

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039051.D
 Acq On : 29 Nov 2023 10:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 30 01:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	13422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	110716	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	137012	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	56002	30.499	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.667%	
60) 4-Bromofluorobenzene	11.079	95	88346	29.522	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.400%	
63) Toluene-d8	8.647	98	161520	29.817	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39579	19.701	ug/l	100
3) Chloromethane	1.295	50	45192	19.646	ug/l	98
4) Vinyl Chloride	1.374	62	44952	19.357	ug/l	98
5) Bromomethane	1.605	94	31036	21.851	ug/l	98
6) Chloroethane	1.691	64	27356	20.229	ug/l	97
7) Trichlorofluoromethane	1.892	101	65043	20.294	ug/l	95
8) Diethyl Ether	2.130	74	25104	20.405	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	38733	21.385	ug/l	97
10) 1,1-Dichloroethene	2.319	96	38223	20.936	ug/l	94
11) Methyl Iodide	2.453	142	41395	20.691	ug/l	97
12) Methyl Acetate	2.697	43	114501	20.109	ug/l	100
13) Acrolein	2.233	56	49413	99.059	ug/l	99
14) Acrylonitrile	3.056	53	143236	102.850	ug/l	99
15) Acetone	2.374	58	60077	118.676	ug/l	97
16) Carbon Disulfide	2.514	76	107985	19.529	ug/l	97
17) Allyl chloride	2.660	41	72889	20.111	ug/l	95
18) Methylene Chloride	2.788	84	43709	20.197	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	41830	20.258	ug/l	96
20) Diisopropyl ether	3.751	45	143676	20.831	ug/l #	98
21) 1,1-Dichloroethane	3.605	63	78526	20.477	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	48173	20.131	ug/l	100
23) tert-Butyl Alcohol	2.941	59	69628	90.311	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	138398	20.578	ug/l	100
25) Chloroform	5.087	83	79707	20.710	ug/l	93
26) Cyclohexane	5.465	56	70351	20.269	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	59471	19.161	ug/l	99
30) 2-Butanone	4.544	43	235535	100.796	ug/l	100
31) 2,2-Dichloropropane	4.471	77	69462	19.574	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	69533	19.383	ug/l	98
33) Carbon Tetrachloride	5.672	117	57797	19.127	ug/l	96
34) Benzene	6.031	78	177339	19.615	ug/l	99
35) Methacrylonitrile	4.910	41	40939	19.778	ug/l	95
36) 1,2-Dichloroethane	6.080	62	60902	18.358	ug/l	99
37) Trichloroethene	7.123	130	44581	19.428	ug/l	100
38) Methylcyclohexane	7.379	83	74682	19.312	ug/l	99
39) 1,2-Dichloropropane	7.421	63	47379	19.870	ug/l	96
40) Dibromomethane	7.574	93	31893	18.931	ug/l	98
41) Bromodichloromethane	7.818	83	62657	19.359	ug/l	97
42) Vinyl Acetate	3.715	43	551272	99.048	ug/l	100

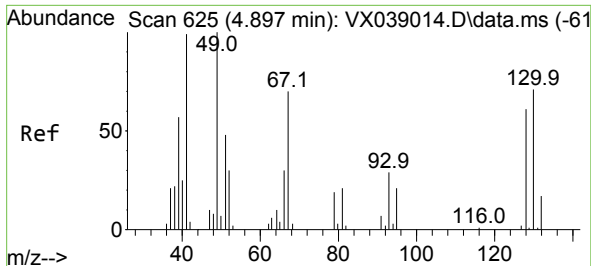
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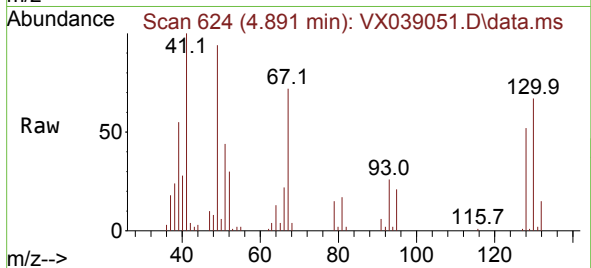
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	75986	18.901	ug/l	99
44) Isopropyl Acetate	6.330	43	121113	19.111	ug/l	99
45) 1,4-Dioxane	7.653	88	23710	366.480	ug/l	96
46) Methyl methacrylate	7.690	41	69138	19.081	ug/l	96
47) n-amyl Acetate	10.842	43	101106	18.849	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	70490	18.783	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	75348	19.462	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	44944	19.638	ug/l	95
51) Ethyl methacrylate	9.110	69	55156	19.253	ug/l	98
52) 1,3-Dichloropropane	9.305	76	76407	19.470	ug/l	100
53) Dibromochloromethane	9.519	129	46649	18.980	ug/l	97
54) 1,2-Dibromoethane	9.610	107	47935	19.099	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	165612	91.204	ug/l	100
56) Bromoform	10.799	173	32546	18.347	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	410250	98.740	ug/l	100
59) 2-Hexanone	9.427	43	338208	99.167	ug/l	99
61) Tetrachloroethene	9.269	164	35329	19.832	ug/l	97
62) Toluene	8.714	91	193016	19.842	ug/l	99
64) Chlorobenzene	10.073	112	116544	19.697	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	42259	19.831	ug/l	97
66) Ethyl Benzene	10.189	91	216723	19.566	ug/l	98
67) m/p-Xylenes	10.299	106	161138	39.369	ug/l	99
68) o-Xylene	10.640	106	77464	19.538	ug/l	100
69) Styrene	10.653	104	113876	19.407	ug/l	99
70) Isopropylbenzene	10.957	105	207221	19.535	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	76960	19.434	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	88127	26.299	ug/l	91
73) Bromobenzene	11.195	156	47048	19.481	ug/l	97
74) n-propylbenzene	11.305	91	255635	19.669	ug/l	99
75) 2-Chlorotoluene	11.360	91	146270	19.183	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	177244	19.395	ug/l	100
77) t-1,4-Dichloro-2-butene	11.012	75	24685	18.591	ug/l	100
78) 4-Chlorotoluene	11.451	91	173591	19.364	ug/l	99
79) tert-butylbenzene	11.713	119	170213	19.588	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	177221	19.377	ug/l	100
81) sec-Butylbenzene	11.890	105	213090	19.398	ug/l	99
82) p-Isopropyltoluene	12.006	119	180719	19.411	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	88635	19.177	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	90027	18.983	ug/l	99
85) n-Butylbenzene	12.329	91	177063	19.258	ug/l	99
86) Hexachloroethane	12.536	117	32935	18.670	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	85421	19.220	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	18796	18.559	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	56454	19.158	ug/l	99
90) Hexachlorobutadiene	13.725	225	20602	19.581	ug/l	96
91) Naphthalene	13.774	128	199883	18.393	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	55625	19.489	ug/l	97

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

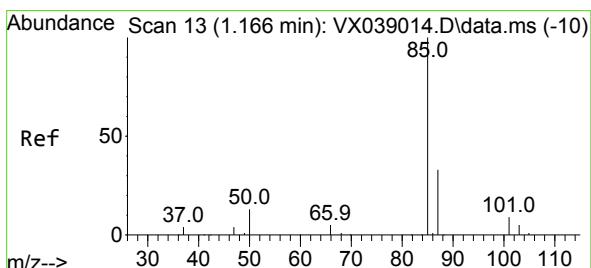
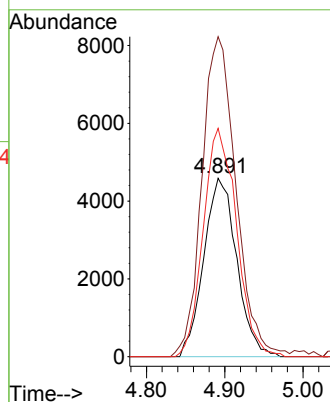
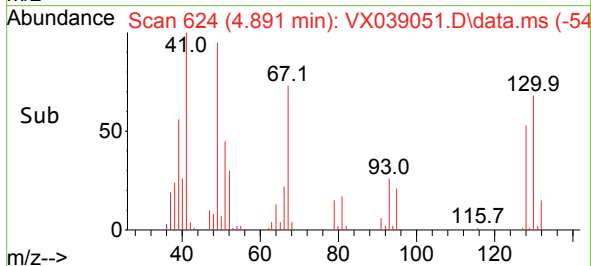


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

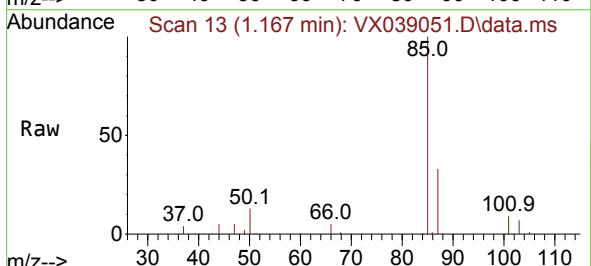
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MSVOA_X
ClientSampleId :



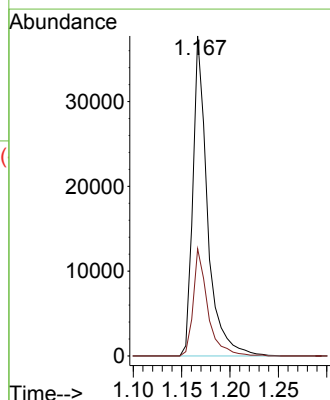
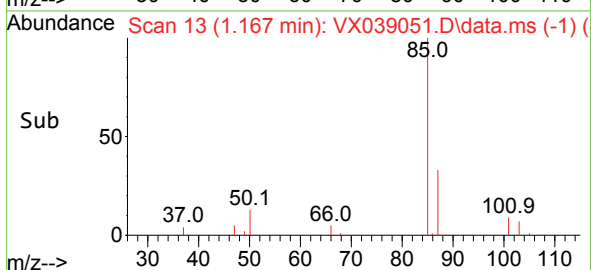
Tgt Ion:128 Resp: 13422
Ion Ratio Lower Upper
128 100
49 184.9 0.0 444.0
130 129.3 0.0 297.8

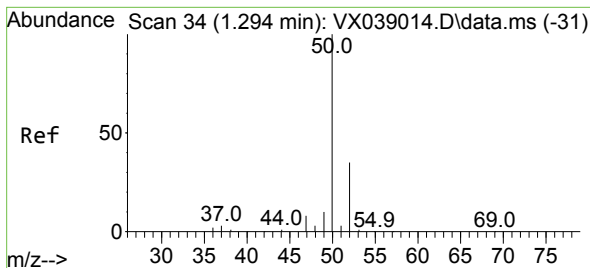


#2
Dichlorodifluoromethane
Concen: 19.701 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23



Tgt Ion: 85 Resp: 39579
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1





#3

Chloromethane

Concen: 19.646 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

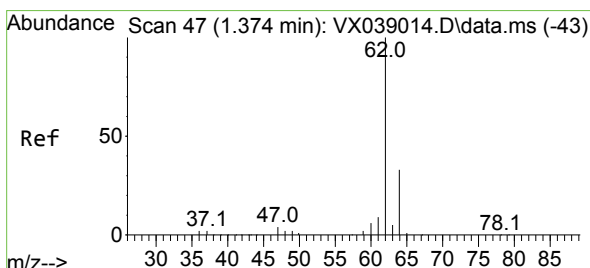
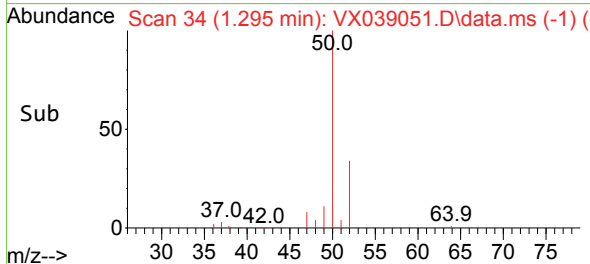
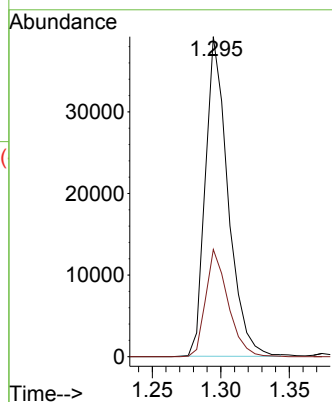
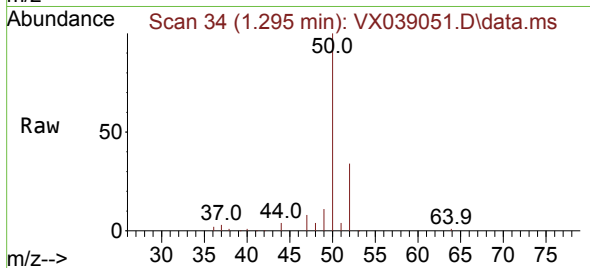
ClientSampleId :

Tgt Ion: 50 Resp: 45192

Ion Ratio Lower Upper

50 100

52 33.6 27.8 41.8



#4

Vinyl Chloride

Concen: 19.357 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039051.D

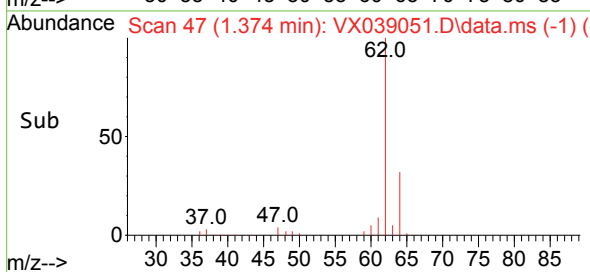
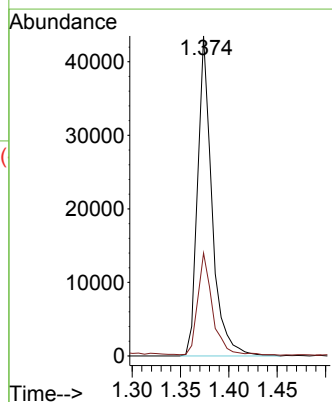
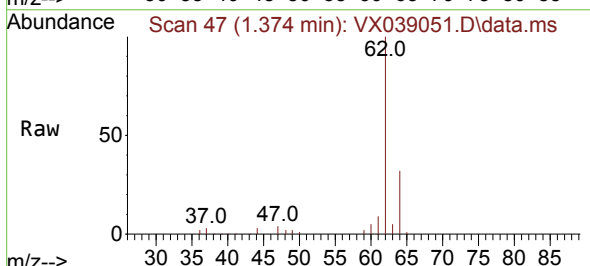
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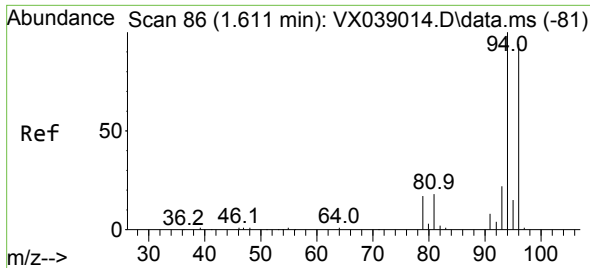
Tgt Ion: 62 Resp: 44952

Ion Ratio Lower Upper

62 100

64 31.9 26.3 39.5

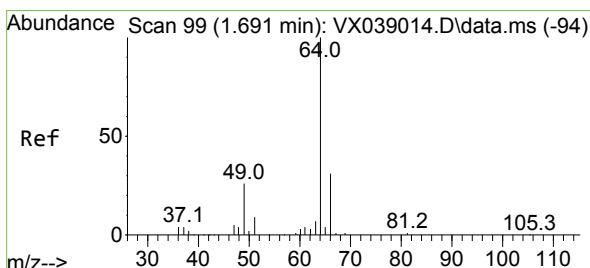
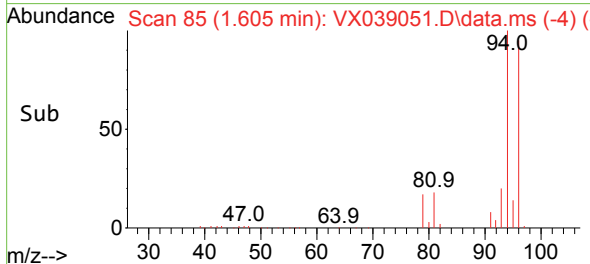
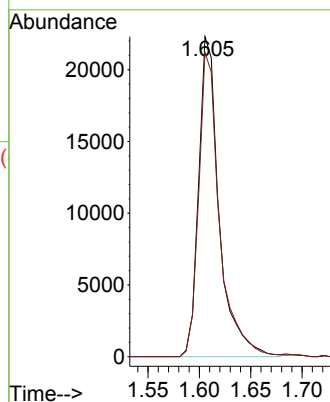
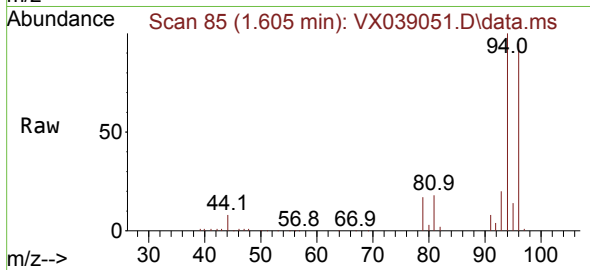




#5
Bromomethane
Concen: 21.851 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

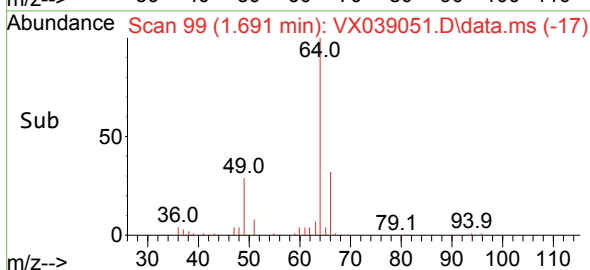
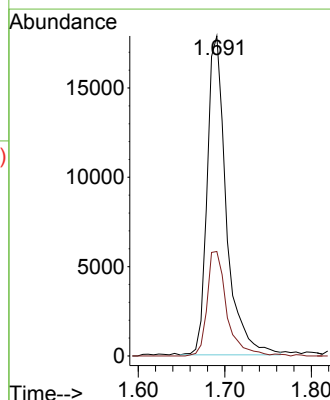
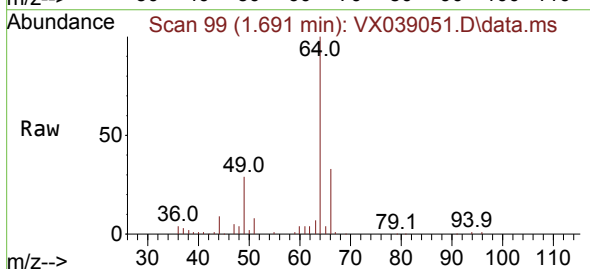
Instrument :
MSVOA_X
ClientSampleId :

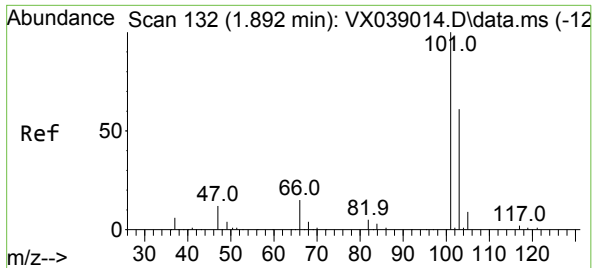
Tgt Ion: 94 Resp: 31036
Ion Ratio Lower Upper
94 100
96 95.1 74.9 112.3



#6
Chloroethane
Concen: 20.229 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 64 Resp: 27356
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.6

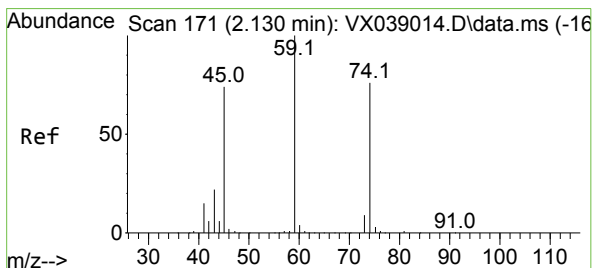
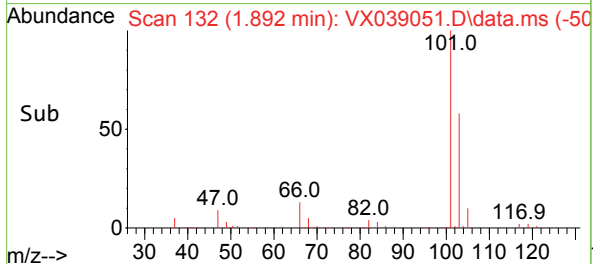
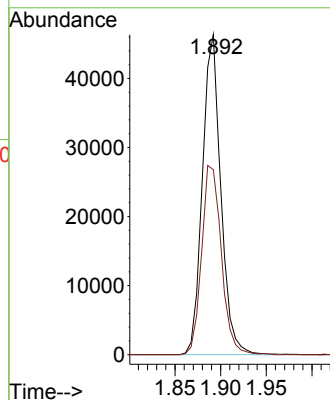
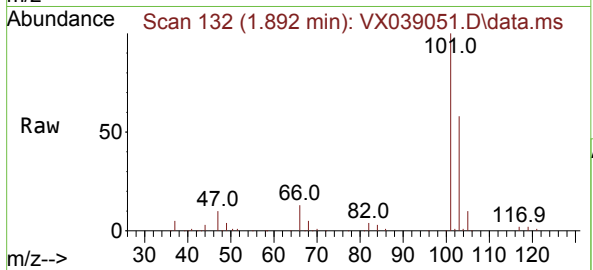




#7
 Trichlorofluoromethane
 Concen: 20.294 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

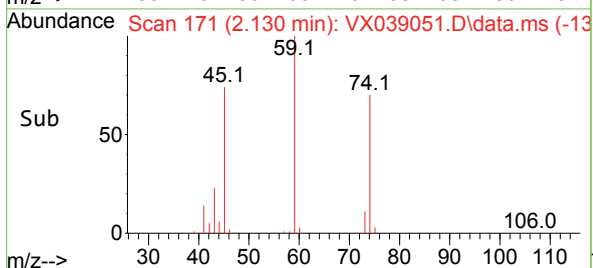
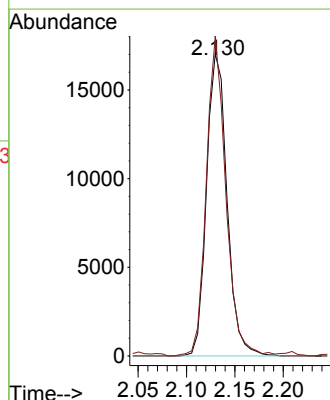
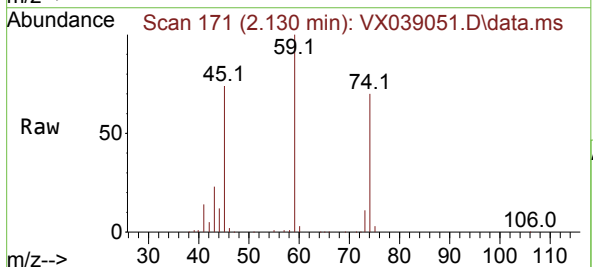
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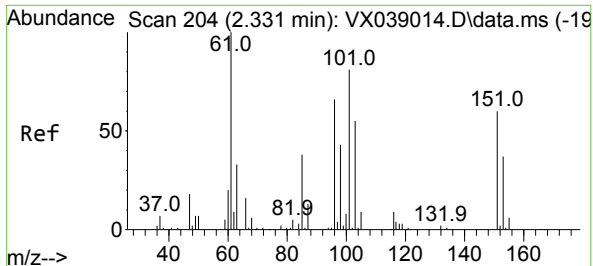
Tgt Ion:101 Resp: 65043
 Ion Ratio Lower Upper
 101 100
 103 57.9 49.1 73.7



#8
 Diethyl Ether
 Concen: 20.405 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Tgt Ion: 74 Resp: 25104
 Ion Ratio Lower Upper
 74 100
 45 100.8 20.5 184.5

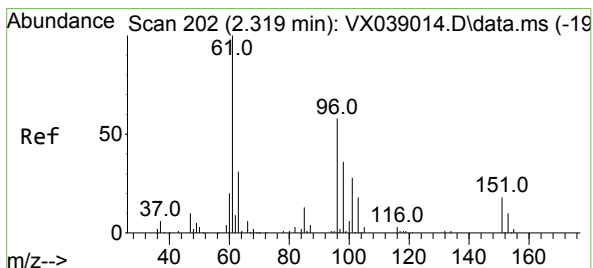
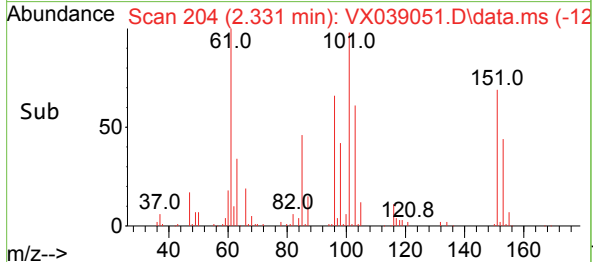
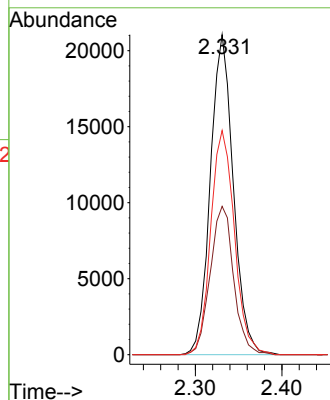
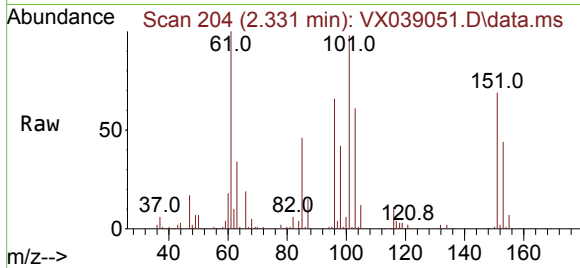




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.385 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

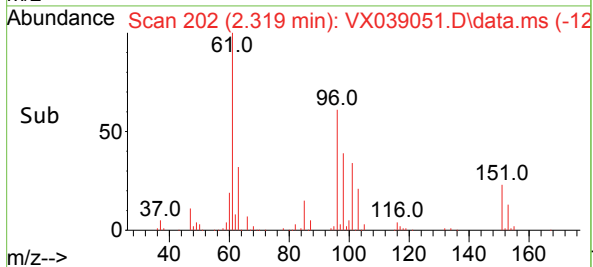
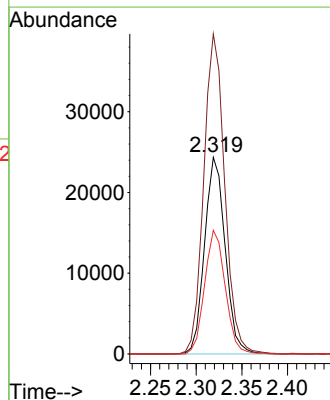
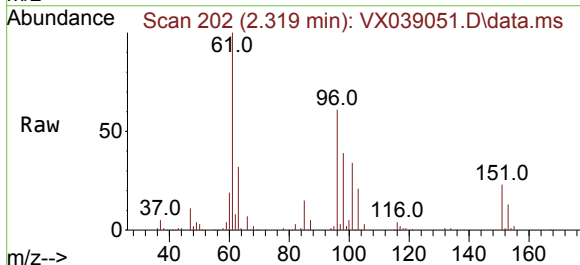
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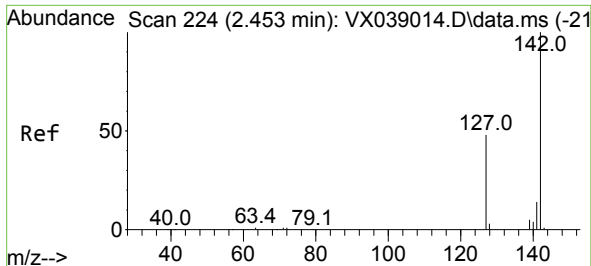
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 Ion Ratio Lower Upper
 101 100
 85 47.5 0.0 95.2
 151 72.4 0.0 136.8



#10
 1,1-Dichloroethene
 Concen: 20.936 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

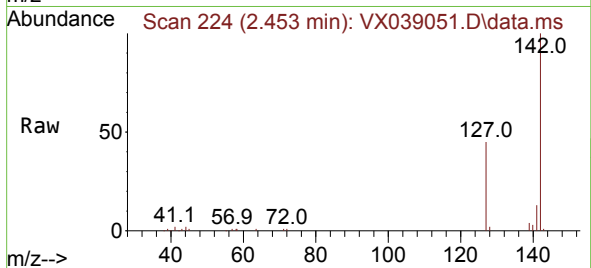
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 Ion Ratio Lower Upper
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 98 62.9 49.8 74.6



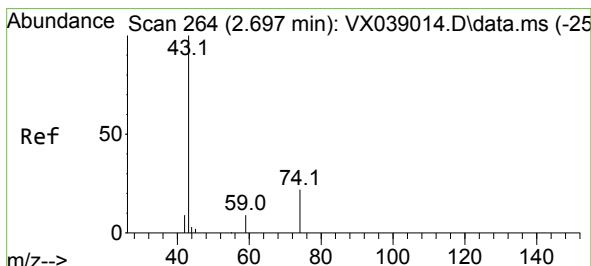
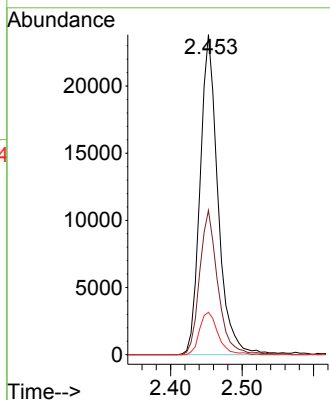
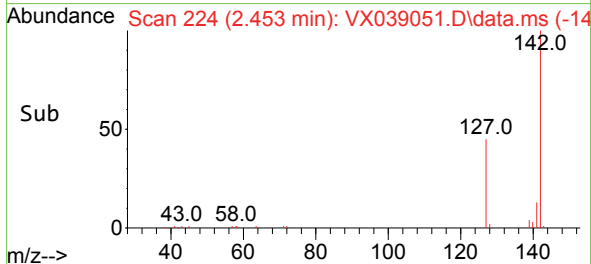


#11
Methyl Iodide
Concen: 20.691 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :

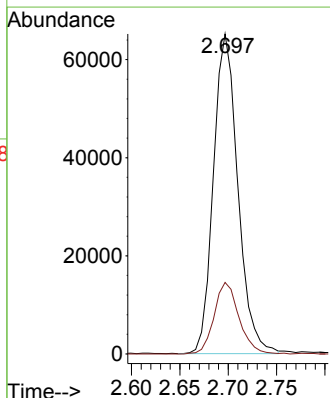
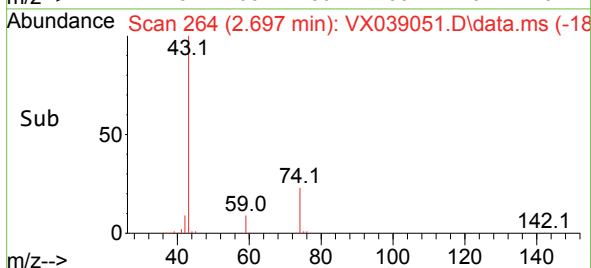
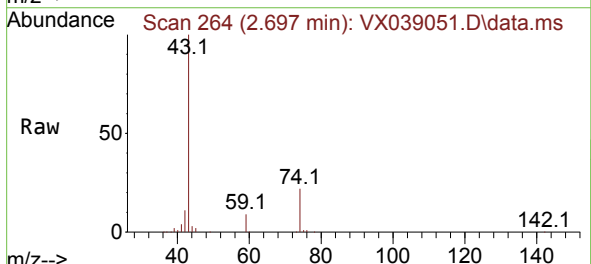


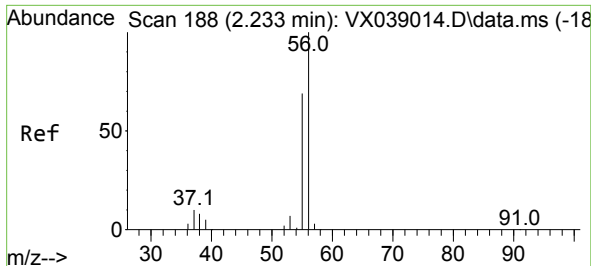
Tgt Ion:142 Resp: 41395
Ion Ratio Lower Upper
142 100
127 45.0 23.8 71.4
141 13.3 6.9 20.6



#12
Methyl Acetate
Concen: 20.109 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

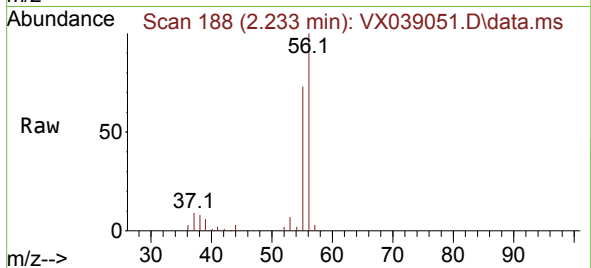
Tgt Ion: 43 Resp: 114501
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6



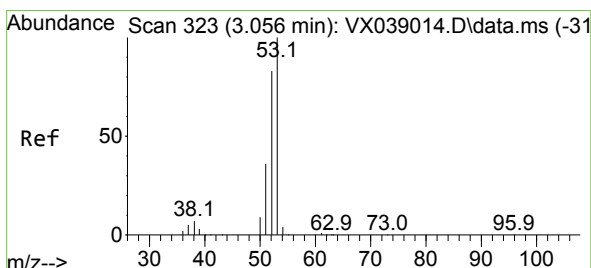
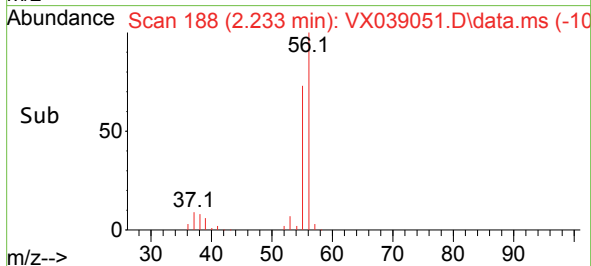
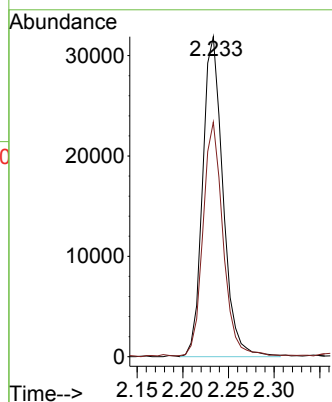


#13
Acrolein
Concen: 99.059 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :

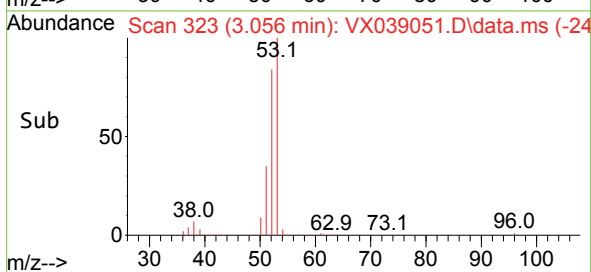
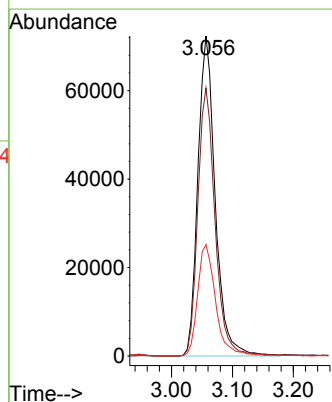
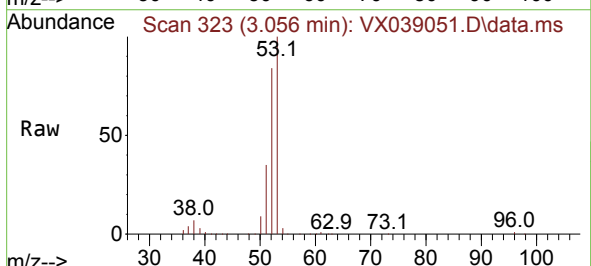


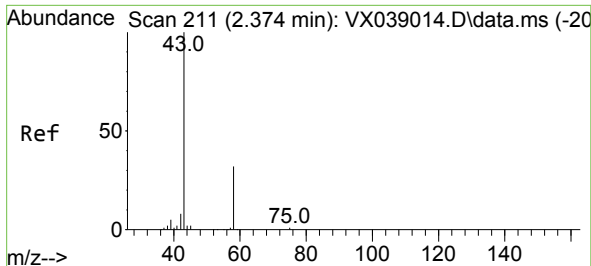
Tgt Ion: 56 Resp: 49413
Ion Ratio Lower Upper
56 100
55 72.3 57.2 85.8



#14
Acrylonitrile
Concen: 102.850 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 53 Resp: 143236
Ion Ratio Lower Upper
53 100
52 83.1 41.9 125.6
51 36.1 18.3 54.9

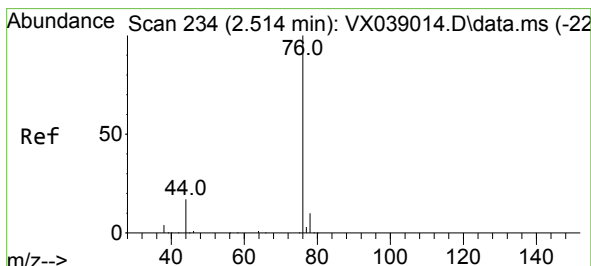
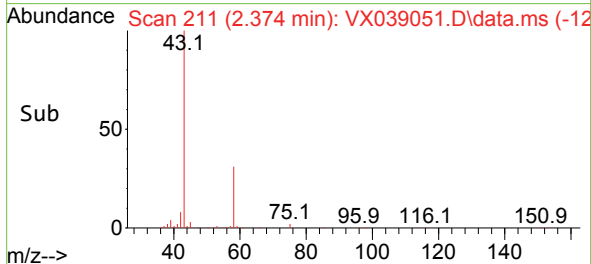
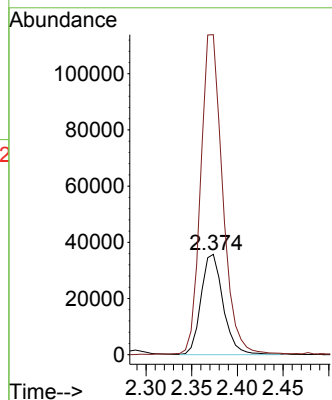
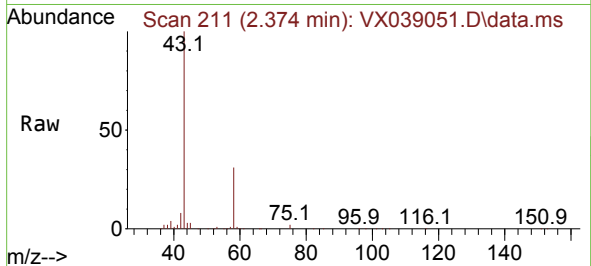




#15
Acetone
Concen: 118.676 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

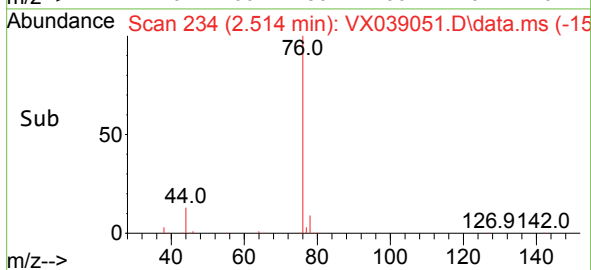
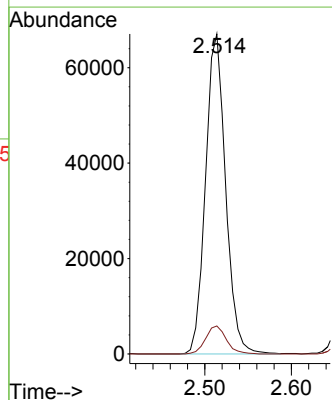
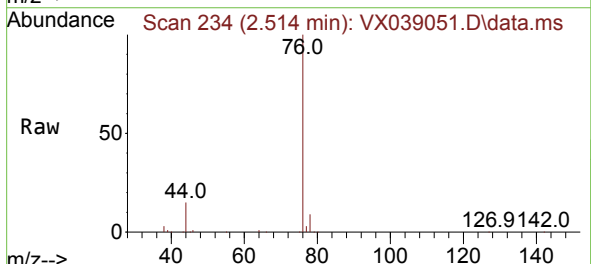
Instrument :
MSVOA_X
ClientSampleId :

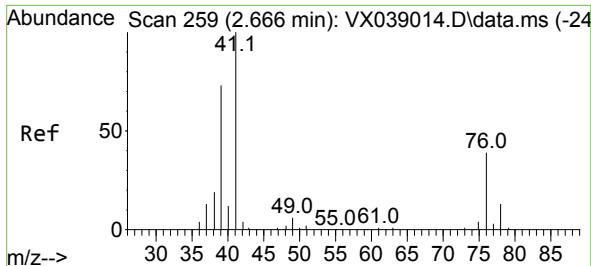
Tgt Ion: 58 Resp: 60077
Ion Ratio Lower Upper
58 100
43 318.7 249.9 374.9



#16
Carbon Disulfide
Concen: 19.529 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 76 Resp: 107985
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0

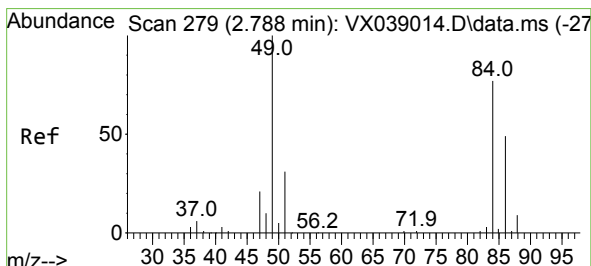
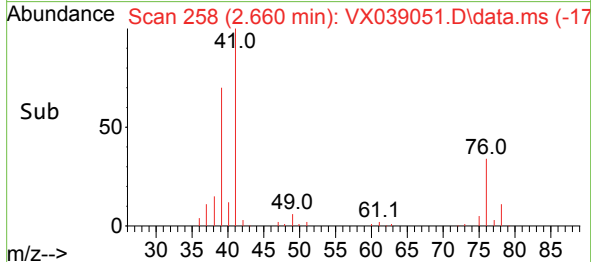
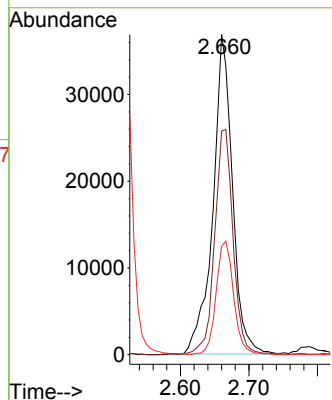
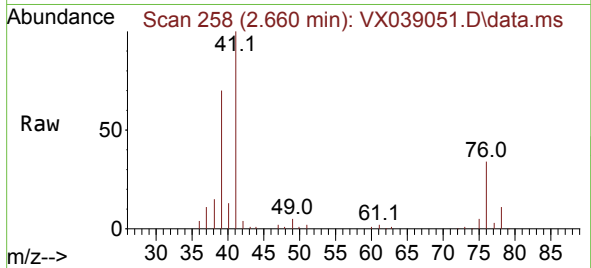




#17
 Allyl chloride
 Concen: 20.111 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

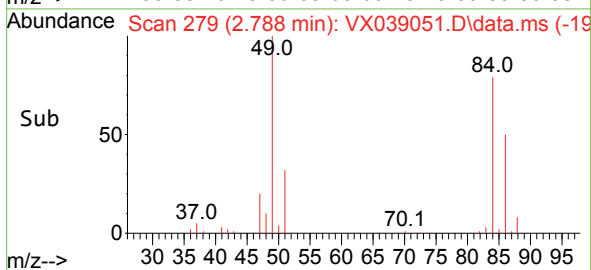
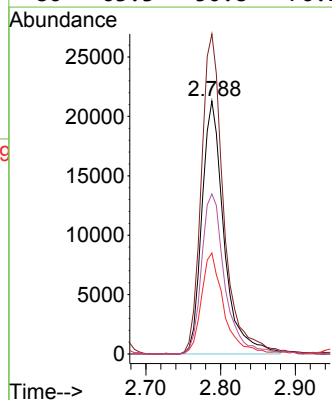
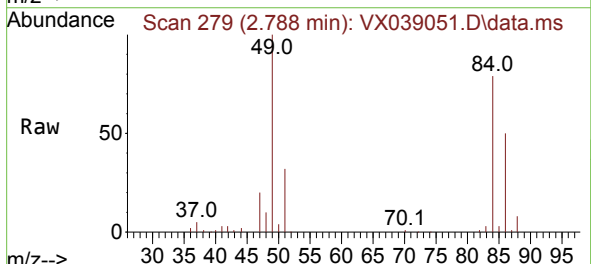
Instrument :
 MSVOA_X
 ClientSampleId :

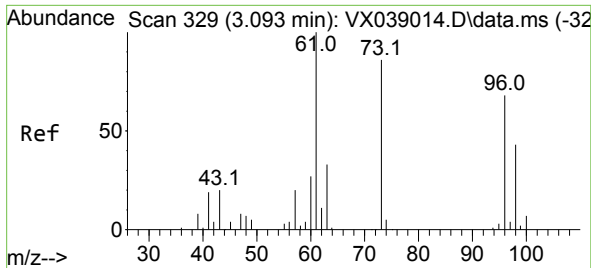
Tgt Ion: 41 Resp: 72889
 Ion Ratio Lower Upper
 41 100
 39 69.9 36.5 109.5
 76 33.9 19.7 59.0



#18
 Methylene Chloride
 Concen: 20.197 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Tgt Ion: 84 Resp: 43709
 Ion Ratio Lower Upper
 84 100
 49 126.5 103.8 155.8
 51 40.0 31.8 47.6
 86 63.3 50.8 76.2

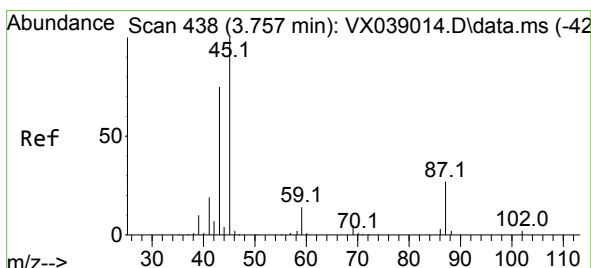
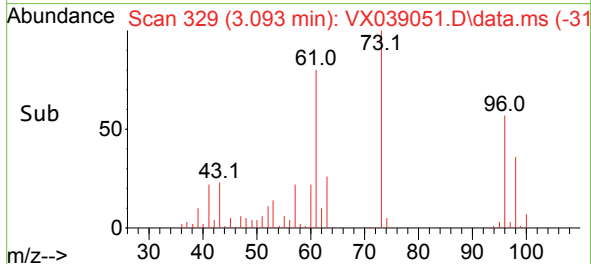
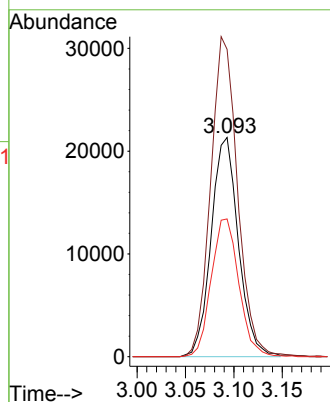
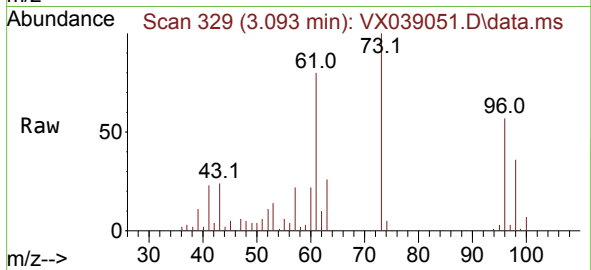




#19
trans-1,2-Dichloroethene
Concen: 20.258 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

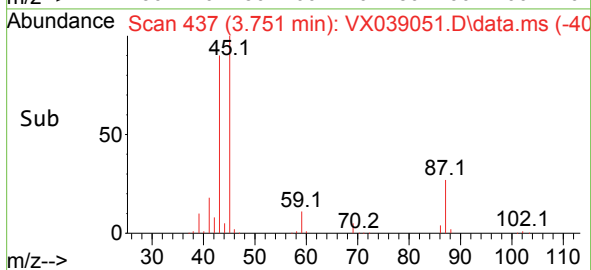
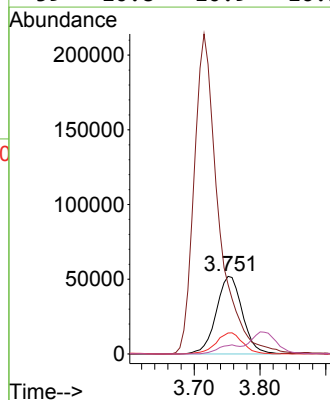
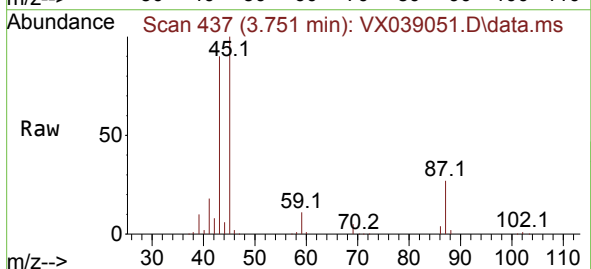
Instrument :
MSVOA_X
ClientSampleId :

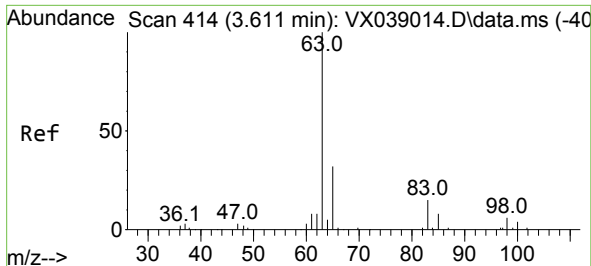
Tgt Ion: 96 Resp: 41830
Ion Ratio Lower Upper
96 100
61 140.2 117.9 176.9
98 62.8 51.0 76.6



#20
Diisopropyl ether
Concen: 20.831 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 45 Resp: 143676
Ion Ratio Lower Upper
45 100
43 85.9 67.7 101.5
87 27.0 21.5 32.3
59 10.8 10.9 16.3#

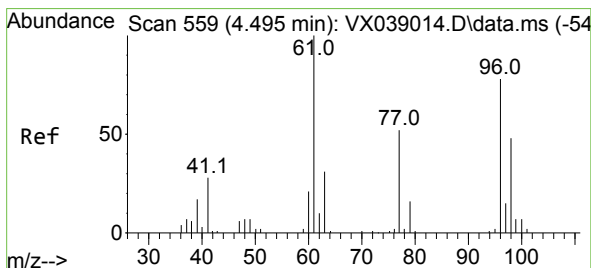
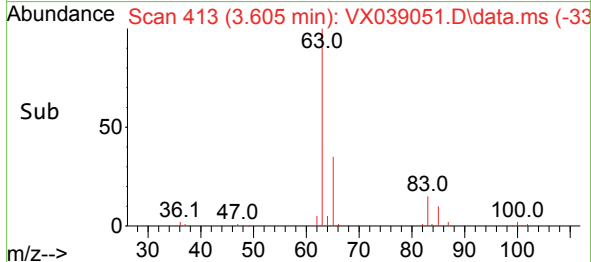
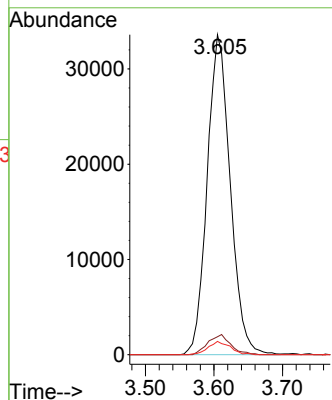
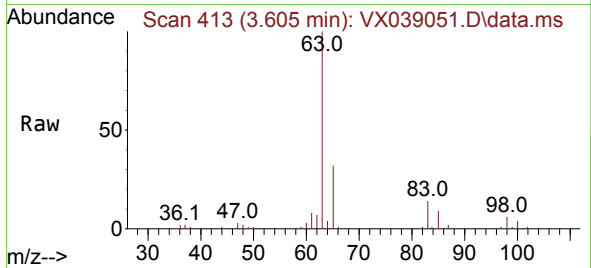




#21
1,1-Dichloroethane
Concen: 20.477 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

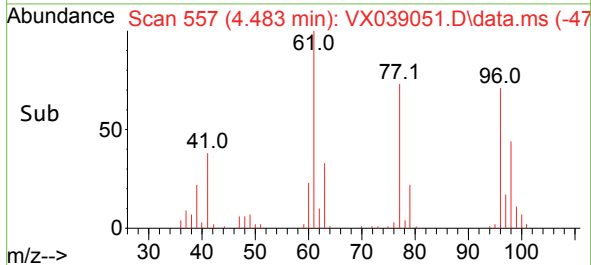
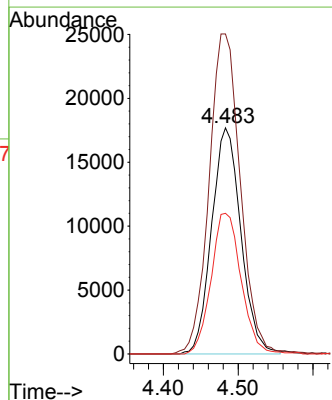
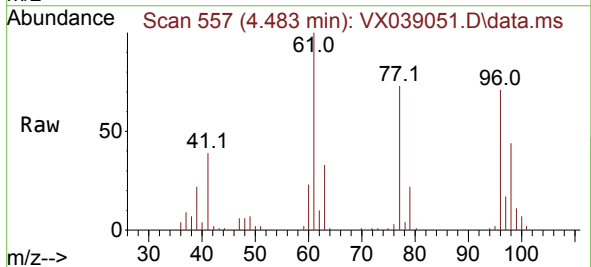
Instrument :
MSVOA_X
ClientSampleId :

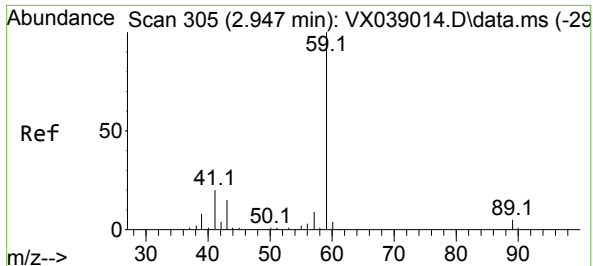
Tgt Ion: 63 Resp: 78526
Ion Ratio Lower Upper
63 100
98 5.6 2.9 8.8
100 4.2 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 20.131 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 96 Resp: 48173
Ion Ratio Lower Upper
96 100
61 150.2 119.8 179.6
98 63.6 50.9 76.3

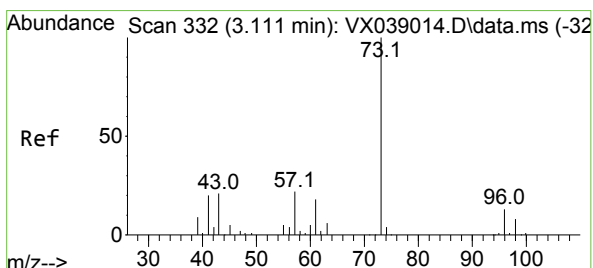
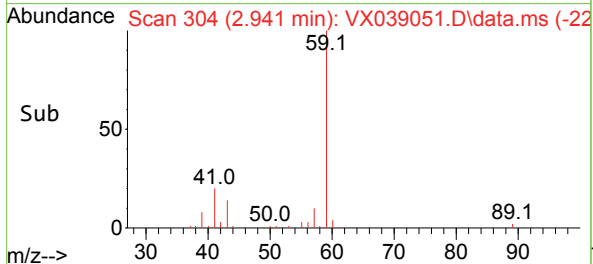
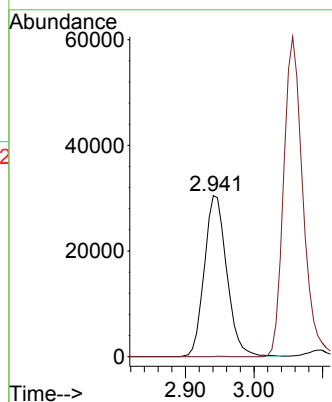
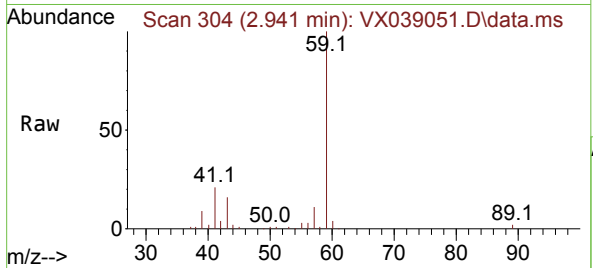




#23
tert-Butyl Alcohol
Concen: 90.311 ug/l
RT: 2.941 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

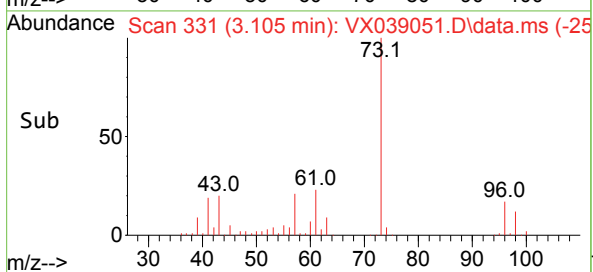
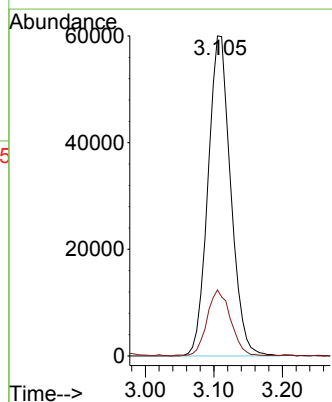
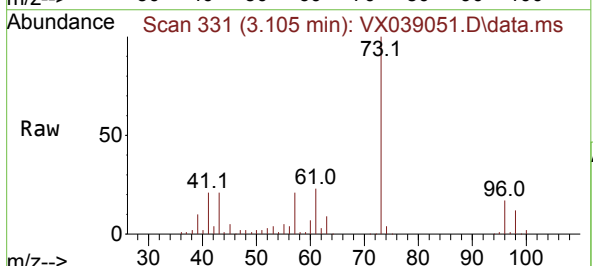
Instrument :
MSVOA_X
ClientSampleId :

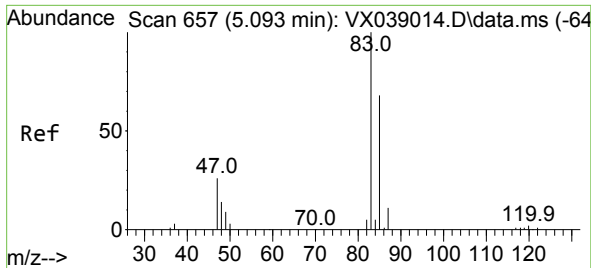
Tgt Ion: 59 Resp: 69628
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 20.578 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 73 Resp: 138398
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6

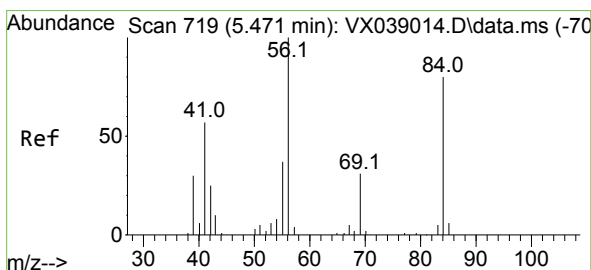
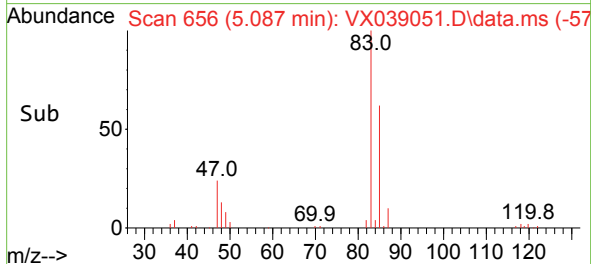
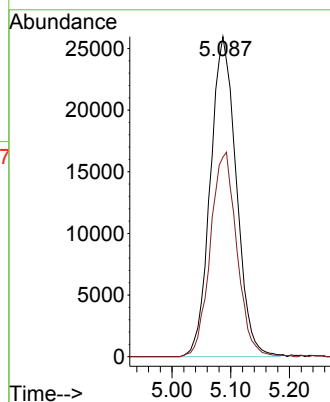
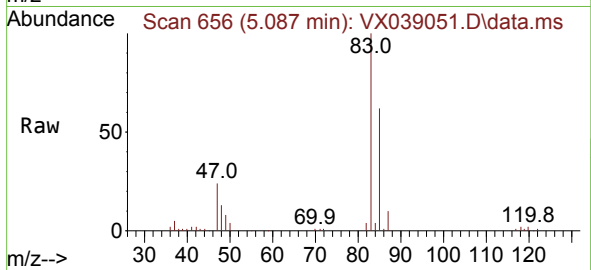




#25
Chloroform
Concen: 20.710 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

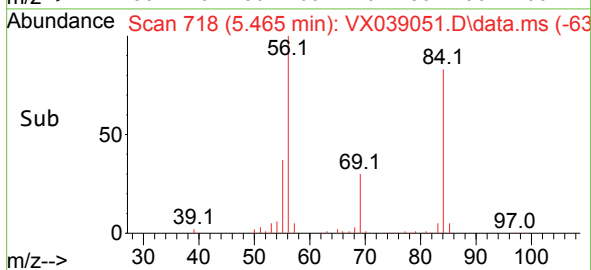
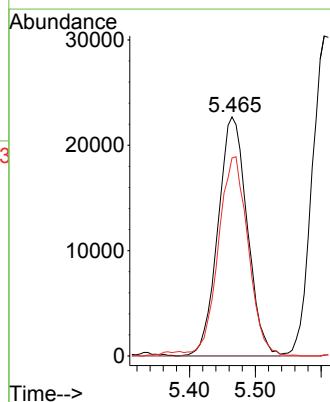
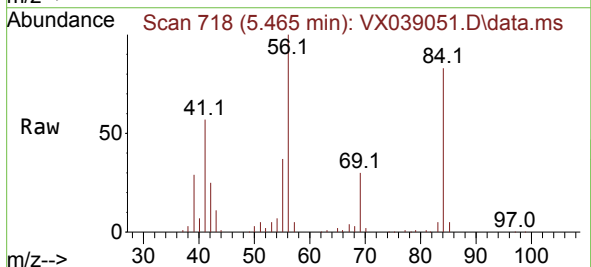
Instrument :
MSVOA_X
ClientSampleId :

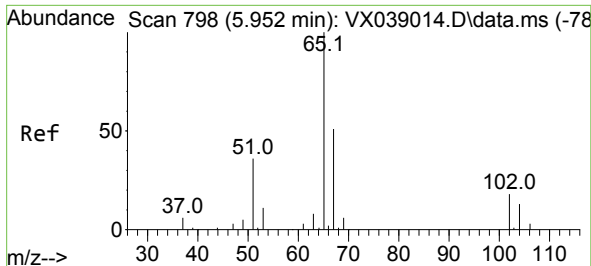
Tgt Ion: 83 Resp: 79707
Ion Ratio Lower Upper
83 100
85 62.4 54.6 81.8



#26
Cyclohexane
Concen: 20.269 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 56 Resp: 70351
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 30.499 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

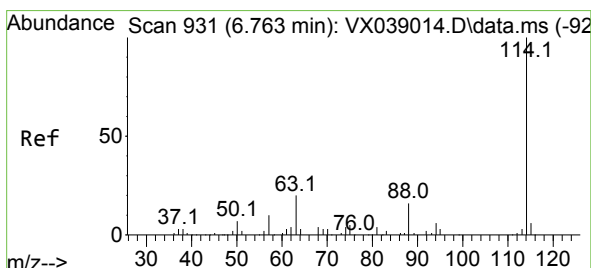
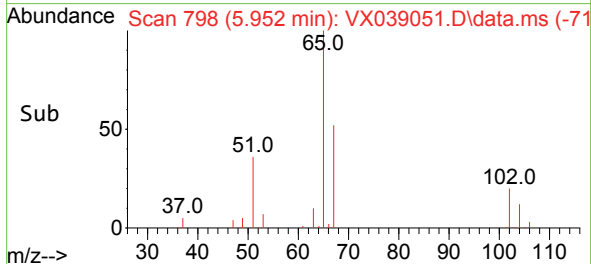
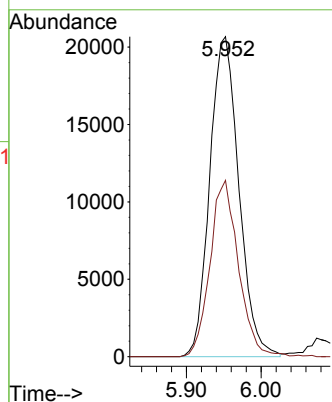
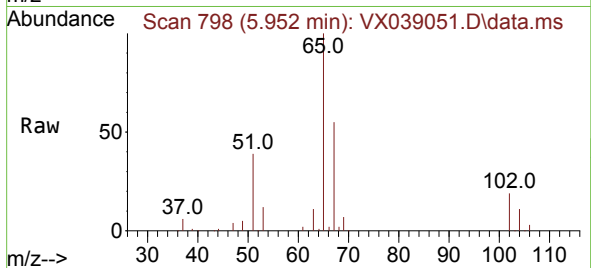
ClientSampleId :

Tgt Ion: 65 Resp: 56002

Ion Ratio Lower Upper

65 100

67 53.7 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

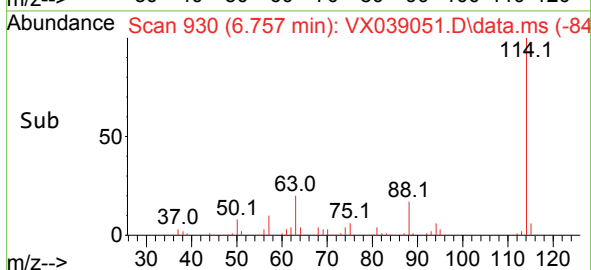
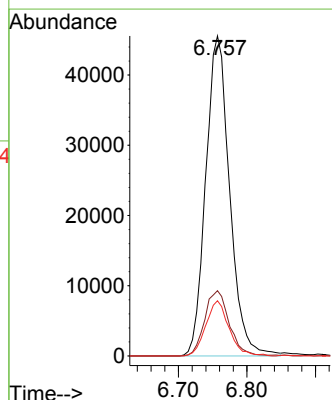
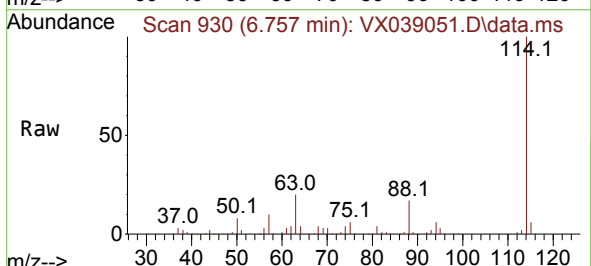
Tgt Ion: 114 Resp: 110716

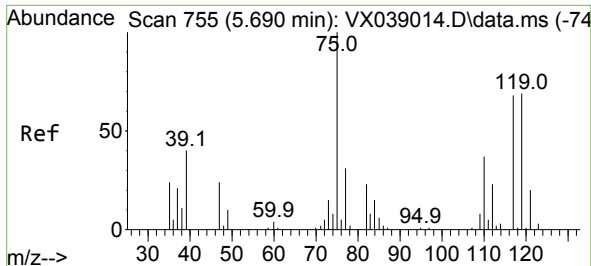
Ion Ratio Lower Upper

114 100

63 20.9 17.0 25.4

88 16.6 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.161 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

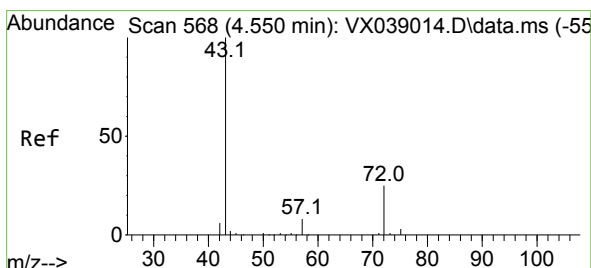
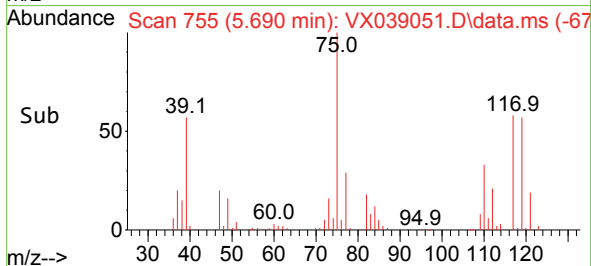
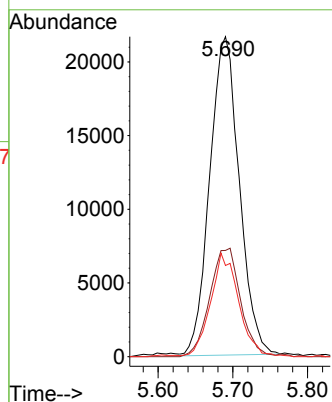
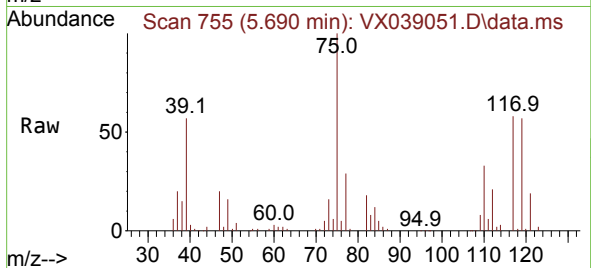
Tgt Ion: 75 Resp: 59471

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.2

77 29.9 0.0 62.6



#30

2-Butanone

Concen: 100.796 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

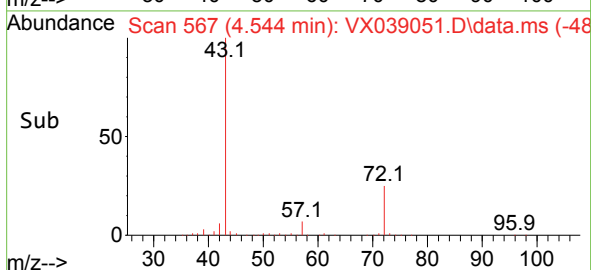
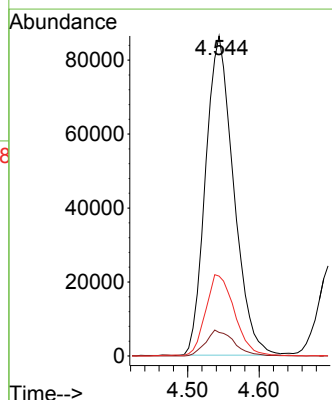
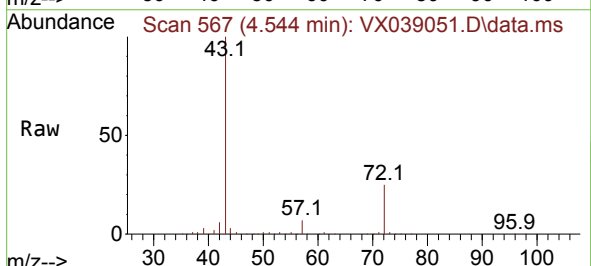
Tgt Ion: 43 Resp: 235535

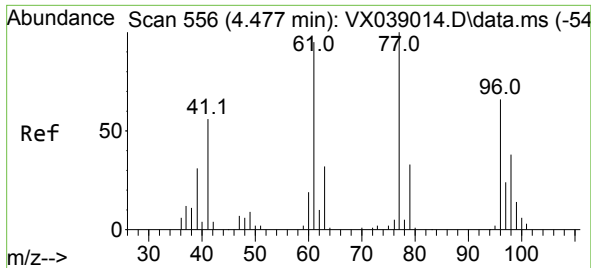
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 25.8 20.6 31.0

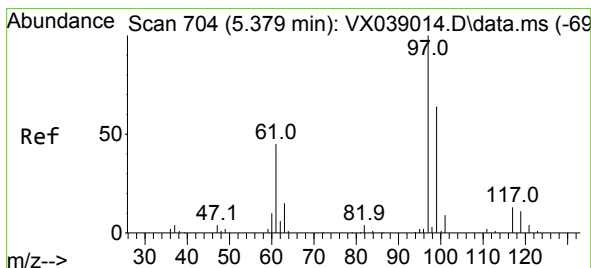
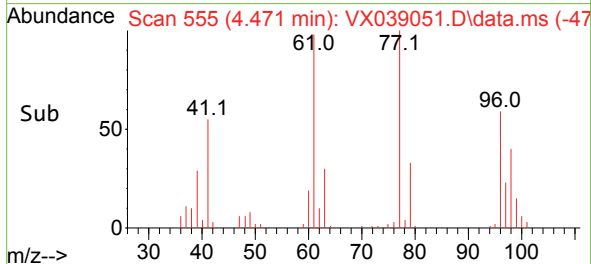
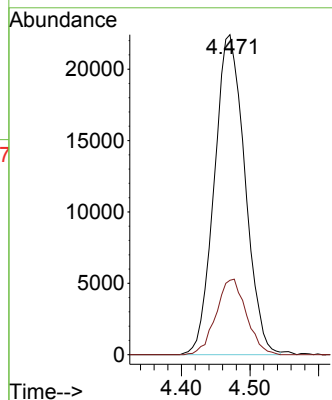
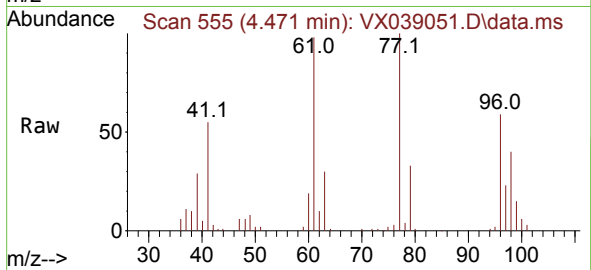




#31
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

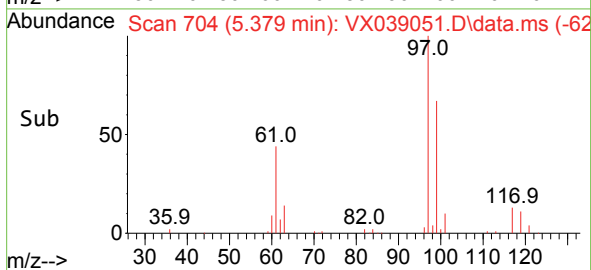
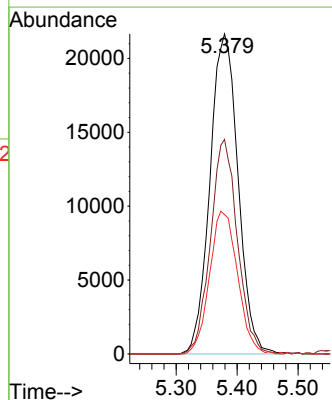
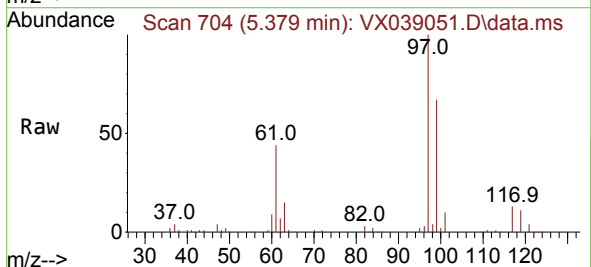
Instrument :
MSVOA_X
ClientSampleId :

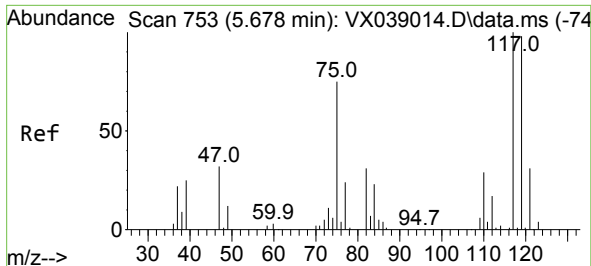
Tgt Ion: 77 Resp: 69462
Ion Ratio Lower Upper
77 100
97 23.4 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 19.383 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

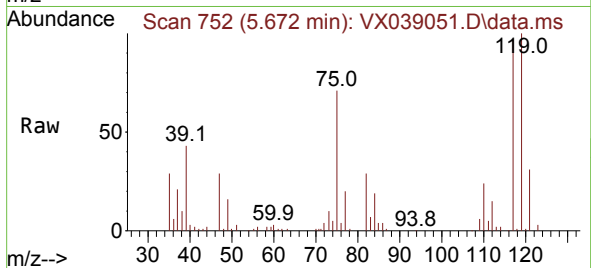
Tgt Ion: 97 Resp: 69533
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 44.3 36.9 55.3



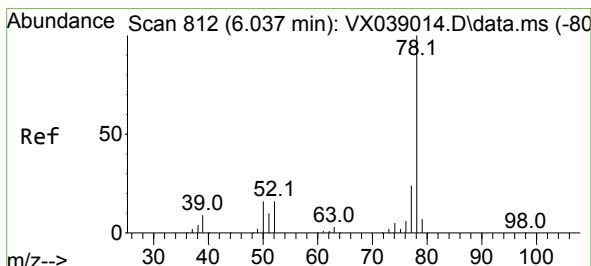
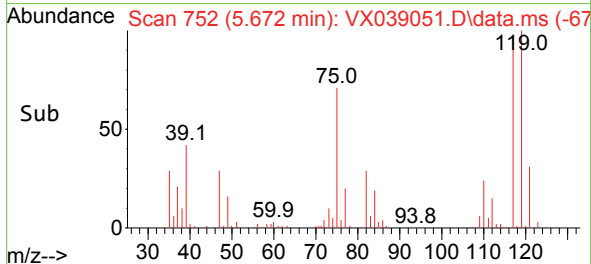
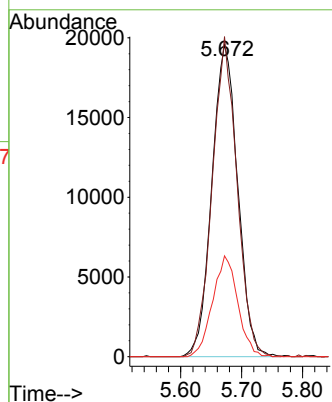


#33
Carbon Tetrachloride
Concen: 19.127 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :

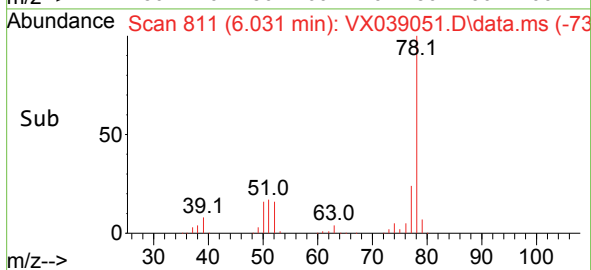
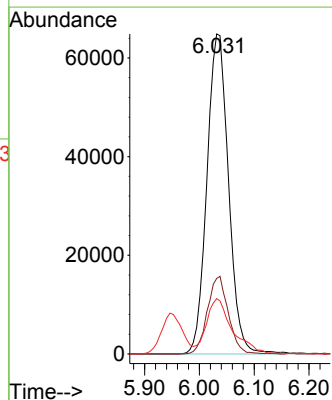
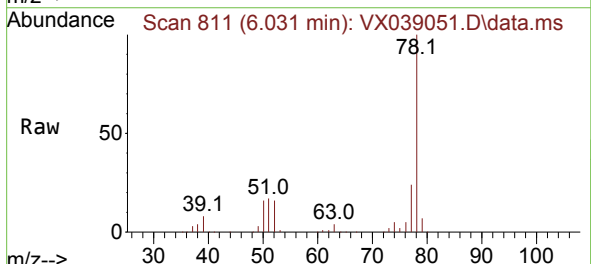


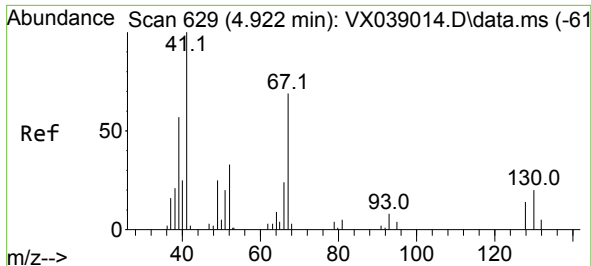
Tgt Ion:117 Resp: 57797
Ion Ratio Lower Upper
117 100
119 102.6 78.2 117.4
121 32.3 24.7 37.1



#34
Benzene
Concen: 19.615 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 78 Resp: 177339
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 17.3 14.4 21.6

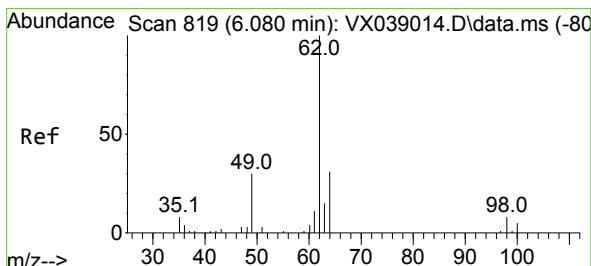
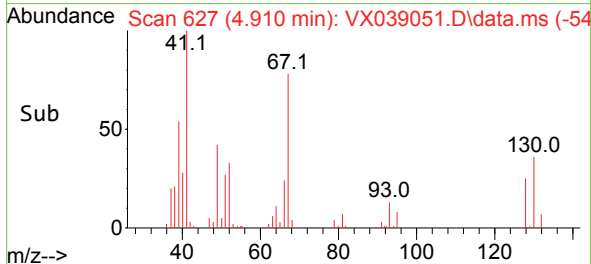
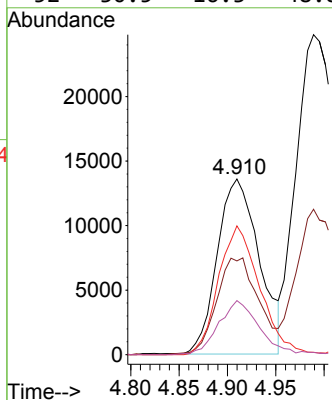
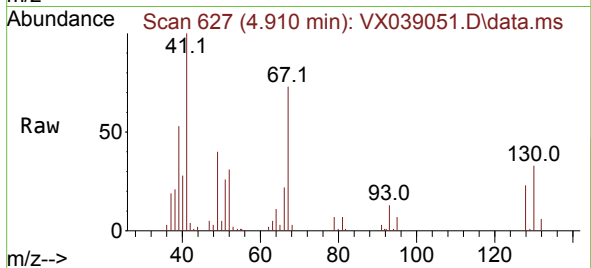




#35
Methacrylonitrile
Concen: 19.778 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

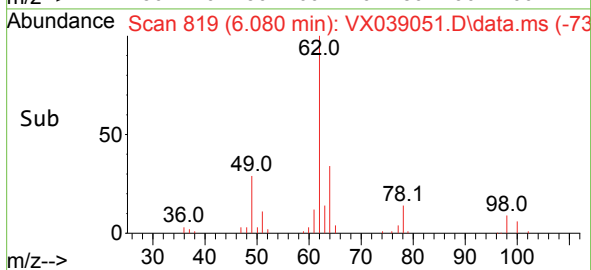
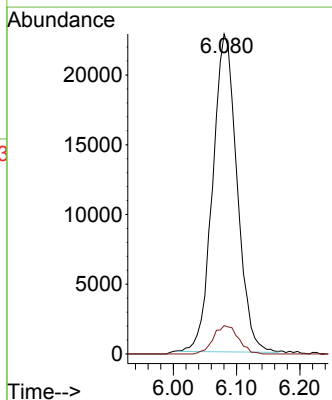
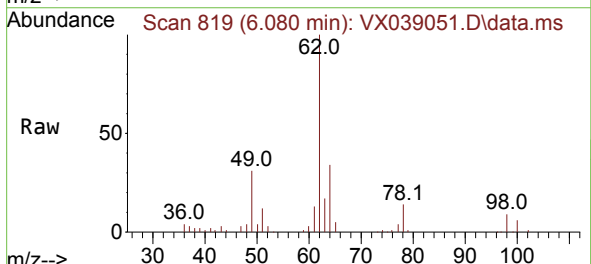
Instrument :
MSVOA_X
ClientSampleId :

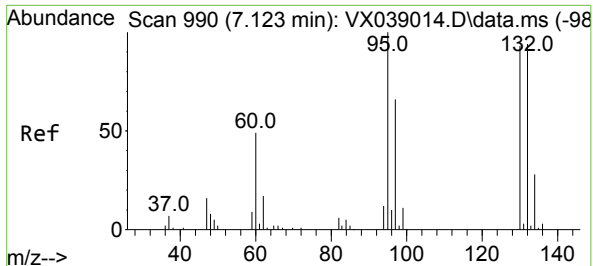
Tgt Ion:	41	Resp:	40939
Ion	Ratio	Lower	Upper
41	100		
39	52.9	28.2	84.7
67	73.6	34.5	103.5
52	30.5	16.3	48.8



#36
1,2-Dichloroethane
Concen: 18.358 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:	62	Resp:	60902
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.0	10.4





#37

Trichloroethene

Concen: 19.428 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

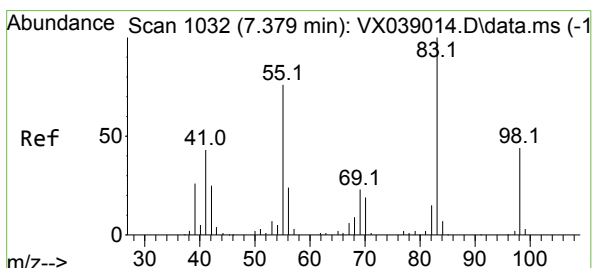
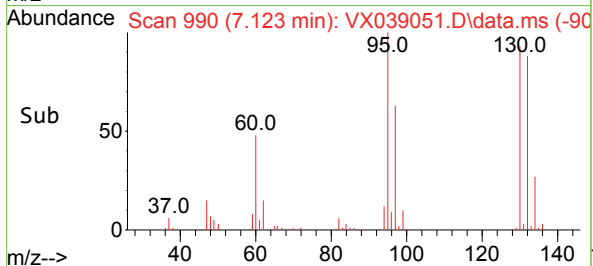
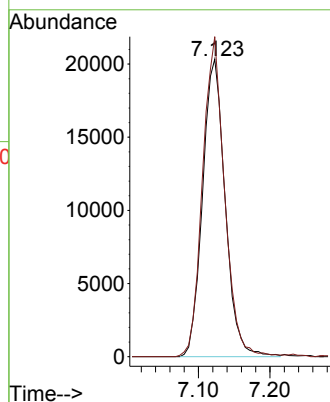
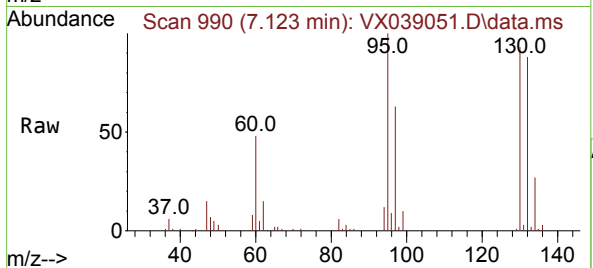
ClientSampleId :

Tgt Ion:130 Resp: 44581

Ion Ratio Lower Upper

130 100

95 107.1 85.8 128.8



#38

Methylcyclohexane

Concen: 19.312 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

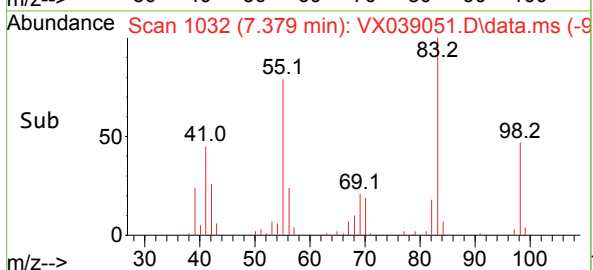
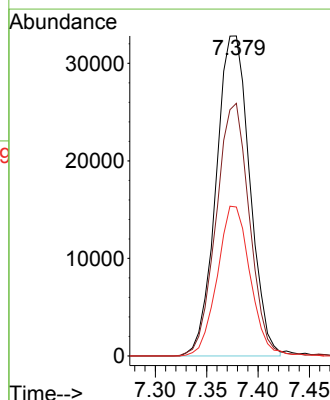
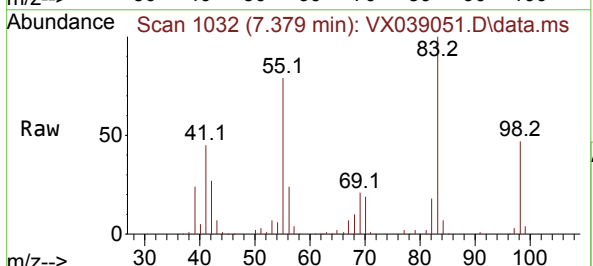
Tgt Ion: 83 Resp: 74682

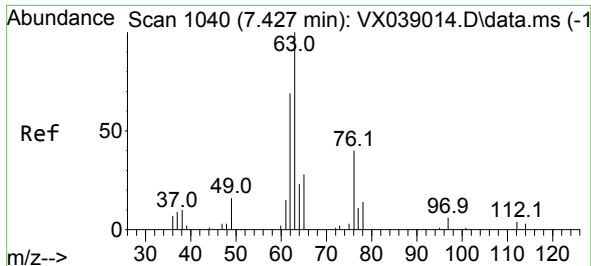
Ion Ratio Lower Upper

83 100

55 78.1 38.6 116.0

98 45.9 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.870 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

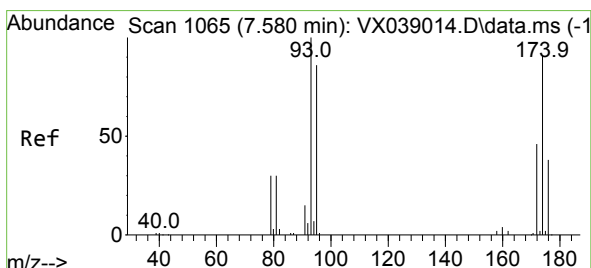
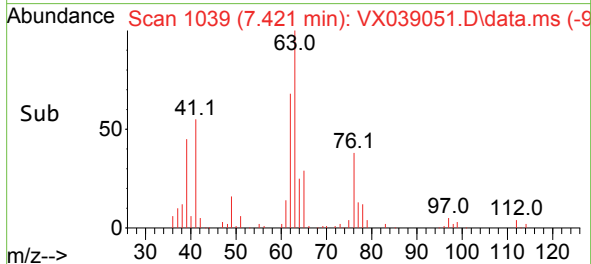
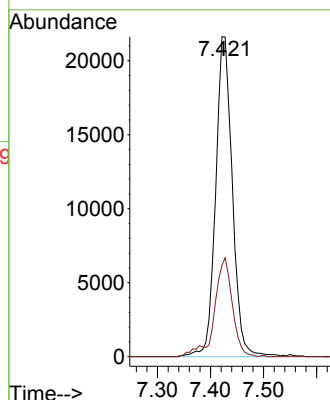
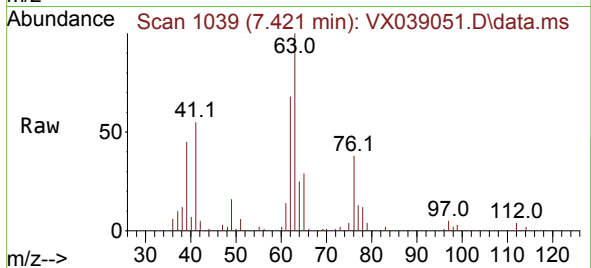
ClientSampleId :

Tgt Ion: 63 Resp: 47379

Ion Ratio Lower Upper

63 100

65 28.6 24.6 37.0



#40

Dibromomethane

Concen: 18.931 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

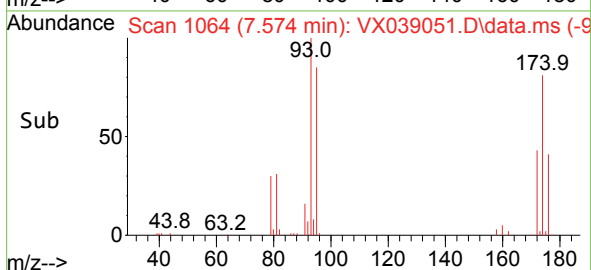
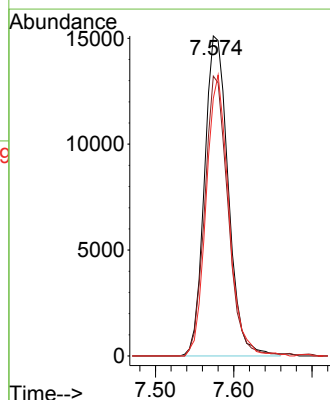
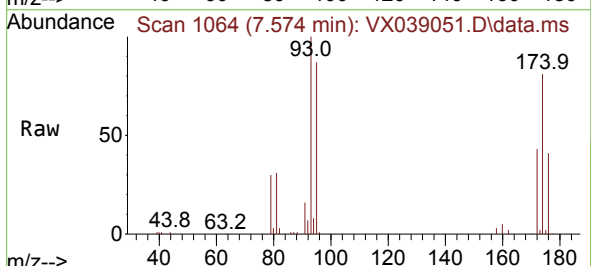
Tgt Ion: 93 Resp: 31893

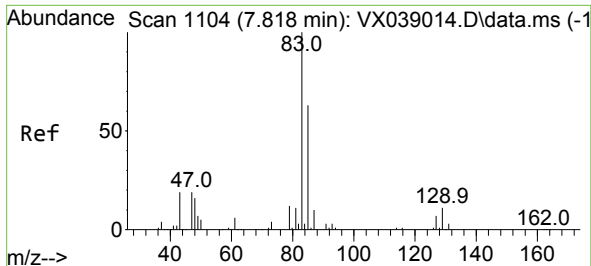
Ion Ratio Lower Upper

93 100

95 85.6 0.0 163.4

174 83.2 0.0 166.4

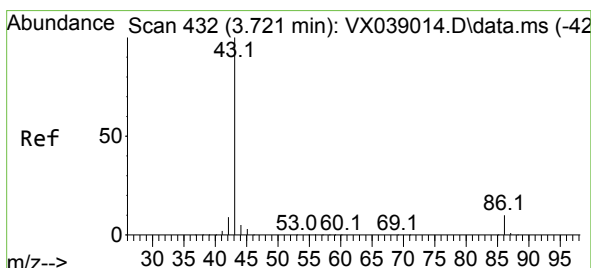
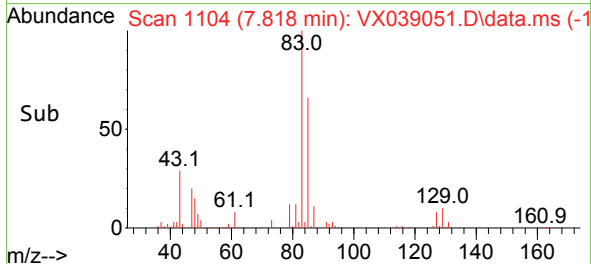
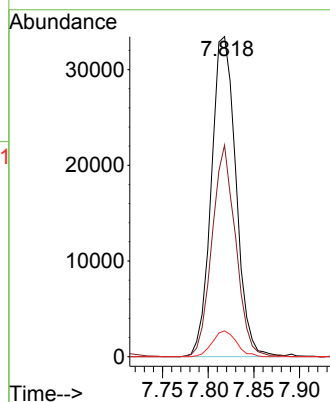
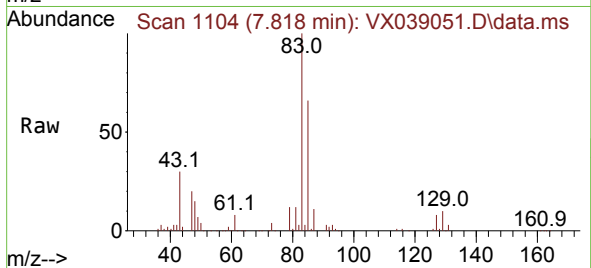




#41
Bromodichloromethane
Concen: 19.359 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

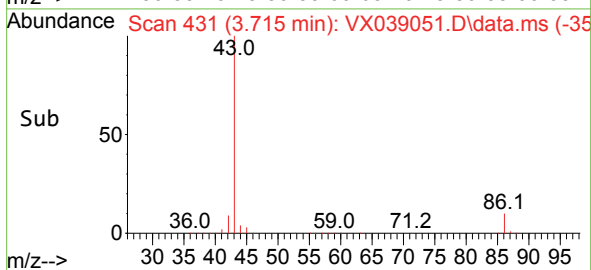
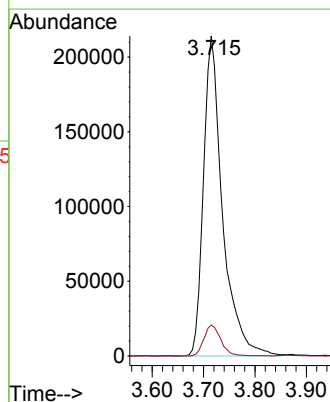
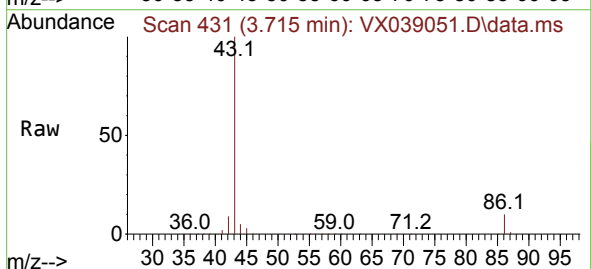
Instrument :
MSVOA_X
ClientSampleId :

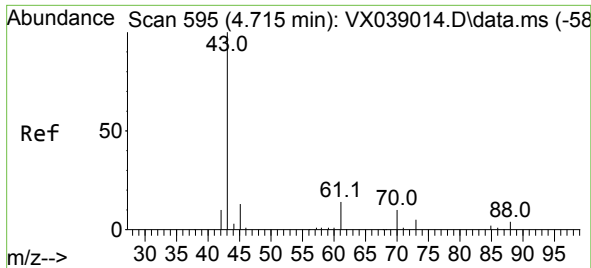
Tgt Ion: 83 Resp: 62657
Ion Ratio Lower Upper
83 100
85 66.1 50.8 76.2
127 8.0 5.9 8.9



#42
Vinyl Acetate
Concen: 99.048 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 551272
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1

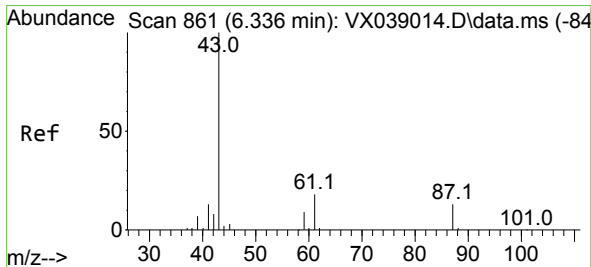
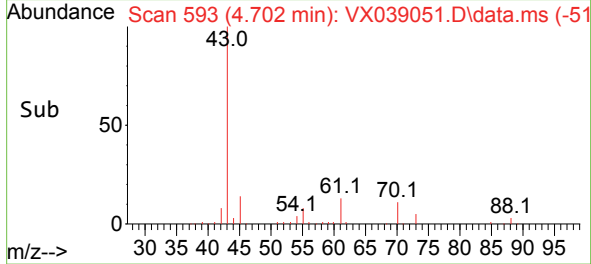
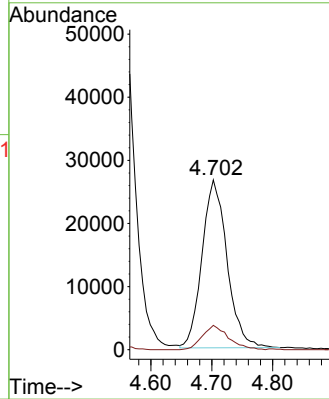
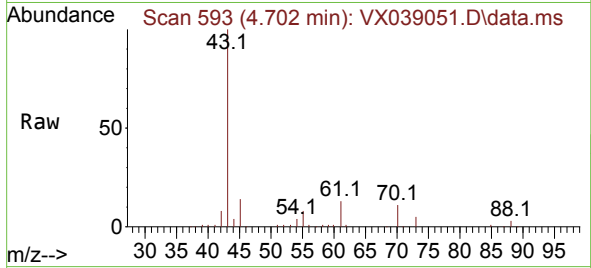




#43
Ethyl Acetate
Concen: 18.901 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

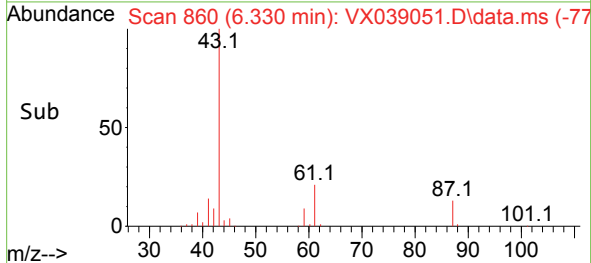
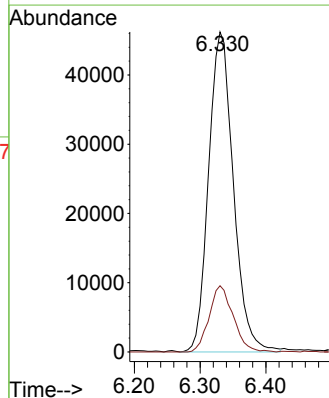
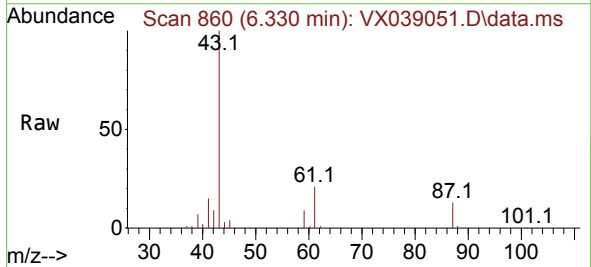
Instrument :
MSVOA_X
ClientSampleId :

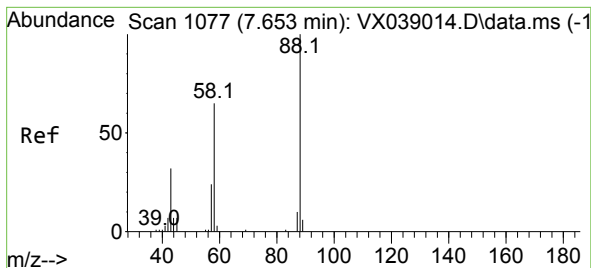
Tgt Ion: 43 Resp: 75986
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.111 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 121113
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4





#45

1,4-Dioxane

Concen: 366.480 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

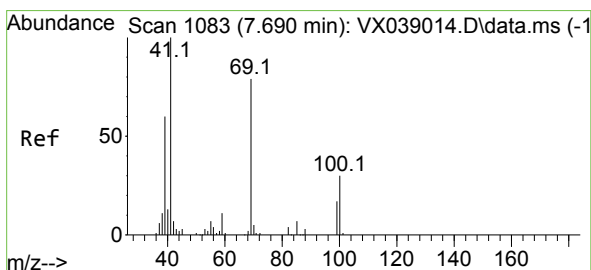
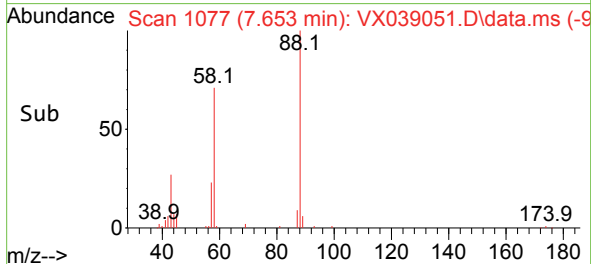
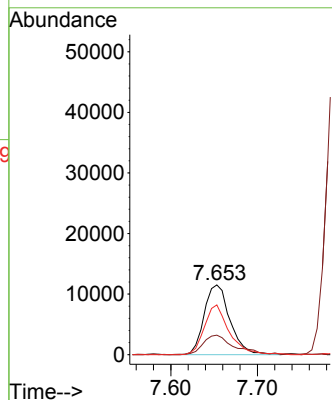
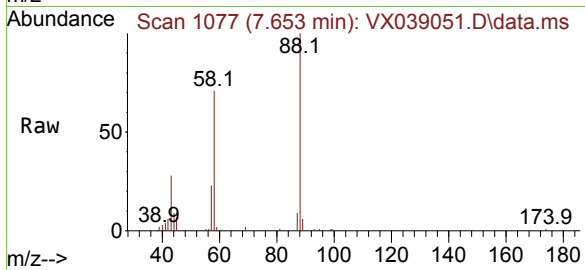
Tgt Ion: 88 Resp: 23710

Ion Ratio Lower Upper

88 100

43 31.6 28.1 42.1

58 69.1 57.7 86.5



#46

Methyl methacrylate

Concen: 19.081 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

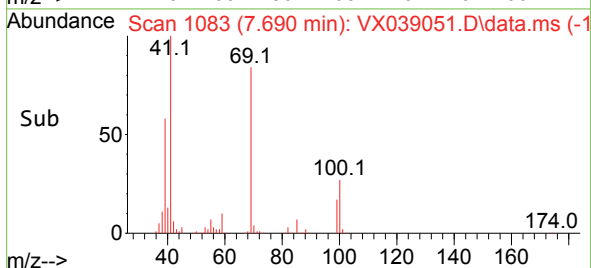
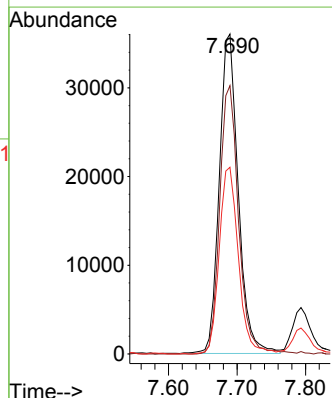
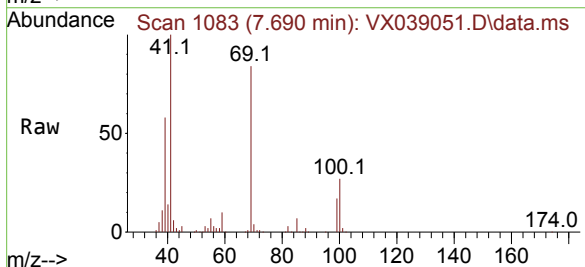
Tgt Ion: 41 Resp: 69138

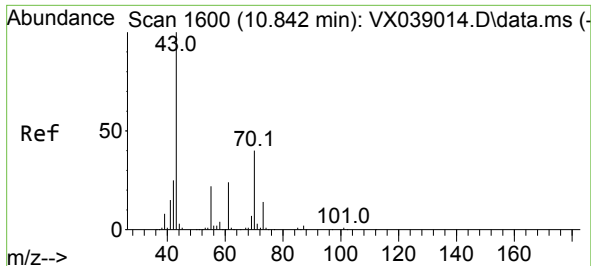
Ion Ratio Lower Upper

41 100

69 84.0 39.6 118.8

39 58.5 30.1 90.3

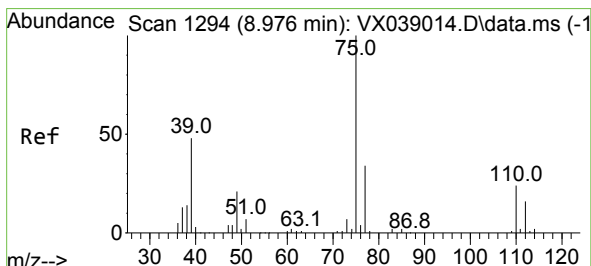
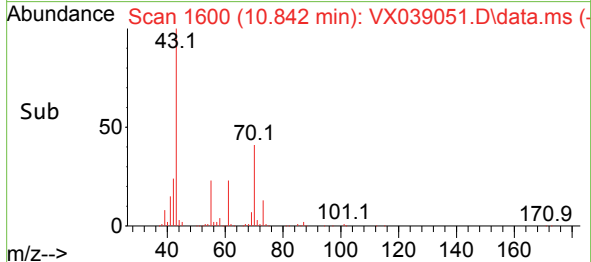
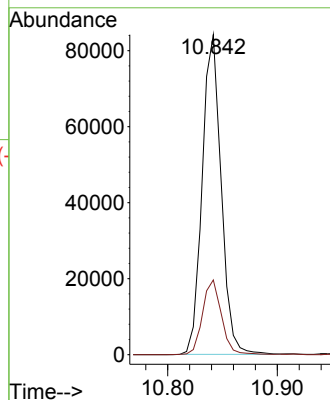
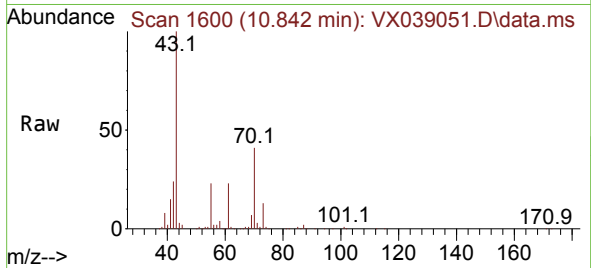




#47
n-amy1 Acetate
Concen: 18.849 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

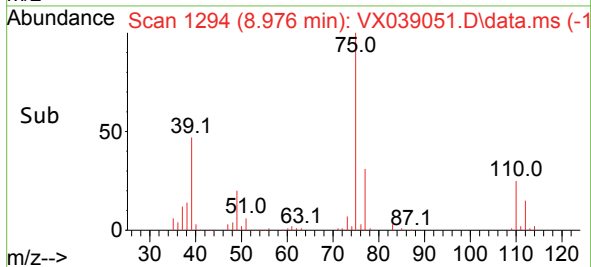
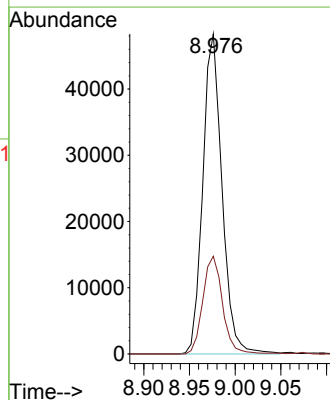
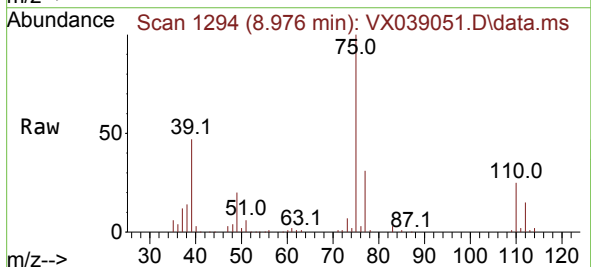
Instrument :
MSVOA_X
ClientSampleId :

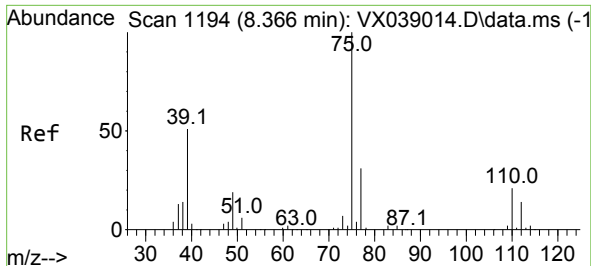
Tgt Ion: 43 Resp: 101106
Ion Ratio Lower Upper
43 100
55 23.0 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 18.783 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 75 Resp: 70490
Ion Ratio Lower Upper
75 100
77 30.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

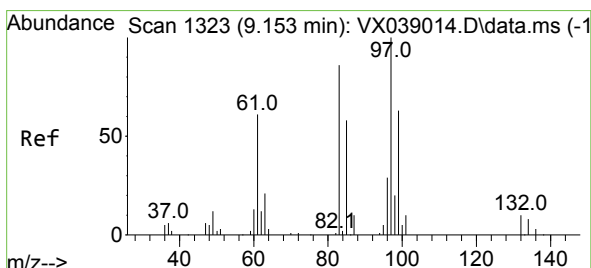
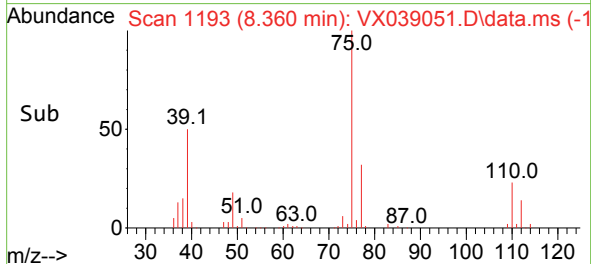
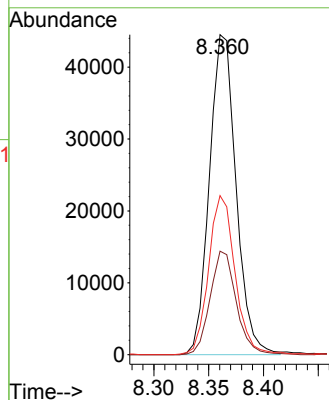
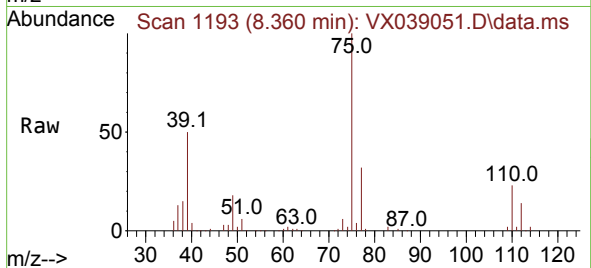
Tgt Ion: 75 Resp: 75348

Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6

39 49.5 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 19.638 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Tgt Ion: 97 Resp: 44944

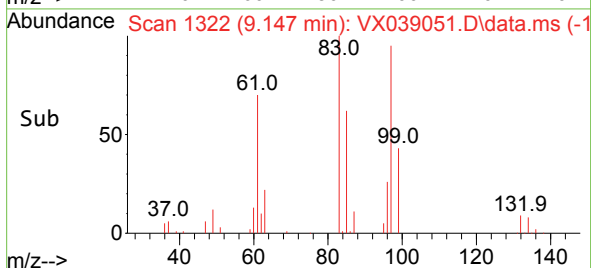
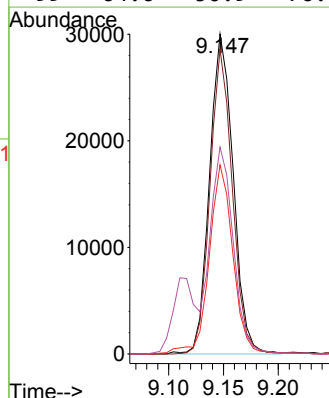
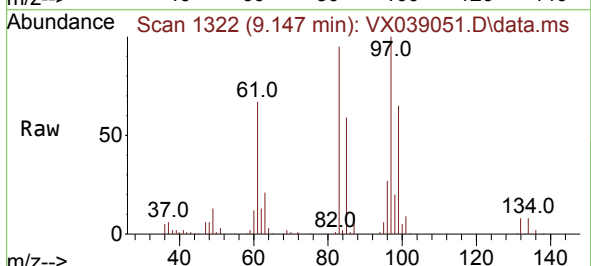
Ion Ratio Lower Upper

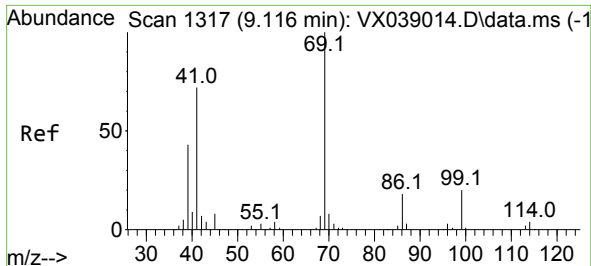
97 100

83 95.4 69.0 103.6

85 58.8 46.3 69.5

99 64.6 50.9 76.3

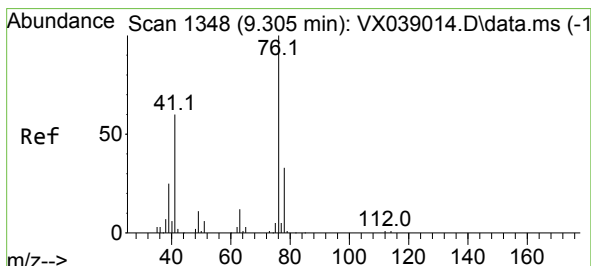
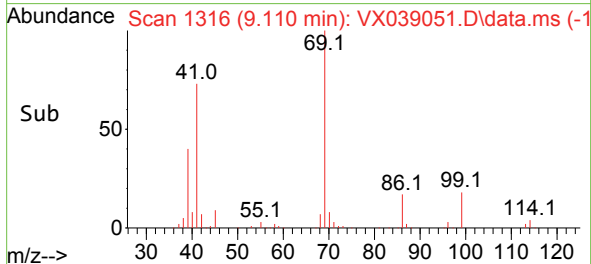
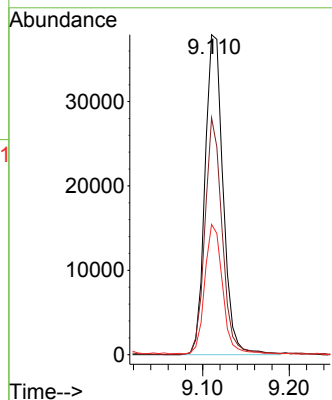
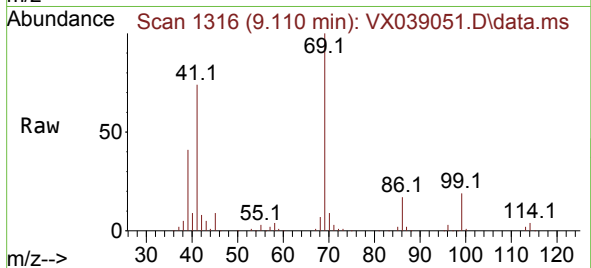




#51
Ethyl methacrylate
Concen: 19.253 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

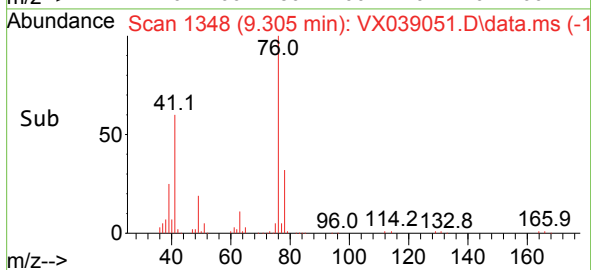
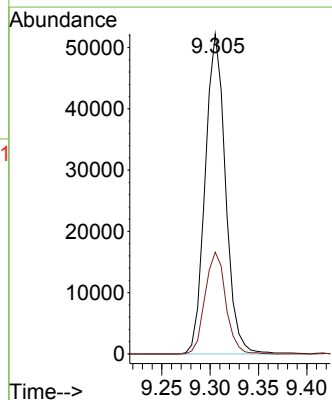
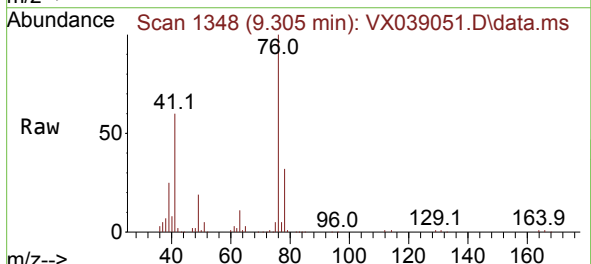
Instrument :
MSVOA_X
ClientSampleId :

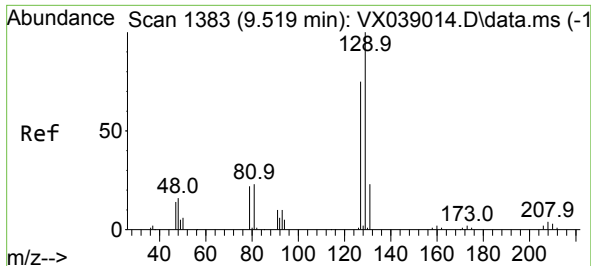
Tgt Ion: 69 Resp: 55156
Ion Ratio Lower Upper
69 100
41 74.1 36.2 108.6
39 40.4 21.1 63.4



#52
1,3-Dichloropropane
Concen: 19.470 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 76 Resp: 76407
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0

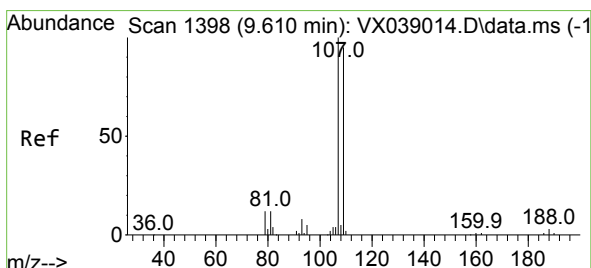
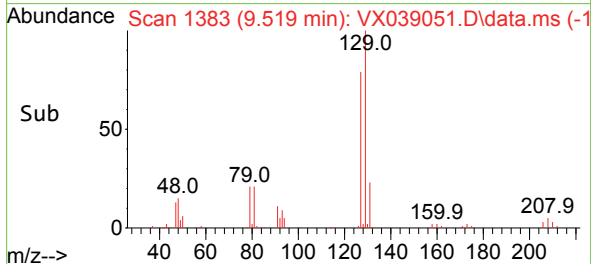
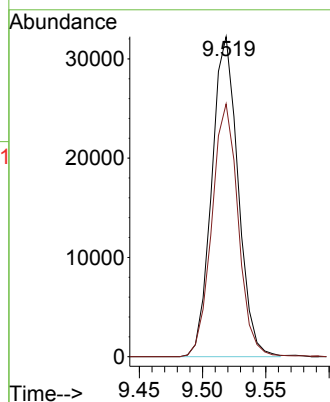
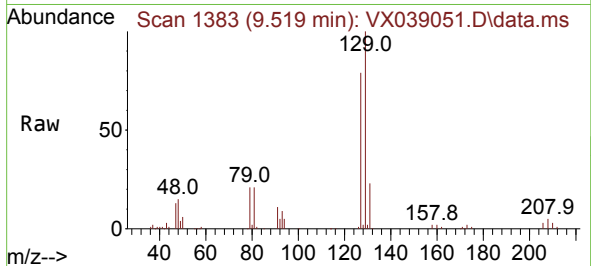




#53
Dibromochloromethane
Concen: 18.980 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

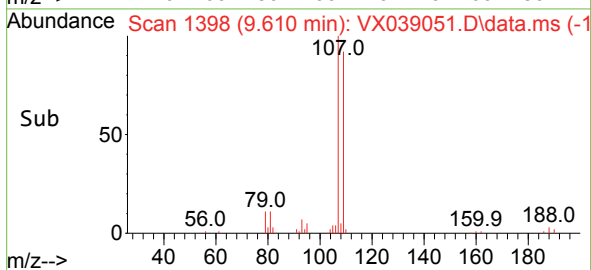
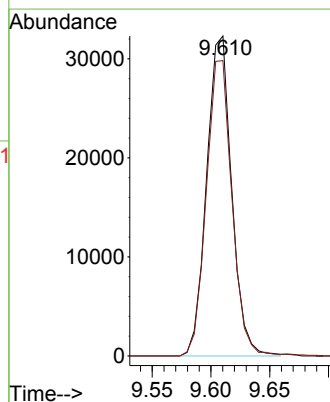
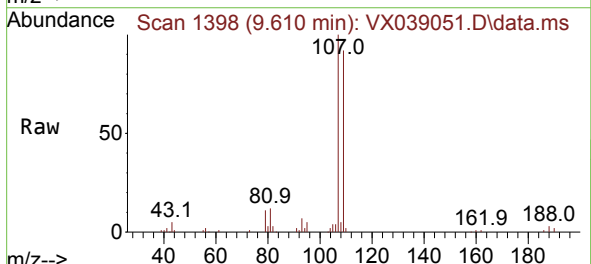
Instrument :
MSVOA_X
ClientSampleId :

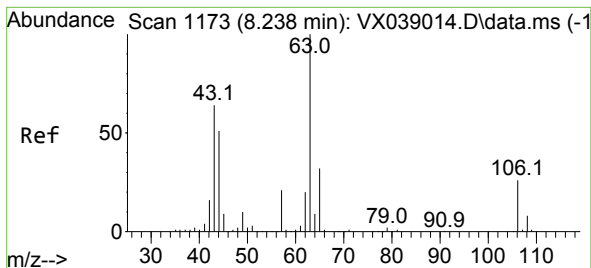
Tgt Ion:129 Resp: 46649
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.099 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:107 Resp: 47935
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



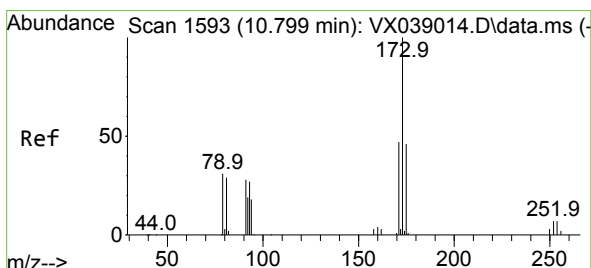
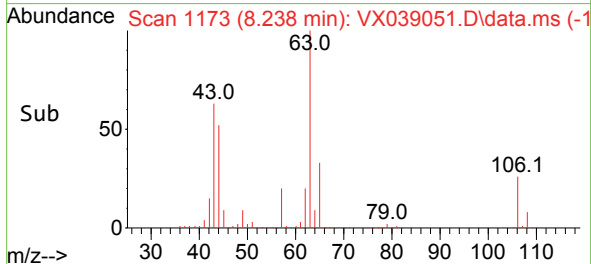
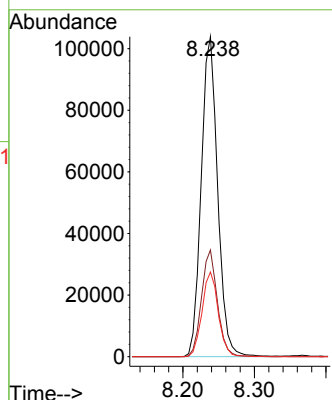
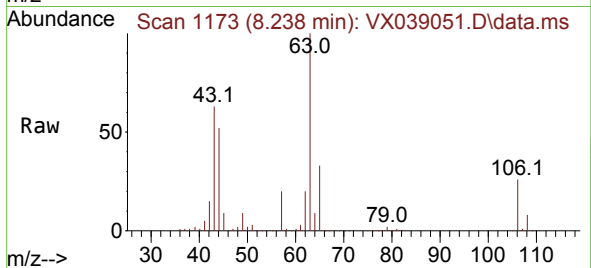


#55
 2-Chloroethyl vinyl ether
 Concen: 91.204 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 63 Resp: 165612

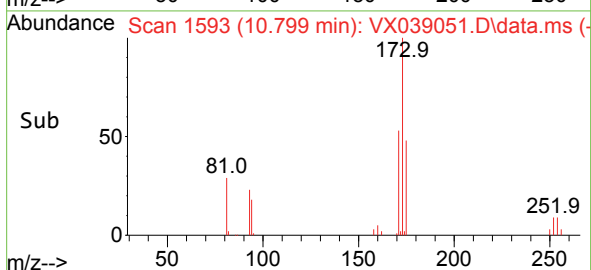
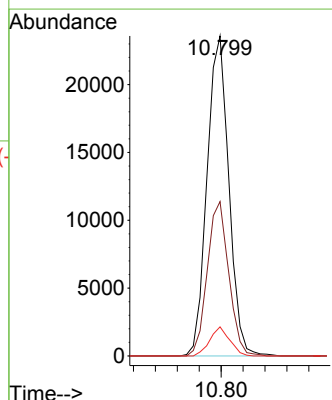
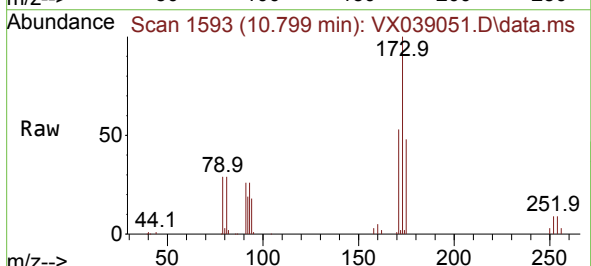
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	26.1	20.6	31.0

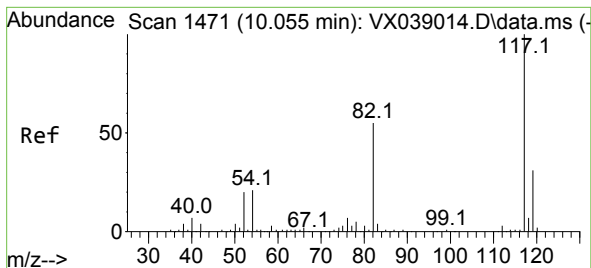


#56
 Bromoform
 Concen: 18.347 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

Tgt Ion: 173 Resp: 32546

Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.6	56.4
254	8.3	5.8	8.8

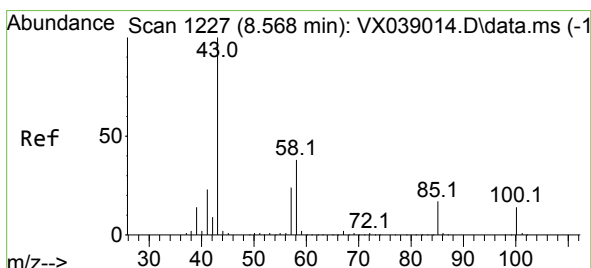
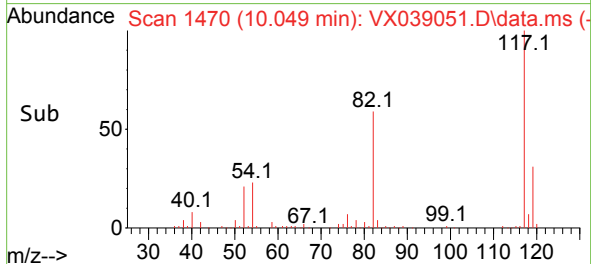
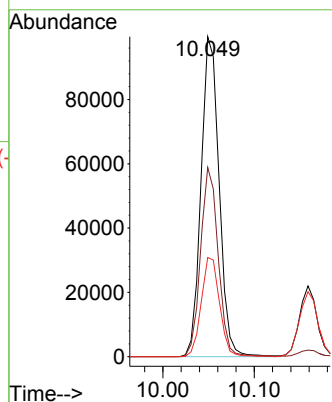
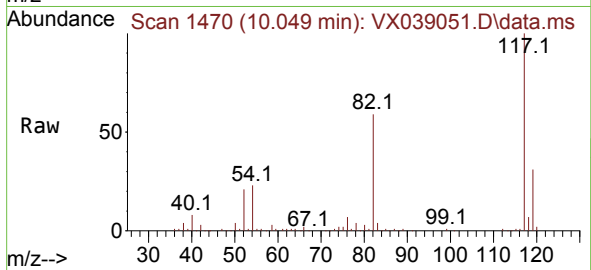




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

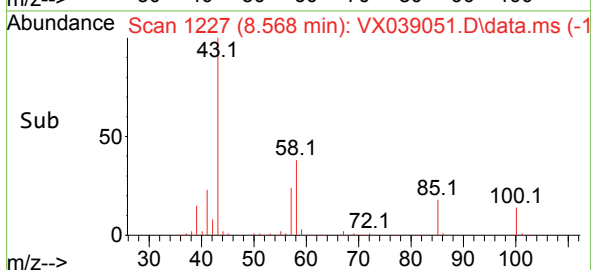
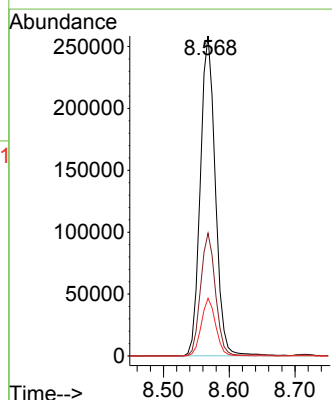
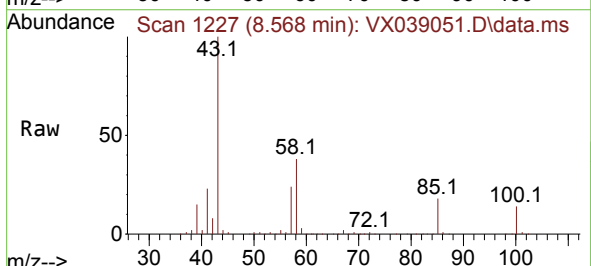
Instrument :
MSVOA_X
ClientSampleId :

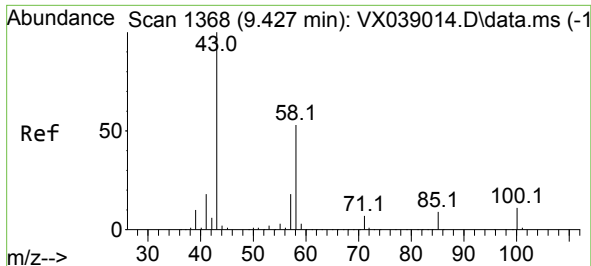
Tgt Ion:117 Resp: 137012
Ion Ratio Lower Upper
117 100
82 57.5 47.0 70.6
119 31.4 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 98.740 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 43 Resp: 410250
Ion Ratio Lower Upper
43 100
58 38.0 30.1 45.1
85 17.3 13.9 20.9





#59

2-Hexanone

Concen: 99.167 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

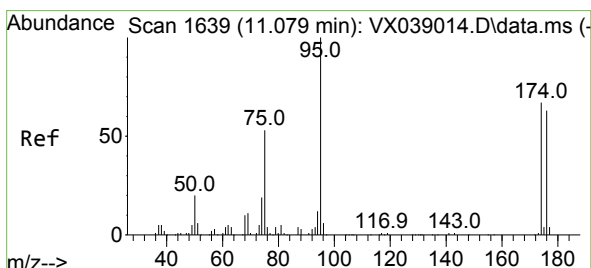
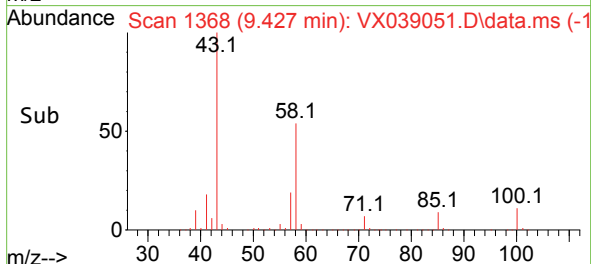
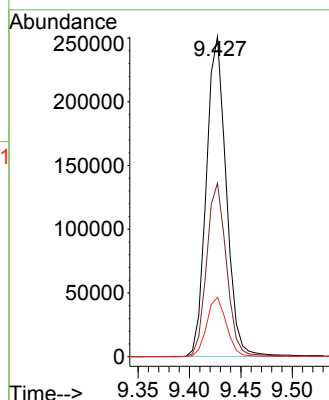
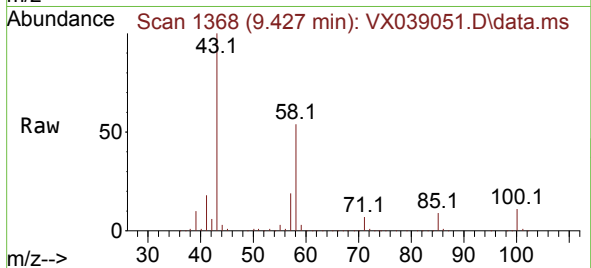
Tgt Ion: 43 Resp: 338208

Ion Ratio Lower Upper

43 100

58 54.3 42.7 64.1

57 18.5 14.8 22.2



#60

4-Bromofluorobenzene

Concen: 29.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

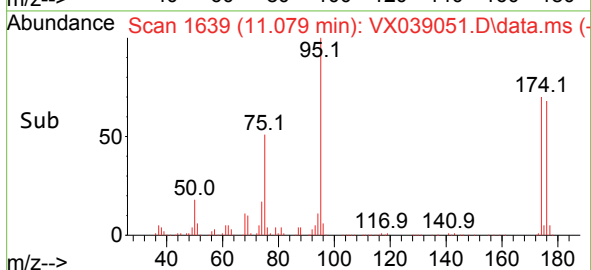
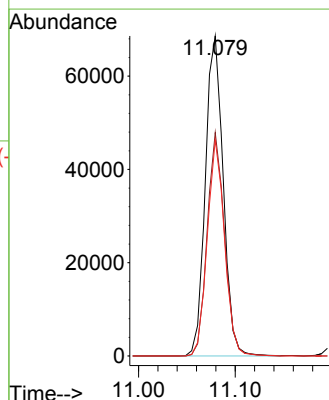
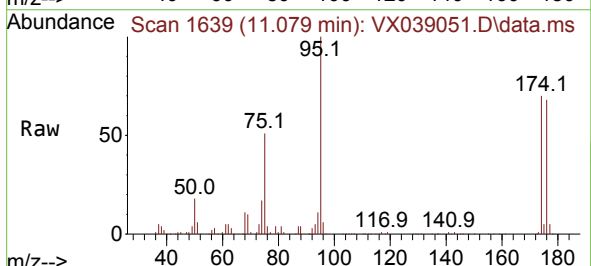
Tgt Ion: 95 Resp: 88346

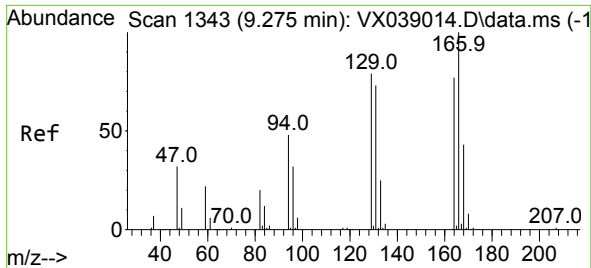
Ion Ratio Lower Upper

95 100

174 67.8 55.4 83.2

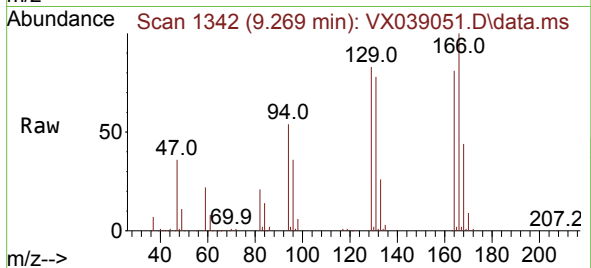
176 65.2 52.6 78.8



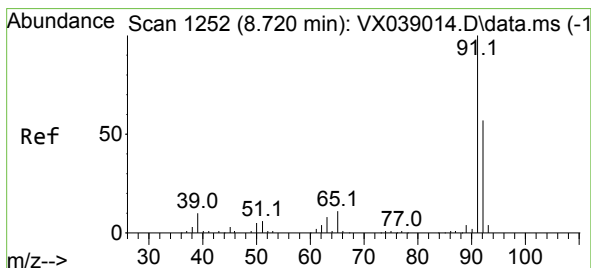
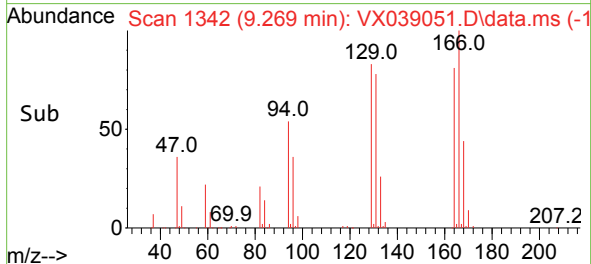
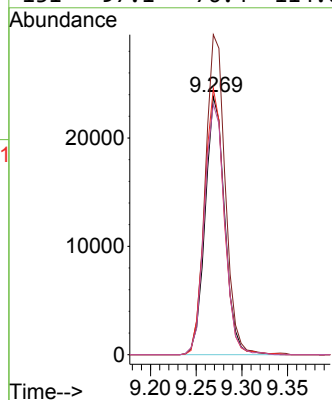


#61
Tetrachloroethene
Concen: 19.832 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :

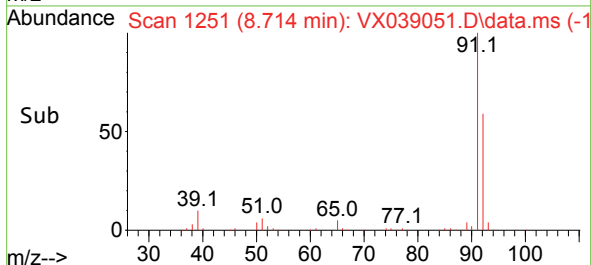
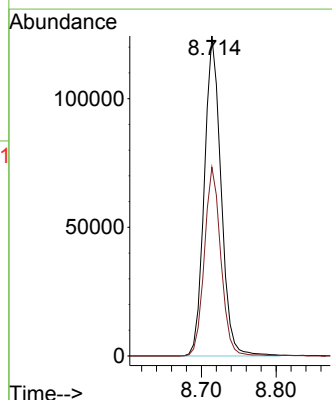
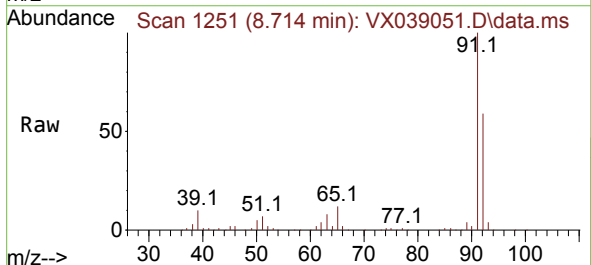


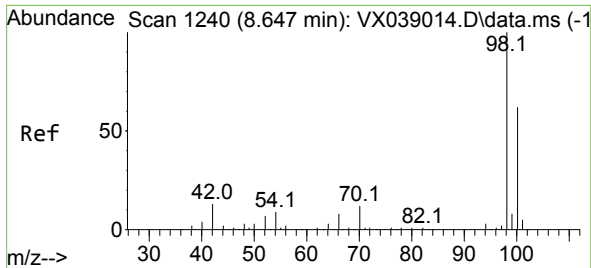
Tgt Ion:164 Resp: 35329
Ion Ratio Lower Upper
164 100
166 124.1 104.0 156.0
129 103.2 82.0 123.0
131 97.1 76.4 114.6



#62
Toluene
Concen: 19.842 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 91 Resp: 193016
Ion Ratio Lower Upper
91 100
92 58.3 45.9 68.9

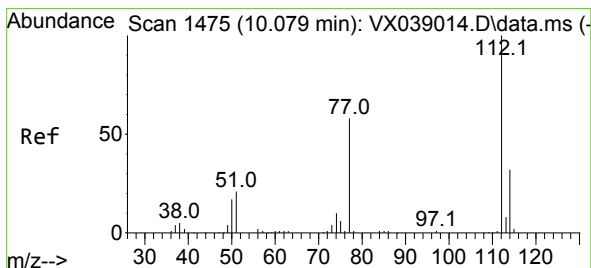
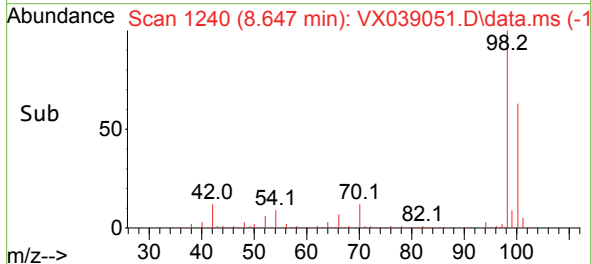
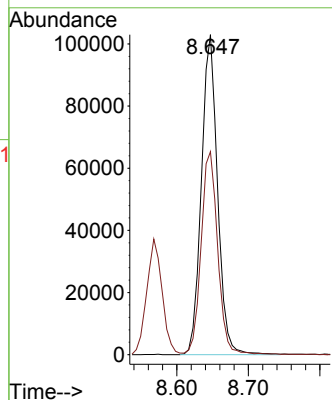
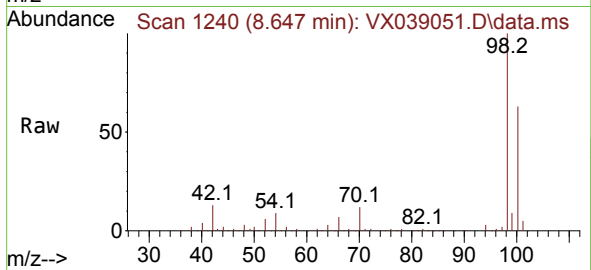




#63
Toluene-d8
Concen: 29.817 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

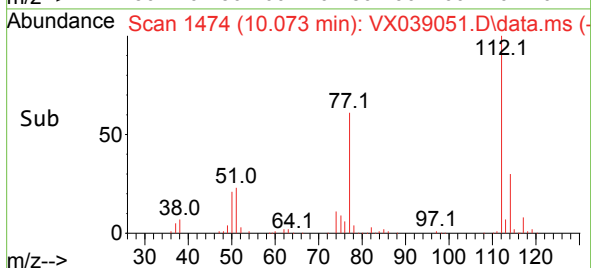
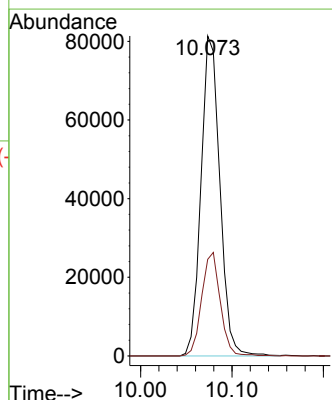
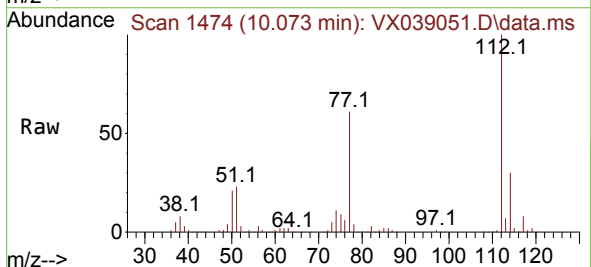
Instrument :
MSVOA_X
ClientSampleId :

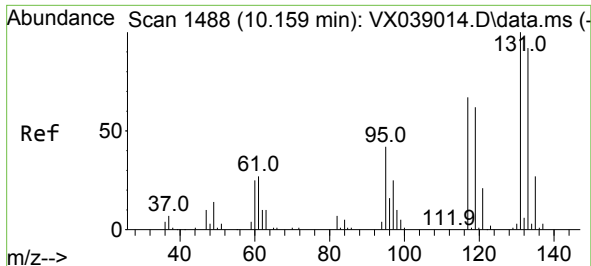
Tgt Ion: 98 Resp: 161520
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4



#64
Chlorobenzene
Concen: 19.697 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 112 Resp: 116544
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9

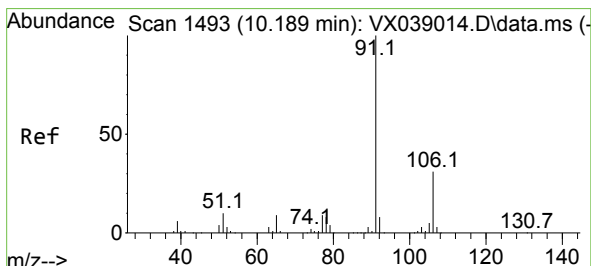
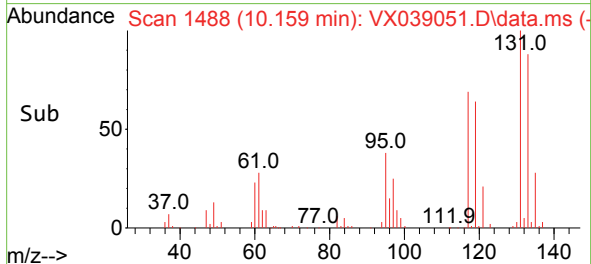
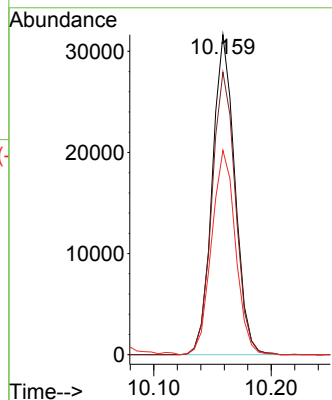
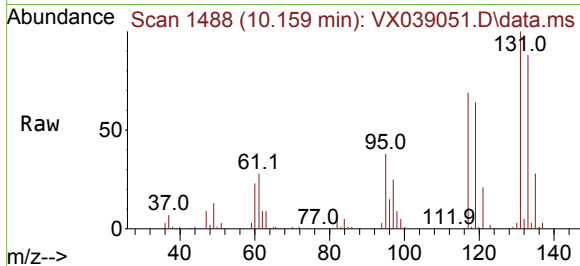




#65
1,1,1,2-Tetrachloroethane
Concen: 19.831 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

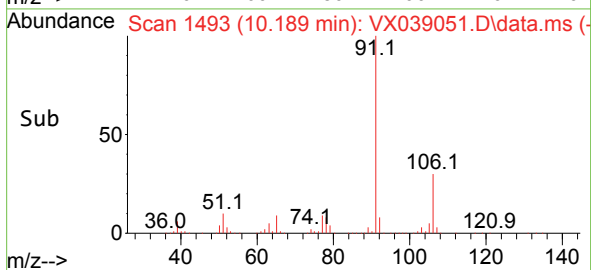
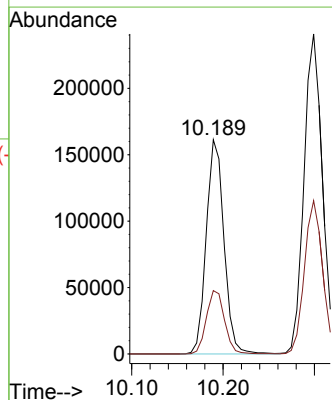
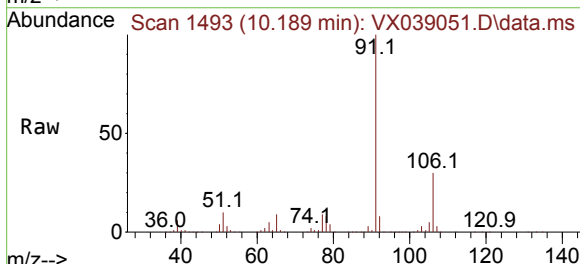
Instrument :
MSVOA_X
ClientSampleId :

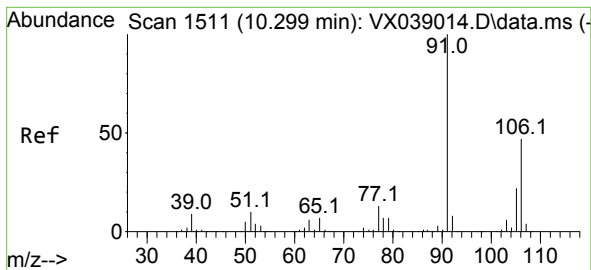
Tgt Ion:131 Resp: 42259
Ion Ratio Lower Upper
131 100
133 91.9 0.0 191.8
119 67.4 0.0 135.4



#66
Ethyl Benzene
Concen: 19.566 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 91 Resp: 216723
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

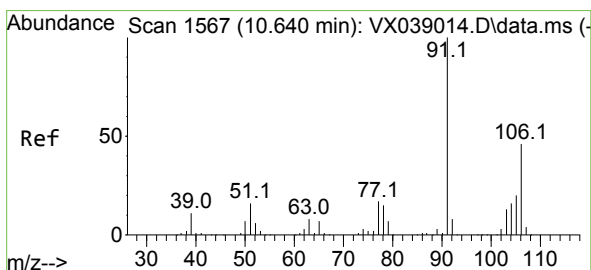
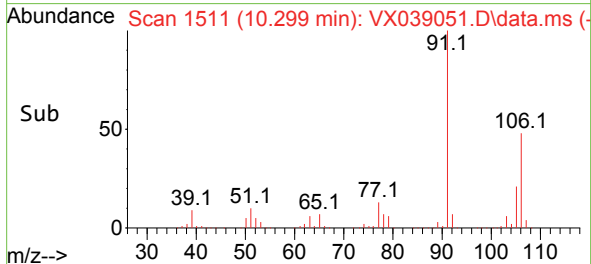
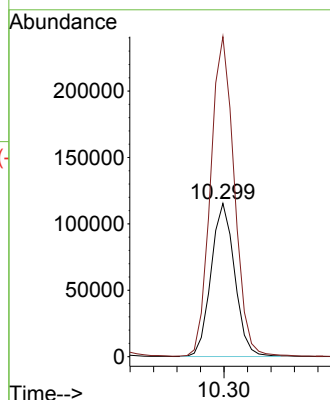
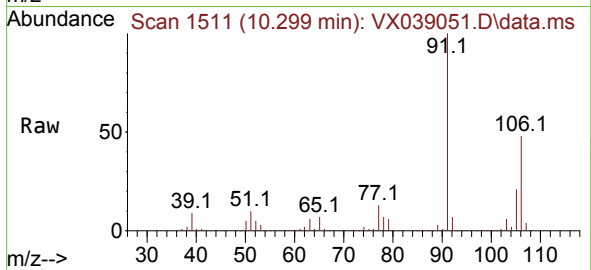




#67
m/p-Xylenes
Concen: 39.369 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

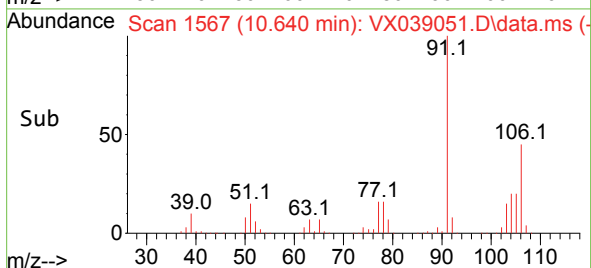
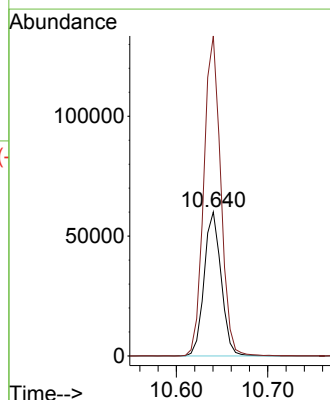
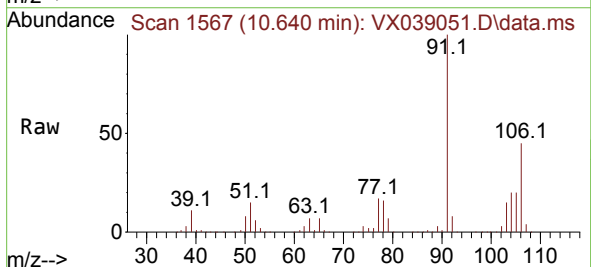
Instrument :
MSVOA_X
ClientSampleId :

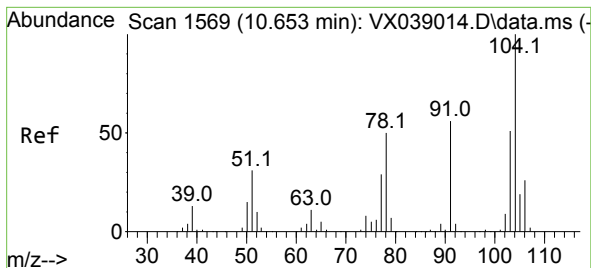
Tgt Ion:106 Resp: 161138
Ion Ratio Lower Upper
106 100
91 210.9 169.4 254.0



#68
o-Xylene
Concen: 19.538 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:106 Resp: 77464
Ion Ratio Lower Upper
106 100
91 221.7 111.2 333.6





#69

Styrene

Concen: 19.407 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

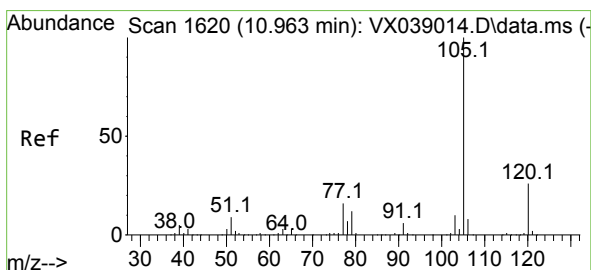
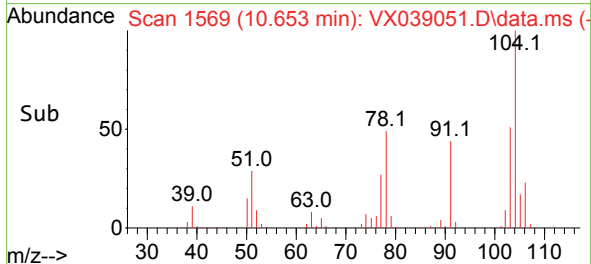
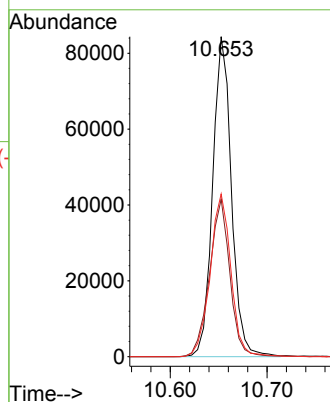
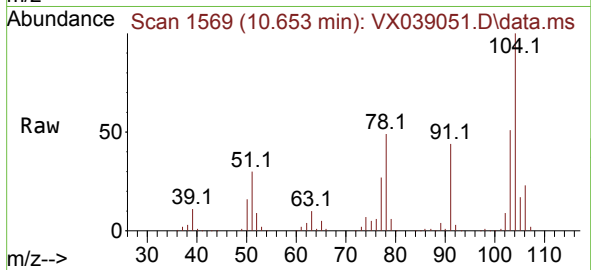
Tgt Ion:104 Resp: 113876

Ion Ratio Lower Upper

104 100

78 53.6 43.7 65.5

103 56.3 44.6 67.0



#70

Isopropylbenzene

Concen: 19.535 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039051.D

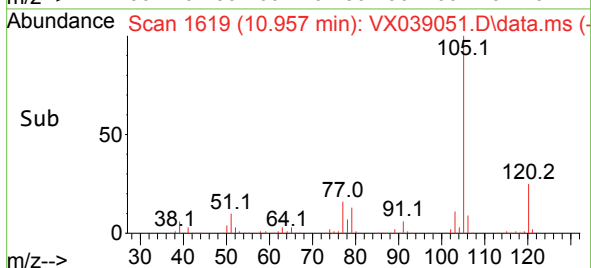
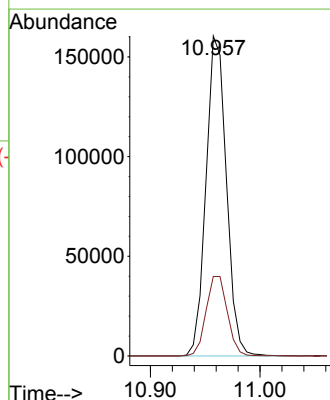
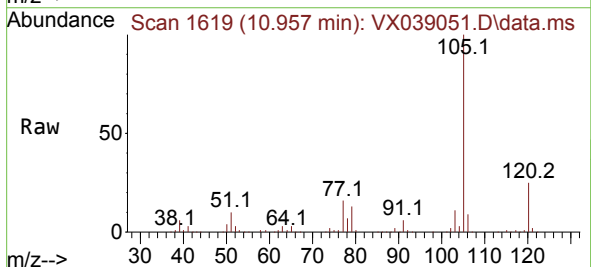
Acq: 29 Nov 2023 10:23

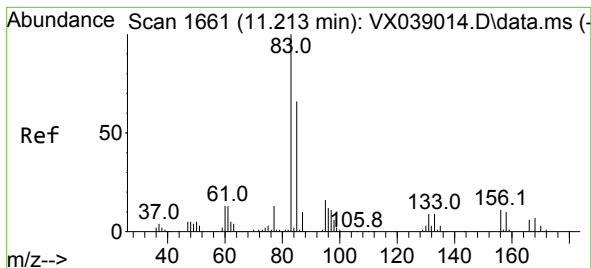
Tgt Ion:105 Resp: 207221

Ion Ratio Lower Upper

105 100

120 26.0 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 19.434 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039051.D

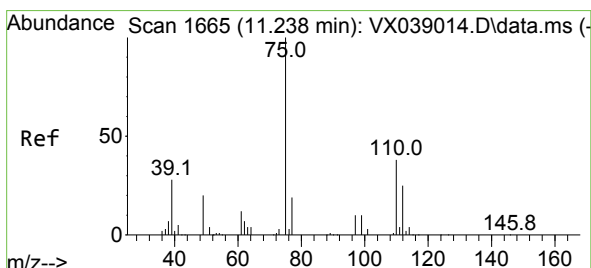
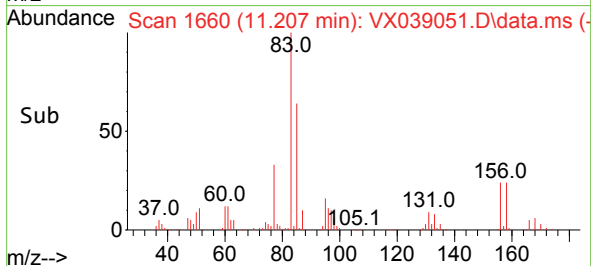
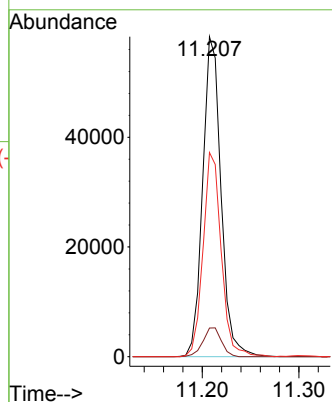
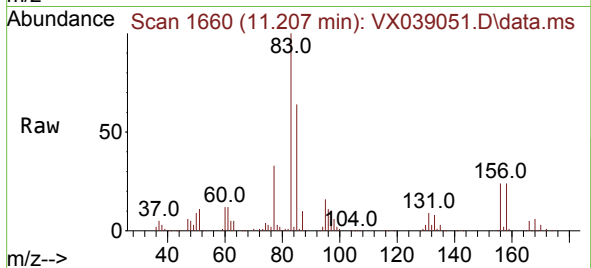
Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 76960
Ion Ratio	Lower Upper
83	100
131	9.1 4.6 13.8
85	63.4 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 26.299 ug/l

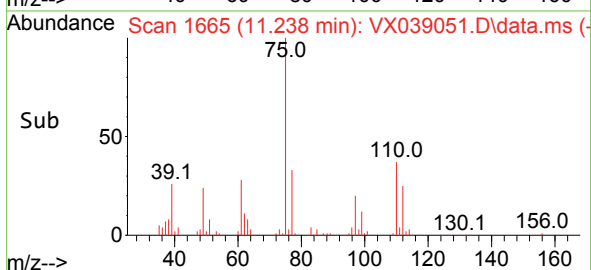
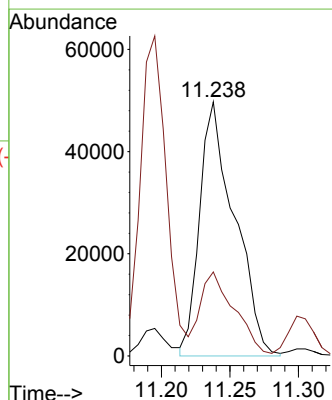
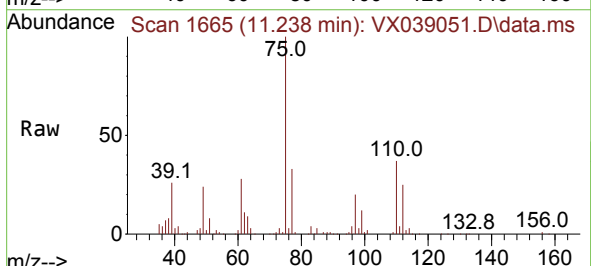
RT: 11.238 min Scan# 1665

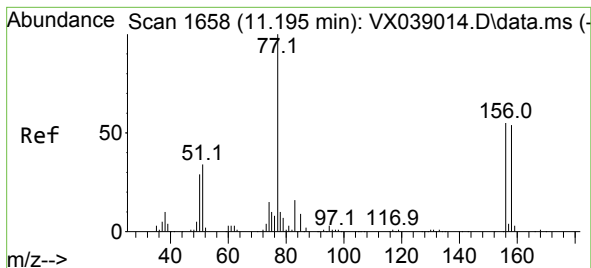
Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Tgt Ion: 75	Resp: 88127
Ion Ratio	Lower Upper
75	100
77	32.7 0.0 76.4





#73

Bromobenzene

Concen: 19.481 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

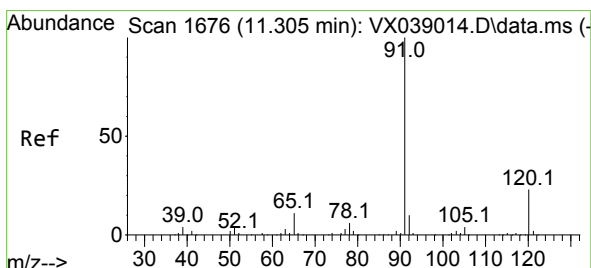
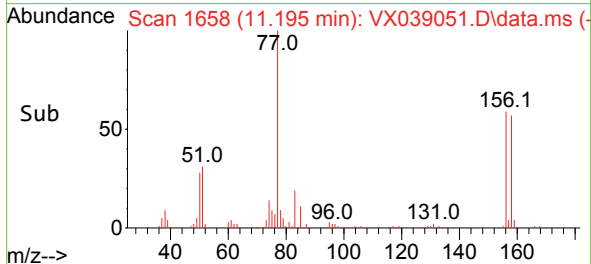
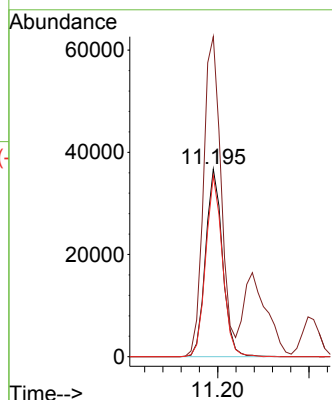
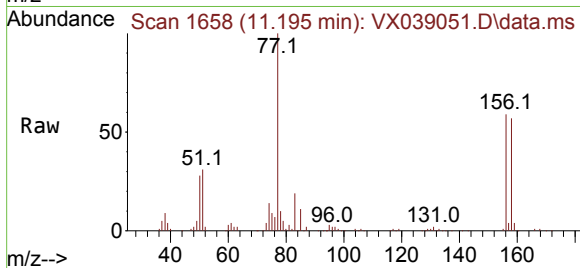
Tgt Ion:156 Resp: 47048

Ion Ratio Lower Upper

156 100

77 177.9 0.0 363.2

158 95.3 0.0 197.8



#74

n-propylbenzene

Concen: 19.669 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039051.D

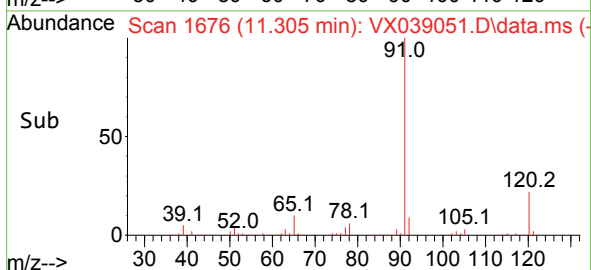
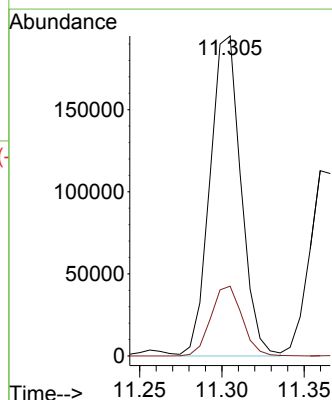
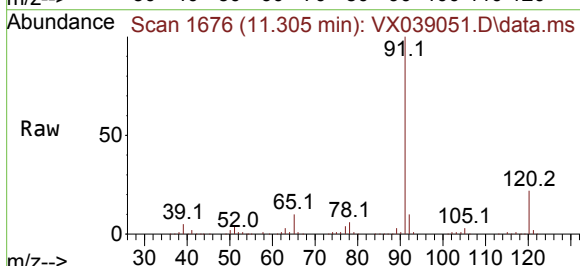
Acq: 29 Nov 2023 10:23

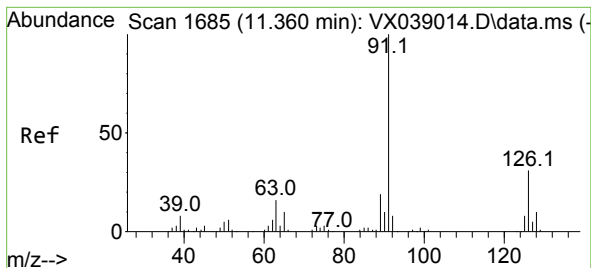
Tgt Ion: 91 Resp: 255635

Ion Ratio Lower Upper

91 100

120 22.0 0.0 43.4





#75

2-Chlorotoluene

Concen: 19.183 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

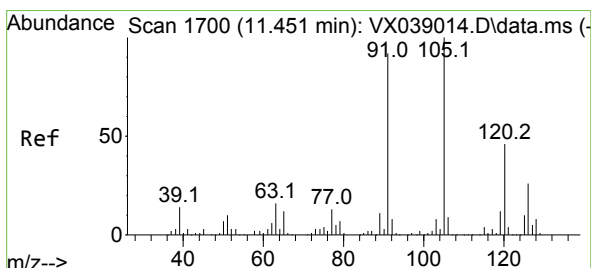
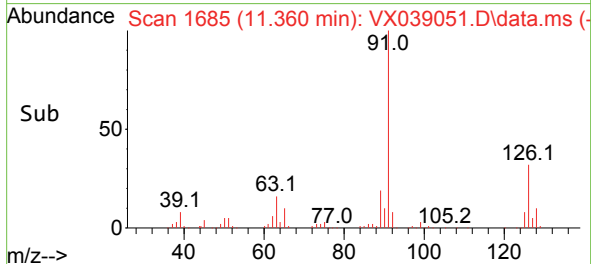
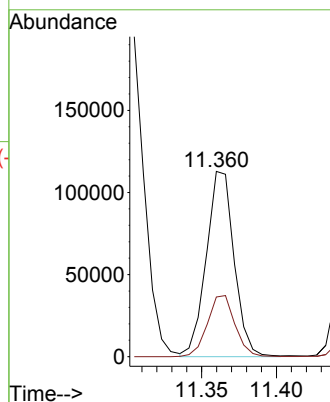
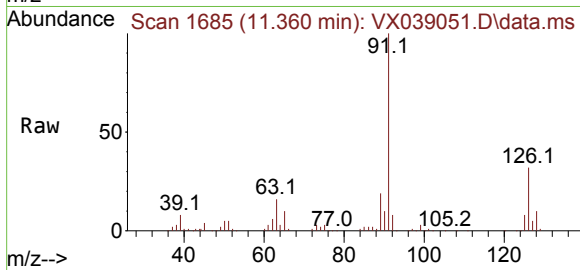
ClientSampleId :

Tgt Ion: 91 Resp: 146270

Ion Ratio Lower Upper

91 100

126 32.8 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 19.395 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039051.D

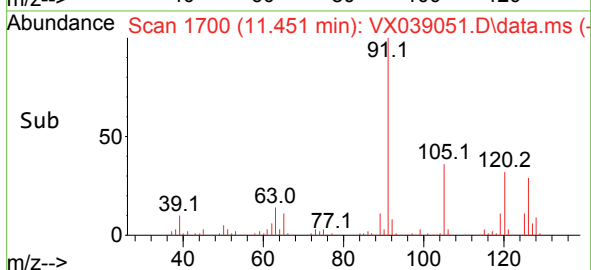
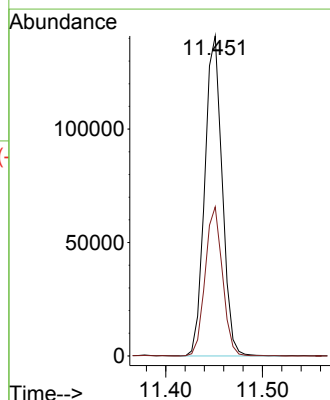
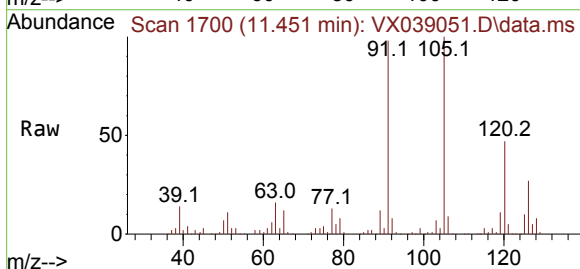
Acq: 29 Nov 2023 10:23

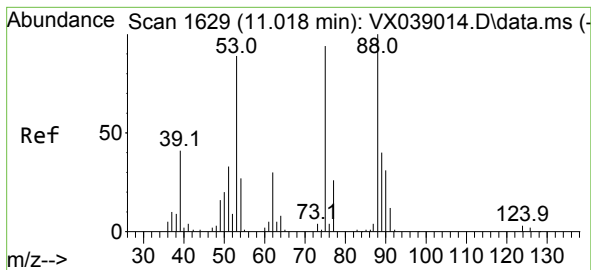
Tgt Ion: 105 Resp: 177244

Ion Ratio Lower Upper

105 100

120 46.2 0.0 92.6

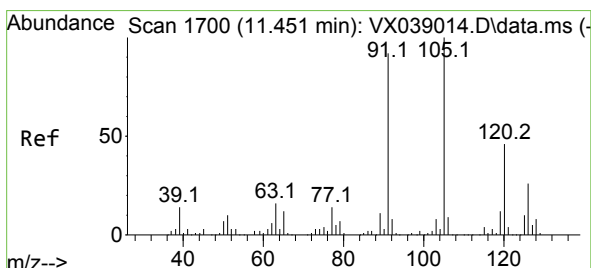
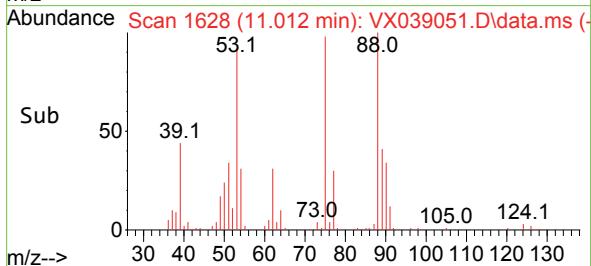
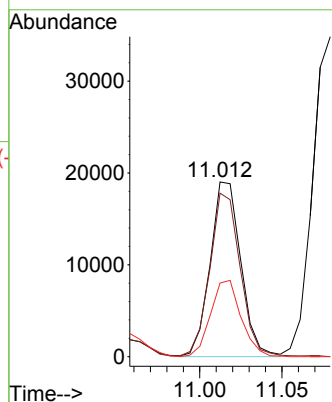
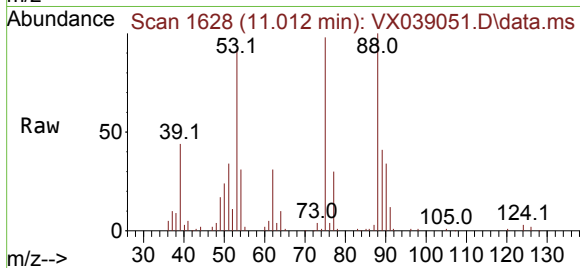




#77
t-1,4-Dichloro-2-butene
Concen: 18.591 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

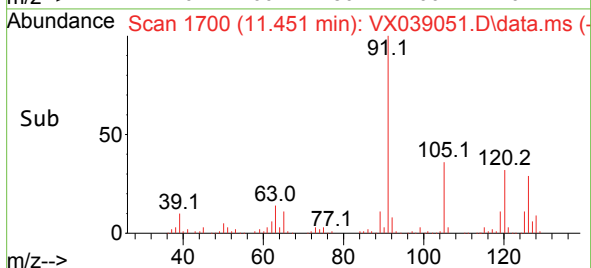
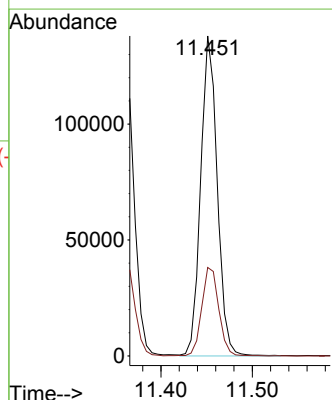
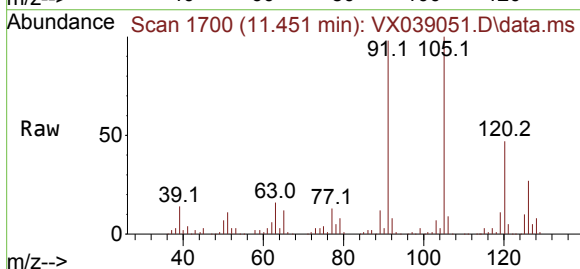
Instrument :
MSVOA_X
ClientSampleId :

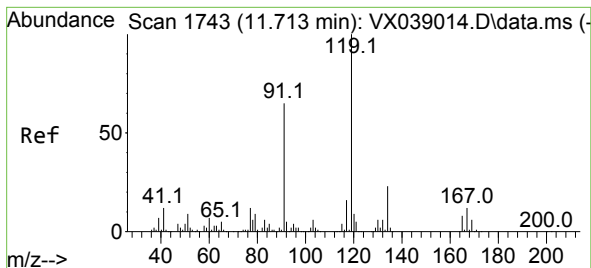
Tgt Ion: 75 Resp: 24685
Ion Ratio Lower Upper
75 100
53 93.5 46.9 140.8
89 42.3 21.3 63.7



#78
4-Chlorotoluene
Concen: 19.364 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion: 91 Resp: 173591
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4

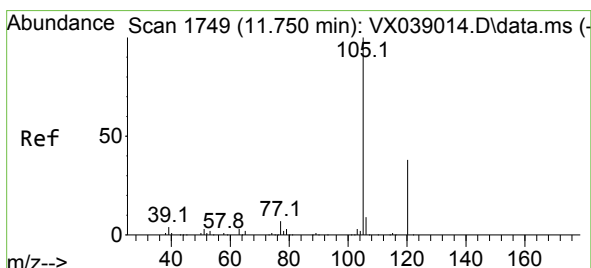
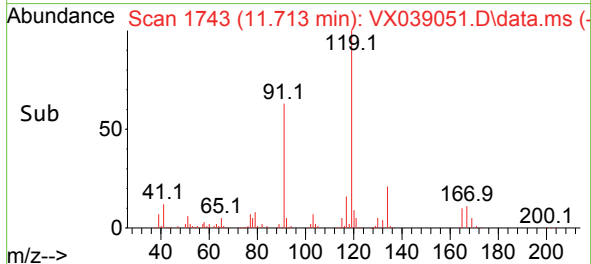
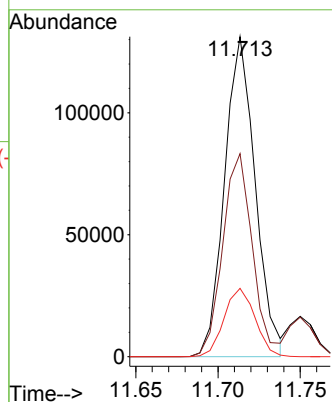
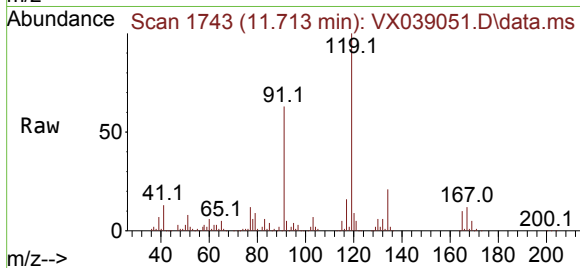




#79
tert-butylbenzene
Concen: 19.588 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

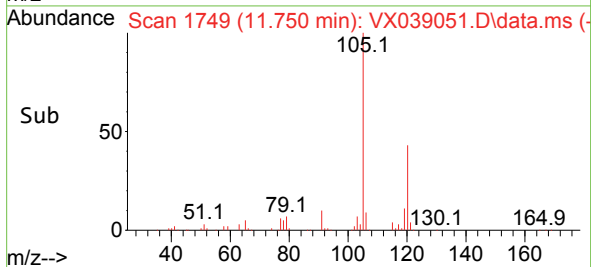
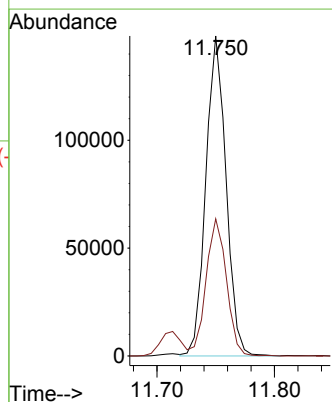
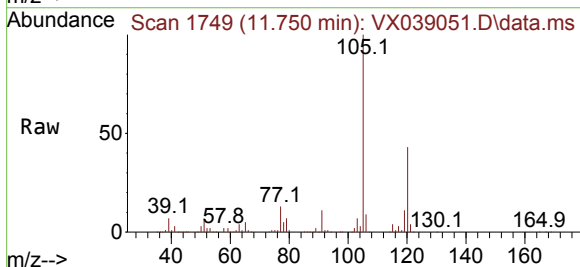
Instrument :
MSVOA_X
ClientSampleId :

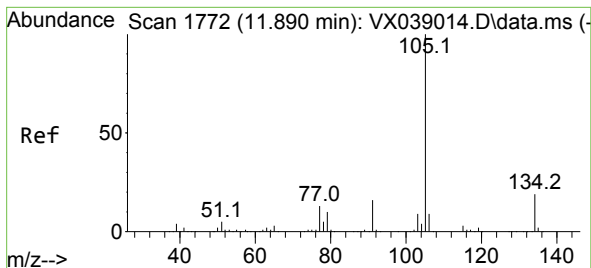
Tgt Ion:119 Resp: 170213
Ion Ratio Lower Upper
119 100
91 61.8 0.0 125.6
134 21.6 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 19.377 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

Tgt Ion:105 Resp: 177221
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.4





#81

sec-Butylbenzene

Concen: 19.398 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

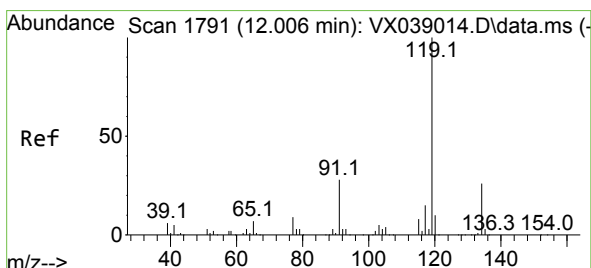
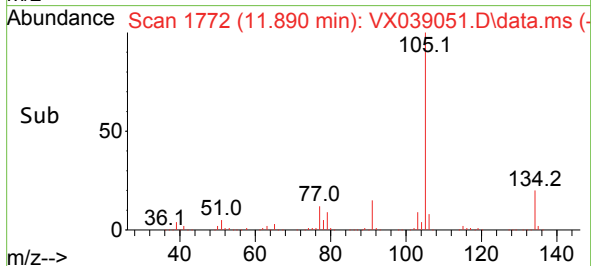
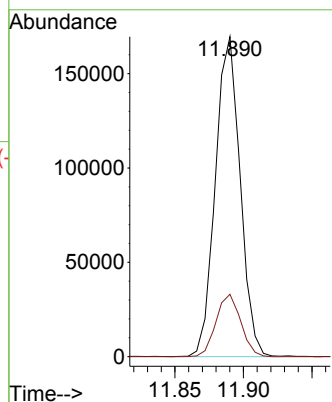
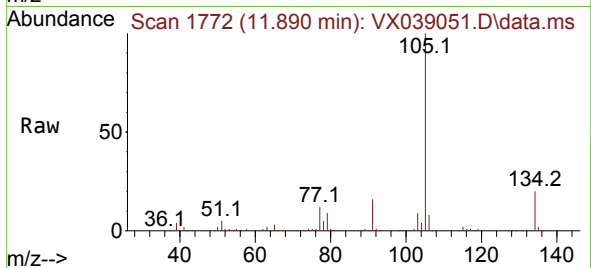
ClientSampleId :

Tgt Ion:105 Resp: 213090

Ion Ratio Lower Upper

105 100

134 19.5 0.0 38.4



#82

p-Isopropyltoluene

Concen: 19.411 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

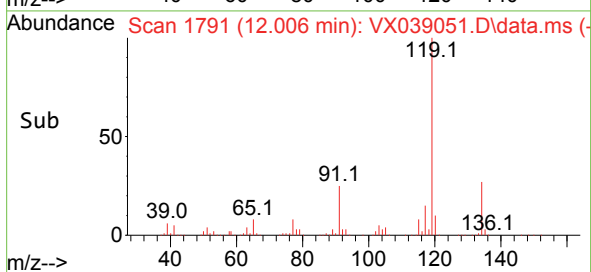
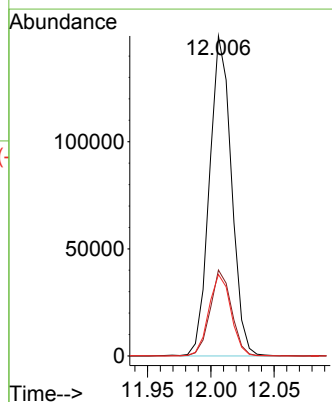
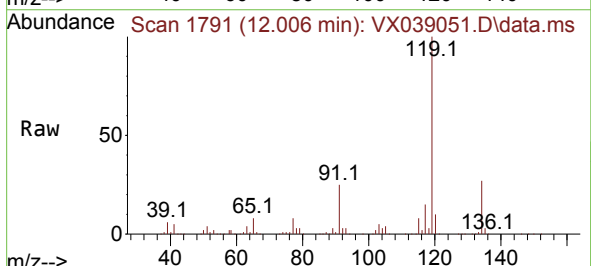
Tgt Ion:119 Resp: 180719

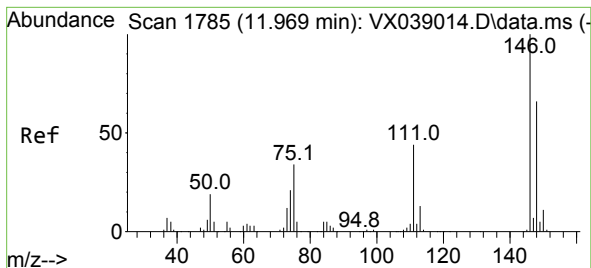
Ion Ratio Lower Upper

119 100

134 25.9 0.0 52.6

91 25.5 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.177 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

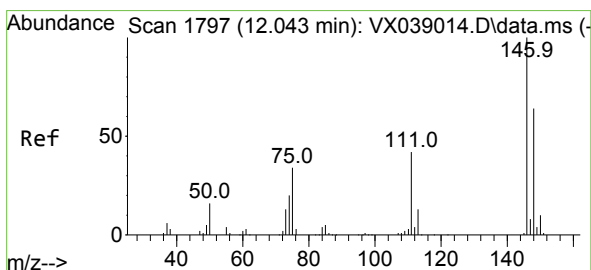
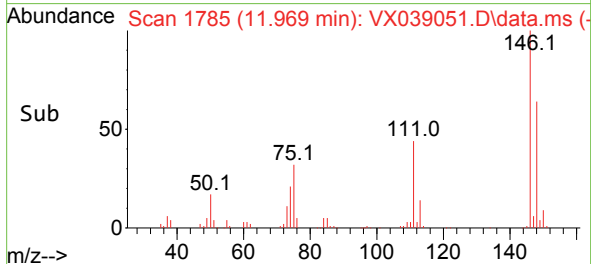
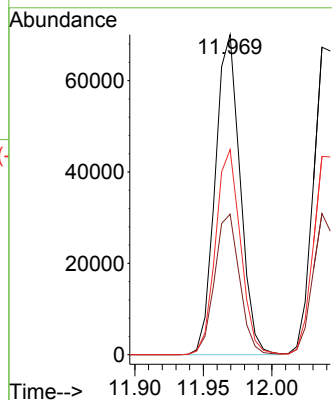
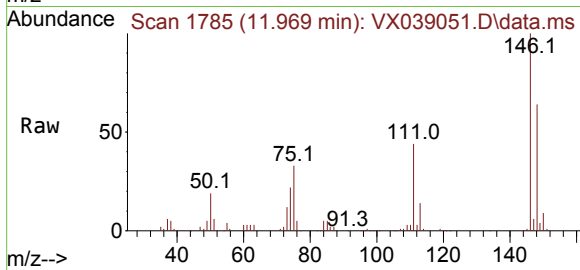
Tgt Ion:146 Resp: 88635

Ion Ratio Lower Upper

146 100

111 44.3 22.3 66.9

148 64.2 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 18.983 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

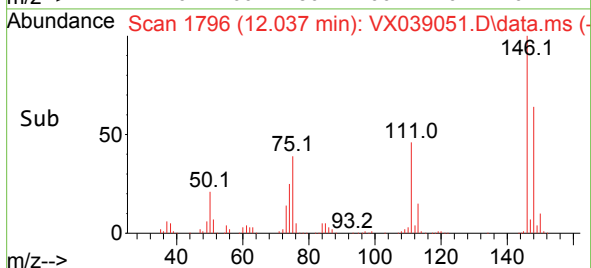
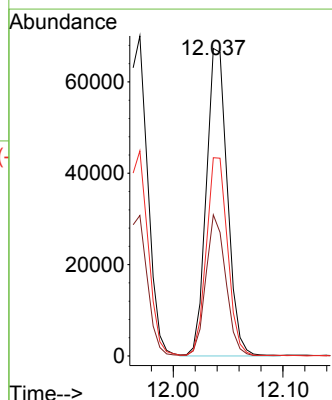
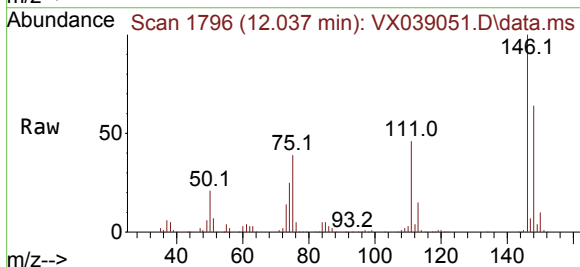
Tgt Ion:146 Resp: 90027

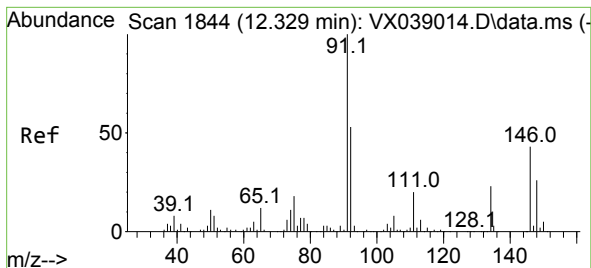
Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 64.9 31.8 95.4





#85

n-Butylbenzene

Concen: 19.258 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

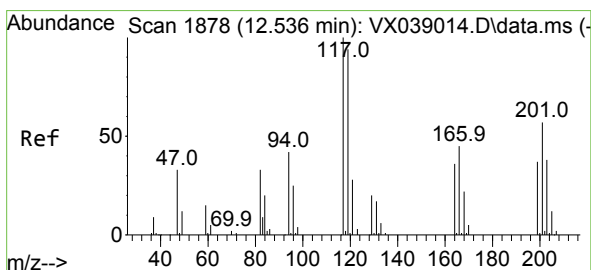
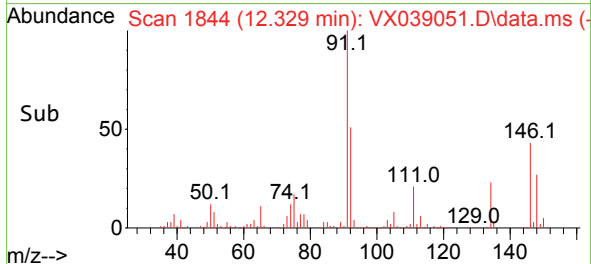
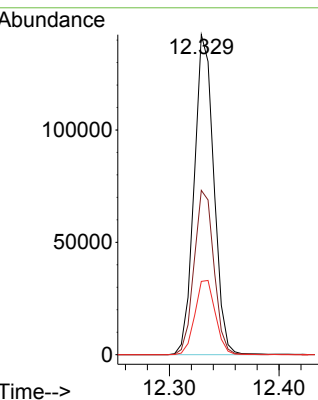
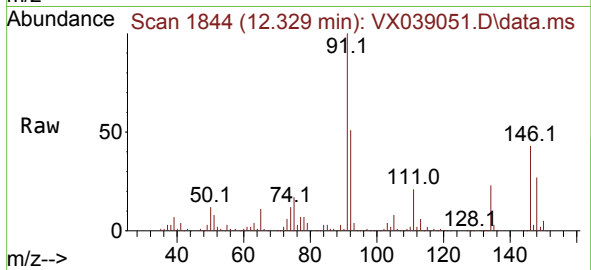
Tgt Ion: 91 Resp: 177063

Ion Ratio Lower Upper

91 100

92 51.8 0.0 106.2

134 24.2 0.0 48.8



#86

Hexachloroethane

Concen: 18.670 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039051.D

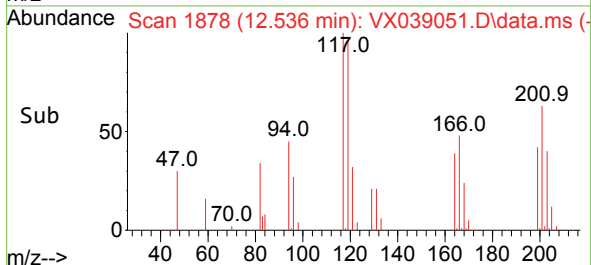
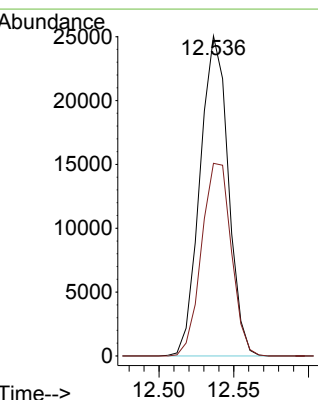
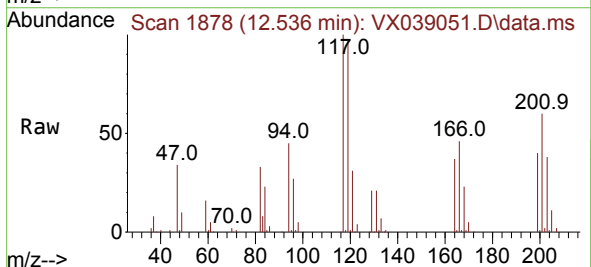
Acq: 29 Nov 2023 10:23

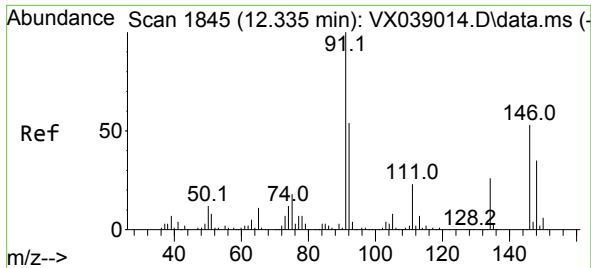
Tgt Ion: 117 Resp: 32935

Ion Ratio Lower Upper

117 100

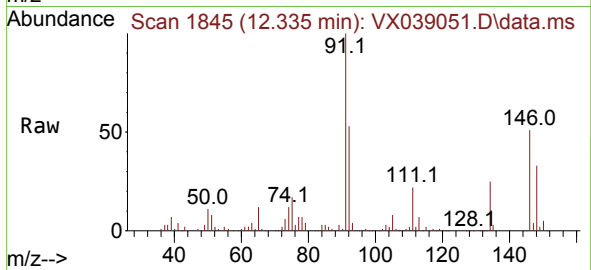
201 63.4 31.8 95.3



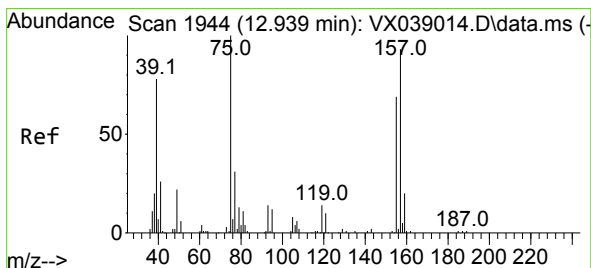
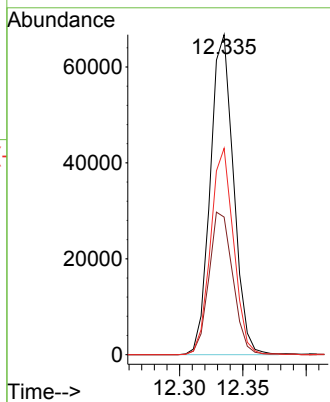
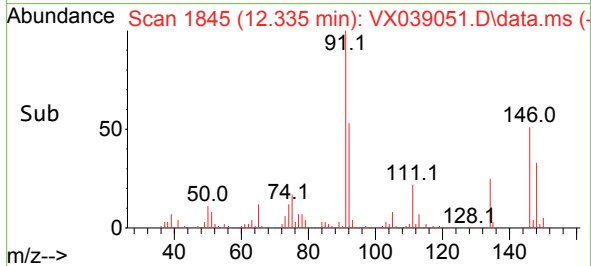


#87
 1,2-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23

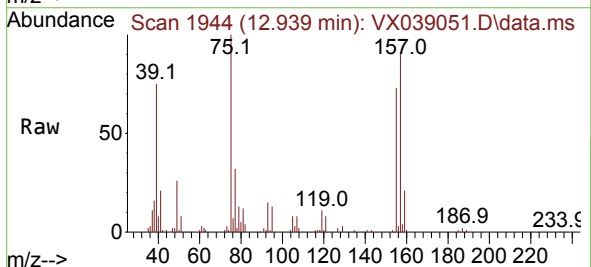
Instrument :
 MSVOA_X
 ClientSampleId :



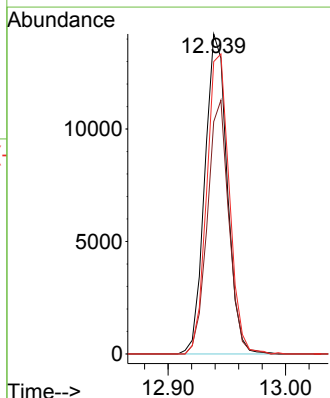
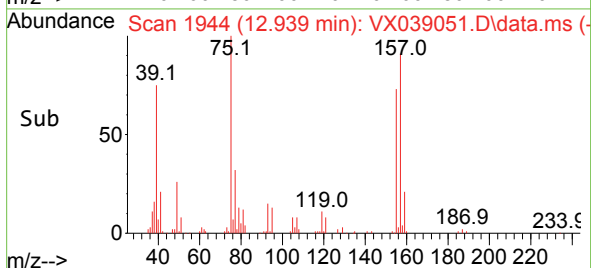
Tgt Ion:146 Resp: 85421
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.4 67.2
 148 63.7 31.9 95.7

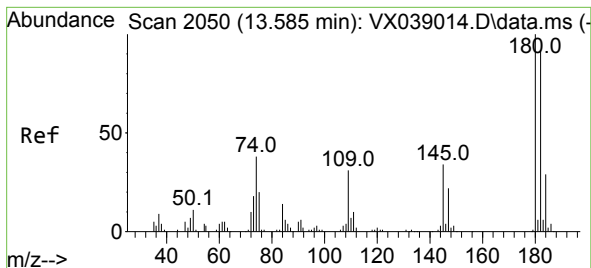


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.559 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039051.D
 Acq: 29 Nov 2023 10:23



Tgt Ion: 75 Resp: 18796
 Ion Ratio Lower Upper
 75 100
 155 76.3 58.2 87.4
 157 94.3 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 19.158 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

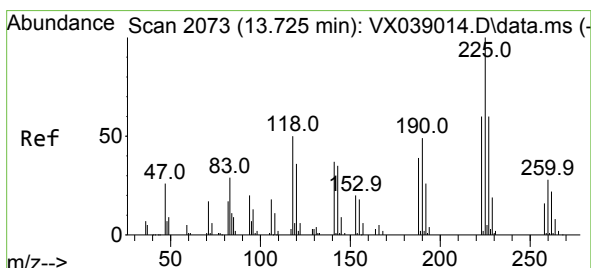
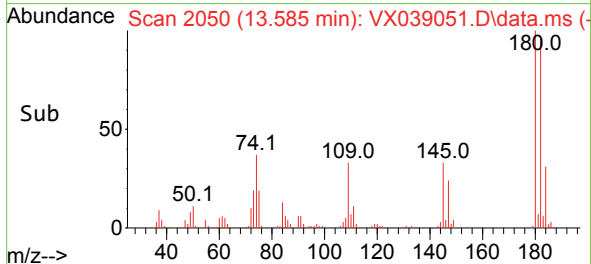
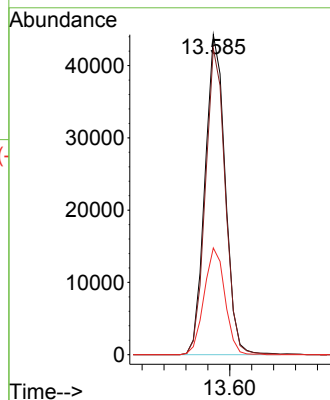
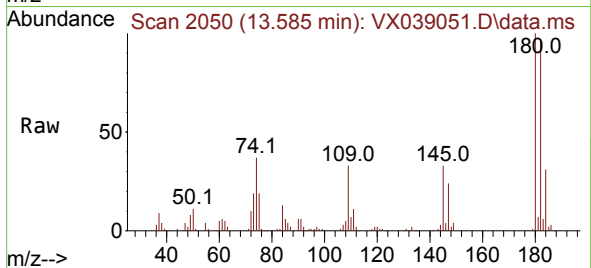
Tgt Ion:180 Resp: 56454

Ion Ratio Lower Upper

180 100

182 94.3 74.5 111.7

145 34.4 26.6 40.0



#90

Hexachlorobutadiene

Concen: 19.581 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039051.D

Acq: 29 Nov 2023 10:23

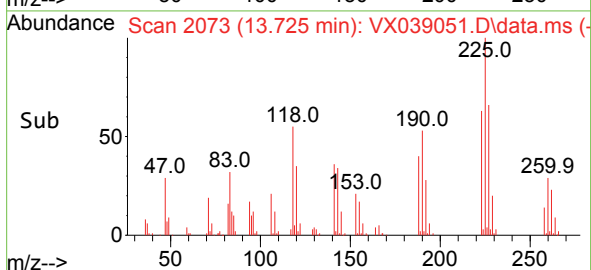
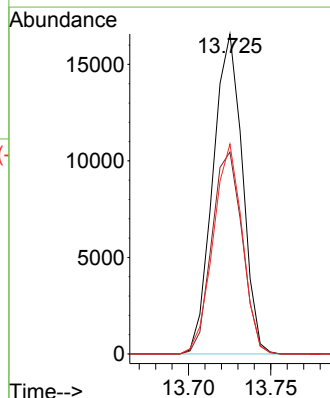
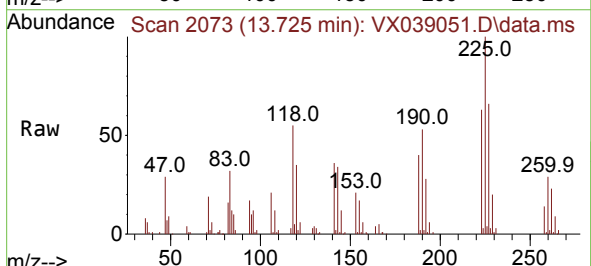
Tgt Ion:225 Resp: 20602

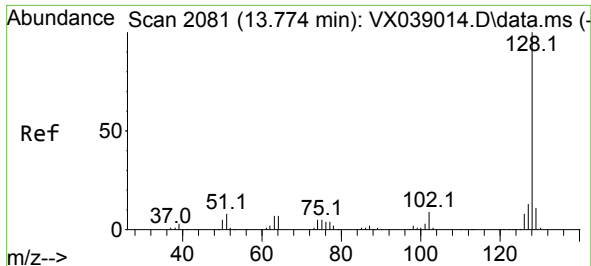
Ion Ratio Lower Upper

225 100

223 65.2 0.0 124.4

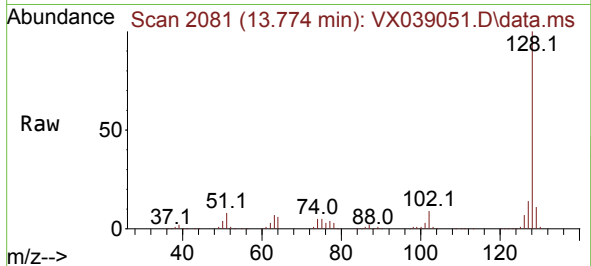
227 65.0 0.0 124.4



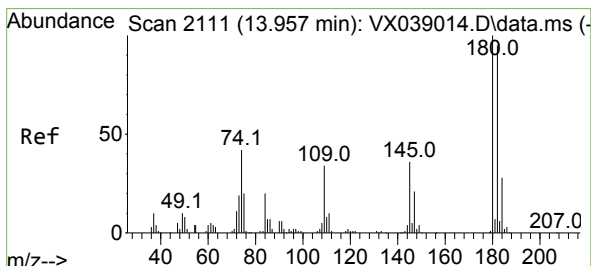
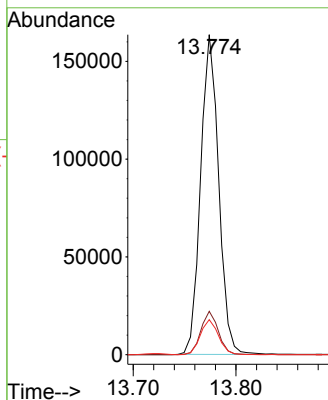
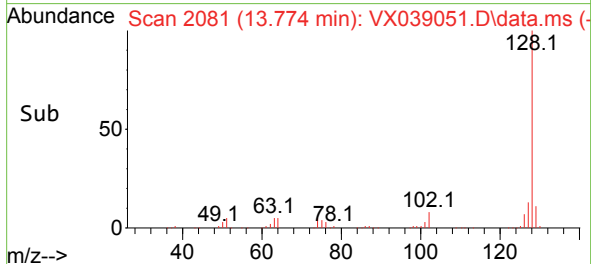


#91
Naphthalene
Concen: 18.393 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23

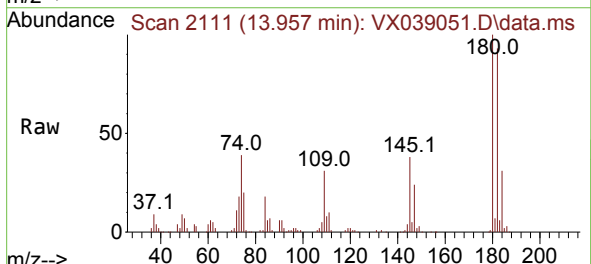
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 199883
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 19.489 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039051.D
Acq: 29 Nov 2023 10:23



Tgt Ion:180 Resp: 55625
Ion Ratio Lower Upper
180 100
182 91.8 0.0 191.6
145 35.4 0.0 69.6

