

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040770.D
 Acq On : 22 Mar 2024 10:50
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Quant Time: Mar 23 05:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	17513	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	96546	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	92083	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	49023	28.028	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.433%
60) 4-Bromofluorobenzene	11.079	95	46969	29.737	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.133%
63) Toluene-d8	8.647	98	124111	30.499	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20047	16.877	ug/l	96
3) Chloromethane	1.300	50	18276	15.017	ug/l	98
4) Vinyl Chloride	1.374	62	19374	14.730	ug/l	97
5) Bromomethane	1.611	94	13497	16.802	ug/l	98
6) Chloroethane	1.691	64	12084	15.638	ug/l	98
7) Trichlorofluoromethane	1.892	101	34696	17.326	ug/l	98
8) Diethyl Ether	2.136	74	12117	17.821	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	19604	17.872	ug/l	96
10) 1,1-Dichloroethene	2.319	96	17549	16.804	ug/l	98
11) Methyl Iodide	2.453	142	25976	20.565	ug/l	92
12) Methyl Acetate	2.697	43	31406	18.256	ug/l	97
13) Acrolein	2.233	56	27688	85.373	ug/l	98
14) Acrylonitrile	3.056	53	58651	86.582	ug/l	98
15) Acetone	2.373	58	15807	81.635	ug/l	69
16) Carbon Disulfide	2.514	76	45153	15.731	ug/l #	93
17) Allyl chloride	2.666	41	32816	17.027	ug/l	87
18) Methylene Chloride	2.788	84	21319	17.880	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	19756	17.327	ug/l	97
20) Diisopropyl ether	3.751	45	68591	17.796	ug/l #	81
21) 1,1-Dichloroethane	3.605	63	38653	17.427	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	23199	17.521	ug/l	95
23) tert-Butyl Alcohol	2.940	59	25558	79.854	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	69025	17.909	ug/l	97
25) Chloroform	5.086	83	43518	17.927	ug/l	95
26) Cyclohexane	5.464	56	31402	17.543	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	29749	17.802	ug/l	83
30) 2-Butanone	4.544	43	87079	85.391	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	33809	18.744	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	38417	18.244	ug/l	97
33) Carbon Tetrachloride	5.678	117	32807	18.517	ug/l	94
34) Benzene	6.037	78	82167	18.213	ug/l	99
35) Methacrylonitrile	4.910	41	18356	17.534	ug/l	91
36) 1,2-Dichloroethane	6.086	62	36942	17.711	ug/l #	95
37) Trichloroethene	7.123	130	21743	17.935	ug/l	97
38) Methylcyclohexane	7.379	83	32044	17.807	ug/l	94
39) 1,2-Dichloropropane	7.427	63	21575	18.783	ug/l	97
40) Dibromomethane	7.574	93	17313	19.186	ug/l	98
41) Bromodichloromethane	7.818	83	33818	18.838	ug/l #	98
42) Vinyl Acetate	3.715	43	321117	91.459	ug/l	99

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC020

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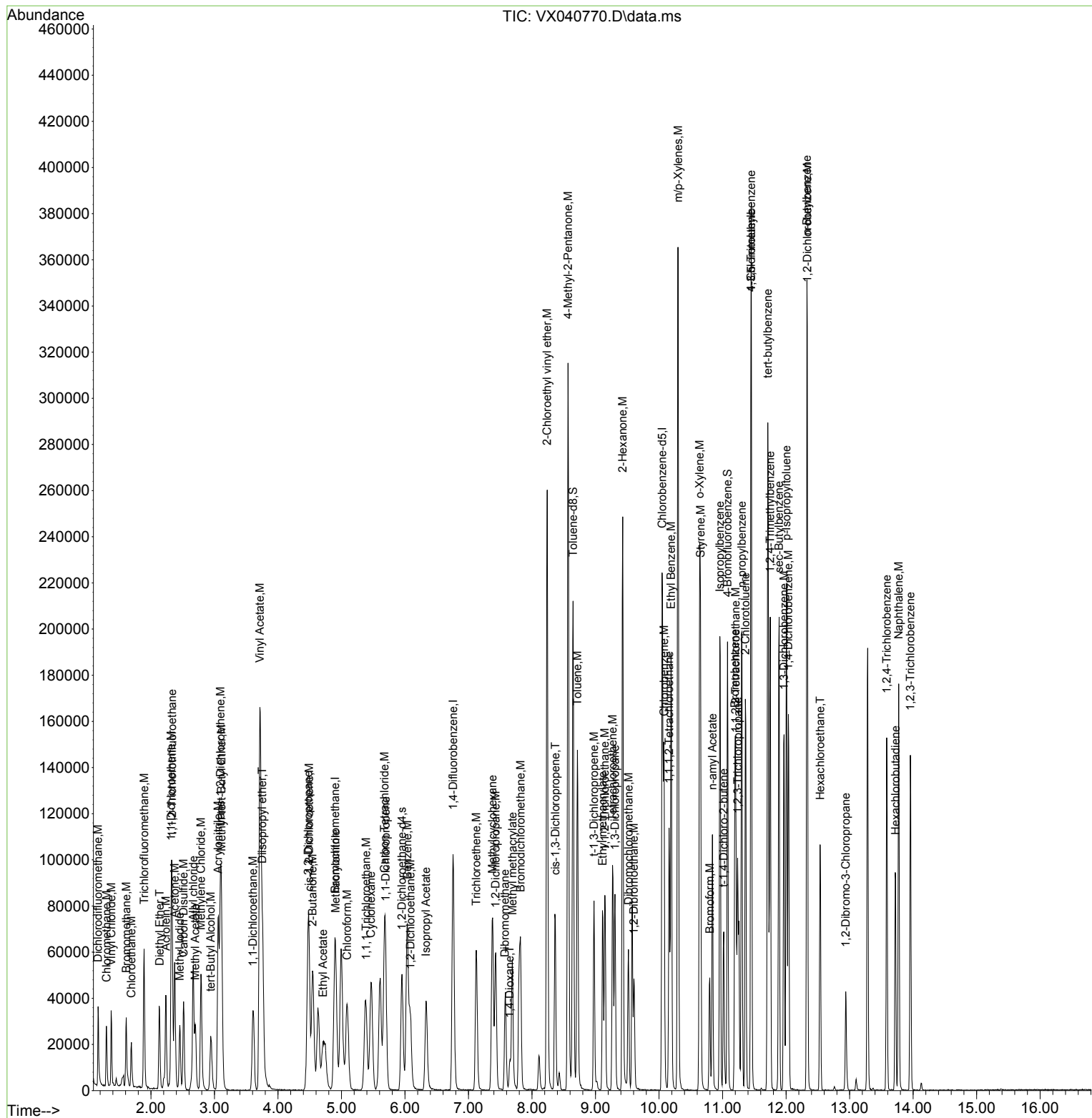
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	32853	17.106	ug/l	97
44) Isopropyl Acetate	6.330	43	54249	17.696	ug/l	96
45) 1,4-Dioxane	7.647	88	10024	318.093	ug/l	98
46) Methyl methacrylate	7.690	41	27667	18.170	ug/l	95
47) n-amyl Acetate	10.841	43	47163	17.850	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	35596	18.760	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	36822	19.050	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	21470	17.912	ug/l	97
51) Ethyl methacrylate	9.110	69	33378	17.688	ug/l	96
52) 1,3-Dichloropropane	9.305	76	36864	18.024	ug/l	99
53) Dibromochloromethane	9.518	129	23818	17.431	ug/l	97
54) 1,2-Dibromoethane	9.604	107	23090	17.409	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	98762	102.772	ug/l	99
56) Bromoform	10.799	173	16391	16.912	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	183523	89.503	ug/l	98
59) 2-Hexanone	9.427	43	135330	81.710	ug/l	96
61) Tetrachloroethene	9.269	164	17152	15.693	ug/l	95
62) Toluene	8.714	91	92055	18.151	ug/l	98
64) Chlorobenzene	10.079	112	57405	18.519	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21372	18.077	ug/l	97
66) Ethyl Benzene	10.189	91	105966	18.122	ug/l	98
67) m/p-Xylenes	10.299	106	77888	36.070	ug/l	95
68) o-Xylene	10.640	106	37262	17.925	ug/l	99
69) Styrene	10.652	104	60004	17.181	ug/l	98
70) Isopropylbenzene	10.957	105	98736	17.579	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	35017	17.783	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	39840	22.486	ug/l	90
73) Bromobenzene	11.195	156	23671	17.802	ug/l	94
74) n-propylbenzene	11.305	91	125468	18.086	ug/l	100
75) 2-Chlorotoluene	11.360	91	73692	17.901	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	84837	17.156	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	10467	19.010	ug/l	81
78) 4-Chlorotoluene	11.451	91	86629	17.640	ug/l	99
79) tert-butylbenzene	11.713	119	82195	17.809	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	85638	17.577	ug/l	99
81) sec-Butylbenzene	11.890	105	106311	17.446	ug/l	99
82) p-Isopropyltoluene	12.006	119	87873	17.617	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47042	18.181	ug/l	95
84) 1,4-Dichlorobenzene	12.036	146	46433	17.549	ug/l	100
85) n-Butylbenzene	12.329	91	85592	17.635	ug/l	99
86) Hexachloroethane	12.536	117	14576	16.748	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	44355	17.641	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8395	15.944	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	30953	18.284	ug/l	99
90) Hexachlorobutadiene	13.725	225	11988	17.513	ug/l	95
91) Naphthalene	13.774	128	98146	17.773	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	29208	17.498	ug/l	98

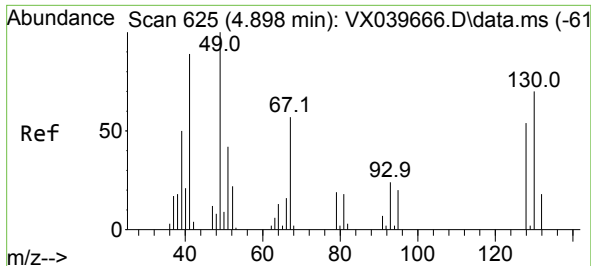
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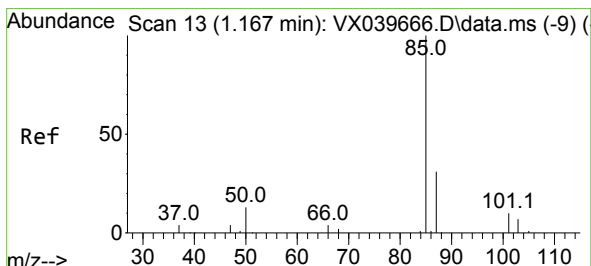
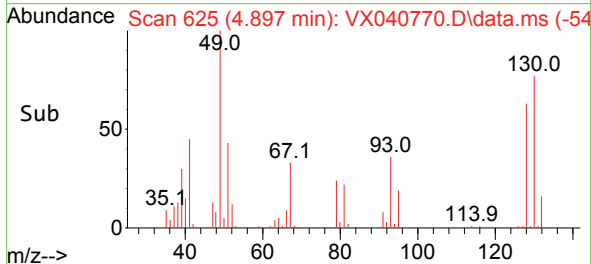
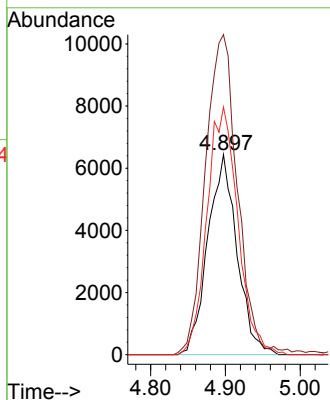
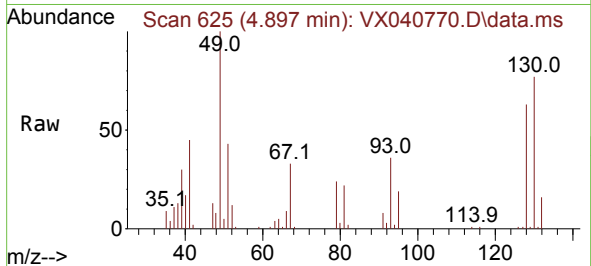




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

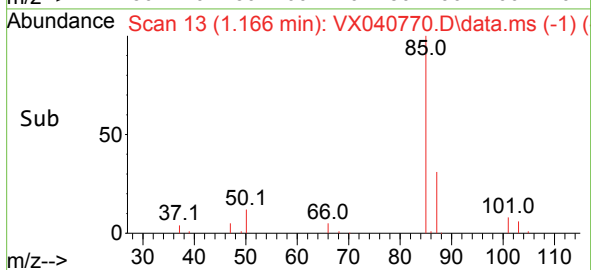
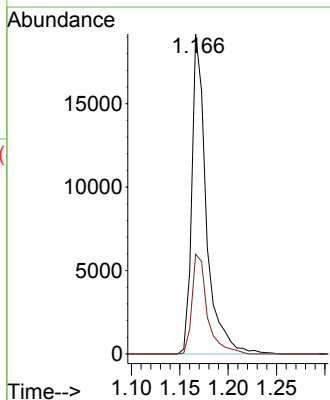
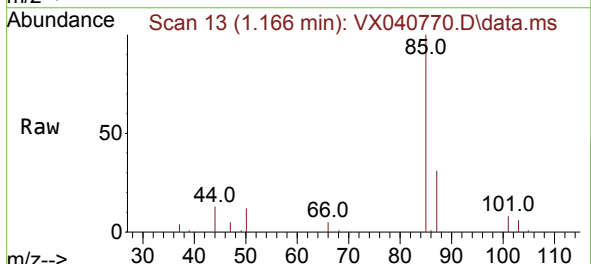
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MSVOA_X
ClientSampleId :
VSTDCCC020

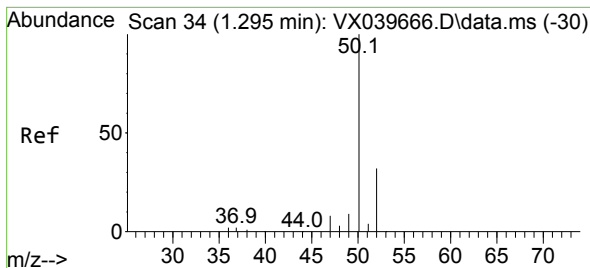
Tgt Ion:128 Resp: 17513
Ion Ratio Lower Upper
128 100
49 172.9 0.0 444.0
130 131.2 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 16.877 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 85 Resp: 20047
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3

Chloromethane

Concen: 15.017 ug/l

RT: 1.300 min Scan# 3

Delta R.T. 0.005 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

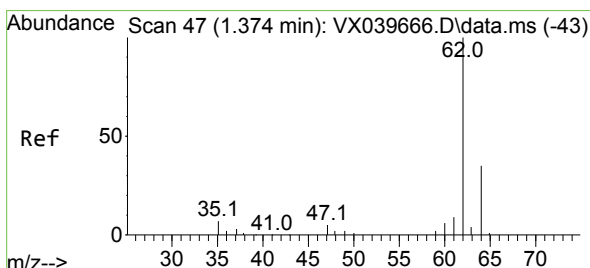
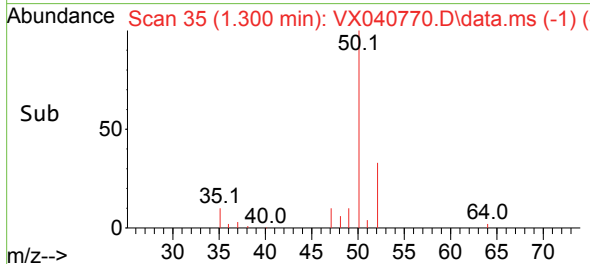
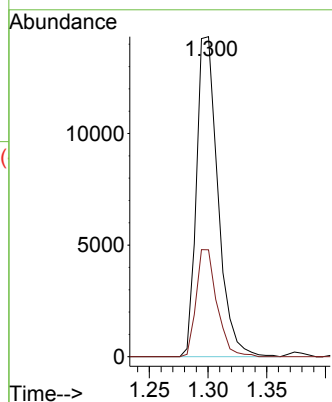
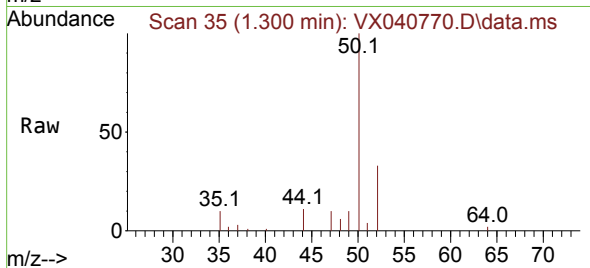
VSTDCCC020

Tgt Ion: 50 Resp: 18276

Ion Ratio Lower Upper

50 100

52 33.4 27.8 41.8



#4

Vinyl Chloride

Concen: 14.730 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040770.D

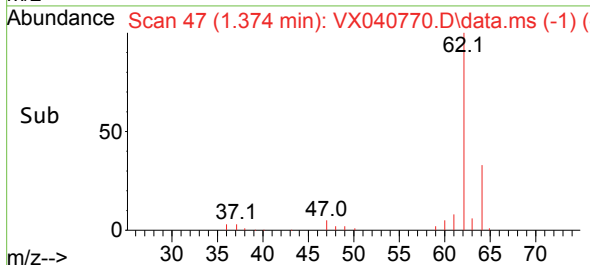
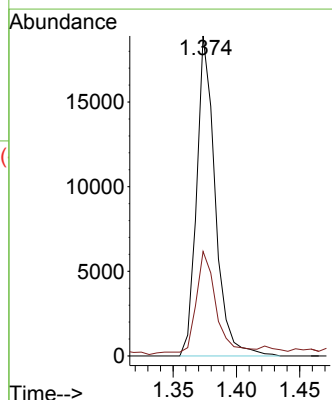
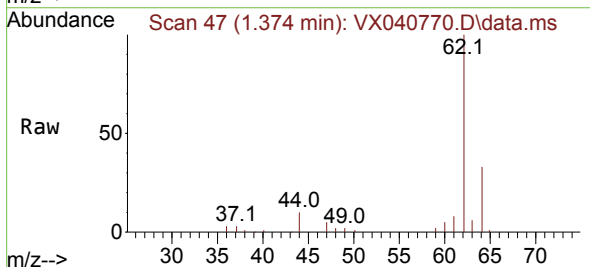
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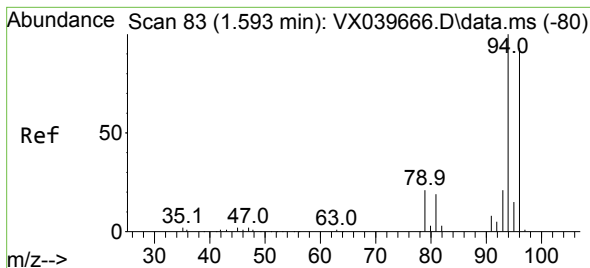
Tgt Ion: 62 Resp: 19374

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5





#5

Bromomethane

Concen: 16.802 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.018 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

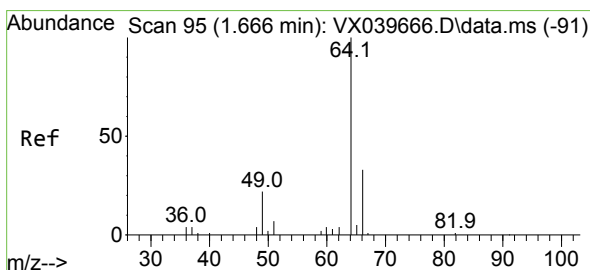
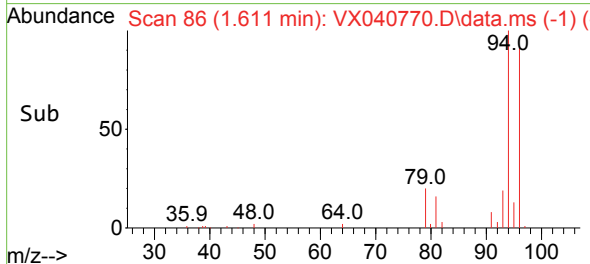
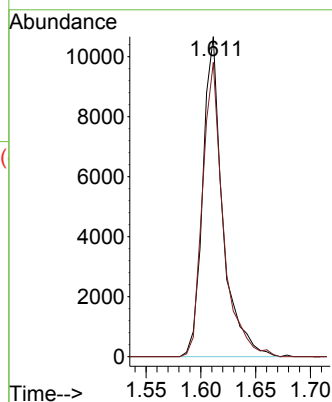
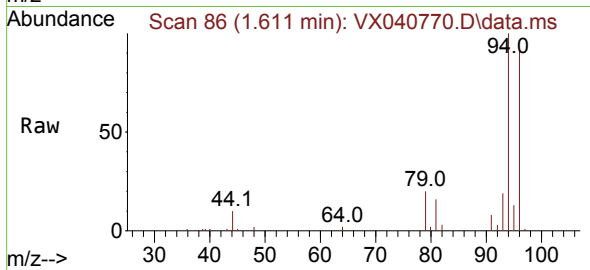
VSTDCCC020

Tgt Ion: 94 Resp: 13497

Ion Ratio Lower Upper

94 100

96 92.0 74.9 112.3



#6

Chloroethane

Concen: 15.638 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.025 min

Lab File: VX040770.D

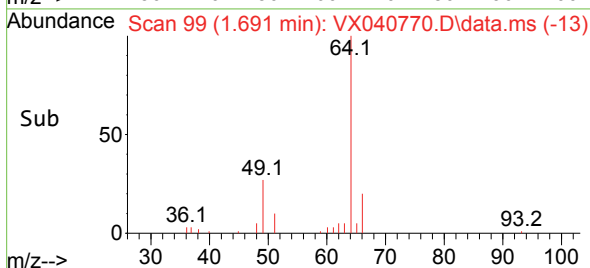
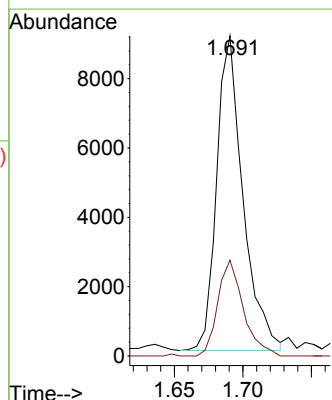
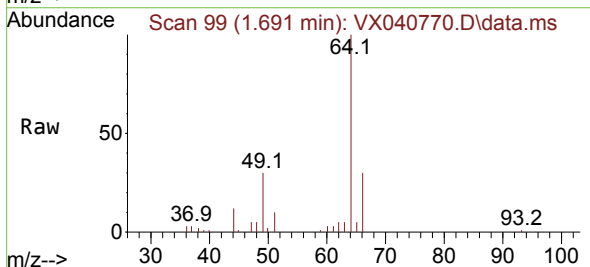
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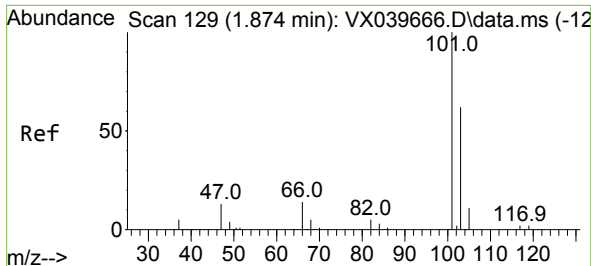
Tgt Ion: 64 Resp: 12084

Ion Ratio Lower Upper

64 100

66 30.4 25.0 37.6

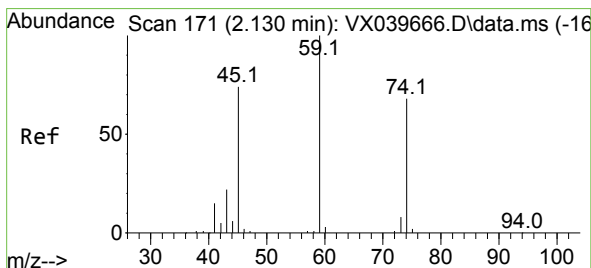
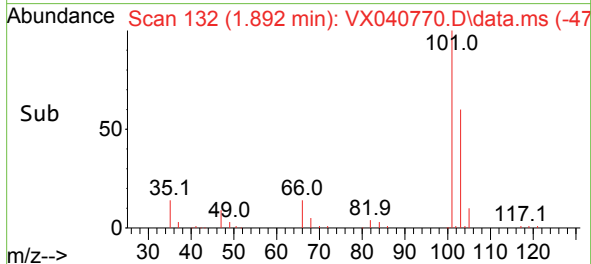
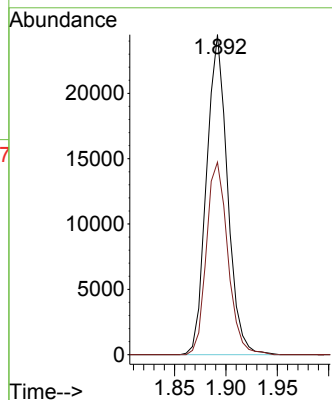
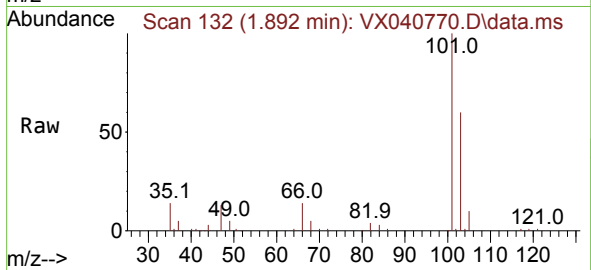




#7
 Trichlorofluoromethane
 Concen: 17.326 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

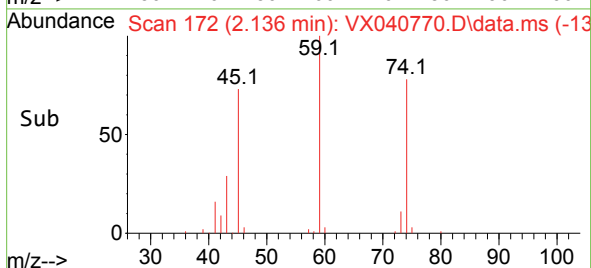
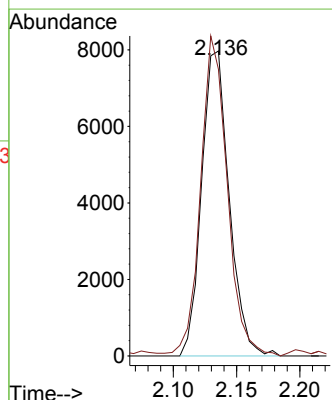
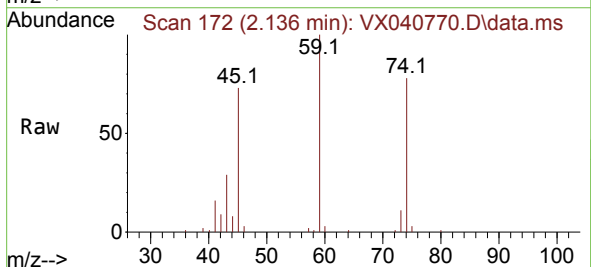
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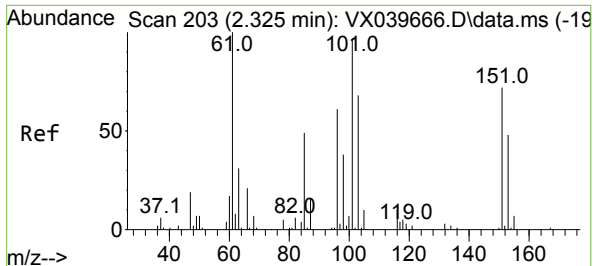
Tgt Ion:101 Resp: 34696
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.1 73.7



#8
 Diethyl Ether
 Concen: 17.821 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

Tgt Ion: 74 Resp: 12117
 Ion Ratio Lower Upper
 74 100
 45 101.2 20.5 184.5

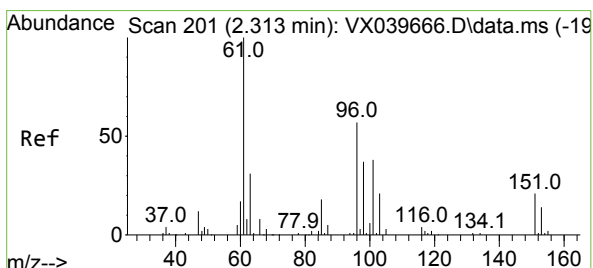
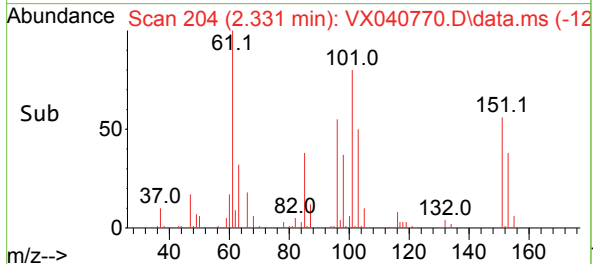
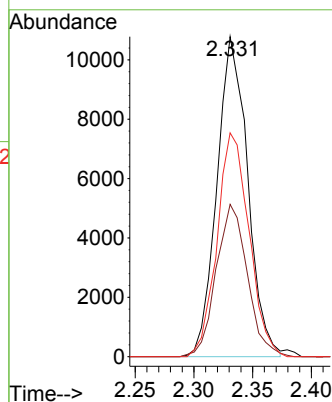
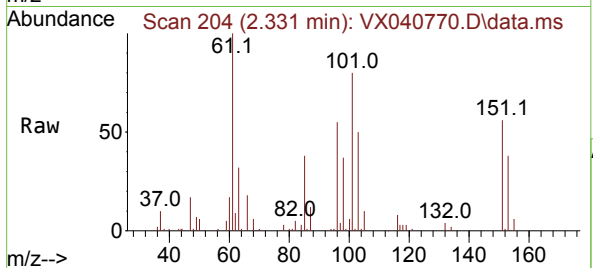




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.872 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040770.D
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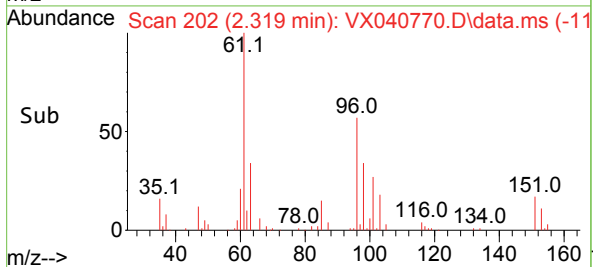
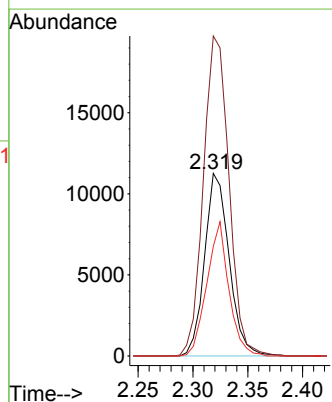
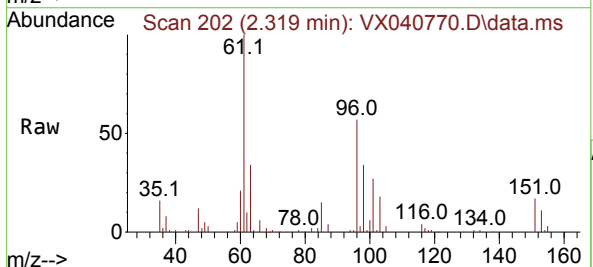
Instrument :
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ClientSampleId :
VSTDCCC020

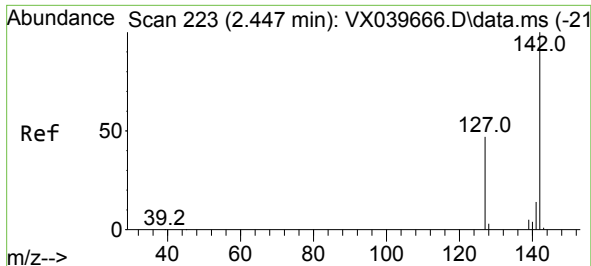
Tgt Ion:101 Resp: 19604
Ion Ratio Lower Upper
101 100
85 48.3 0.0 95.2
151 72.8 0.0 136.8



#10
1,1-Dichloroethene
Concen: 16.804 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

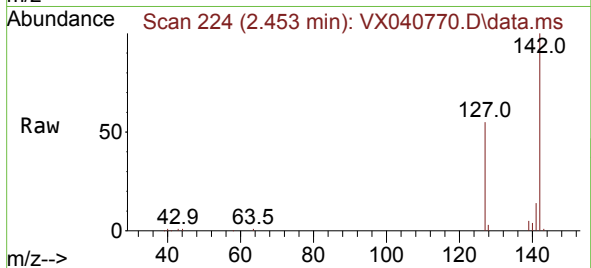
Tgt Ion: 96 Resp: 17549
Ion Ratio Lower Upper
96 100
61 174.8 138.3 207.5
98 60.1 49.8 74.6



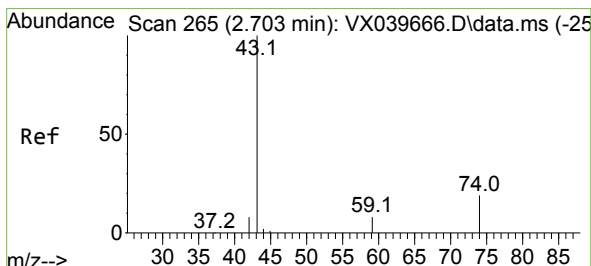
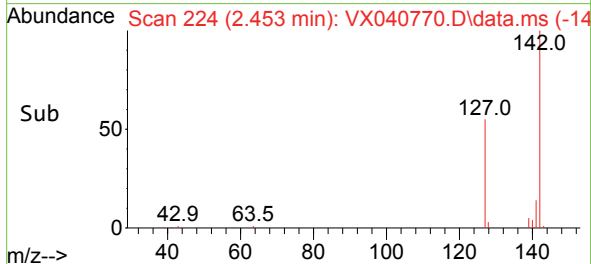
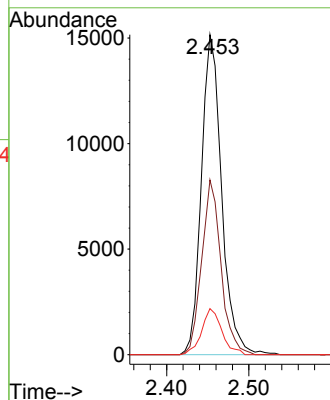


#11
Methyl Iodide
Concen: 20.565 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

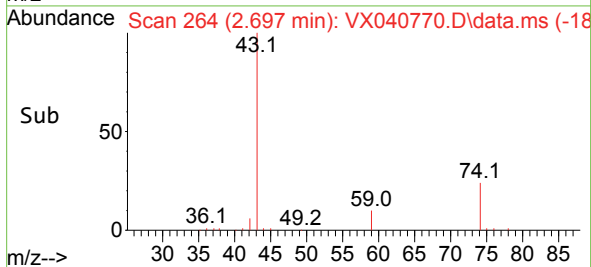
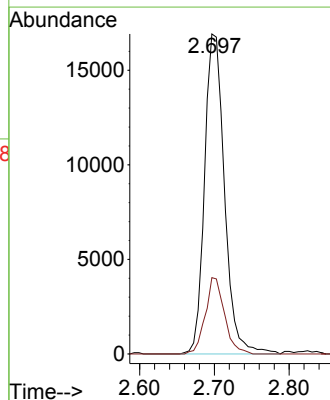
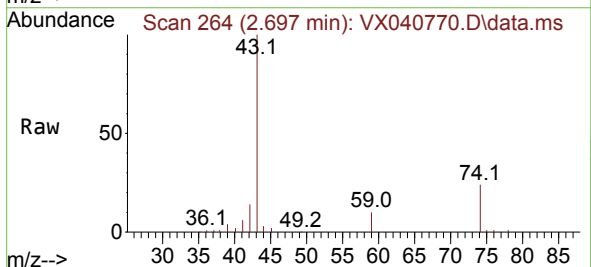


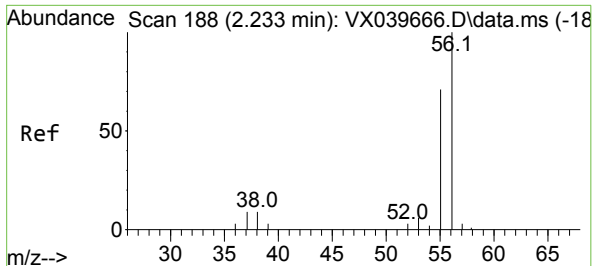
Tgt Ion:142 Resp: 25976
Ion Ratio Lower Upper
142 100
127 54.6 23.8 71.4
141 14.4 6.9 20.6



#12
Methyl Acetate
Concen: 18.256 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 43 Resp: 31406
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.6





#13

Acrolein

Concen: 85.373 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

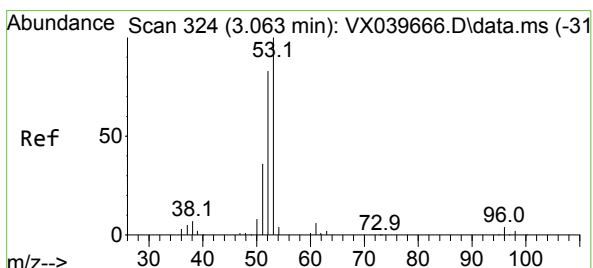
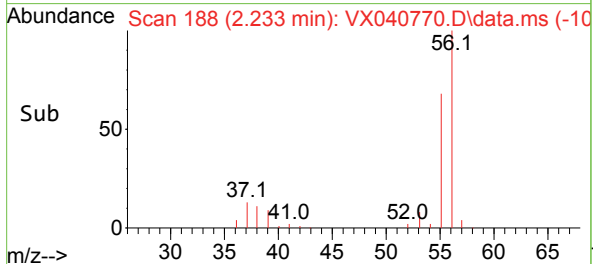
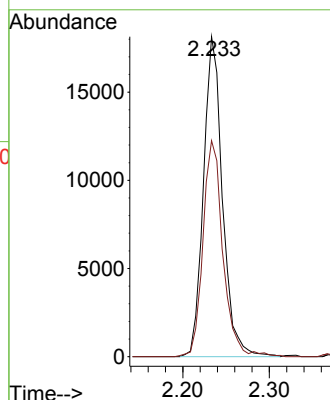
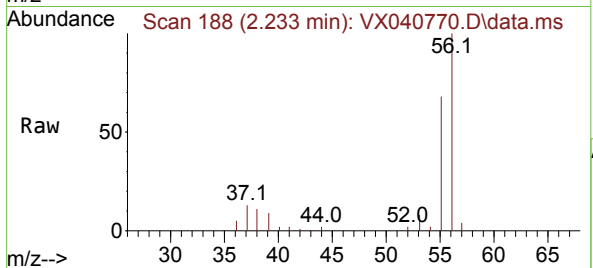
VSTDCCC020

Tgt Ion: 56 Resp: 27688

Ion Ratio Lower Upper

56 100

55 69.5 57.2 85.8



#14

Acrylonitrile

Concen: 86.582 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.007 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

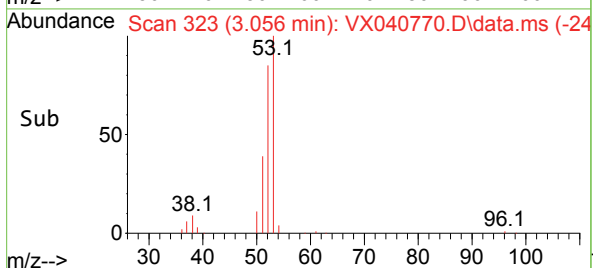
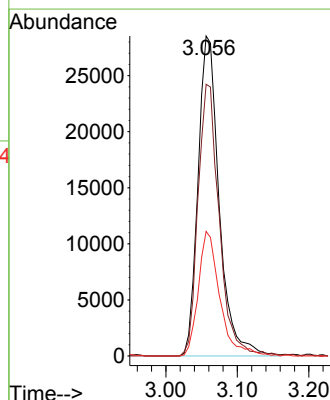
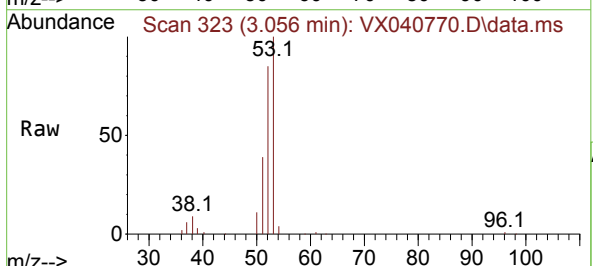
Tgt Ion: 53 Resp: 58651

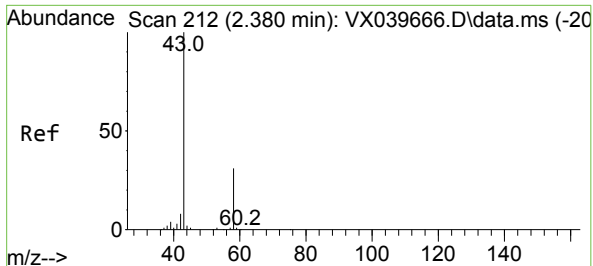
Ion Ratio Lower Upper

53 100

52 84.3 41.9 125.6

51 39.6 18.3 54.9

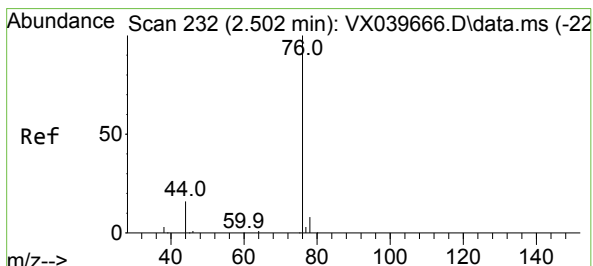
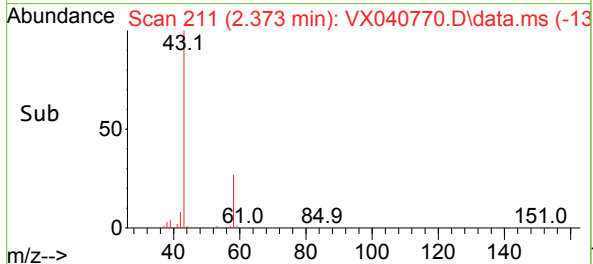
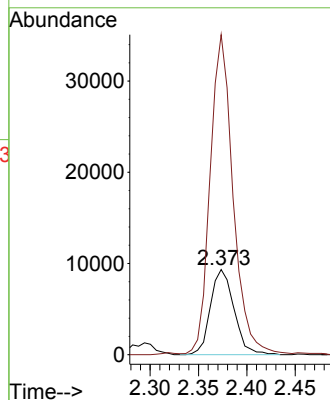
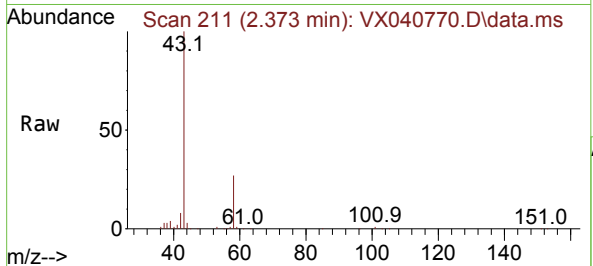




#15
Acetone
Concen: 81.635 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

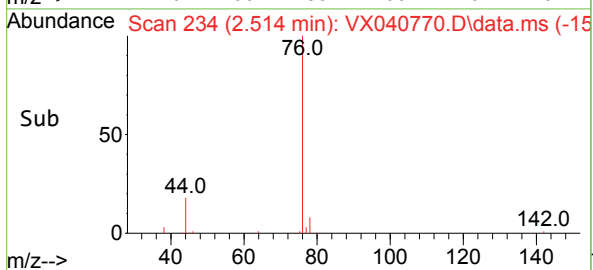
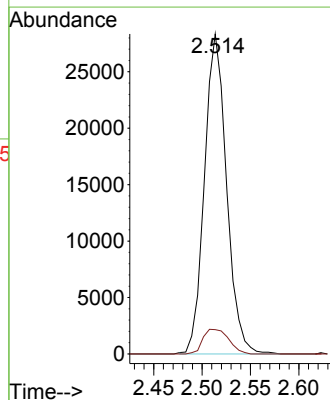
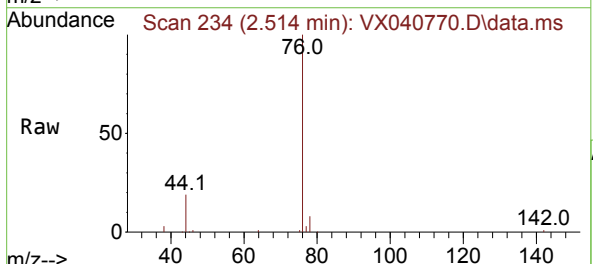
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

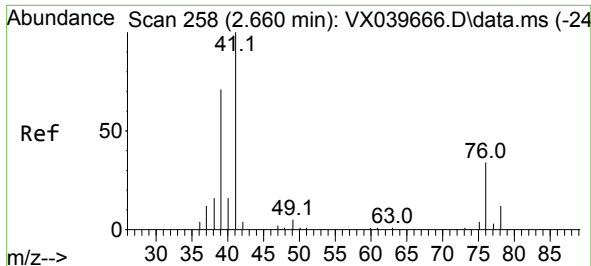
Tgt Ion: 58 Resp: 15807
Ion Ratio Lower Upper
58 100
43 374.7 249.9 374.9



#16
Carbon Disulfide
Concen: 15.731 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 76 Resp: 45153
Ion Ratio Lower Upper
76 100
78 7.6 8.0 12.0#





#17

Allyl chloride

Concen: 17.027 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

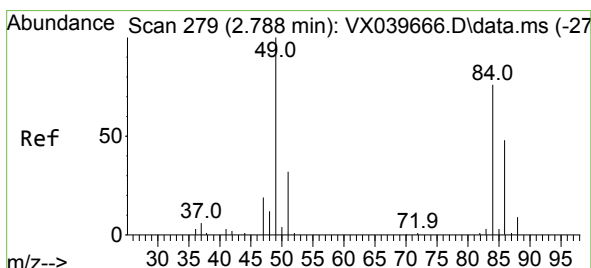
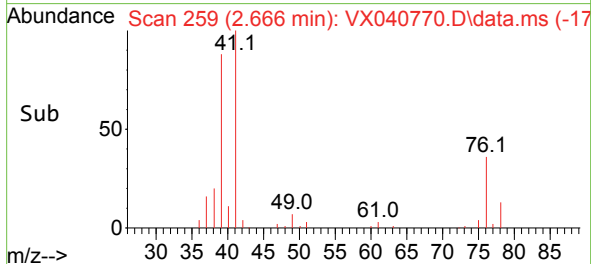
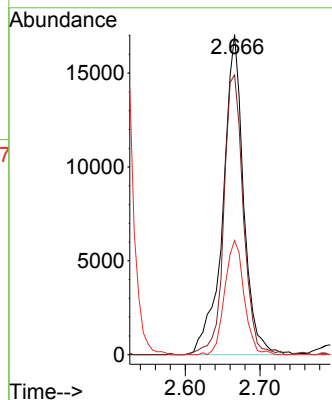
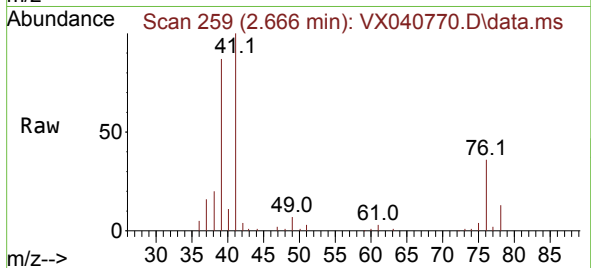
Tgt Ion: 41 Resp: 32816

Ion Ratio Lower Upper

41 100

39 87.4 36.5 109.5

76 35.7 19.7 59.0



#18

Methylene Chloride

Concen: 17.880 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Tgt Ion: 84 Resp: 21319

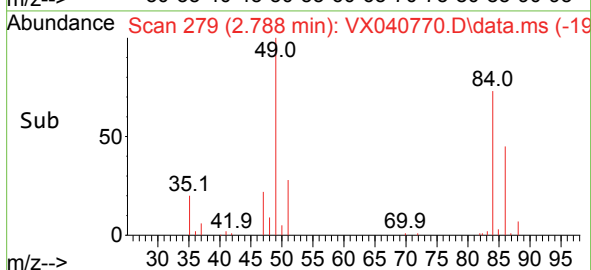
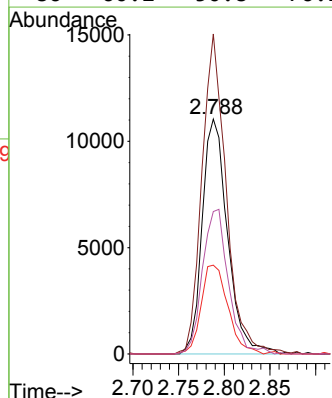
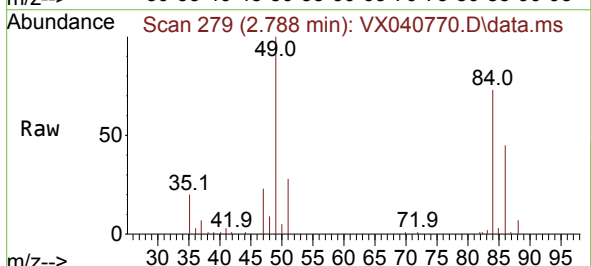
Ion Ratio Lower Upper

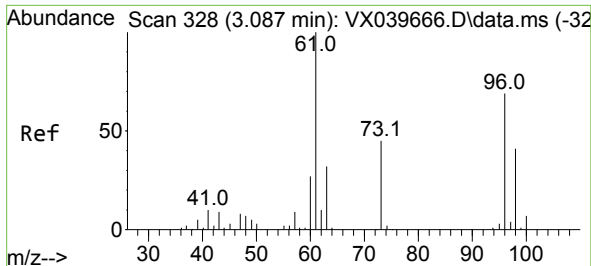
84 100

49 135.0 103.8 155.8

51 37.8 31.8 47.6

86 60.2 50.8 76.2

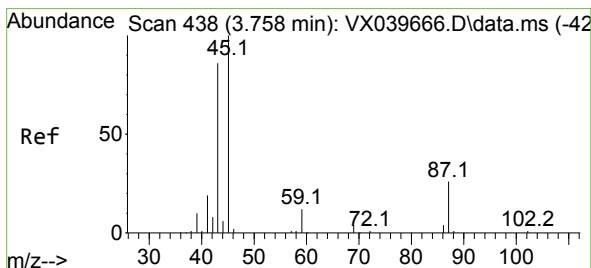
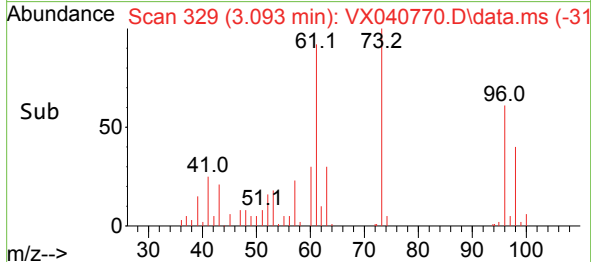
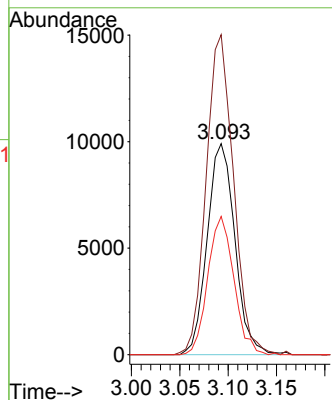
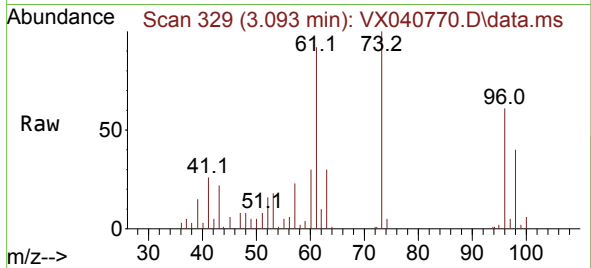




#19
trans-1,2-Dichloroethene
Concen: 17.327 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

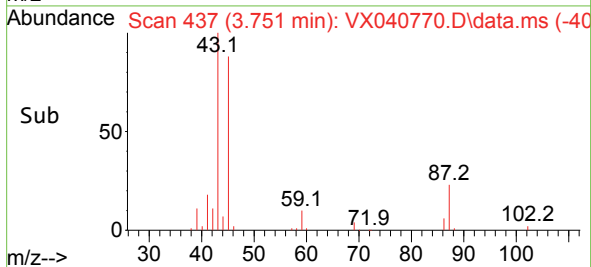
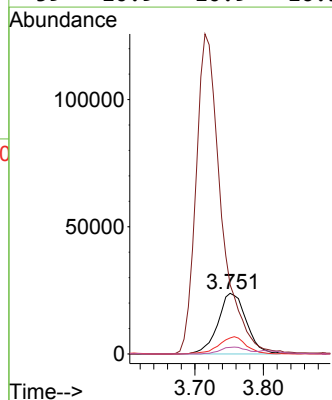
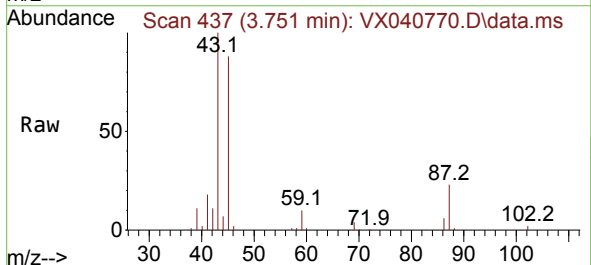
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

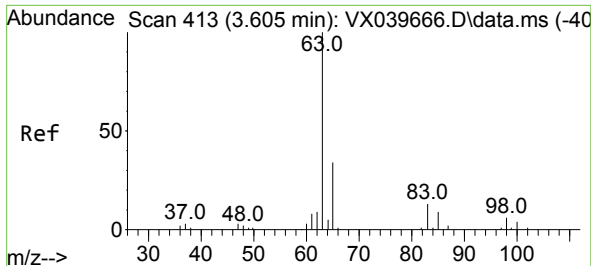
Tgt Ion: 96 Resp: 19756
Ion Ratio Lower Upper
96 100
61 151.6 117.9 176.9
98 65.5 51.0 76.6



#20
Diisopropyl ether
Concen: 17.796 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 45 Resp: 68591
Ion Ratio Lower Upper
45 100
43 109.4 67.7 101.5#
87 26.4 21.5 32.3
59 10.9 10.9 16.3





#21

1,1-Dichloroethane

Concen: 17.427 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

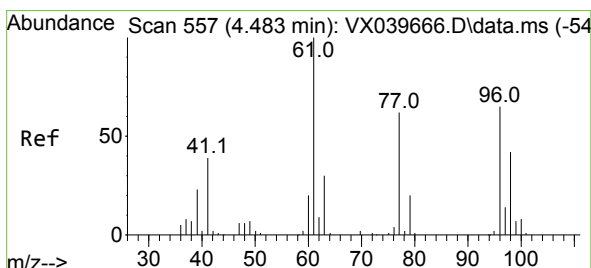
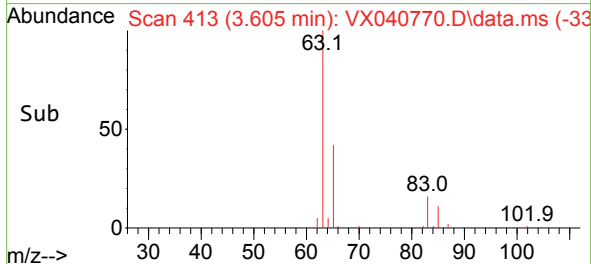
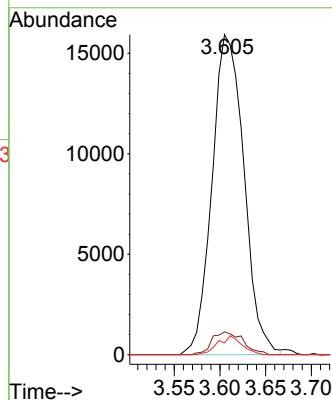
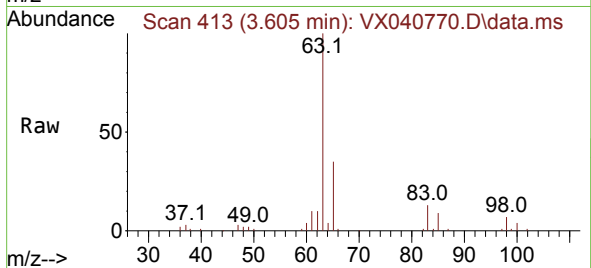
Tgt Ion: 63 Resp: 38653

Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.8

100 3.7 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 17.521 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

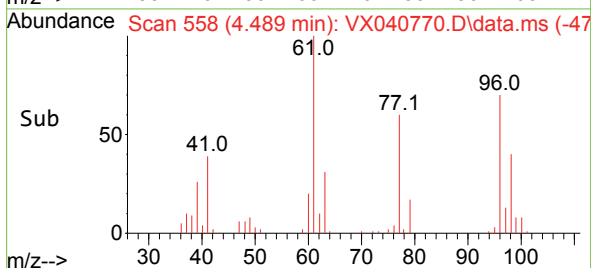
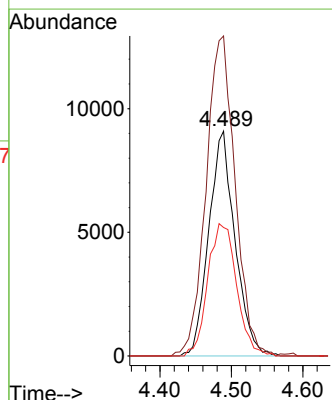
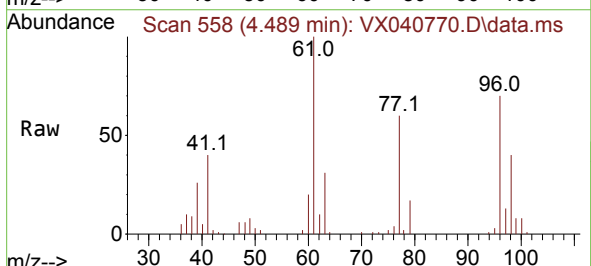
Tgt Ion: 96 Resp: 23199

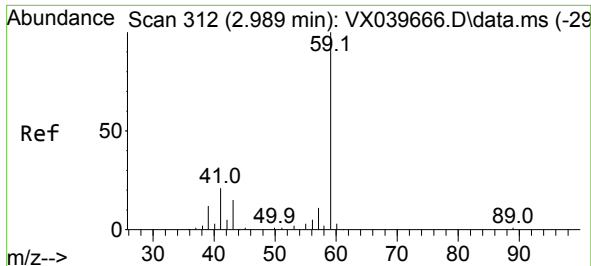
Ion Ratio Lower Upper

96 100

61 157.3 119.8 179.6

98 64.7 50.9 76.3

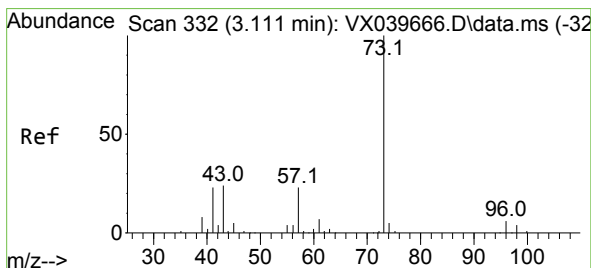
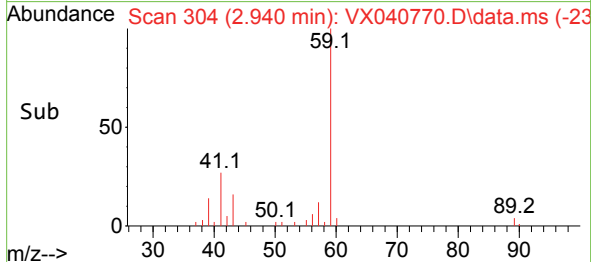
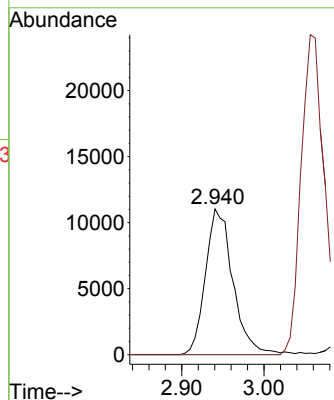
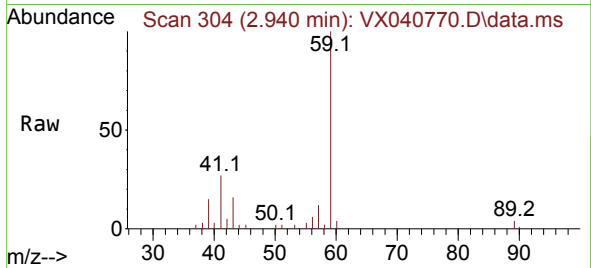




#23
tert-Butyl Alcohol
Concen: 79.854 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

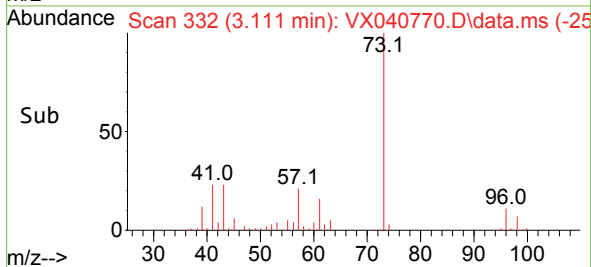
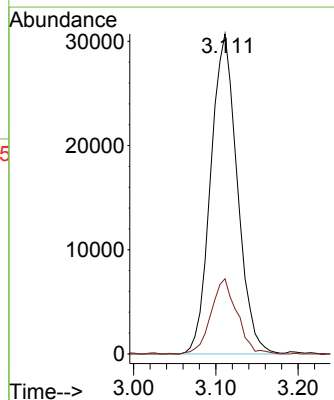
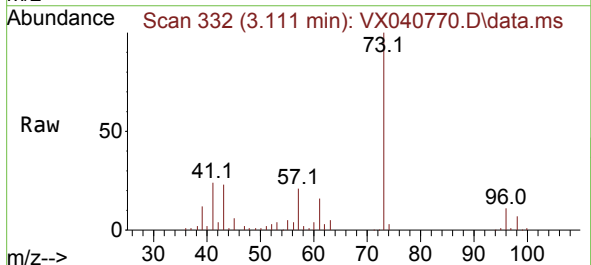
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

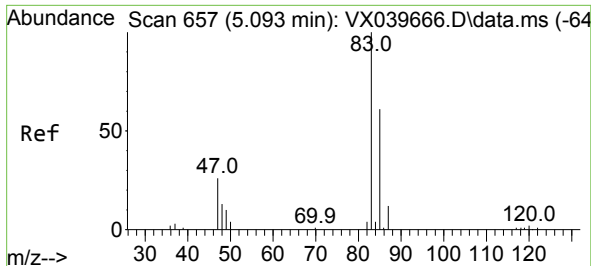
Tgt Ion: 59 Resp: 25558
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.909 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 73 Resp: 69025
Ion Ratio Lower Upper
73 100
43 22.6 17.0 25.6

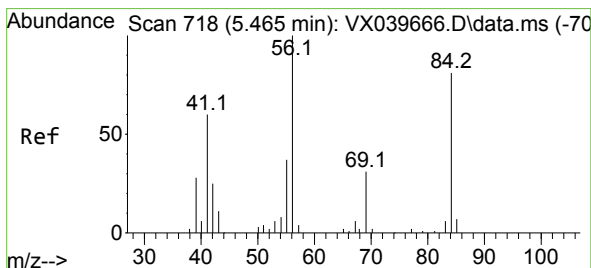
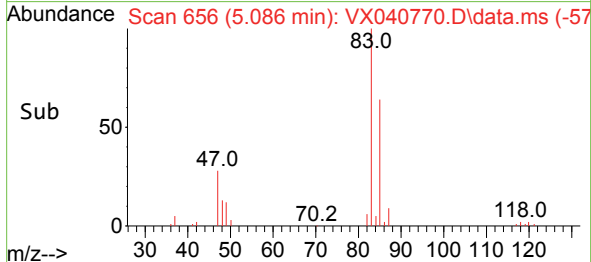
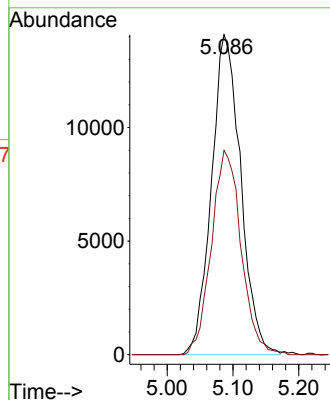
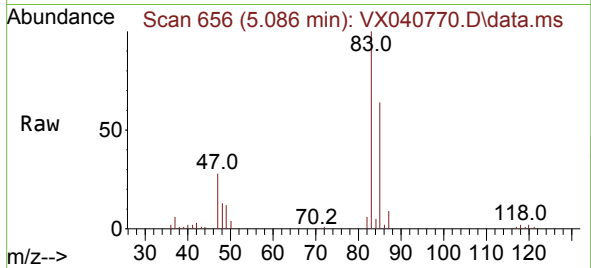




#25
Chloroform
Concen: 17.927 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

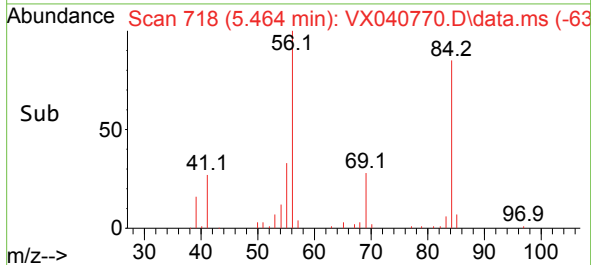
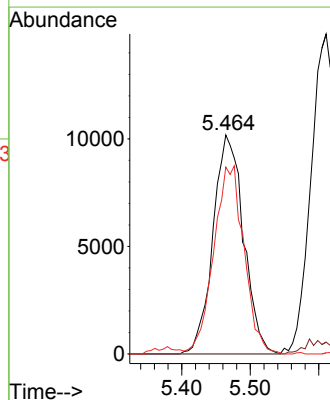
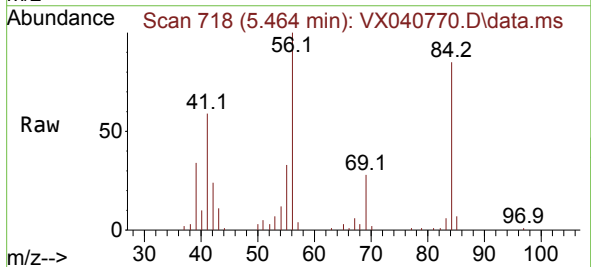
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

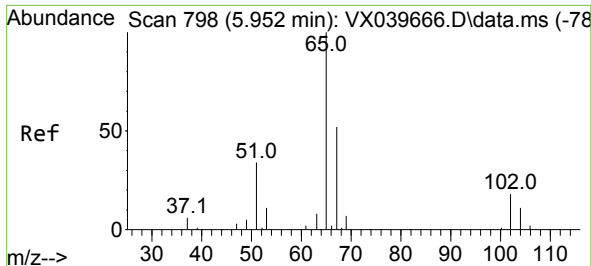
Tgt Ion: 83 Resp: 43518
Ion Ratio Lower Upper
83 100
85 63.8 54.6 81.8



#26
Cyclohexane
Concen: 17.543 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 56 Resp: 31402
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 67.2 100.8

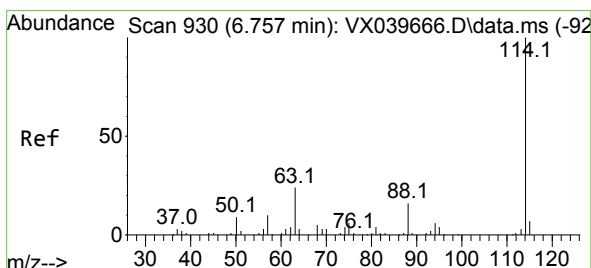
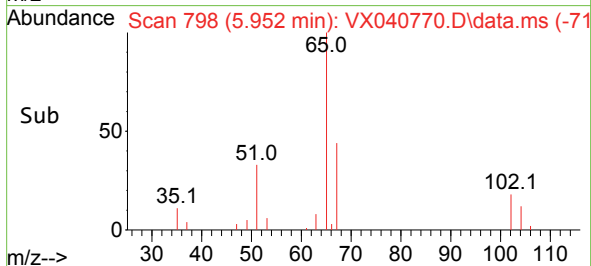
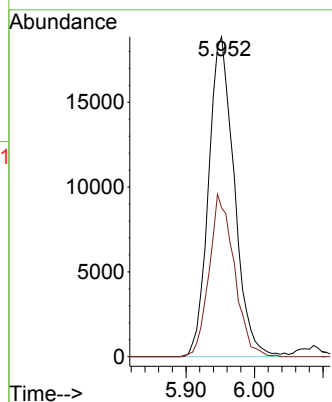
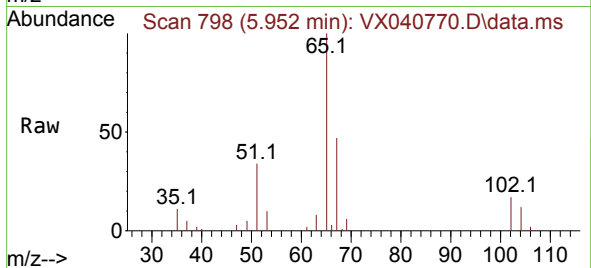




#27
1,2-Dichloroethane-d4
Concen: 28.028 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

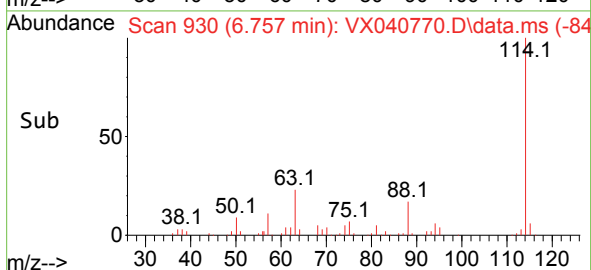
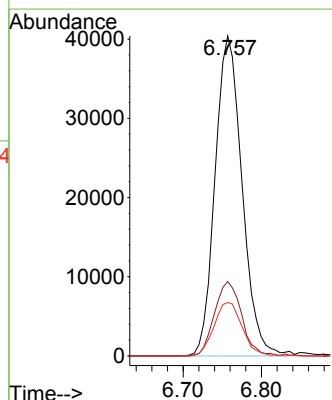
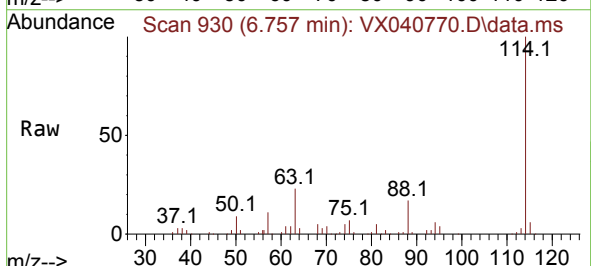
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

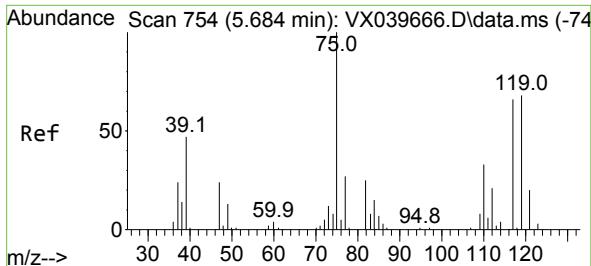
Tgt Ion: 65 Resp: 49023
Ion Ratio Lower Upper
65 100
67 49.7 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 114 Resp: 96546
Ion Ratio Lower Upper
114 100
63 23.1 17.0 25.4
88 17.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 17.802 ug/l

RT: 5.696 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

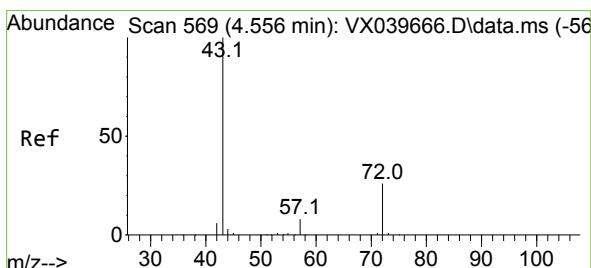
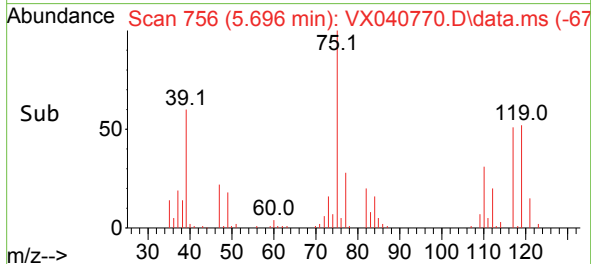
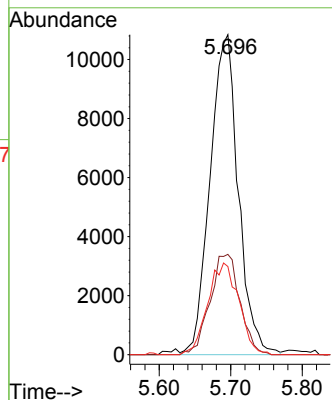
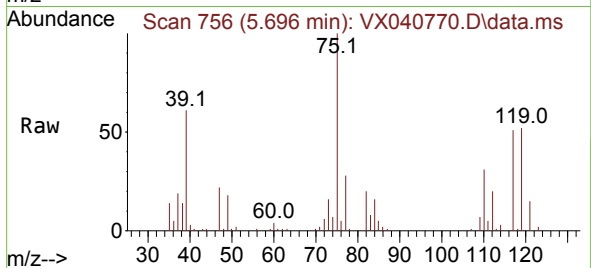
Tgt Ion: 75 Resp: 29749

Ion Ratio Lower Upper

75 100

110 17.2 0.0 71.2

77 31.5 0.0 62.6



#30

2-Butanone

Concen: 85.391 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.012 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

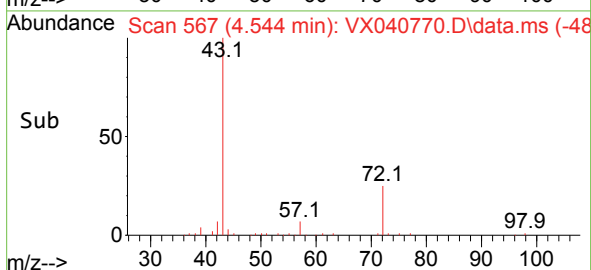
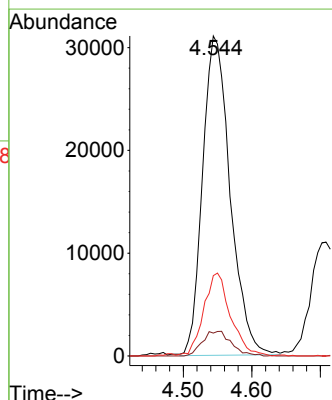
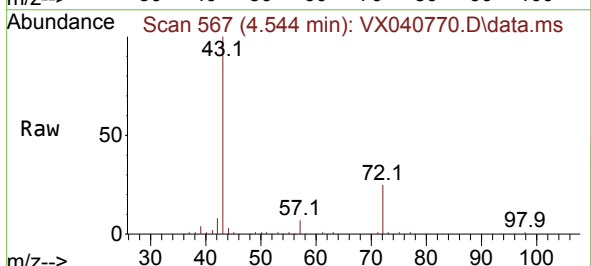
Tgt Ion: 43 Resp: 87079

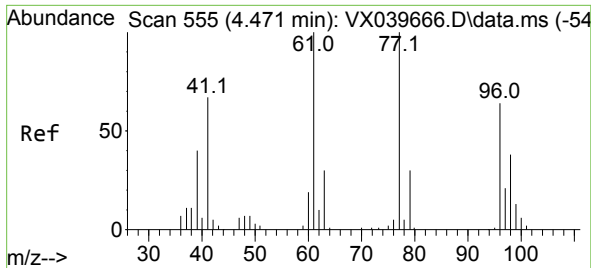
Ion Ratio Lower Upper

43 100

57 3.6 6.6 10.0#

72 24.9 20.6 31.0

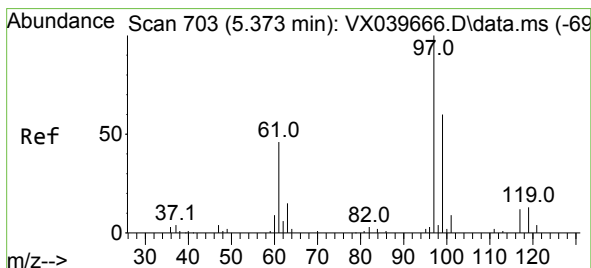
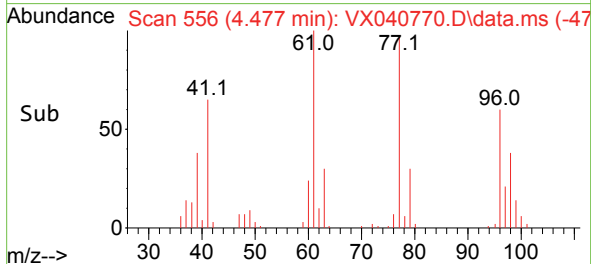
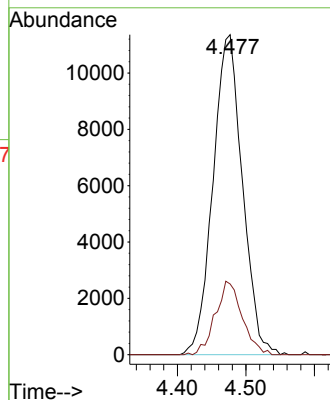
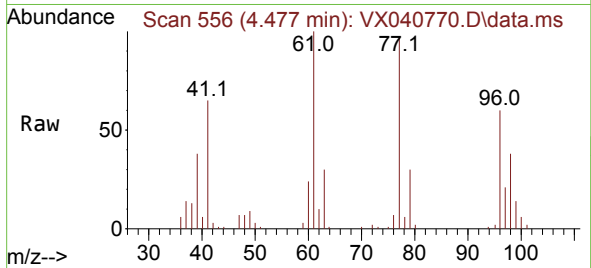




#31
2,2-Dichloropropane
Concen: 18.744 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

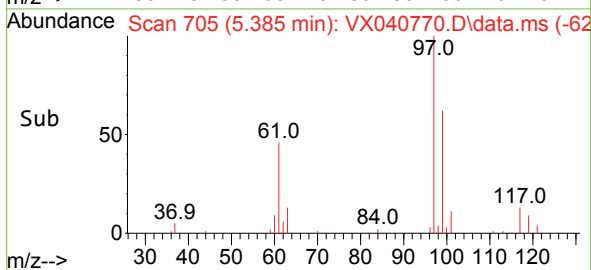
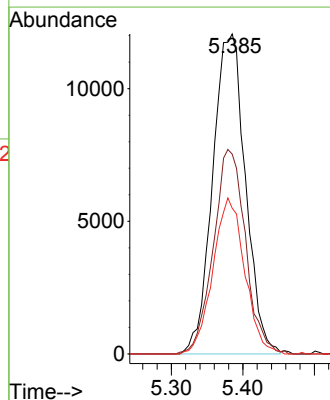
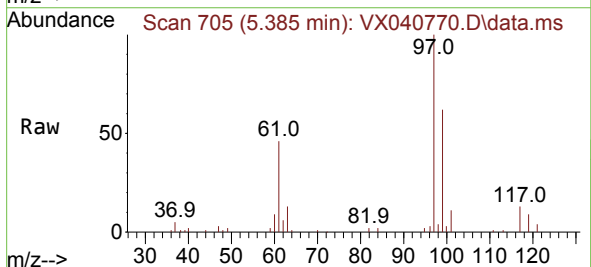
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

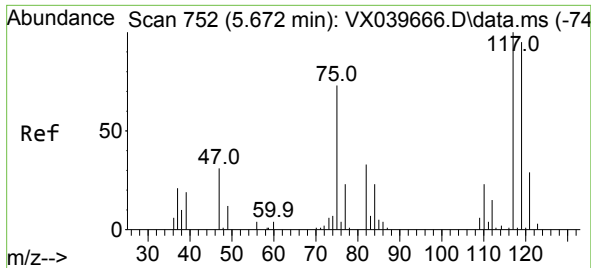
Tgt Ion: 77 Resp: 33809
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 18.244 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 97 Resp: 38417
Ion Ratio Lower Upper
97 100
99 62.5 52.6 79.0
61 47.4 36.9 55.3

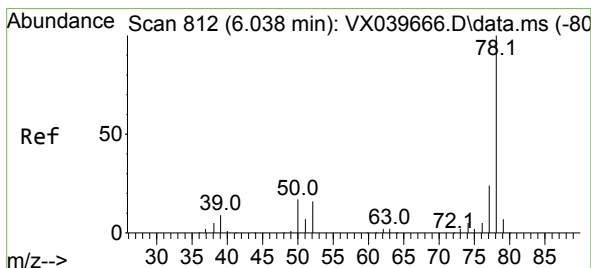
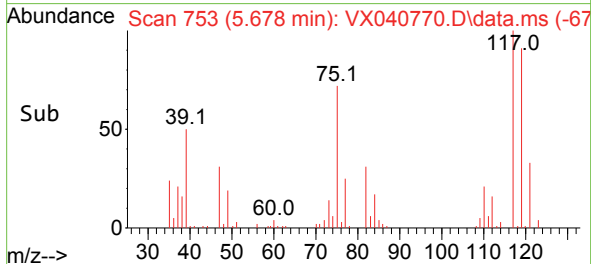
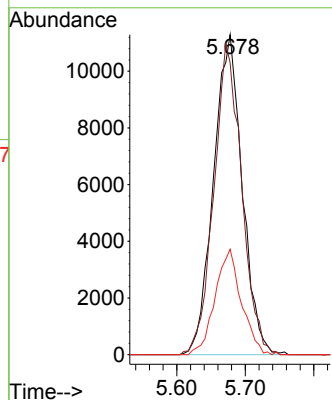
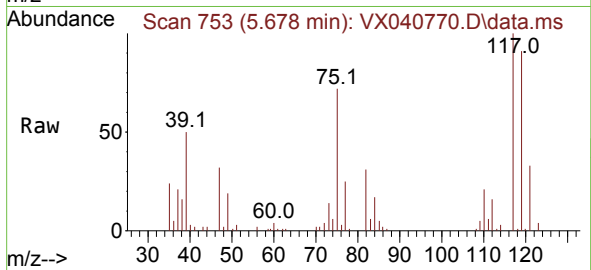




#33
Carbon Tetrachloride
Concen: 18.517 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

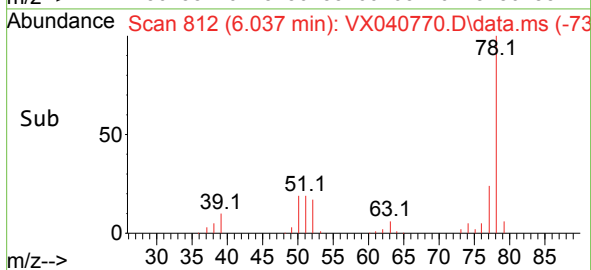
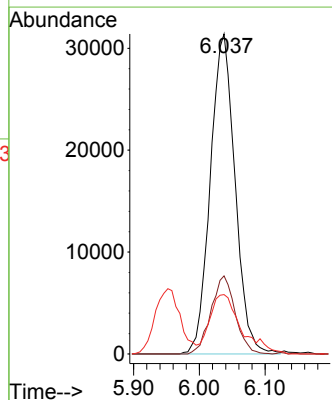
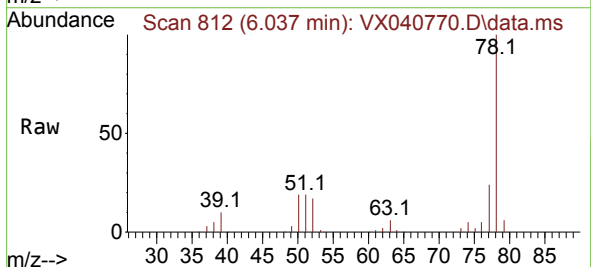
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

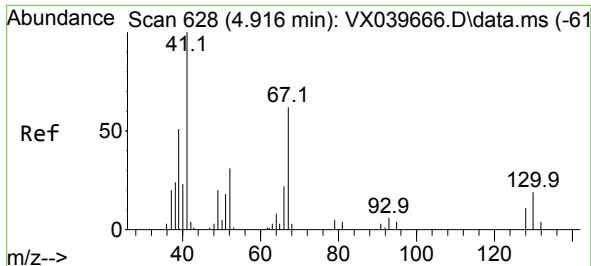
Tgt Ion:117 Resp: 32807
Ion Ratio Lower Upper
117 100
119 91.3 78.2 117.4
121 32.9 24.7 37.1



#34
Benzene
Concen: 18.213 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

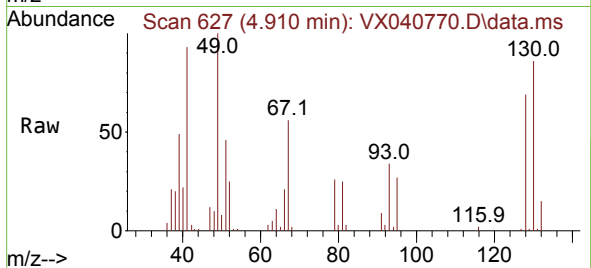
Tgt Ion: 78 Resp: 82167
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9
51 17.7 14.4 21.6



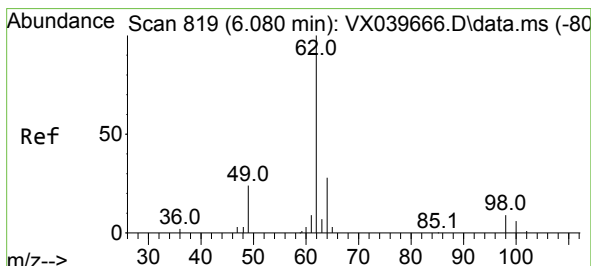
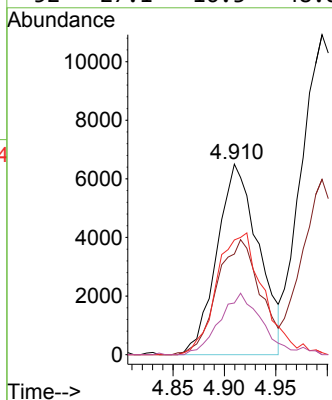
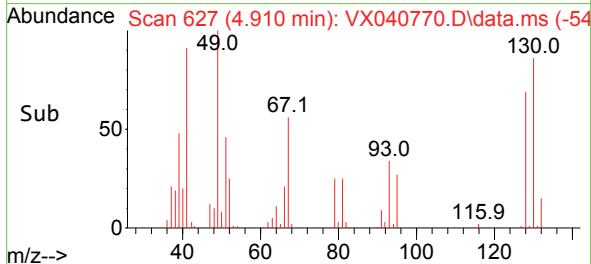


#35
Methacrylonitrile
Concen: 17.534 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

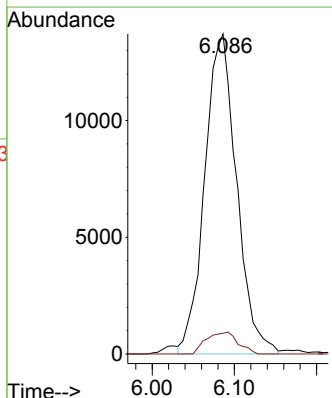
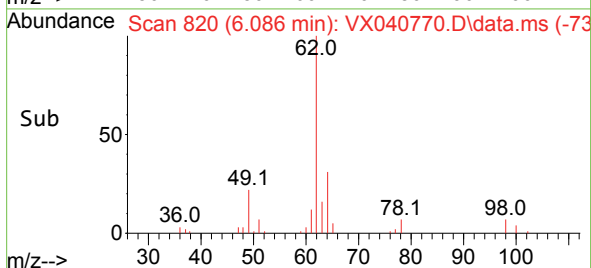
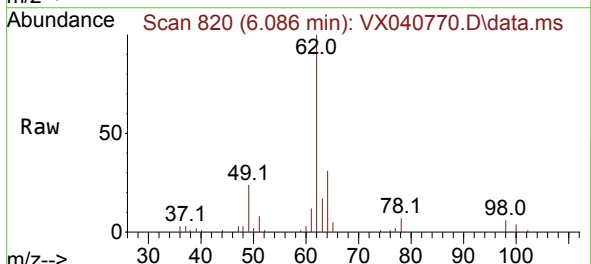


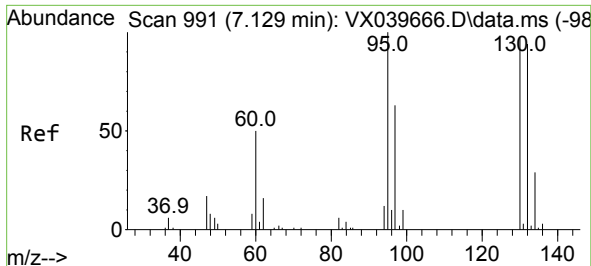
Tgt Ion:	41	Resp:	18356
Ion	Ratio	Lower	Upper
41	100		
39	51.7	28.2	84.7
67	60.2	34.5	103.5
52	27.1	16.3	48.8



#36
1,2-Dichloroethane
Concen: 17.711 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion:	62	Resp:	36942
Ion	Ratio	Lower	Upper
62	100		
98	6.8	7.0	10.4#





#37

Trichloroethene

Concen: 17.935 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

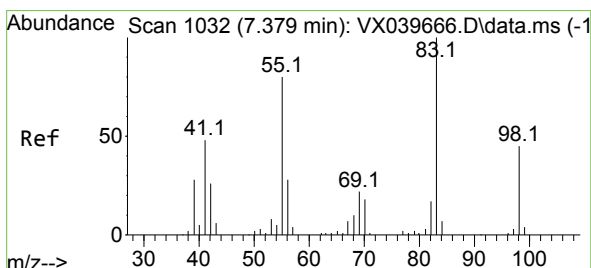
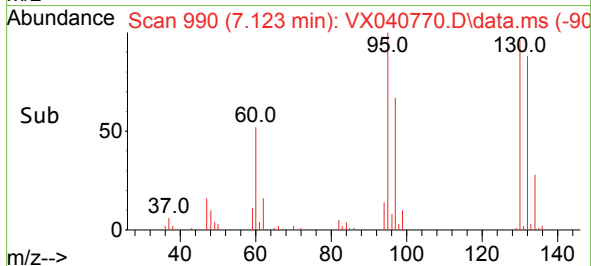
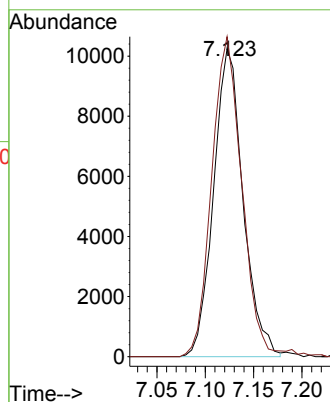
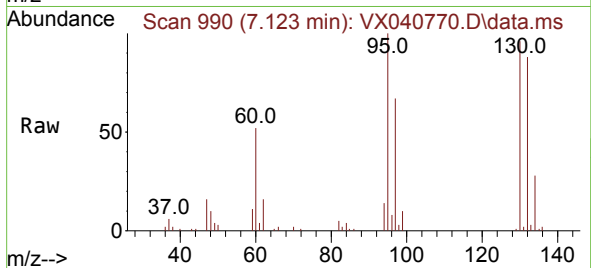
VSTDCCC020

Tgt Ion:130 Resp: 21743

Ion Ratio Lower Upper

130 100

95 103.9 85.8 128.8



#38

Methylcyclohexane

Concen: 17.807 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

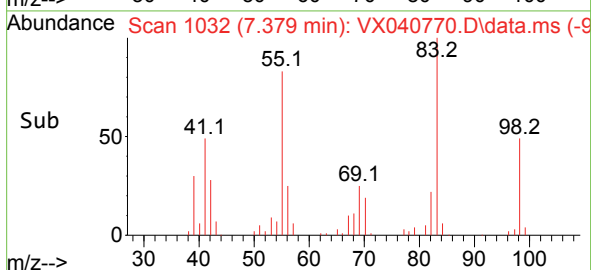
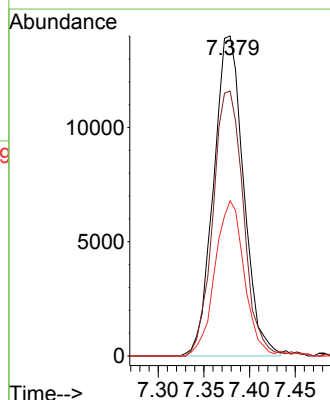
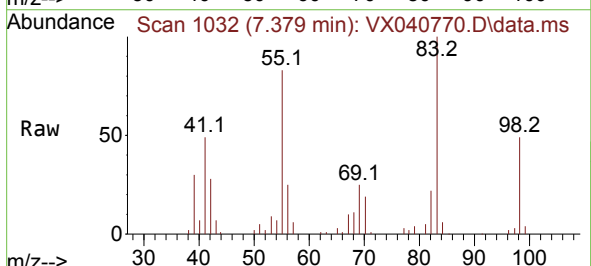
Tgt Ion: 83 Resp: 32044

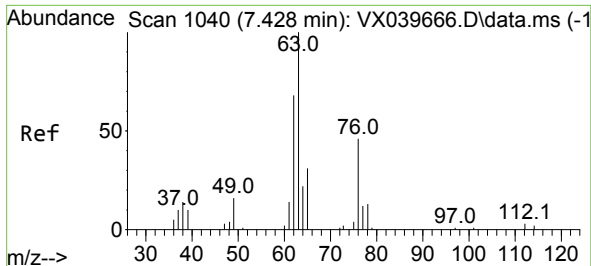
Ion Ratio Lower Upper

83 100

55 83.8 38.6 116.0

98 47.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 18.783 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

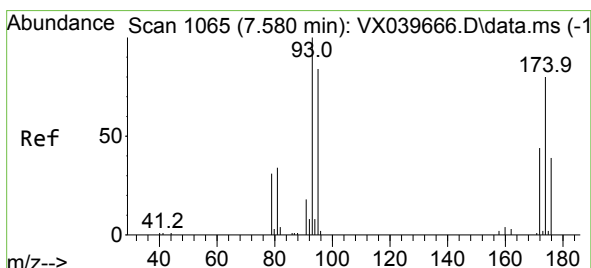
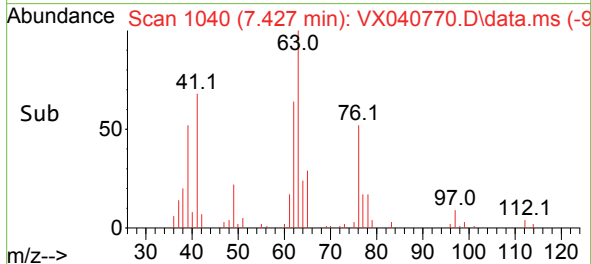
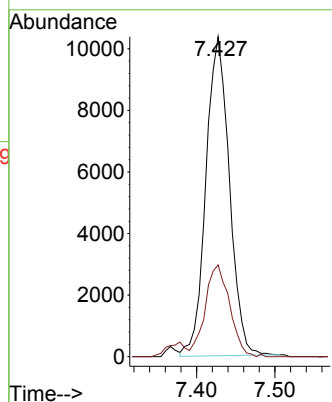
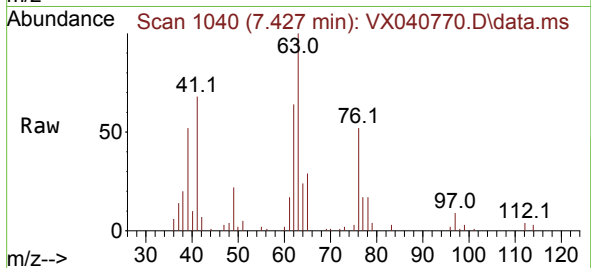
VSTDCCC020

Tgt Ion: 63 Resp: 21575

Ion Ratio Lower Upper

63 100

65 28.9 24.6 37.0



#40

Dibromomethane

Concen: 19.186 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

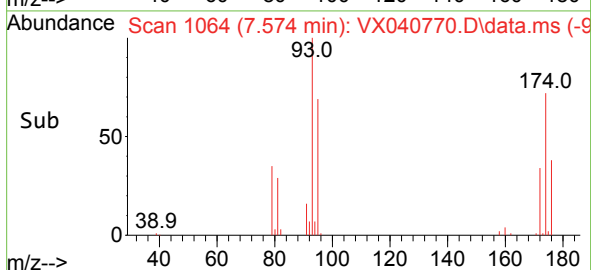
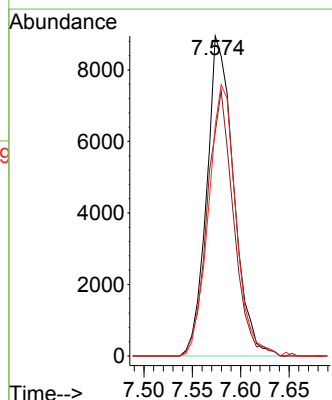
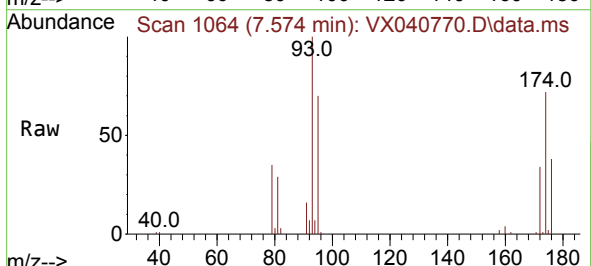
Tgt Ion: 93 Resp: 17313

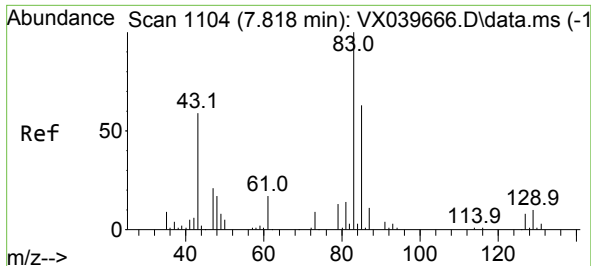
Ion Ratio Lower Upper

93 100

95 81.0 0.0 163.4

174 86.4 0.0 166.4

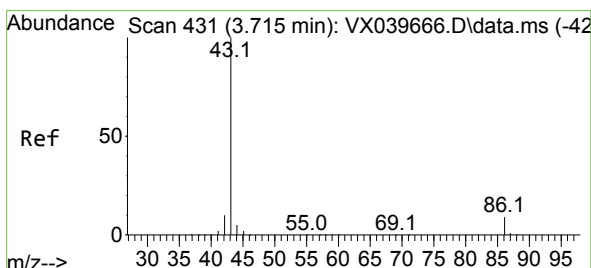
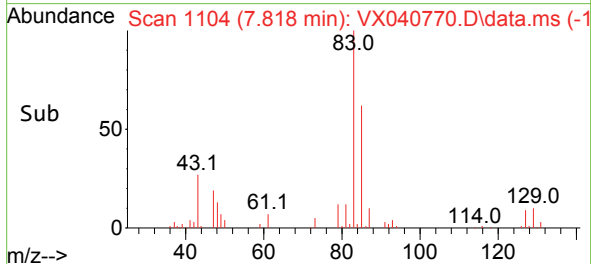
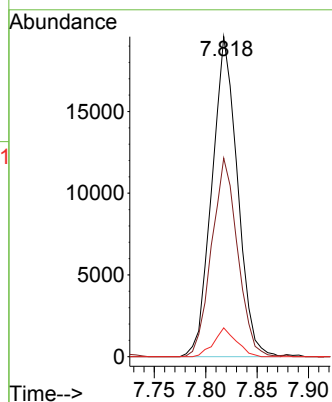
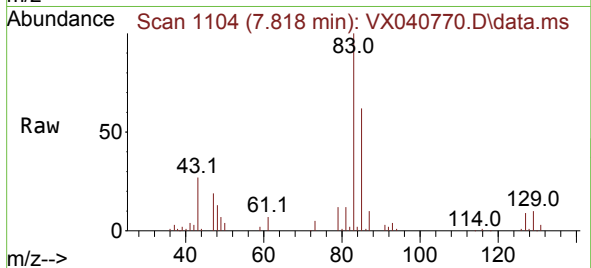




#41
Bromodichloromethane
Concen: 18.838 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

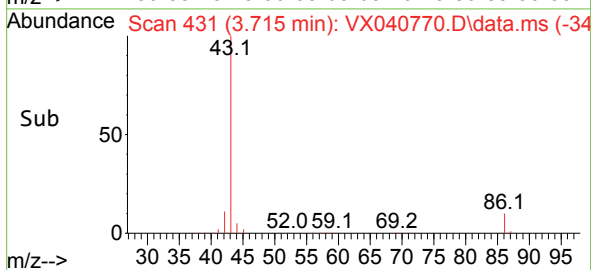
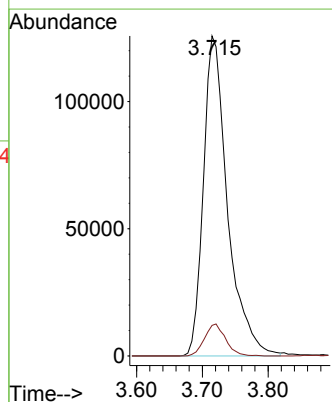
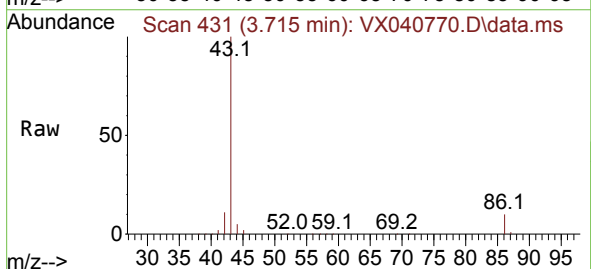
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

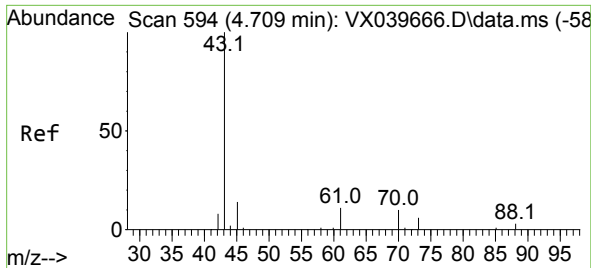
Tgt Ion: 83 Resp: 33818
Ion Ratio Lower Upper
83 100
85 62.0 50.8 76.2
127 9.0 5.9 8.9#



#42
Vinyl Acetate
Concen: 91.459 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 43 Resp: 321117
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1

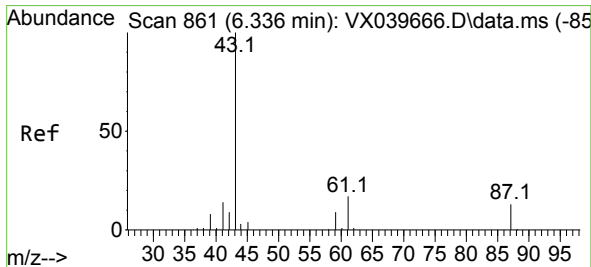
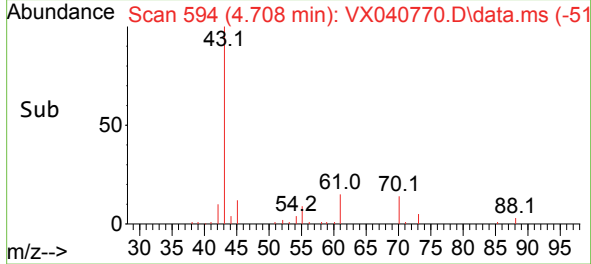
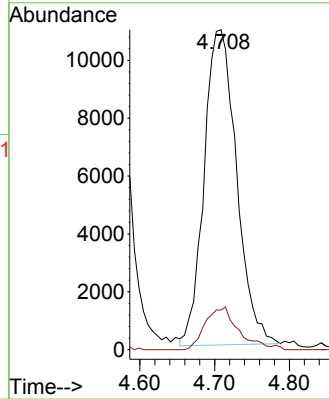
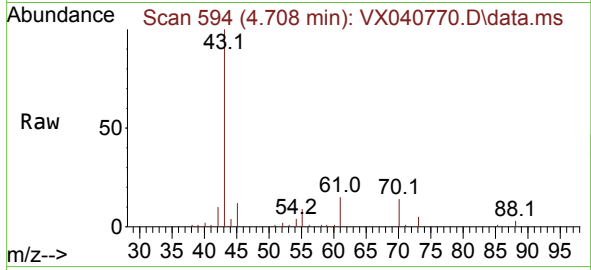




#43
Ethyl Acetate
Concen: 17.106 ug/l
RT: 4.708 min Scan# 51
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

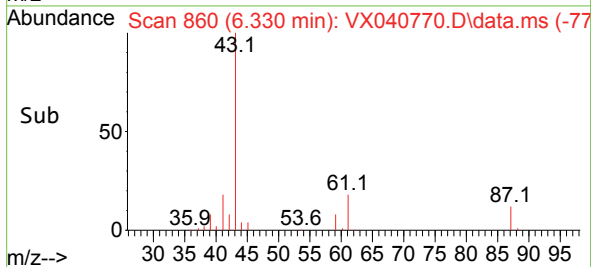
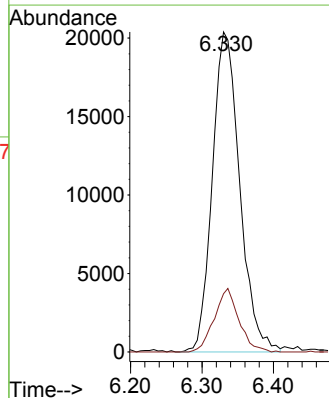
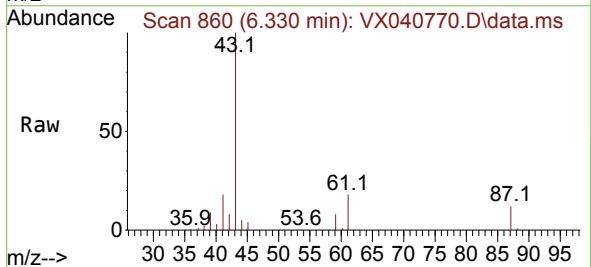
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

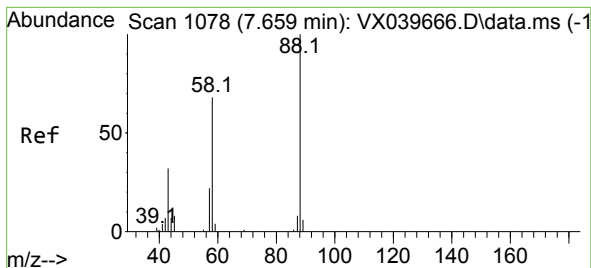
Tgt Ion: 43 Resp: 32853
Ion Ratio Lower Upper
43 100
45 13.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 17.696 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 43 Resp: 54249
Ion Ratio Lower Upper
43 100
61 17.8 15.6 23.4





#45

1,4-Dioxane

Concen: 318.093 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.012 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

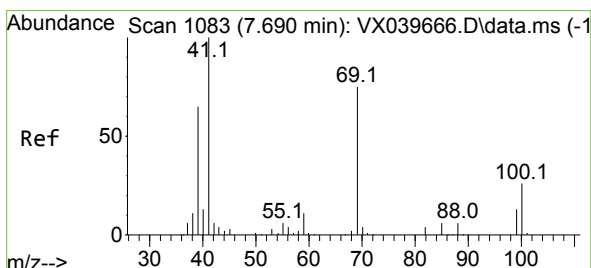
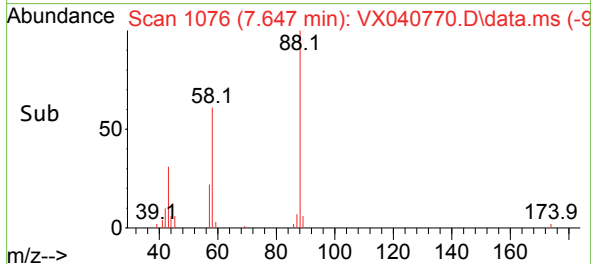
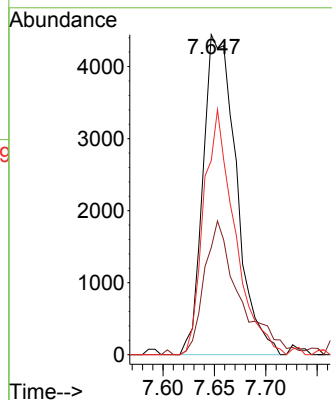
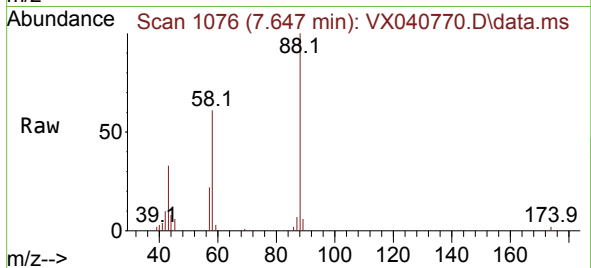
Tgt Ion: 88 Resp: 10024

Ion Ratio Lower Upper

88 100

43 37.0 28.1 42.1

58 71.4 57.7 86.5



#46

Methyl methacrylate

Concen: 18.170 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

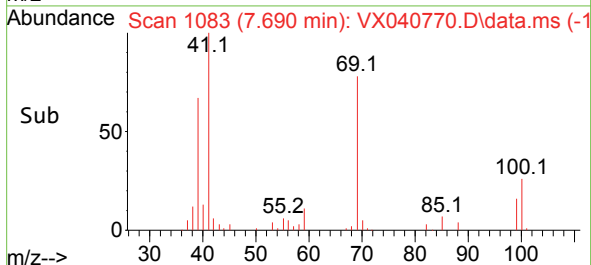
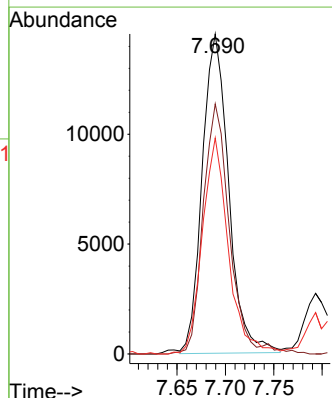
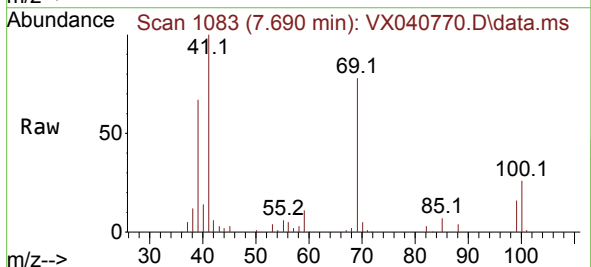
Tgt Ion: 41 Resp: 27667

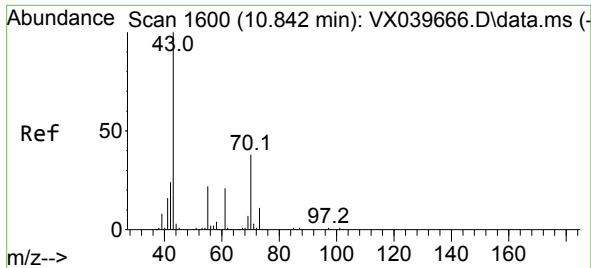
Ion Ratio Lower Upper

41 100

69 78.2 39.6 118.8

39 67.8 30.1 90.3

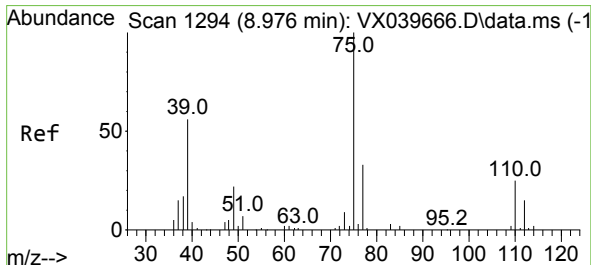
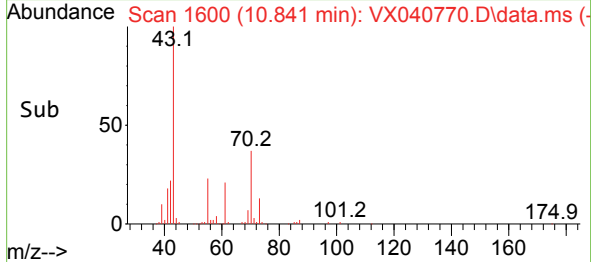
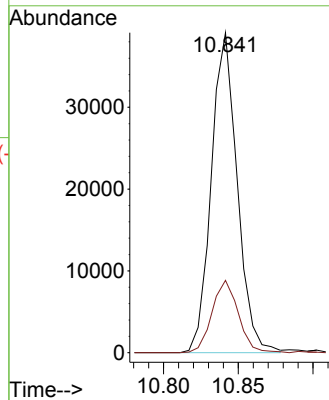
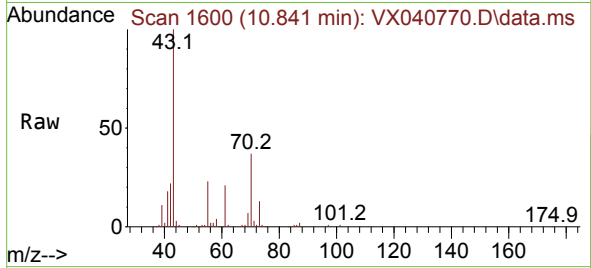




#47
n-amy1 Acetate
Concen: 17.850 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

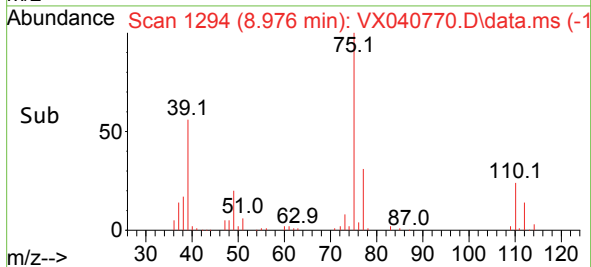
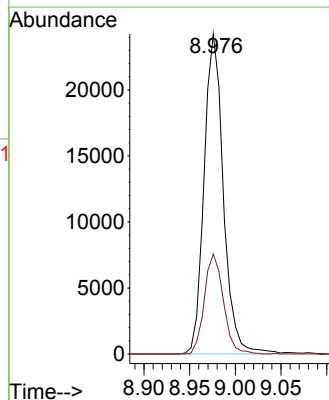
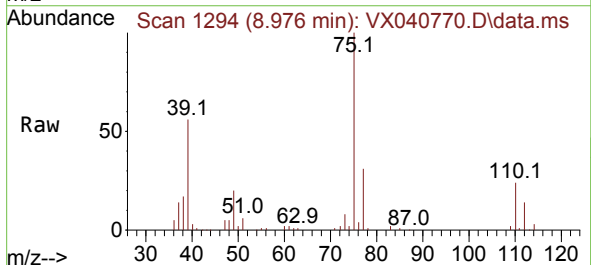
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

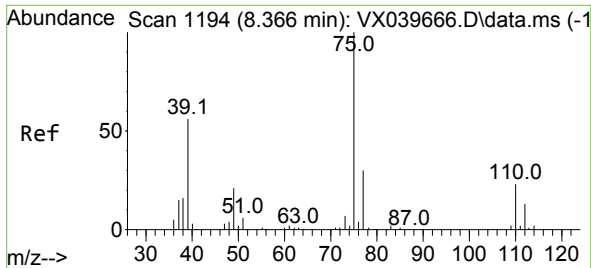
Tgt Ion: 43 Resp: 47163
Ion Ratio Lower Upper
43 100
55 22.9 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 18.760 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 75 Resp: 35596
Ion Ratio Lower Upper
75 100
77 31.3 26.8 40.2

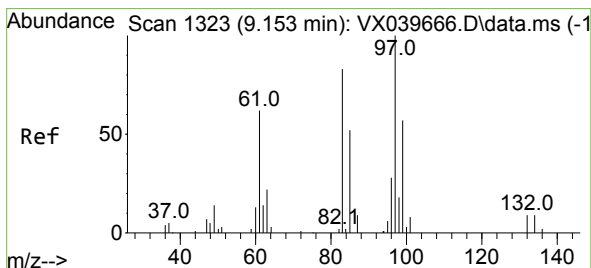
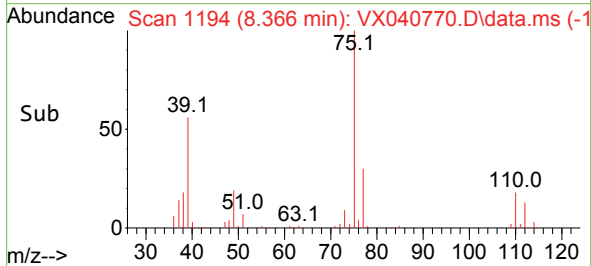
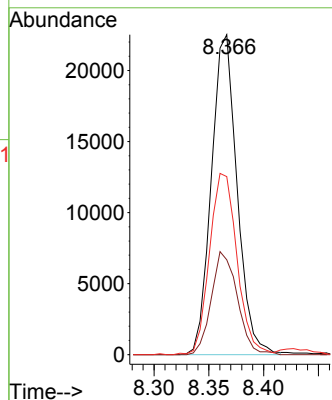
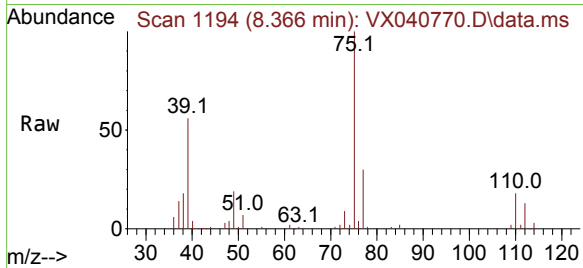




#49
 cis-1,3-Dichloropropene
 Concen: 19.050 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

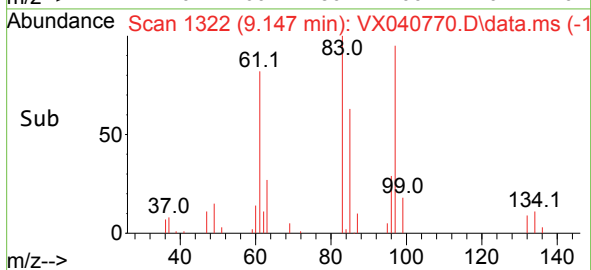
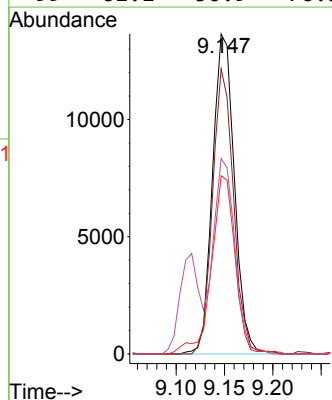
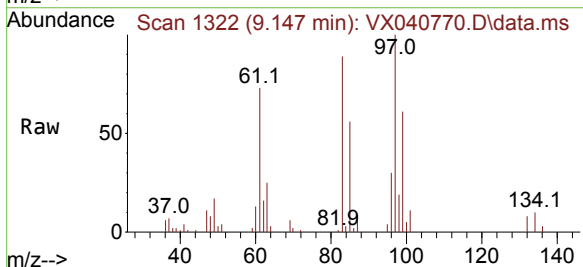
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

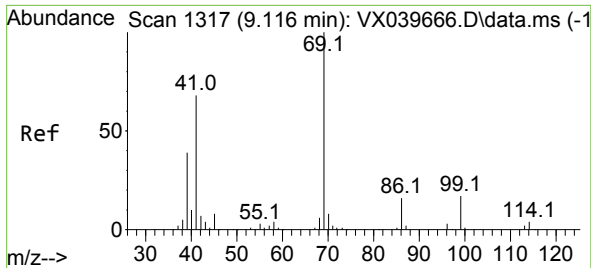
Tgt Ion: 75 Resp: 36822
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.4 36.6
 39 55.2 40.6 60.8



#50
 1,1,2-Trichloroethane
 Concen: 17.912 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

Tgt Ion: 97 Resp: 21470
 Ion Ratio Lower Upper
 97 100
 83 89.1 69.0 103.6
 85 55.2 46.3 69.5
 99 61.1 50.9 76.3

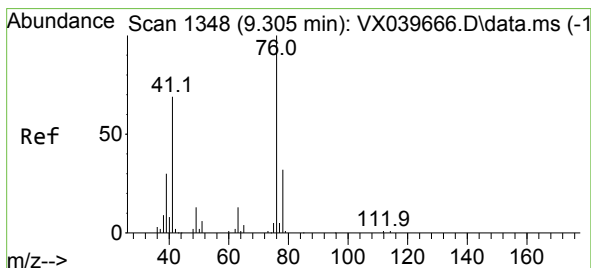
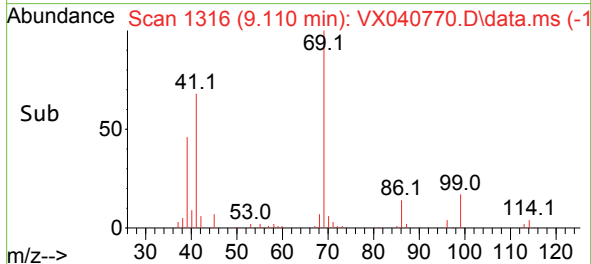
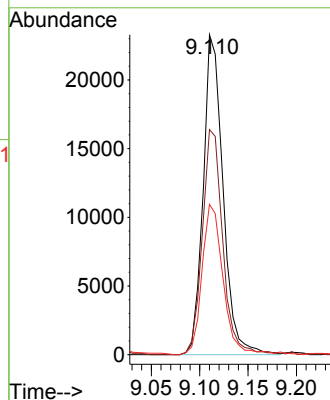
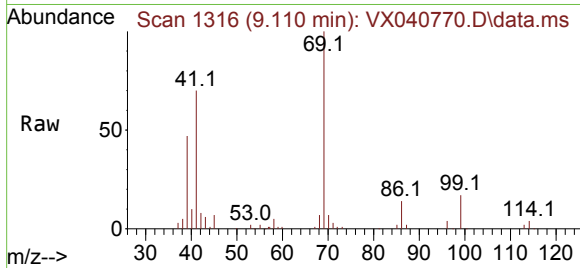




#51
Ethyl methacrylate
Concen: 17.688 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

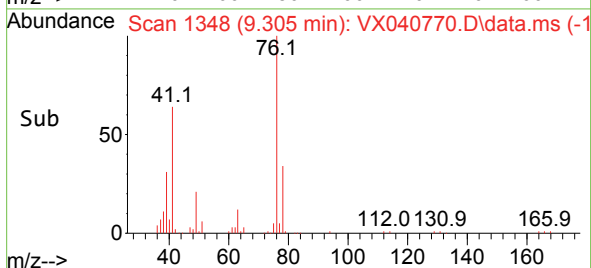
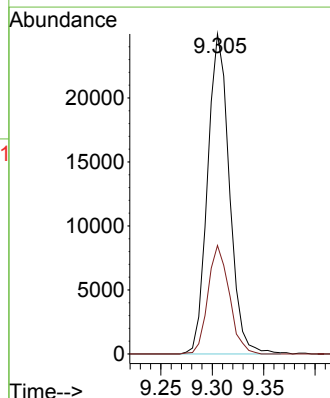
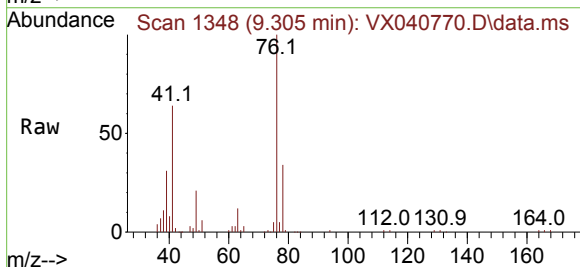
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

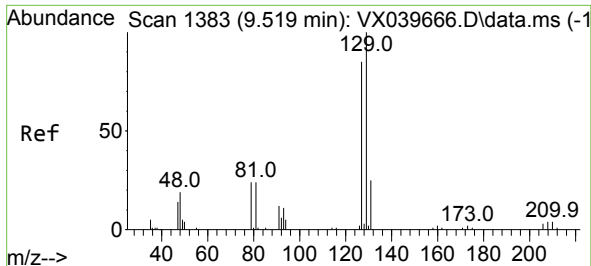
Tgt Ion: 69 Resp: 33378
Ion Ratio Lower Upper
69 100
41 70.4 36.2 108.6
39 46.9 21.1 63.4



#52
1,3-Dichloropropane
Concen: 18.024 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 76 Resp: 36864
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0

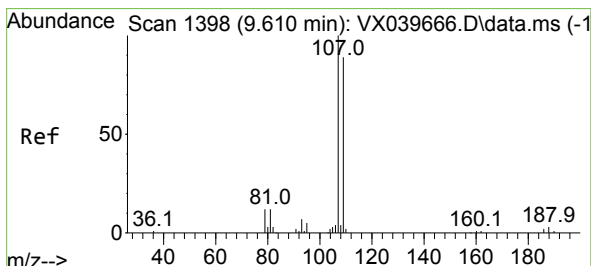
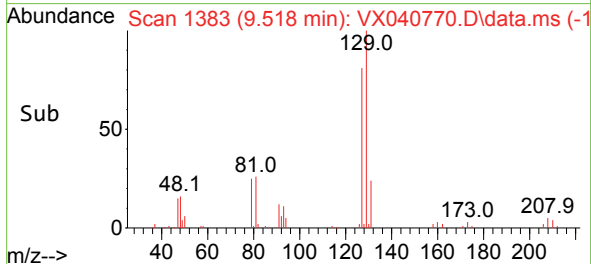
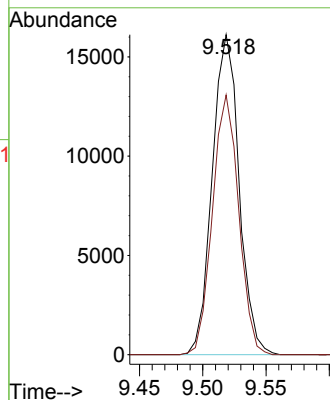
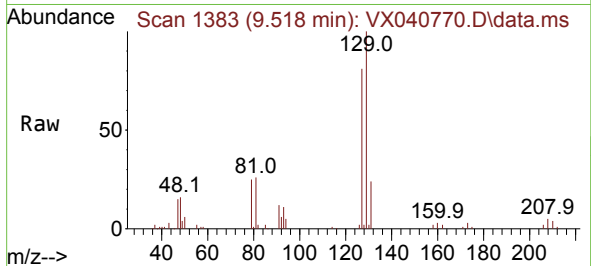




#53
Dibromochloromethane
Concen: 17.431 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

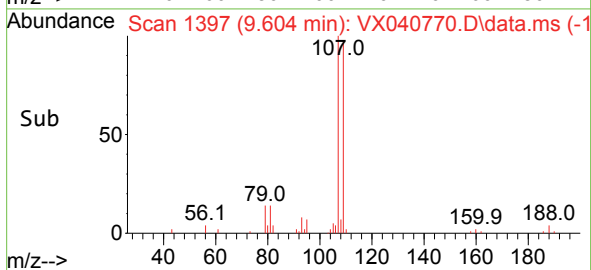
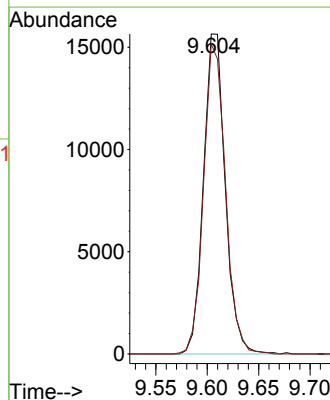
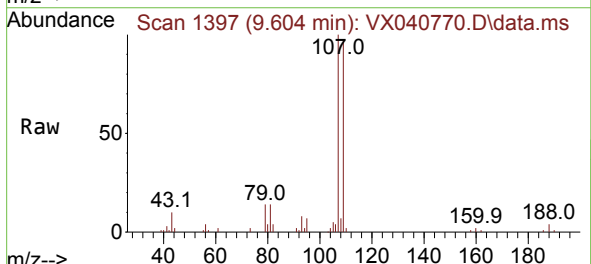
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

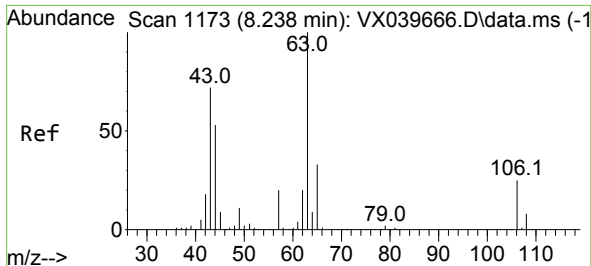
Tgt Ion:129 Resp: 23818
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9



#54
1,2-Dibromoethane
Concen: 17.409 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion:107 Resp: 23090
Ion Ratio Lower Upper
107 100
109 97.4 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 102.772 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

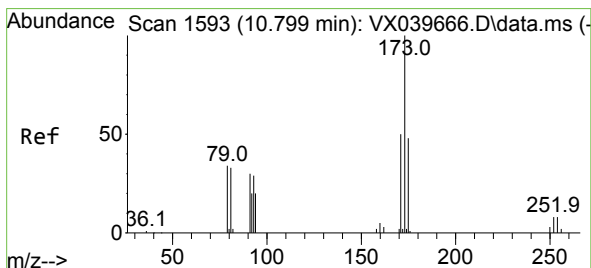
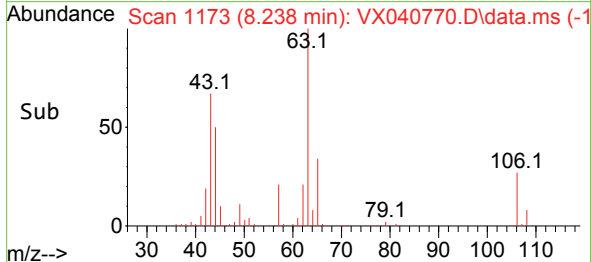
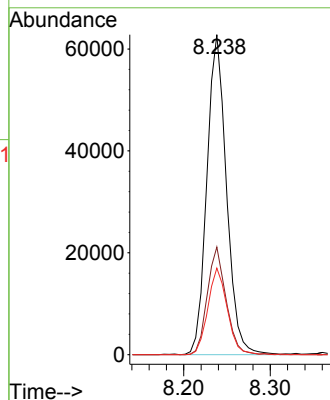
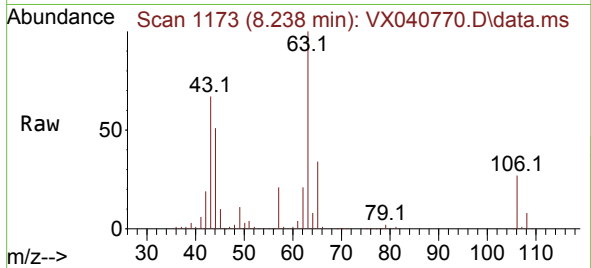
Tgt Ion: 63 Resp: 98762

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6

106 26.6 20.6 31.0



#56

Bromoform

Concen: 16.912 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

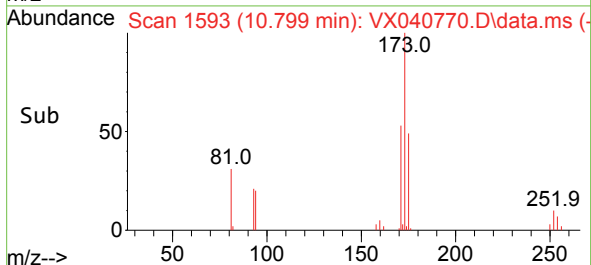
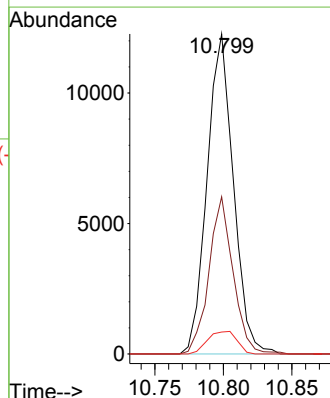
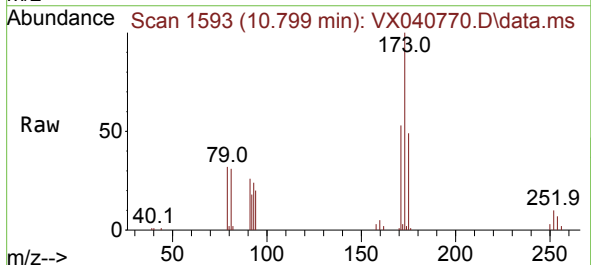
Tgt Ion:173 Resp: 16391

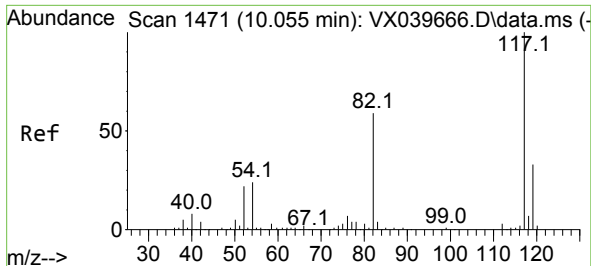
Ion Ratio Lower Upper

173 100

175 45.0 37.6 56.4

254 7.9 5.8 8.8

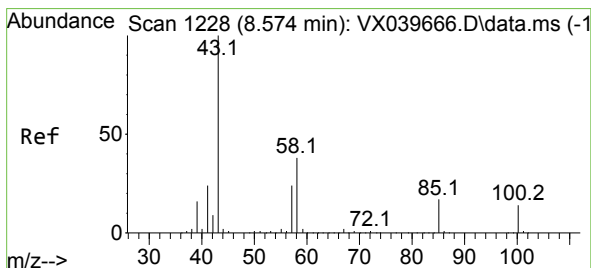
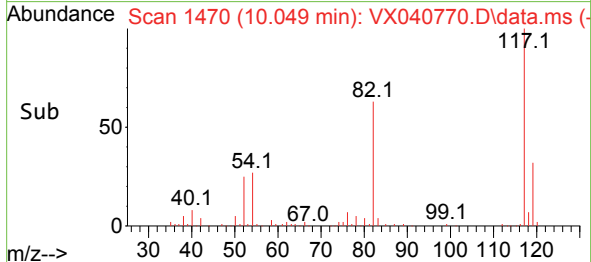
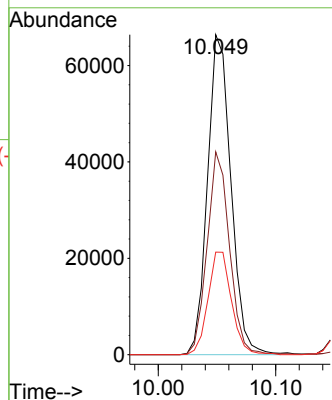
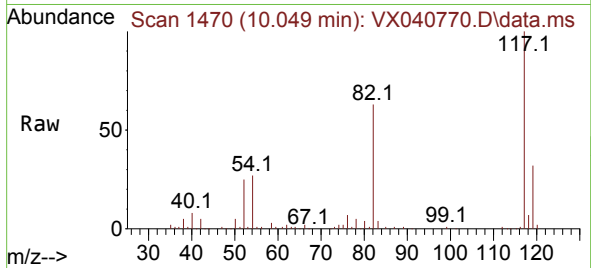




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

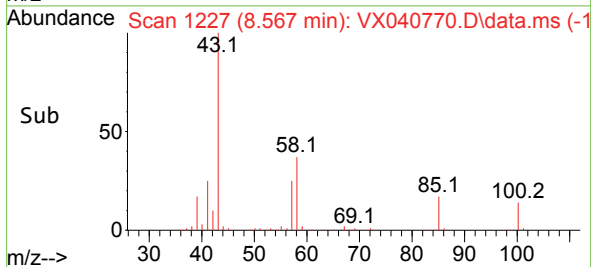
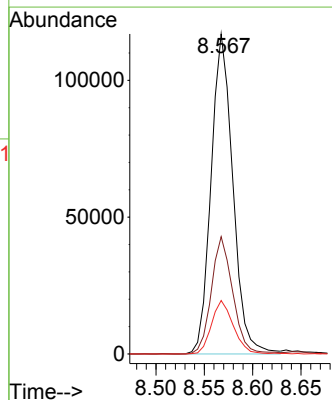
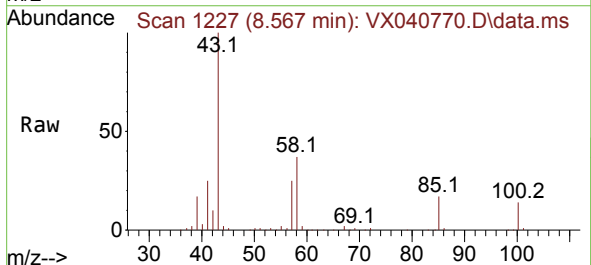
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

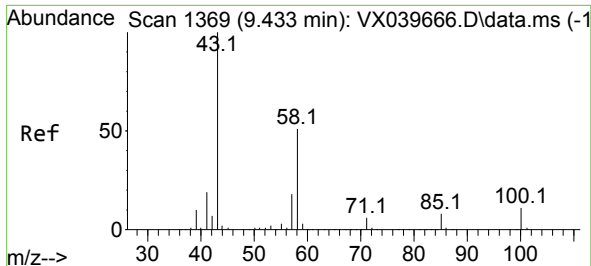
Tgt Ion:117 Resp: 92083
Ion Ratio Lower Upper
117 100
82 60.4 47.0 70.6
119 32.3 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 89.503 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 43 Resp: 183523
Ion Ratio Lower Upper
43 100
58 36.0 30.1 45.1
85 16.7 13.9 20.9

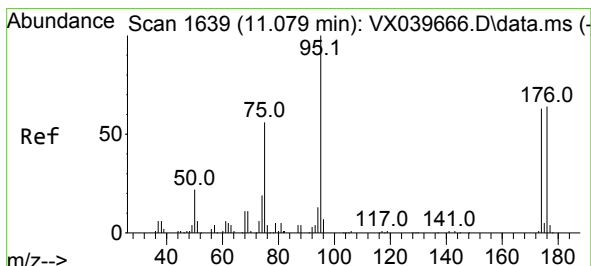
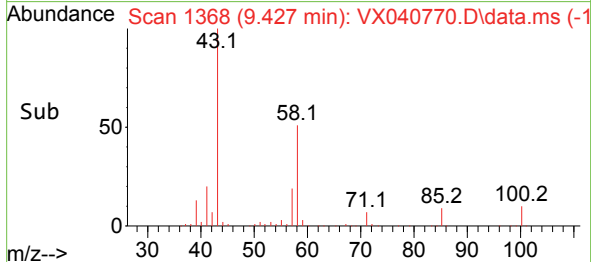
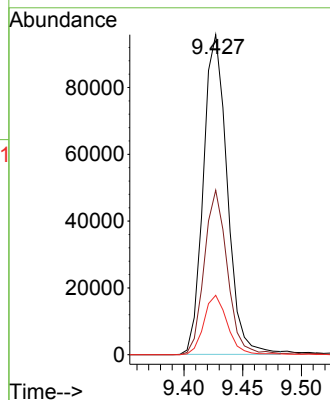
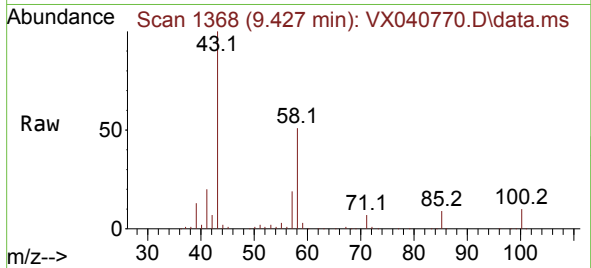




#59
2-Hexanone
Concen: 81.710 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

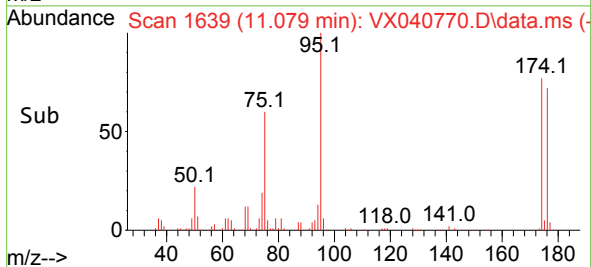
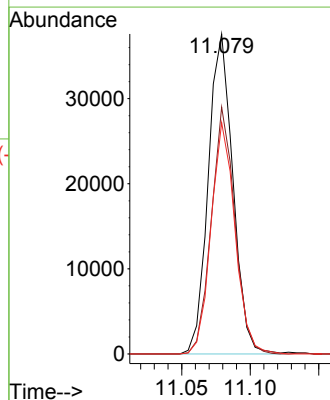
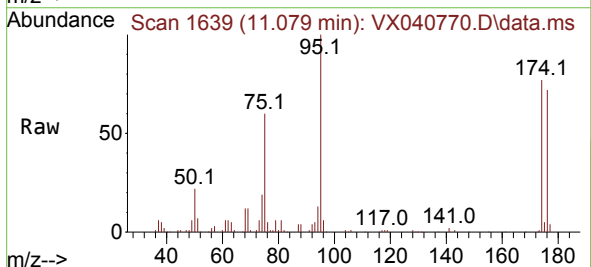
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

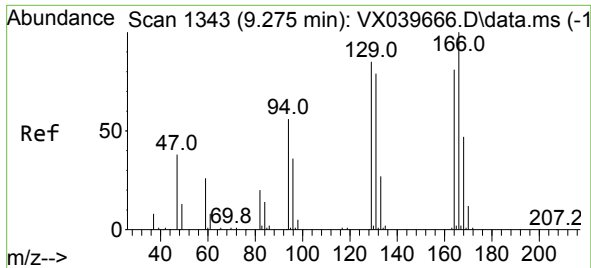
Tgt Ion: 43 Resp: 135330
Ion Ratio Lower Upper
43 100
58 50.0 42.7 64.1
57 18.2 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 95 Resp: 46969
Ion Ratio Lower Upper
95 100
174 73.7 55.4 83.2
176 70.5 52.6 78.8

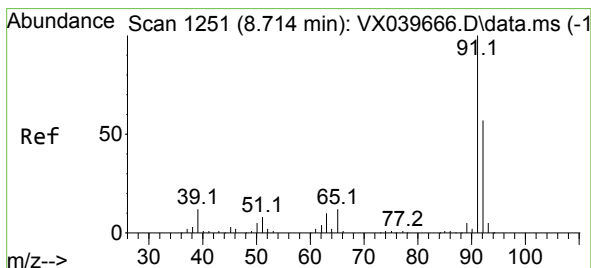
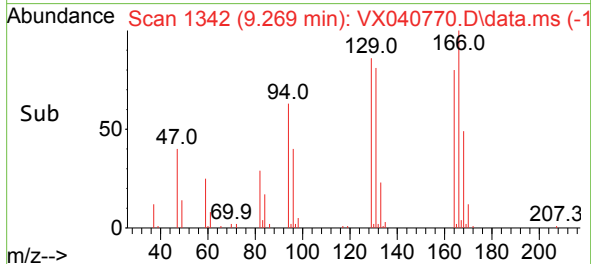
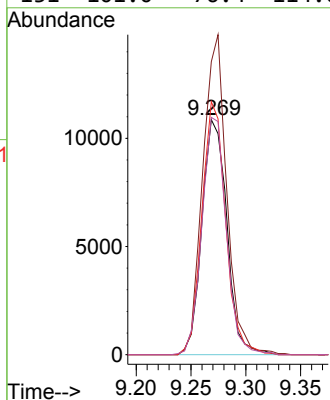
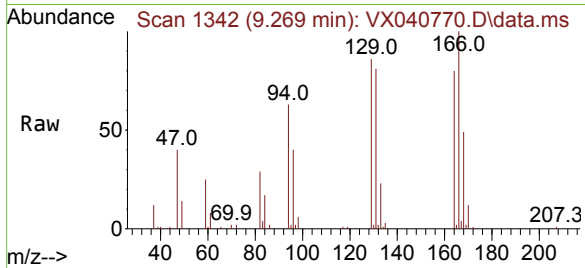




#61
Tetrachloroethene
Concen: 15.693 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

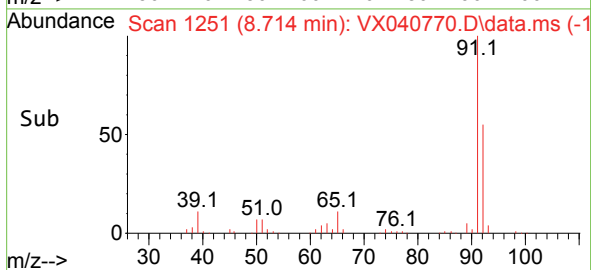
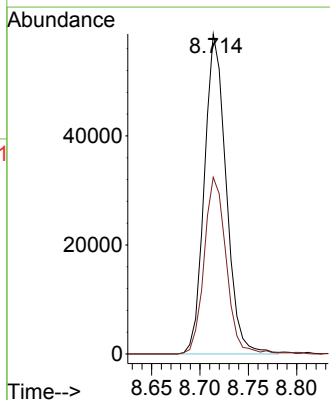
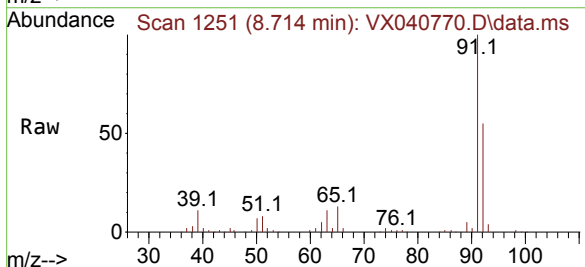
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

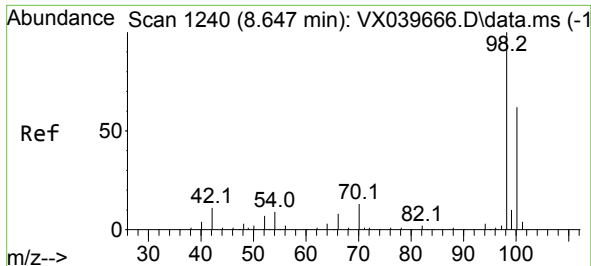
Tgt Ion:164 Resp: 17152
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 107.6 82.0 123.0
131 101.0 76.4 114.6



#62
Toluene
Concen: 18.151 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 91 Resp: 92055
Ion Ratio Lower Upper
91 100
92 55.9 45.9 68.9

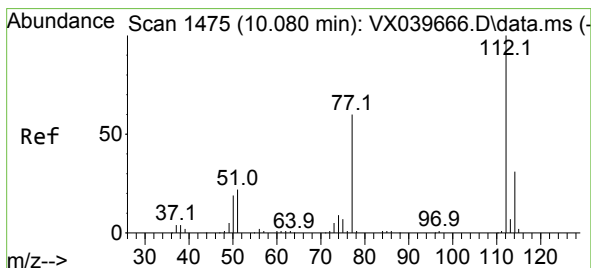
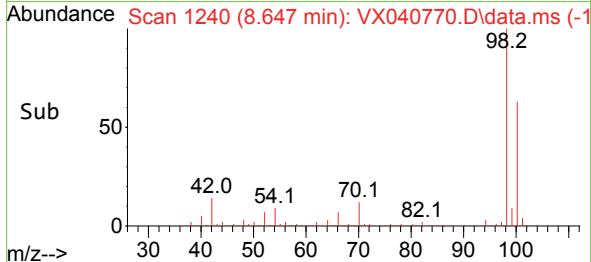
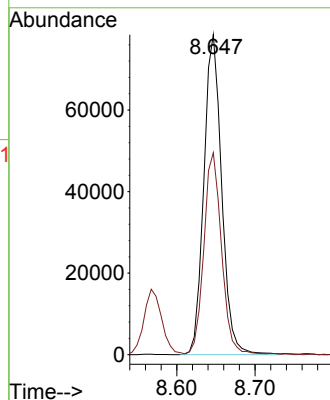
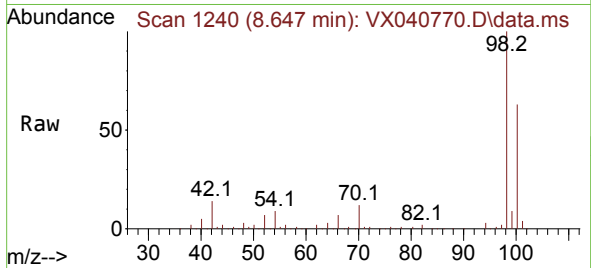




#63
Toluene-d8
Concen: 30.499 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

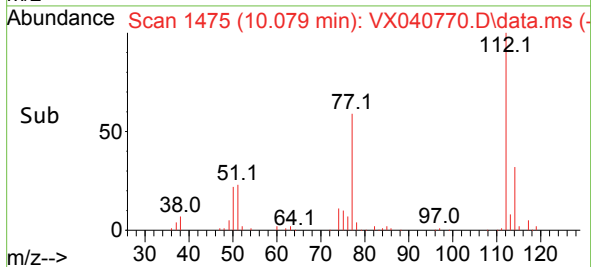
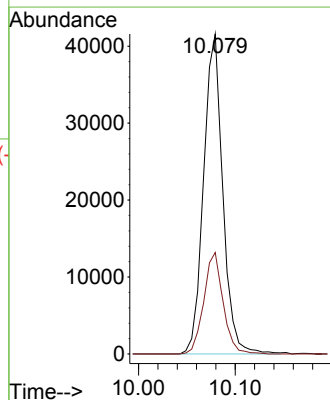
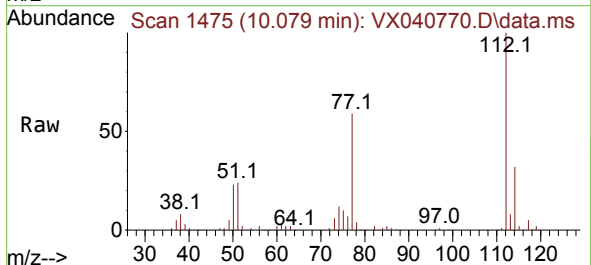
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

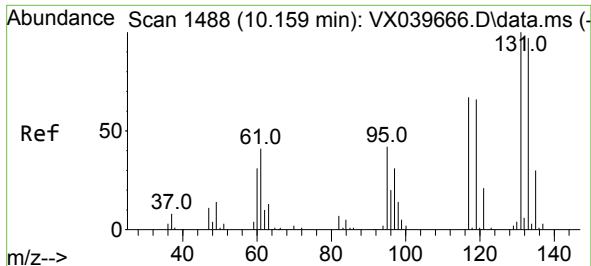
Tgt Ion: 98 Resp: 124111
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.4



#64
Chlorobenzene
Concen: 18.519 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 112 Resp: 57405
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

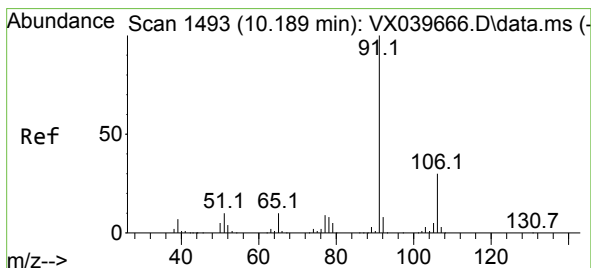
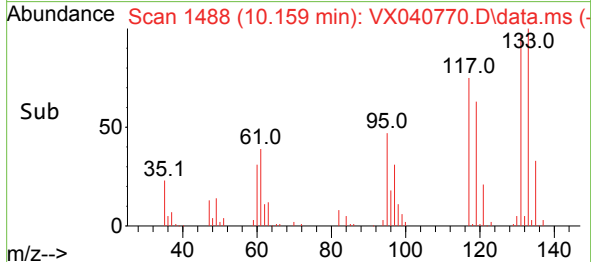
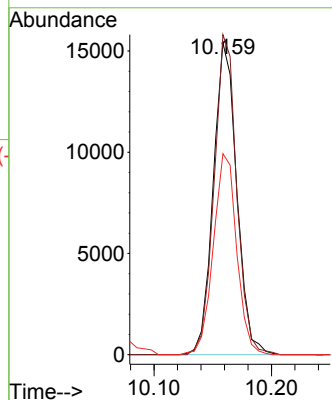
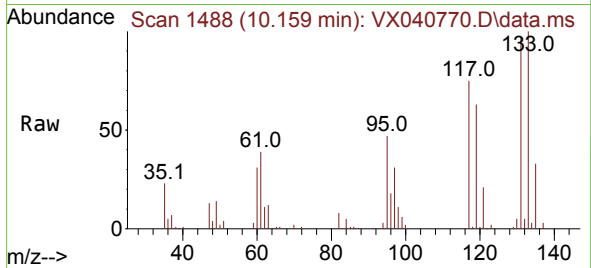




#65
1,1,1,2-Tetrachloroethane
Concen: 18.077 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

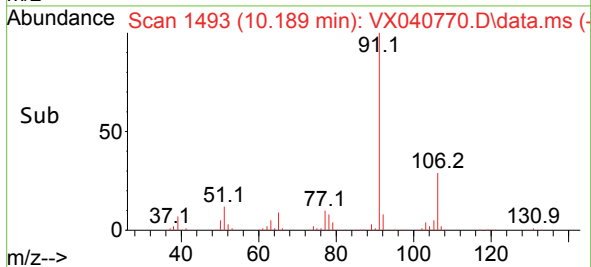
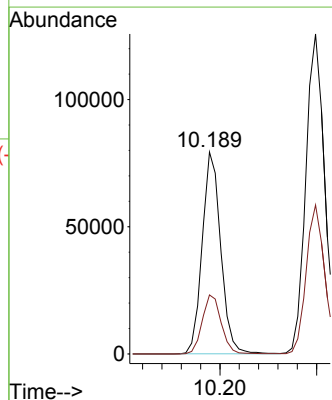
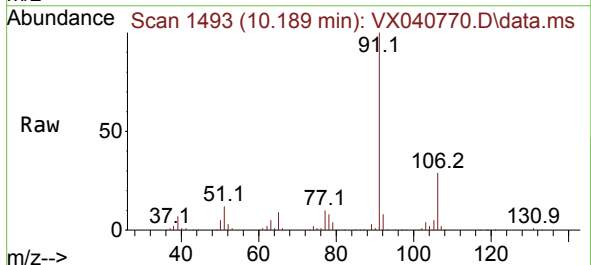
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

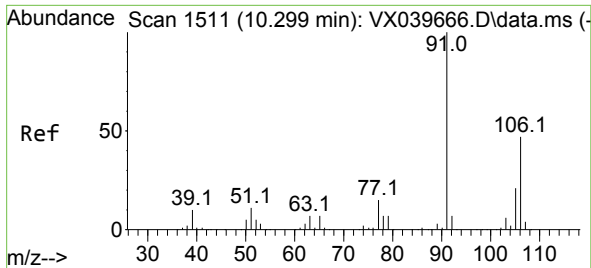
Tgt Ion:131 Resp: 21372
Ion Ratio Lower Upper
131 100
133 98.6 0.0 191.8
119 64.1 0.0 135.4



#66
Ethyl Benzene
Concen: 18.122 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 91 Resp: 105966
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





#67

m/p-Xylenes

Concen: 36.070 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

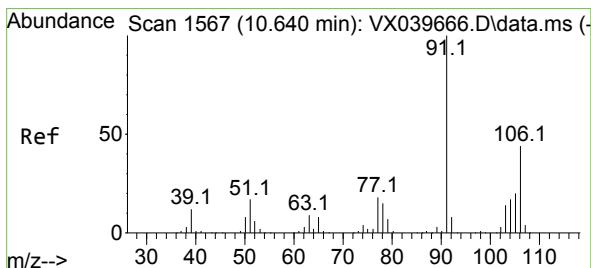
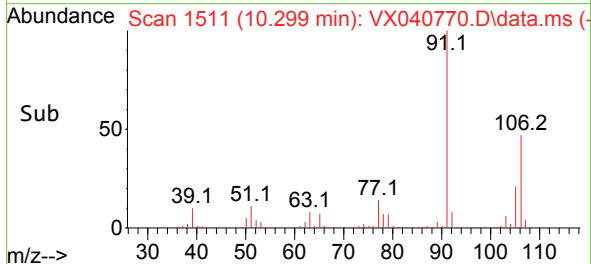
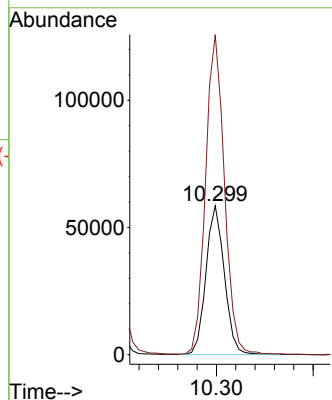
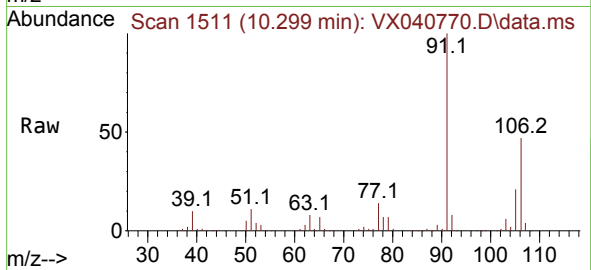
VSTDCCC020

Tgt Ion:106 Resp: 77888

Ion Ratio Lower Upper

106 100

91 219.6 169.4 254.0



#68

o-Xylene

Concen: 17.925 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040770.D

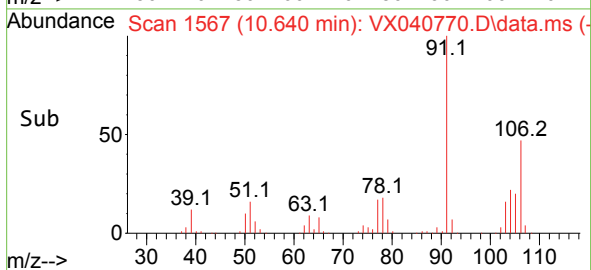
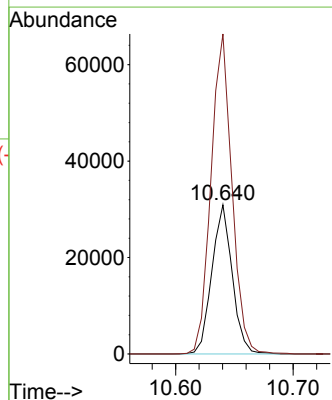
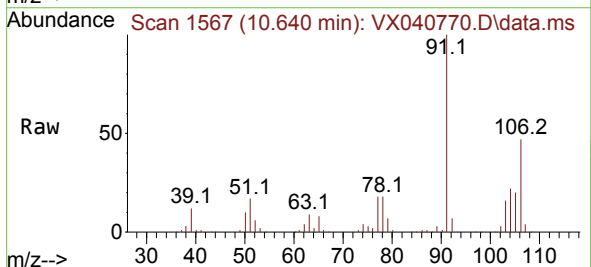
Acq: 22 Mar 2024 10:50

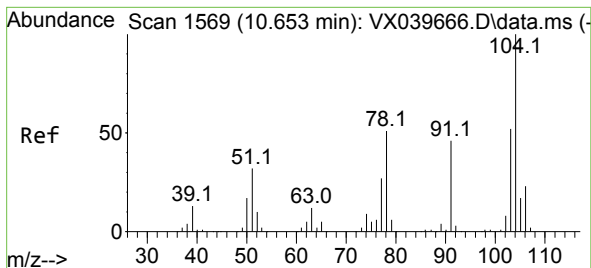
Tgt Ion:106 Resp: 37262

Ion Ratio Lower Upper

106 100

91 220.7 111.2 333.6





#69

Styrene

Concen: 17.181 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

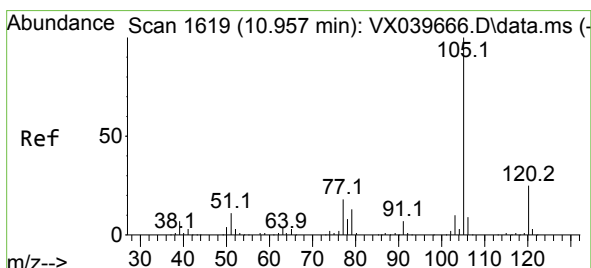
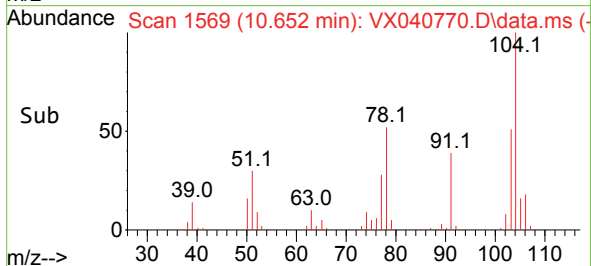
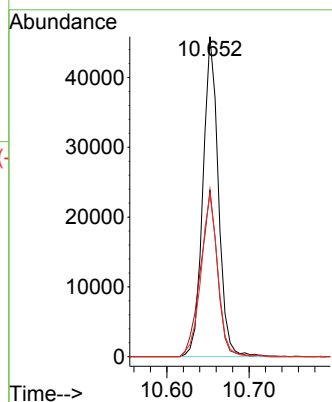
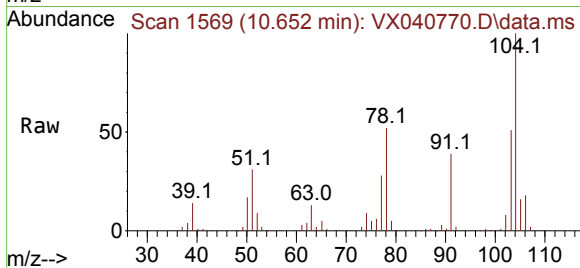
Tgt Ion:104 Resp: 60004

Ion Ratio Lower Upper

104 100

78 56.9 43.7 65.5

103 54.9 44.6 67.0



#70

Isopropylbenzene

Concen: 17.579 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX040770.D

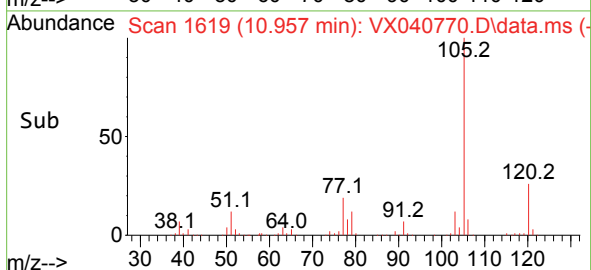
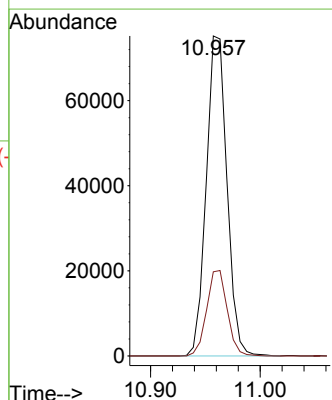
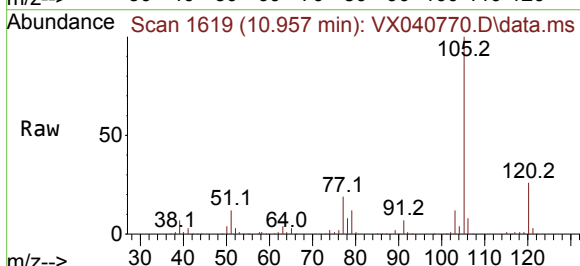
Acq: 22 Mar 2024 10:50

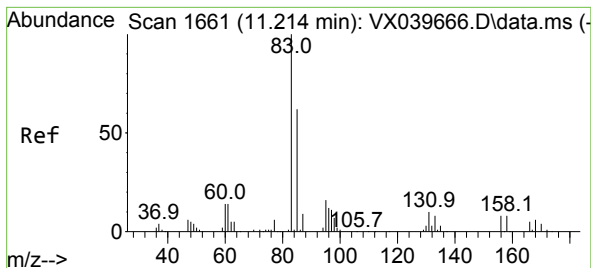
Tgt Ion:105 Resp: 98736

Ion Ratio Lower Upper

105 100

120 26.5 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 17.783 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.007 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

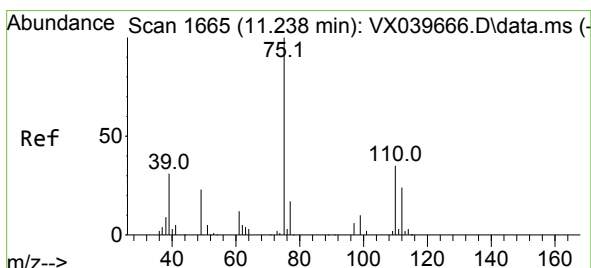
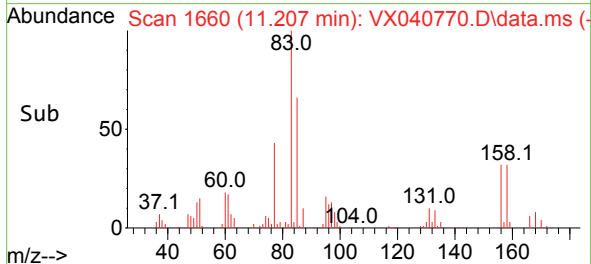
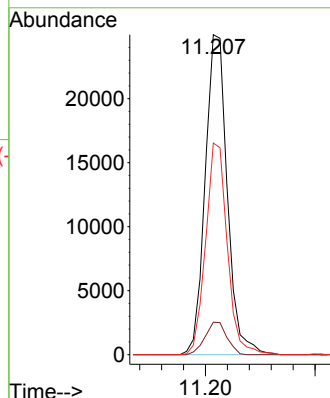
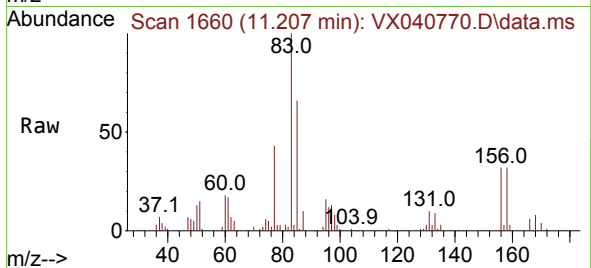
Tgt Ion: 83 Resp: 35017

Ion Ratio Lower Upper

83 100

131 10.0 4.6 13.8

85 64.8 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 22.486 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040770.D

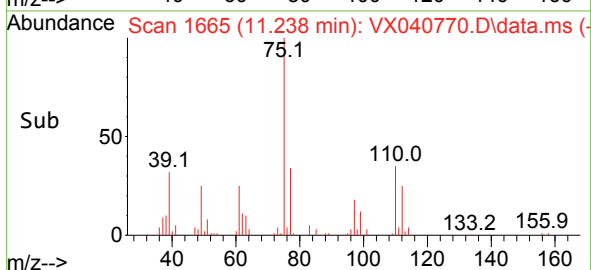
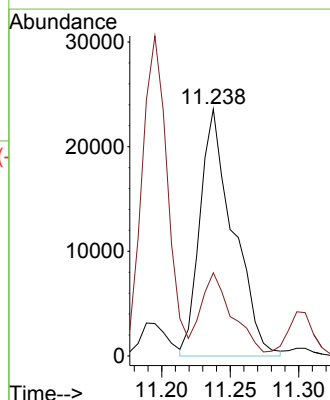
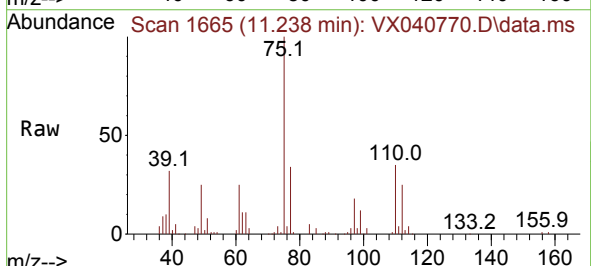
Acq: 22 Mar 2024 10:50

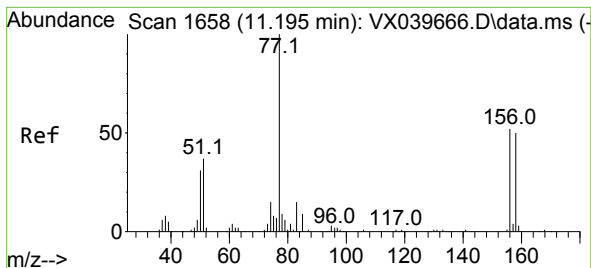
Tgt Ion: 75 Resp: 39840

Ion Ratio Lower Upper

75 100

77 32.1 0.0 76.4





#73

Bromobenzene

Concen: 17.802 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

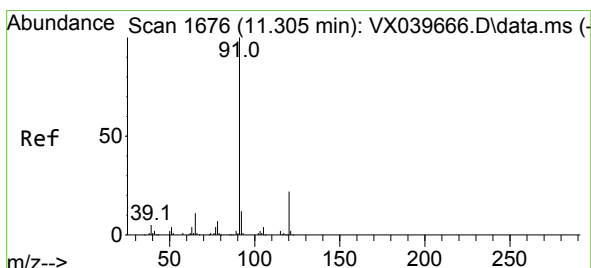
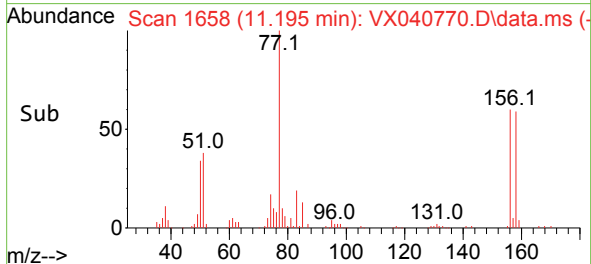
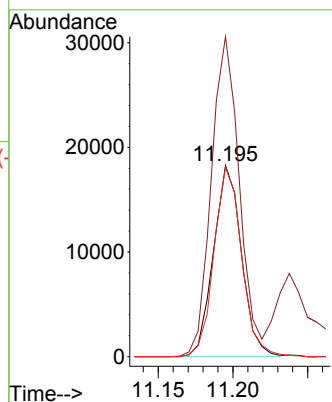
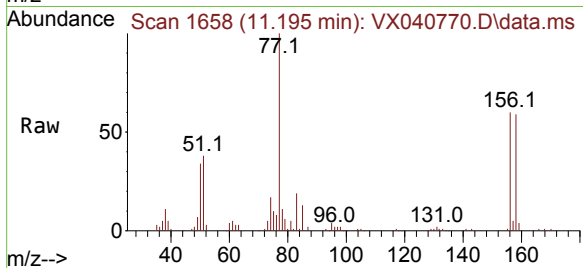
Tgt Ion:156 Resp: 23671

Ion Ratio Lower Upper

156 100

77 168.0 0.0 363.2

158 98.5 0.0 197.8



#74

n-propylbenzene

Concen: 18.086 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040770.D

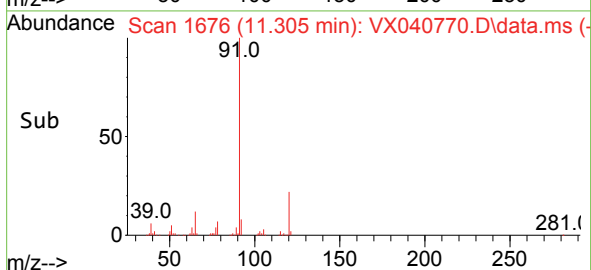
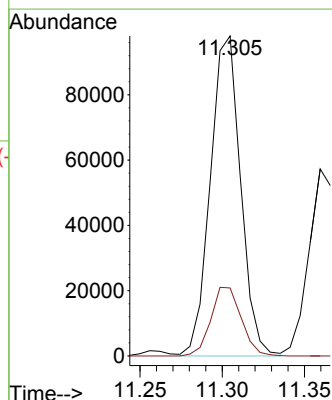
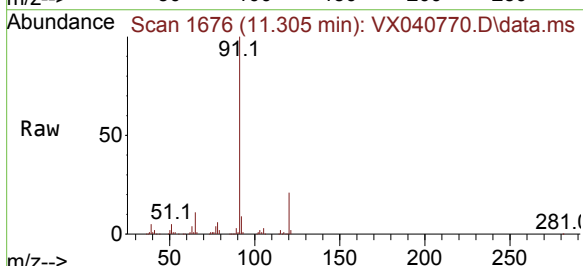
Acq: 22 Mar 2024 10:50

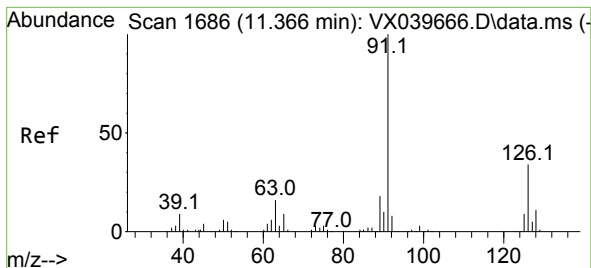
Tgt Ion: 91 Resp: 125468

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.4





#75

2-Chlorotoluene

Concen: 17.901 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

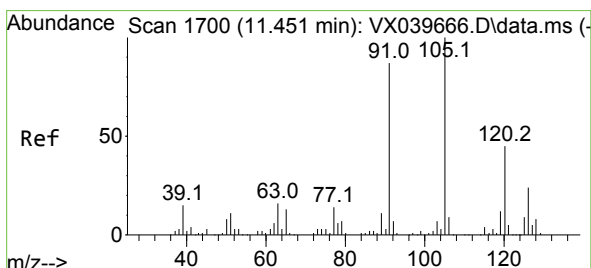
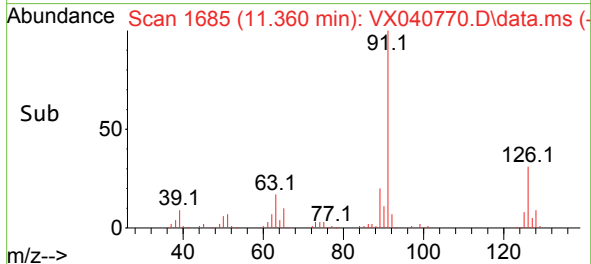
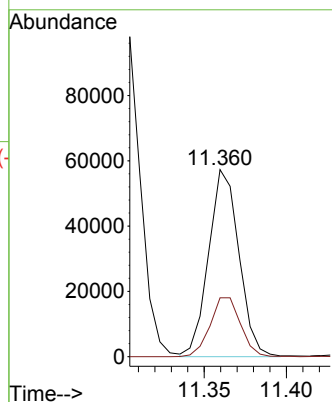
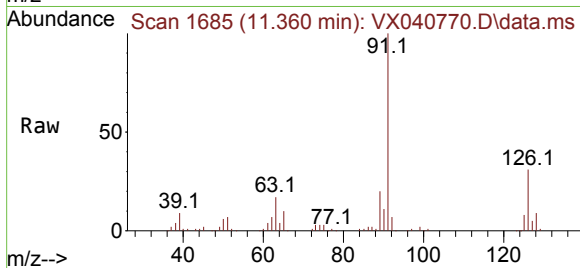
VSTDCCC020

Tgt Ion: 91 Resp: 73692

Ion Ratio Lower Upper

91 100

126 31.8 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 17.156 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040770.D

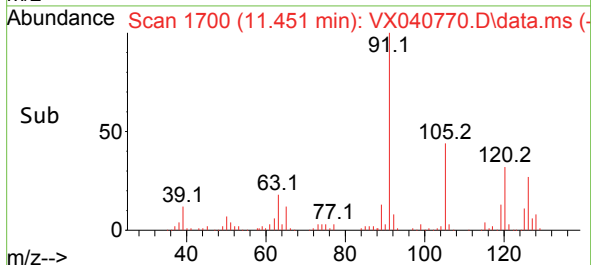
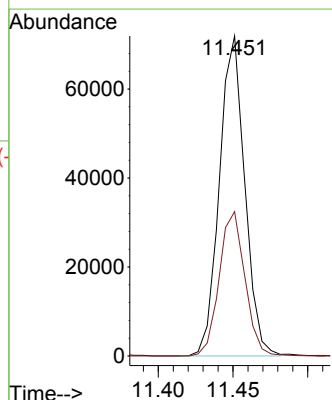
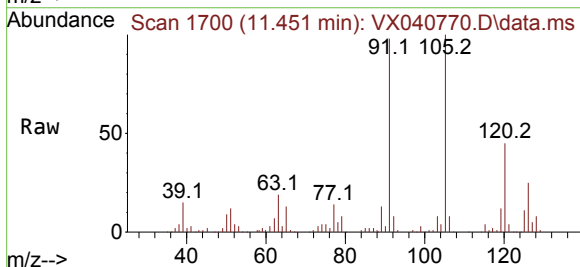
Acq: 22 Mar 2024 10:50

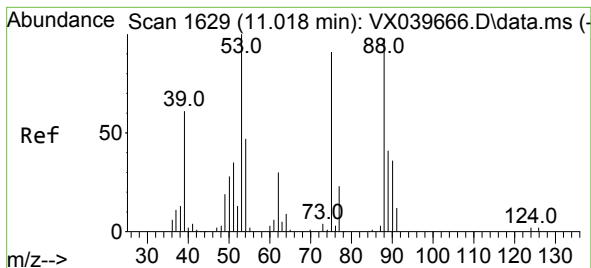
Tgt Ion: 105 Resp: 84837

Ion Ratio Lower Upper

105 100

120 45.8 0.0 92.6

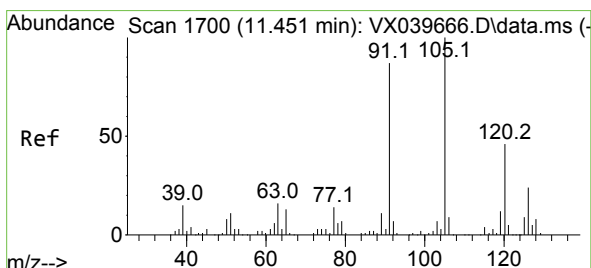
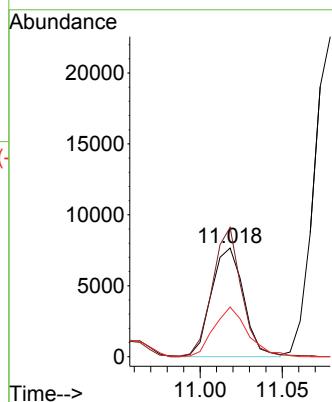
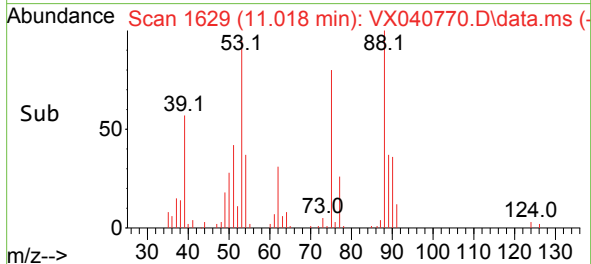
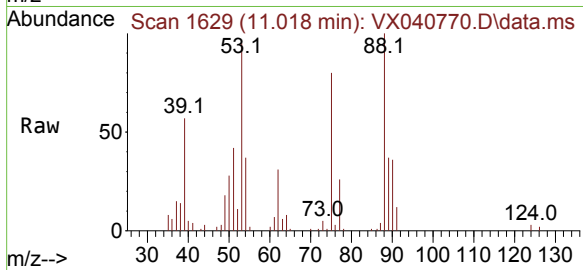




#77
t-1,4-Dichloro-2-butene
Concen: 19.010 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

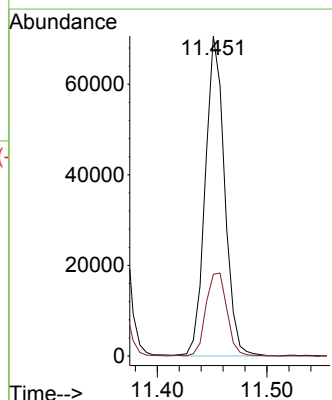
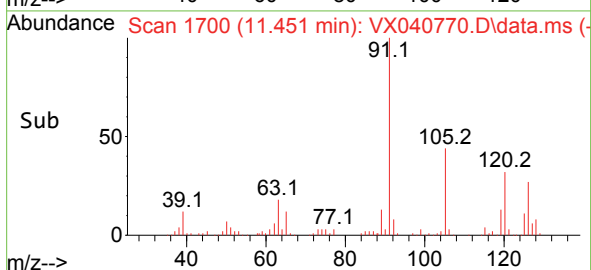
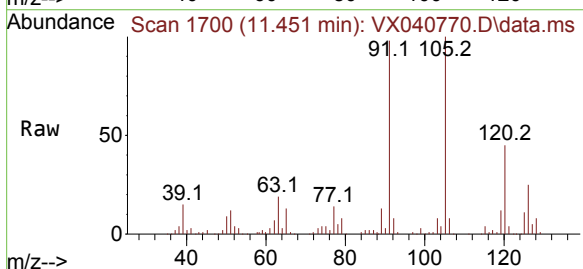
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

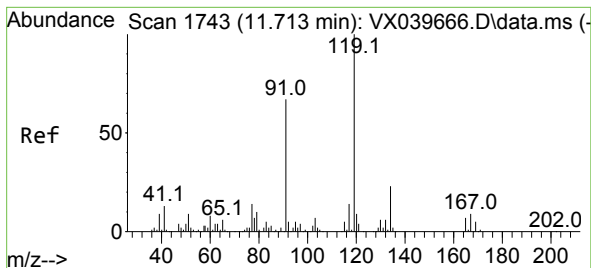
Tgt Ion: 75 Resp: 10467
Ion Ratio Lower Upper
75 100
53 118.3 46.9 140.8
89 45.7 21.3 63.7



#78
4-Chlorotoluene
Concen: 17.640 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 91 Resp: 86629
Ion Ratio Lower Upper
91 100
126 28.0 0.0 57.4





#79

tert-butylbenzene

Concen: 17.809 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

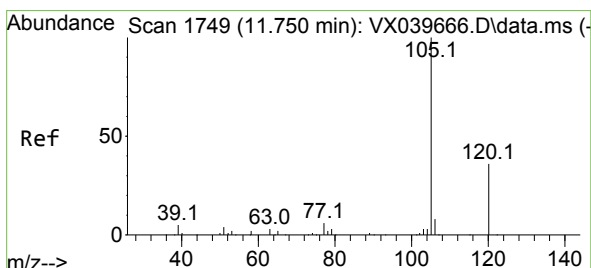
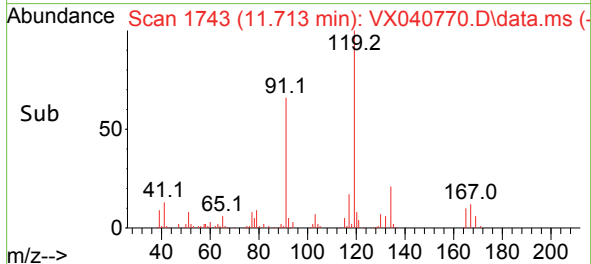
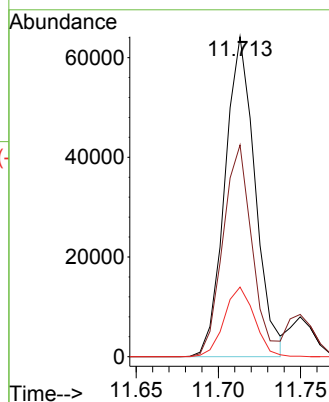
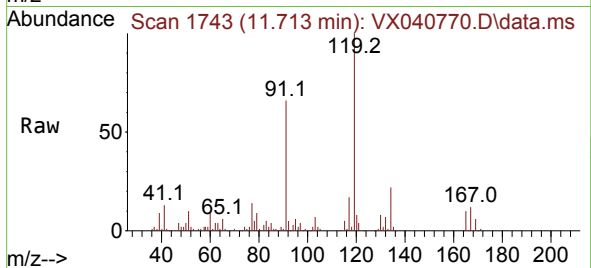
Tgt Ion:119 Resp: 82195

Ion Ratio Lower Upper

119 100

91 64.2 0.0 125.6

134 21.8 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 17.577 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040770.D

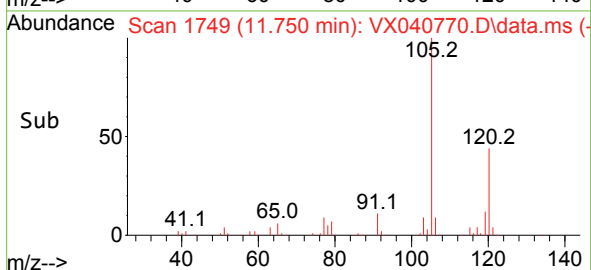
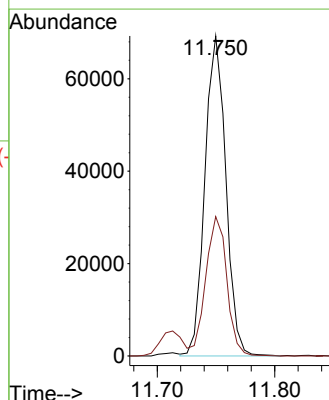
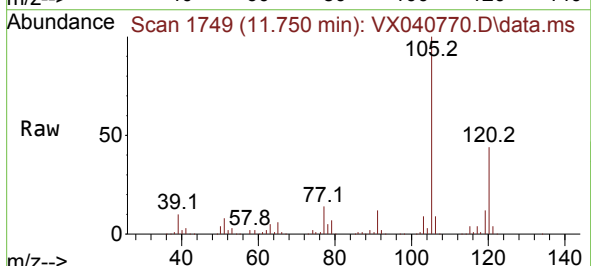
Acq: 22 Mar 2024 10:50

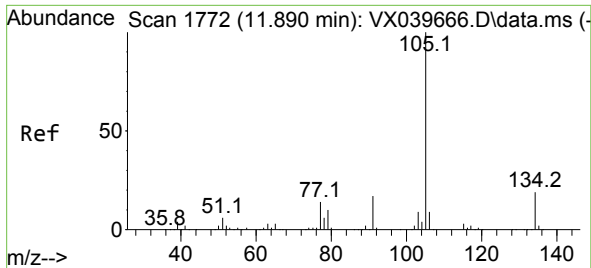
Tgt Ion:105 Resp: 85638

Ion Ratio Lower Upper

105 100

120 44.1 0.0 86.4

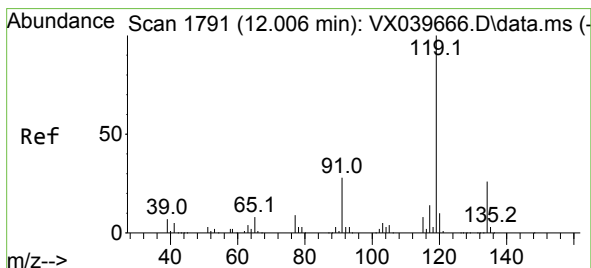
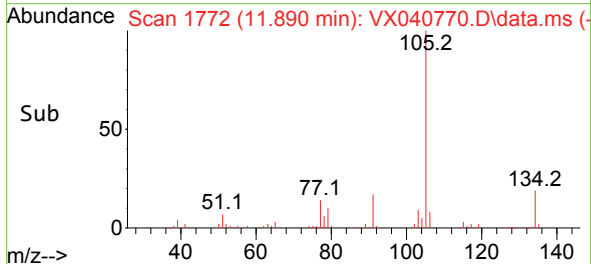
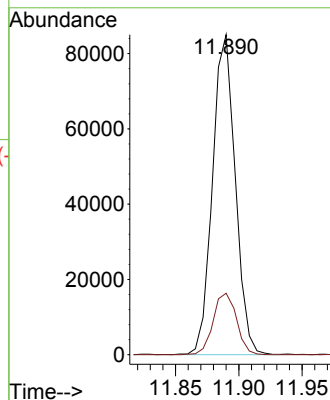
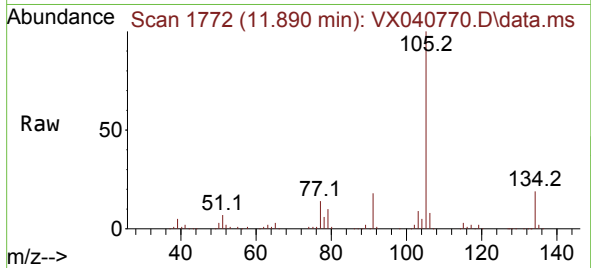




#81
 sec-Butylbenzene
 Concen: 17.446 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

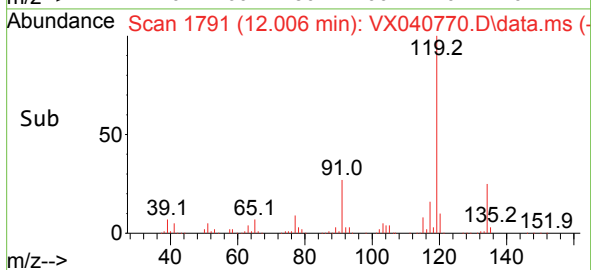
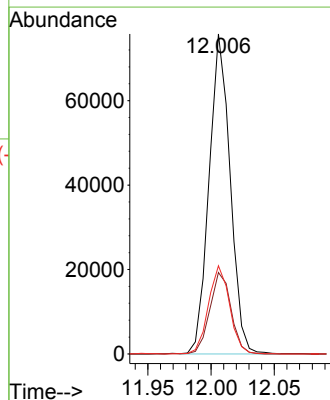
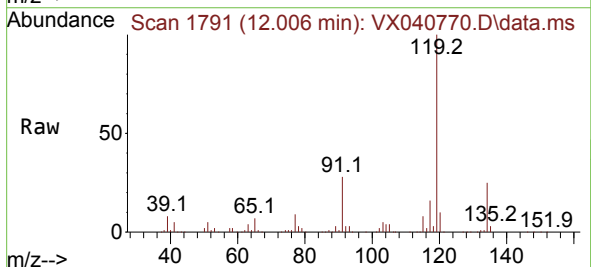
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

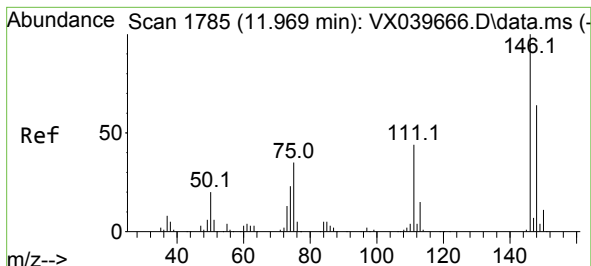
Tgt Ion:105 Resp: 106311
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 17.617 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

Tgt Ion:119 Resp: 87873
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 27.7 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 18.181 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

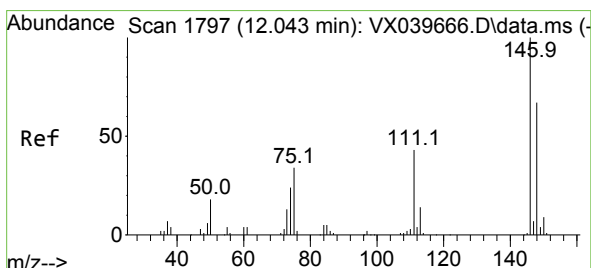
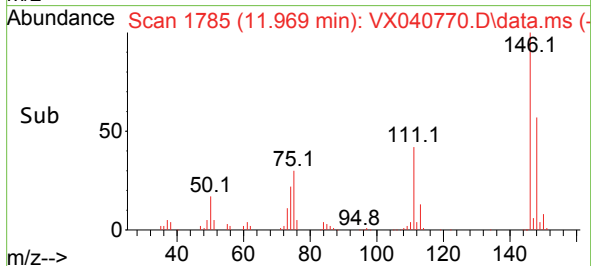
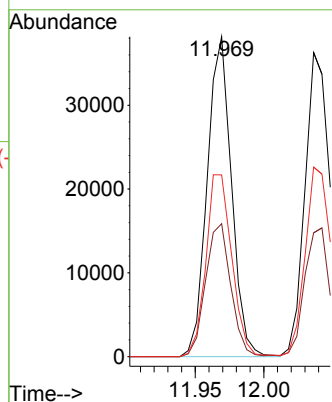
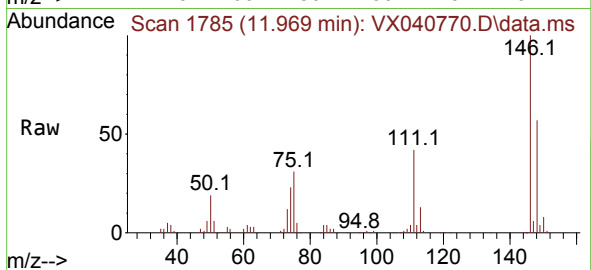
Tgt Ion:146 Resp: 47042

Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.9

148 60.6 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 17.549 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.007 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

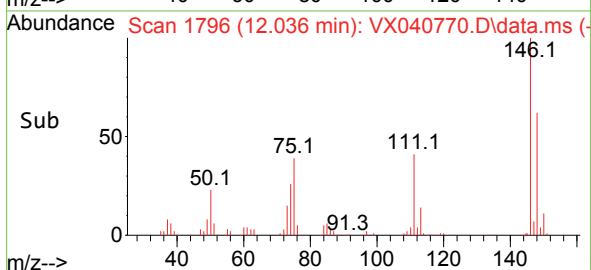
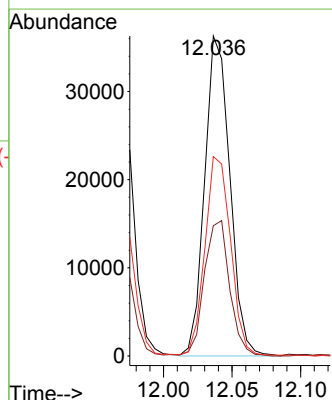
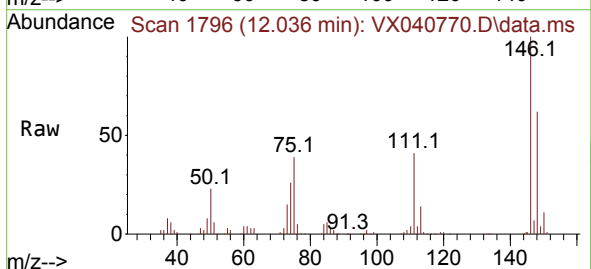
Tgt Ion:146 Resp: 46433

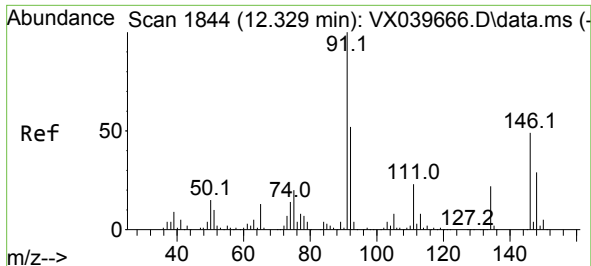
Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.2

148 63.7 31.8 95.4

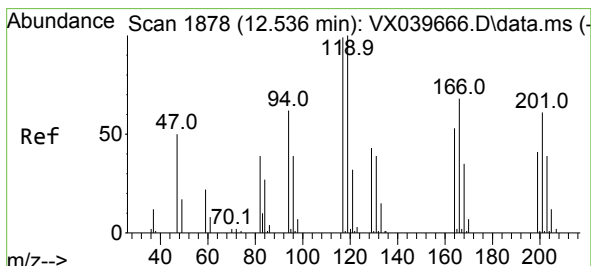
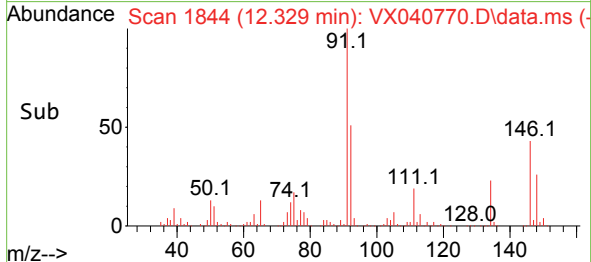
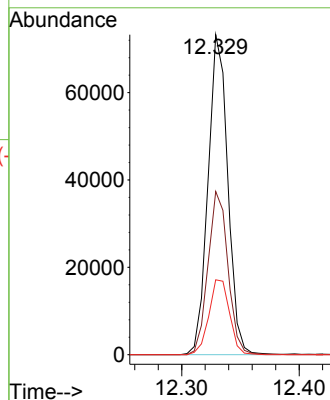
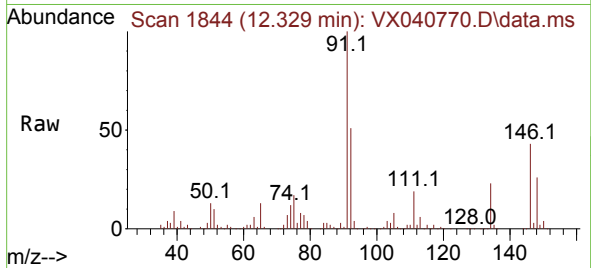




#85
n-Butylbenzene
Concen: 17.635 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

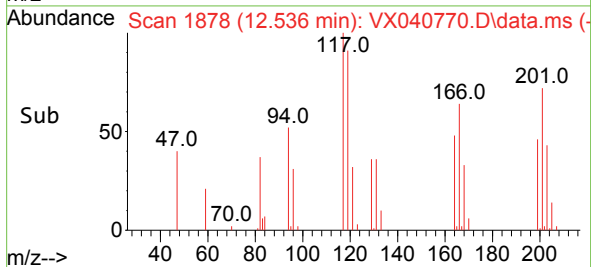
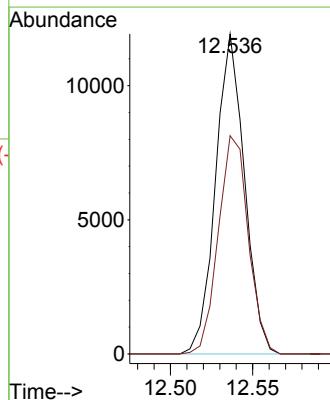
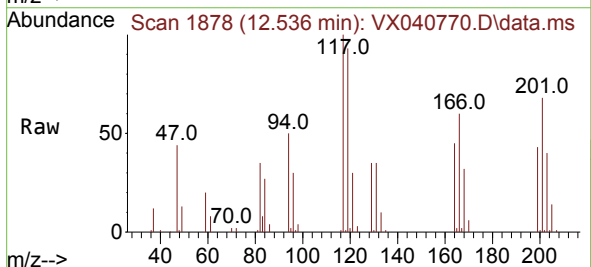
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

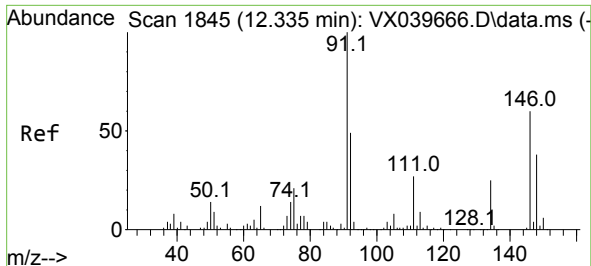
Tgt Ion: 91 Resp: 85592
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.2
134 24.5 0.0 48.8



#86
Hexachloroethane
Concen: 16.748 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

Tgt Ion: 117 Resp: 14576
Ion Ratio Lower Upper
117 100
201 70.8 31.8 95.3

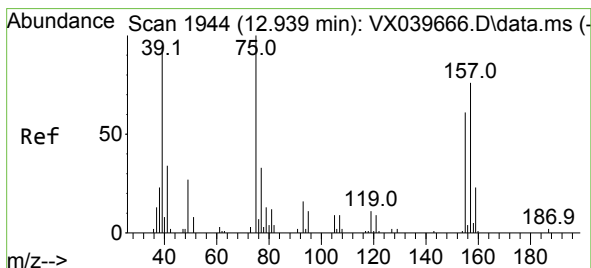
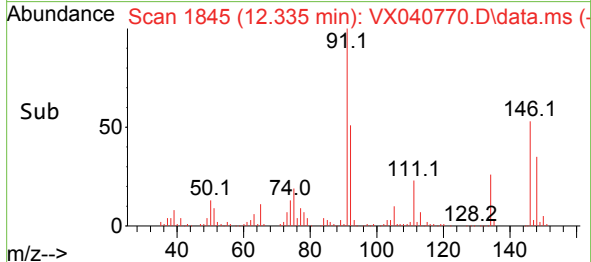
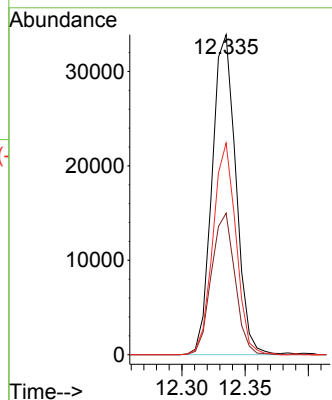
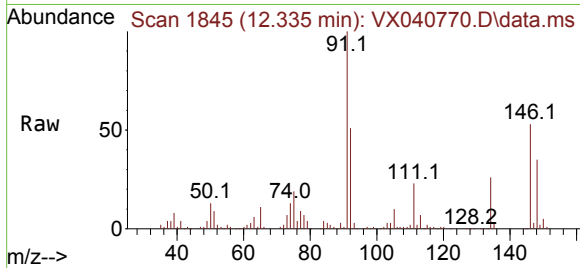




#87
 1,2-Dichlorobenzene
 Concen: 17.641 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

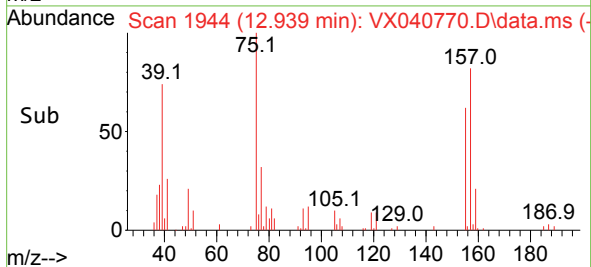
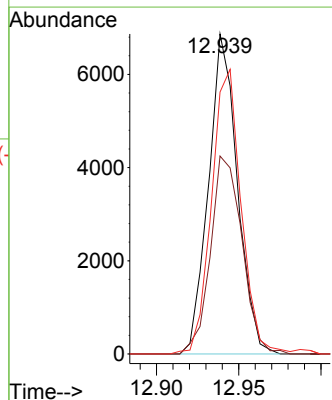
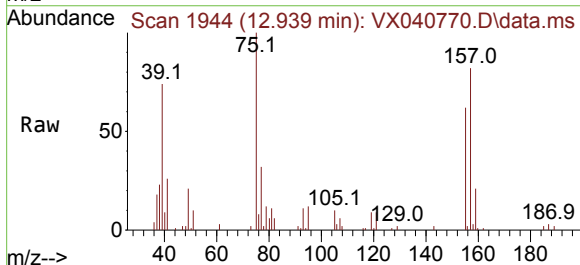
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

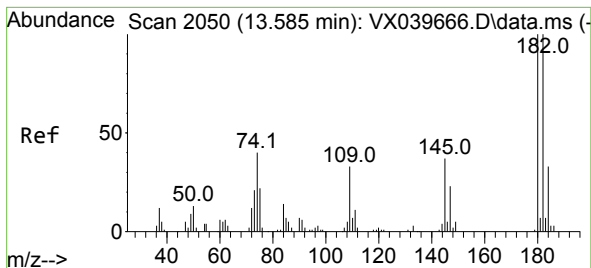
Tgt Ion:146 Resp: 44355
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.4 67.2
 148 64.1 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.944 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX040770.D
 Acq: 22 Mar 2024 10:50

Tgt Ion: 75 Resp: 8395
 Ion Ratio Lower Upper
 75 100
 155 67.6 58.2 87.4
 157 89.2 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 18.284 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

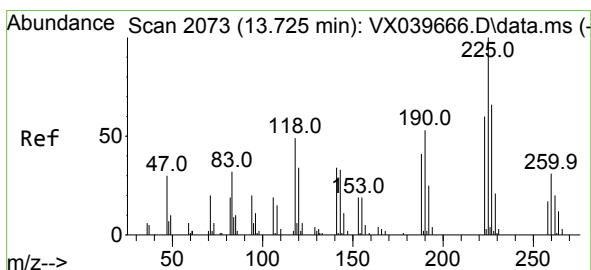
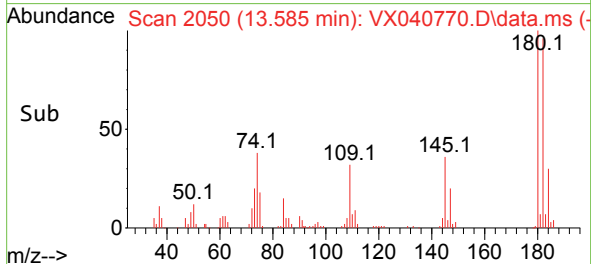
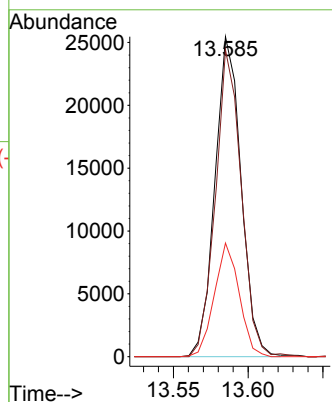
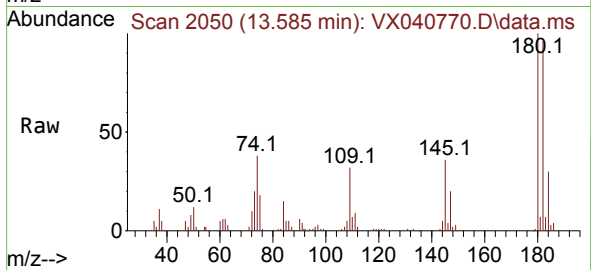
Tgt Ion:180 Resp: 30953

Ion Ratio Lower Upper

180 100

182 94.2 74.5 111.7

145 33.7 26.6 40.0



#90

Hexachlorobutadiene

Concen: 17.513 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040770.D

Acq: 22 Mar 2024 10:50

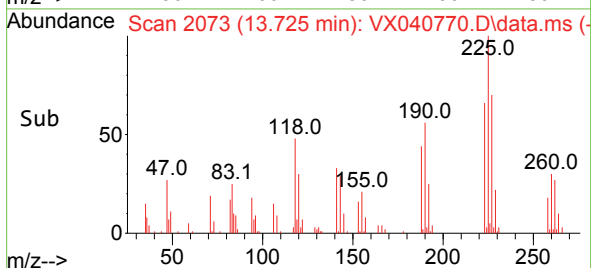
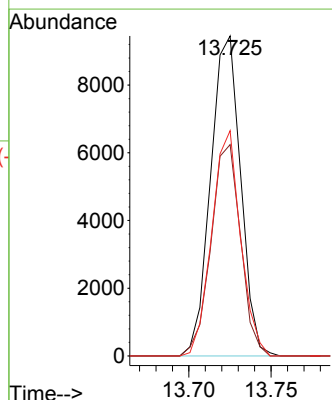
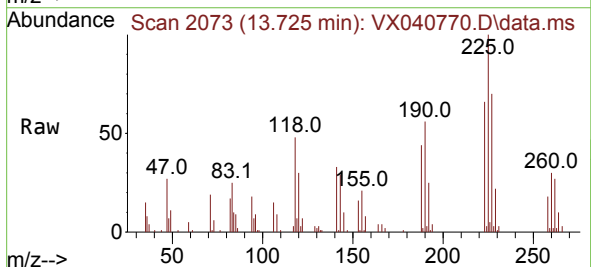
Tgt Ion:225 Resp: 11988

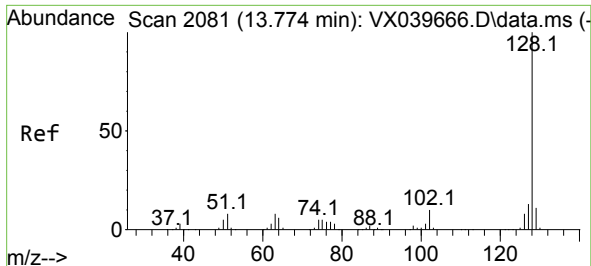
Ion Ratio Lower Upper

225 100

223 65.0 0.0 124.4

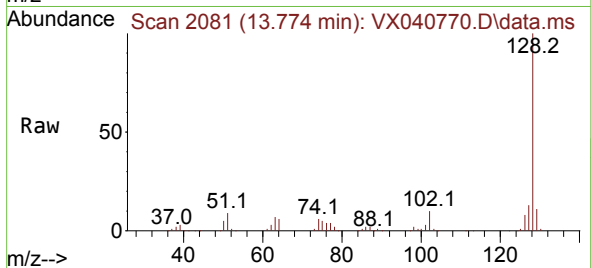
227 67.6 0.0 124.4



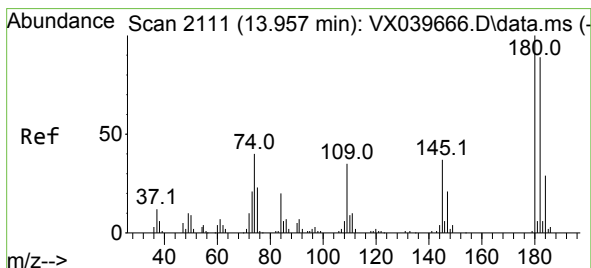
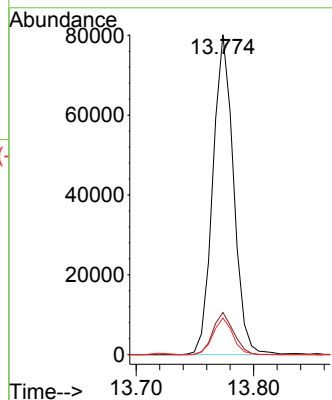
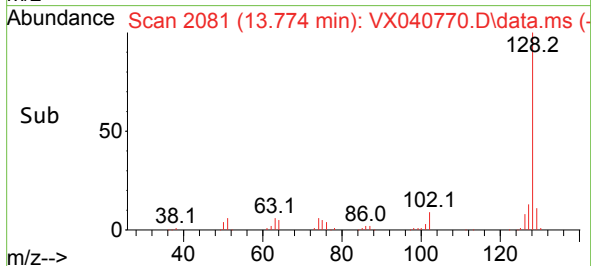


#91
Naphthalene
Concen: 17.773 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50

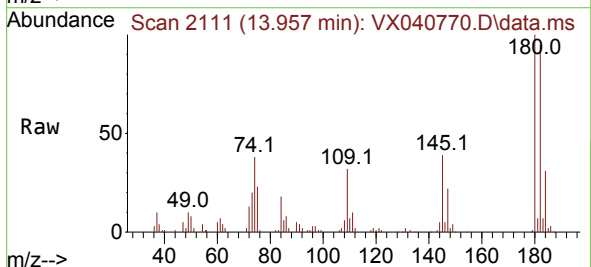
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 98146
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.1 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 17.498 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040770.D
Acq: 22 Mar 2024 10:50



Tgt Ion:180 Resp: 29208
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.6
145 36.9 0.0 69.6

