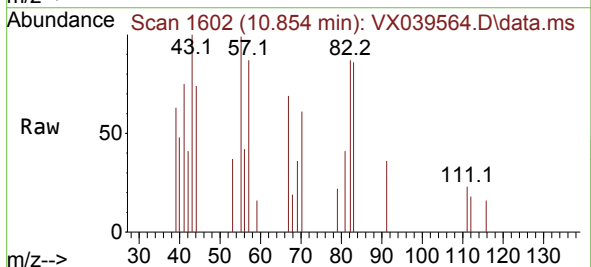
Ion Ratio Lower Upper

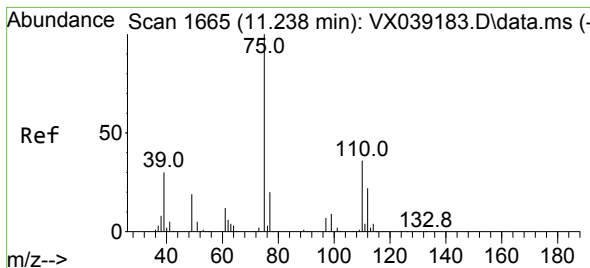
43 100

70 47.2 32.9 49.3

55 135.8 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.754 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

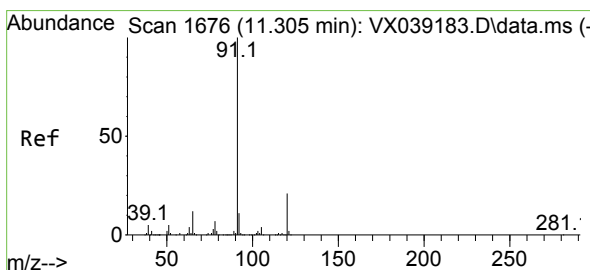
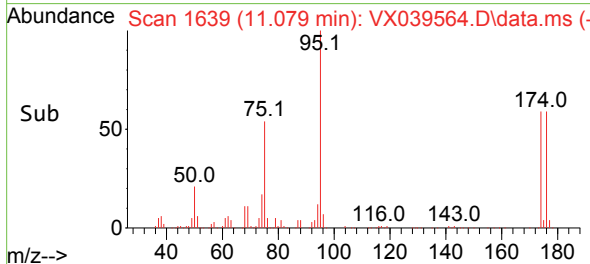
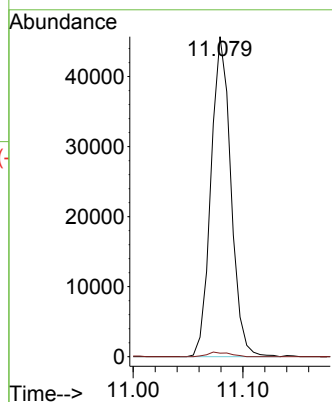
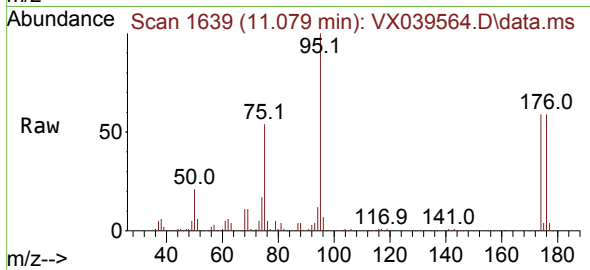
ClientSampleId :

Tgt Ion: 75 Resp: 57814

Ion Ratio Lower Upper

75 100

77 1.6 19.1 57.5#



#78

n-propylbenzene

Concen: 2.982 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039564.D

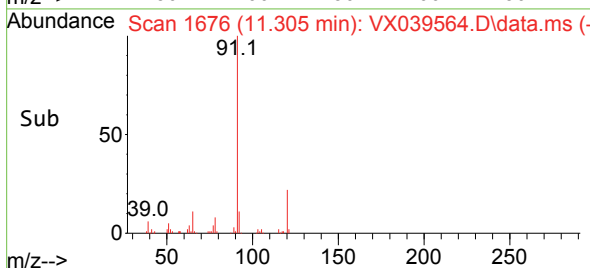
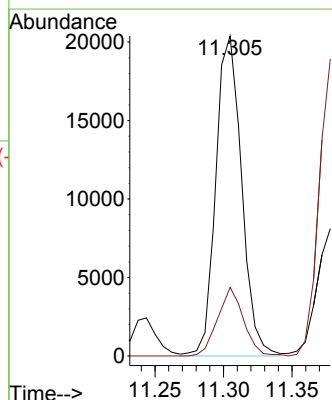
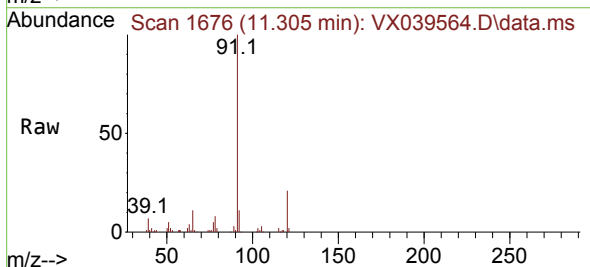
Acq: 02 Jan 2024 12:07

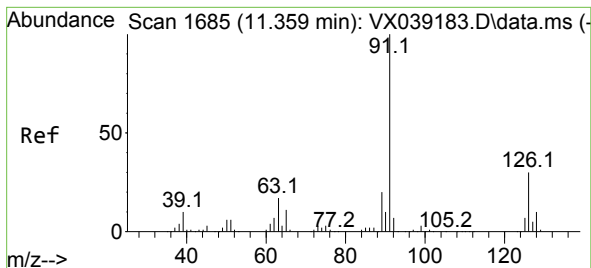
Tgt Ion: 91 Resp: 26666

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.444 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

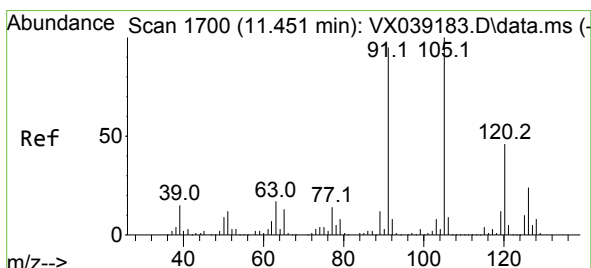
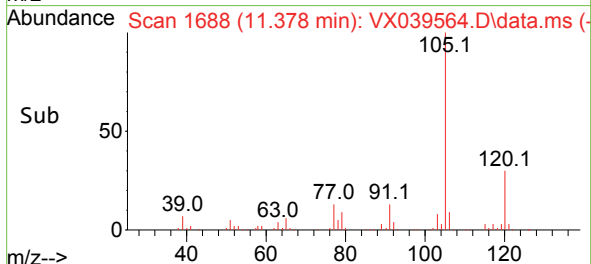
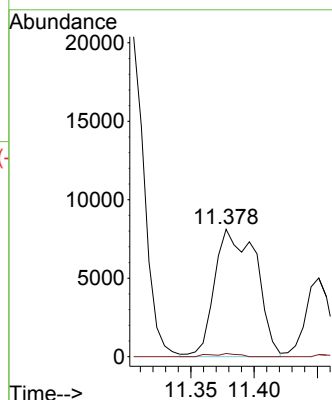
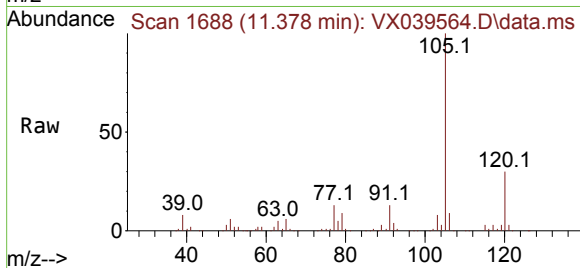
ClientSampleId :

Tgt Ion: 91 Resp: 18628

Ion Ratio Lower Upper

91 100

126 1.6 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 8.263 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039564.D

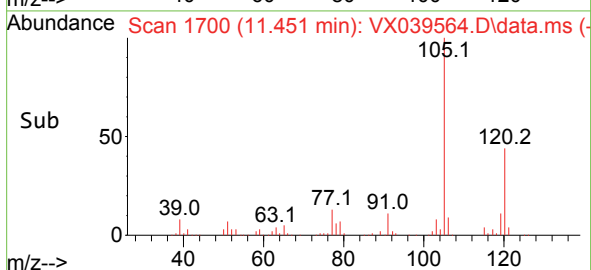
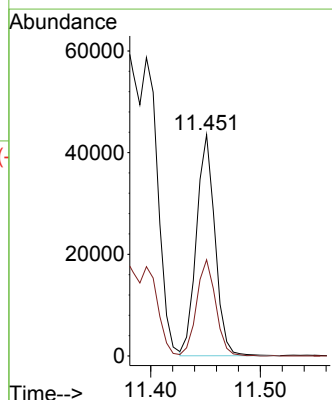
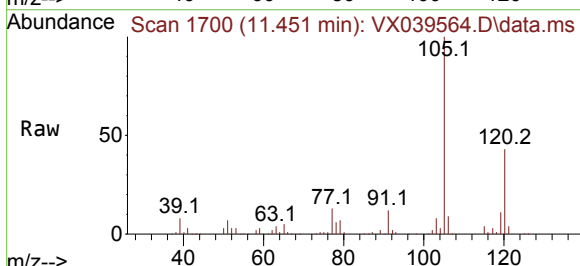
Acq: 02 Jan 2024 12:07

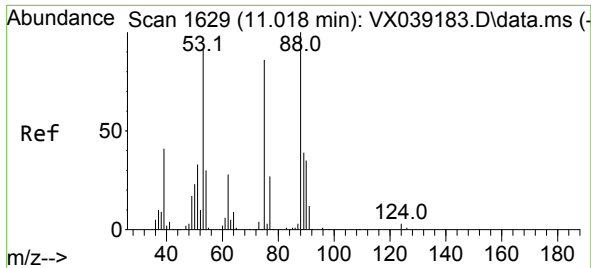
Tgt Ion:105 Resp: 51091

Ion Ratio Lower Upper

105 100

120 44.8 24.1 72.3

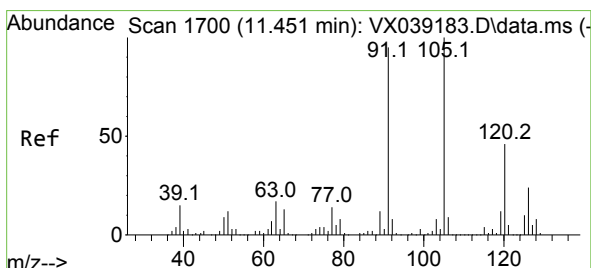
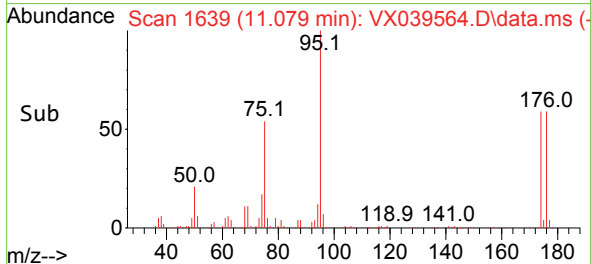
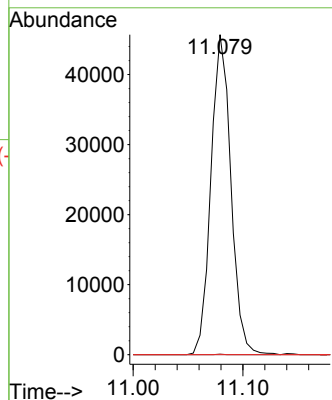
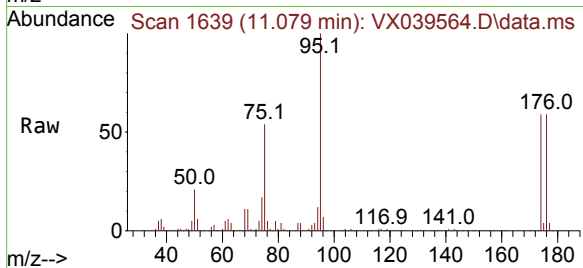




#81
trans-1,4-Dichloro-2-butene
Concen: 67.010 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

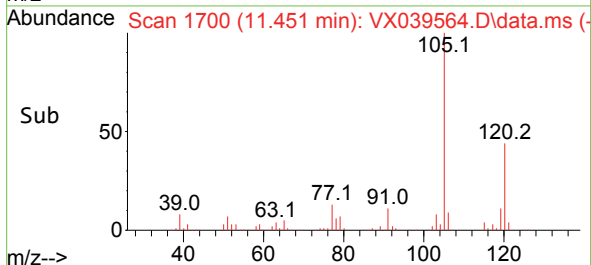
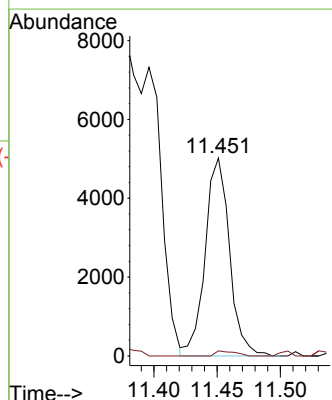
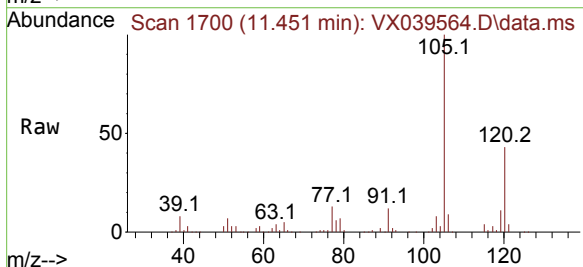
Instrument :
MSVOA_X
ClientSampleId :

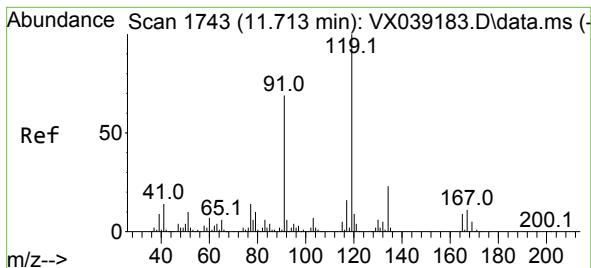
Tgt Ion: 75 Resp: 57814
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.059 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 91 Resp: 6731
Ion Ratio Lower Upper
91 100
126 2.1 14.2 42.6#





#83

tert-Butylbenzene

Concen: 5.050 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

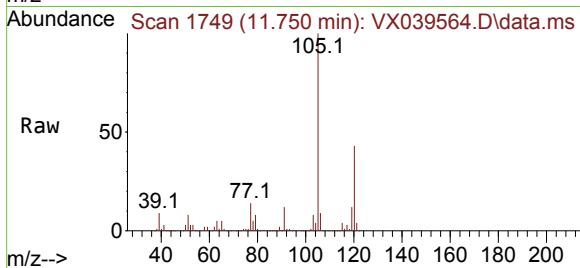
Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :



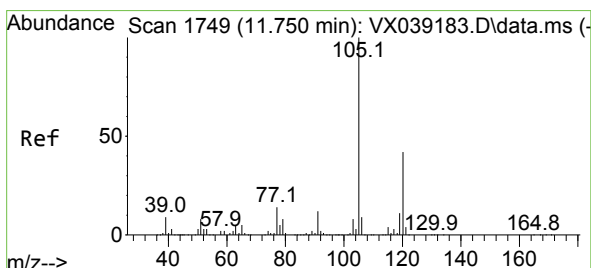
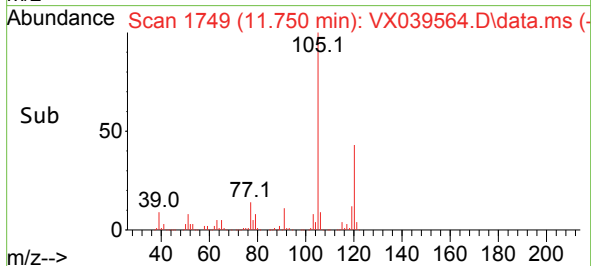
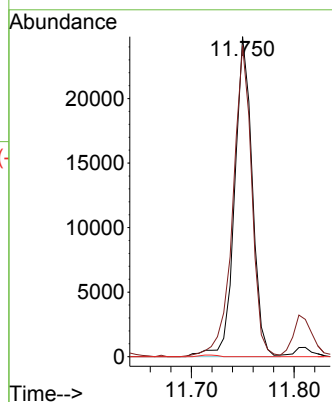
Tgt Ion:119 Resp: 29715

Ion Ratio Lower Upper

119 100

91 104.1 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 38.675 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039564.D

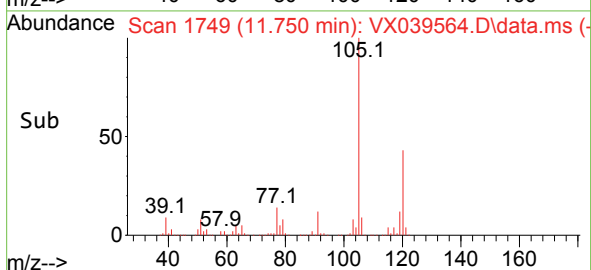
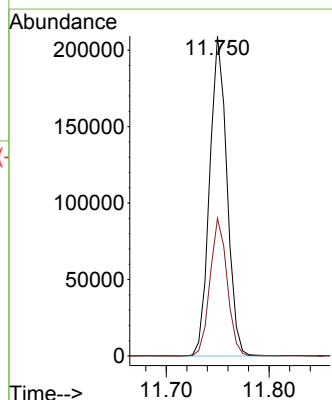
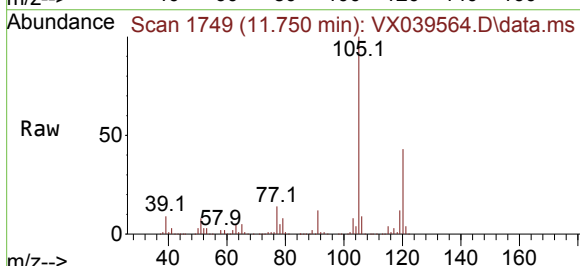
Acq: 02 Jan 2024 12:07

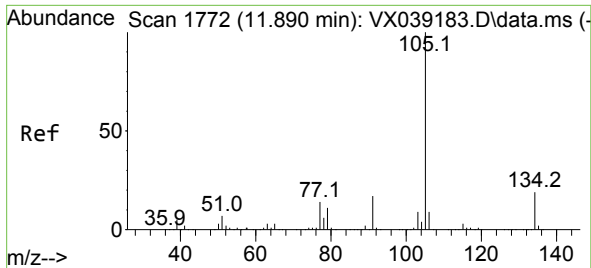
Tgt Ion:105 Resp: 245230

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6

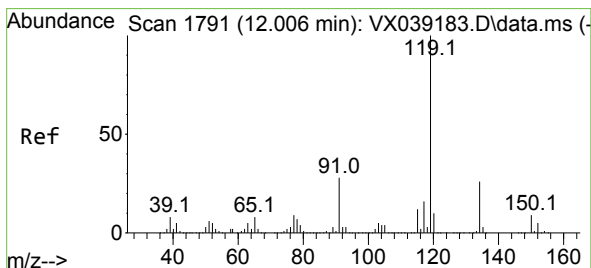
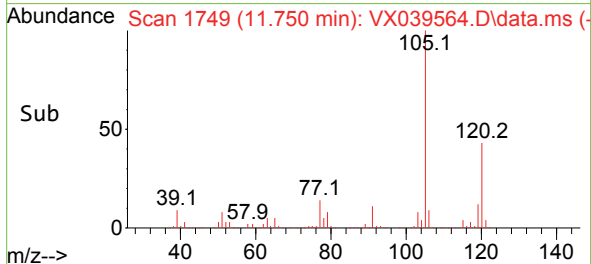
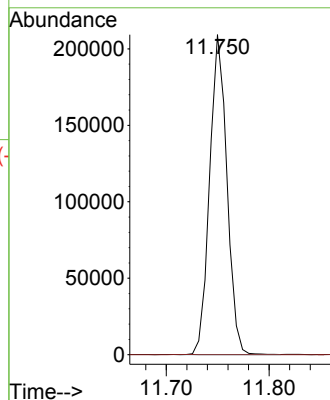
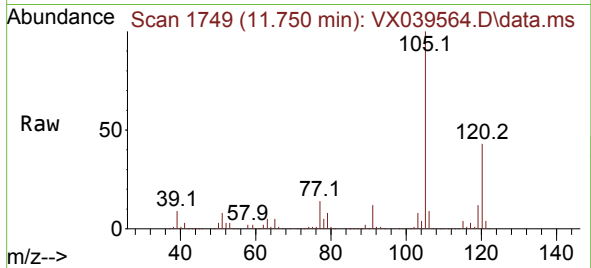




#85
 sec-Butylbenzene
 Concen: 32.749 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

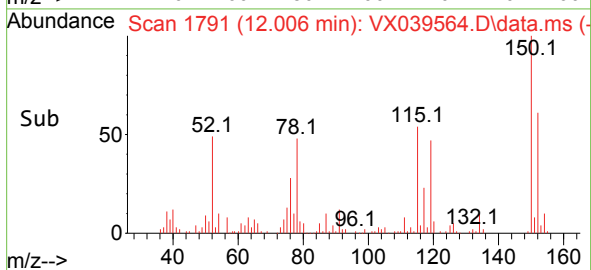
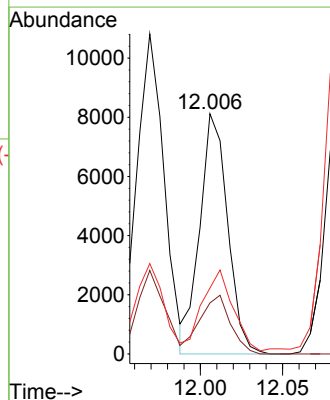
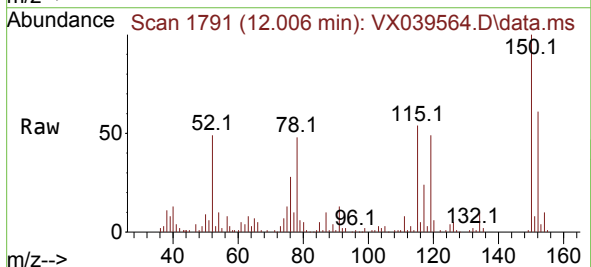
Instrument :
 MSVOA_X
 ClientSampleId :

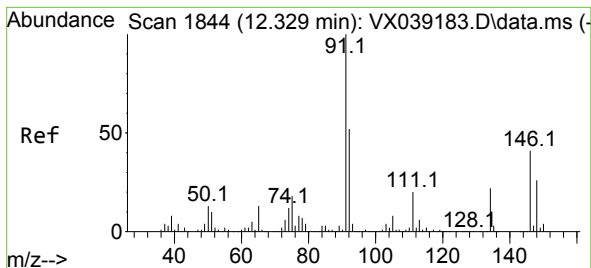
Tgt Ion:105 Resp: 245230
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 1.519 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

Tgt Ion:119 Resp: 9548
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 0.0 13.1 39.3#





#89

n-Butylbenzene

Concen: 1.575 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

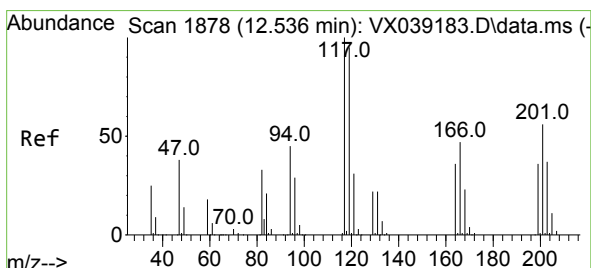
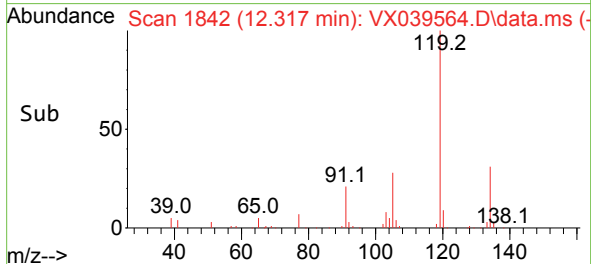
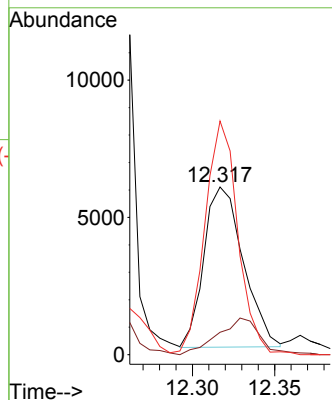
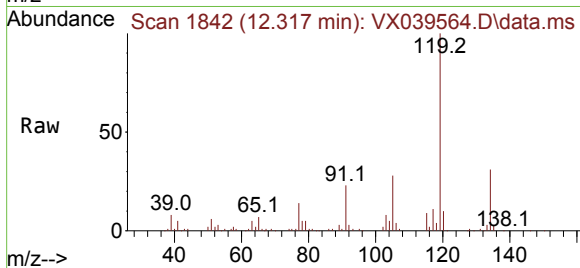
Tgt Ion: 91 Resp: 9729

Ion Ratio Lower Upper

91 100

92 24.5 27.4 82.0#

134 122.3 12.6 37.8#



#90

Hexachloroethane

Concen: 65.663 ug/l

RT: 12.695 min Scan# 1904

Delta R.T. 0.159 min

Lab File: VX039564.D

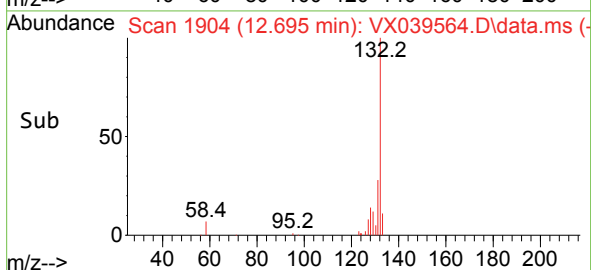
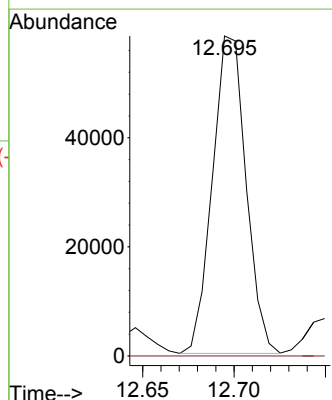
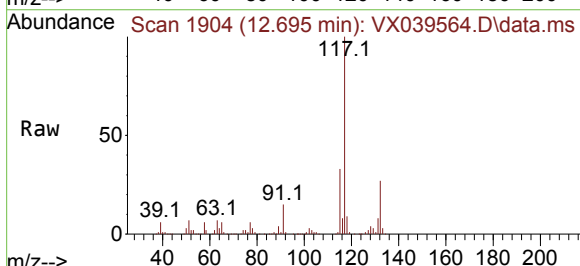
Acq: 02 Jan 2024 12:07

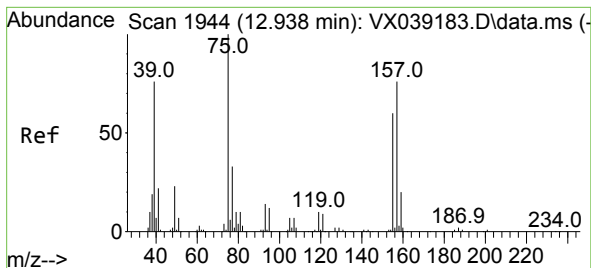
Tgt Ion: 117 Resp: 74539

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

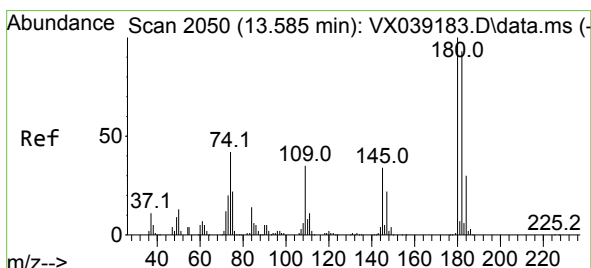
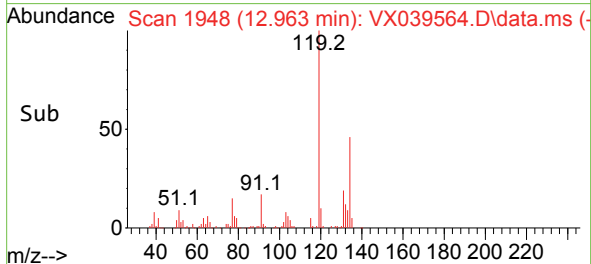
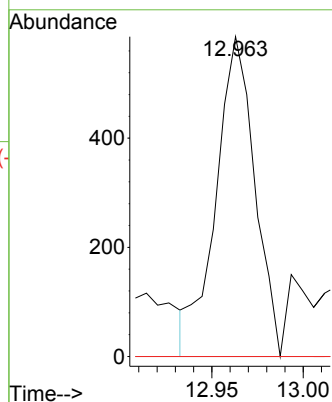
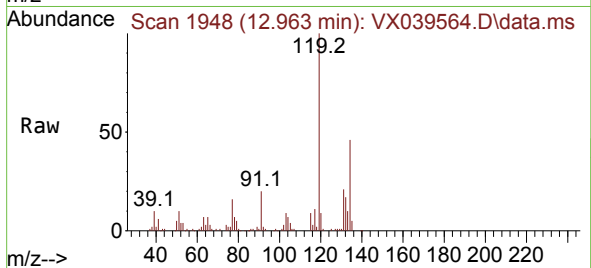




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.218 ug/l
RT: 12.963 min Scan# 1944
Delta R.T. 0.025 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

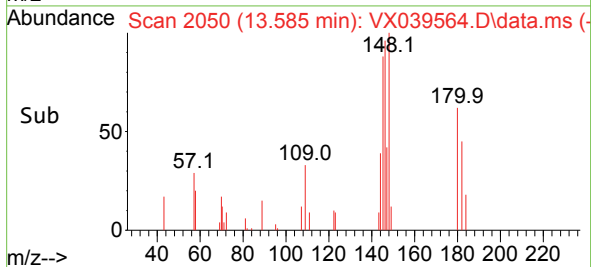
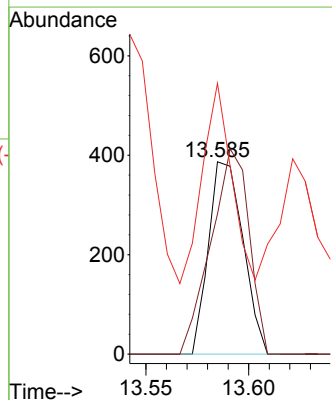
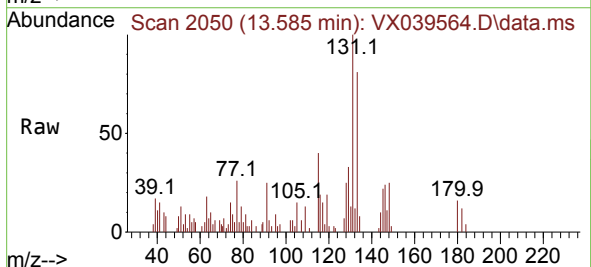
Instrument :
MSVOA_X
ClientSampleId :

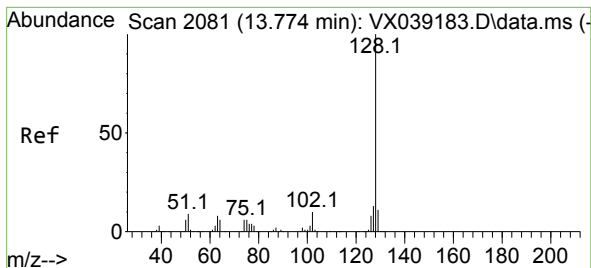
Tgt Ion: 75 Resp: 866
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.229 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion:180 Resp: 452
Ion Ratio Lower Upper
180 100
182 117.7 48.3 144.8
145 86.7 18.0 54.0#





#95

Naphthalene

Concen: 1522.923 ug/l

RT: 13.786 min Scan# 2081

Delta R.T. 0.012 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

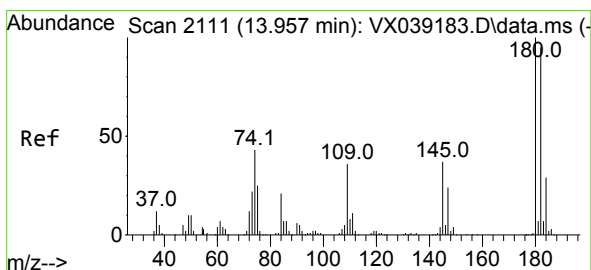
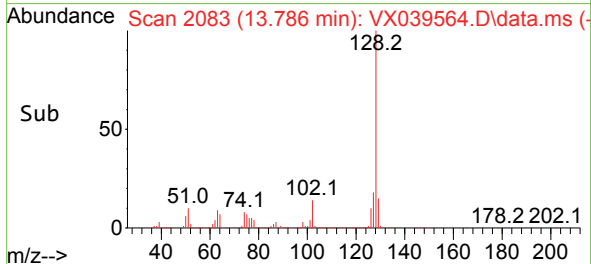
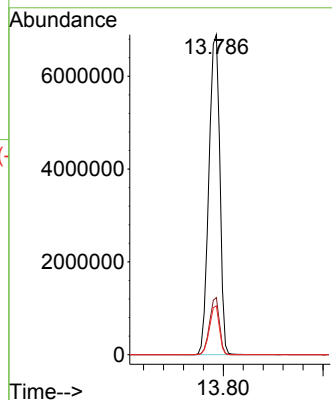
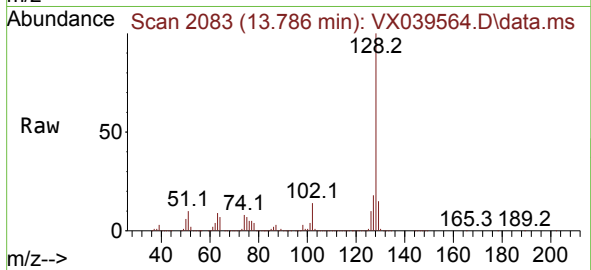
Tgt Ion:128 Resp:10477858

Ion Ratio Lower Upper

128 100

127 16.2 10.3 15.5#

129 13.8 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.270 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Tgt Ion:180 Resp: 515

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 128.9 17.8 53.5#

