

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039095.D
 Acq On : 08 Dec 2023 10:43
 Operator : JC/MD
 Sample : VX1208WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 23:44:38 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	4.885	128	5557	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	91696	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	113262	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46850	61.626	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 205.433%#	
60) 4-Bromofluorobenzene	11.079	95	75278	30.430	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.433%	
63) Toluene-d8	8.647	98	136002	30.371	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	33012	39.690	ug/l	100
3) Chloromethane	1.295	50	38842	40.785	ug/l	97
4) Vinyl Chloride	1.374	62	38752	40.306	ug/l	96
5) Bromomethane	1.612	94	27033	45.970	ug/l	94
6) Chloroethane	1.691	64	24616	43.965	ug/l	97
7) Trichlorofluoromethane	1.892	101	53345	40.200	ug/l	92
8) Diethyl Ether	2.130	74	20297	39.847	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	34183	45.585	ug/l	97
10) 1,1-Dichloroethene	2.319	96	33465	44.273	ug/l	91
11) Methyl Iodide	2.453	142	30801	37.186	ug/l	93
12) Methyl Acetate	2.697	43	109054	46.259	ug/l	100
13) Acrolein	2.233	56	43673	211.468	ug/l	100
14) Acrylonitrile	3.056	53	128725	223.250	ug/l	98
15) Acetone	2.374	58	43227	206.246	ug/l	97
16) Carbon Disulfide	2.514	76	88724	38.757	ug/l	99
17) Allyl chloride	2.660	41	65783	43.840	ug/l	93
18) Methylene Chloride	2.788	84	38155	42.584	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	35996	42.106	ug/l	96
20) Diisopropyl ether	3.751	45	130608	45.738	ug/l #	95
21) 1,1-Dichloroethane	3.605	63	69946	44.056	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	42646	43.044	ug/l	97
23) tert-Butyl Alcohol	2.941	59	57477	180.064	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	120167	43.156	ug/l	100
25) Chloroform	5.087	83	69226	43.443	ug/l	88
26) Cyclohexane	5.465	56	61930	43.097	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	51890	20.187	ug/l	97
30) 2-Butanone	4.544	43	195300	100.913	ug/l	99
31) 2,2-Dichloropropane	4.471	77	60908	20.724	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	59948	20.178	ug/l	97
33) Carbon Tetrachloride	5.672	117	48317	19.307	ug/l	95
34) Benzene	6.038	78	152417	20.355	ug/l	99
35) Methacrylonitrile	4.910	41	36614	21.358	ug/l	96
36) 1,2-Dichloroethane	6.080	62	54924	19.990	ug/l	100
37) Trichloroethene	7.123	130	37899	19.942	ug/l	99
38) Methylcyclohexane	7.379	83	65441	20.432	ug/l	98
39) 1,2-Dichloropropane	7.428	63	41244	20.885	ug/l	100
40) Dibromomethane	7.580	93	28440	20.383	ug/l	98
41) Bromodichloromethane	7.818	83	54818	20.450	ug/l	97
42) Vinyl Acetate	3.715	43	480319	104.201	ug/l	100

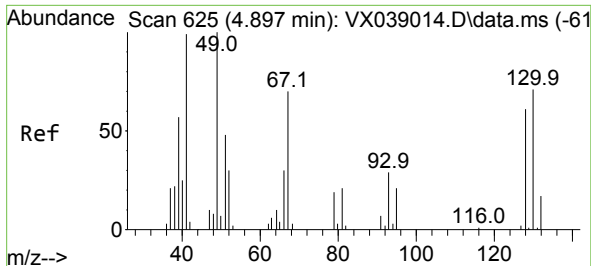
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	64949	19.507	ug/l	98
44) Isopropyl Acetate	6.336	43	107231	20.430	ug/l	100
45) 1,4-Dioxane	7.653	88	16749	312.584	ug/l	94
46) Methyl methacrylate	7.690	41	62154	20.711	ug/l	98
47) n-amyl Acetate	10.842	43	92150	20.743	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	62606	20.142	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	66380	20.702	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	40413	21.321	ug/l	99
51) Ethyl methacrylate	9.116	69	50515	21.290	ug/l	95
52) 1,3-Dichloropropane	9.305	76	68671	21.129	ug/l	99
53) Dibromochloromethane	9.519	129	40485	19.888	ug/l	99
54) 1,2-Dibromoethane	9.610	107	41933	20.174	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	142042	94.449	ug/l	98
56) Bromoform	10.799	173	27405	18.653	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	365243	106.341	ug/l	99
59) 2-Hexanone	9.427	43	297719	105.601	ug/l	99
61) Tetrachloroethene	9.269	164	29336	19.921	ug/l	93
62) Toluene	8.714	91	167731	20.859	ug/l	98
64) Chlorobenzene	10.080	112	100851	20.618	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	35948	20.407	ug/l	99
66) Ethyl Benzene	10.189	91	191036	20.863	ug/l	99
67) m/p-Xylenes	10.299	106	139264	41.160	ug/l	100
68) o-Xylene	10.640	106	68059	20.766	ug/l	100
69) Styrene	10.653	104	99189	20.449	ug/l	100
70) Isopropylbenzene	10.957	105	183871	20.968	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	69875	21.345	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	80704	29.134	ug/l	90
73) Bromobenzene	11.195	156	40260	20.165	ug/l	96
74) n-propylbenzene	11.305	91	225392	20.979	ug/l	99
75) 2-Chlorotoluene	11.360	91	132168	20.968	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	155726	20.614	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	22370	20.380	ug/l	95
78) 4-Chlorotoluene	11.451	91	153184	20.670	ug/l	99
79) tert-butylbenzene	11.713	119	148710	20.702	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	157365	20.813	ug/l	98
81) sec-Butylbenzene	11.890	105	190836	21.015	ug/l	99
82) p-Isopropyltoluene	12.006	119	157085	20.410	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	78062	20.431	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	78649	20.062	ug/l	99
85) n-Butylbenzene	12.329	91	161134	21.200	ug/l	98
86) Hexachloroethane	12.536	117	29483	20.217	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	75431	20.531	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	16391	19.578	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	49875	20.475	ug/l	99
90) Hexachlorobutadiene	13.725	225	18855	21.678	ug/l	98
91) Naphthalene	13.774	128	177813	19.793	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	48034	20.358	ug/l	98

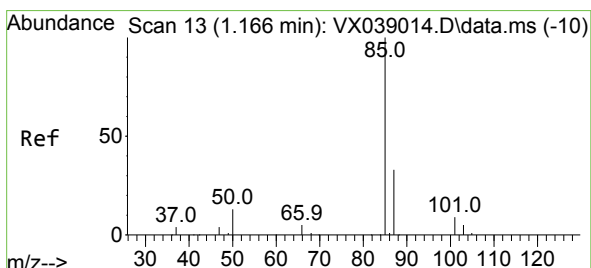
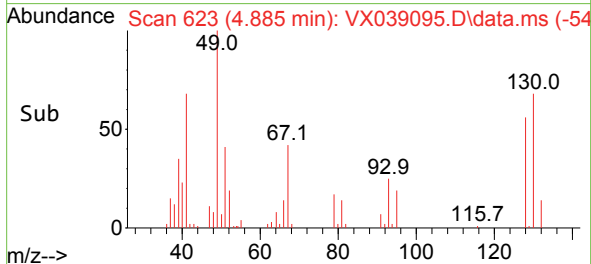
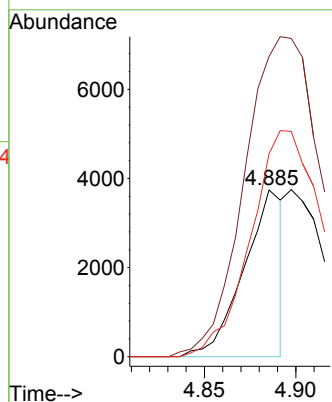
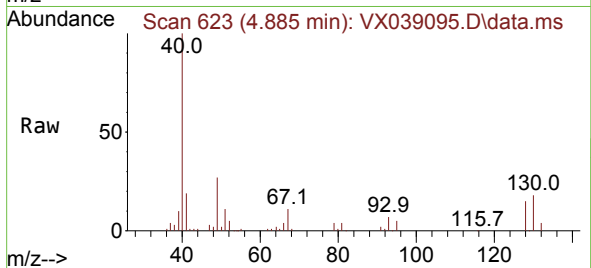
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

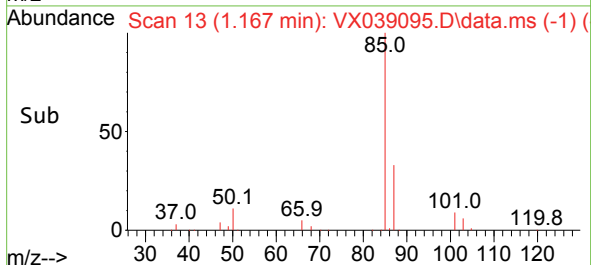
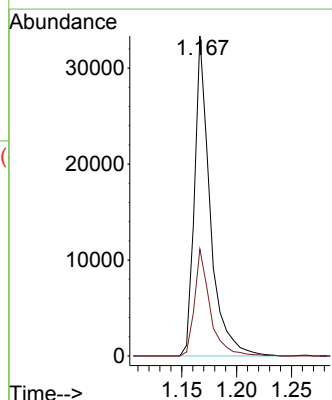
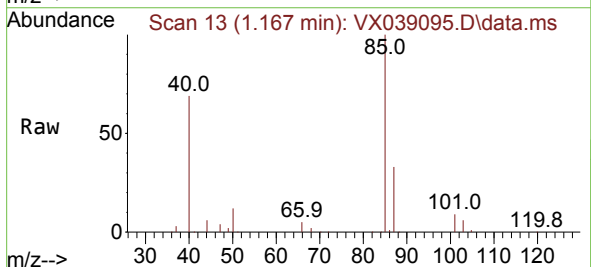
Instrument :
MSVOA_X
ClientSampleId :

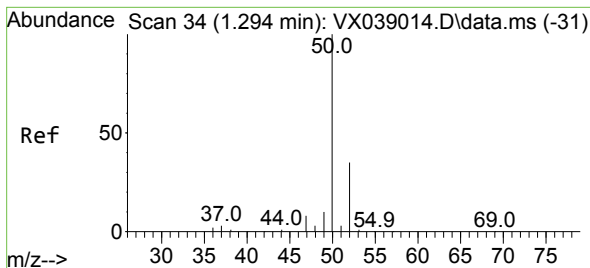
Tgt Ion:128 Resp: 5557
Ion Ratio Lower Upper
128 100
49 390.4 0.0 444.0
130 257.2 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 39.690 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 85 Resp: 33012
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 40.785 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

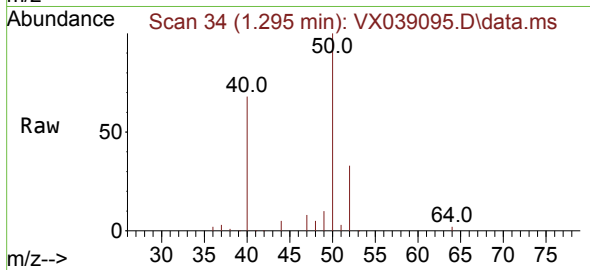
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Instrument :

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ClientSampleId :

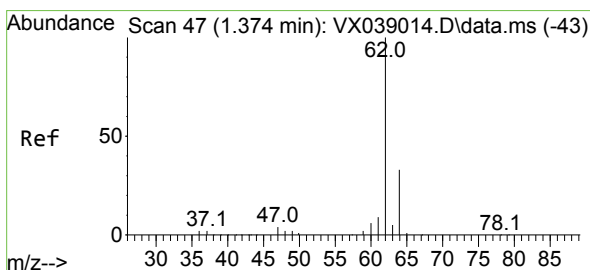
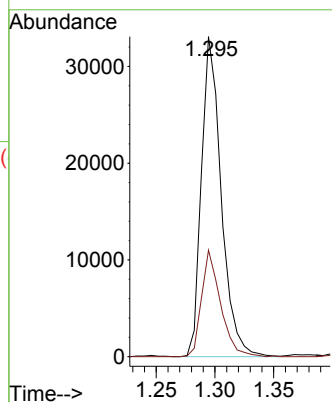
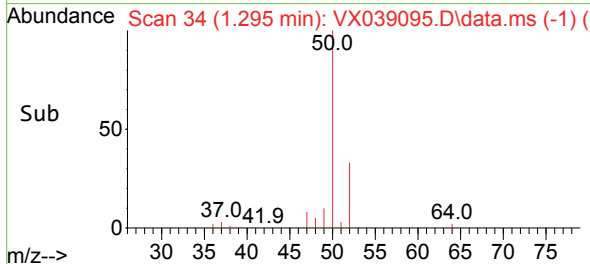


Tgt Ion: 50 Resp: 38842

Ion Ratio Lower Upper

50 100

52 33.3 27.8 41.8



#4

Vinyl Chloride

Concen: 40.306 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039095.D

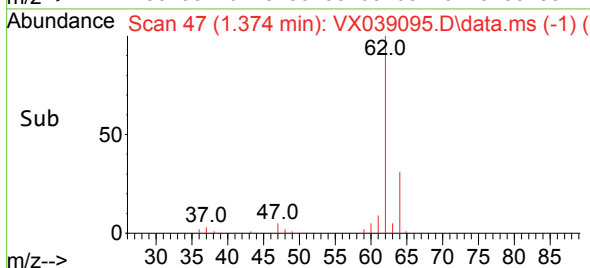
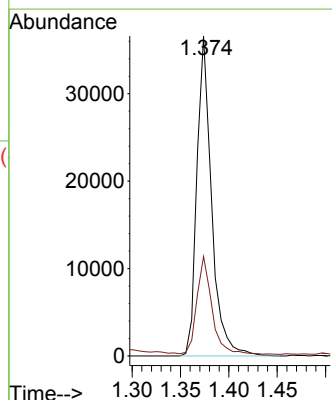
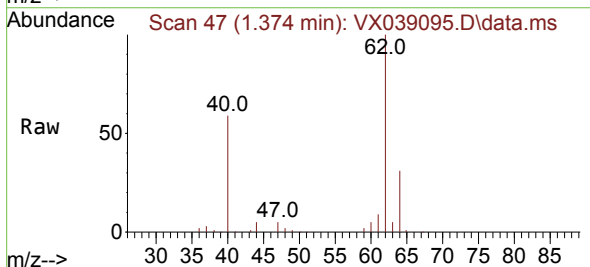
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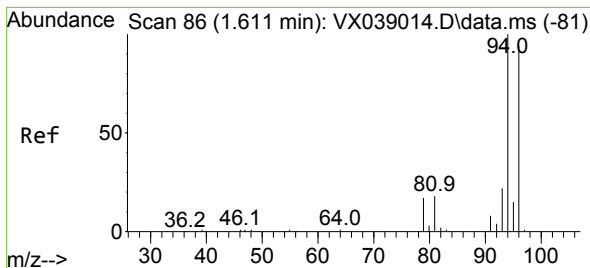
Tgt Ion: 62 Resp: 38752

Ion Ratio Lower Upper

62 100

64 30.6 26.3 39.5





#5

Bromomethane

Concen: 45.970 ug/l

RT: 1.612 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

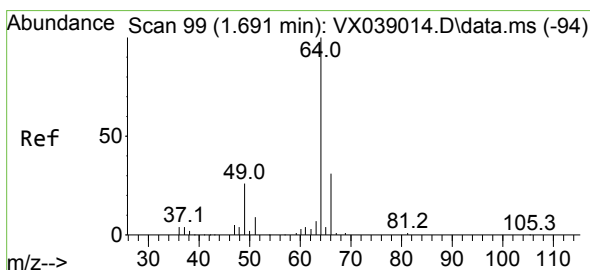
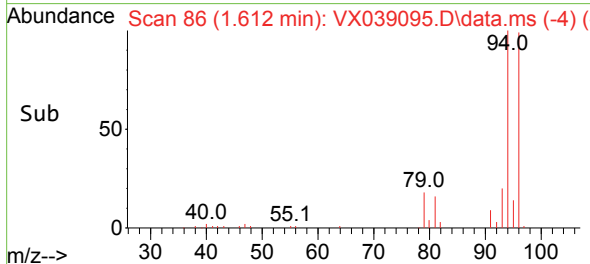
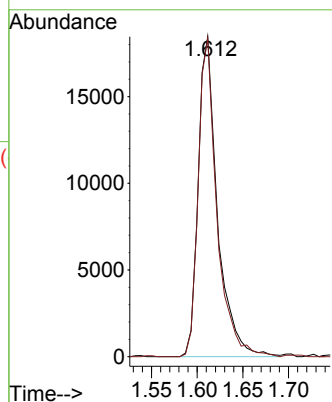
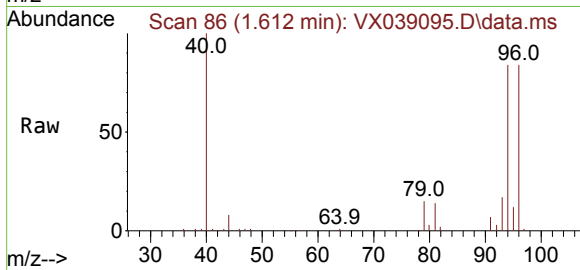
ClientSampleId :

Tgt Ion: 94 Resp: 27033

Ion Ratio Lower Upper

94 100

96 99.5 74.9 112.3



#6

Chloroethane

Concen: 43.965 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX039095.D

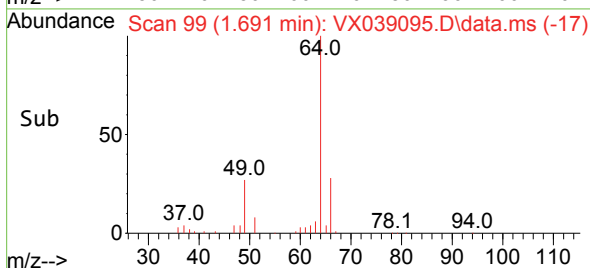
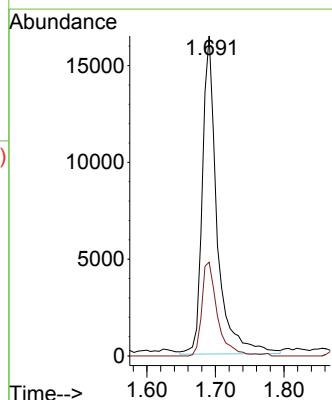
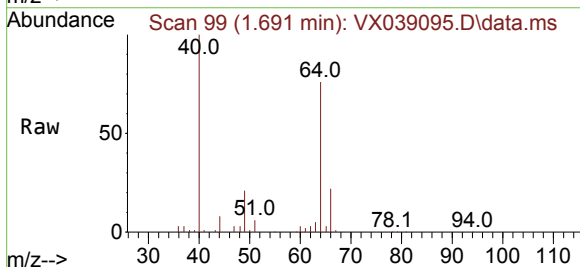
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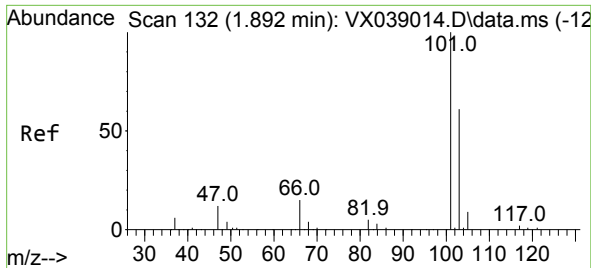
Tgt Ion: 64 Resp: 24616

Ion Ratio Lower Upper

64 100

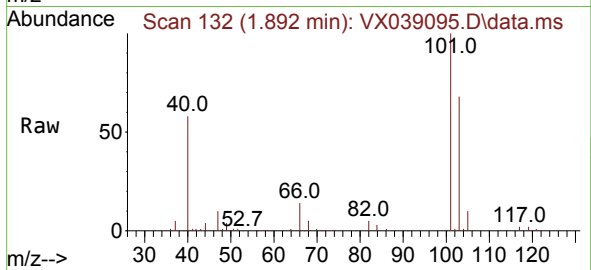
66 29.7 25.0 37.6



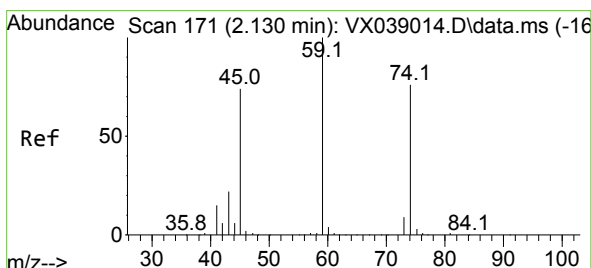
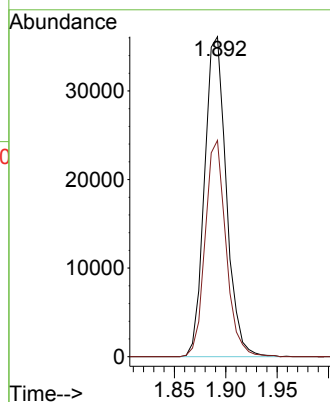
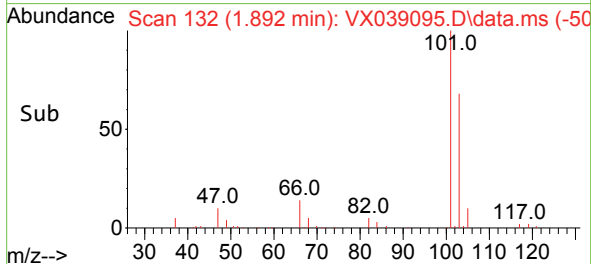


#7
 Trichlorofluoromethane
 Concen: 40.200 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Instrument :
 MSVOA_X
 ClientSampleId :

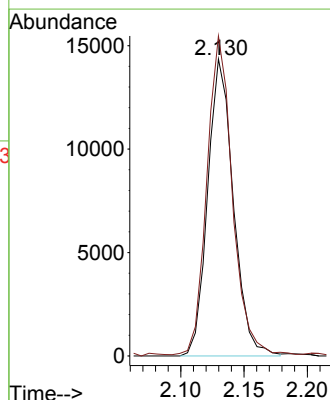
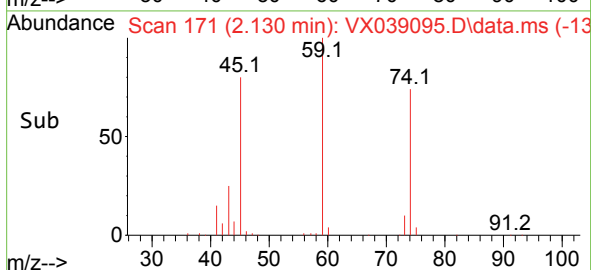
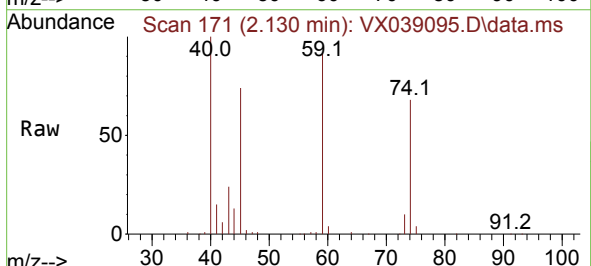


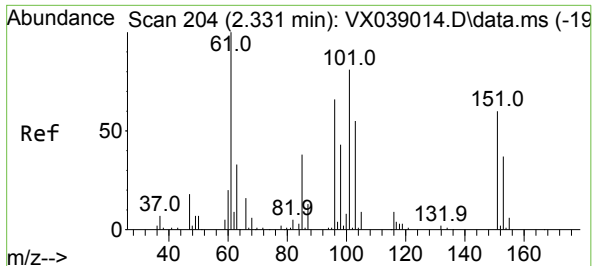
Tgt Ion:101 Resp: 53345
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.1 73.7



#8
 Diethyl Ether
 Concen: 39.847 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Tgt Ion: 74 Resp: 20297
 Ion Ratio Lower Upper
 74 100
 45 107.1 20.5 184.5

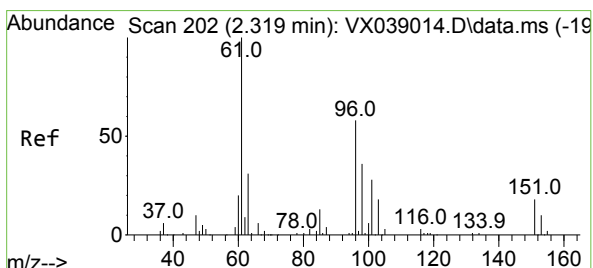
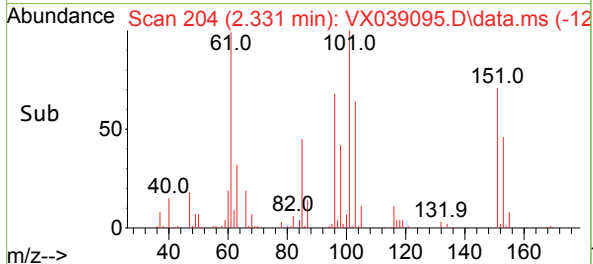
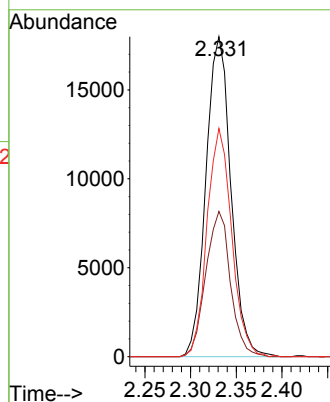
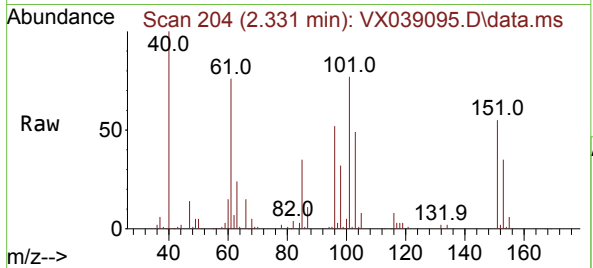




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.585 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

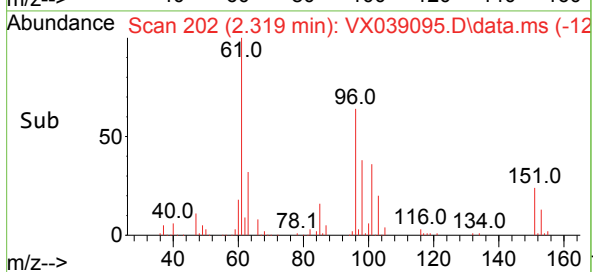
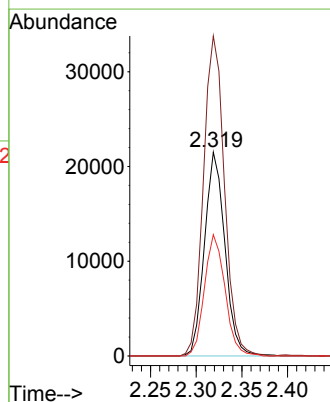
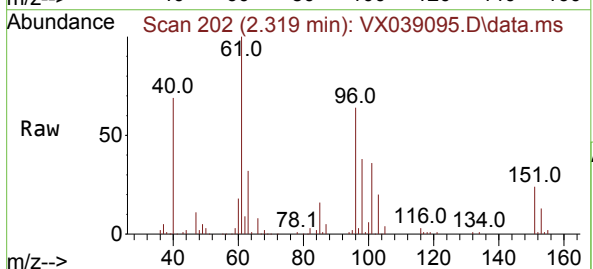
Instrument :
MSVOA_X
ClientSampleId :

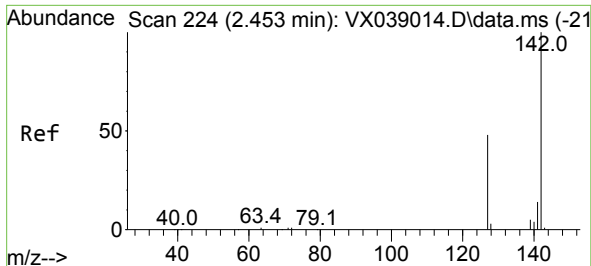
Tgt Ion:101 Resp: 34183
Ion Ratio Lower Upper
101 100
85 44.8 0.0 95.2
151 70.3 0.0 136.8



#10
1,1-Dichloroethene
Concen: 44.273 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

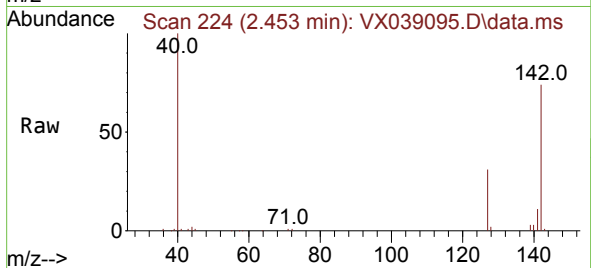
Tgt Ion: 96 Resp: 33465
Ion Ratio Lower Upper
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98 59.5 49.8 74.6



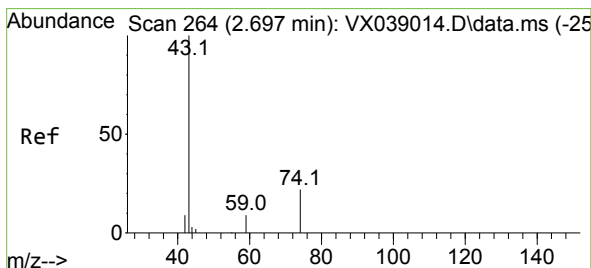
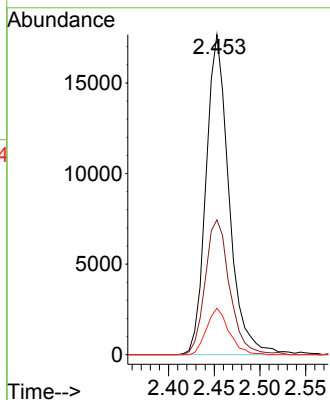
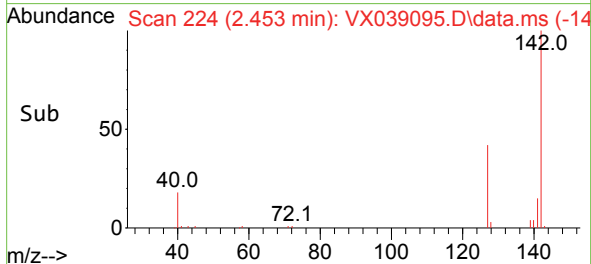


#11
Methyl Iodide
Concen: 37.186 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Instrument :
MSVOA_X
ClientSampleId :

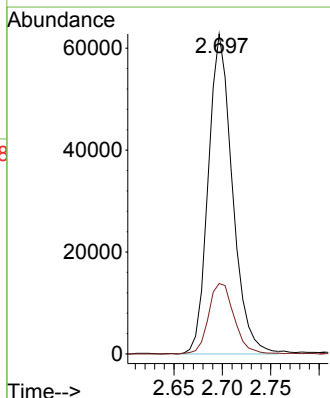
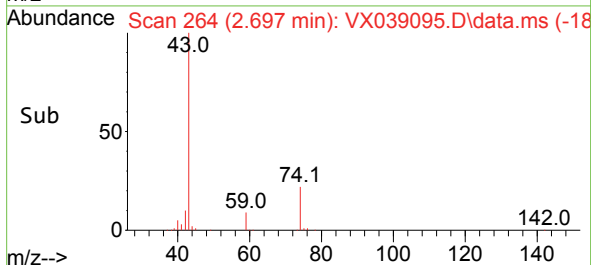
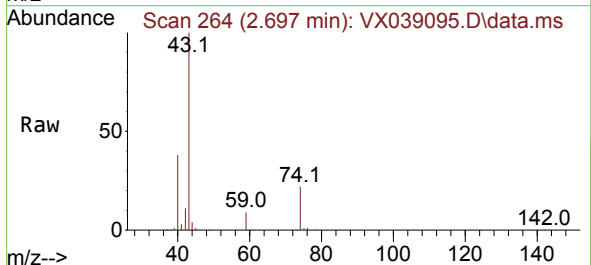


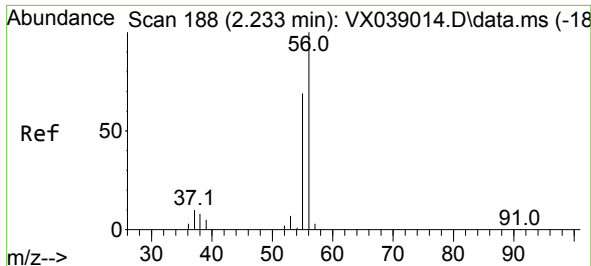
Tgt Ion:142 Resp: 30801
Ion Ratio Lower Upper
142 100
127 42.0 23.8 71.4
141 14.6 6.9 20.6



#12
Methyl Acetate
Concen: 46.259 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 43 Resp: 109054
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.6





#13

Acrolein

Concen: 211.468 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

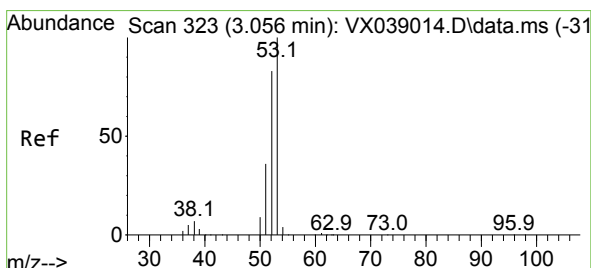
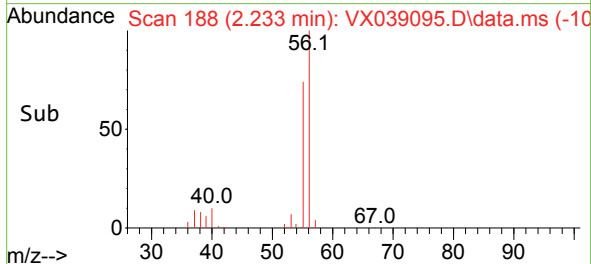
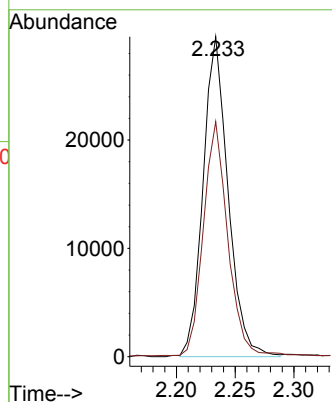
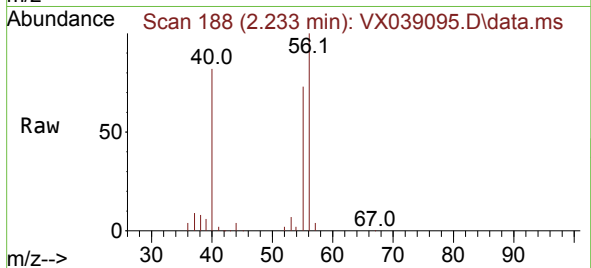
ClientSampleId :

Tgt Ion: 56 Resp: 43673

Ion Ratio Lower Upper

56 100

55 71.3 57.2 85.8



#14

Acrylonitrile

Concen: 223.250 ug/l

RT: 3.056 min Scan# 323

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

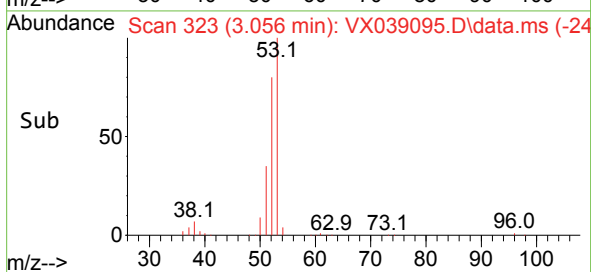
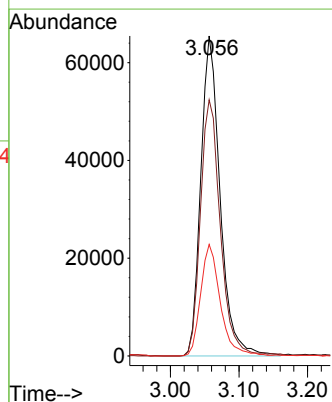
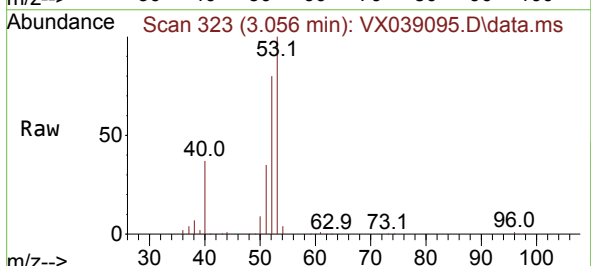
Tgt Ion: 53 Resp: 128725

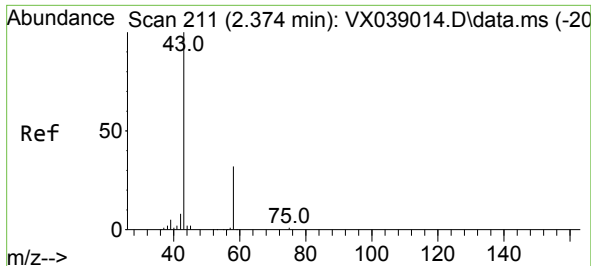
Ion Ratio Lower Upper

53 100

52 81.9 41.9 125.6

51 35.4 18.3 54.9

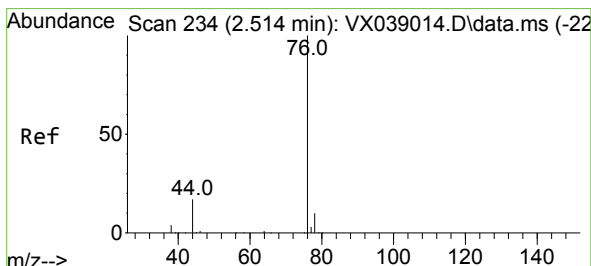
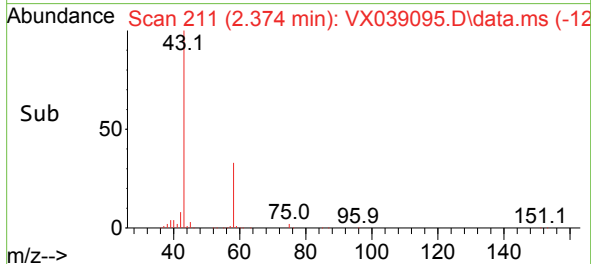
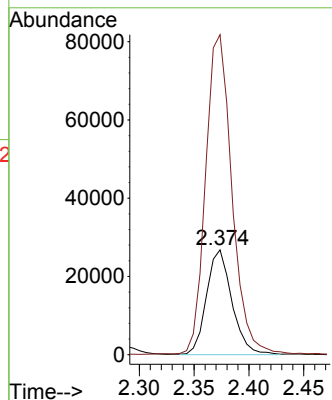
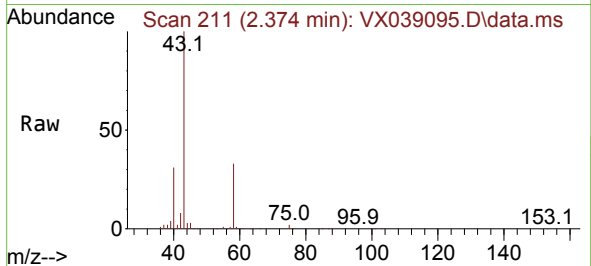




#15
Acetone
Concen: 206.246 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

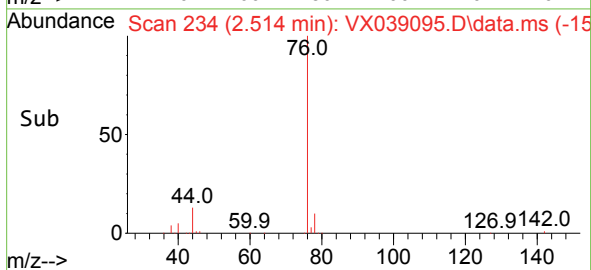
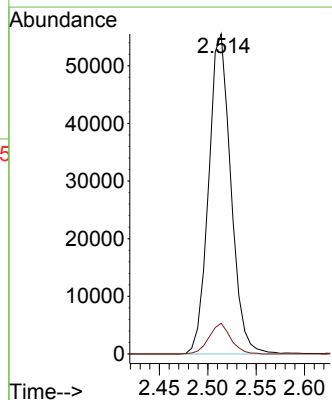
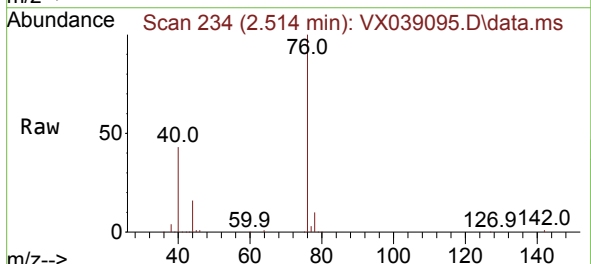
Instrument :
MSVOA_X
ClientSampleId :

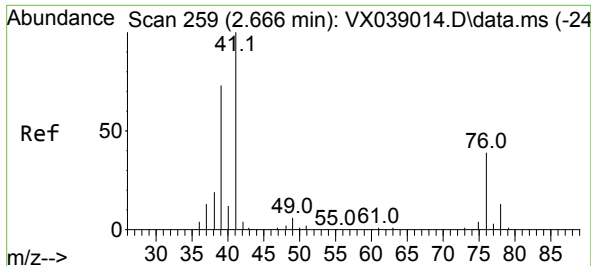
Tgt Ion: 58 Resp: 43227
Ion Ratio Lower Upper
58 100
43 305.4 249.9 374.9



#16
Carbon Disulfide
Concen: 38.757 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 76 Resp: 88724
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0





#17

Allyl chloride

Concen: 43.840 ug/l

RT: 2.660 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

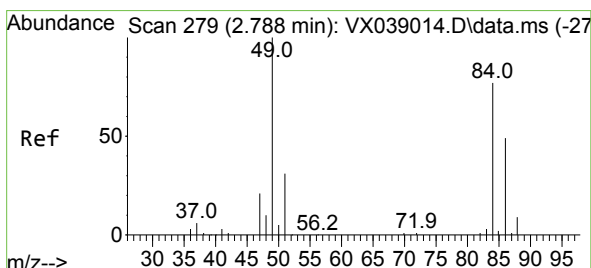
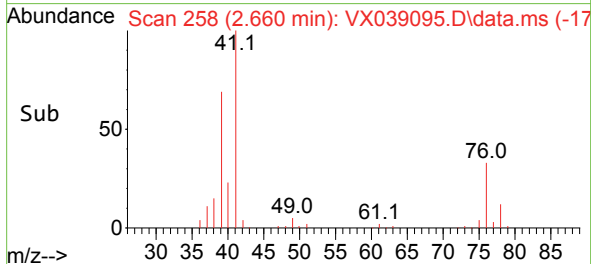
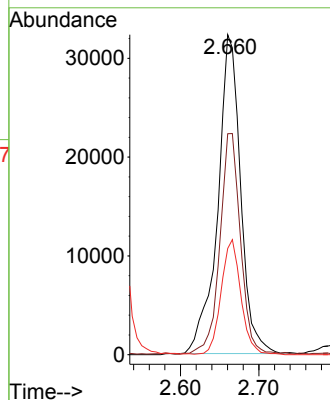
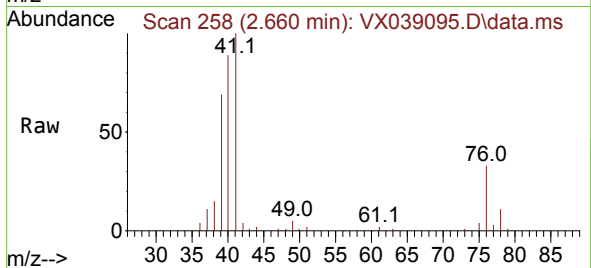
Tgt Ion: 41 Resp: 65783

Ion Ratio Lower Upper

41 100

39 69.1 36.5 109.5

76 33.1 19.7 59.0



#18

Methylene Chloride

Concen: 42.584 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Tgt Ion: 84 Resp: 38155

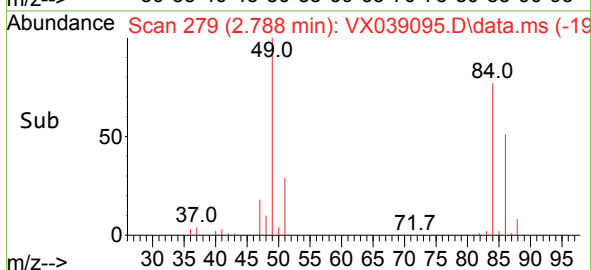
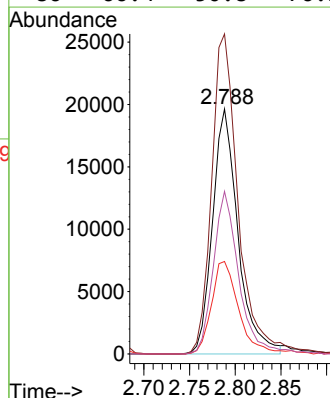
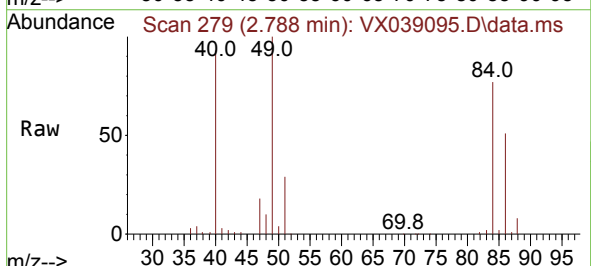
Ion Ratio Lower Upper

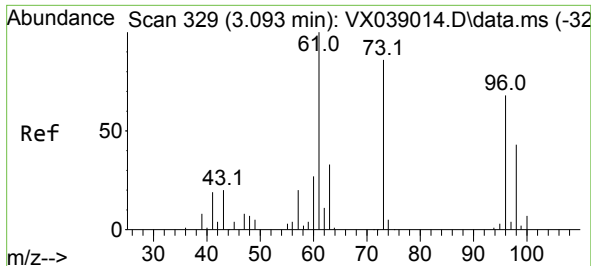
84 100

49 130.6 103.8 155.8

51 37.8 31.8 47.6

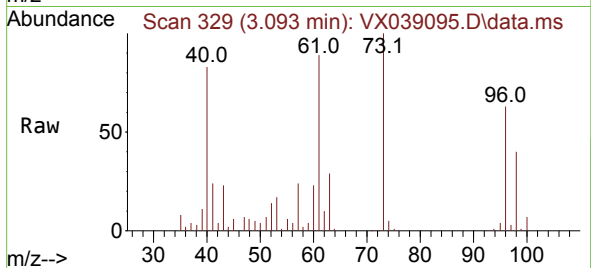
86 66.4 50.8 76.2



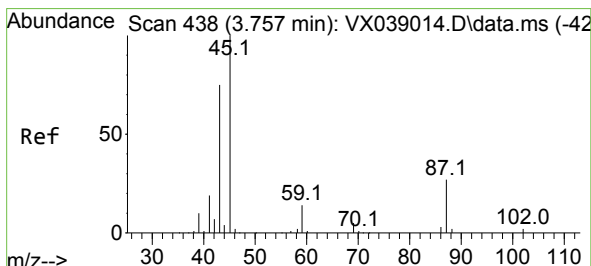
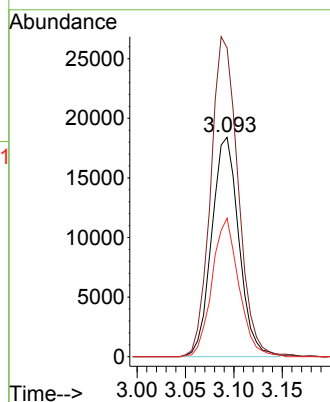
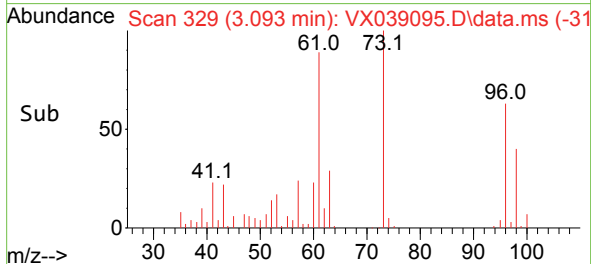


#19
trans-1,2-Dichloroethene
Concen: 42.106 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

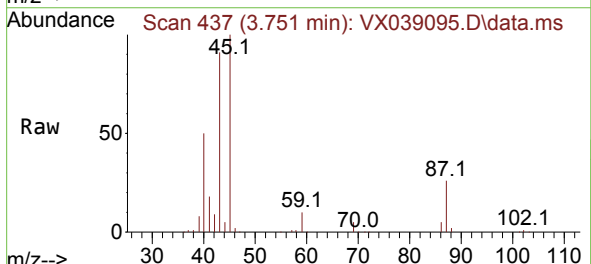
Instrument :
MSVOA_X
ClientSampleId :



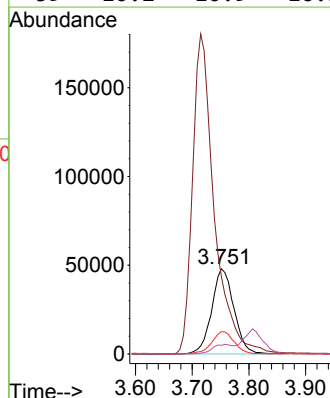
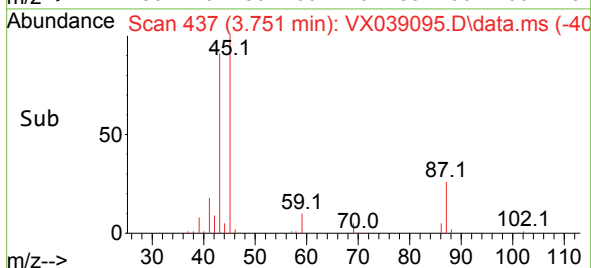
Tgt Ion: 96 Resp: 35996
Ion Ratio Lower Upper
96 100
61 140.7 117.9 176.9
98 63.0 51.0 76.6

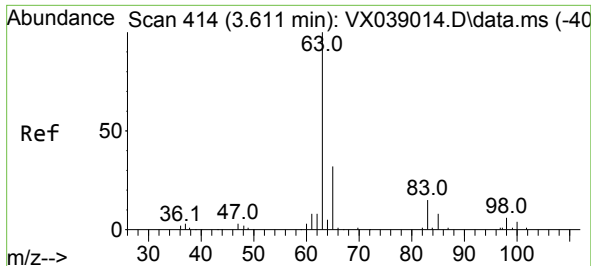


#20
Diisopropyl ether
Concen: 45.738 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43



Tgt Ion: 45 Resp: 130608
Ion Ratio Lower Upper
45 100
43 89.4 67.7 101.5
87 26.2 21.5 32.3
59 10.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 44.056 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039095.D

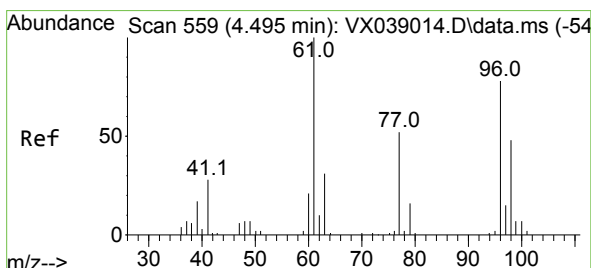
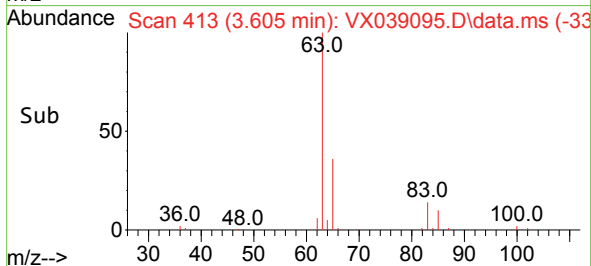
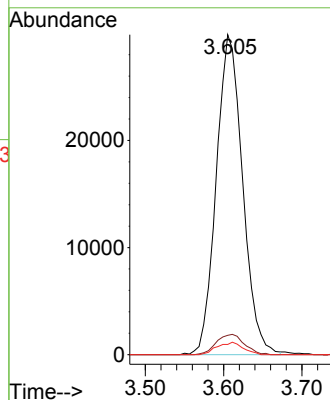
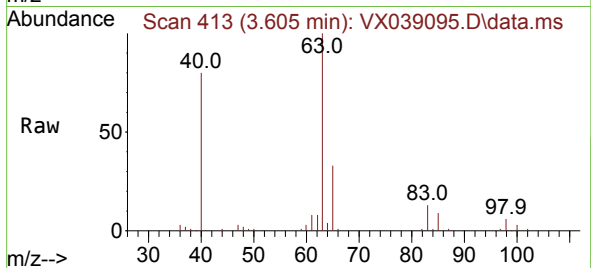
Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	69946
Ion Ratio	Lower	Upper	
63	100		
98	6.1	2.9	8.8
100	3.2	2.0	5.8



#22

cis-1,2-Dichloroethene

Concen: 43.044 ug/l

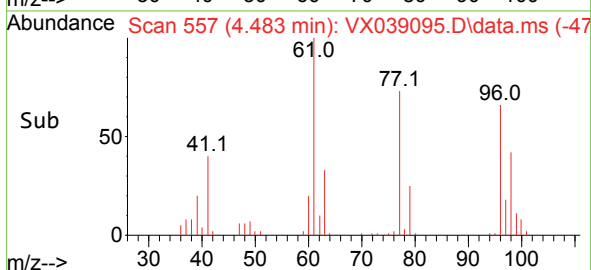
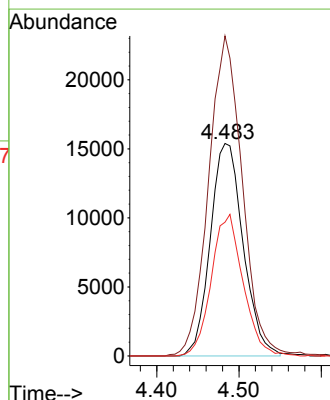
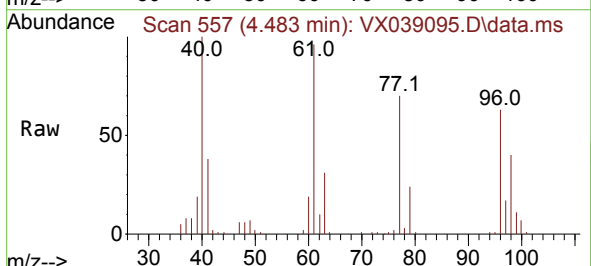
RT: 4.483 min Scan# 557

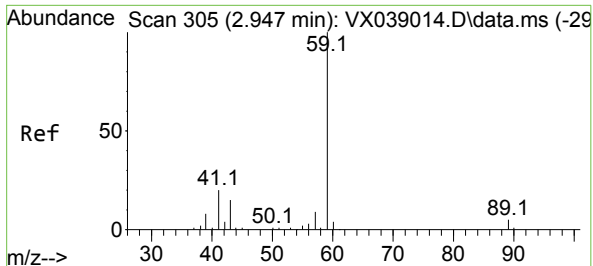
Delta R.T. -0.012 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Tgt Ion:	96	Resp:	42646
Ion Ratio	Lower	Upper	
96	100		
61	154.3	119.8	179.6
98	64.5	50.9	76.3

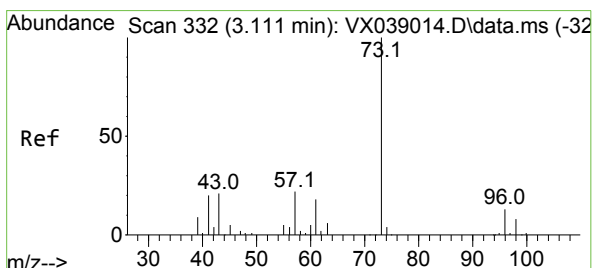
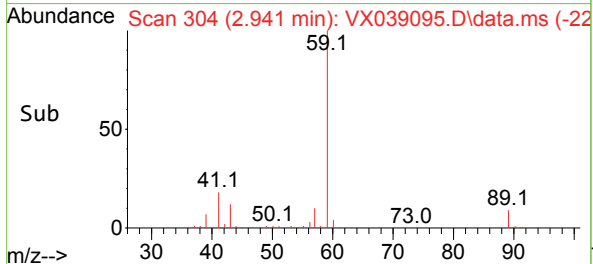
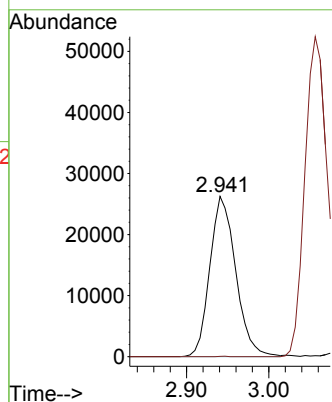
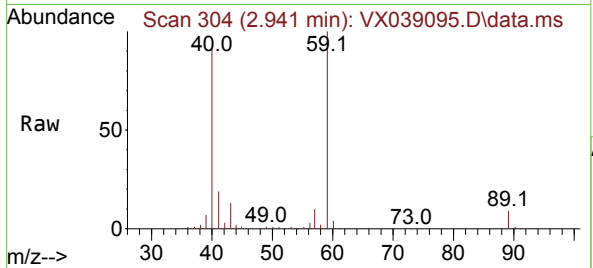




#23
tert-Butyl Alcohol
Concen: 180.064 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

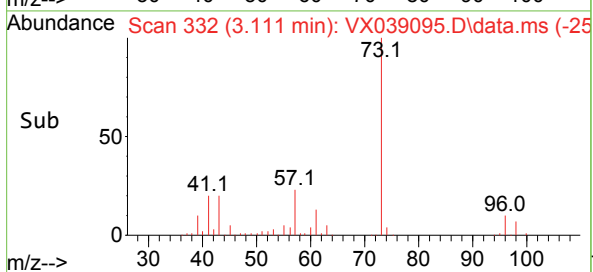
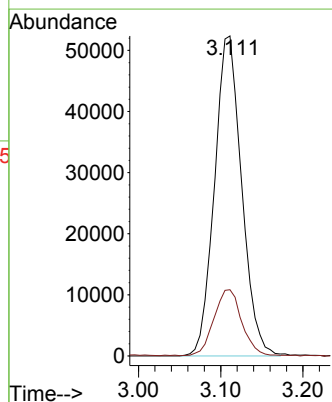
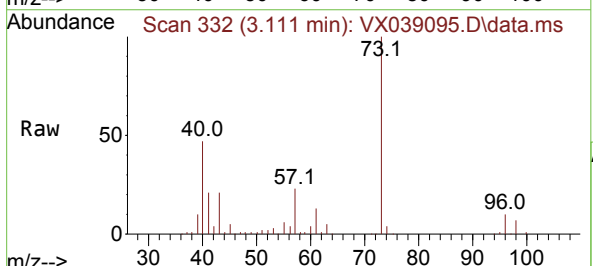
Instrument :
MSVOA_X
ClientSampleId :

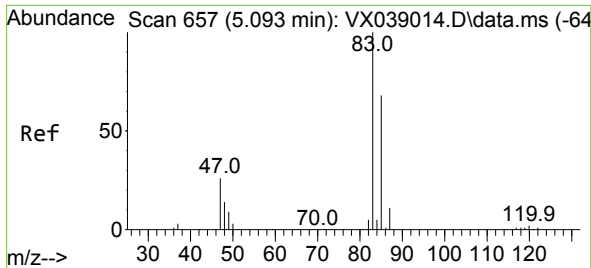
Tgt Ion: 59 Resp: 57477
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 43.156 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 73 Resp: 120167
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6

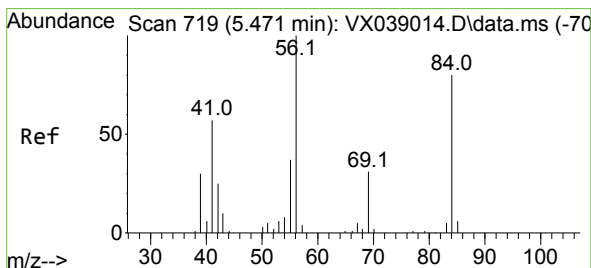
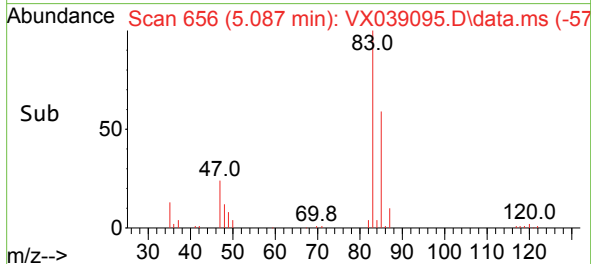
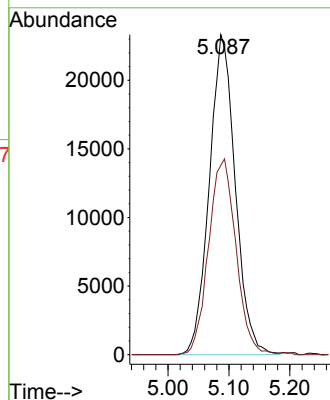
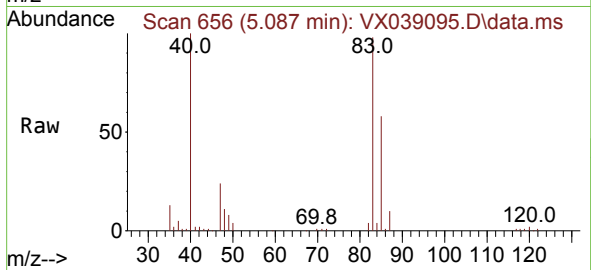




#25
Chloroform
Concen: 43.443 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

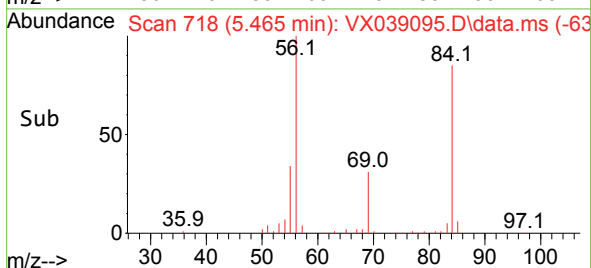
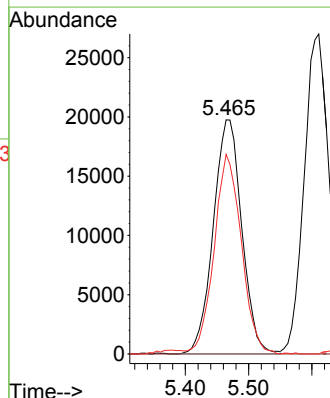
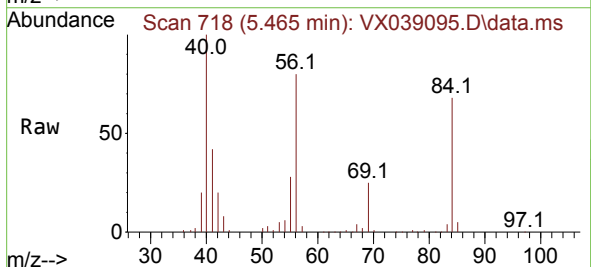
Instrument :
MSVOA_X
ClientSampleId :

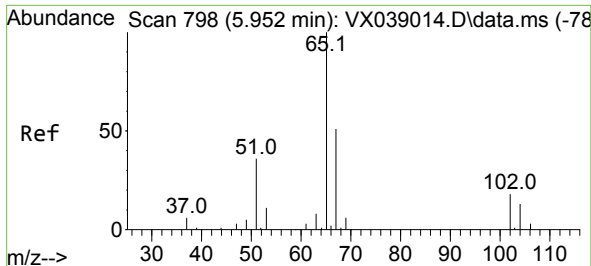
Tgt Ion: 83 Resp: 69226
Ion Ratio Lower Upper
83 100
85 58.9 54.6 81.8



#26
Cyclohexane
Concen: 43.097 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 56 Resp: 61930
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.4 67.2 100.8

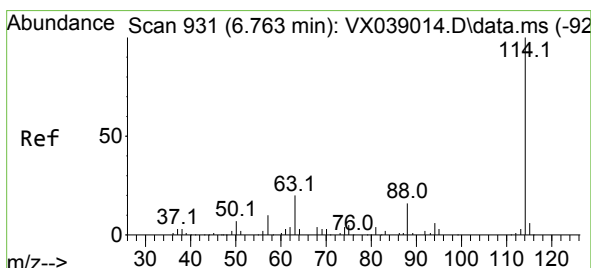
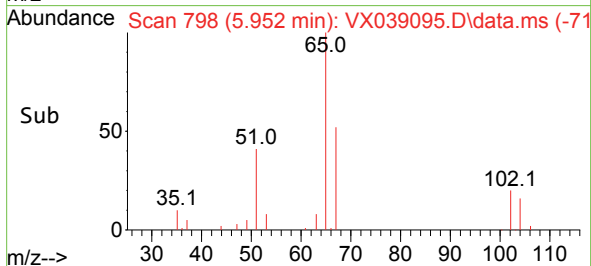
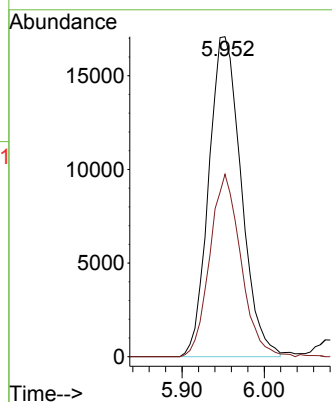
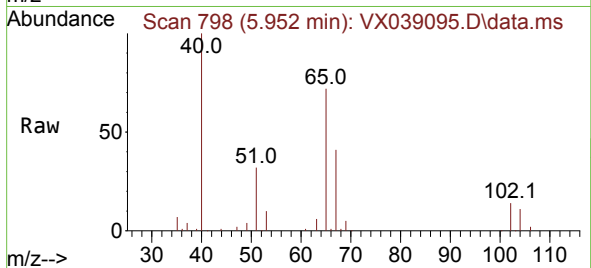




#27
1,2-Dichloroethane-d4
Concen: 61.626 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

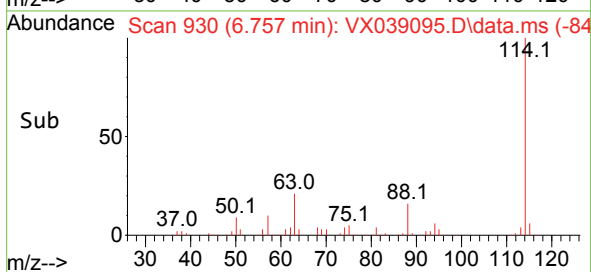
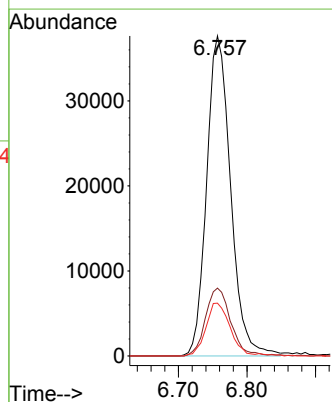
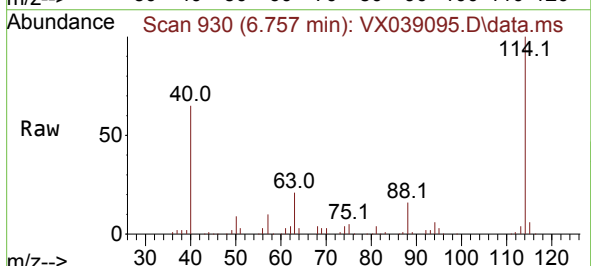
Instrument :
MSVOA_X
ClientSampleId :

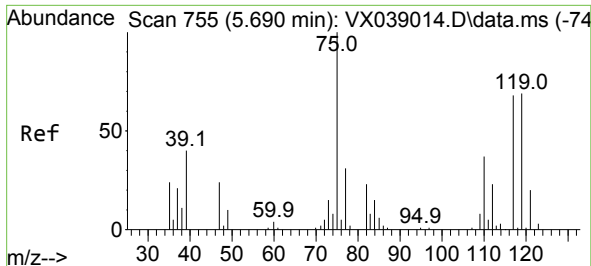
Tgt Ion: 65 Resp: 46850
Ion Ratio Lower Upper
65 100
67 54.5 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion:114 Resp: 91696
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 16.6 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.187 ug/l

RT: 5.690 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

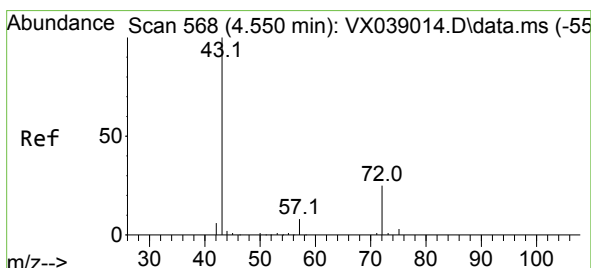
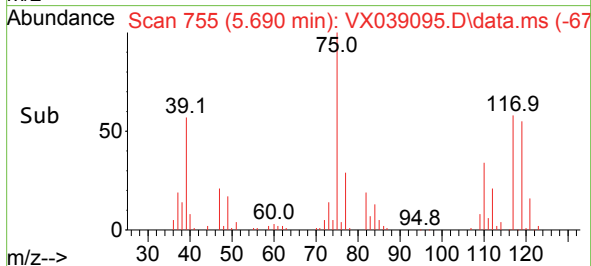
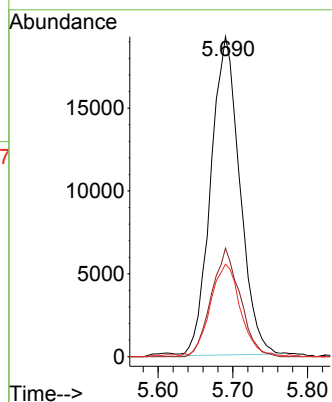
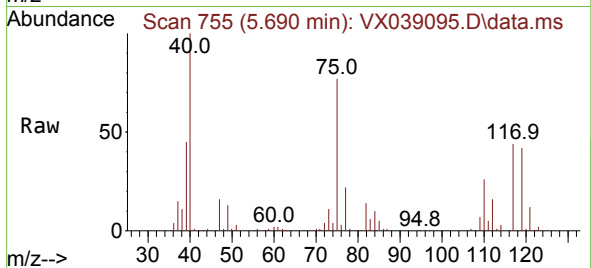
Tgt Ion: 75 Resp: 51890

Ion Ratio Lower Upper

75 100

110 33.7 0.0 71.2

77 30.4 0.0 62.6



#30

2-Butanone

Concen: 100.913 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

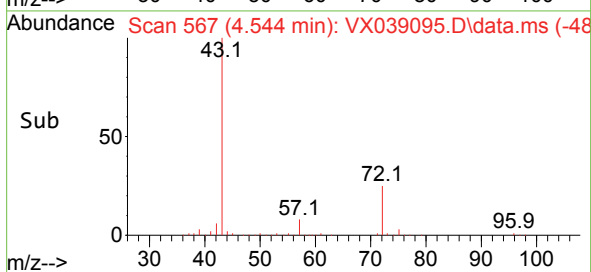
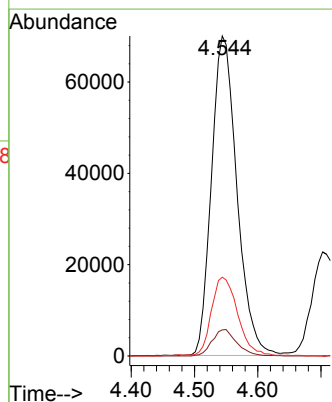
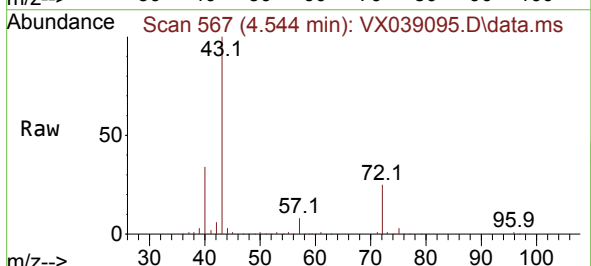
Tgt Ion: 43 Resp: 195300

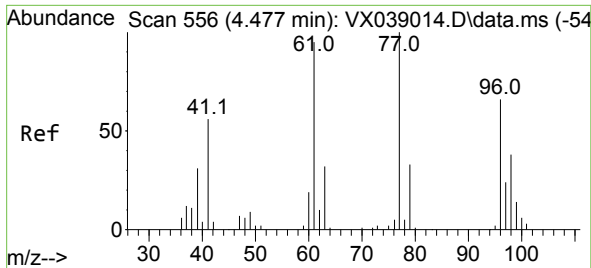
Ion Ratio Lower Upper

43 100

57 8.0 6.6 10.0

72 25.5 20.6 31.0

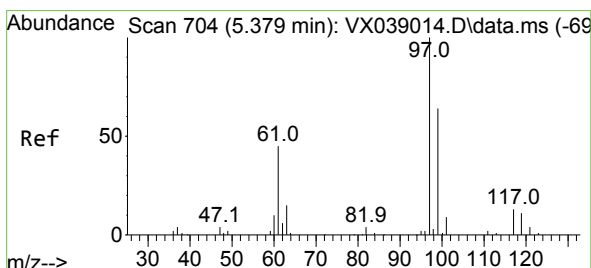
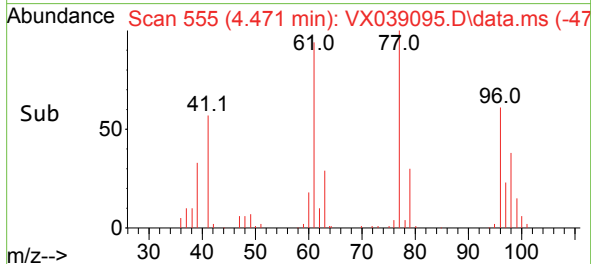
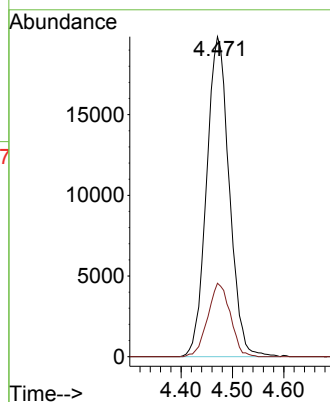
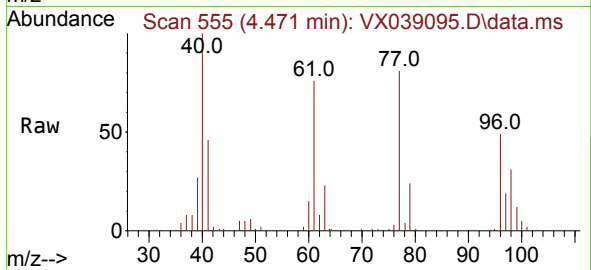




#31
2,2-Dichloropropane
Concen: 20.724 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

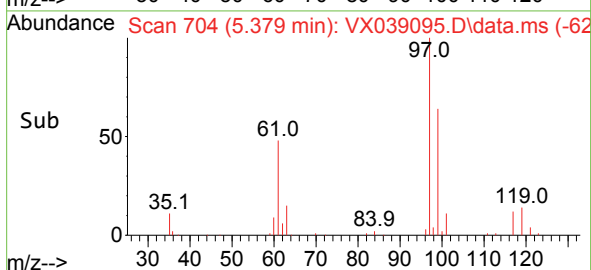
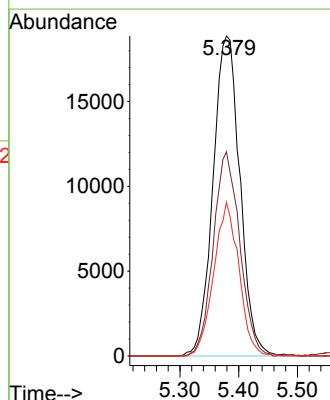
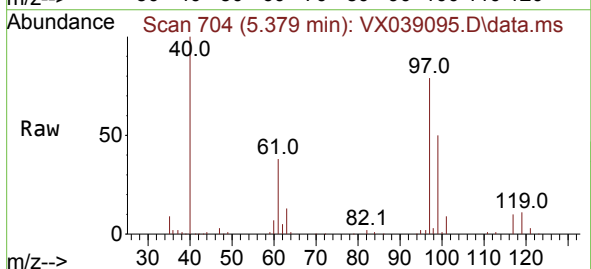
Instrument :
MSVOA_X
ClientSampleId :

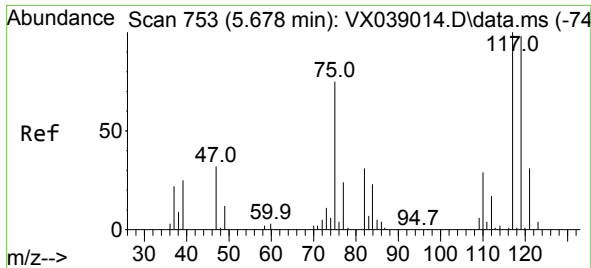
Tgt Ion: 77 Resp: 60908
Ion Ratio Lower Upper
77 100
97 22.8 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 20.178 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

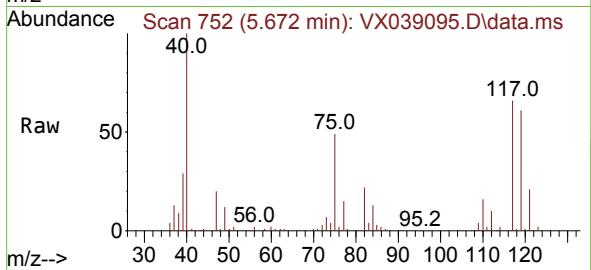
Tgt Ion: 97 Resp: 59948
Ion Ratio Lower Upper
97 100
99 62.8 52.6 79.0
61 44.8 36.9 55.3



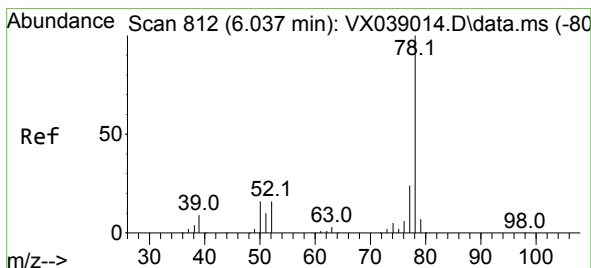
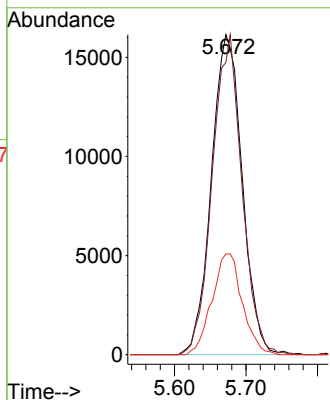
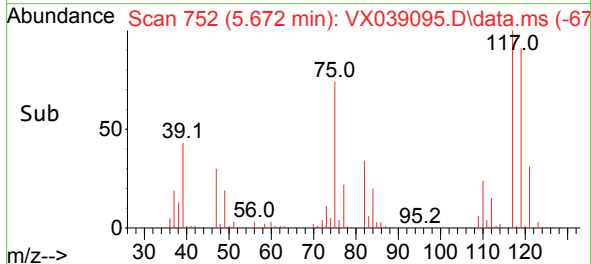


#33
Carbon Tetrachloride
Concen: 19.307 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Instrument :
MSVOA_X
ClientSampleId :

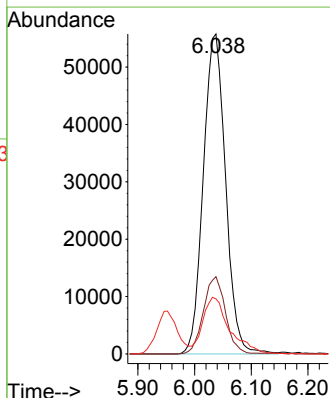
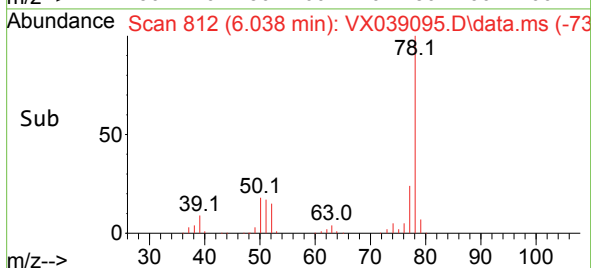
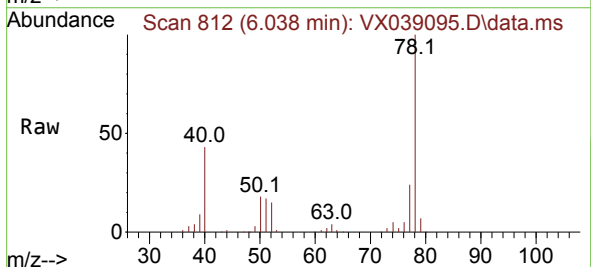


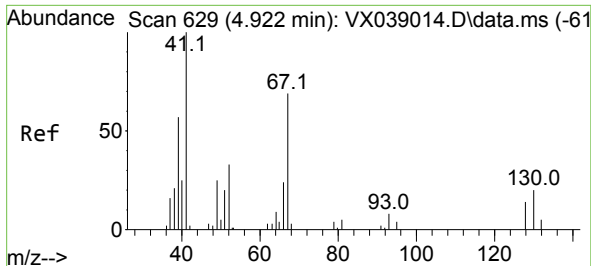
Tgt Ion:117 Resp: 48317
Ion Ratio Lower Upper
117 100
119 91.4 78.2 117.4
121 31.4 24.7 37.1



#34
Benzene
Concen: 20.355 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 78 Resp: 152417
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 17.1 14.4 21.6

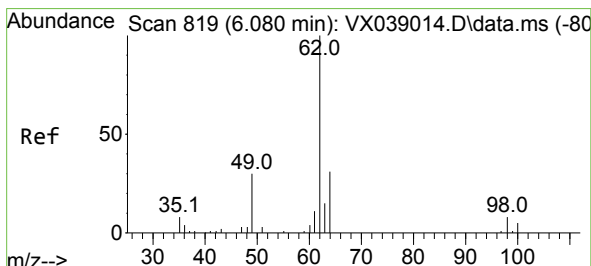
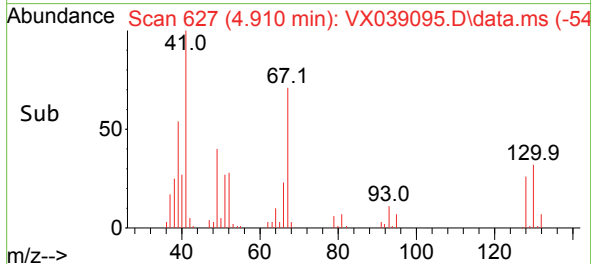
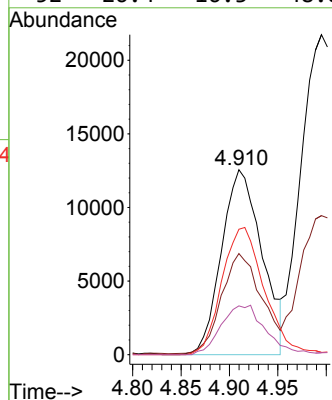
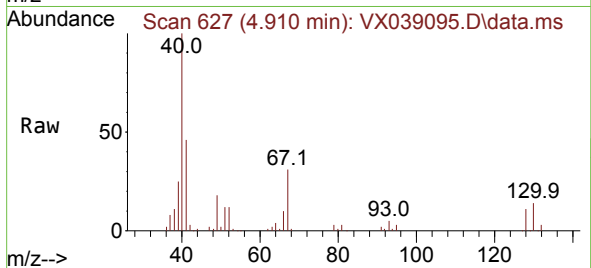




#35
Methacrylonitrile
Concen: 21.358 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

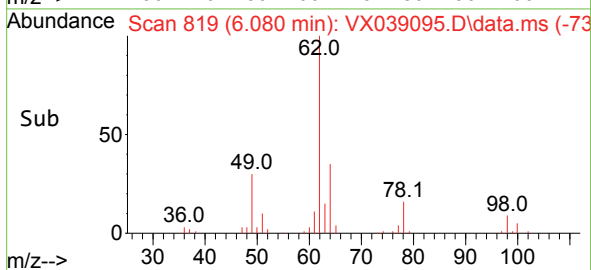
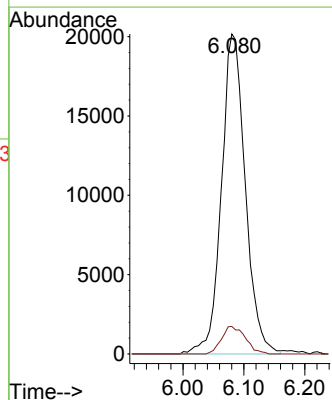
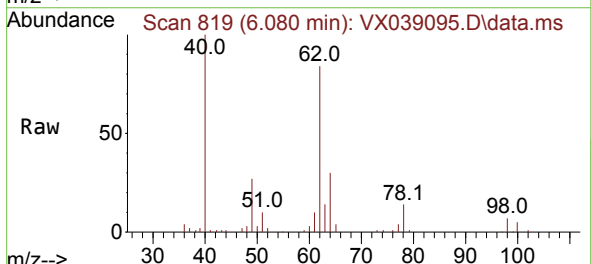
Instrument :
MSVOA_X
ClientSampleId :

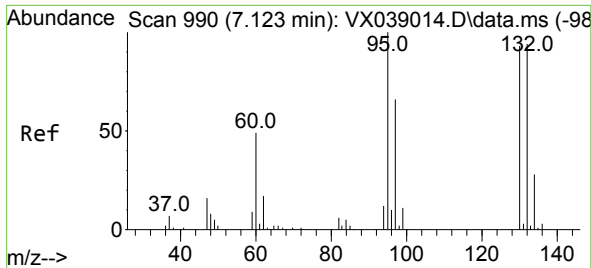
Tgt Ion: 41	Resp: 36614
Ion Ratio	Lower Upper
41 100	
39 53.9	28.2 84.7
67 67.8	34.5 103.5
52 26.4	16.3 48.8



#36
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 62	Resp: 54924
Ion Ratio	Lower Upper
62 100	
98 8.6	7.0 10.4

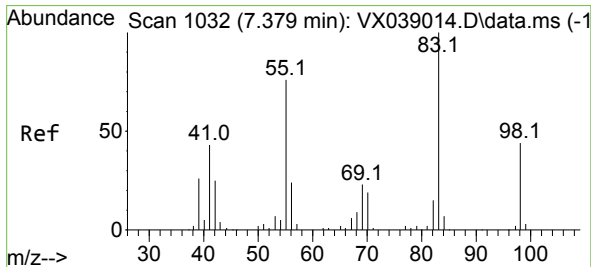
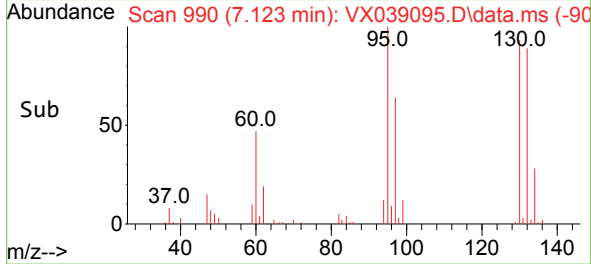
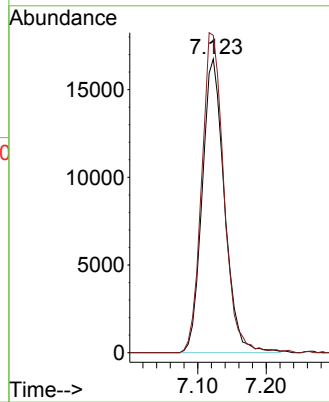
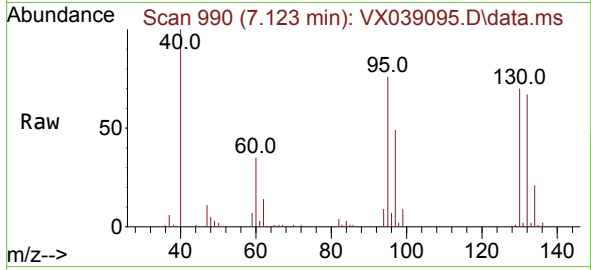




#37
Trichloroethene
Concen: 19.942 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

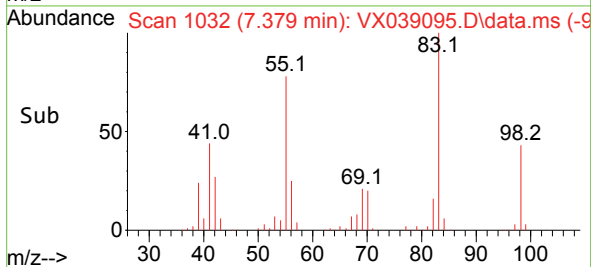
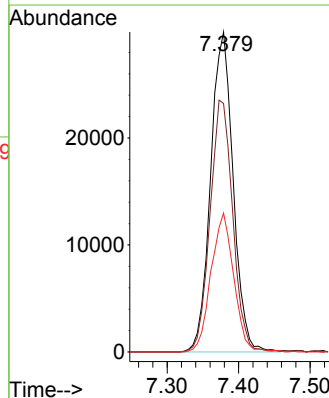
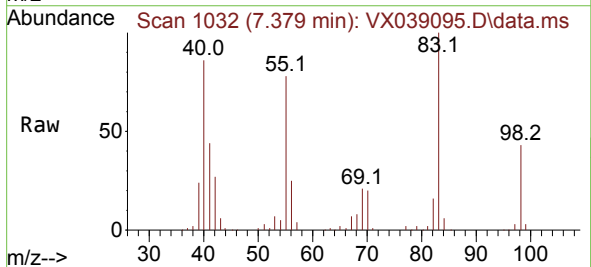
Instrument :
MSVOA_X
ClientSampleId :

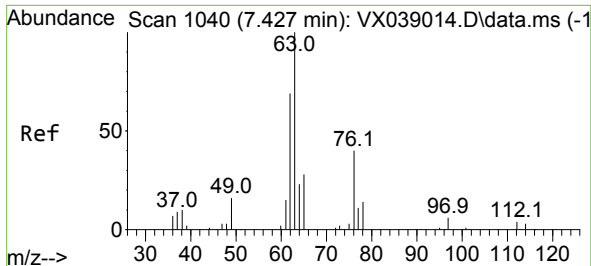
Tgt Ion:130 Resp: 37899
Ion Ratio Lower Upper
130 100
95 108.0 85.8 128.8



#38
Methylcyclohexane
Concen: 20.432 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 83 Resp: 65441
Ion Ratio Lower Upper
83 100
55 79.1 38.6 116.0
98 43.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.885 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

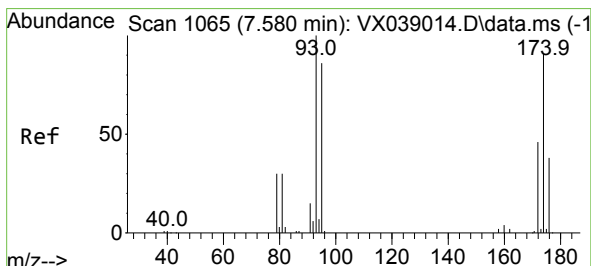
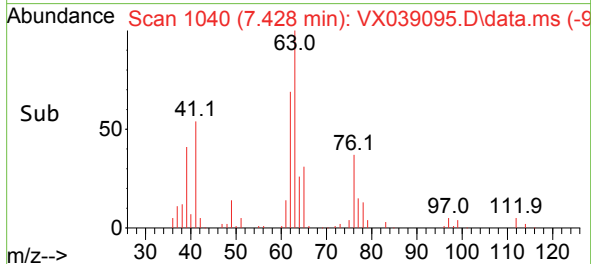
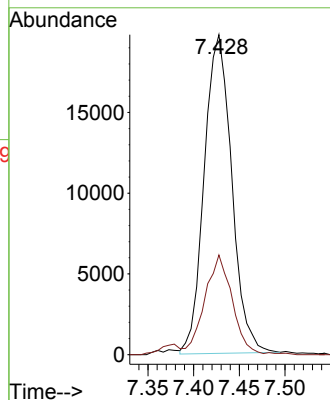
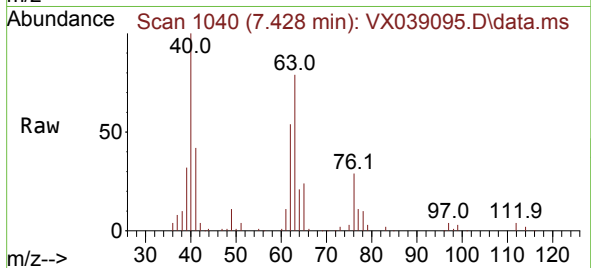
ClientSampleId :

Tgt Ion: 63 Resp: 41244

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#40

Dibromomethane

Concen: 20.383 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

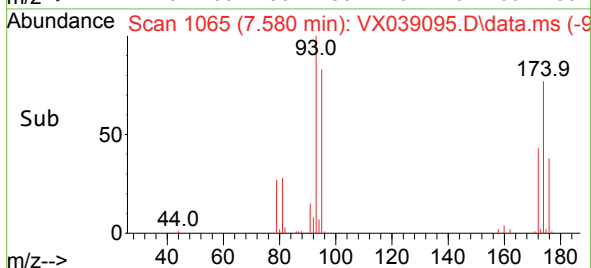
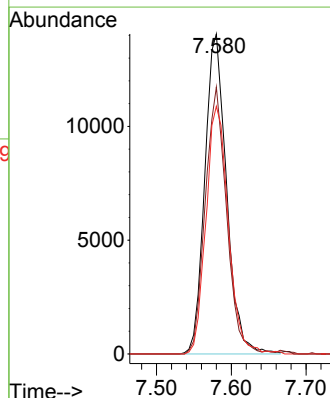
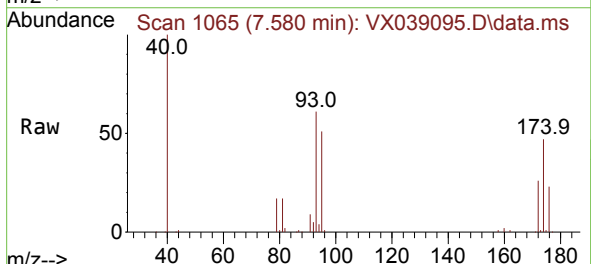
Tgt Ion: 93 Resp: 28440

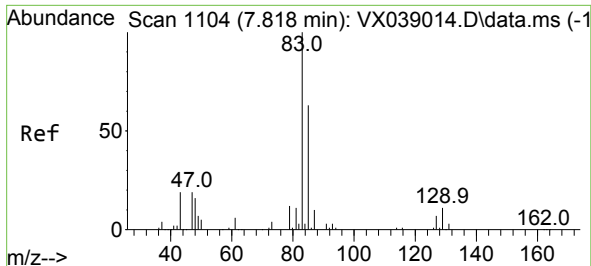
Ion Ratio Lower Upper

93 100

95 81.7 0.0 163.4

174 79.4 0.0 166.4

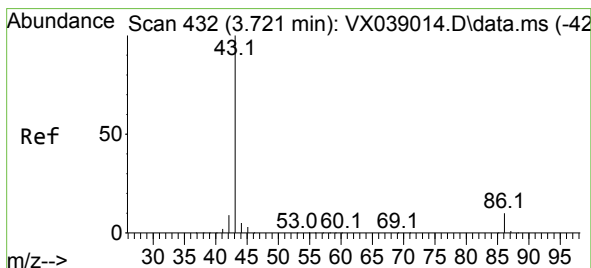
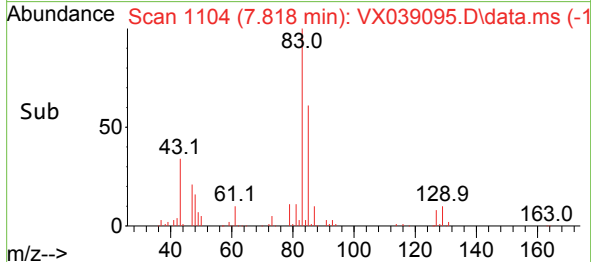
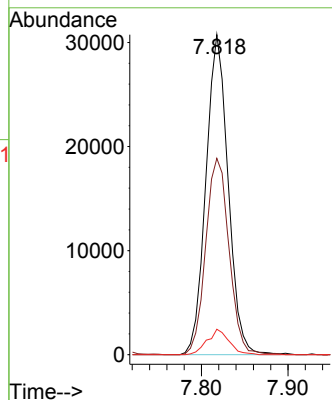
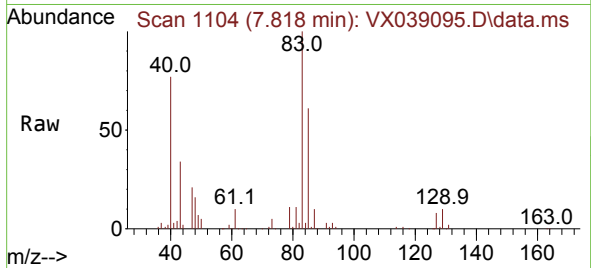




#41
Bromodichloromethane
Concen: 20.450 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

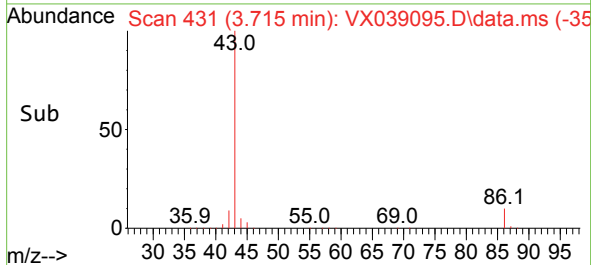
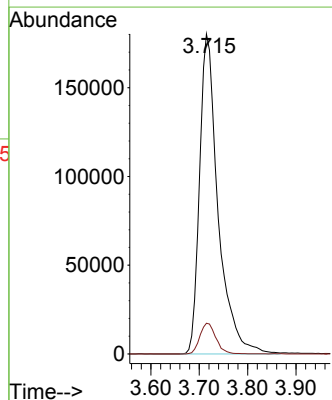
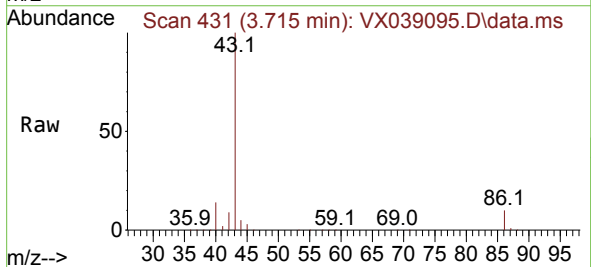
Instrument :
MSVOA_X
ClientSampleId :

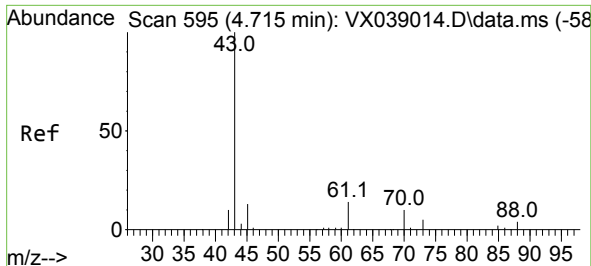
Tgt Ion: 83 Resp: 54818
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2
127 8.0 5.9 8.9



#42
Vinyl Acetate
Concen: 104.201 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 43 Resp: 480319
Ion Ratio Lower Upper
43 100
86 8.3 6.7 10.1

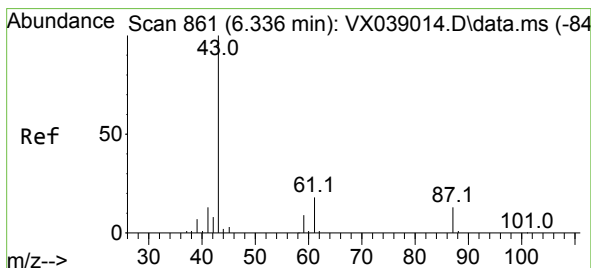
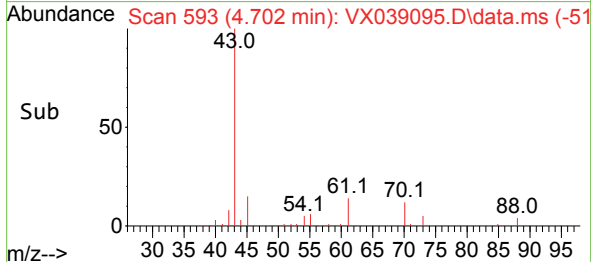
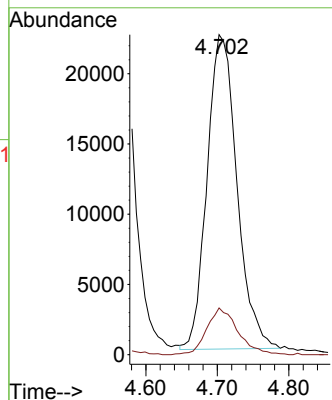
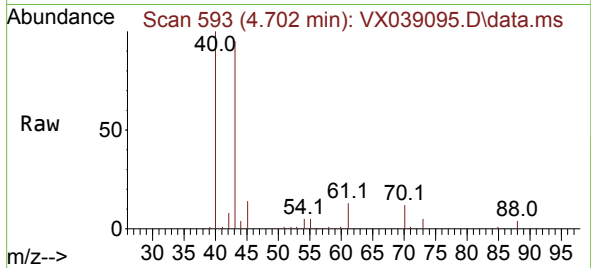




#43
Ethyl Acetate
Concen: 19.507 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

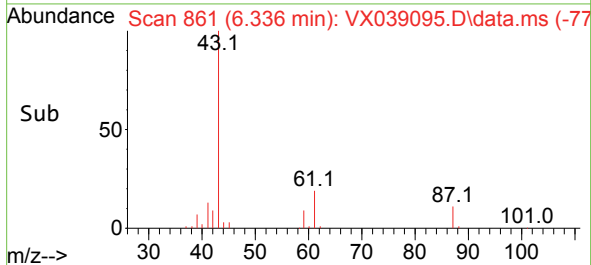
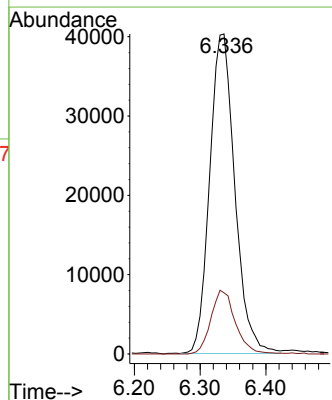
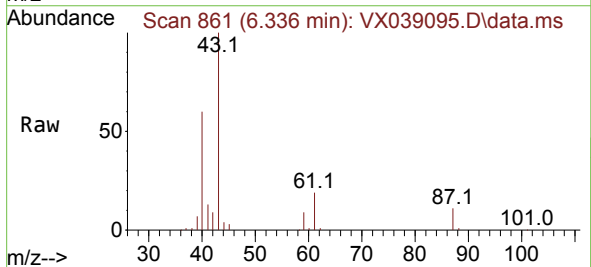
Instrument :
MSVOA_X
ClientSampleId :

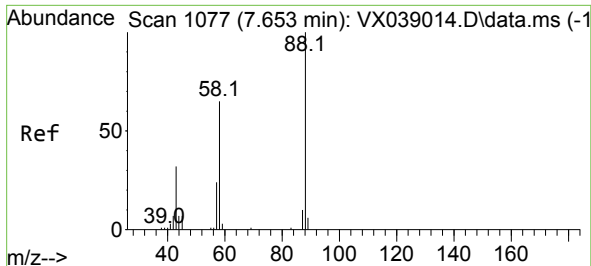
Tgt Ion: 43 Resp: 64949
Ion Ratio Lower Upper
43 100
45 15.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.430 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

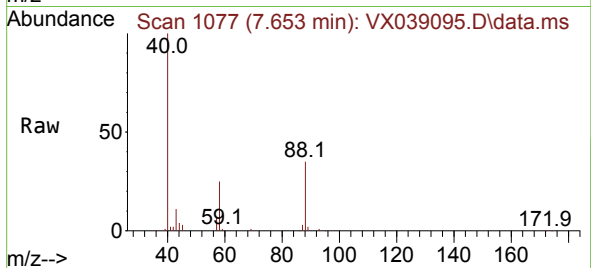
Tgt Ion: 43 Resp: 107231
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4



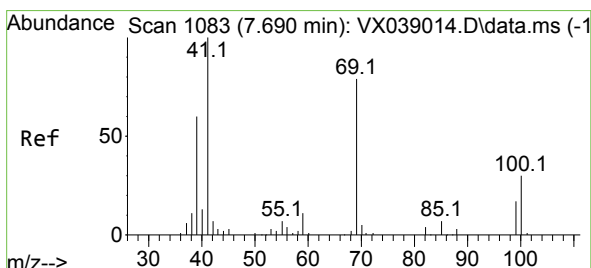
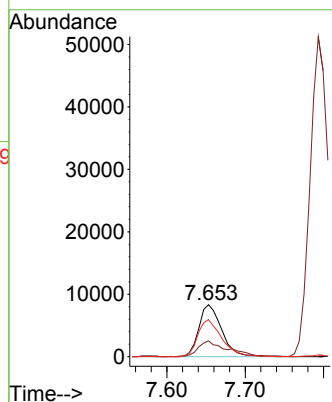
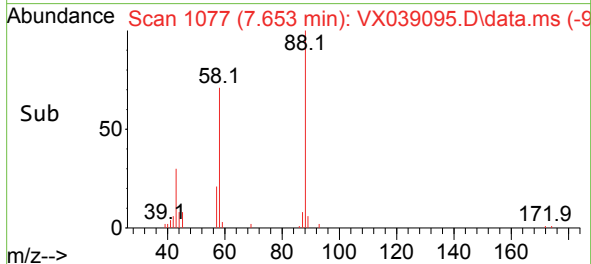


#45
1,4-Dioxane
Concen: 312.584 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

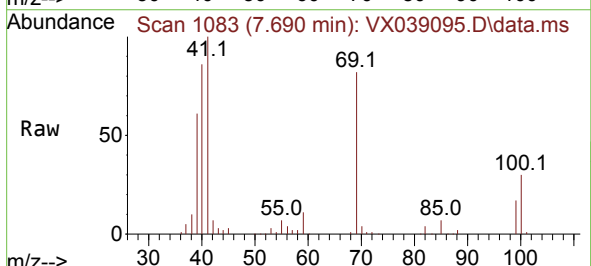
Instrument :
MSVOA_X
ClientSampleId :



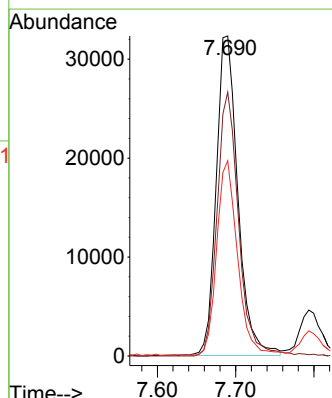
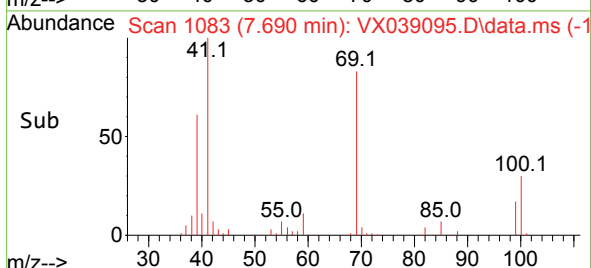
Tgt Ion: 88 Resp: 16749
Ion Ratio Lower Upper
88 100
43 29.6 28.1 42.1
58 75.2 57.7 86.5

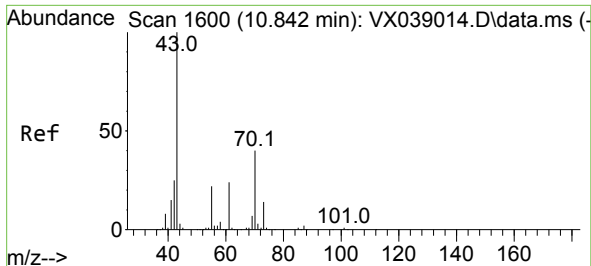


#46
Methyl methacrylate
Concen: 20.711 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43



Tgt Ion: 41 Resp: 62154
Ion Ratio Lower Upper
41 100
69 82.6 39.6 118.8
39 60.7 30.1 90.3

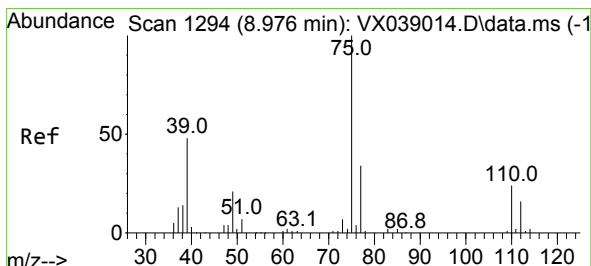
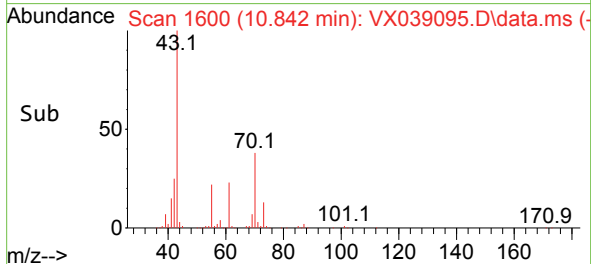
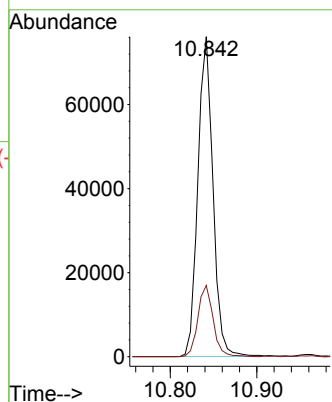
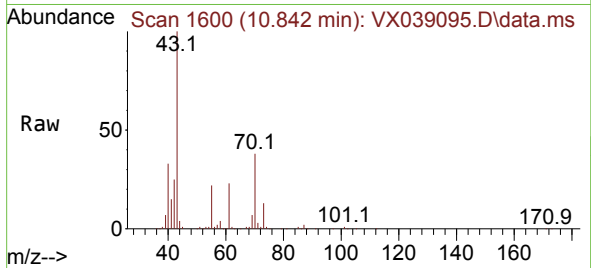




#47
n-amy1 Acetate
Concen: 20.743 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

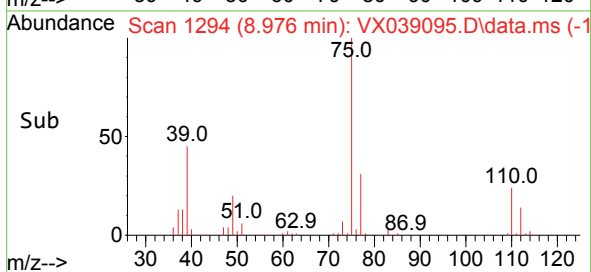
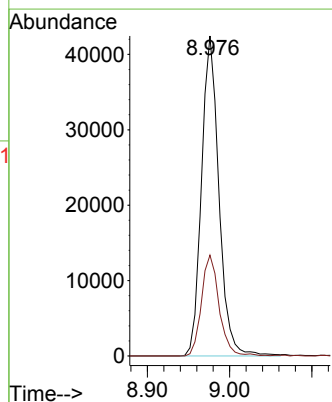
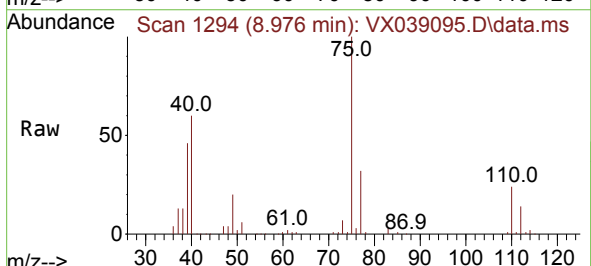
Instrument :
MSVOA_X
ClientSampleId :

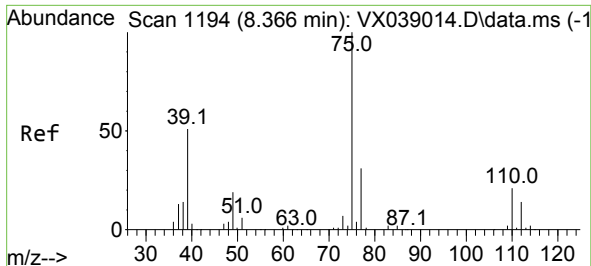
Tgt Ion: 43 Resp: 92150
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 20.142 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 75 Resp: 62606
Ion Ratio Lower Upper
75 100
77 31.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.702 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

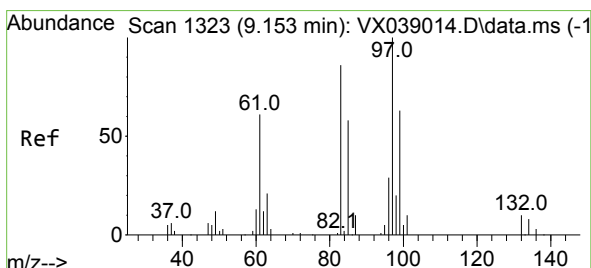
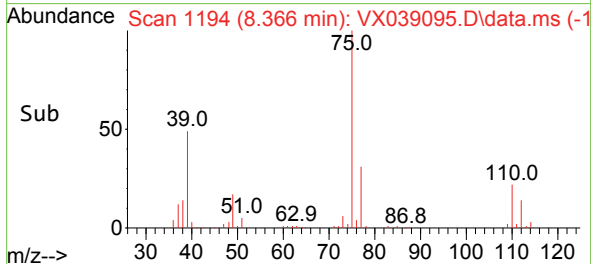
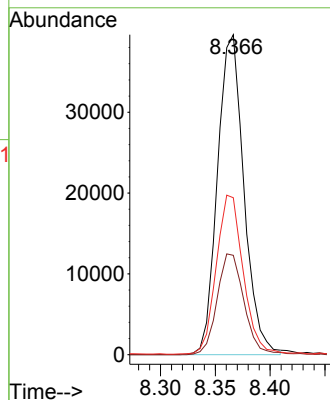
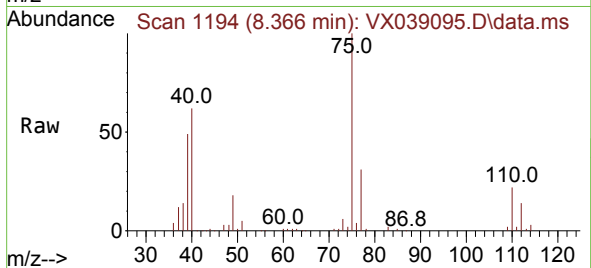
Tgt Ion: 75 Resp: 66380

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

39 48.8 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 21.321 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Tgt Ion: 97 Resp: 40413

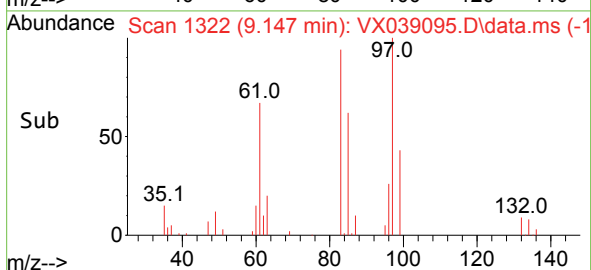
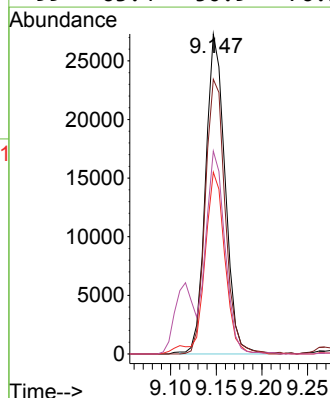
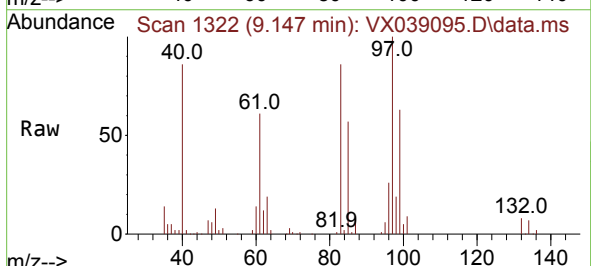
Ion Ratio Lower Upper

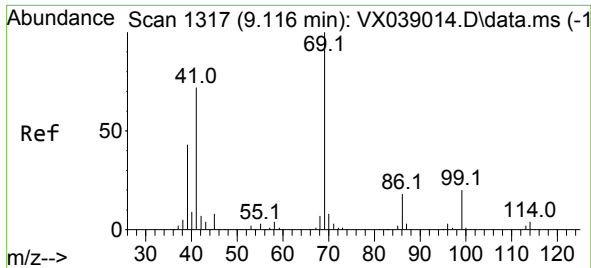
97 100

83 85.9 69.0 103.6

85 56.8 46.3 69.5

99 63.4 50.9 76.3

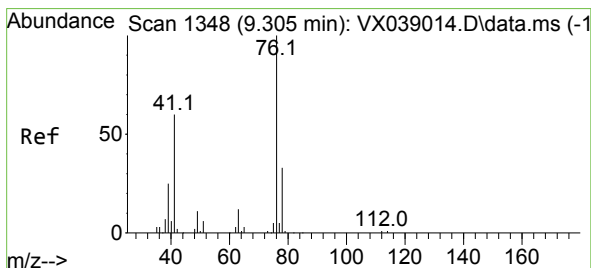
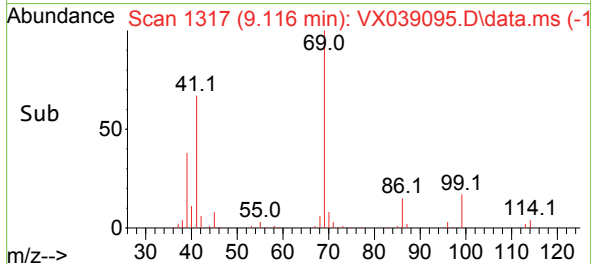
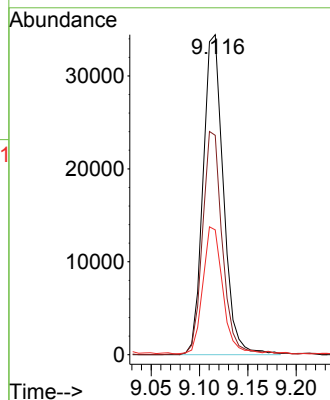
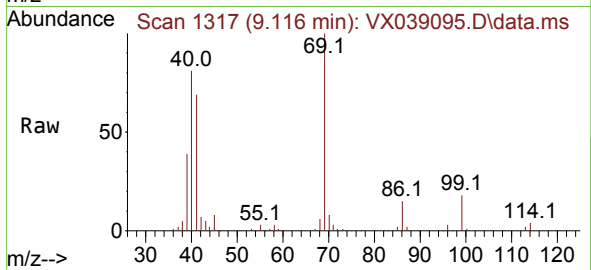




#51
Ethyl methacrylate
Concen: 21.290 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

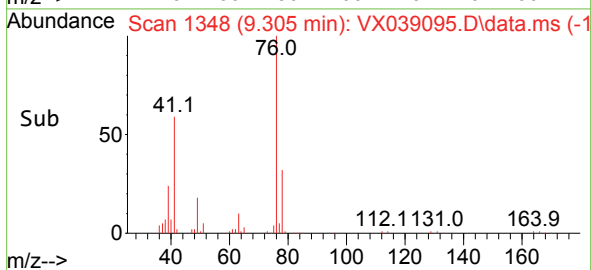
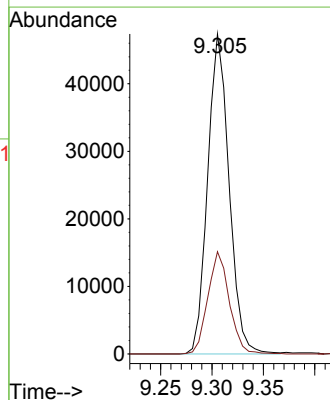
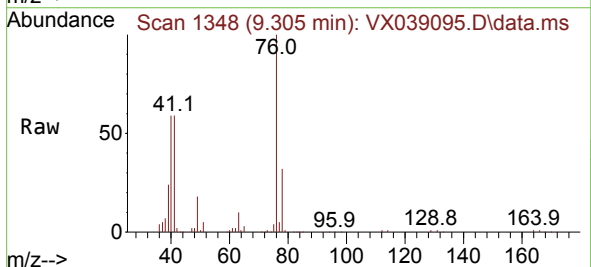
Instrument :
MSVOA_X
ClientSampleId :

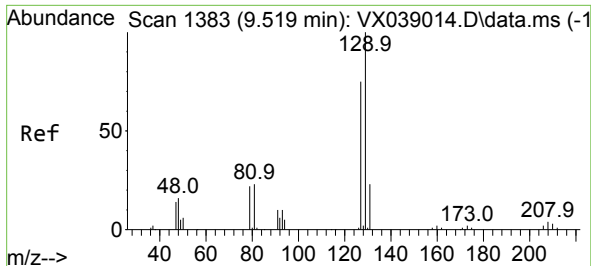
Tgt Ion: 69 Resp: 50515
Ion Ratio Lower Upper
69 100
41 68.5 36.2 108.6
39 38.6 21.1 63.4



#52
1,3-Dichloropropane
Concen: 21.129 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 76 Resp: 68671
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0

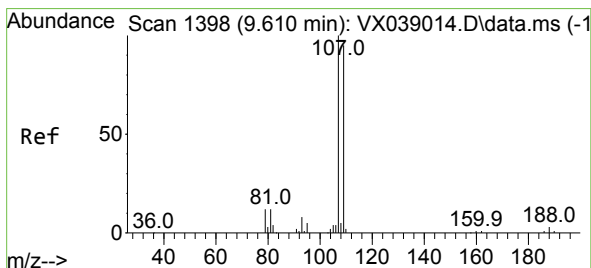
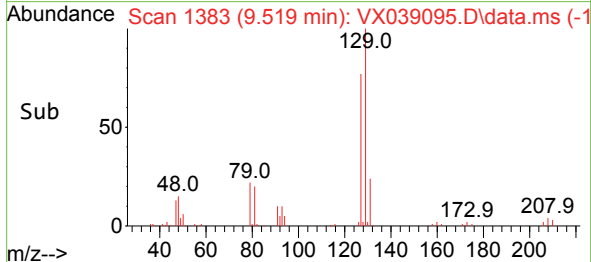
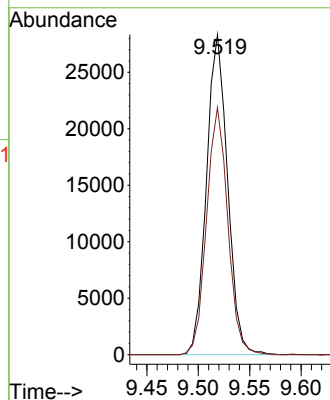
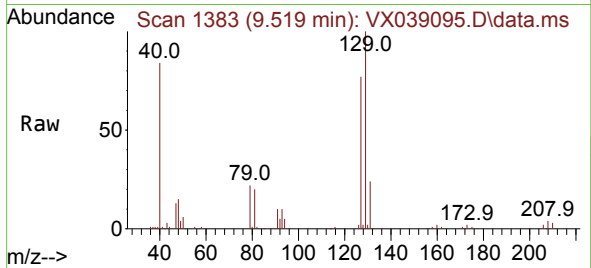




#53
Dibromochloromethane
Concen: 19.888 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

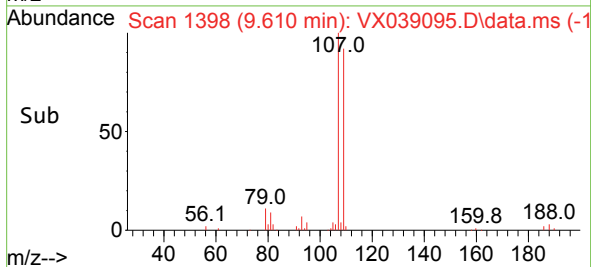
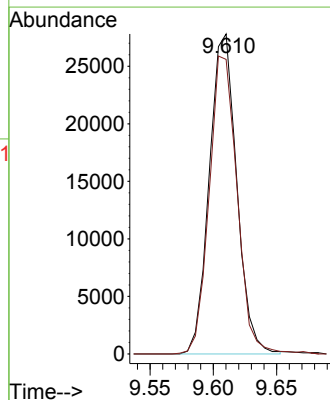
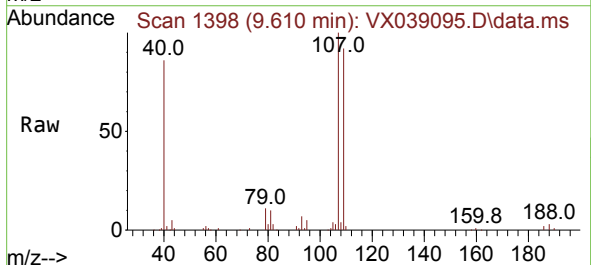
Instrument :
MSVOA_X
ClientSampleId :

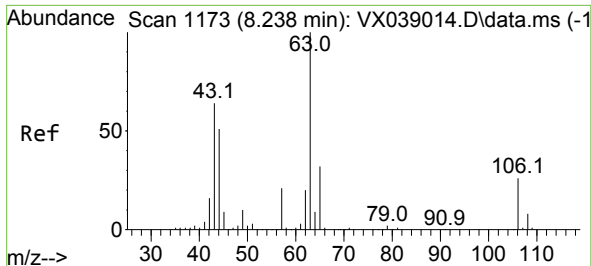
Tgt Ion:129 Resp: 40485
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9



#54
1,2-Dibromoethane
Concen: 20.174 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion:107 Resp: 41933
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7

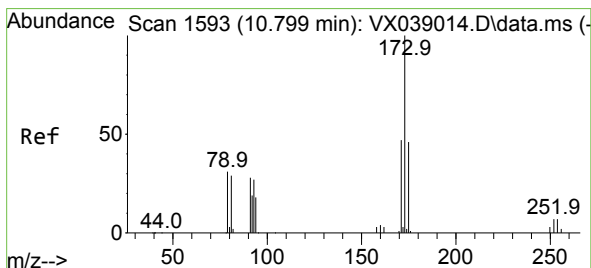
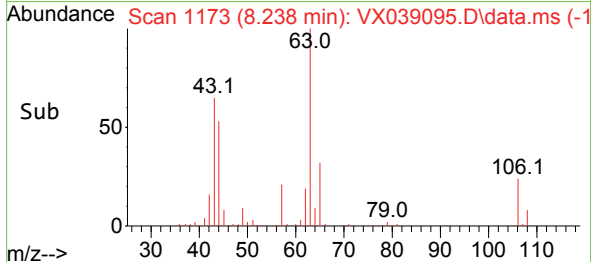
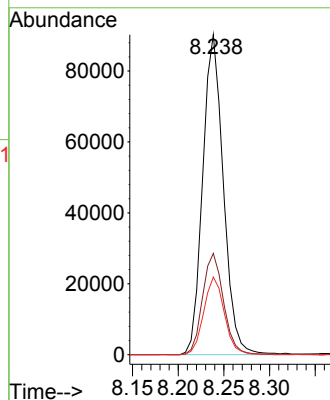
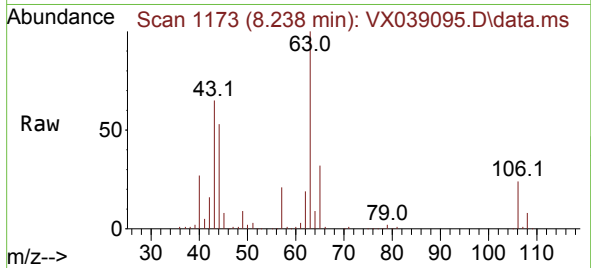




#55
2-Chloroethyl vinyl ether
Concen: 94.449 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

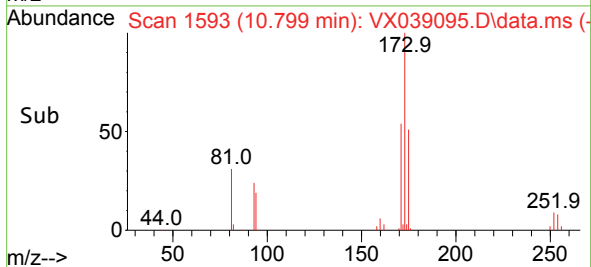
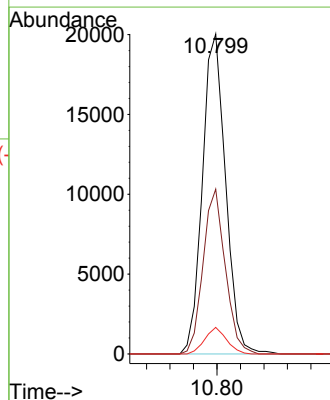
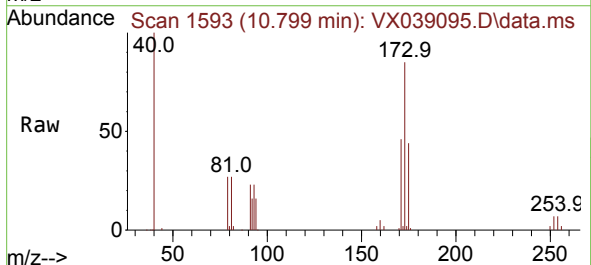
Instrument :
MSVOA_X
ClientSampleId :

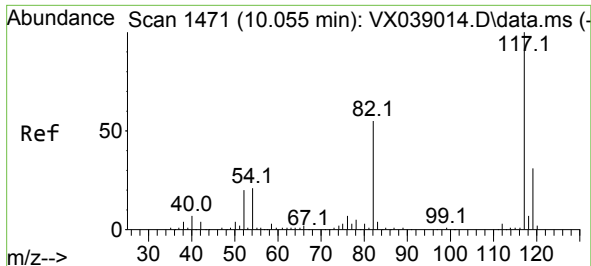
Tgt Ion: 63 Resp: 142042
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 24.2 20.6 31.0



#56
Bromoform
Concen: 18.653 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 173 Resp: 27405
Ion Ratio Lower Upper
173 100
175 49.2 37.6 56.4
254 7.8 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

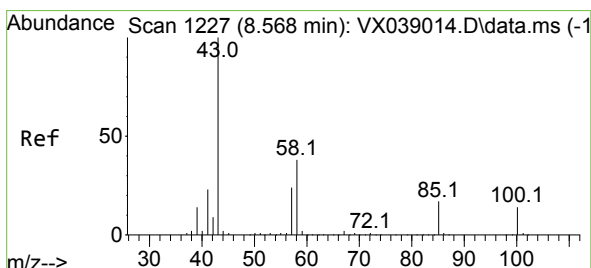
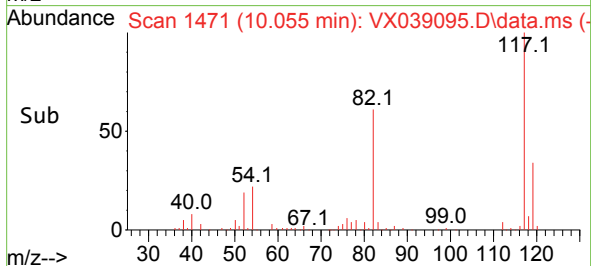
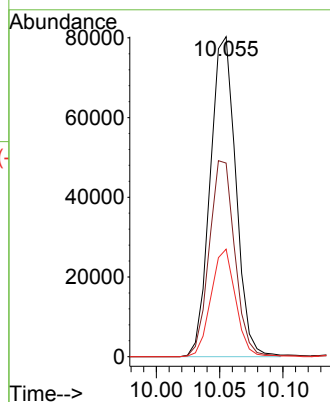
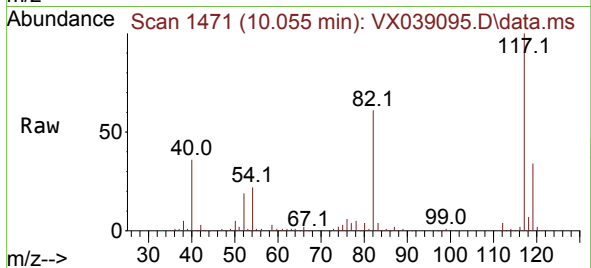
Tgt Ion:117 Resp: 113262

Ion Ratio Lower Upper

117 100

82 61.0 47.0 70.6

119 32.4 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 106.341 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

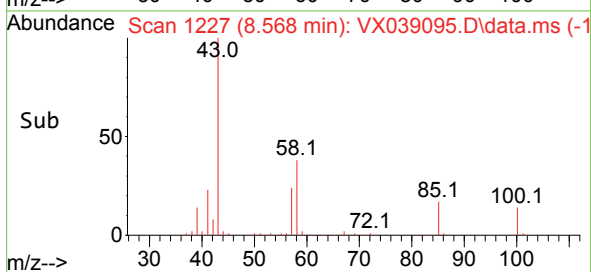
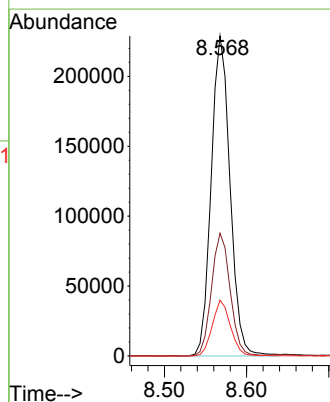
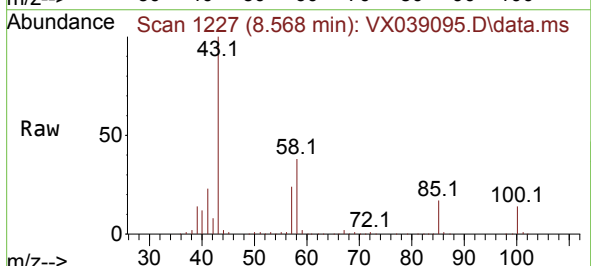
Tgt Ion: 43 Resp: 365243

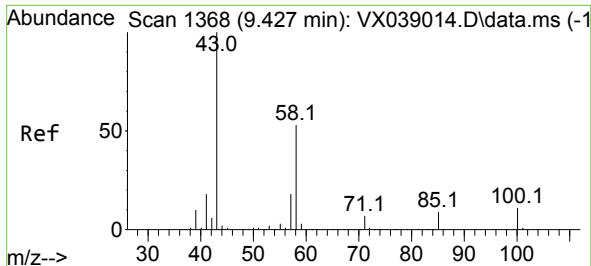
Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1

85 16.8 13.9 20.9

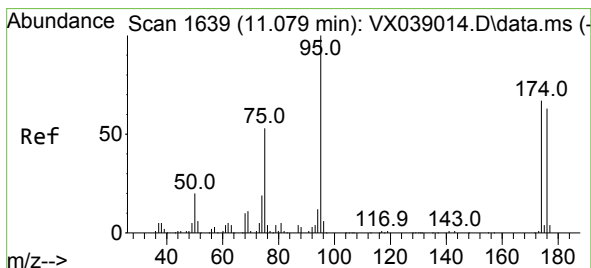
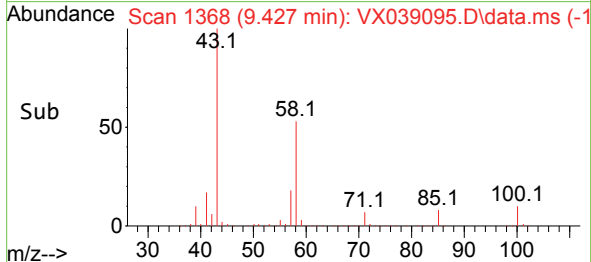
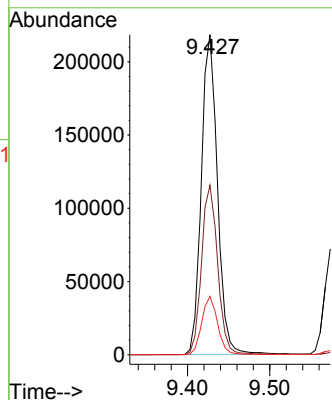
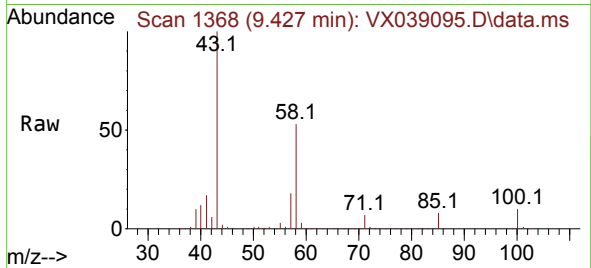




#59
2-Hexanone
Concen: 105.601 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

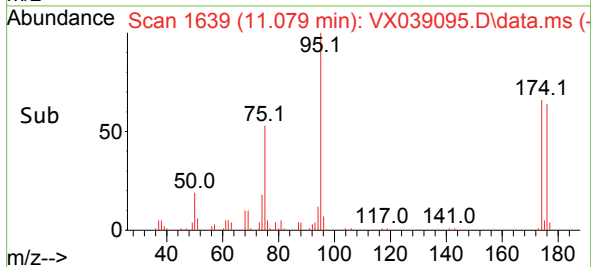
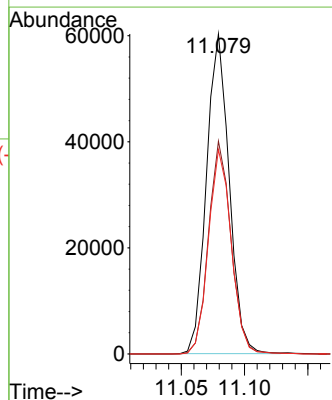
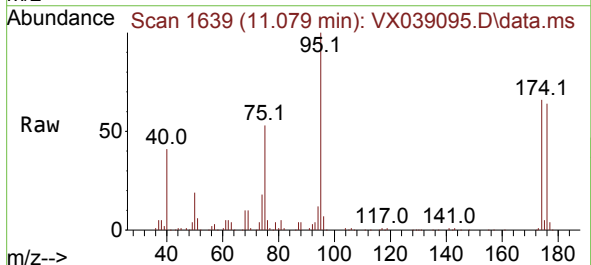
Instrument :
MSVOA_X
ClientSampleId :

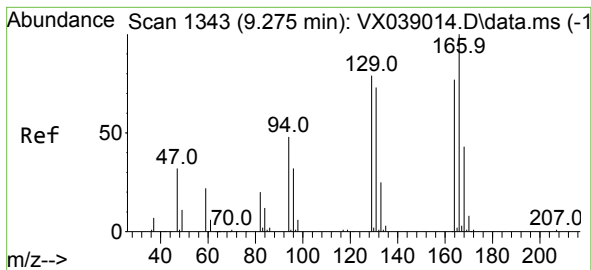
Tgt Ion: 43 Resp: 297719
Ion Ratio Lower Upper
43 100
58 53.0 42.7 64.1
57 17.9 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

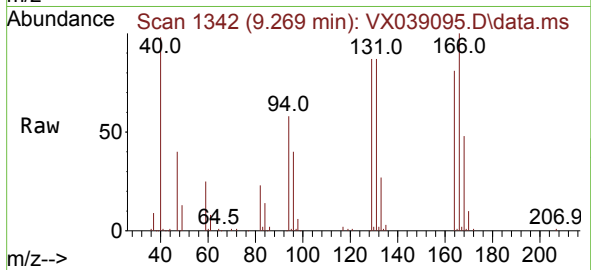
Tgt Ion: 95 Resp: 75278
Ion Ratio Lower Upper
95 100
174 66.1 55.4 83.2
176 64.2 52.6 78.8



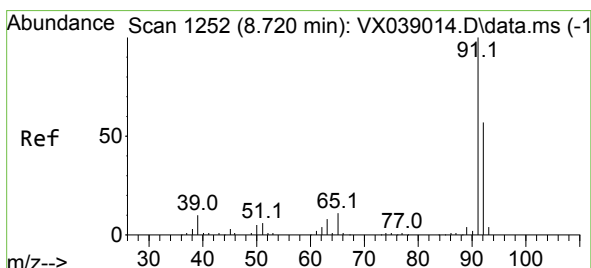
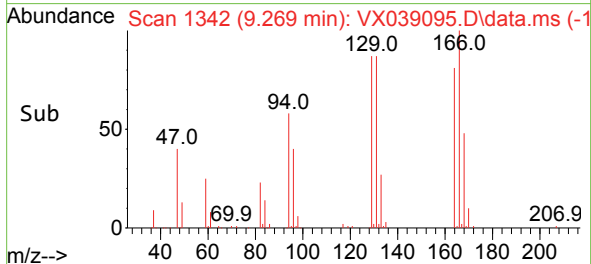
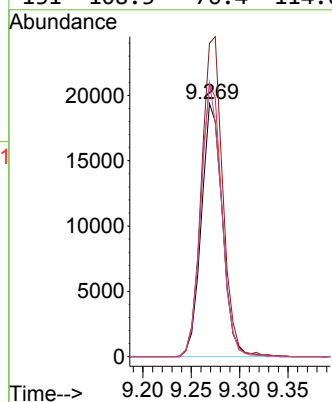


#61
 Tetrachloroethene
 Concen: 19.921 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Instrument :
 MSVOA_X
 ClientSampleId :

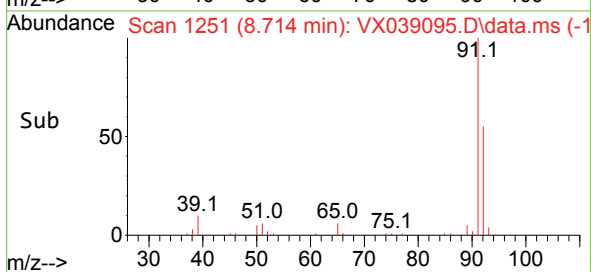
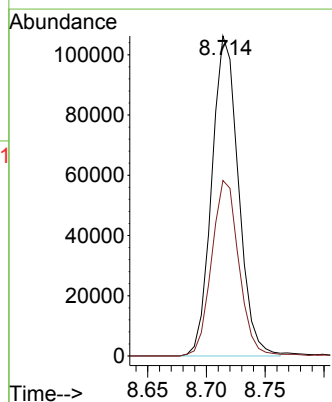
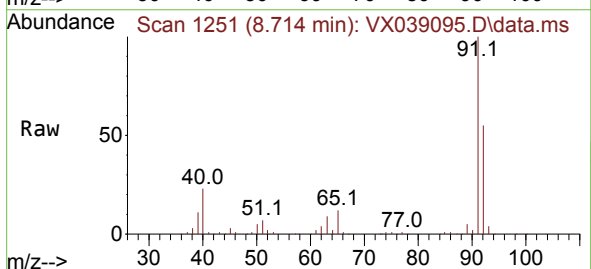


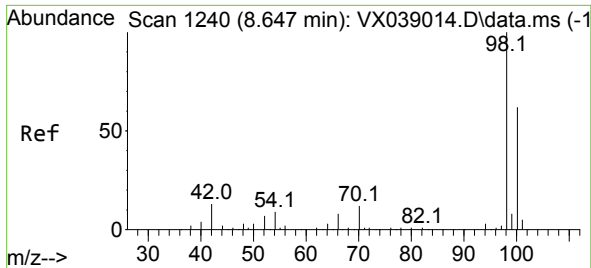
Tgt Ion:164	Resp:	29336	
Ion	Ratio	Lower	Upper
164	100		
166	123.9	104.0	156.0
129	107.6	82.0	123.0
131	108.3	76.4	114.6



#62
 Toluene
 Concen: 20.859 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Tgt Ion: 91	Resp: 167731
Ion Ratio	Lower Upper
91 100	
92 55.9	45.9 68.9

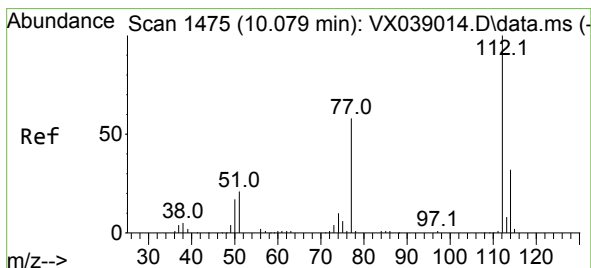
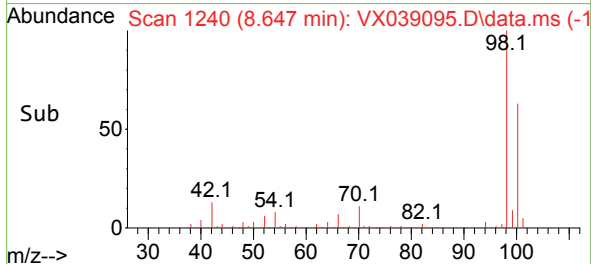
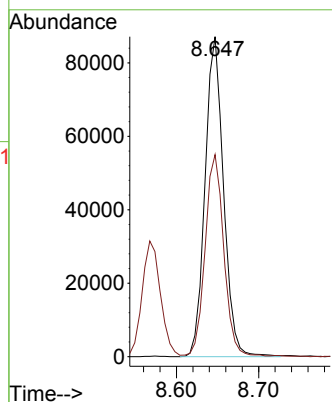
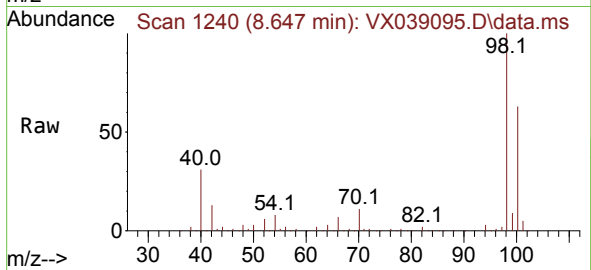




#63
Toluene-d8
Concen: 30.371 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

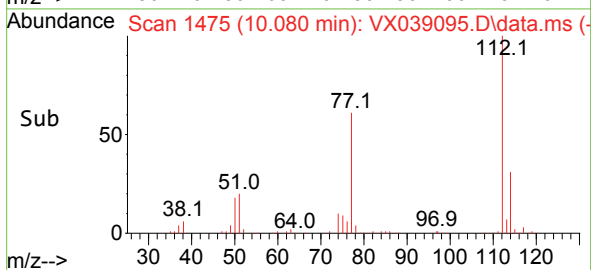
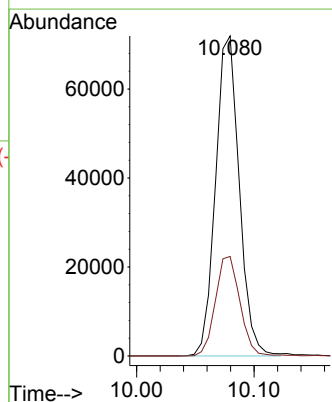
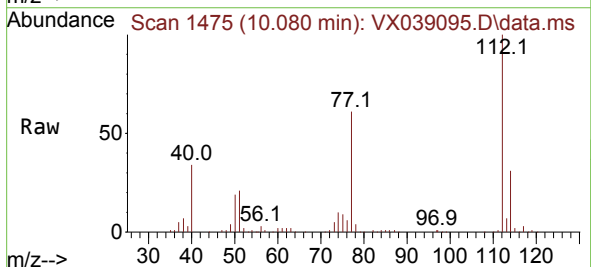
Instrument :
MSVOA_X
ClientSampleId :

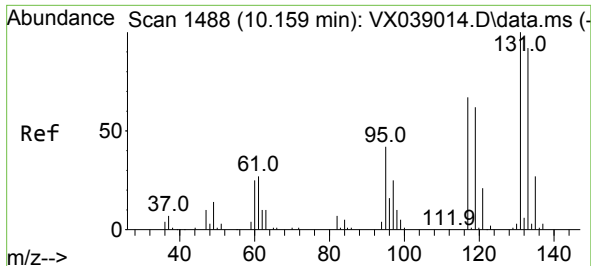
Tgt Ion: 98 Resp: 136002
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4



#64
Chlorobenzene
Concen: 20.618 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion:112 Resp: 100851
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

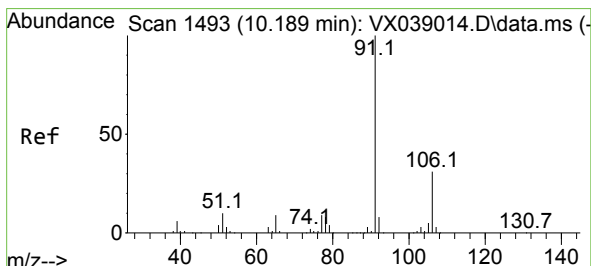
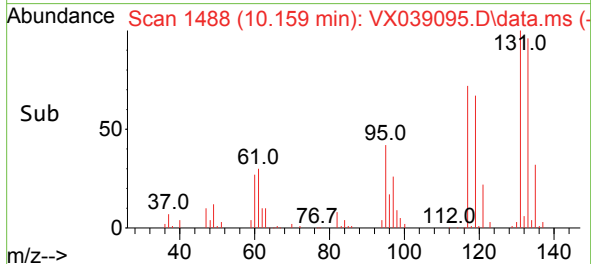
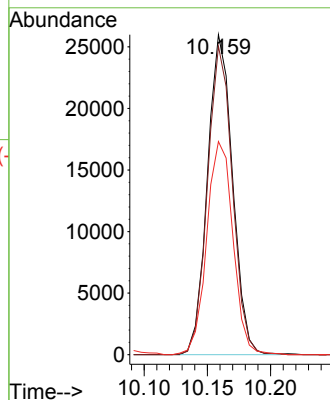
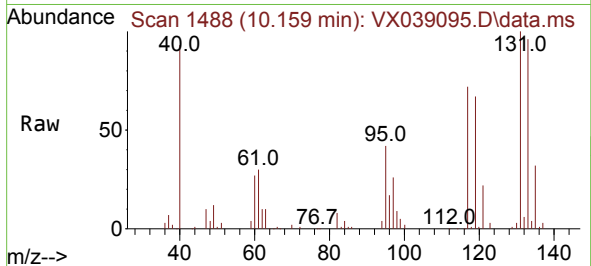




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.407 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

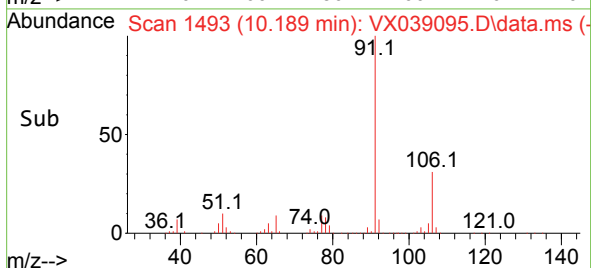
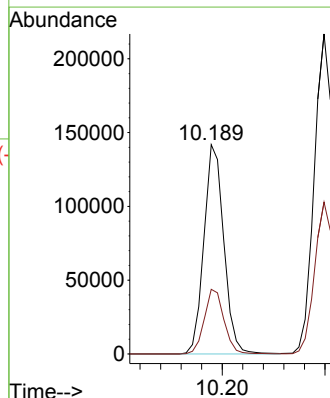
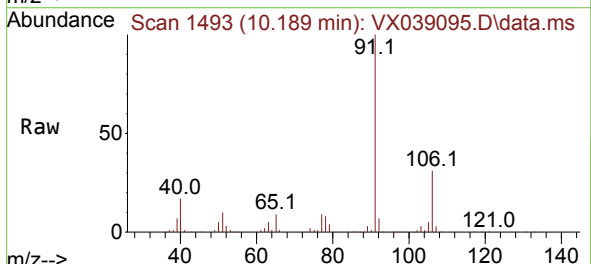
Instrument :
 MSVOA_X
 ClientSampleId :

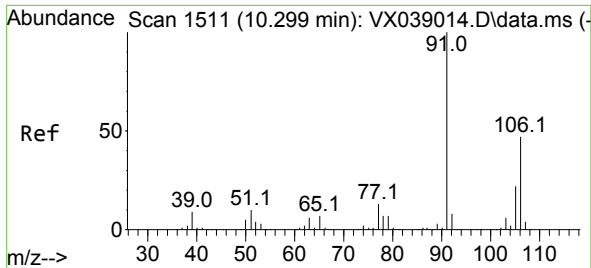
Tgt Ion:	131	Resp:	35948
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	191.8
119	69.4	0.0	135.4



#66
 Ethyl Benzene
 Concen: 20.863 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Tgt Ion:	91	Resp:	191036
Ion Ratio	Lower	Upper	
91	100		
106	30.9	24.4	36.6

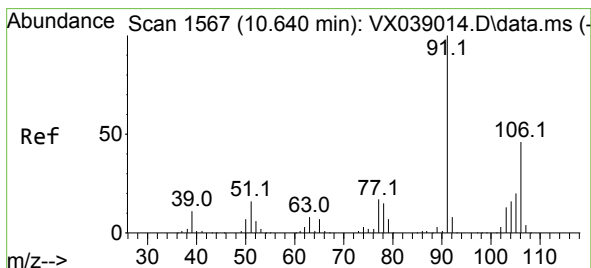
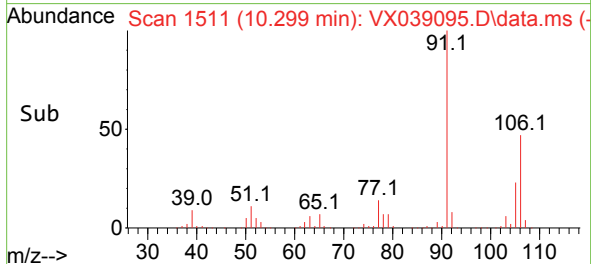
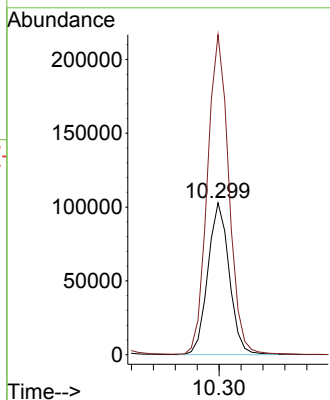
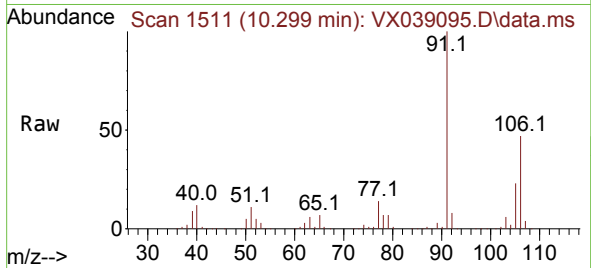




#67
m/p-Xylenes
Concen: 41.160 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

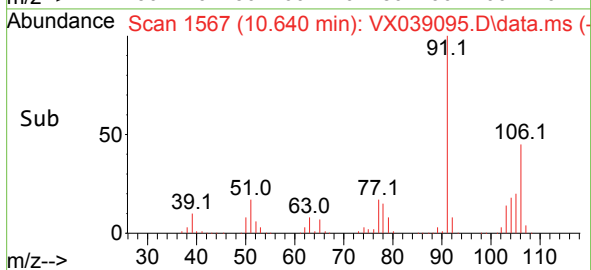
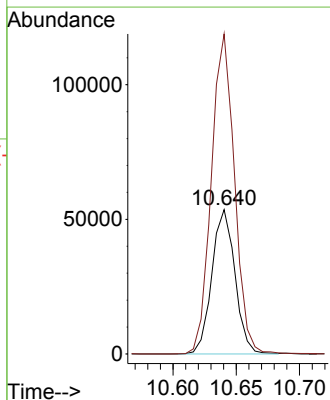
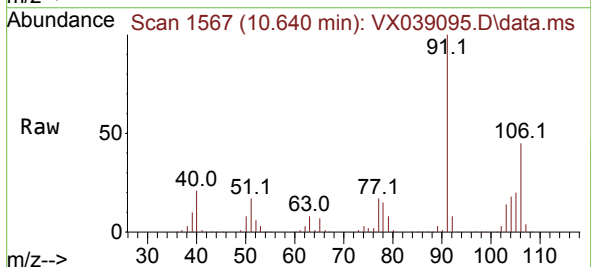
Instrument :
MSVOA_X
ClientSampleId :

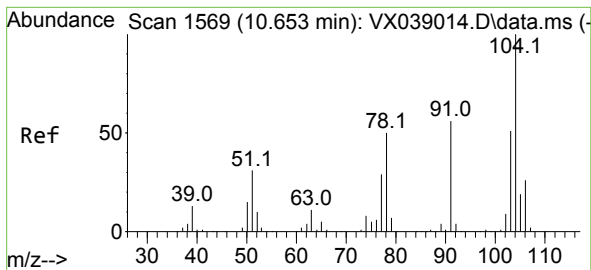
Tgt Ion:106 Resp: 139264
Ion Ratio Lower Upper
106 100
91 211.6 169.4 254.0



#68
o-Xylene
Concen: 20.766 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion:106 Resp: 68059
Ion Ratio Lower Upper
106 100
91 222.1 111.2 333.6





#69

Styrene

Concen: 20.449 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039095.D

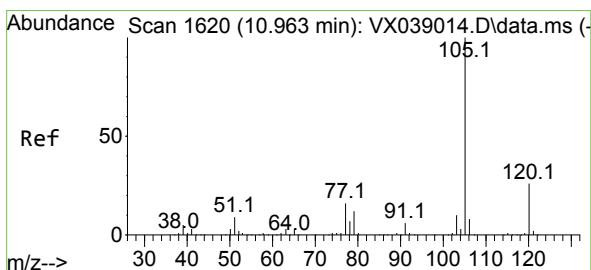
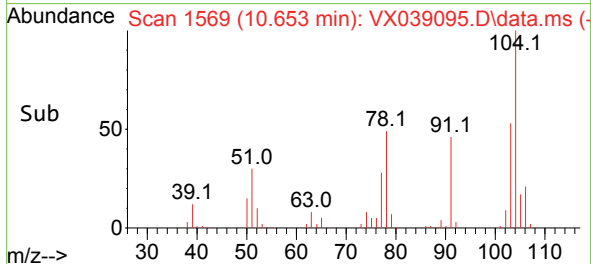
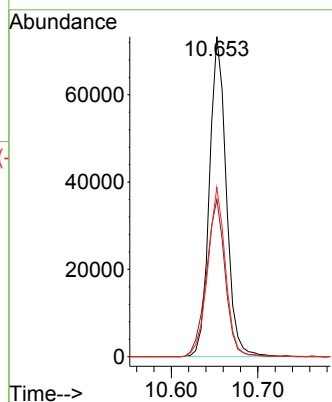
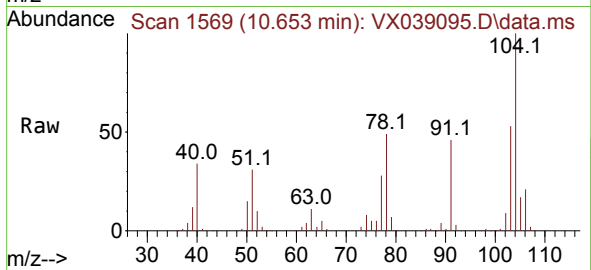
Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:104	Resp:	99189
Ion Ratio	Lower	Upper
104	100	
78	55.0	43.7 65.5
103	55.8	44.6 67.0



#70

Isopropylbenzene

Concen: 20.968 ug/l

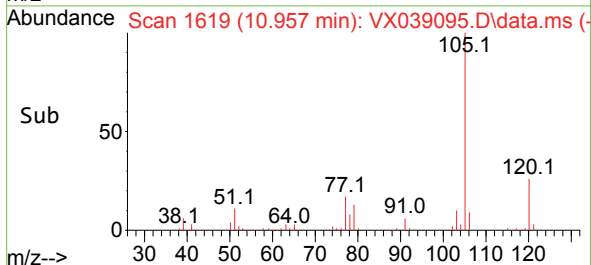
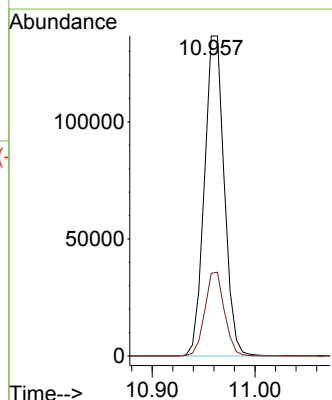
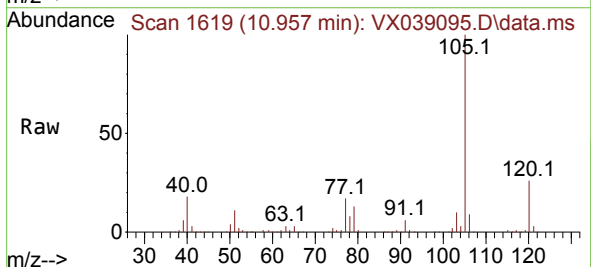
RT: 10.957 min Scan# 1619

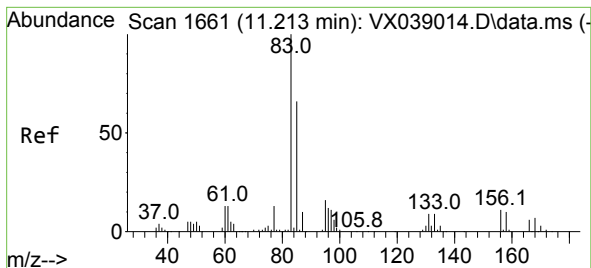
Delta R.T. -0.006 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Tgt Ion:105	Resp:	183871
Ion Ratio	Lower	Upper
105	100	
120	25.9	18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 21.345 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

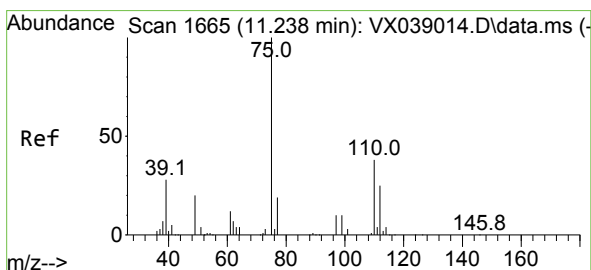
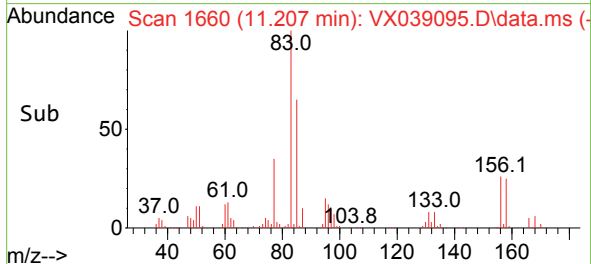
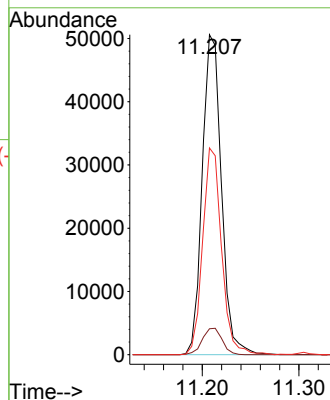
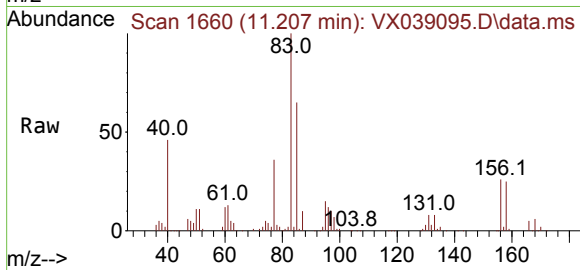
Tgt Ion: 83 Resp: 69875

Ion Ratio Lower Upper

83 100

131 8.5 4.6 13.8

85 63.5 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 29.134 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039095.D

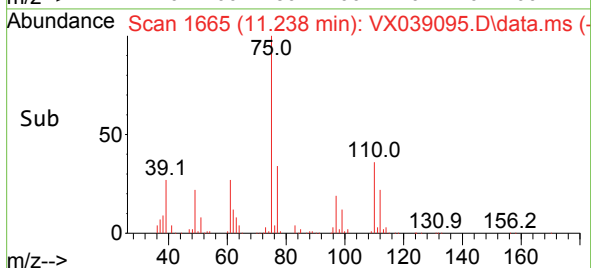
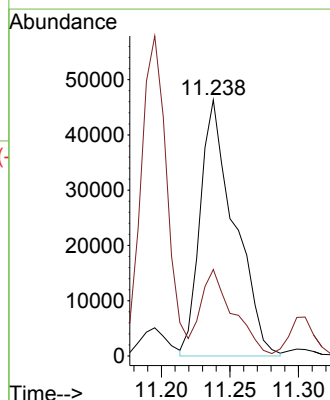
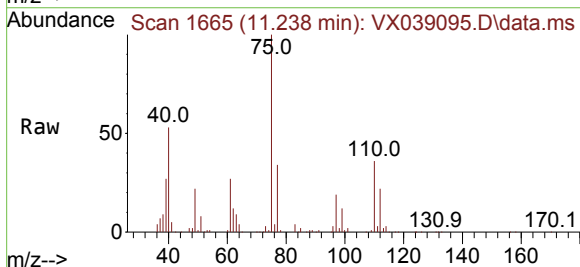
Acq: 08 Dec 2023 10:43

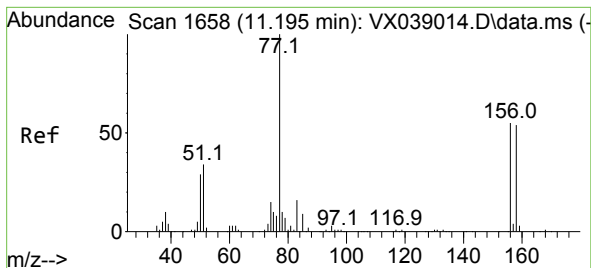
Tgt Ion: 75 Resp: 80704

Ion Ratio Lower Upper

75 100

77 32.2 0.0 76.4





#73

Bromobenzene

Concen: 20.165 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

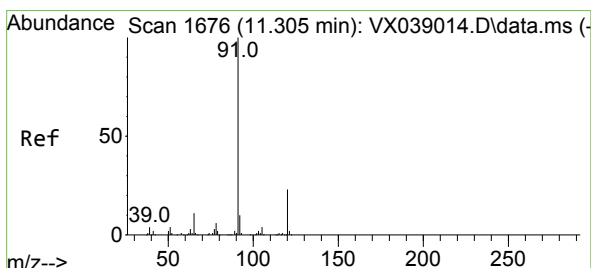
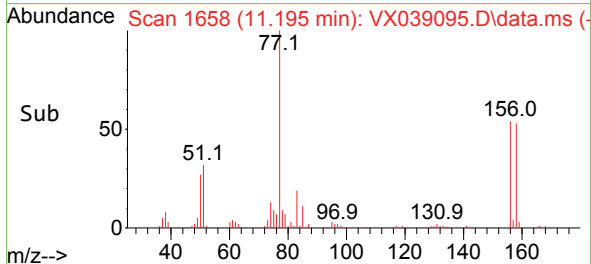
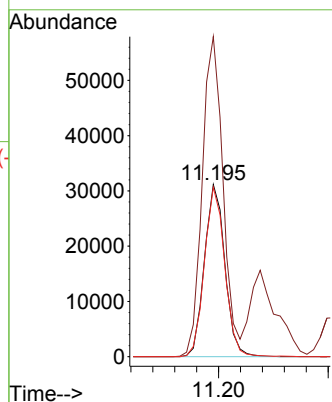
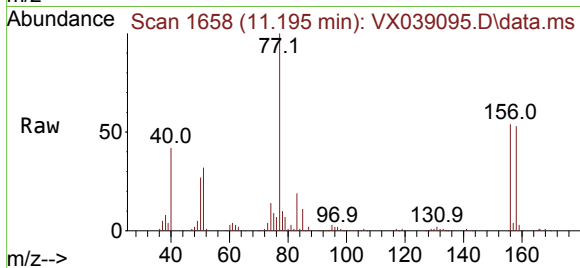
Tgt Ion:156 Resp: 40260

Ion Ratio Lower Upper

156 100

77 189.0 0.0 363.2

158 98.1 0.0 197.8



#74

n-propylbenzene

Concen: 20.979 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039095.D

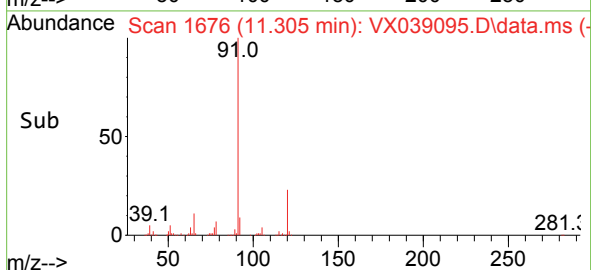
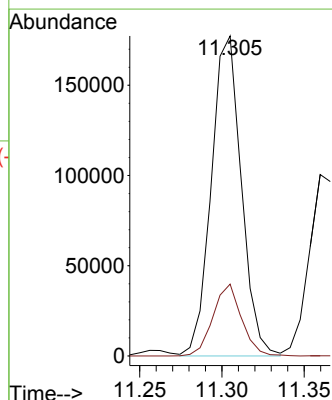
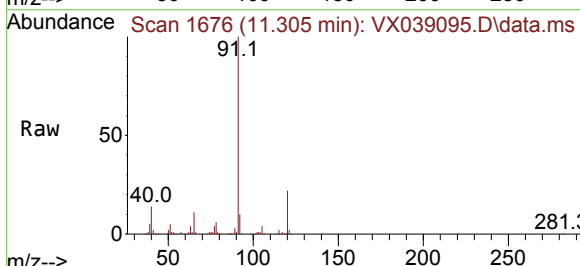
Acq: 08 Dec 2023 10:43

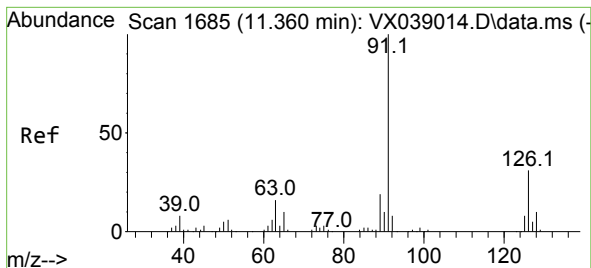
Tgt Ion: 91 Resp: 225392

Ion Ratio Lower Upper

91 100

120 21.4 0.0 43.4

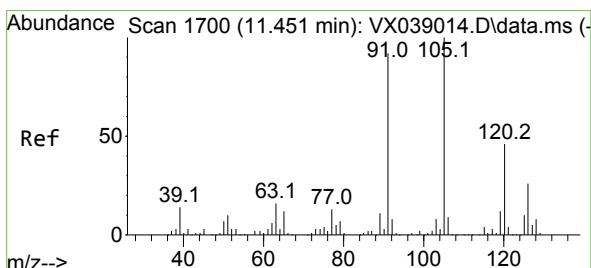
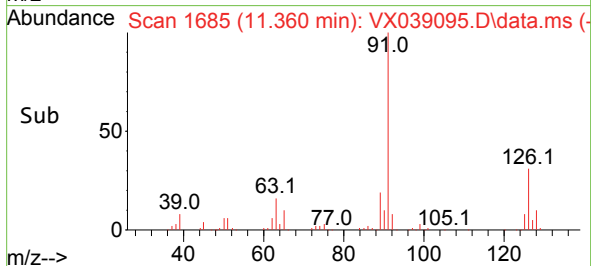
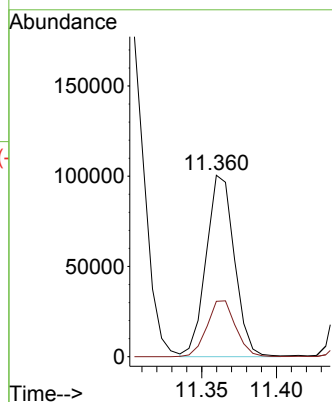
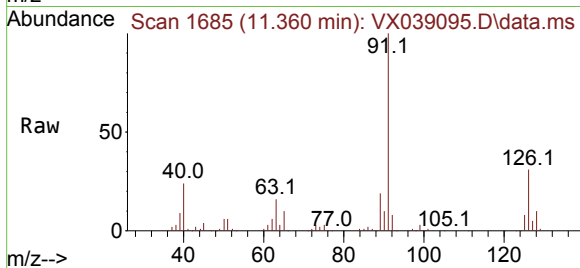




#75
2-Chlorotoluene
Concen: 20.968 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

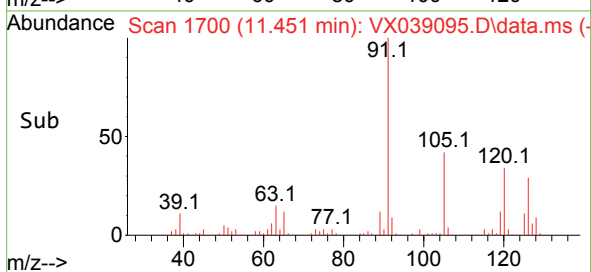
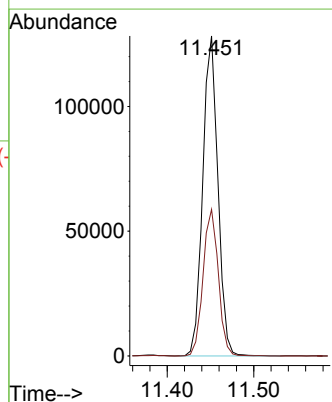
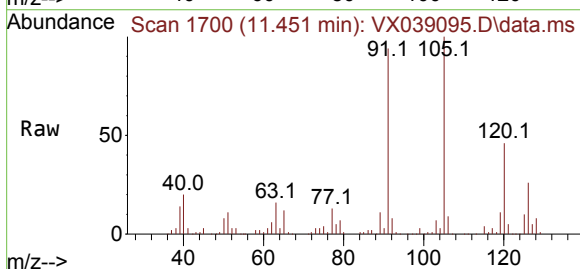
Instrument :
MSVOA_X
ClientSampleId :

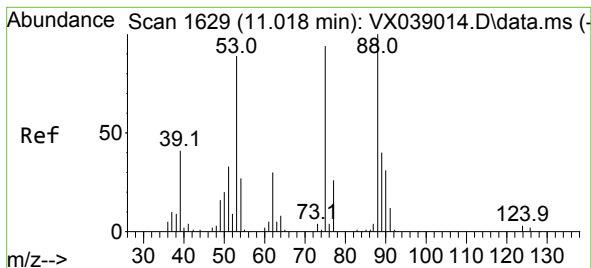
Tgt Ion: 91 Resp: 132168
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 20.614 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 105 Resp: 155726
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6

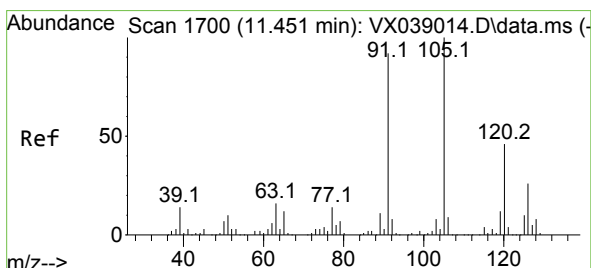
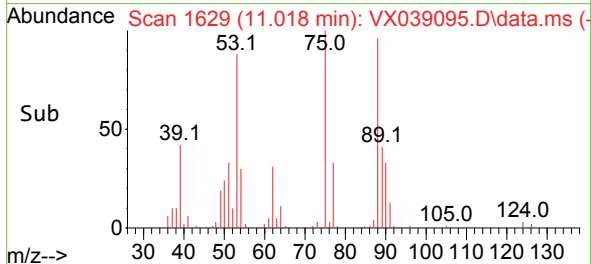
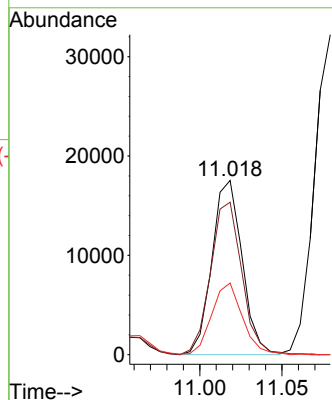
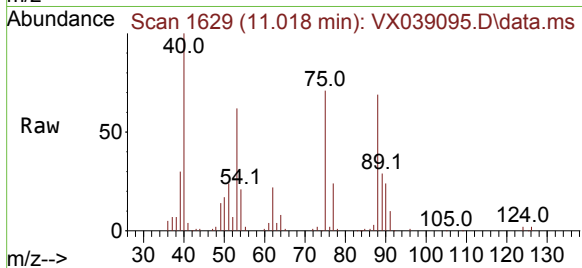




#77
t-1,4-Dichloro-2-butene
Concen: 20.380 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

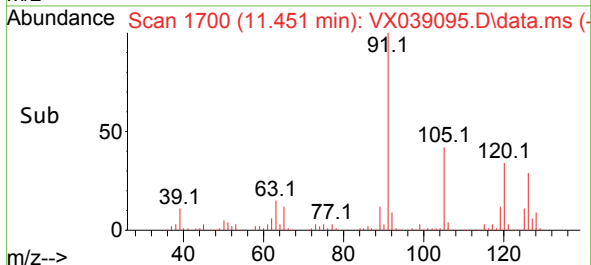
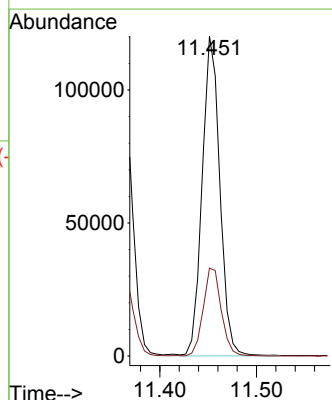
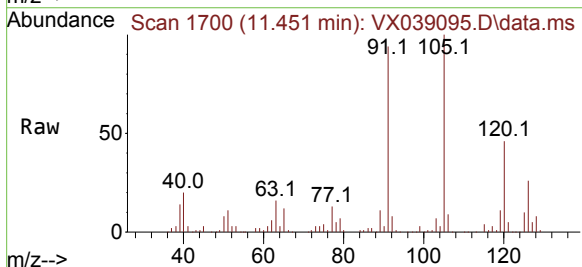
Instrument :
MSVOA_X
ClientSampleId :

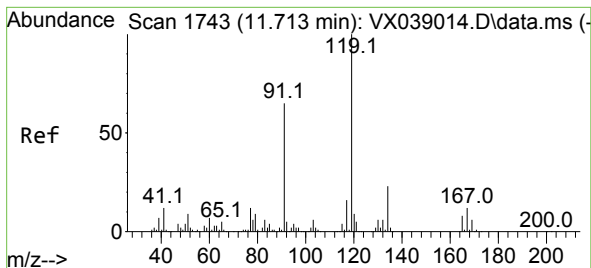
Tgt Ion: 75 Resp: 22370
Ion Ratio Lower Upper
75 100
53 87.6 46.9 140.8
89 40.8 21.3 63.7



#78
4-Chlorotoluene
Concen: 20.670 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 91 Resp: 153184
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.4





#79

tert-butylbenzene

Concen: 20.702 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

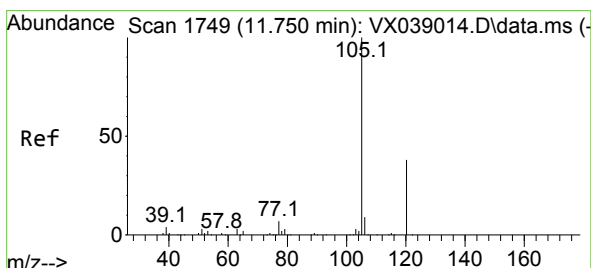
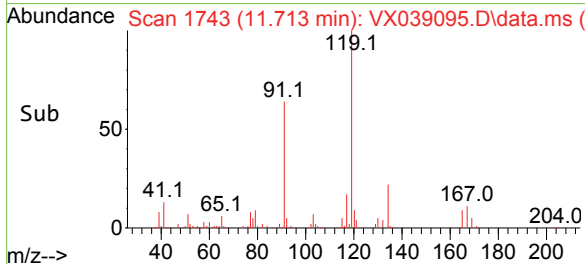
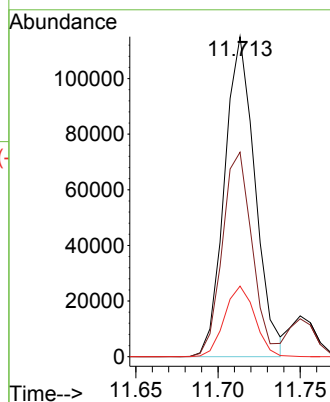
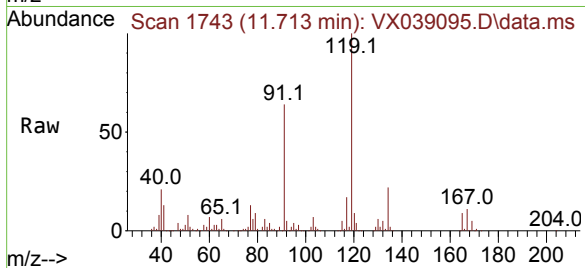
Tgt Ion:119 Resp: 148710

Ion Ratio Lower Upper

119 100

91 61.9 0.0 125.6

134 22.0 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 20.813 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039095.D

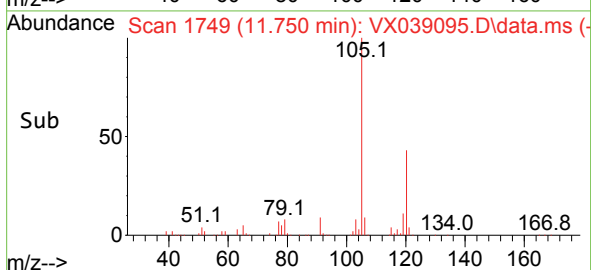
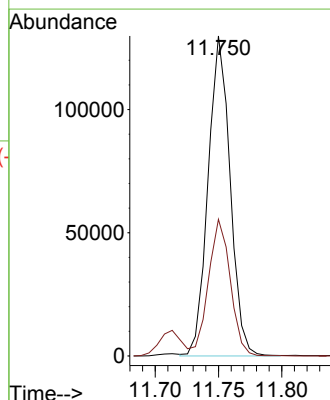
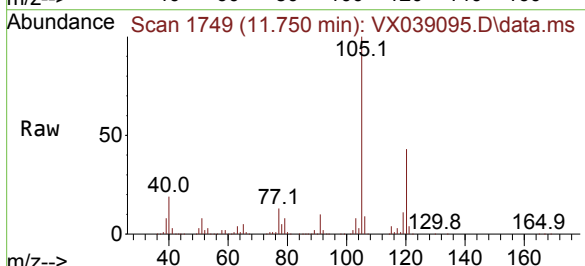
Acq: 08 Dec 2023 10:43

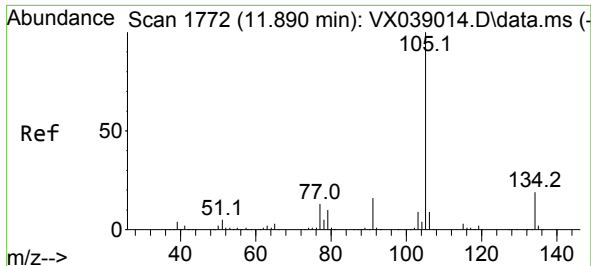
Tgt Ion:105 Resp: 157365

Ion Ratio Lower Upper

105 100

120 42.2 0.0 86.4

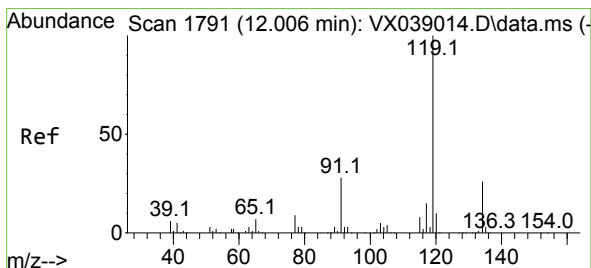
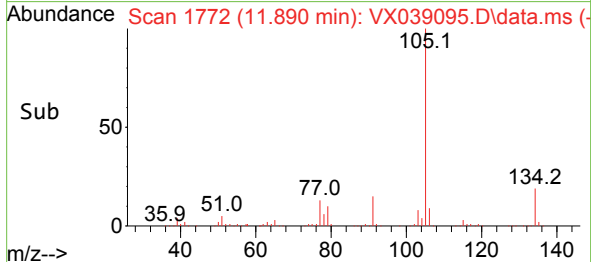
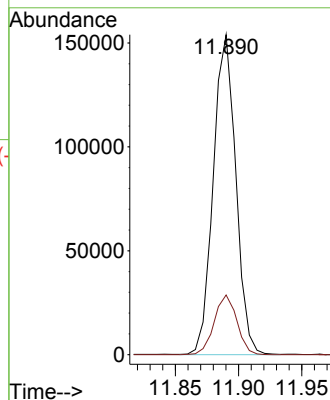
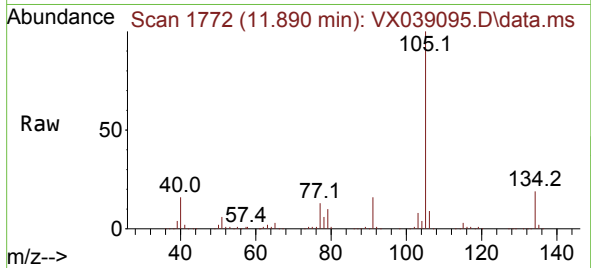




#81
 sec-Butylbenzene
 Concen: 21.015 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

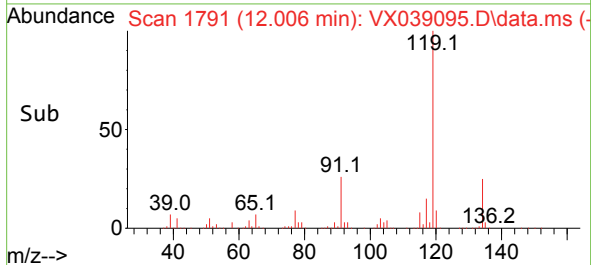
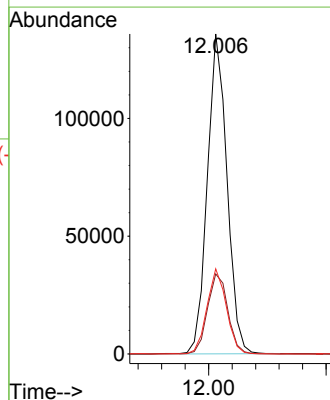
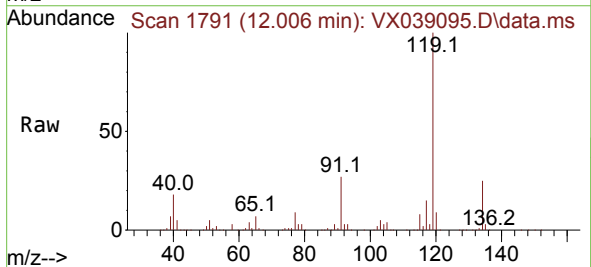
Instrument :
 MSVOA_X
 ClientSampleId :

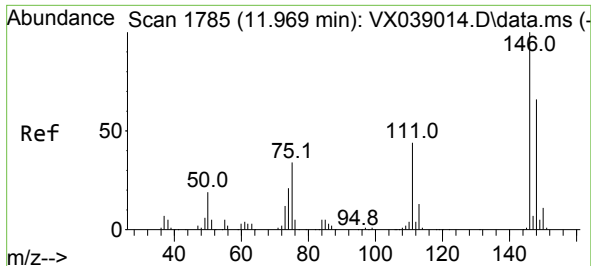
Tgt Ion:105 Resp: 190836
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 20.410 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039095.D
 Acq: 08 Dec 2023 10:43

Tgt Ion:119 Resp: 157085
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 26.3 0.0 54.2

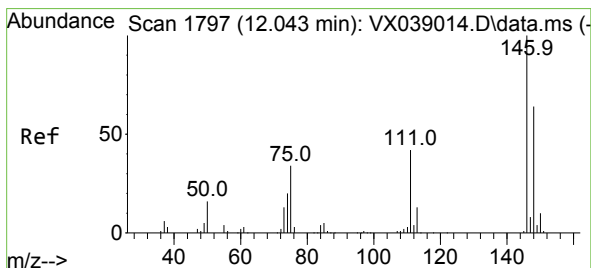
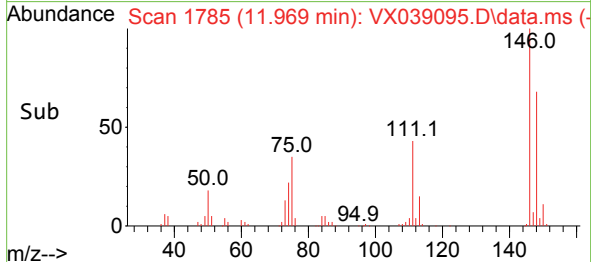
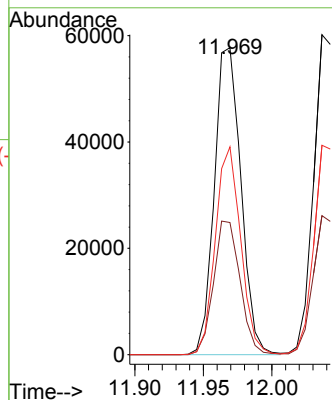
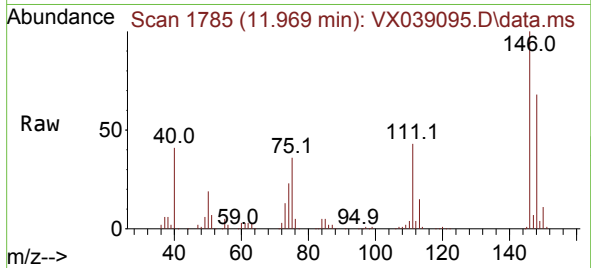




#83
1,3-Dichlorobenzene
Concen: 20.431 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

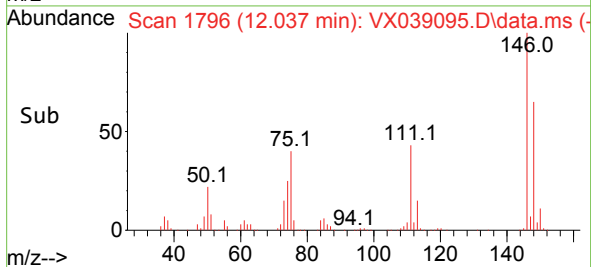
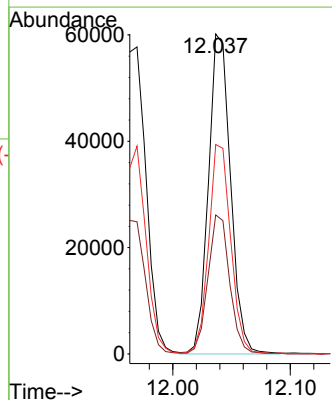
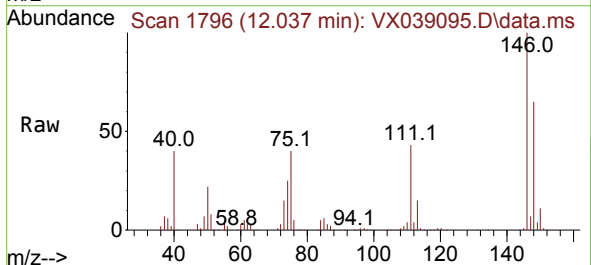
Instrument :
MSVOA_X
ClientSampleId :

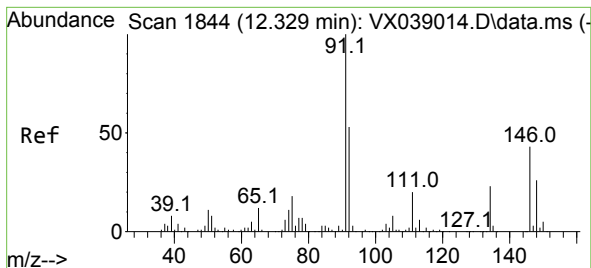
Tgt Ion:146 Resp: 78062
Ion Ratio Lower Upper
146 100
111 43.5 22.3 66.9
148 64.7 32.8 98.3



#84
1,4-Dichlorobenzene
Concen: 20.062 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

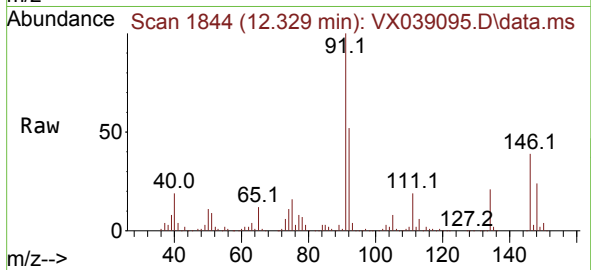
Tgt Ion:146 Resp: 78649
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 65.1 31.8 95.4



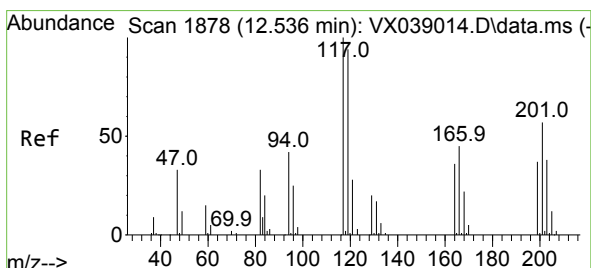
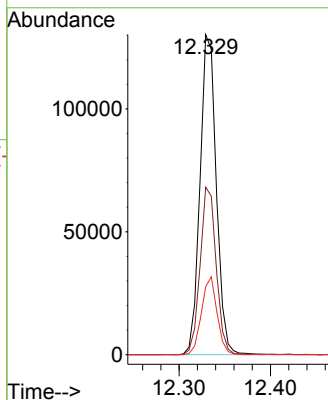
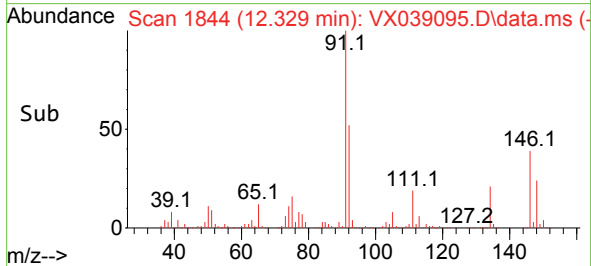


#85
n-Butylbenzene
Concen: 21.200 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Instrument :
MSVOA_X
ClientSampleId :

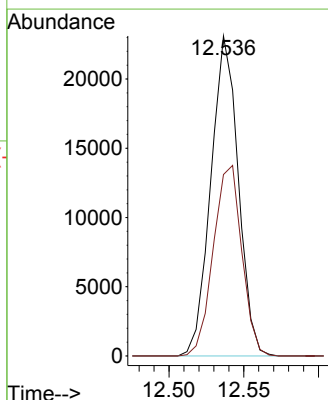
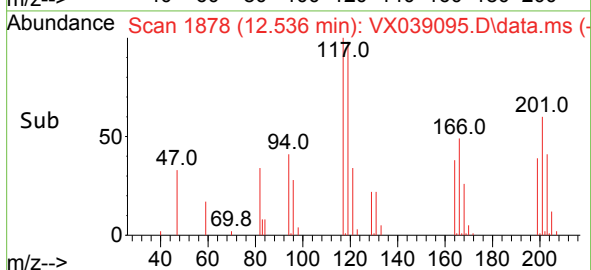
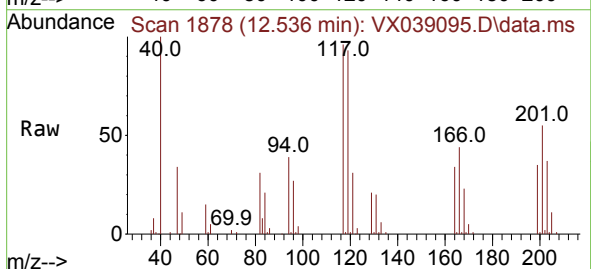


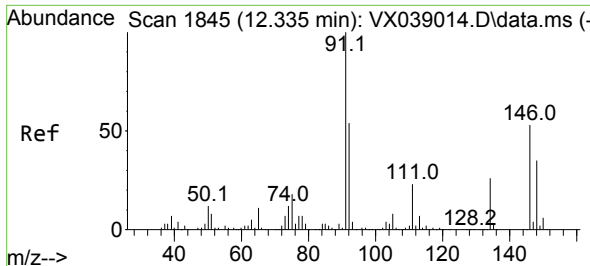
Tgt Ion: 91 Resp: 161134
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.2
134 23.1 0.0 48.8



#86
Hexachloroethane
Concen: 20.217 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 117 Resp: 29483
Ion Ratio Lower Upper
117 100
201 61.9 31.8 95.3

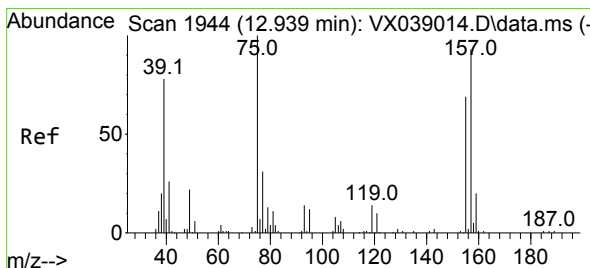
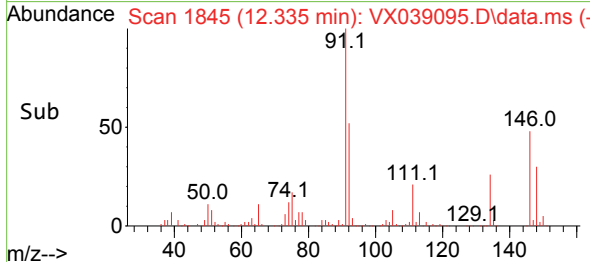
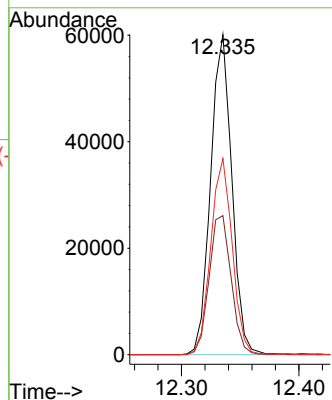
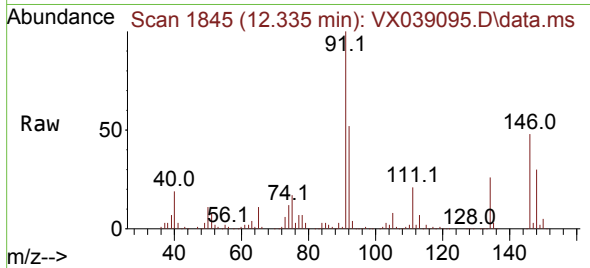




#87
1,2-Dichlorobenzene
Concen: 20.531 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

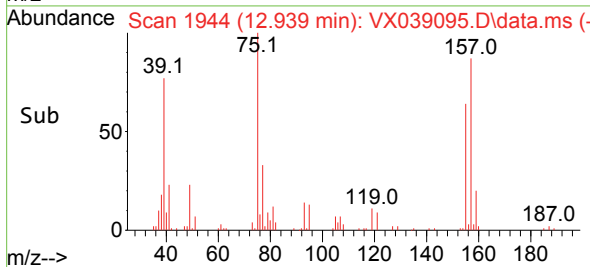
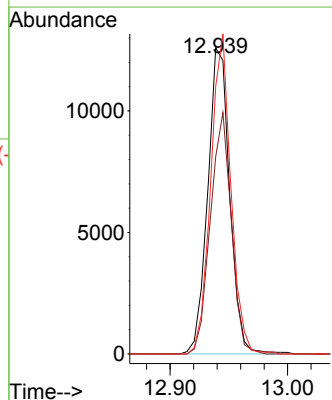
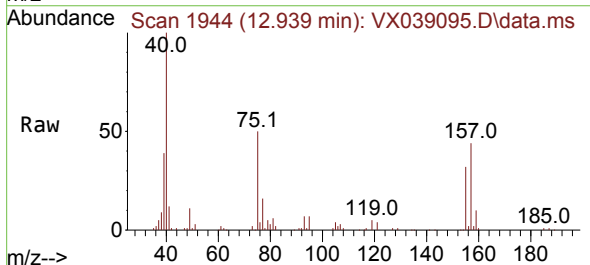
Instrument :
MSVOA_X
ClientSampleId :

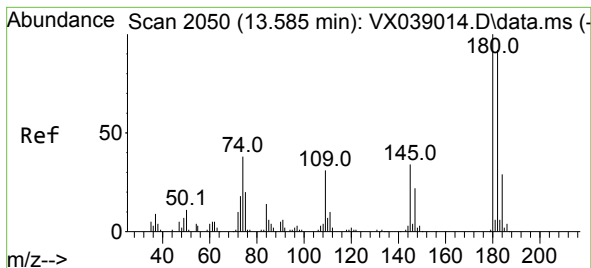
Tgt Ion:146 Resp: 75431
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.2
148 62.0 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.578 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion: 75 Resp: 16391
Ion Ratio Lower Upper
75 100
155 74.7 58.2 87.4
157 95.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.475 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

Instrument :

MSVOA_X

ClientSampleId :

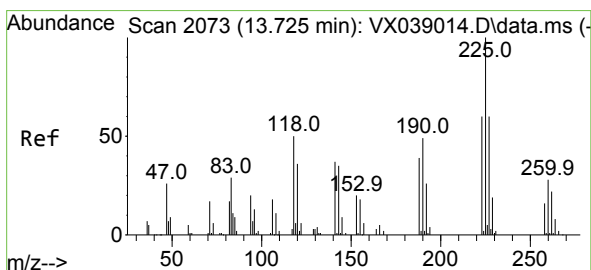
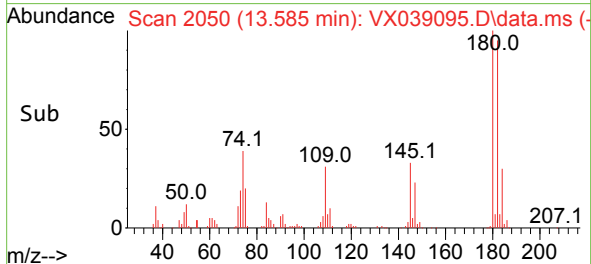
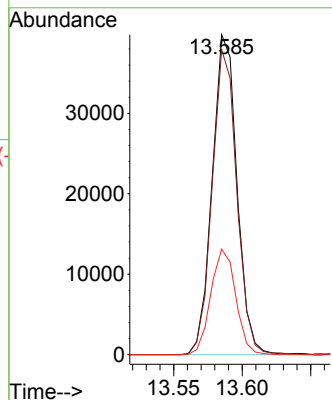
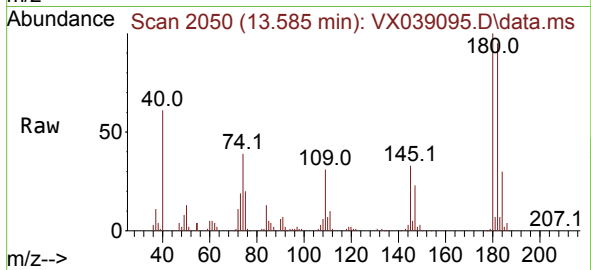
Tgt Ion:180 Resp: 49875

Ion Ratio Lower Upper

180 100

182 94.8 74.5 111.7

145 33.3 26.6 40.0



#90

Hexachlorobutadiene

Concen: 21.678 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039095.D

Acq: 08 Dec 2023 10:43

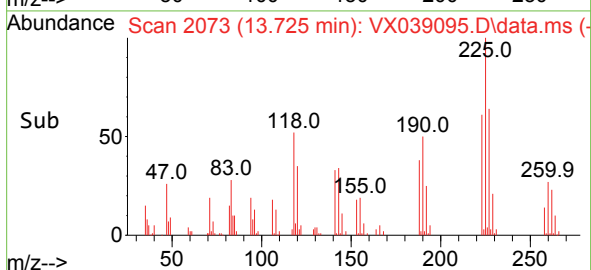
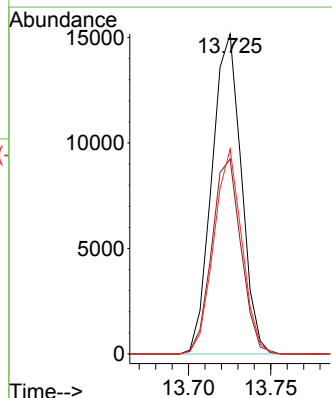
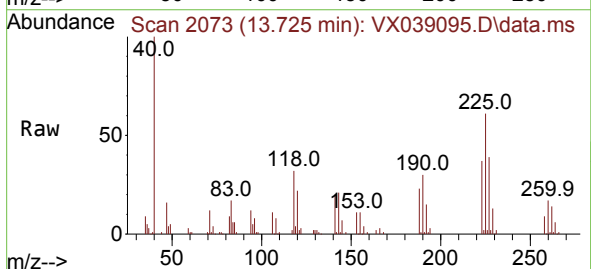
Tgt Ion:225 Resp: 18855

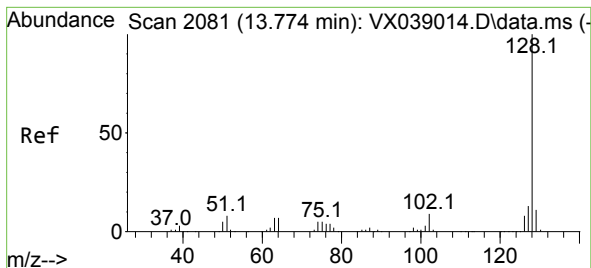
Ion Ratio Lower Upper

225 100

223 60.8 0.0 124.4

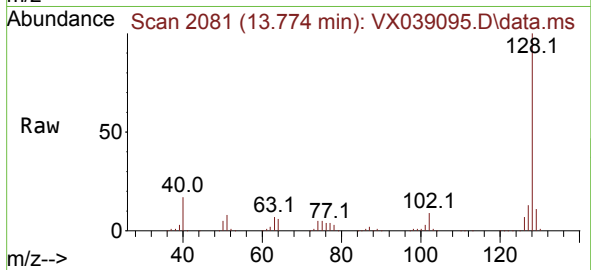
227 61.1 0.0 124.4



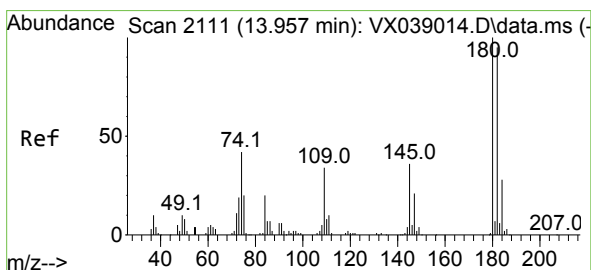
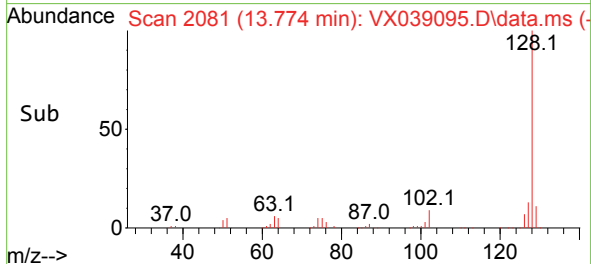
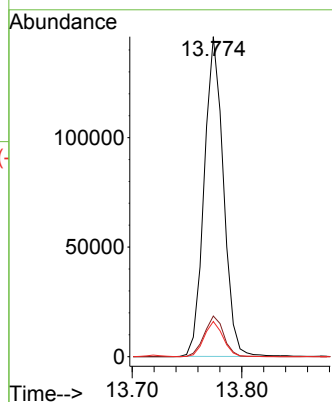


#91
Naphthalene
Concen: 19.793 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 177813
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.358 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039095.D
Acq: 08 Dec 2023 10:43

Tgt Ion:180 Resp: 48034
Ion Ratio Lower Upper
180 100
182 94.4 0.0 191.6
145 37.0 0.0 69.6

