

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039094.D
 Acq On : 08 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Dec 08 23:43:46 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	11258	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	91786	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	112314	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	47175	30.630	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.100%			
60) 4-Bromofluorobenzene	11.079	95	74079	30.198	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.667%			
63) Toluene-d8	8.647	98	134213	30.225	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31810	18.878	ug/l	97
3) Chloromethane	1.294	50	37610	19.493	ug/l	96
4) Vinyl Chloride	1.374	62	37526	19.266	ug/l	99
5) Bromomethane	1.611	94	27903	23.421	ug/l	99
6) Chloroethane	1.691	64	23304	20.545	ug/l	95
7) Trichlorofluoromethane	1.892	101	52666	19.590	ug/l	94
8) Diethyl Ether	2.130	74	20768	20.125	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33440	22.012	ug/l	98
10) 1,1-Dichloroethene	2.319	96	32669	21.334	ug/l	98
11) Methyl Iodide	2.453	142	27970	16.668	ug/l	95
12) Methyl Acetate	2.697	43	106600	22.320	ug/l	99
13) Acrolein	2.233	56	40526	96.860	ug/l	100
14) Acrylonitrile	3.056	53	124388	106.484	ug/l	99
15) Acetone	2.373	58	52664	124.029	ug/l	96
16) Carbon Disulfide	2.514	76	91131	19.649	ug/l	96
17) Allyl chloride	2.666	41	66006	21.713	ug/l	98
18) Methylene Chloride	2.788	84	38779	21.364	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	35619	20.566	ug/l	93
20) Diisopropyl ether	3.757	45	128670	22.242	ug/l #	87
21) 1,1-Dichloroethane	3.611	63	69639	21.651	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	42947	21.397	ug/l	99
23) tert-Butyl Alcohol	2.940	59	53876	83.312	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	121365	21.514	ug/l	99
25) Chloroform	5.086	83	68454	21.205	ug/l	98
26) Cyclohexane	5.470	56	60839	20.898	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	50847	19.762	ug/l	99
30) 2-Butanone	4.544	43	205404	106.030	ug/l	100
31) 2,2-Dichloropropane	4.471	77	59724	20.301	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	58805	19.773	ug/l	98
33) Carbon Tetrachloride	5.666	117	48165	19.227	ug/l	99
34) Benzene	6.031	78	154492	20.612	ug/l	97
35) Methacrylonitrile	4.916	41	35342	20.596	ug/l	91
36) 1,2-Dichloroethane	6.086	62	55613	20.221	ug/l	100
37) Trichloroethene	7.123	130	37880	19.912	ug/l	91
38) Methylcyclohexane	7.379	83	64951	20.259	ug/l	100
39) 1,2-Dichloropropane	7.427	63	42493	21.496	ug/l	98
40) Dibromomethane	7.574	93	27524	19.707	ug/l	98
41) Bromodichloromethane	7.818	83	55317	20.616	ug/l	98
42) Vinyl Acetate	3.715	43	476203	103.206	ug/l	100

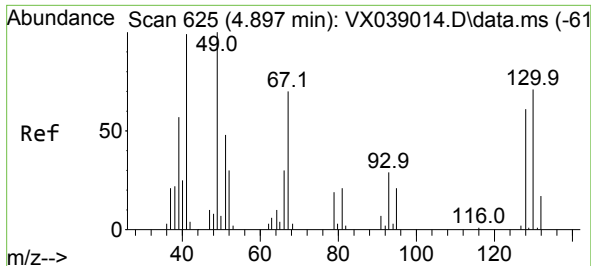
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	65526	19.661	ug/l	98
44) Isopropyl Acetate	6.330	43	107156	20.395	ug/l	100
45) 1,4-Dioxane	7.653	88	15891	296.281	ug/l	94
46) Methyl methacrylate	7.690	41	61208	20.376	ug/l	97
47) n-amyl Acetate	10.841	43	89779	20.189	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	60999	19.606	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	66256	20.643	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	39399	20.766	ug/l	98
51) Ethyl methacrylate	9.116	69	49654	20.907	ug/l	91
52) 1,3-Dichloropropane	9.305	76	67217	20.661	ug/l	99
53) Dibromochloromethane	9.519	129	40320	19.788	ug/l	99
54) 1,2-Dibromoethane	9.604	107	41024	19.717	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	147186	97.774	ug/l	99
56) Bromoform	10.799	173	27099	18.427	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	358122	105.148	ug/l	99
59) 2-Hexanone	9.427	43	296531	106.067	ug/l	100
61) Tetrachloroethene	9.269	164	28836	19.747	ug/l	97
62) Toluene	8.714	91	165485	20.753	ug/l	99
64) Chlorobenzene	10.079	112	99225	20.457	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	36098	20.665	ug/l	99
66) Ethyl Benzene	10.189	91	187695	20.672	ug/l	98
67) m/p-Xylenes	10.299	106	137854	41.087	ug/l	98
68) o-Xylene	10.640	106	67367	20.728	ug/l	99
69) Styrene	10.652	104	97503	20.271	ug/l	99
70) Isopropylbenzene	10.963	105	180500	20.757	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	68652	21.148	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	77475	28.204	ug/l	91
73) Bromobenzene	11.195	156	39821	20.114	ug/l	97
74) n-propylbenzene	11.305	91	221816	20.820	ug/l	99
75) 2-Chlorotoluene	11.360	91	128928	20.627	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	150343	20.069	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	21415	19.675	ug/l	97
78) 4-Chlorotoluene	11.451	91	151465	20.611	ug/l	97
79) tert-butylbenzene	11.713	119	146185	20.522	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	152931	20.398	ug/l	99
81) sec-Butylbenzene	11.890	105	187116	20.779	ug/l	99
82) p-Isopropyltoluene	12.006	119	152912	20.035	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	76362	20.155	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	78505	20.194	ug/l	99
85) n-Butylbenzene	12.329	91	154165	20.455	ug/l	99
86) Hexachloroethane	12.536	117	28765	19.892	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	74272	20.386	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15895	19.146	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	48759	20.186	ug/l	97
90) Hexachlorobutadiene	13.725	225	17783	20.618	ug/l	99
91) Naphthalene	13.774	128	175847	19.740	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	48688	20.810	ug/l	98

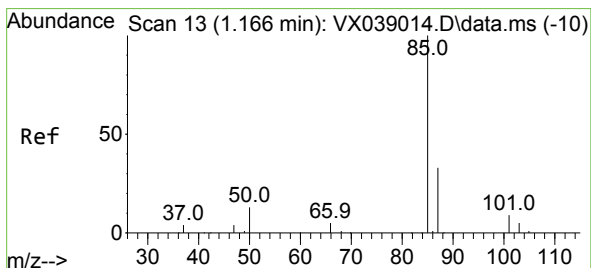
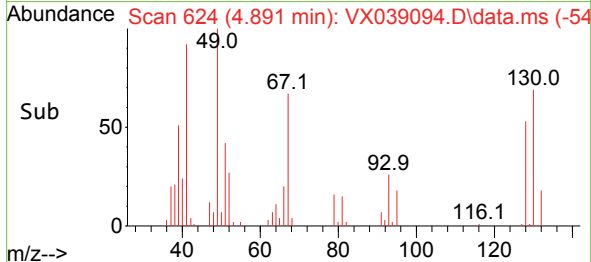
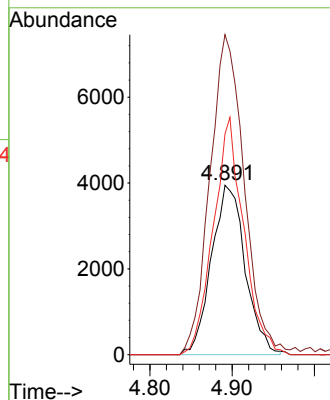
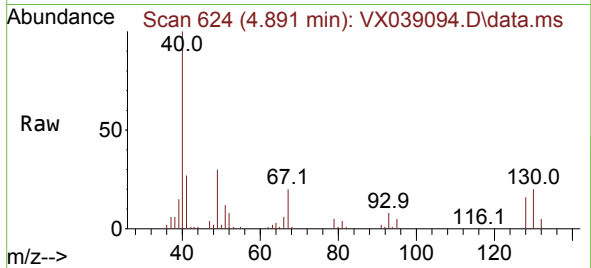
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

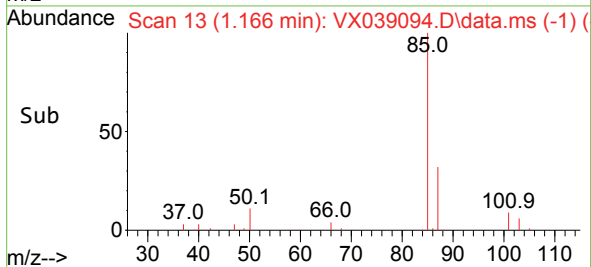
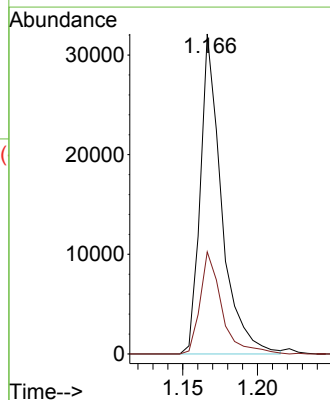
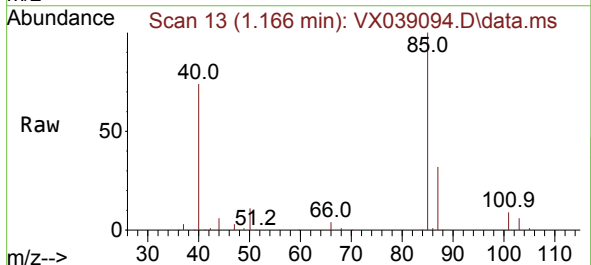
Instrument :
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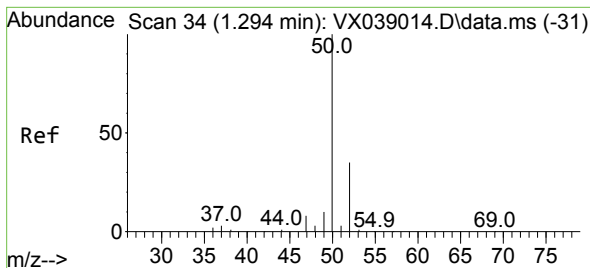
Tgt Ion:128 Resp: 11258
Ion Ratio Lower Upper
128 100
49 191.9 0.0 444.0
130 126.3 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 18.878 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 85 Resp: 31810
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3

Chloromethane

Concen: 19.493 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

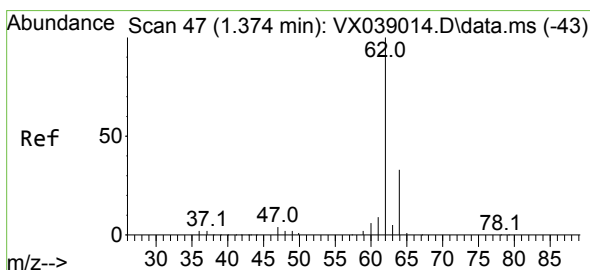
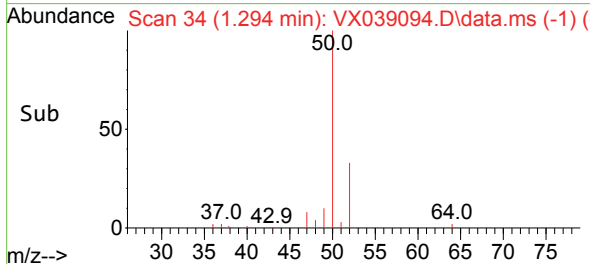
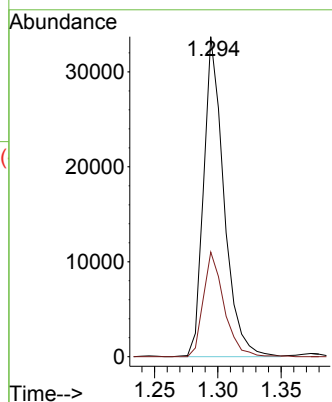
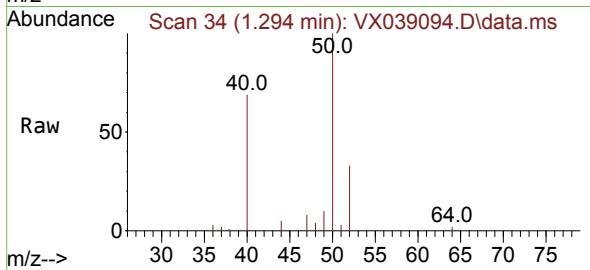
VSTDCCC020

Tgt Ion: 50 Resp: 37610

Ion Ratio Lower Upper

50 100

52 32.8 27.8 41.8



#4

Vinyl Chloride

Concen: 19.266 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX039094.D

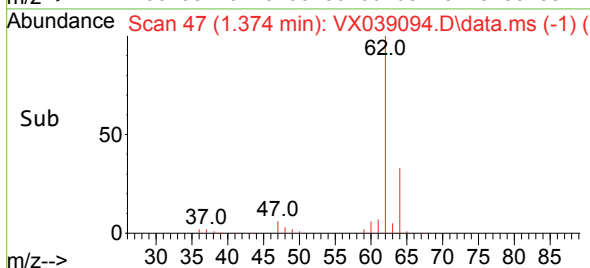
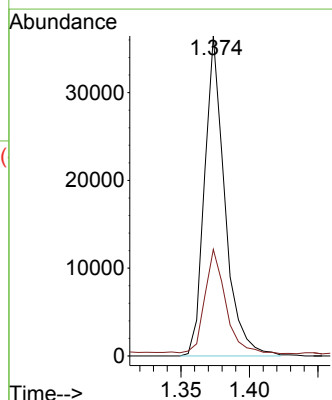
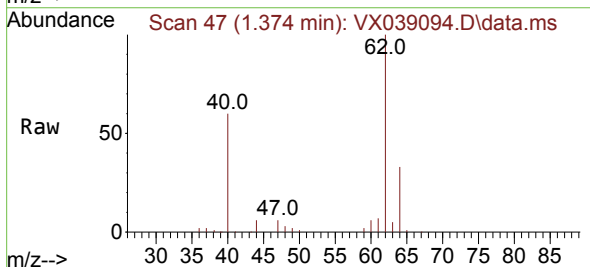
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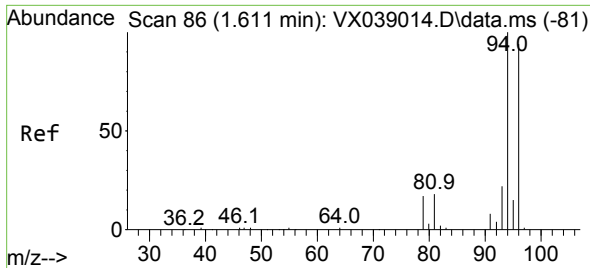
Tgt Ion: 62 Resp: 37526

Ion Ratio Lower Upper

62 100

64 32.6 26.3 39.5

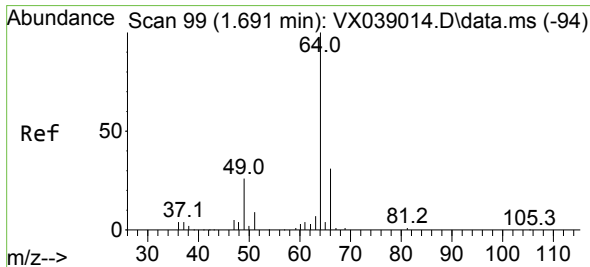
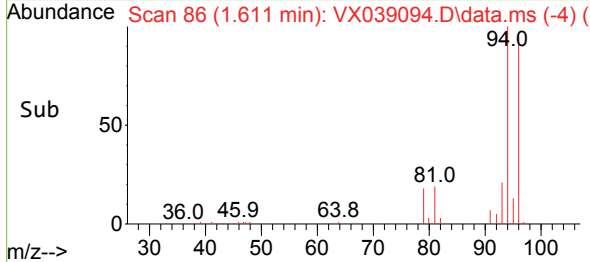
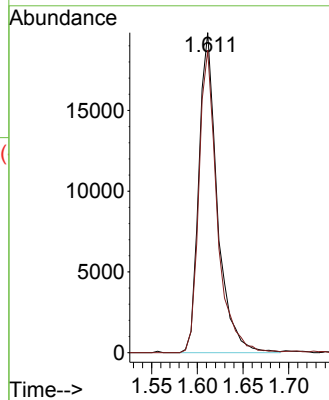
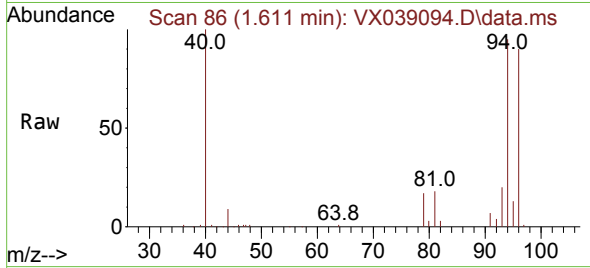




#5
Bromomethane
Concen: 23.421 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

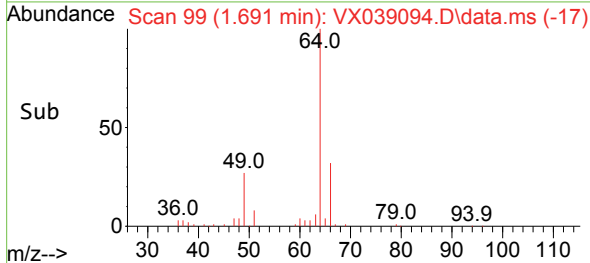
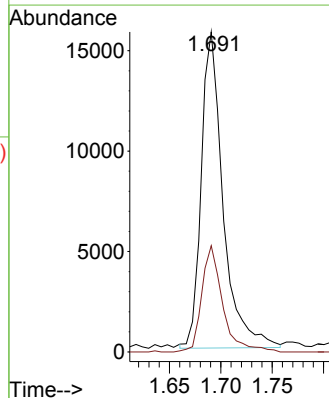
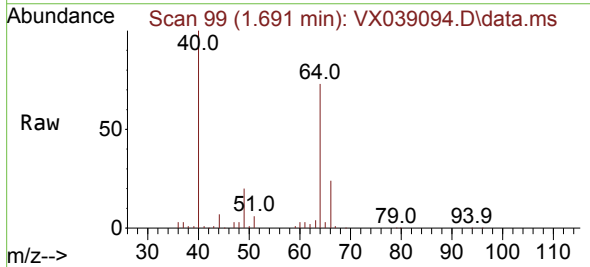
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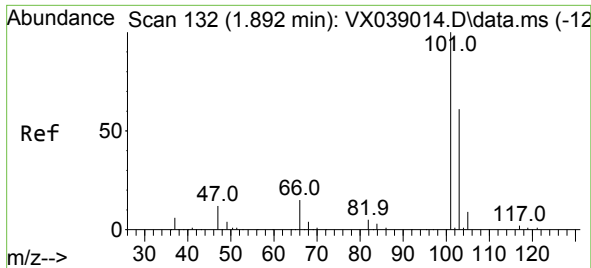
Tgt Ion: 94 Resp: 27903
Ion Ratio Lower Upper
94 100
96 94.5 74.9 112.3



#6
Chloroethane
Concen: 20.545 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 64 Resp: 23304
Ion Ratio Lower Upper
64 100
66 34.0 25.0 37.6

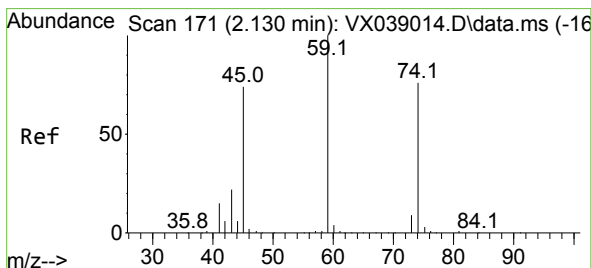
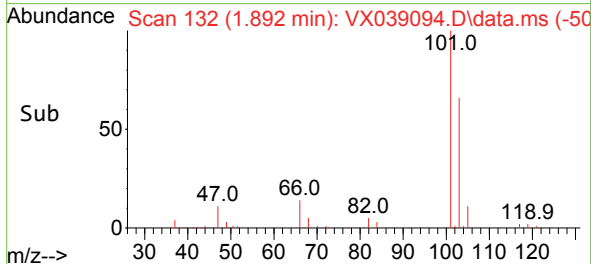
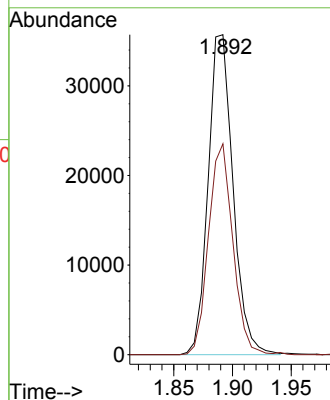
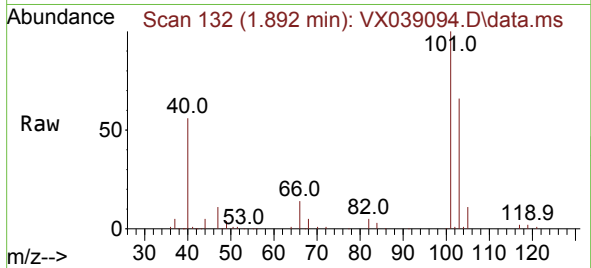




#7
 Trichlorofluoromethane
 Concen: 19.590 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

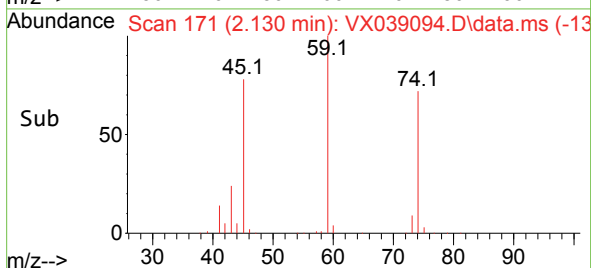
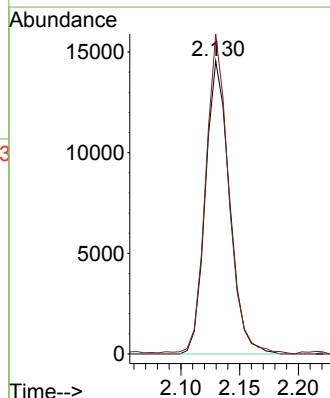
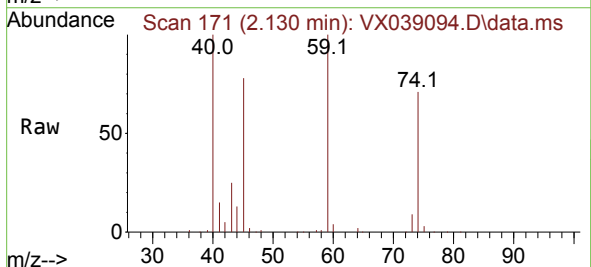
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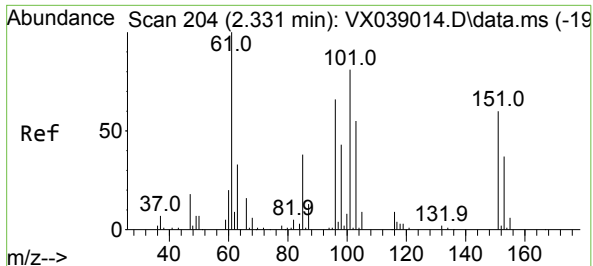
Tgt Ion:101 Resp: 52666
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.1 73.7



#8
 Diethyl Ether
 Concen: 20.125 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

Tgt Ion: 74 Resp: 20768
 Ion Ratio Lower Upper
 74 100
 45 104.7 20.5 184.5

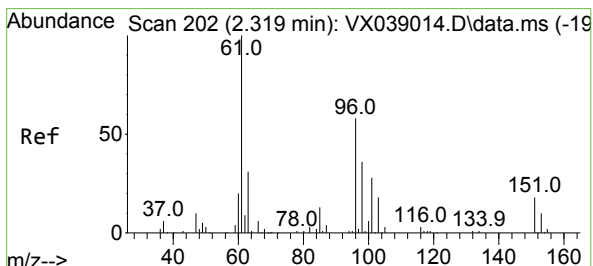
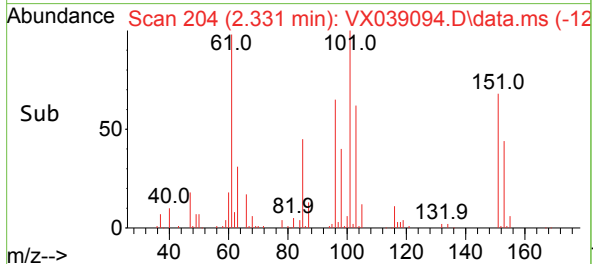
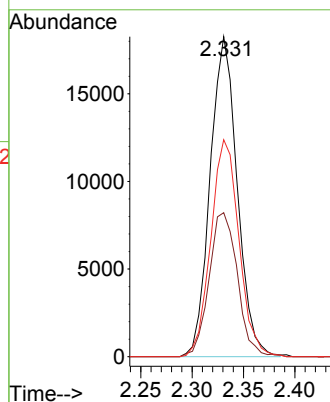
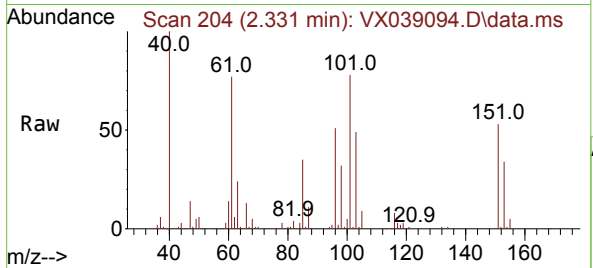




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.012 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

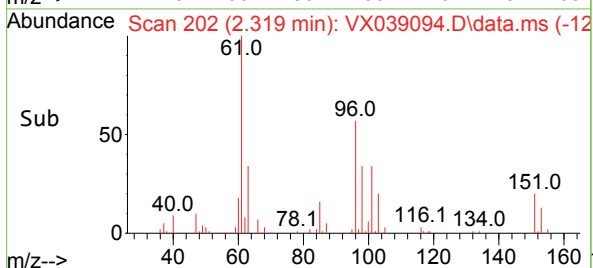
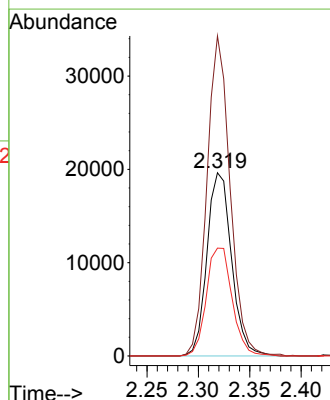
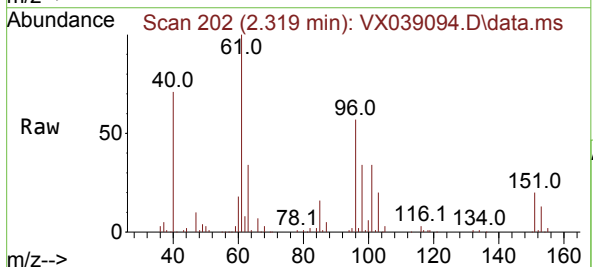
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VSTDCCC020

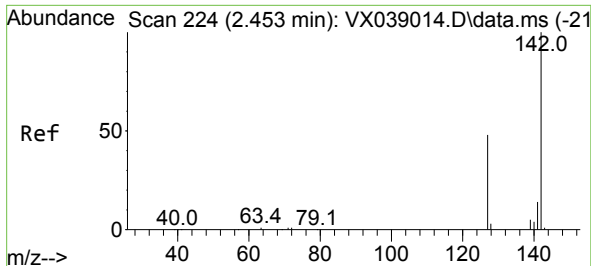
Tgt Ion:101 Resp: 33440
Ion Ratio Lower Upper
101 100
85 46.9 0.0 95.2
151 70.5 0.0 136.8



#10
1,1-Dichloroethene
Concen: 21.334 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

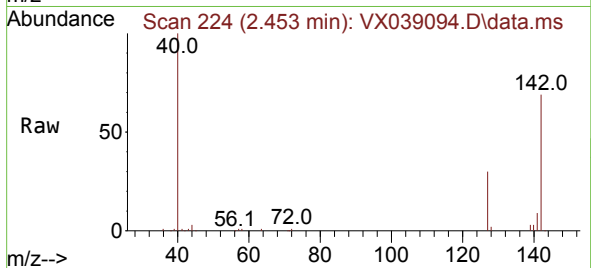
Tgt Ion: 96 Resp: 32669
Ion Ratio Lower Upper
96 100
61 174.6 138.3 207.5
98 58.8 49.8 74.6



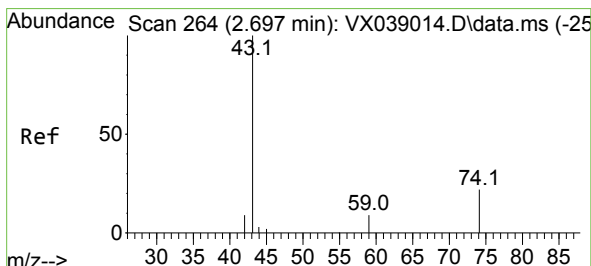
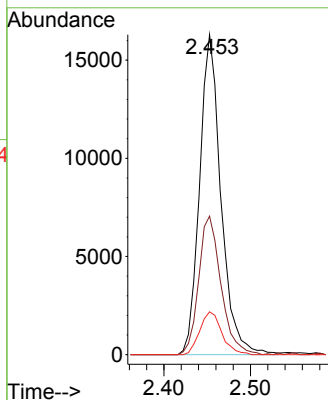
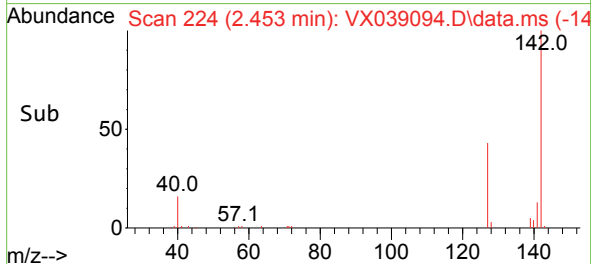


#11
Methyl Iodide
Concen: 16.668 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

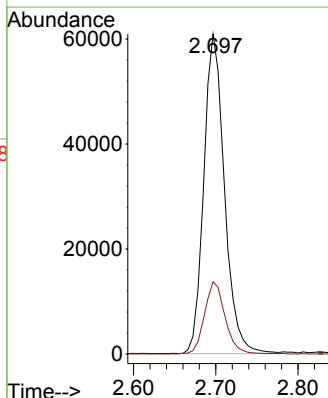
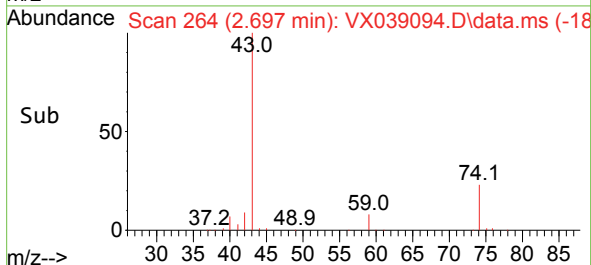
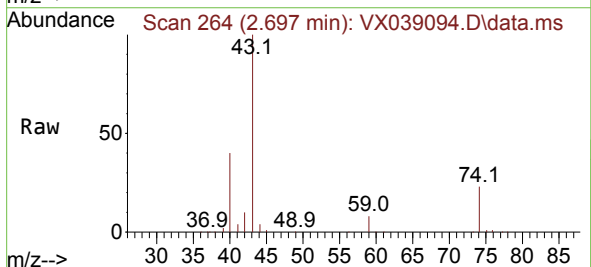


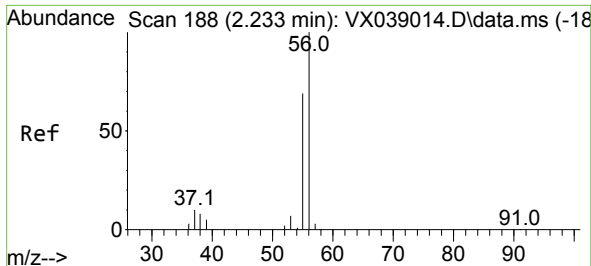
Tgt Ion:142 Resp: 27970
Ion Ratio Lower Upper
142 100
127 43.1 23.8 71.4
141 13.4 6.9 20.6



#12
Methyl Acetate
Concen: 22.320 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 43 Resp: 106600
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6

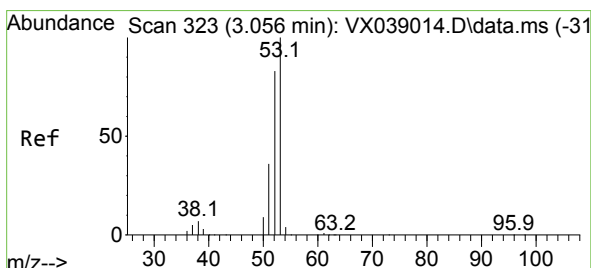
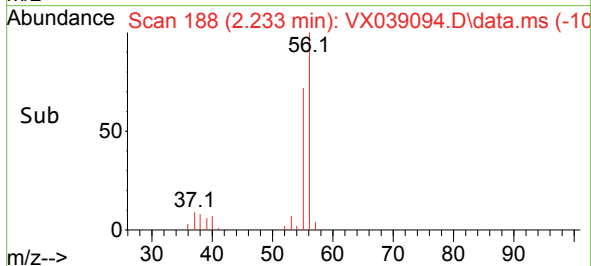
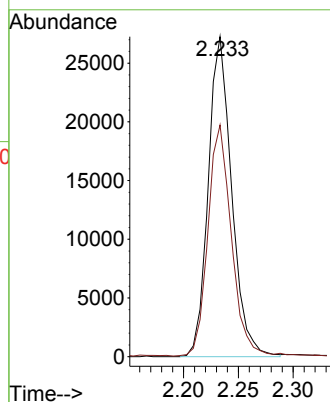
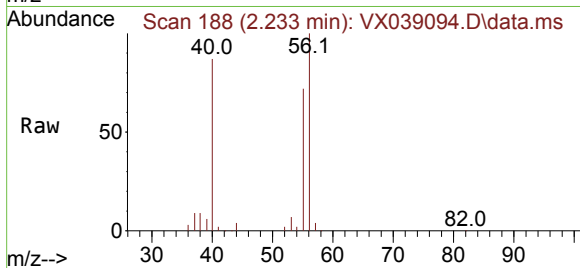




#13
Acrolein
Concen: 96.860 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

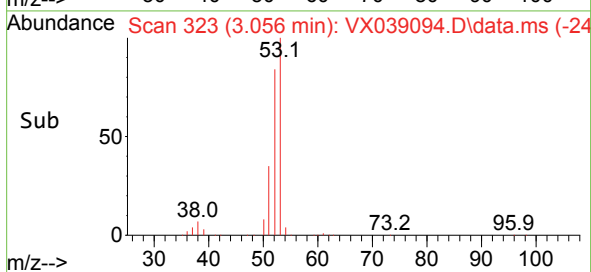
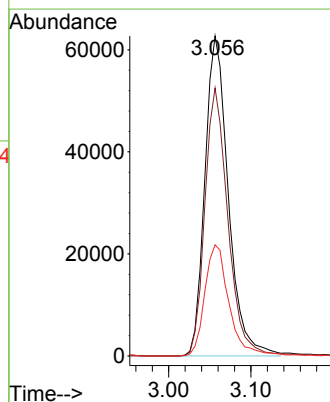
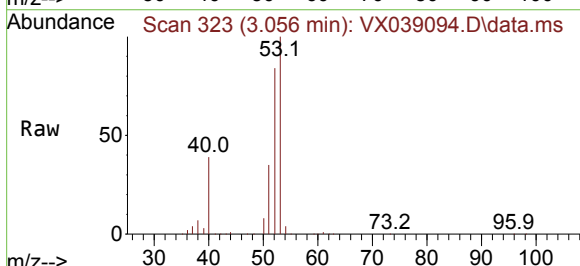
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

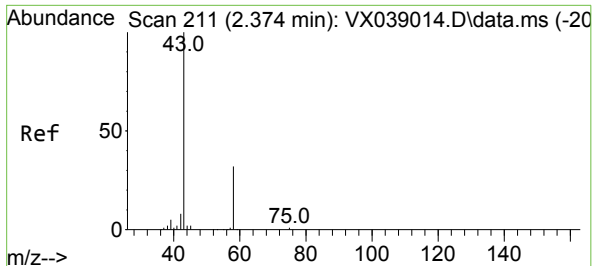
Tgt Ion: 56 Resp: 40526
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8



#14
Acrylonitrile
Concen: 106.484 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 53 Resp: 124388
Ion Ratio Lower Upper
53 100
52 82.4 41.9 125.6
51 35.8 18.3 54.9

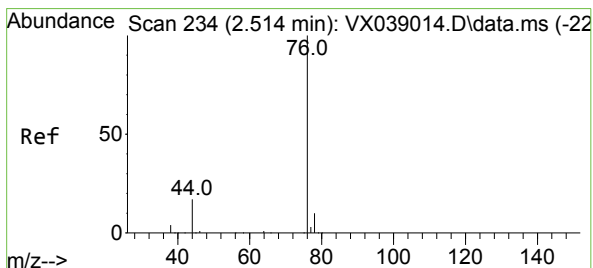
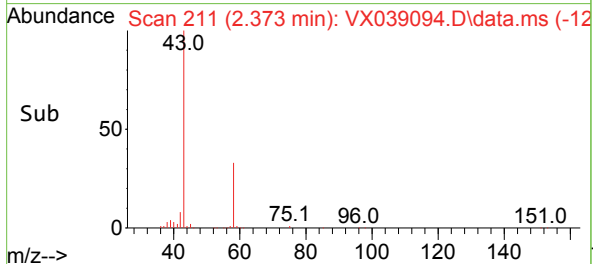
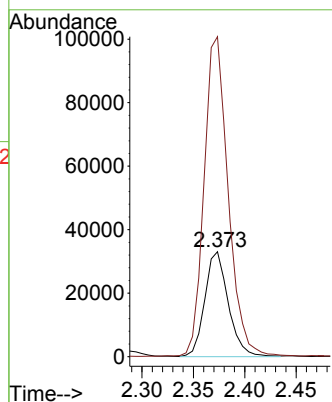
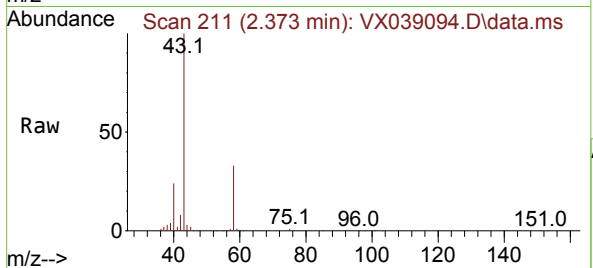




#15
Acetone
Concen: 124.029 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

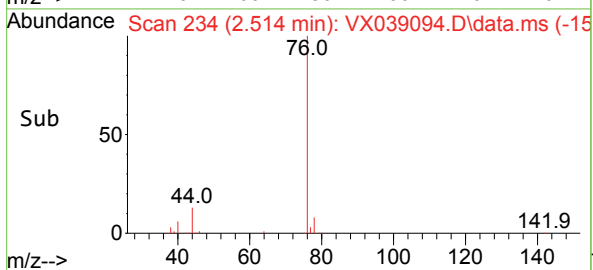
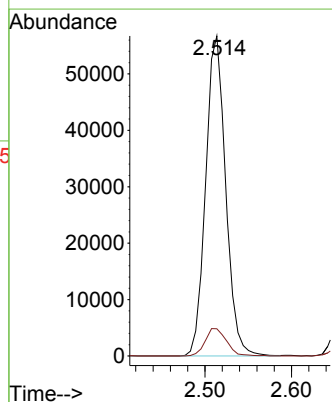
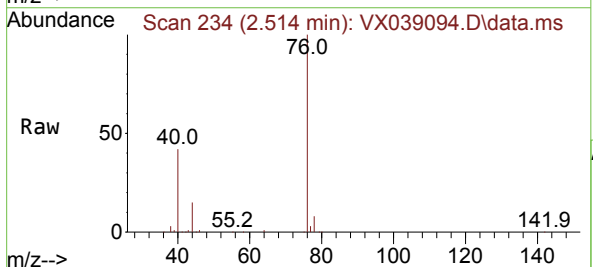
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

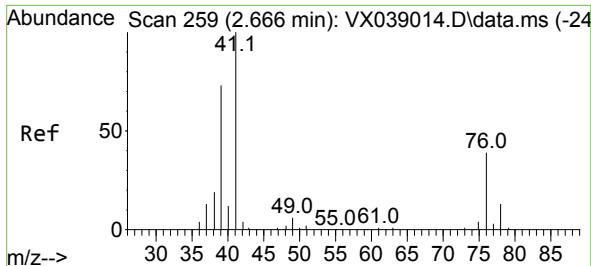
Tgt Ion: 58 Resp: 52664
Ion Ratio Lower Upper
58 100
43 304.4 249.9 374.9



#16
Carbon Disulfide
Concen: 19.649 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 76 Resp: 91131
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0

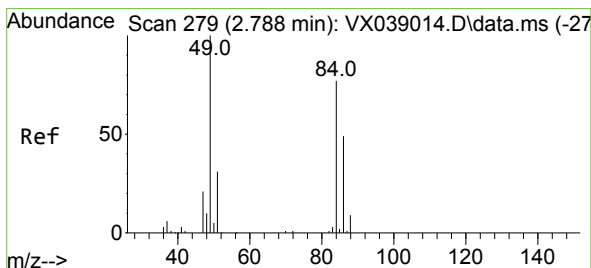
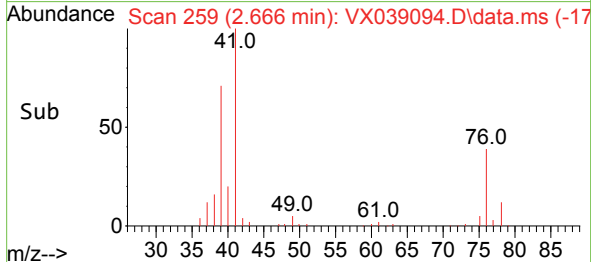
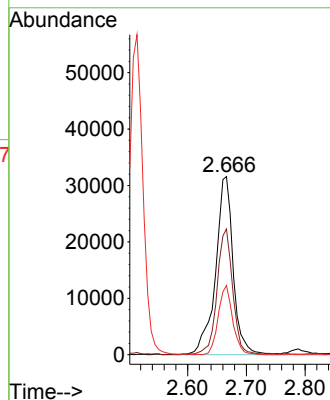
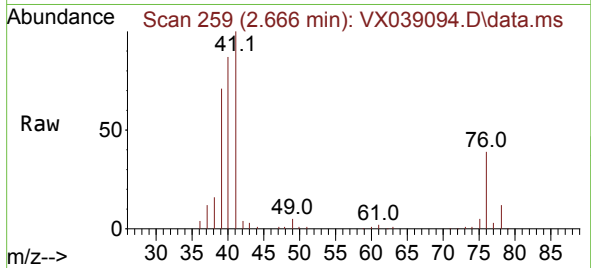




#17
 Allyl chloride
 Concen: 21.713 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

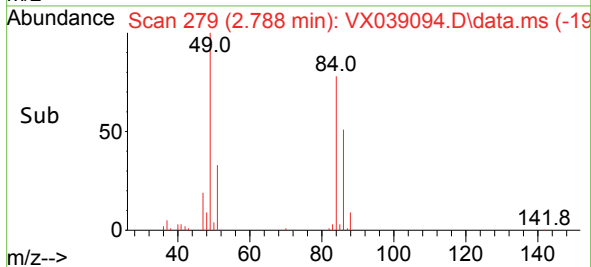
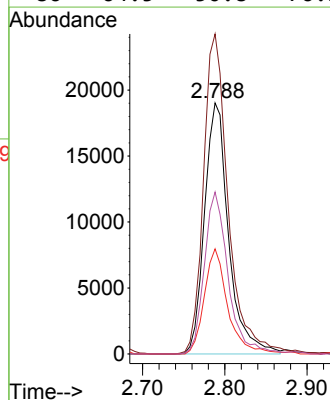
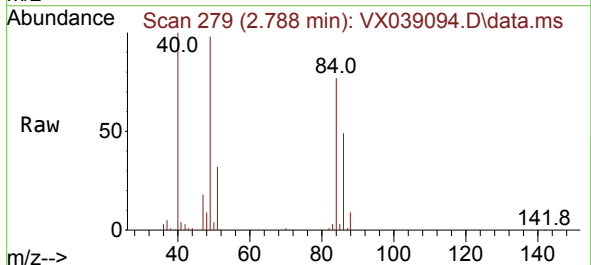
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

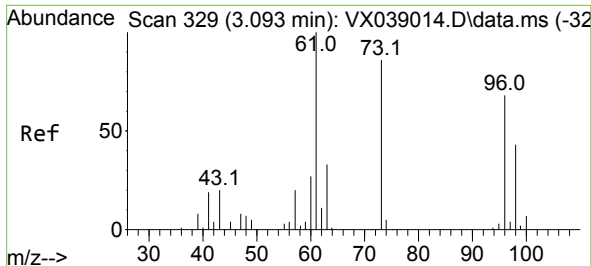
Tgt Ion:	41	Resp:	66006
Ion Ratio	Lower	Upper	
41	100		
39	70.4	36.5	109.5
76	38.8	19.7	59.0



#18
 Methylene Chloride
 Concen: 21.364 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

Tgt Ion:	84	Resp:	38779
Ion Ratio	Lower	Upper	
84	100		
49	127.2	103.8	155.8
51	41.9	31.8	47.6
86	64.5	50.8	76.2

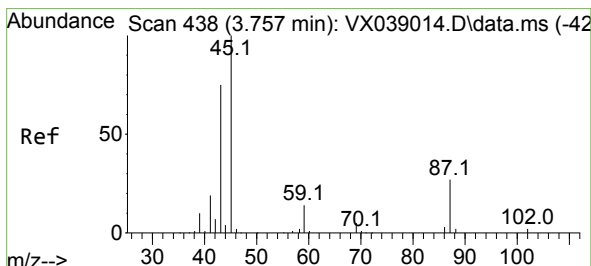
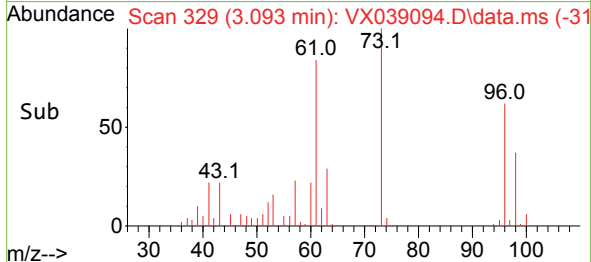
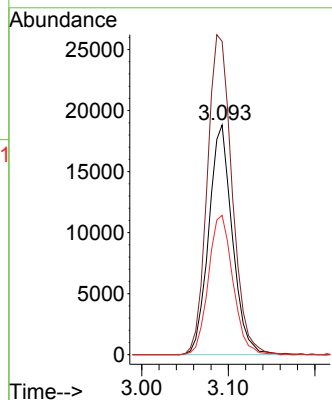
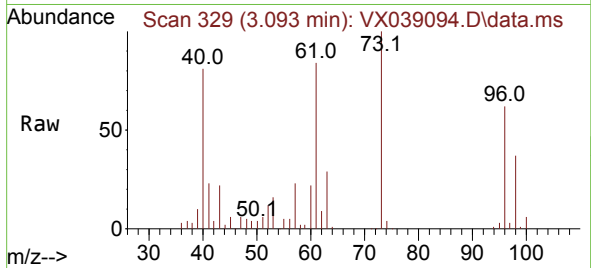




#19
trans-1,2-Dichloroethene
Concen: 20.566 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

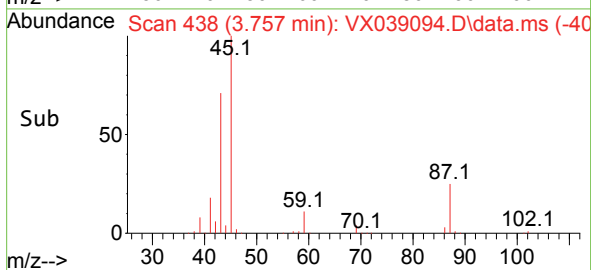
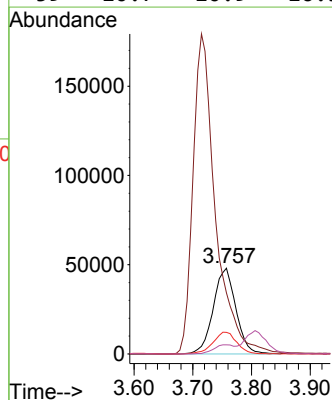
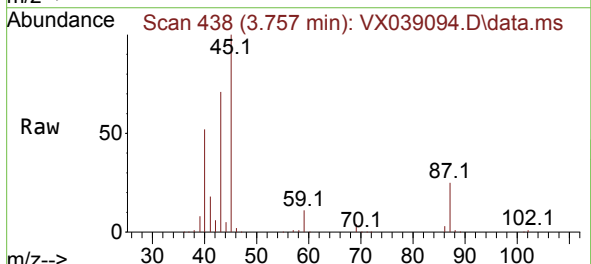
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

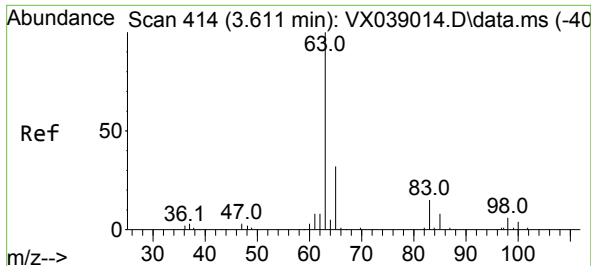
Tgt Ion: 96 Resp: 35619
Ion Ratio Lower Upper
96 100
61 136.4 117.9 176.9
98 60.6 51.0 76.6



#20
Diisopropyl ether
Concen: 22.242 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 45 Resp: 128670
Ion Ratio Lower Upper
45 100
43 69.4 67.7 101.5
87 25.2 21.5 32.3
59 10.7 10.9 16.3#





#21

1,1-Dichloroethane

Concen: 21.651 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

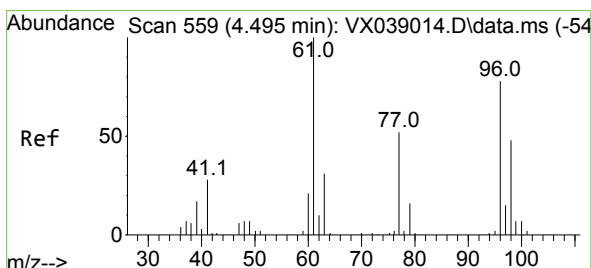
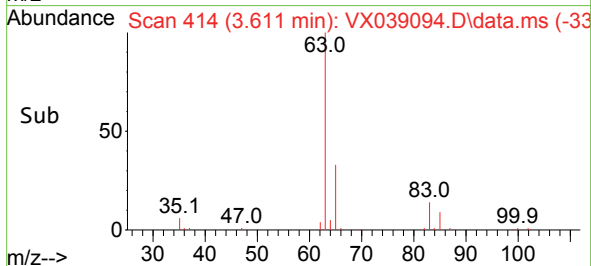
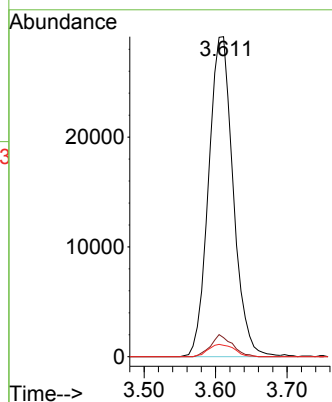
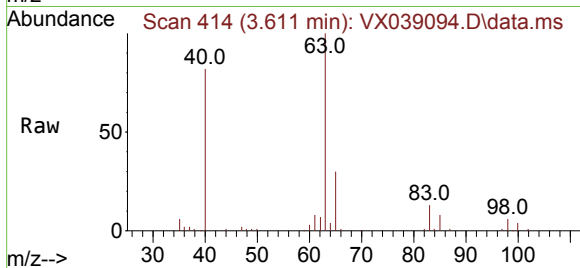
Tgt Ion: 63 Resp: 69639

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.6 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 21.397 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

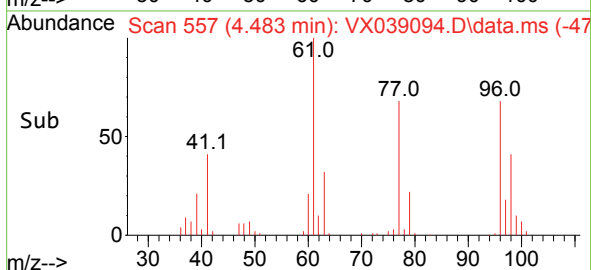
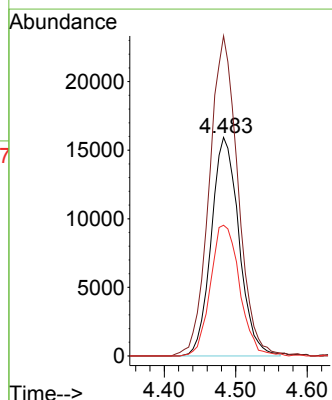
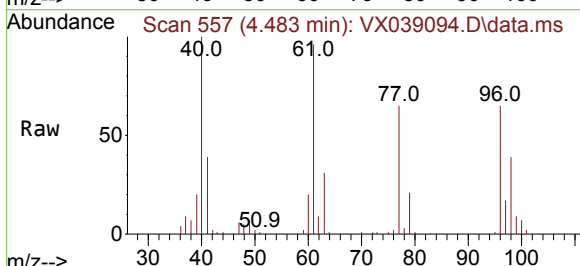
Tgt Ion: 96 Resp: 42947

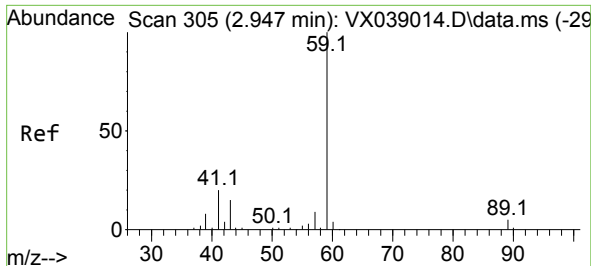
Ion Ratio Lower Upper

96 100

61 151.4 119.8 179.6

98 62.7 50.9 76.3

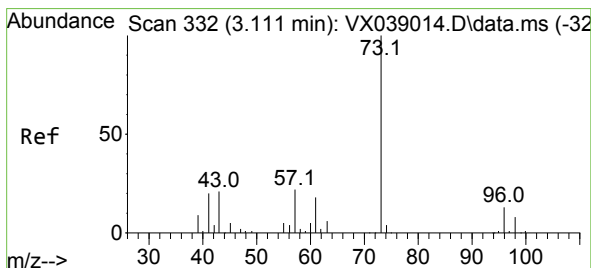
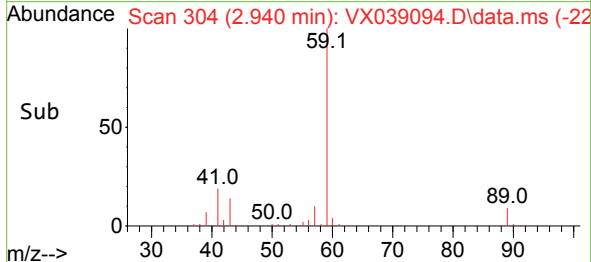
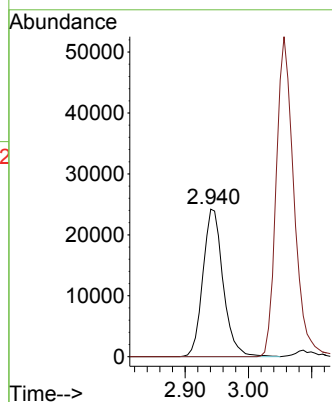
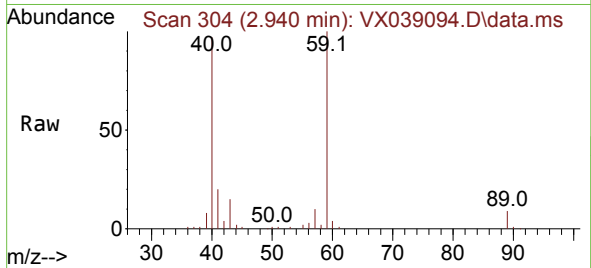




#23
tert-Butyl Alcohol
Concen: 83.312 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

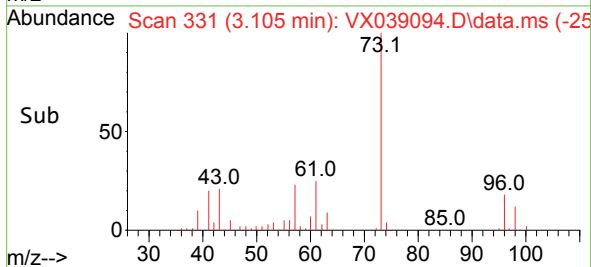
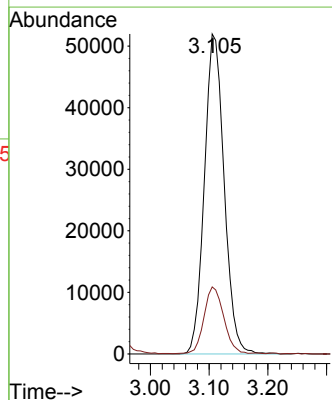
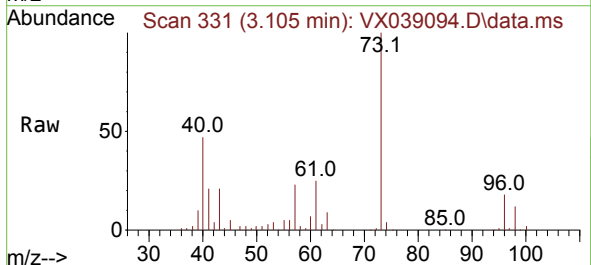
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

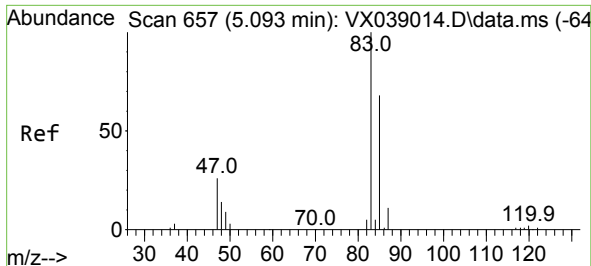
Tgt Ion: 59 Resp: 53876
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.514 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 73 Resp: 121365
Ion Ratio Lower Upper
73 100
43 21.0 17.0 25.6

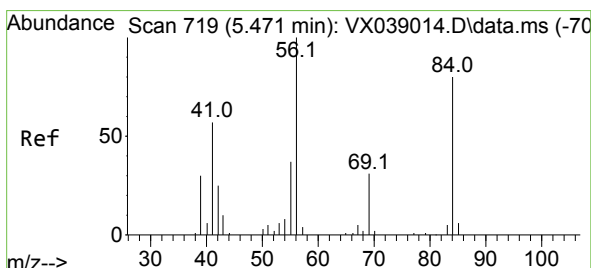
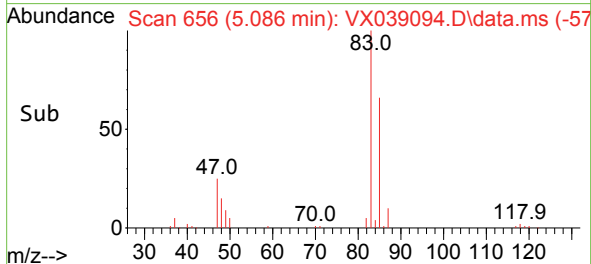
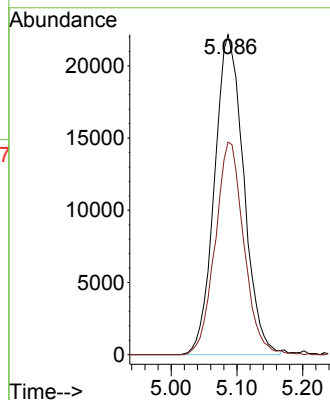
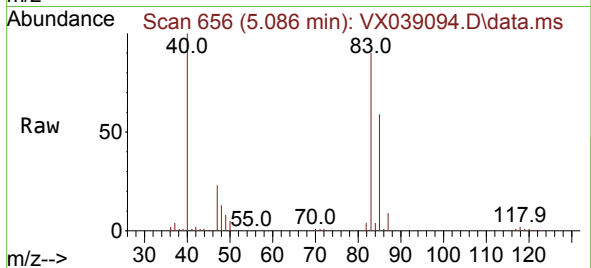




#25
Chloroform
Concen: 21.205 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

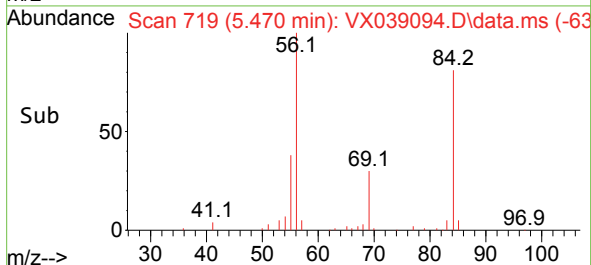
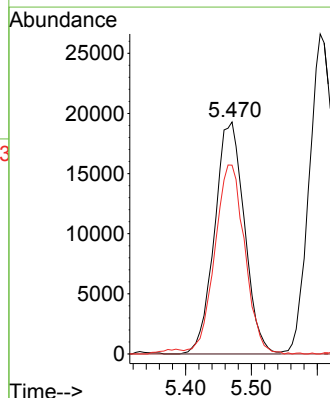
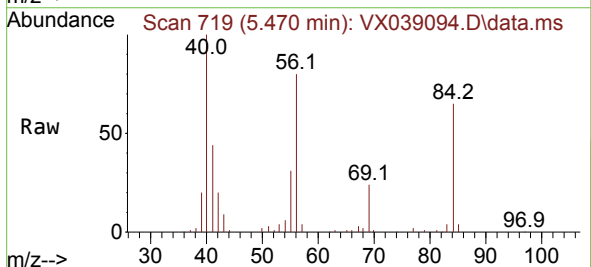
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

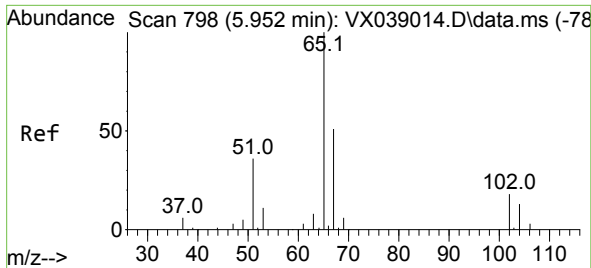
Tgt Ion: 83 Resp: 68454
Ion Ratio Lower Upper
83 100
85 66.4 54.6 81.8



#26
Cyclohexane
Concen: 20.898 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 56 Resp: 60839
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.9 67.2 100.8

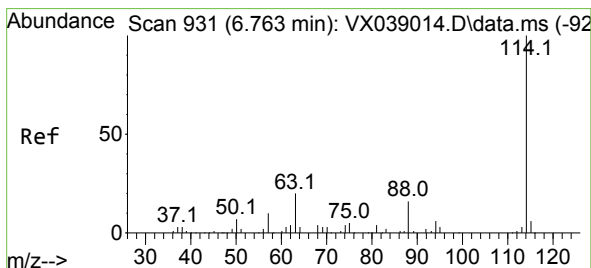
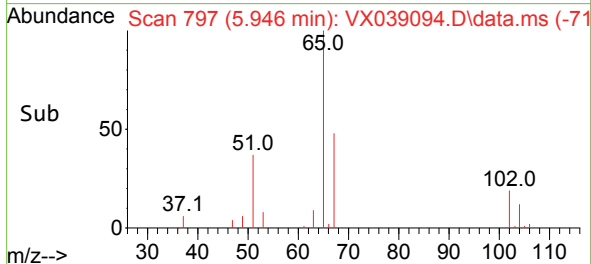
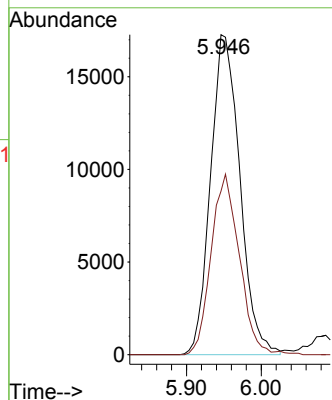
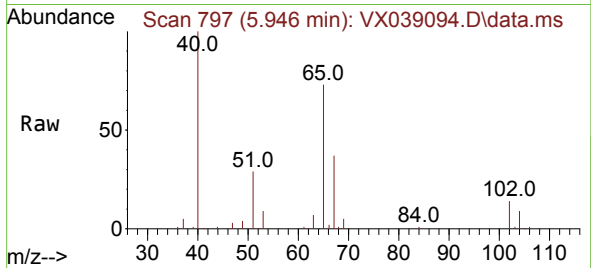




#27
 1,2-Dichloroethane-d4
 Concen: 30.630 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

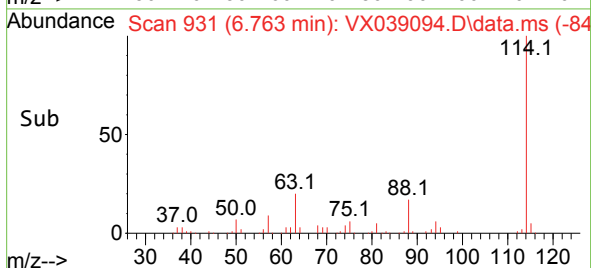
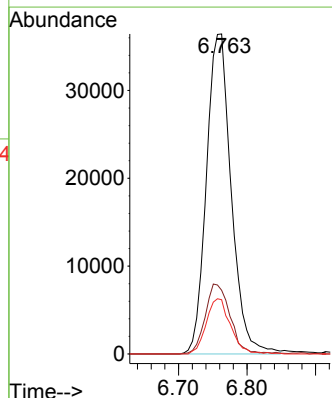
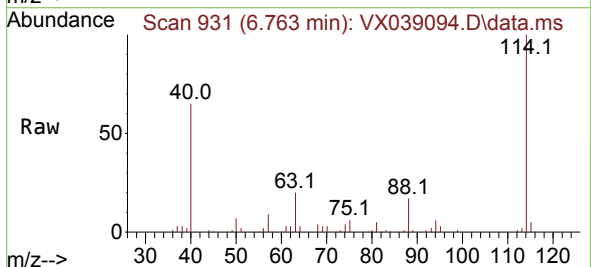
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

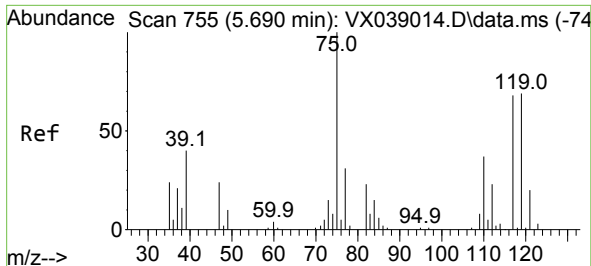
Tgt Ion: 65 Resp: 47175
 Ion Ratio Lower Upper
 65 100
 67 53.9 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

Tgt Ion: 114 Resp: 91786
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.0 25.4
 88 16.6 12.7 19.1

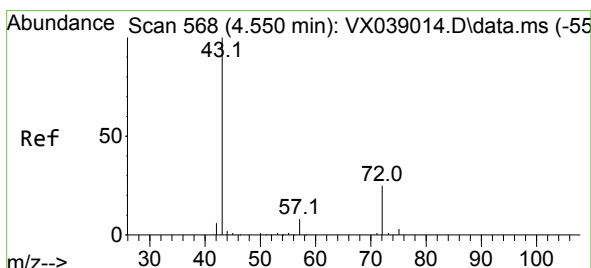
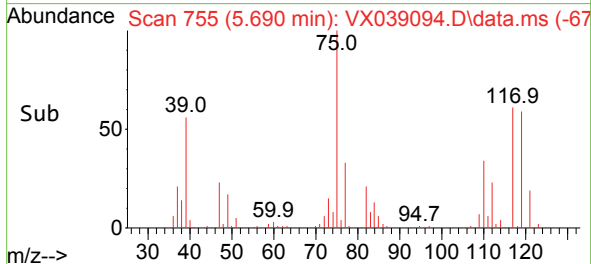
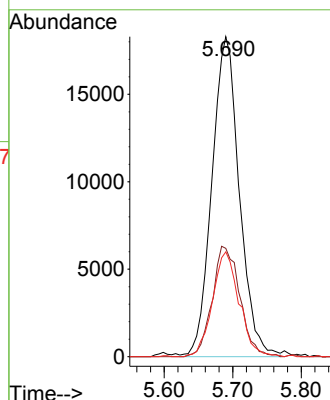
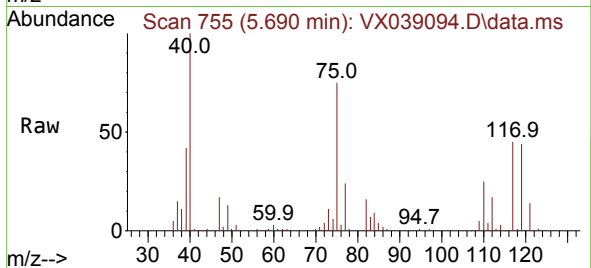




#29
1,1-Dichloropropene
Concen: 19.762 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

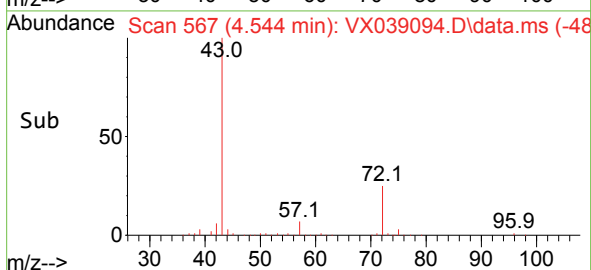
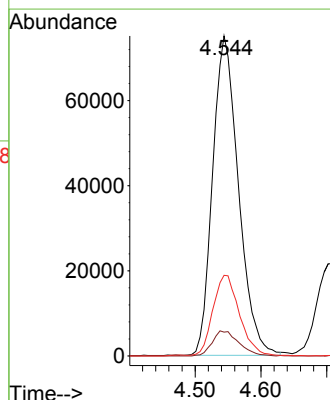
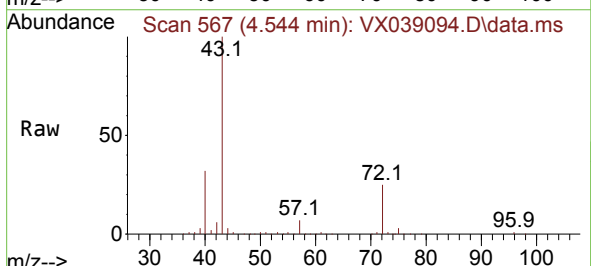
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

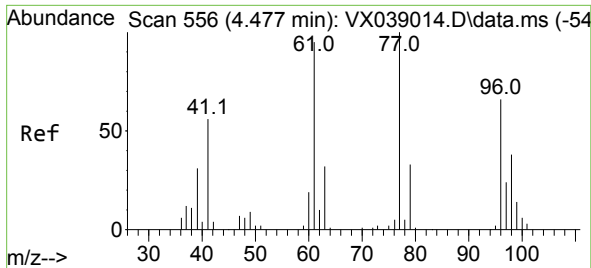
Tgt Ion: 75 Resp: 50847
Ion Ratio Lower Upper
75 100
110 34.5 0.0 71.2
77 31.8 0.0 62.6



#30
2-Butanone
Concen: 106.030 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 43 Resp: 205404
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 26.0 20.6 31.0

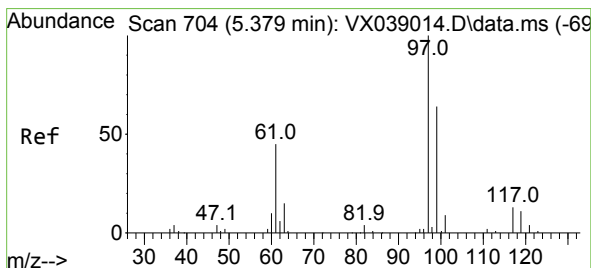
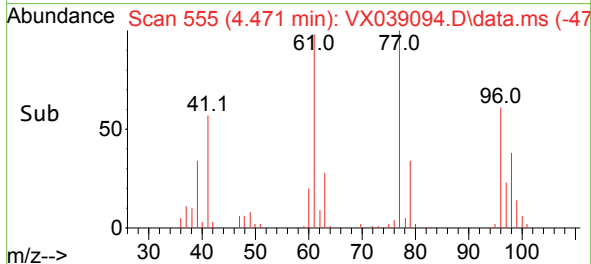
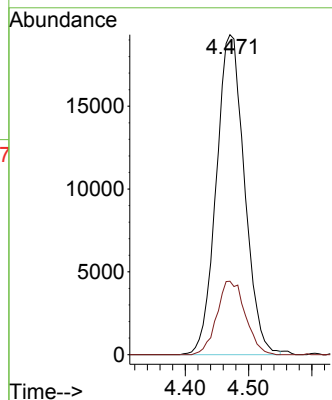
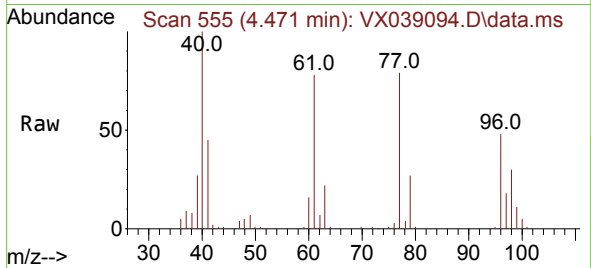




#31
2,2-Dichloropropane
Concen: 20.301 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

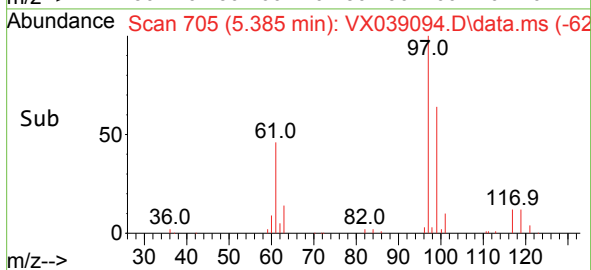
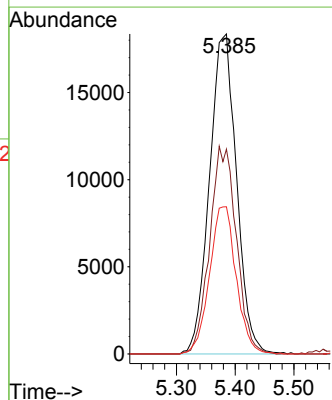
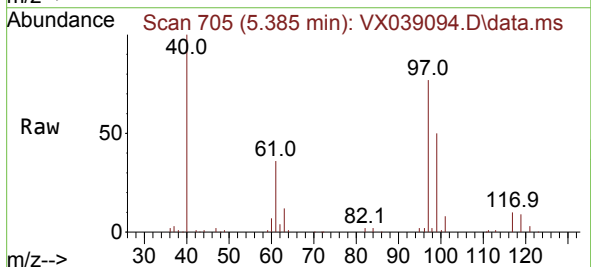
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

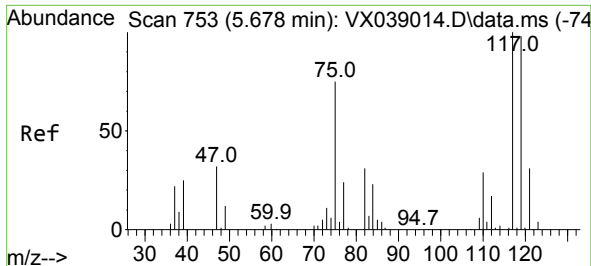
Tgt Ion: 77 Resp: 59724
Ion Ratio Lower Upper
77 100
97 23.2 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 19.773 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 97 Resp: 58805
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 45.3 36.9 55.3

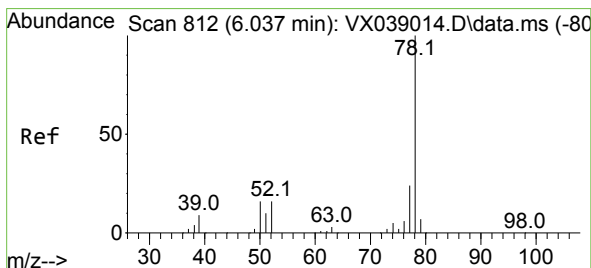
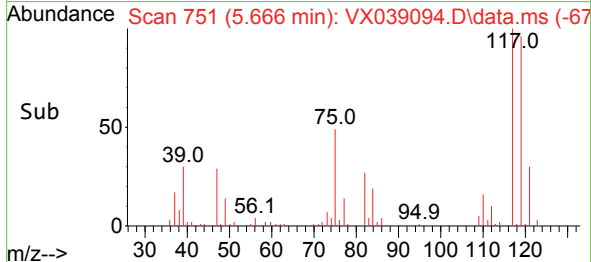
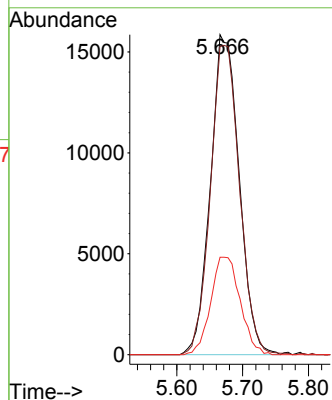
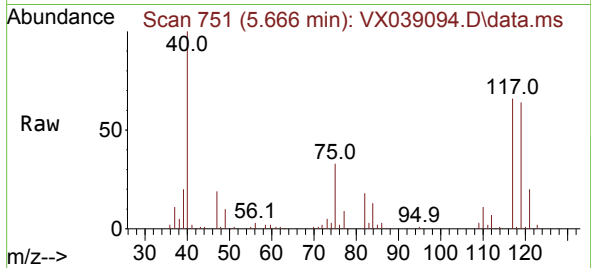




#33
Carbon Tetrachloride
Concen: 19.227 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

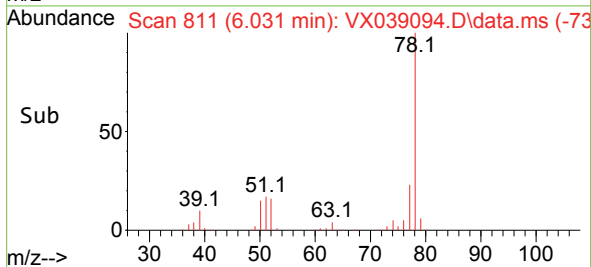
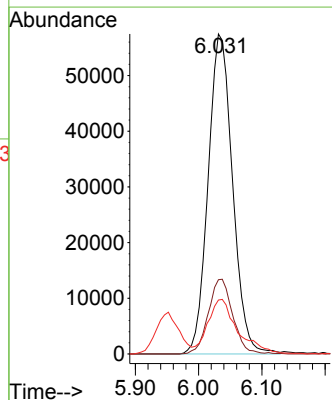
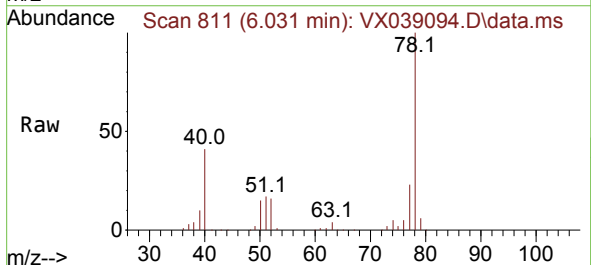
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

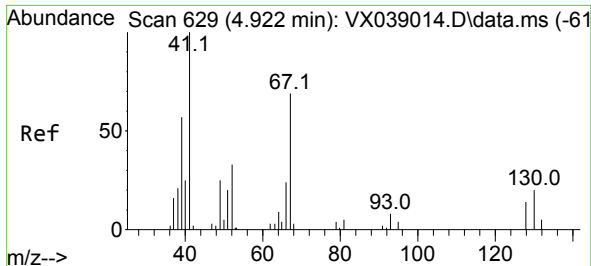
Tgt Ion:117 Resp: 48165
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4
121 30.5 24.7 37.1



#34
Benzene
Concen: 20.612 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 78 Resp: 154492
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 16.5 14.4 21.6

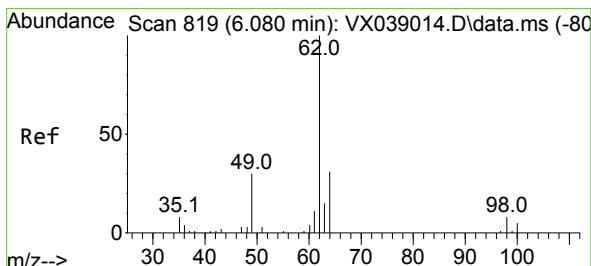
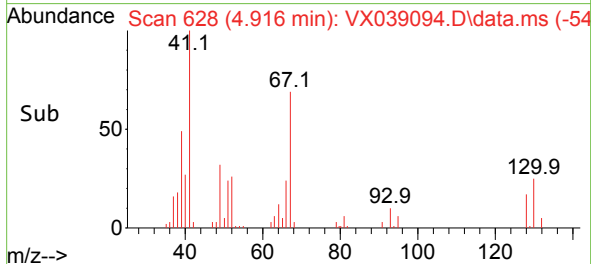
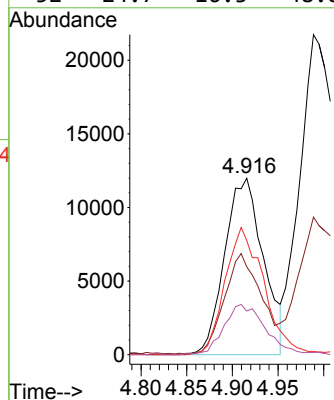
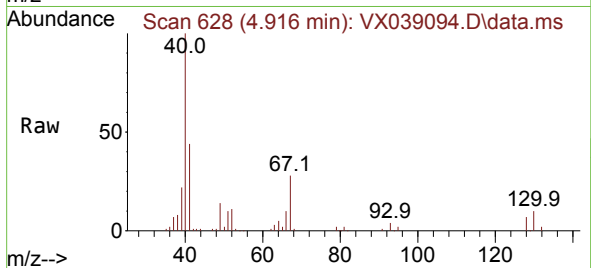




#35
Methacrylonitrile
Concen: 20.596 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

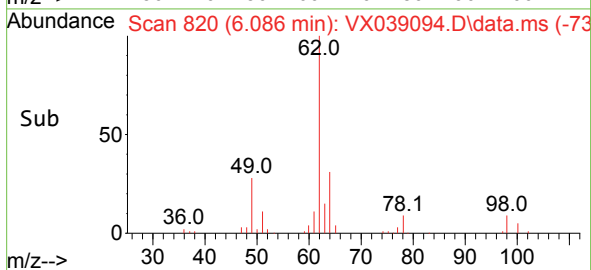
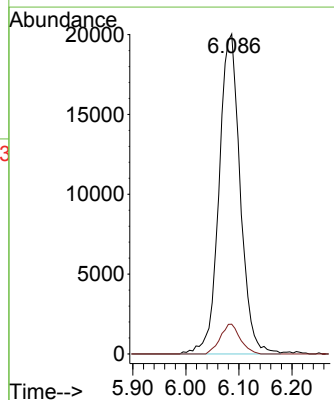
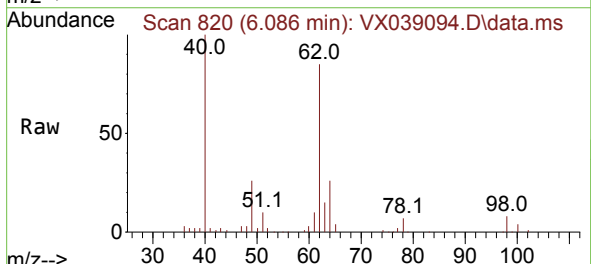
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

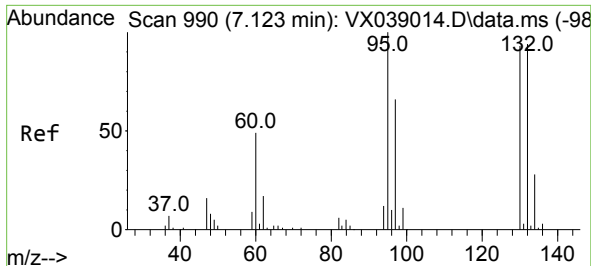
Tgt Ion: 41	Resp: 35342
Ion Ratio	Lower Upper
41 100	
39 48.9	28.2 84.7
67 64.8	34.5 103.5
52 24.7	16.3 48.8



#36
1,2-Dichloroethane
Concen: 20.221 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 62	Resp: 55613
Ion Ratio	Lower Upper
62 100	
98 8.8	7.0 10.4

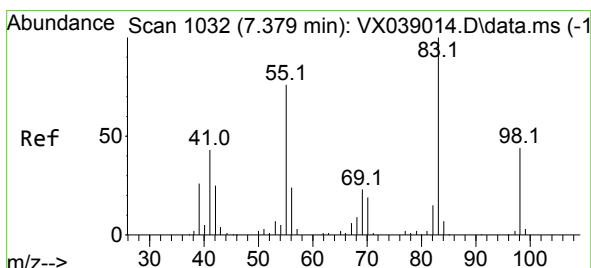
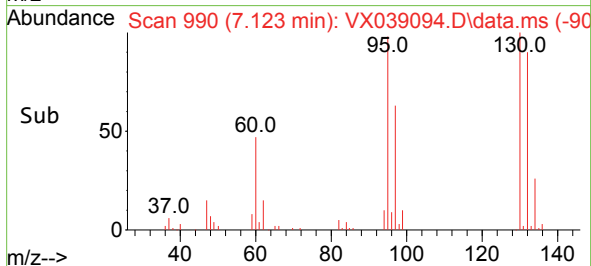
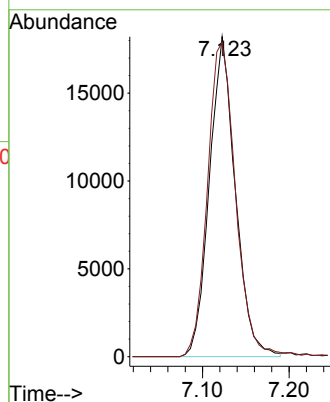
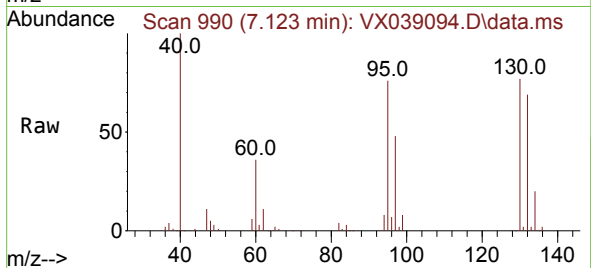




#37
Trichloroethene
Concen: 19.912 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

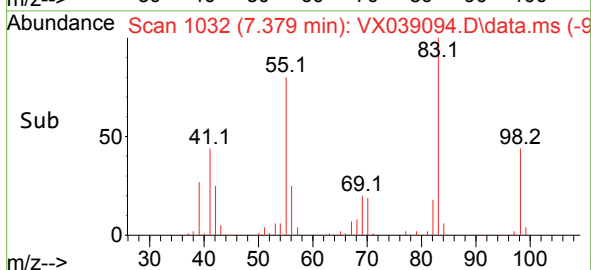
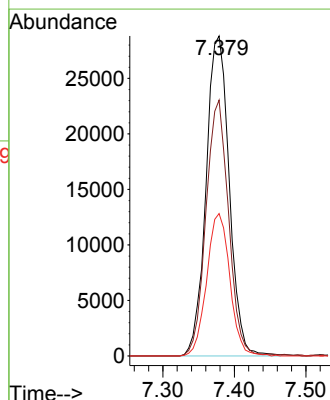
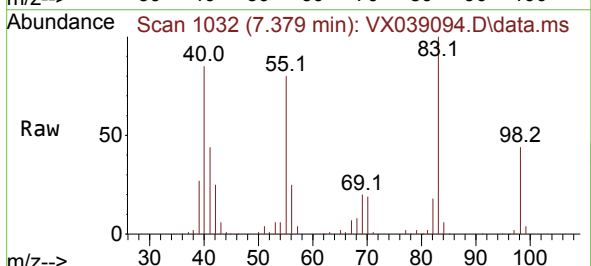
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

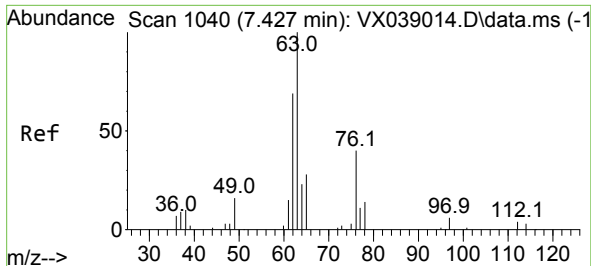
Tgt Ion:130 Resp: 37880
Ion Ratio Lower Upper
130 100
95 98.2 85.8 128.8



#38
Methylcyclohexane
Concen: 20.259 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 83 Resp: 64951
Ion Ratio Lower Upper
83 100
55 77.7 38.6 116.0
98 44.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 21.496 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

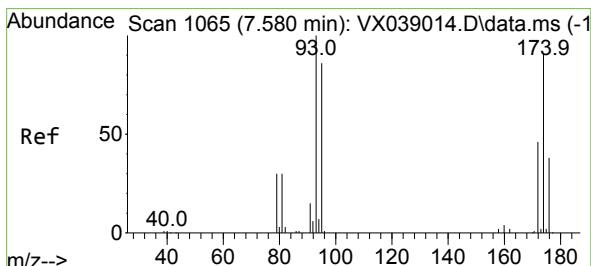
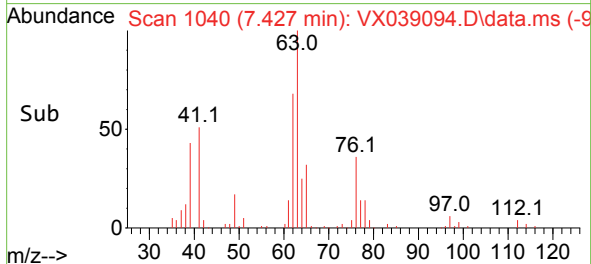
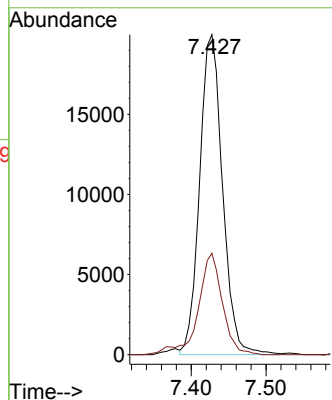
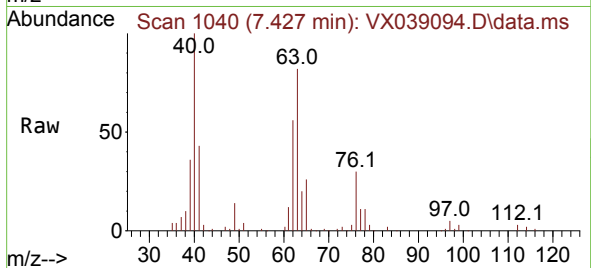
VSTDCCC020

Tgt Ion: 63 Resp: 42493

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#40

Dibromomethane

Concen: 19.707 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

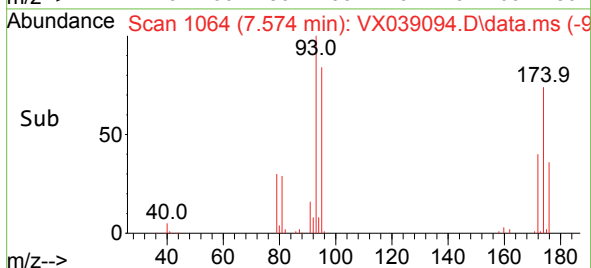
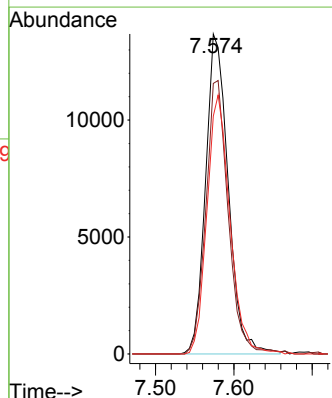
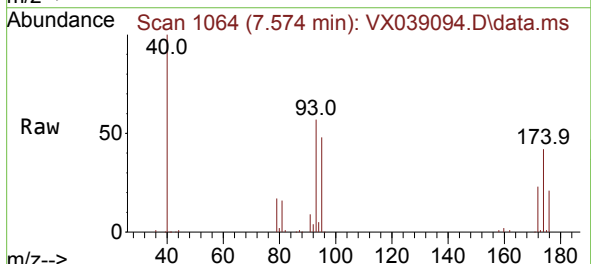
Tgt Ion: 93 Resp: 27524

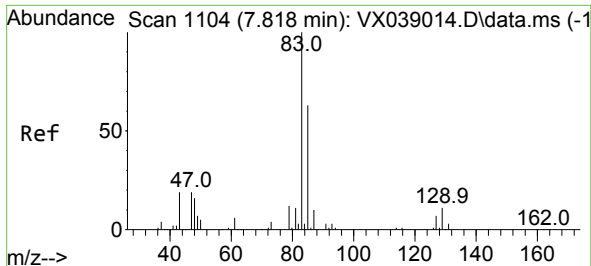
Ion Ratio Lower Upper

93 100

95 83.7 0.0 163.4

174 81.9 0.0 166.4

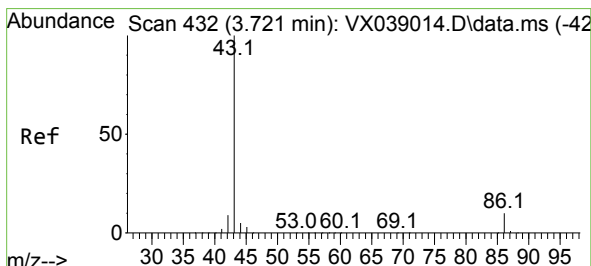
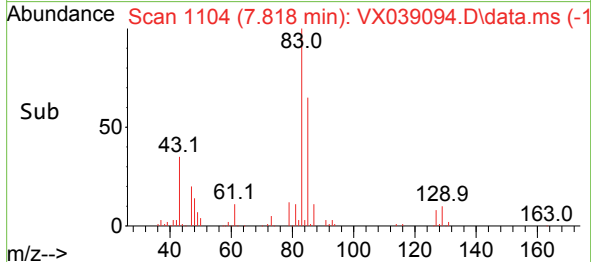
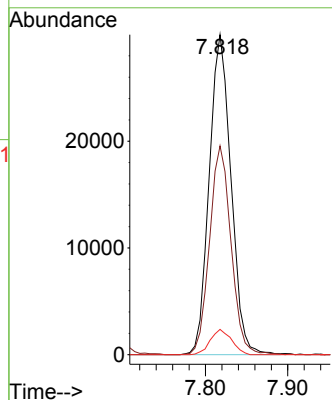
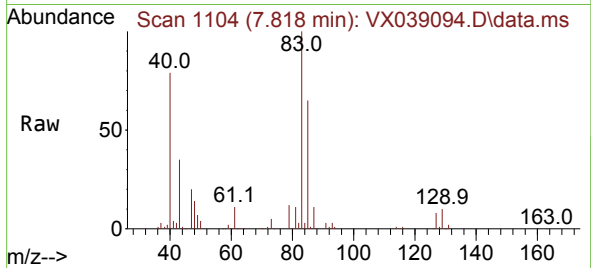




#41
Bromodichloromethane
Concen: 20.616 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

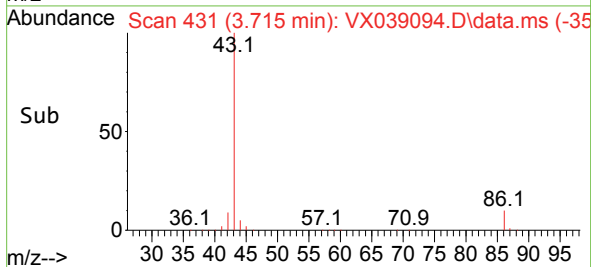
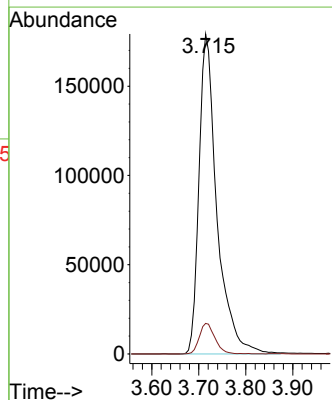
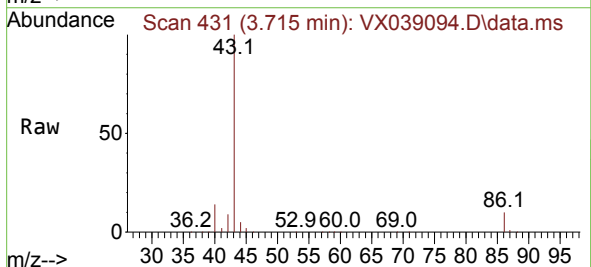
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

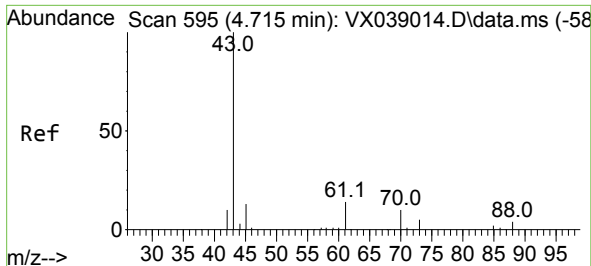
Tgt Ion: 83 Resp: 55317
Ion Ratio Lower Upper
83 100
85 65.2 50.8 76.2
127 7.9 5.9 8.9



#42
Vinyl Acetate
Concen: 103.206 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 43 Resp: 476203
Ion Ratio Lower Upper
43 100
86 8.3 6.7 10.1

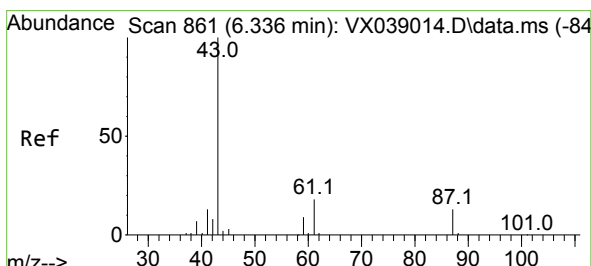
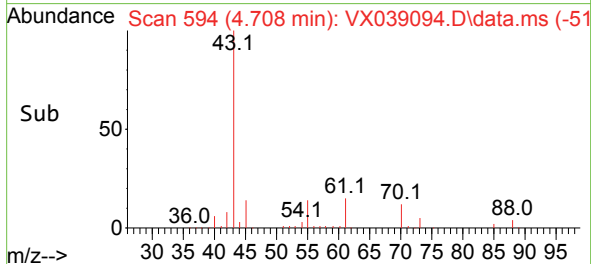
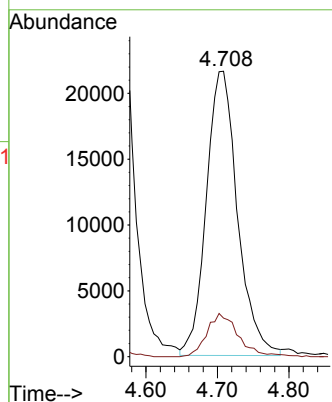
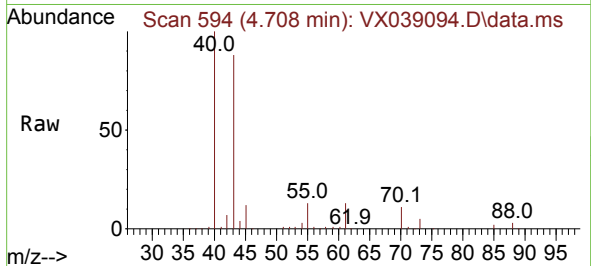




#43
Ethyl Acetate
Concen: 19.661 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

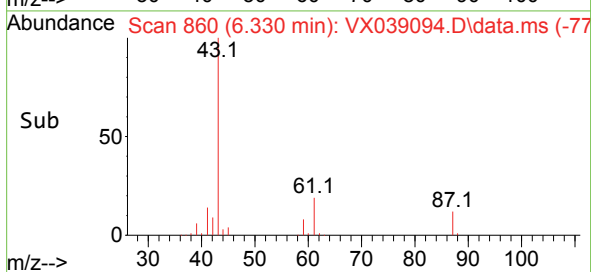
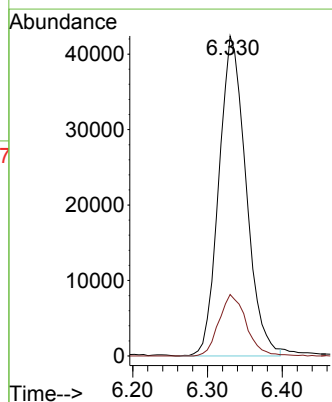
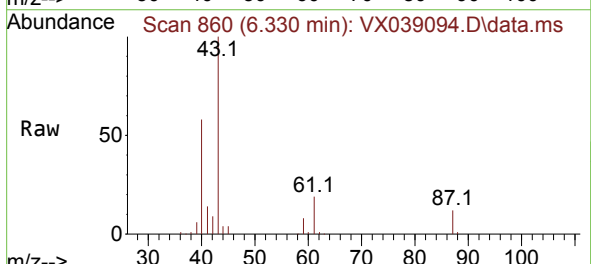
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

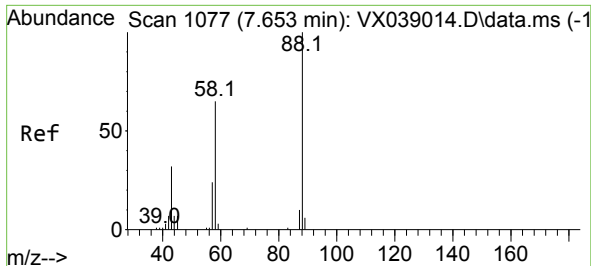
Tgt Ion: 43 Resp: 65526
Ion Ratio Lower Upper
43 100
45 14.1 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.395 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 43 Resp: 107156
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4

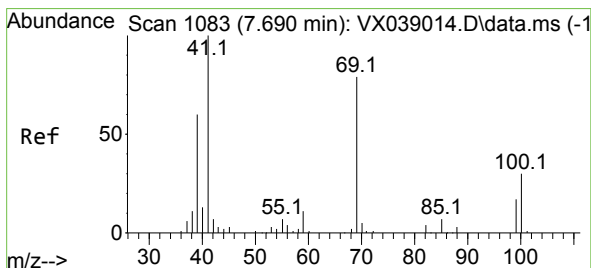
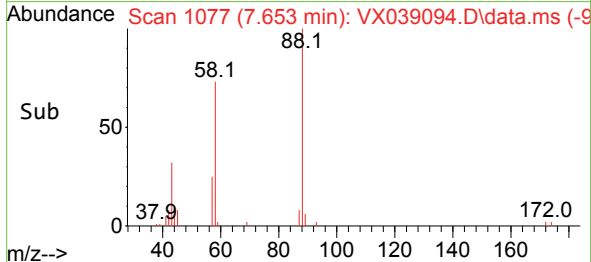
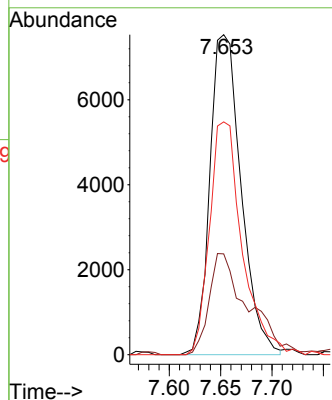
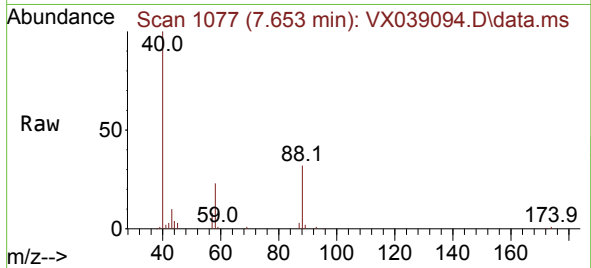




#45
1,4-Dioxane
Concen: 296.281 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

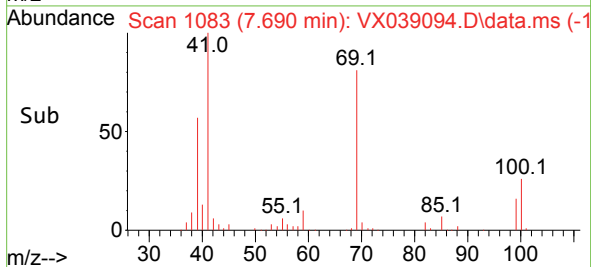
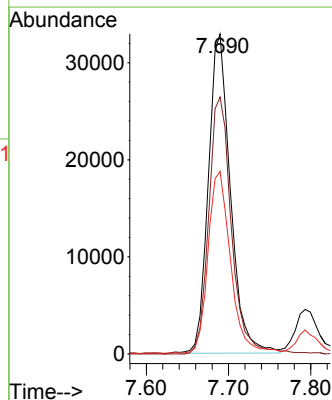
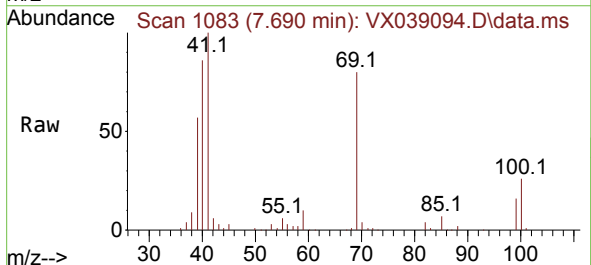
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

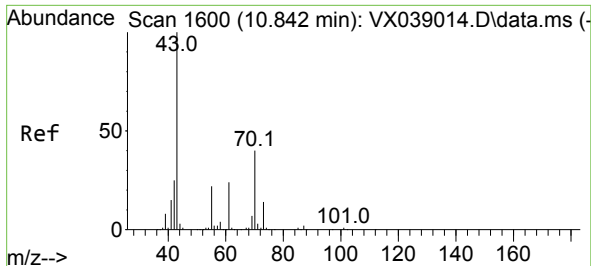
Tgt Ion: 88 Resp: 15891
Ion Ratio Lower Upper
88 100
43 29.9 28.1 42.1
58 75.8 57.7 86.5



#46
Methyl methacrylate
Concen: 20.376 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 41 Resp: 61208
Ion Ratio Lower Upper
41 100
69 80.7 39.6 118.8
39 57.1 30.1 90.3

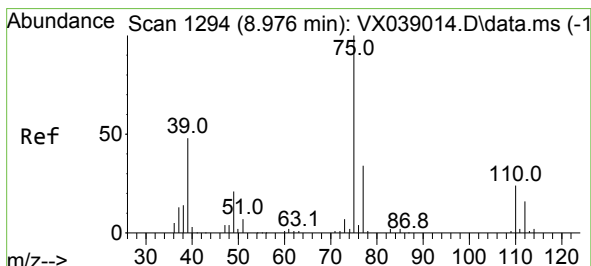
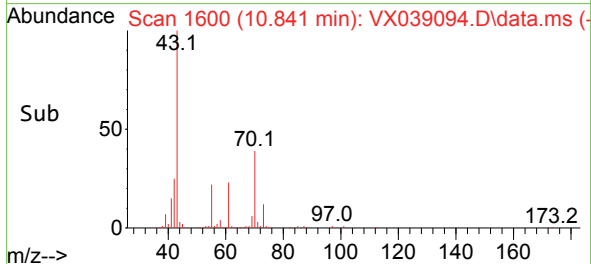
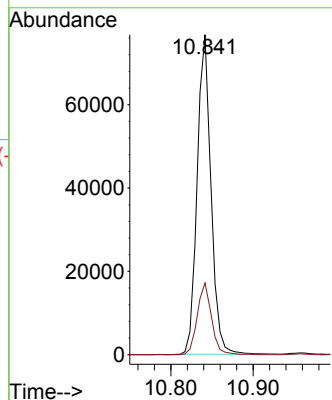
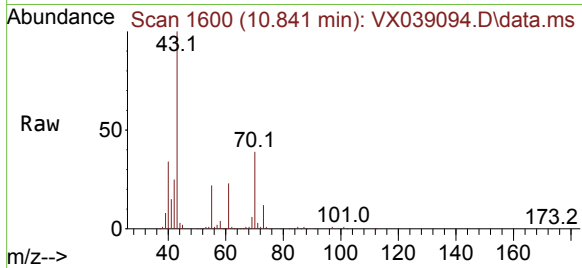




#47
n-amy1 Acetate
Concen: 20.189 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

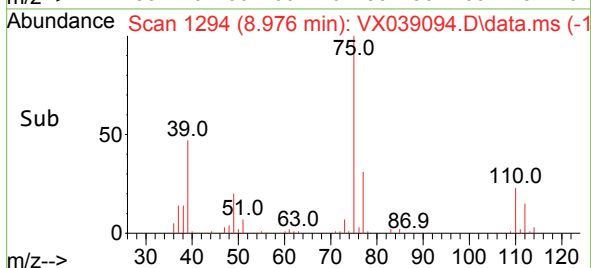
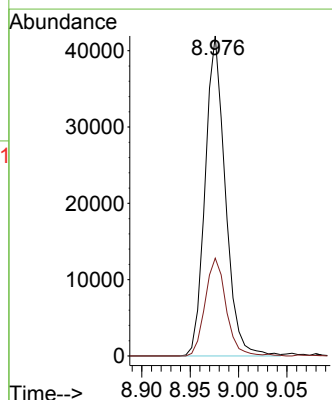
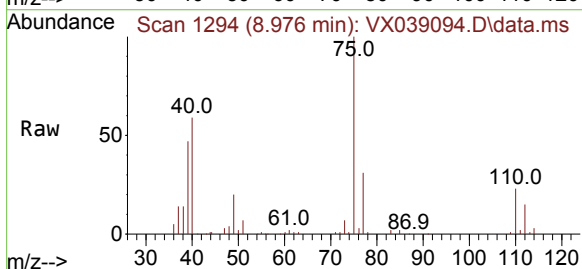
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

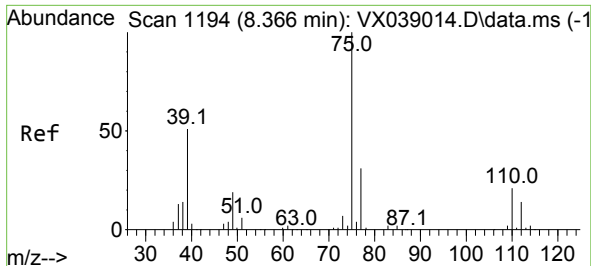
Tgt Ion: 43 Resp: 89779
Ion Ratio Lower Upper
43 100
55 22.9 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 75 Resp: 60999
Ion Ratio Lower Upper
75 100
77 30.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.643 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

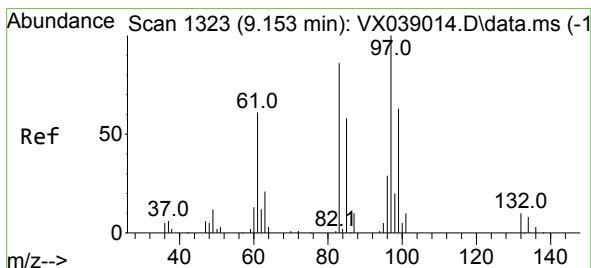
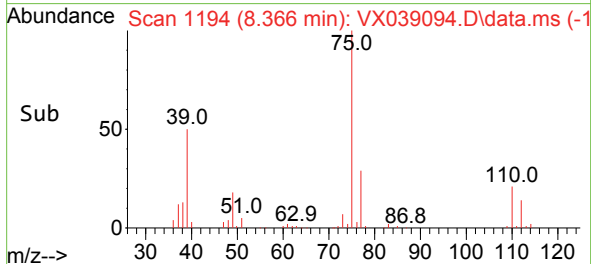
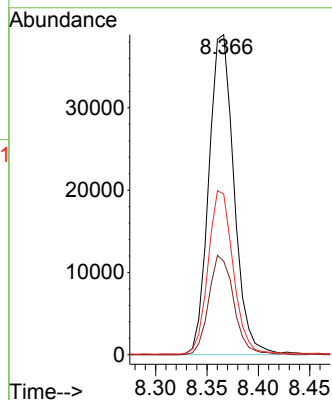
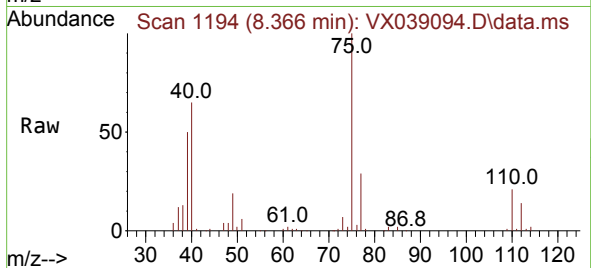
Tgt Ion: 75 Resp: 66256

Ion Ratio Lower Upper

75 100

77 29.2 24.4 36.6

39 50.0 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 20.766 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Tgt Ion: 97 Resp: 39399

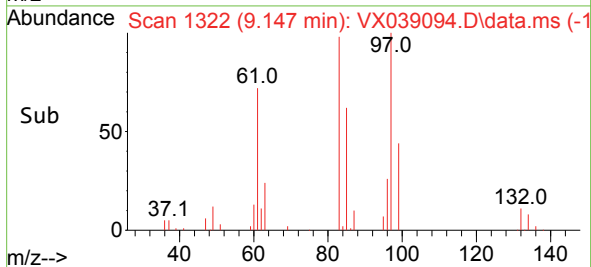
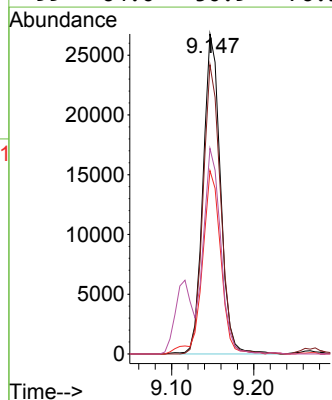
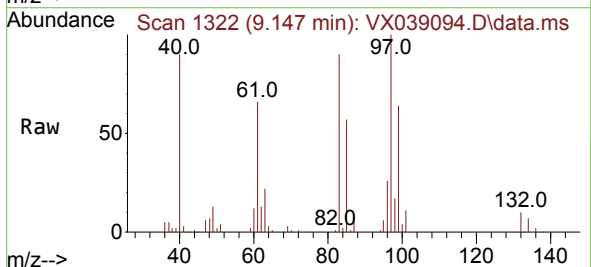
Ion Ratio Lower Upper

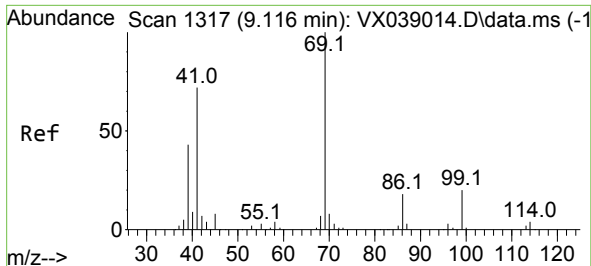
97 100

83 90.4 69.0 103.6

85 57.0 46.3 69.5

99 64.0 50.9 76.3

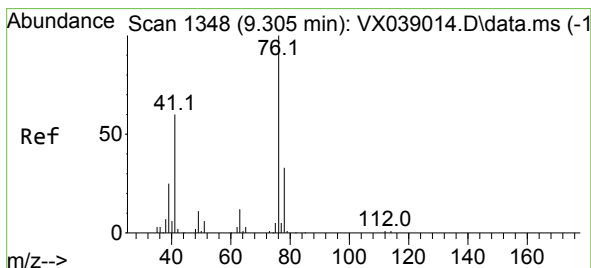
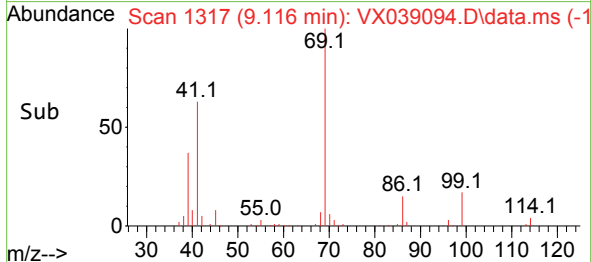
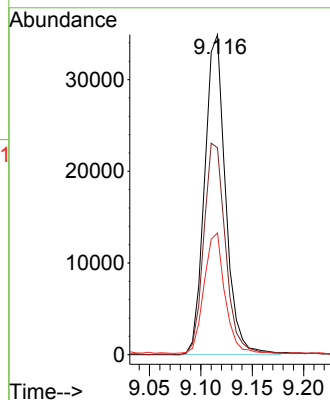
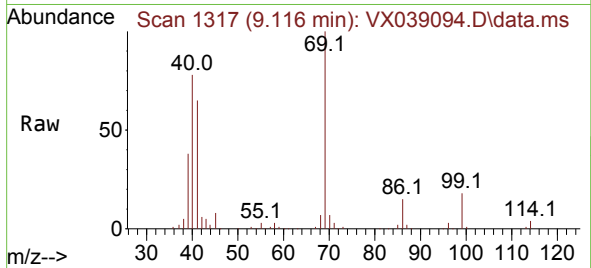




#51
Ethyl methacrylate
Concen: 20.907 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

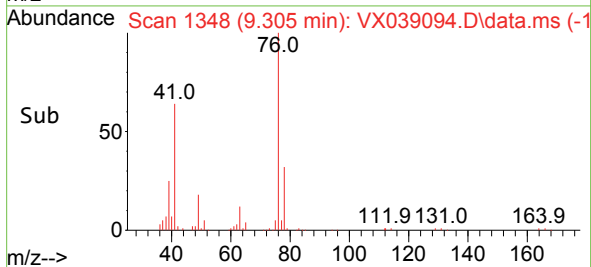
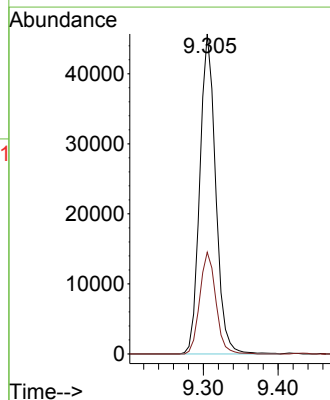
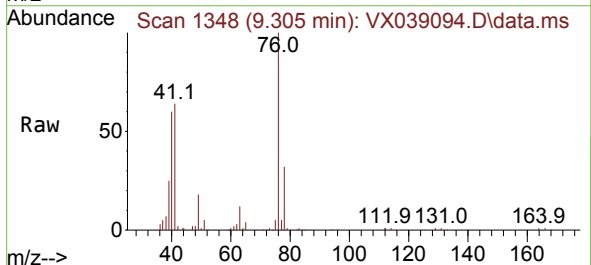
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

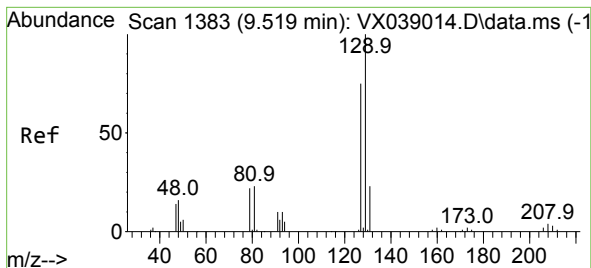
Tgt Ion: 69 Resp: 49654
Ion Ratio Lower Upper
69 100
41 64.6 36.2 108.6
39 37.6 21.1 63.4



#52
1,3-Dichloropropane
Concen: 20.661 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 76 Resp: 67217
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.0





#53

Dibromochloromethane

Concen: 19.788 ug/l

RT: 9.519 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

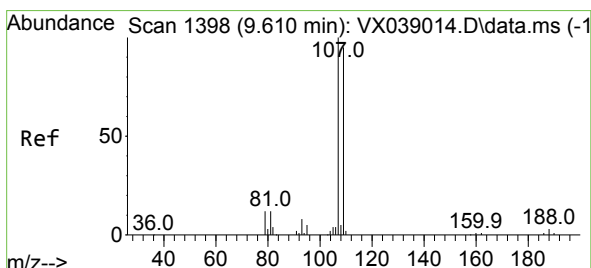
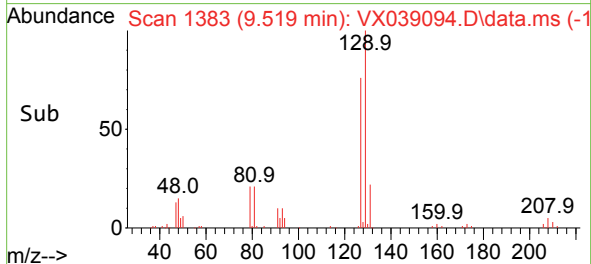
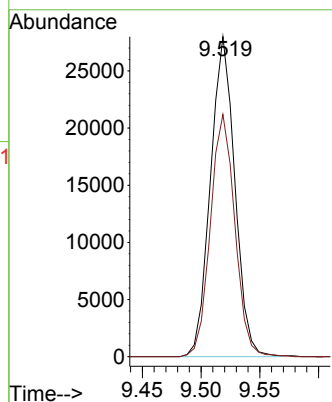
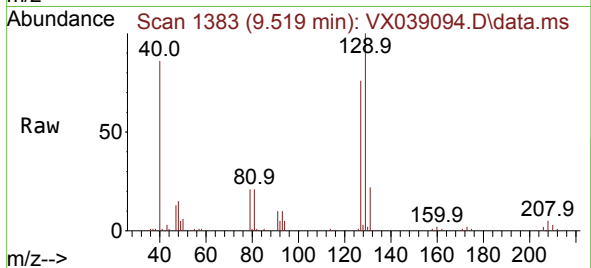
VSTDCCC020

Tgt Ion:129 Resp: 40320

Ion Ratio Lower Upper

129 100

127 75.9 38.3 114.9



#54

1,2-Dibromoethane

Concen: 19.717 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VX039094.D

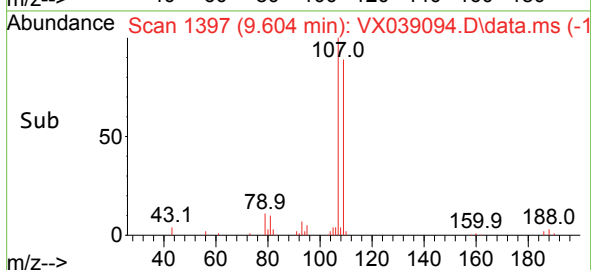
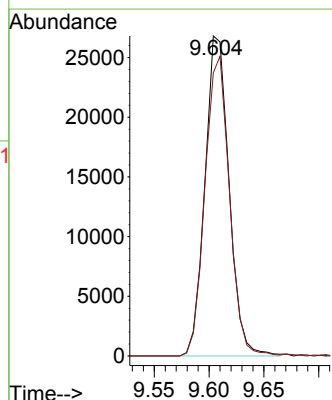
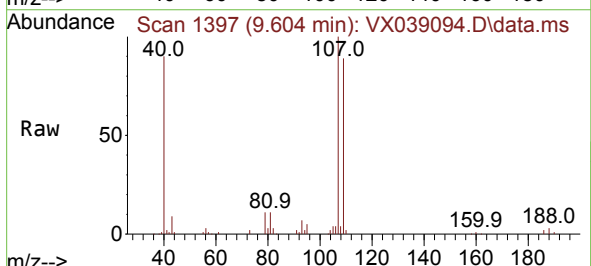
Acq: 08 Dec 2023 10:12

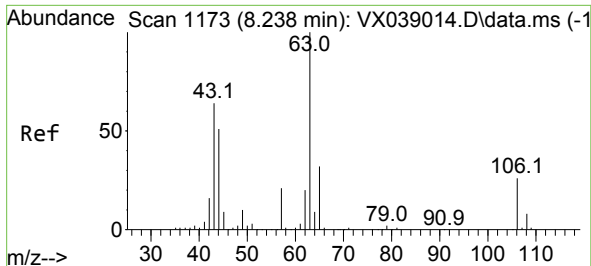
Tgt Ion:107 Resp: 41024

Ion Ratio Lower Upper

107 100

109 94.7 75.1 112.7

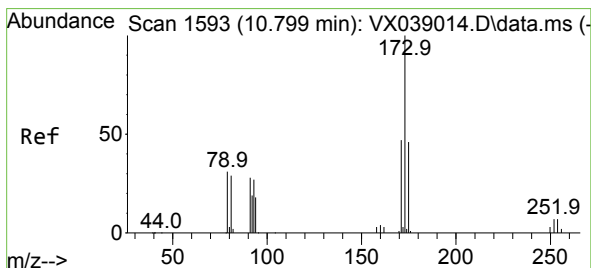
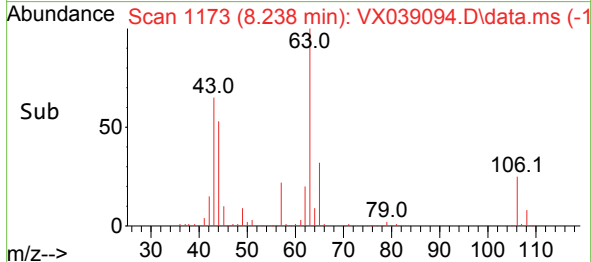
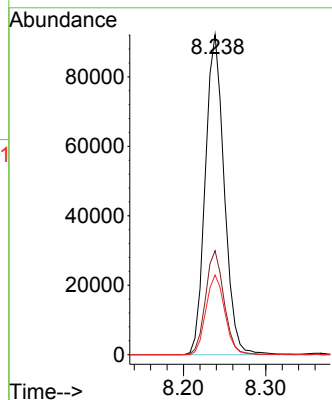
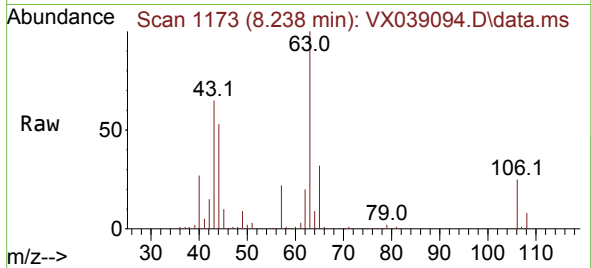




#55
2-Chloroethyl vinyl ether
Concen: 97.774 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

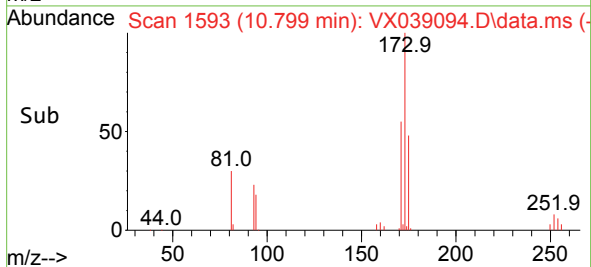
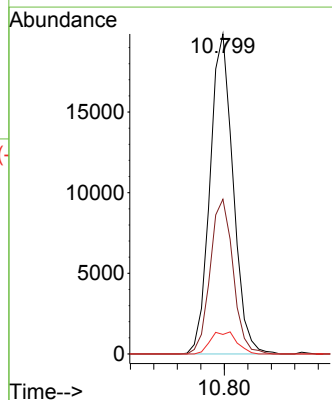
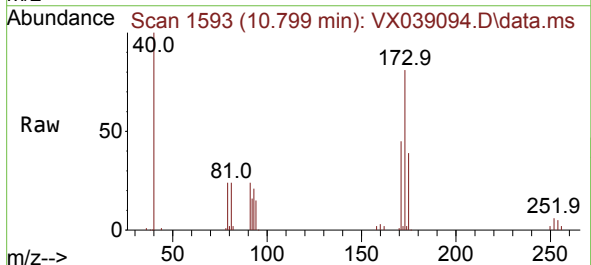
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

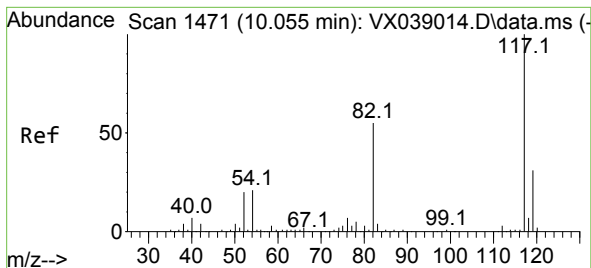
Tgt Ion: 63 Resp: 147186
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 24.9 20.6 31.0



#56
Bromoform
Concen: 18.427 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 173 Resp: 27099
Ion Ratio Lower Upper
173 100
175 48.0 37.6 56.4
254 7.9 5.8 8.8

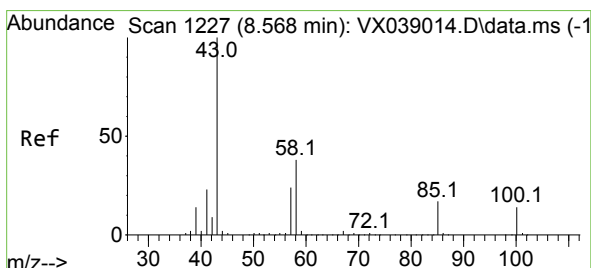
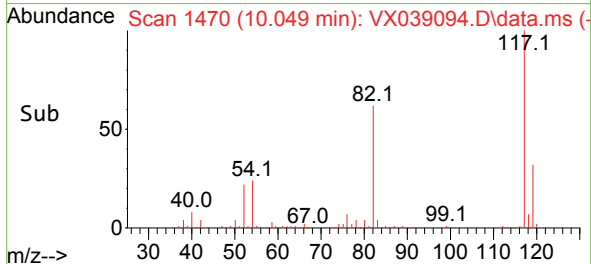
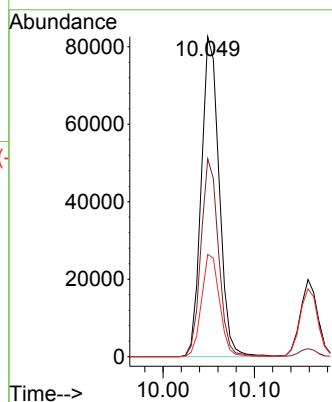
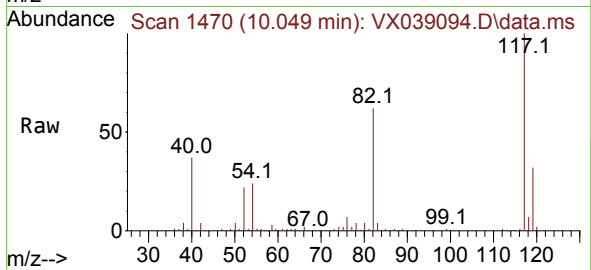




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

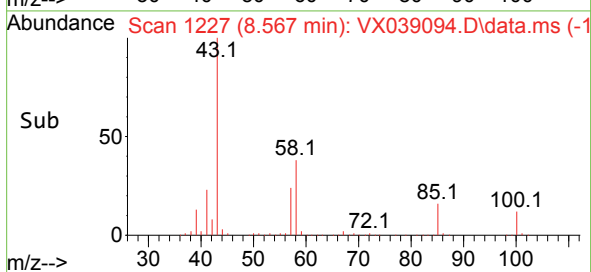
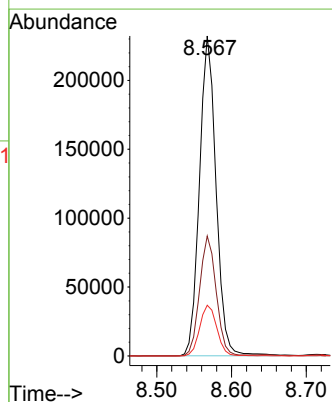
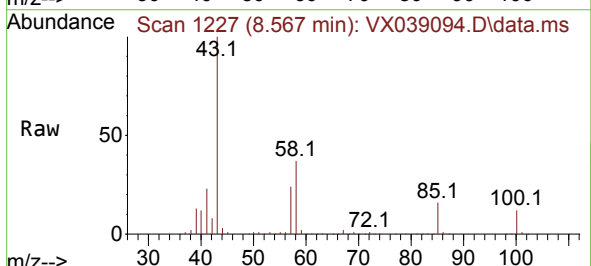
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

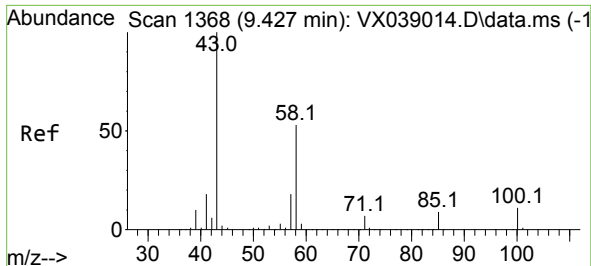
Tgt Ion:117 Resp: 112314
Ion Ratio Lower Upper
117 100
82 60.7 47.0 70.6
119 32.3 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 105.148 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 43 Resp: 358122
Ion Ratio Lower Upper
43 100
58 37.3 30.1 45.1
85 16.4 13.9 20.9

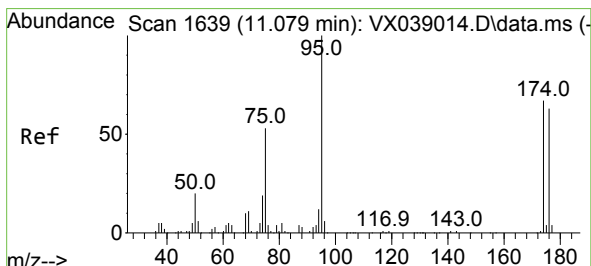
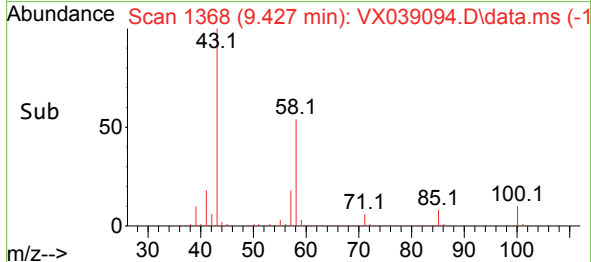
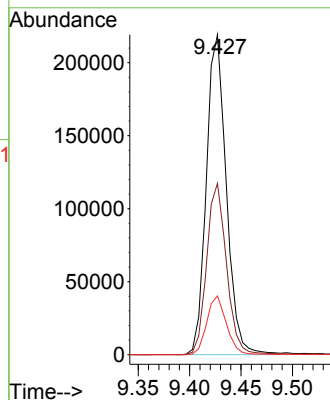
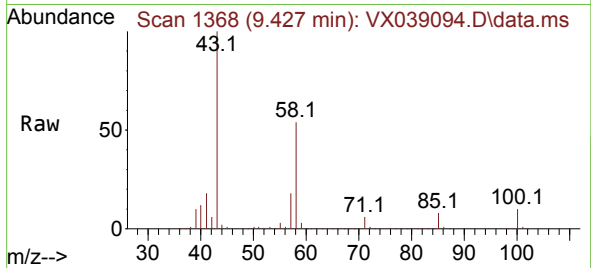




#59
2-Hexanone
Concen: 106.067 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

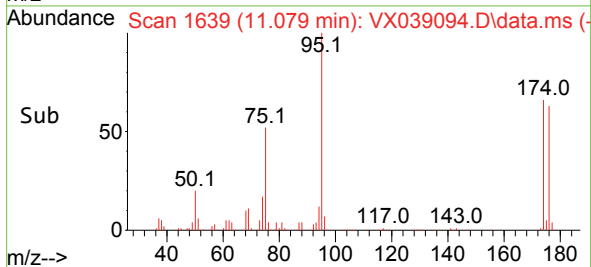
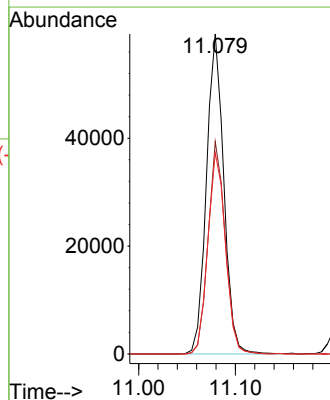
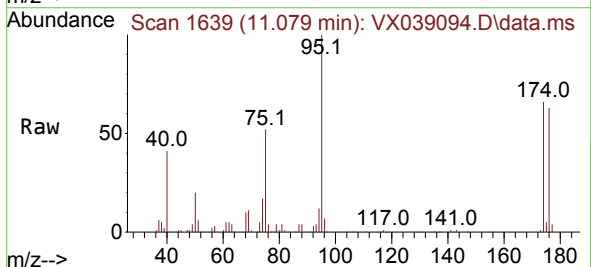
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

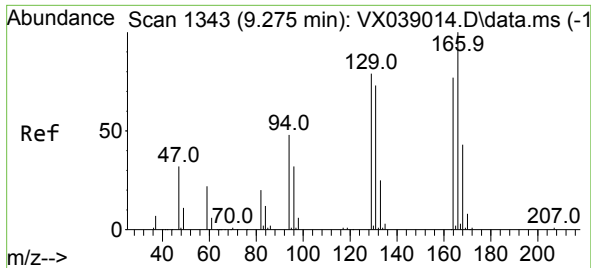
Tgt Ion: 43 Resp: 296531
Ion Ratio Lower Upper
43 100
58 53.3 42.7 64.1
57 18.1 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 95 Resp: 74079
Ion Ratio Lower Upper
95 100
174 65.7 55.4 83.2
176 63.7 52.6 78.8

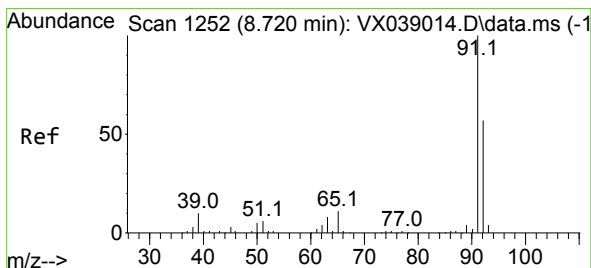
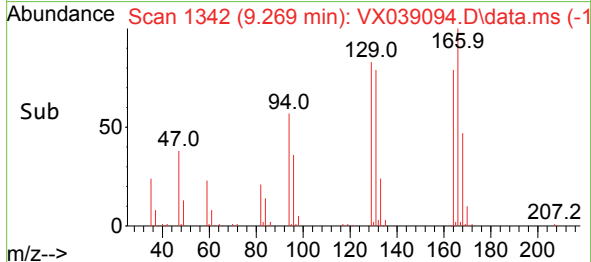
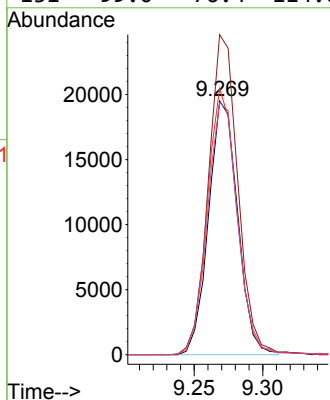
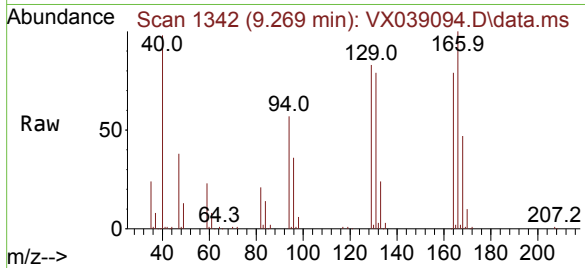




#61
Tetrachloroethene
Concen: 19.747 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

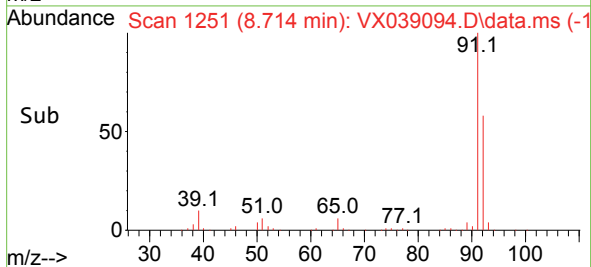
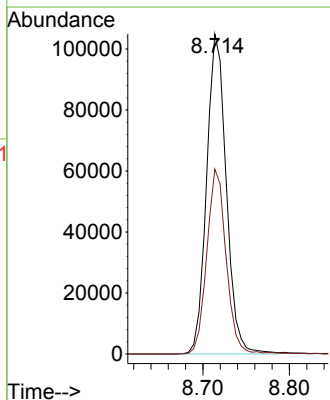
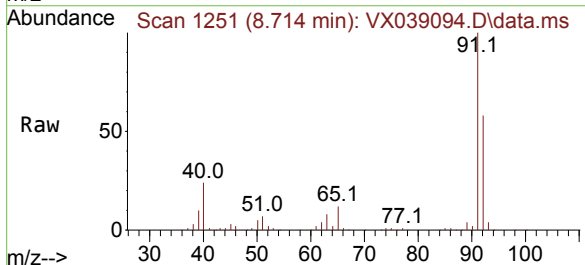
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

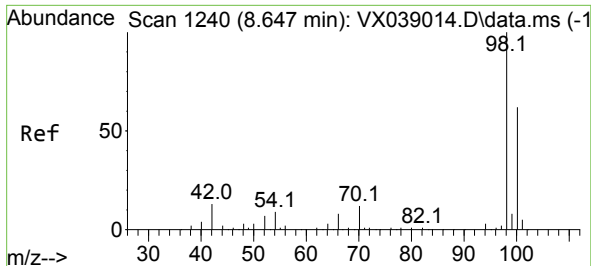
Tgt Ion:164 Resp: 28836
Ion Ratio Lower Upper
164 100
166 126.1 104.0 156.0
129 104.5 82.0 123.0
131 99.0 76.4 114.6



#62
Toluene
Concen: 20.753 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 91 Resp: 165485
Ion Ratio Lower Upper
91 100
92 56.5 45.9 68.9

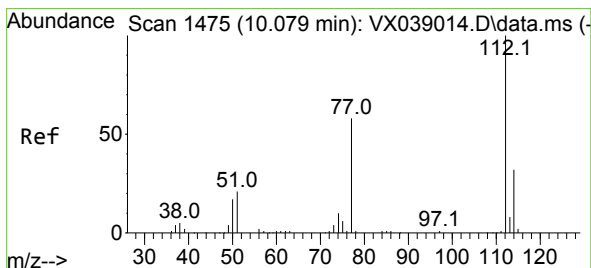
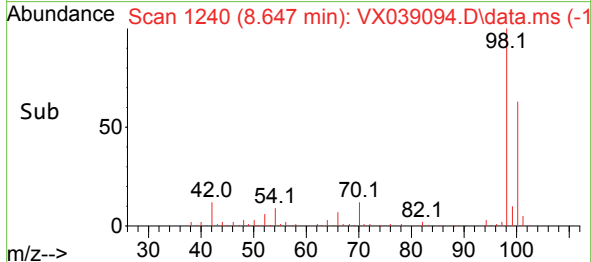
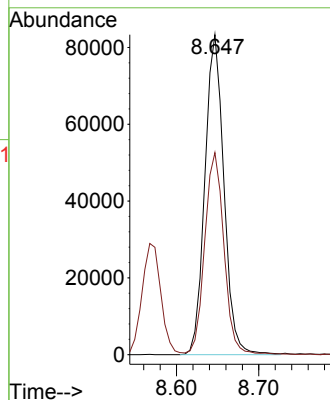
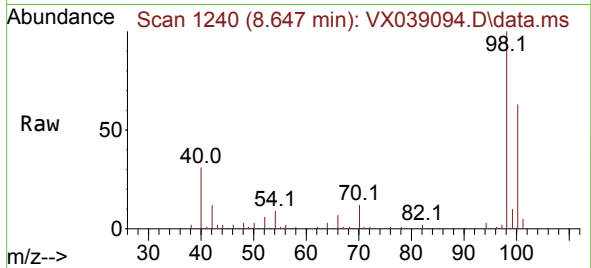




#63
Toluene-d8
Concen: 30.225 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

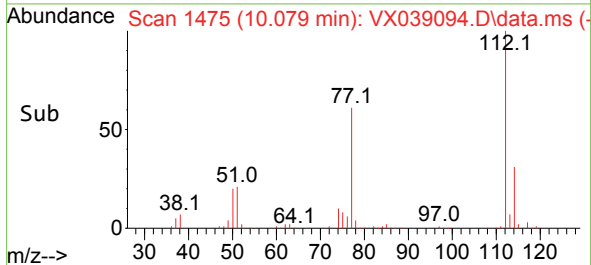
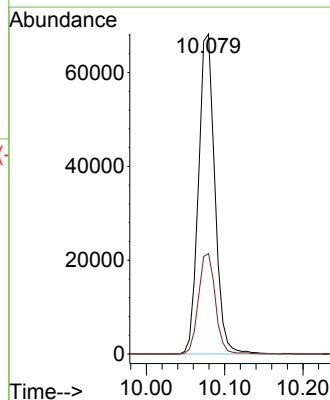
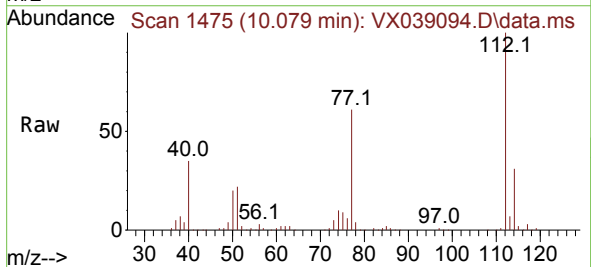
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

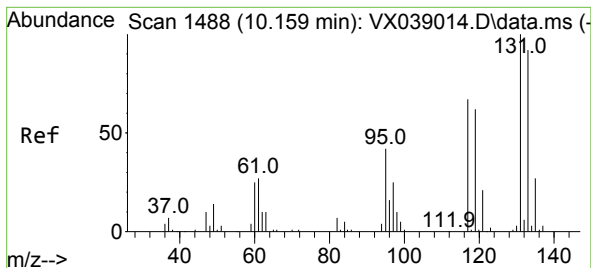
Tgt Ion: 98 Resp: 134213
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.4



#64
Chlorobenzene
Concen: 20.457 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 112 Resp: 99225
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

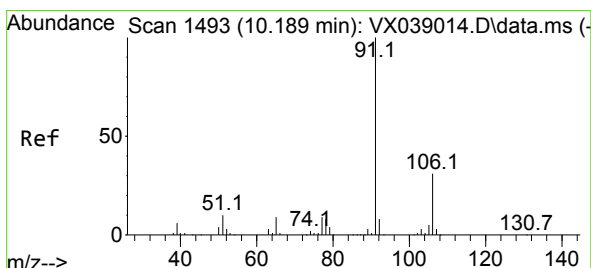
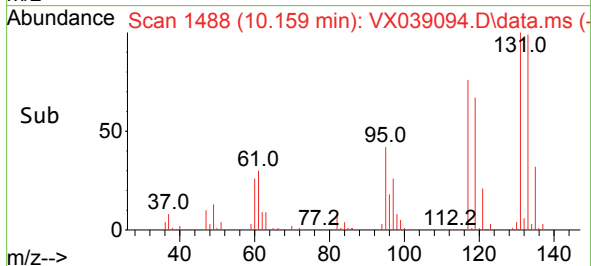
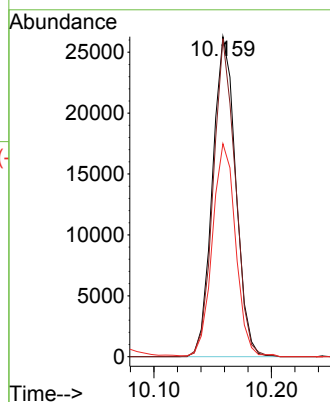
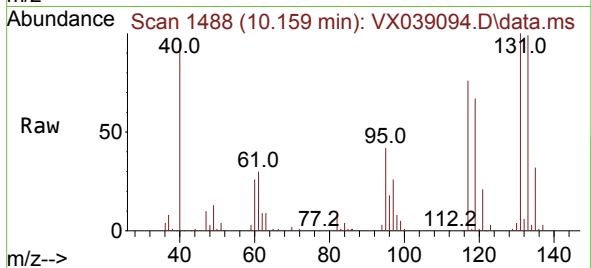




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.665 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

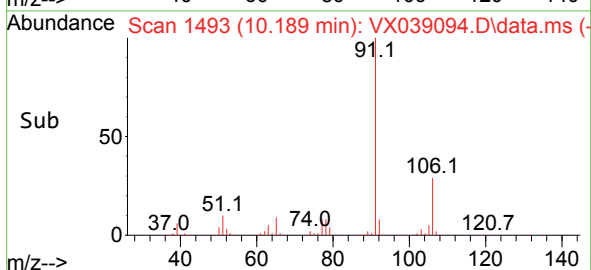
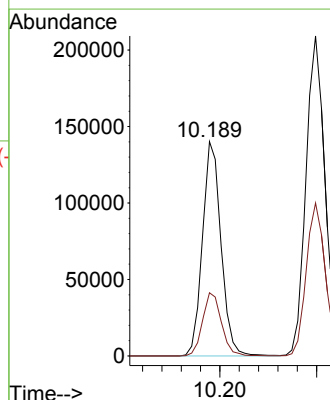
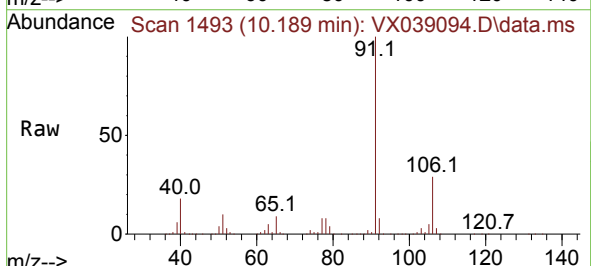
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

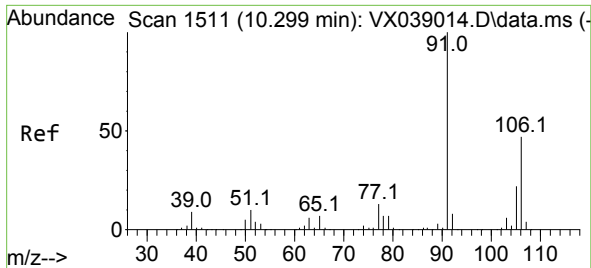
Tgt Ion:131 Resp: 36098
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 191.8
 119 66.5 0.0 135.4



#66
 Ethyl Benzene
 Concen: 20.672 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

Tgt Ion: 91 Resp: 187695
 Ion Ratio Lower Upper
 91 100
 106 29.5 24.4 36.6

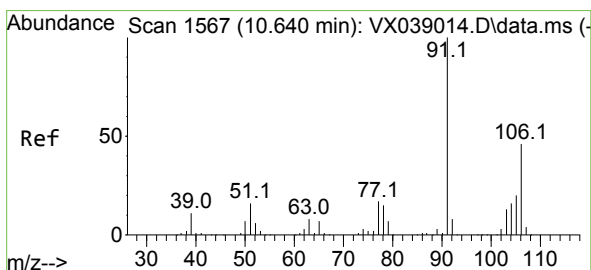
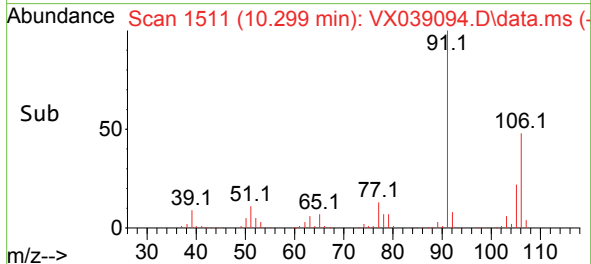
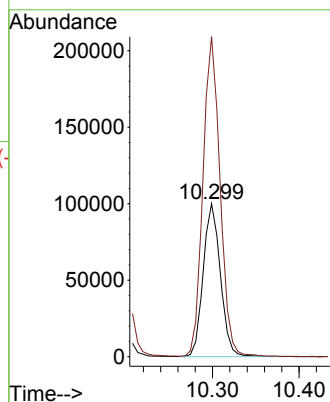
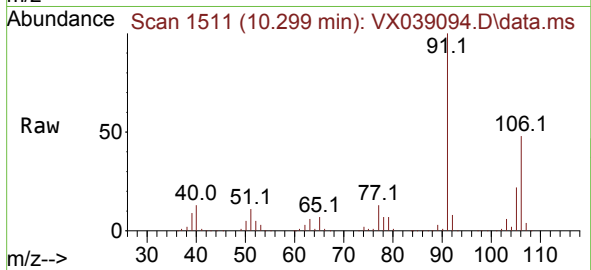




#67
m/p-Xylenes
Concen: 41.087 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

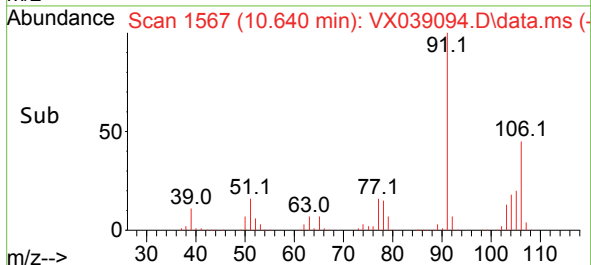
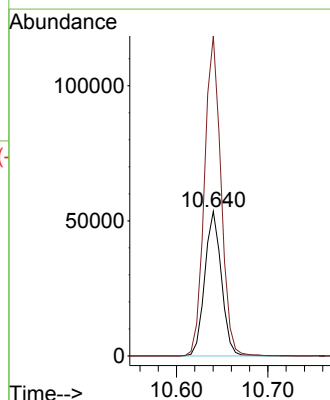
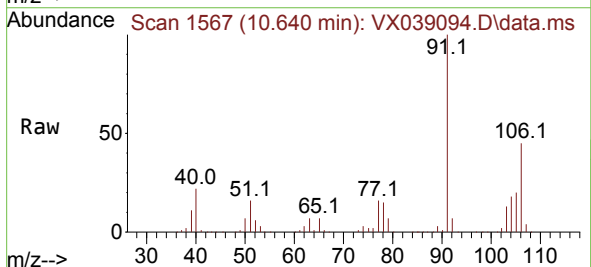
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

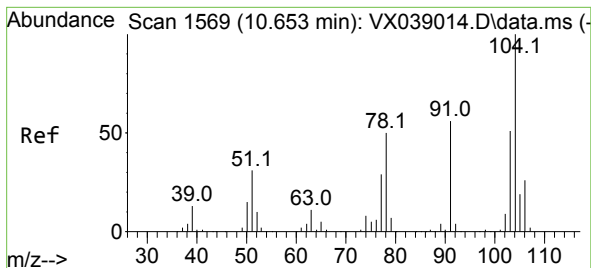
Tgt Ion:106 Resp: 137854
Ion Ratio Lower Upper
106 100
91 209.1 169.4 254.0



#68
o-Xylene
Concen: 20.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion:106 Resp: 67367
Ion Ratio Lower Upper
106 100
91 220.4 111.2 333.6





#69

Styrene

Concen: 20.271 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

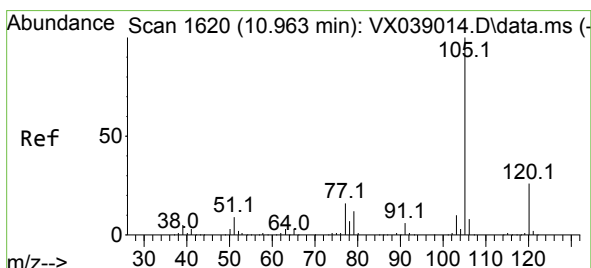
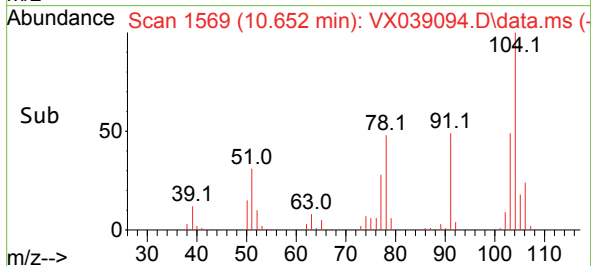
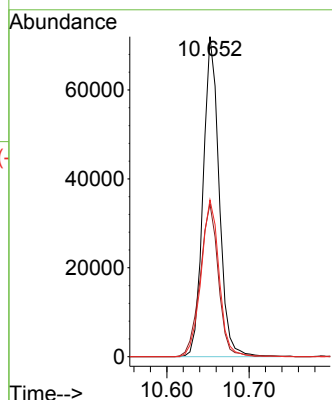
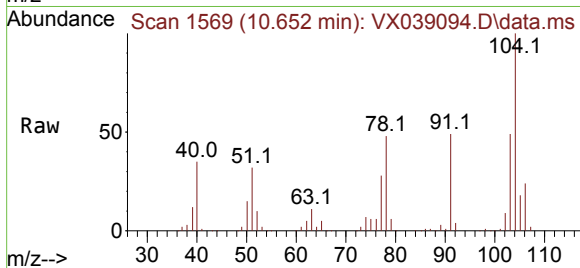
Tgt Ion:104 Resp: 97503

Ion Ratio Lower Upper

104 100

78 54.1 43.7 65.5

103 55.1 44.6 67.0



#70

Isopropylbenzene

Concen: 20.757 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039094.D

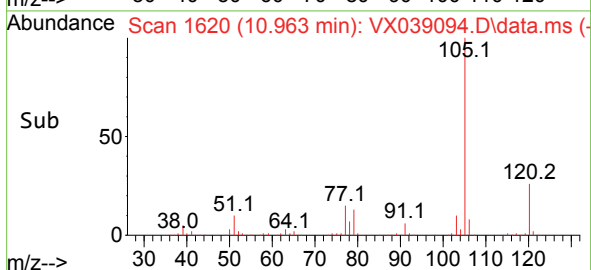
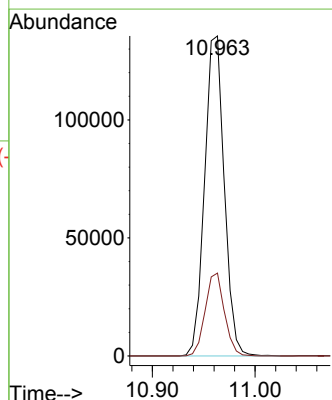
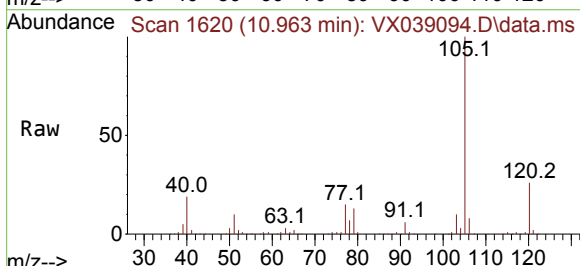
Acq: 08 Dec 2023 10:12

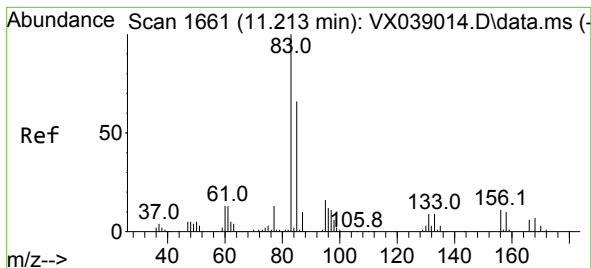
Tgt Ion:105 Resp: 180500

Ion Ratio Lower Upper

105 100

120 25.3 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 21.148 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

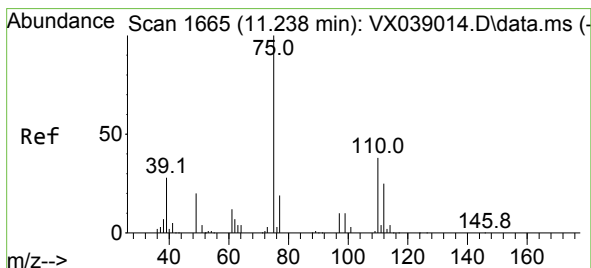
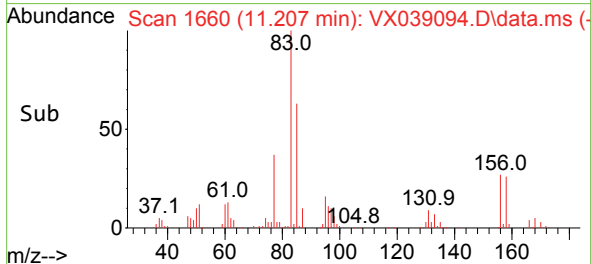
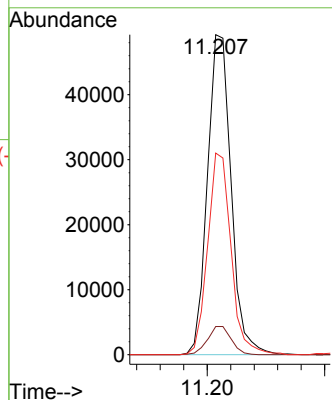
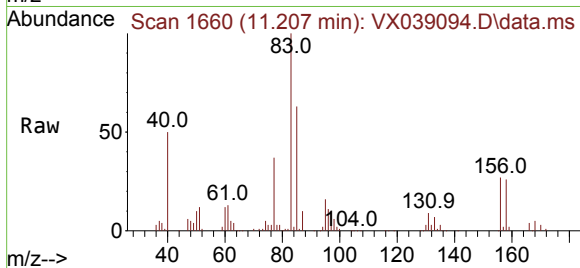
Tgt Ion: 83 Resp: 68652

Ion Ratio Lower Upper

83 100

131 8.9 4.6 13.8

85 62.3 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 28.204 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039094.D

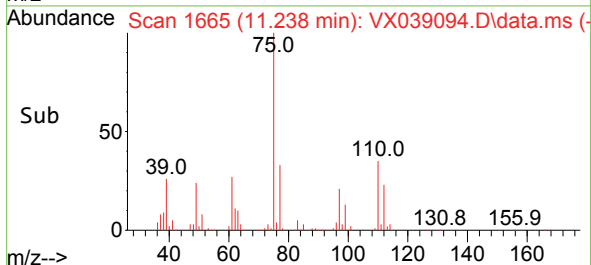
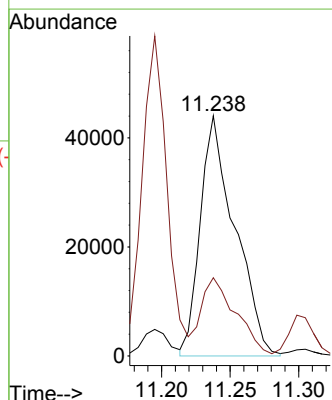
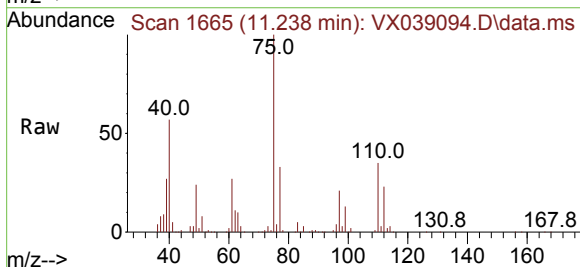
Acq: 08 Dec 2023 10:12

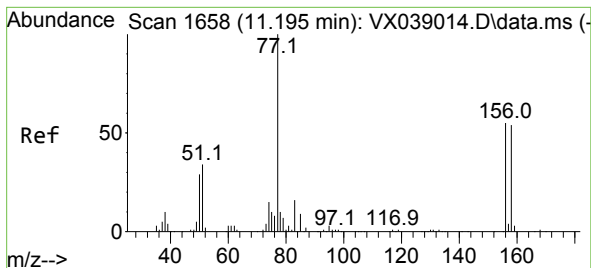
Tgt Ion: 75 Resp: 77475

Ion Ratio Lower Upper

75 100

77 32.6 0.0 76.4





#73

Bromobenzene

Concen: 20.114 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

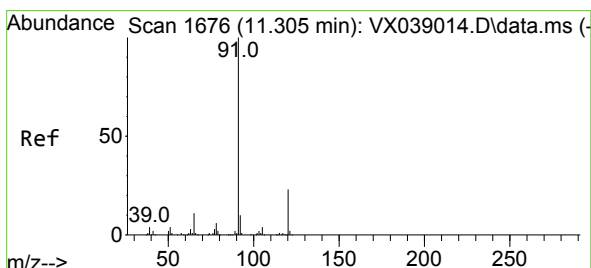
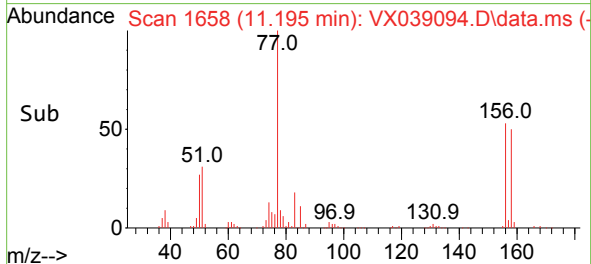
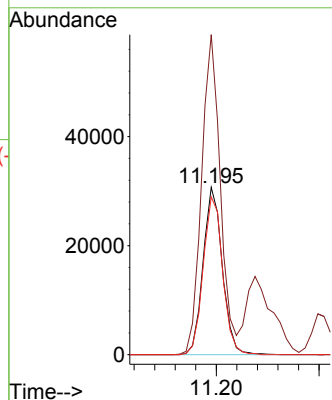
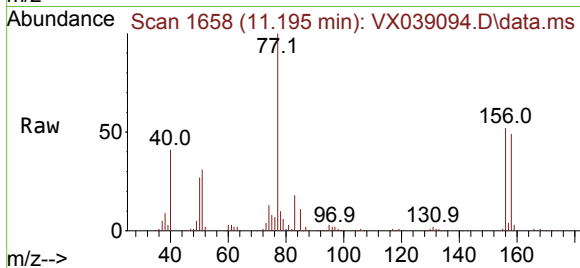
Tgt Ion:156 Resp: 39821

Ion Ratio Lower Upper

156 100

77 186.1 0.0 363.2

158 95.7 0.0 197.8



#74

n-propylbenzene

Concen: 20.820 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039094.D

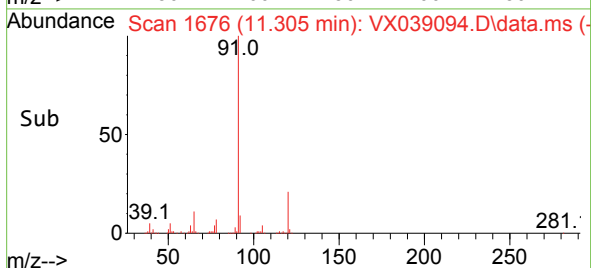
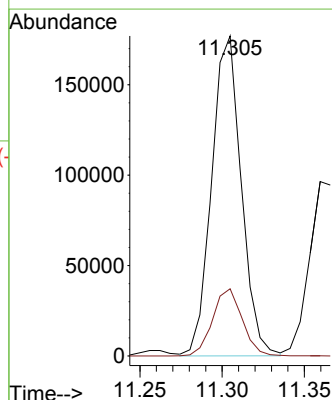
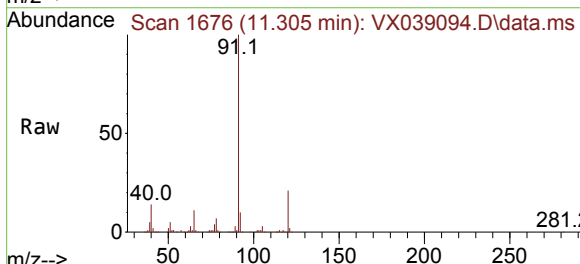
Acq: 08 Dec 2023 10:12

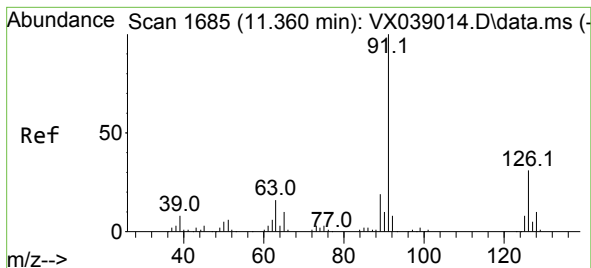
Tgt Ion: 91 Resp: 221816

Ion Ratio Lower Upper

91 100

120 21.1 0.0 43.4

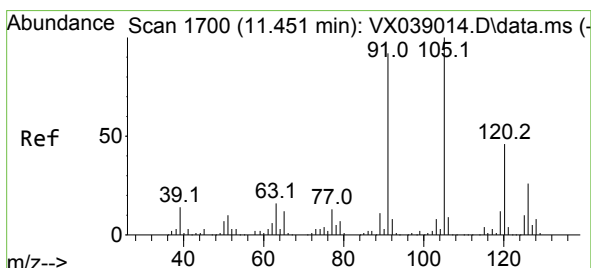
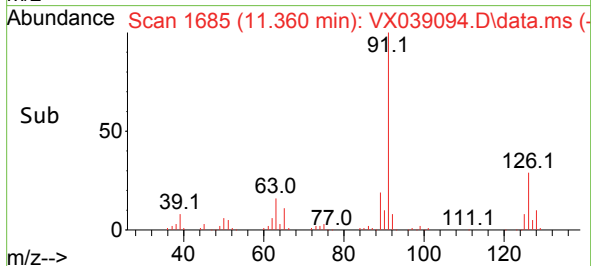
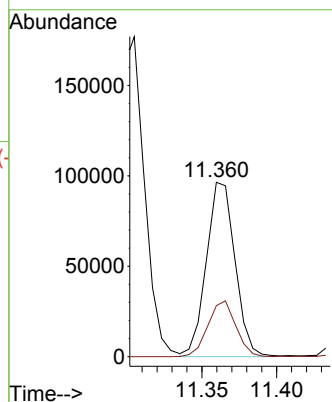
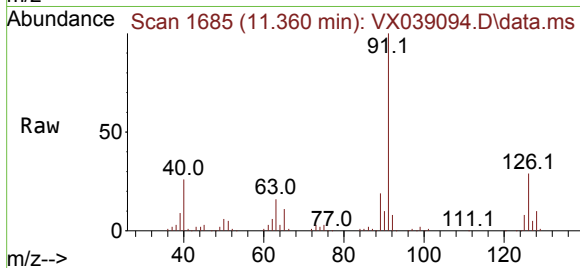




#75
2-Chlorotoluene
Concen: 20.627 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

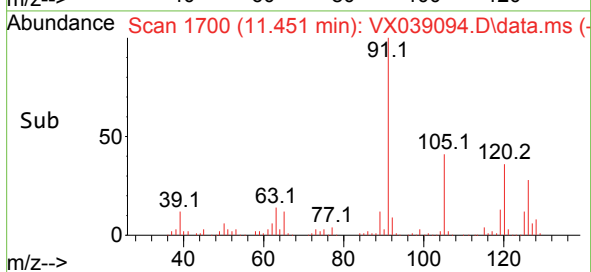
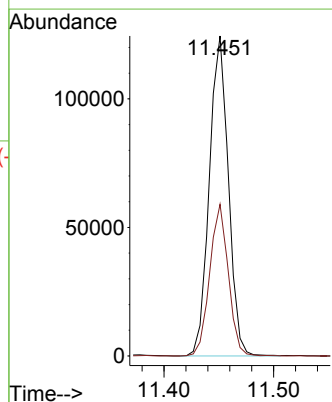
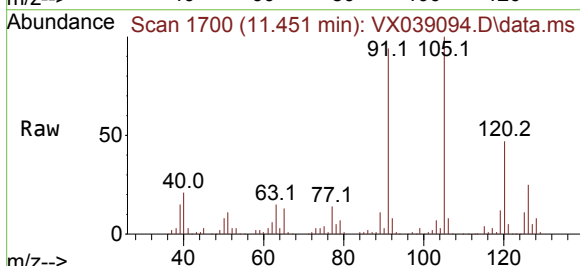
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

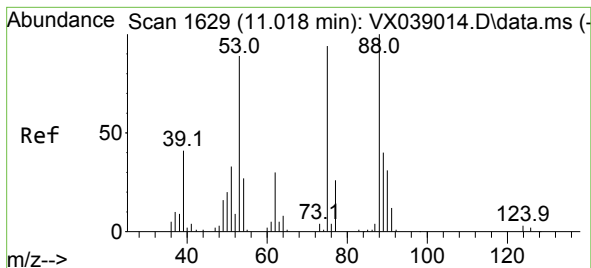
Tgt Ion: 91 Resp: 128928
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 20.069 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 105 Resp: 150343
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6

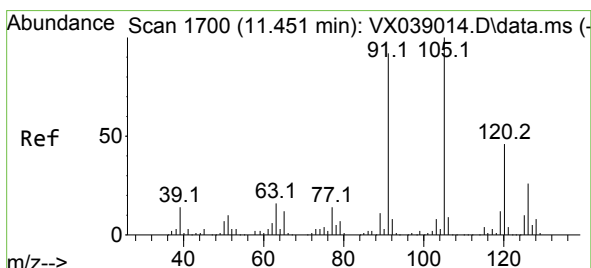
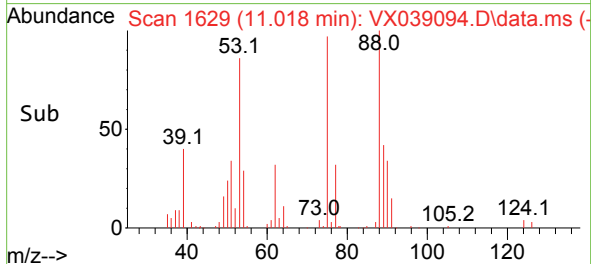
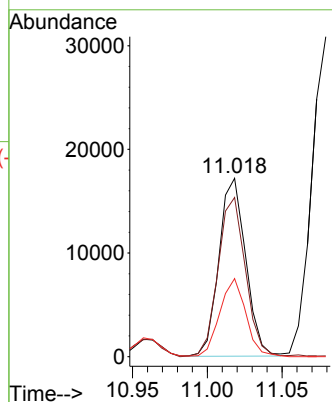
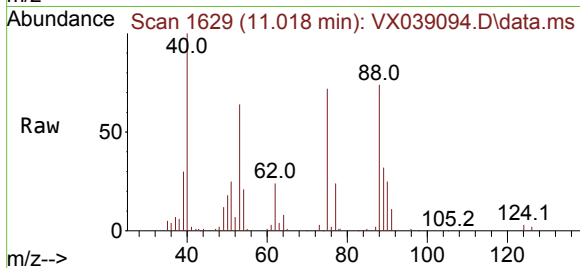




#77
t-1,4-Dichloro-2-butene
Concen: 19.675 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

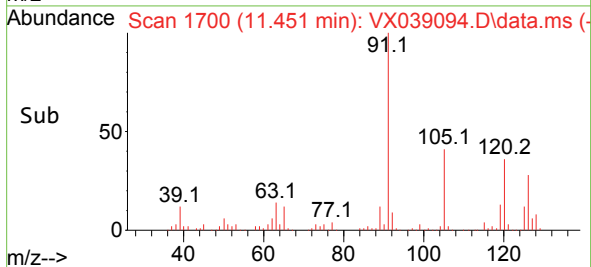
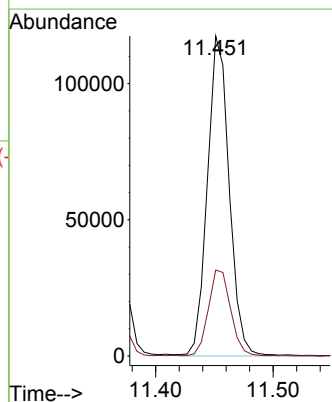
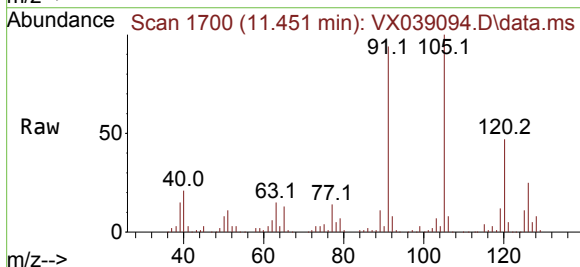
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

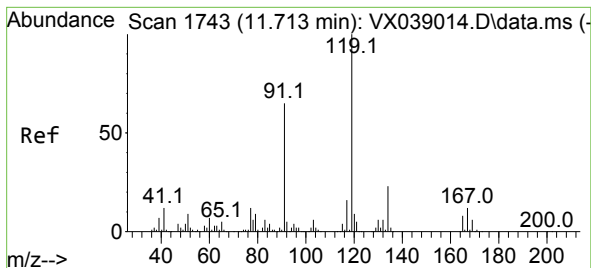
Tgt Ion: 75 Resp: 21415
Ion Ratio Lower Upper
75 100
53 89.7 46.9 140.8
89 43.5 21.3 63.7



#78
4-Chlorotoluene
Concen: 20.611 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 91 Resp: 151465
Ion Ratio Lower Upper
91 100
126 27.2 0.0 57.4

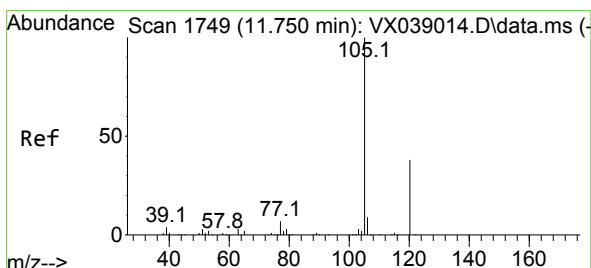
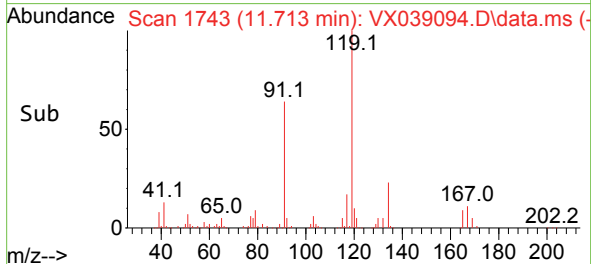
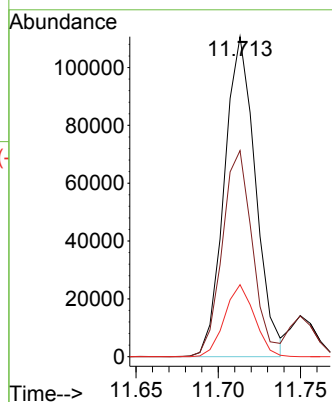
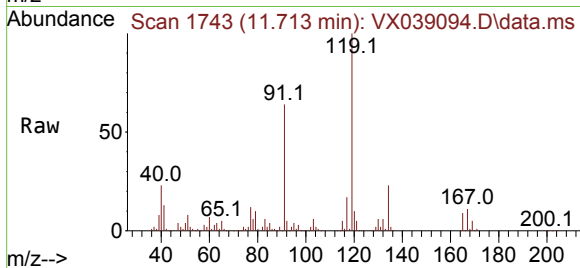




#79
tert-butylbenzene
Concen: 20.522 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

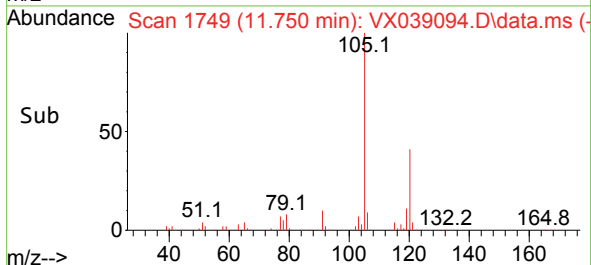
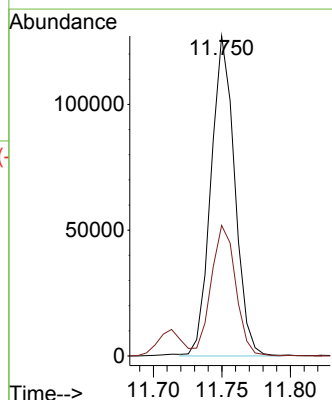
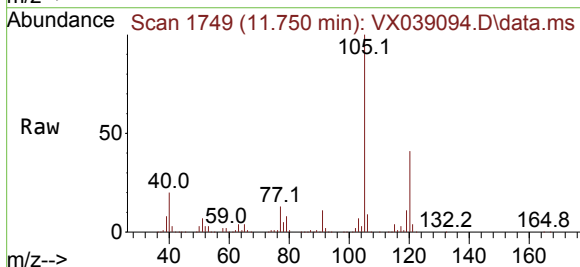
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

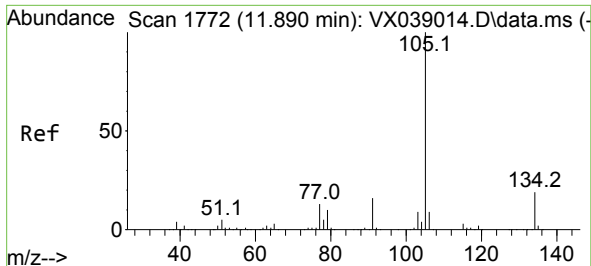
Tgt Ion:119 Resp: 146185
Ion Ratio Lower Upper
119 100
91 62.8 0.0 125.6
134 21.5 0.0 43.8



#80
1,2,4-Trimethylbenzene
Concen: 20.398 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion:105 Resp: 152931
Ion Ratio Lower Upper
105 100
120 42.5 0.0 86.4

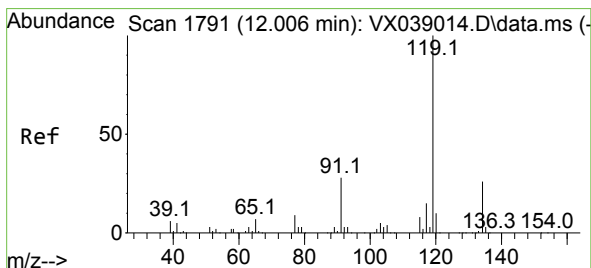
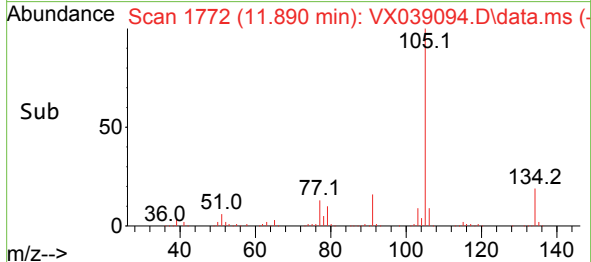
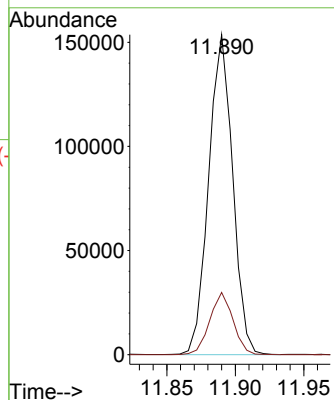
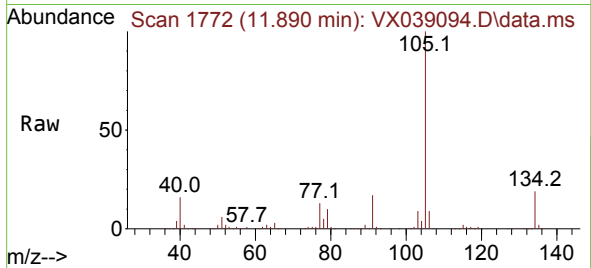




#81
 sec-Butylbenzene
 Concen: 20.779 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

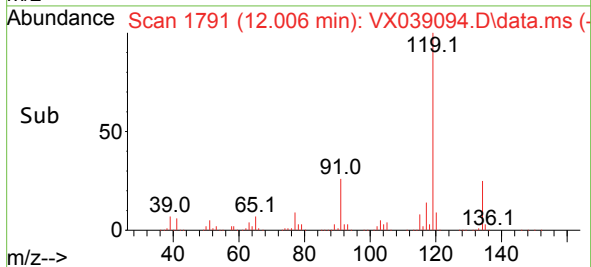
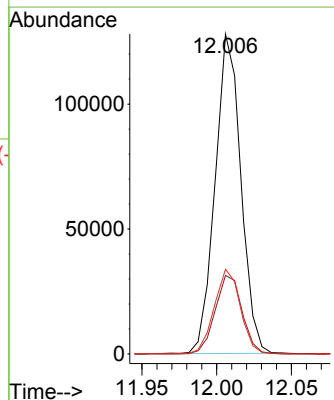
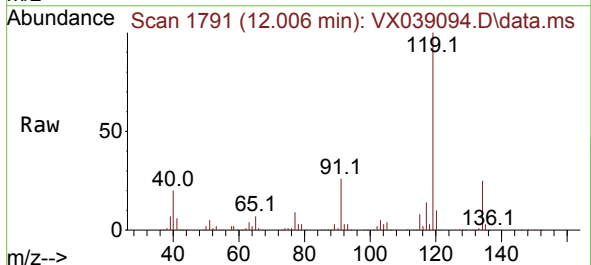
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

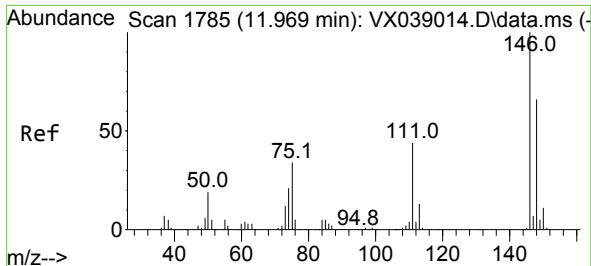
Tgt Ion:105 Resp: 187116
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 20.035 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039094.D
 Acq: 08 Dec 2023 10:12

Tgt Ion:119 Resp: 152912
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 26.9 0.0 54.2

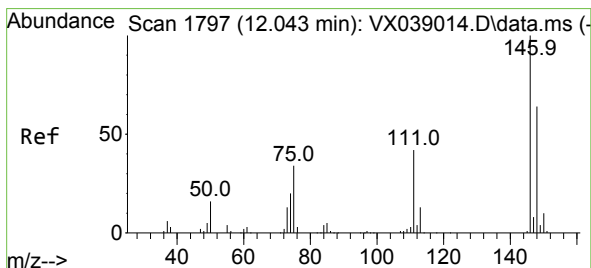
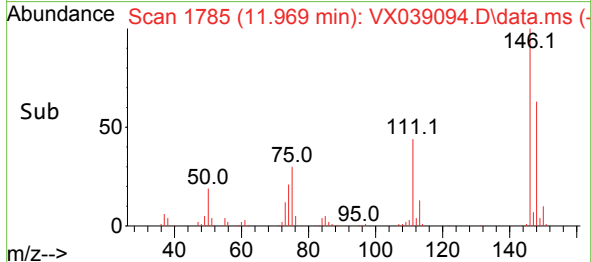
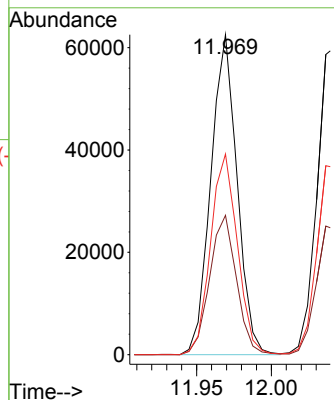
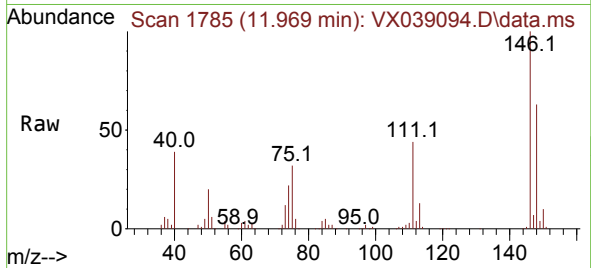




#83
1,3-Dichlorobenzene
Concen: 20.155 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

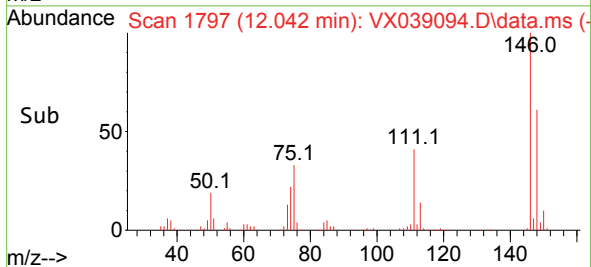
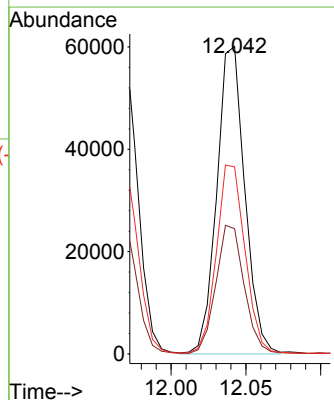
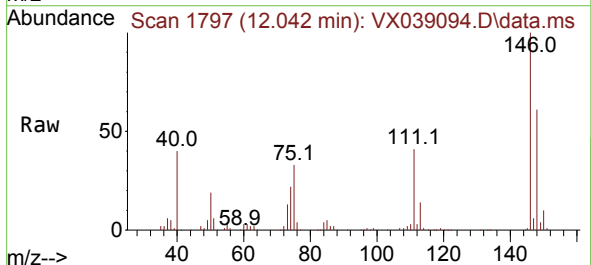
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

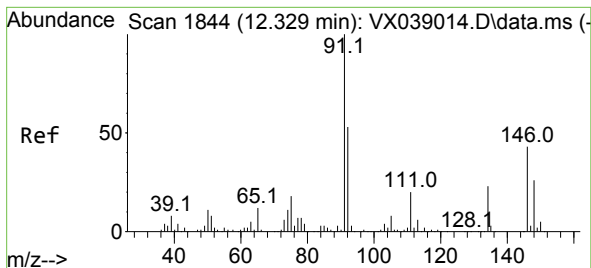
Tgt Ion:146 Resp: 76362
Ion Ratio Lower Upper
146 100
111 44.7 22.3 66.9
148 64.2 32.8 98.3



#84
1,4-Dichlorobenzene
Concen: 20.194 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion:146 Resp: 78505
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 62.6 31.8 95.4





#85

n-Butylbenzene

Concen: 20.455 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

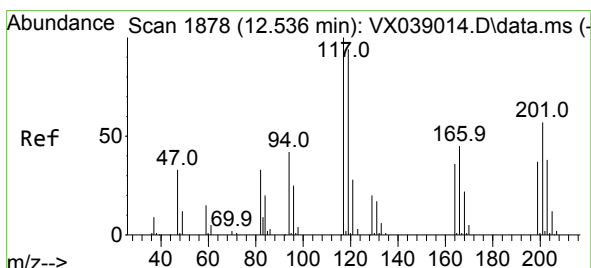
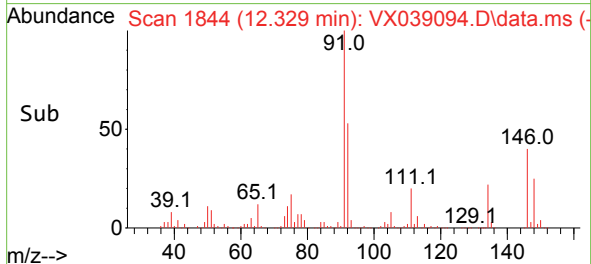
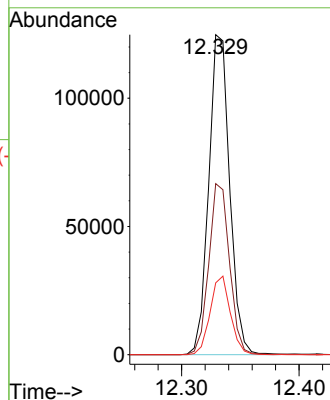
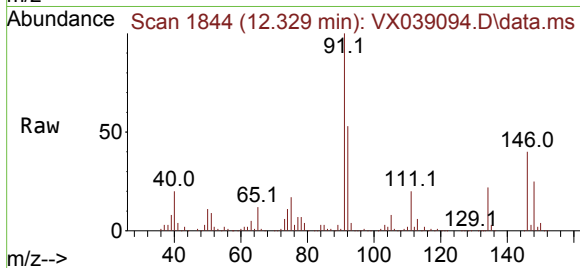
Tgt Ion: 91 Resp: 154165

Ion Ratio Lower Upper

91 100

92 52.9 0.0 106.2

134 23.7 0.0 48.8



#86

Hexachloroethane

Concen: 19.892 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039094.D

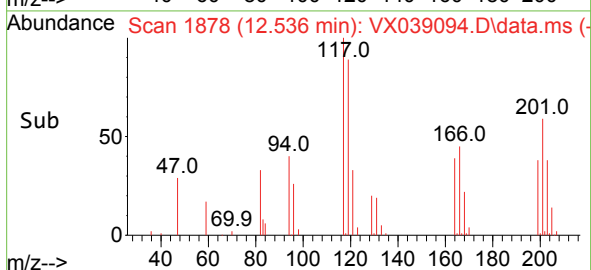
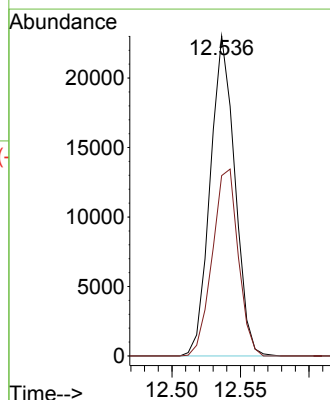
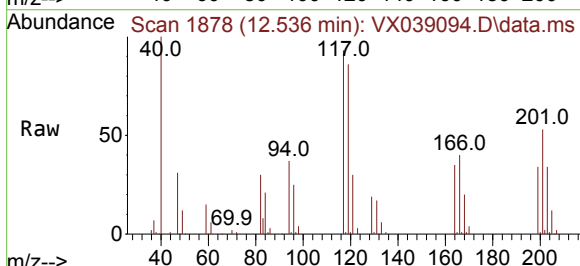
Acq: 08 Dec 2023 10:12

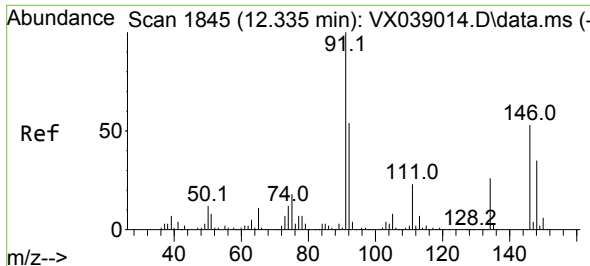
Tgt Ion: 117 Resp: 28765

Ion Ratio Lower Upper

117 100

201 61.4 31.8 95.3

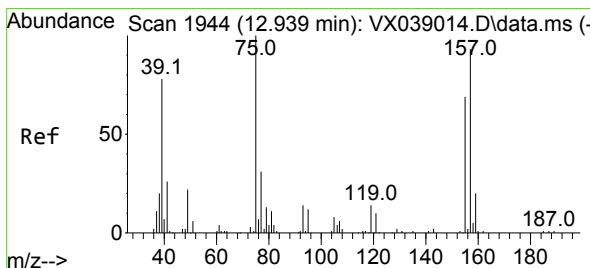
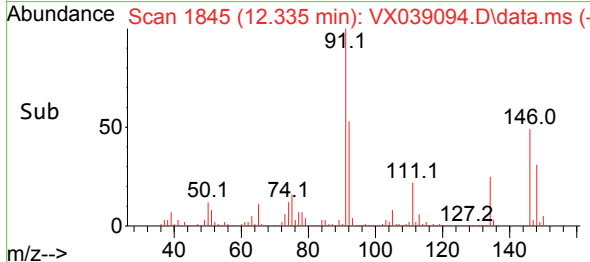
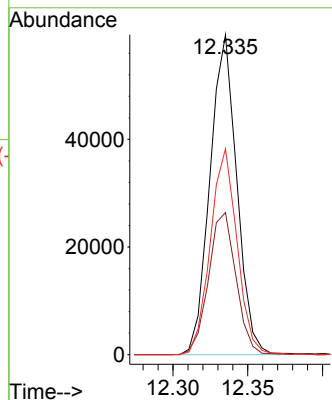
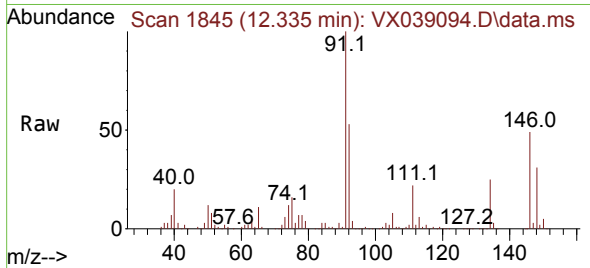




#87
1,2-Dichlorobenzene
Concen: 20.386 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

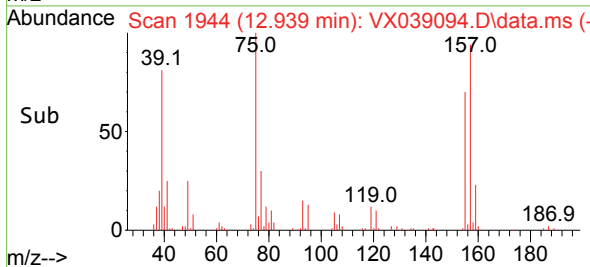
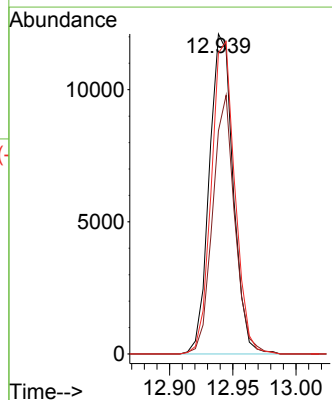
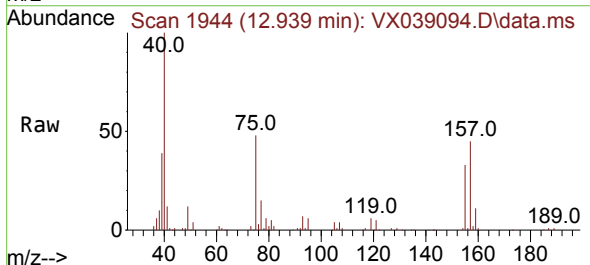
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

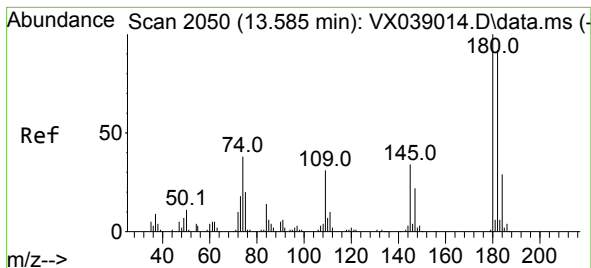
Tgt Ion:146 Resp: 74272
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.2
148 63.9 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.146 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion: 75 Resp: 15895
Ion Ratio Lower Upper
75 100
155 75.2 58.2 87.4
157 96.1 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.186 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

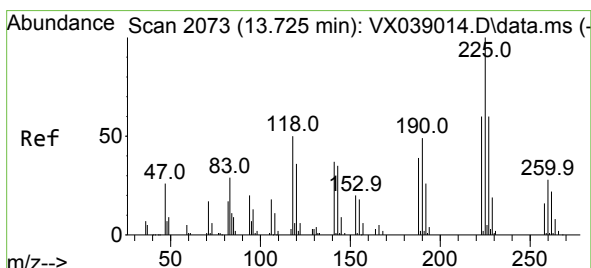
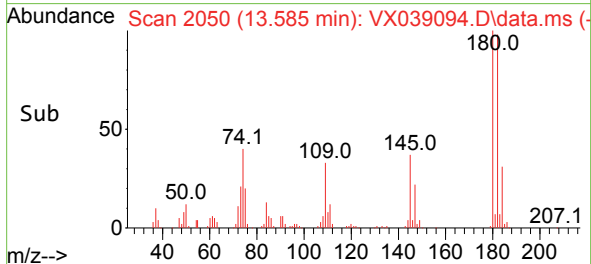
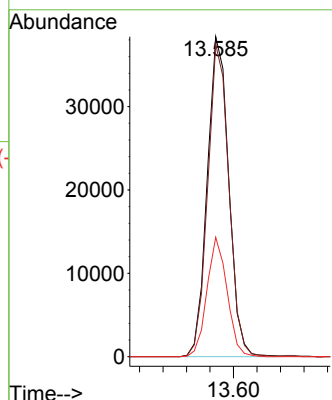
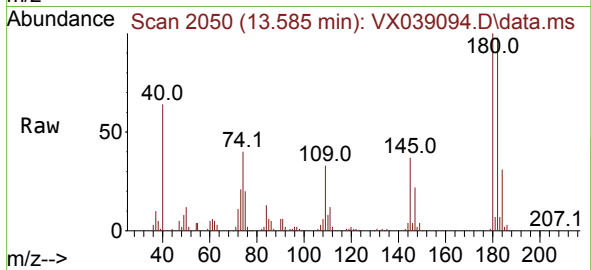
Tgt Ion:180 Resp: 48759

Ion Ratio Lower Upper

180 100

182 96.1 74.5 111.7

145 35.0 26.6 40.0



#90

Hexachlorobutadiene

Concen: 20.618 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039094.D

Acq: 08 Dec 2023 10:12

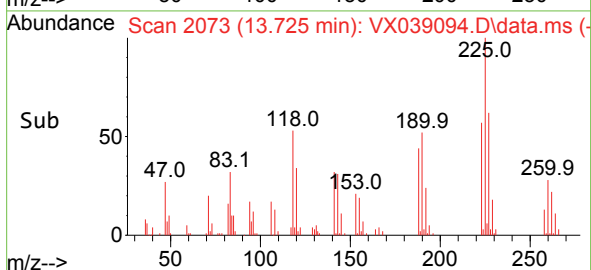
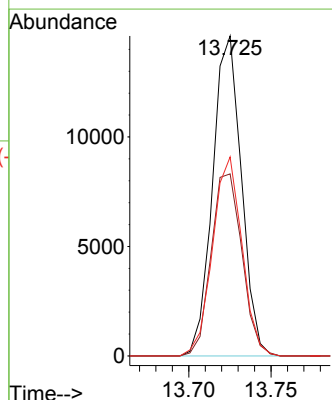
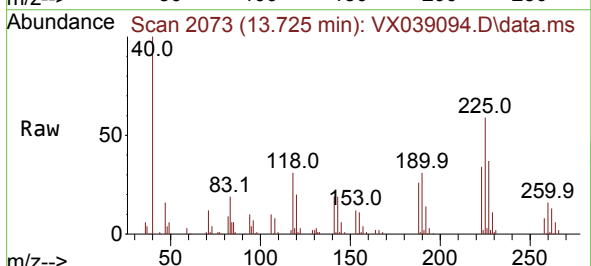
Tgt Ion:225 Resp: 17783

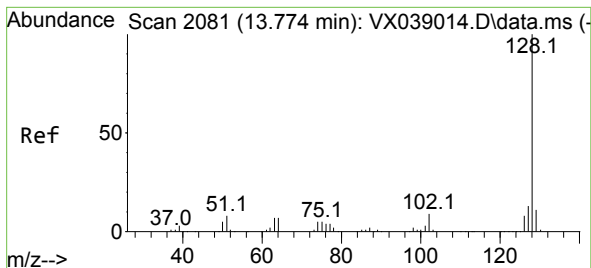
Ion Ratio Lower Upper

225 100

223 61.2 0.0 124.4

227 63.4 0.0 124.4

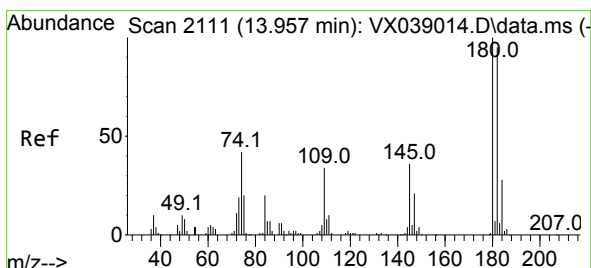
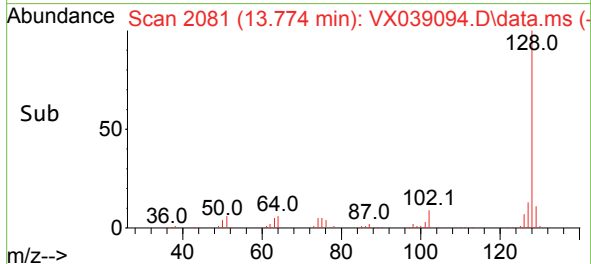
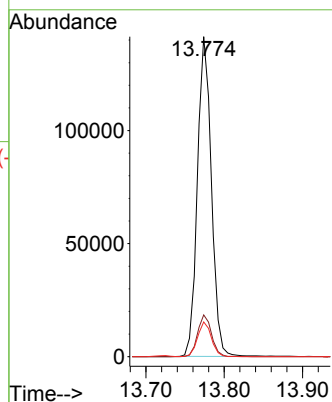
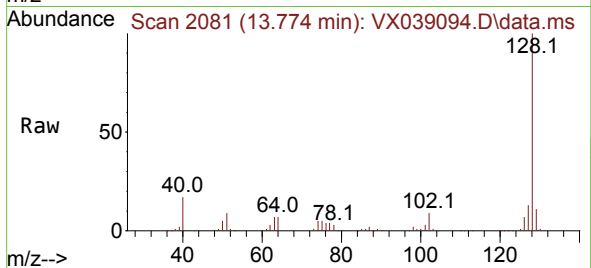




#91
Naphthalene
Concen: 19.740 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 175847
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.810 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX039094.D
Acq: 08 Dec 2023 10:12

Tgt Ion:180 Resp: 48688
Ion Ratio Lower Upper
180 100
182 93.5 0.0 191.6
145 35.9 0.0 69.6

