

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040715.D
 Acq On : 19 Mar 2024 15:13
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Mar 20 04:34:06 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	4.891	128	14244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	69806	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	64985	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43890	30.852	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.833%	
60) 4-Bromofluorobenzene	11.079	95	33558	30.105	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.367%	
63) Toluene-d8	8.640	98	84646	29.474	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.233%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12032	12.454	ug/l	97
3) Chloromethane	1.294	50	18120	18.306	ug/l	92
4) Vinyl Chloride	1.373	62	17651	16.500	ug/l	93
5) Bromomethane	1.611	94	13918	21.302	ug/l	95
7) Trichlorofluoromethane	1.892	101	21888	13.438	ug/l	98
8) Diethyl Ether	2.129	74	10810	19.547	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10779	12.082	ug/l	95
10) 1,1-Dichloroethene	2.318	96	11262	13.259	ug/l	98
11) Methyl Iodide	2.452	142	15601	15.186	ug/l	98
12) Methyl Acetate	2.696	43	31589	22.577	ug/l	96
13) Acrolein	2.233	56	14800	56.107	ug/l	96
14) Acrylonitrile	3.056	53	57890	105.071	ug/l	99
15) Acetone	2.373	58	12956	82.267	ug/l	69
16) Carbon Disulfide	2.513	76	28306	12.125	ug/l	99
17) Allyl chloride	2.666	41	26729	17.052	ug/l	88
18) Methylene Chloride	2.788	84	19600	20.211	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	15312	16.512	ug/l	92
20) Diisopropyl ether	3.751	45	64221	20.486	ug/l	90
21) 1,1-Dichloroethane	3.605	63	33717	18.691	ug/l	99
22) cis-1,2-Dichloroethene	4.476	96	19856	18.438	ug/l	96
23) tert-Butyl Alcohol	2.940	59	26352	101.231	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	64149	20.464	ug/l	94
25) Chloroform	5.086	83	38452	19.475	ug/l	90
26) Cyclohexane	5.464	56	18952	13.018	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	20789	17.205	ug/l	98
30) 2-Butanone	4.544	43	86969	117.952	ug/l	98
31) 2,2-Dichloropropane	4.470	77	24556	18.830	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	28021	18.404	ug/l	97
33) Carbon Tetrachloride	5.665	117	22609	17.650	ug/l	99
34) Benzene	6.031	78	66484	20.382	ug/l	100
35) Methacrylonitrile	4.903	41	9821	12.975	ug/l	93
36) 1,2-Dichloroethane	6.080	62	35517	23.550	ug/l #	90
37) Trichloroethene	7.122	130	15944	18.190	ug/l	94
38) Methylcyclohexane	7.378	83	20136	15.476	ug/l	97
39) 1,2-Dichloropropane	7.421	63	19088	22.984	ug/l	92
40) Dibromomethane	7.580	93	15772	24.174	ug/l	95
41) Bromodichloromethane	7.817	83	30552	23.538	ug/l #	99
42) Vinyl Acetate	3.714	43	296311	116.722	ug/l	99
43) Ethyl Acetate	4.702	43	32524	23.422	ug/l	100

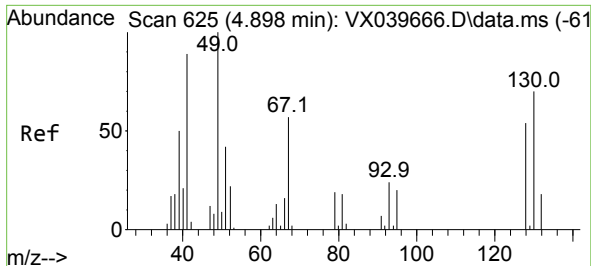
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040715.D
 Acq On : 19 Mar 2024 15:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 20 04:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.330	43	50869	22.949	ug/l	96
45) 1,4-Dioxane	7.647	88	10383	455.699	ug/l	93
46) Methyl methacrylate	7.689	41	26313	23.901	ug/l	94
47) n-amyl Acetate	10.841	43	40747	21.329	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	29796	21.719	ug/l	95
49) cis-1,3-Dichloropropene	8.360	75	30823	22.055	ug/l	97
50) 1,1,2-Trichloroethane	9.146	97	20604	23.774	ug/l	93
51) Ethyl methacrylate	9.110	69	31172	22.847	ug/l	98
52) 1,3-Dichloropropane	9.305	76	34061	23.033	ug/l	100
53) Dibromochloromethane	9.518	129	22179	22.450	ug/l	99
54) 1,2-Dibromoethane	9.604	107	21953	22.893	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	83542	120.236	ug/l	98
56) Bromoform	10.799	173	16344	23.324	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	177828	122.890	ug/l	98
59) 2-Hexanone	9.427	43	135651	116.056	ug/l	97
61) Tetrachloroethene	9.268	164	13652	17.700	ug/l	97
62) Toluene	8.714	91	68465	19.129	ug/l	98
64) Chlorobenzene	10.079	112	41703	19.064	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.158	131	18134	21.734	ug/l	97
66) Ethyl Benzene	10.189	91	73331	17.770	ug/l	99
67) m/p-Xylenes	10.299	106	53829	35.323	ug/l	97
68) o-Xylene	10.640	106	27069	18.452	ug/l	96
69) Styrene	10.652	104	46342	18.802	ug/l	96
70) Isopropylbenzene	10.957	105	68758	17.346	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	33636	24.205	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	37086	29.660	ug/l	90
73) Bromobenzene	11.195	156	18451	19.662	ug/l	96
74) n-propylbenzene	11.305	91	81615	16.671	ug/l	99
75) 2-Chlorotoluene	11.359	91	52218	17.974	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	60313	17.283	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	8266	21.272	ug/l	77
78) 4-Chlorotoluene	11.451	91	62047	17.903	ug/l	96
79) tert-butylbenzene	11.713	119	55103	16.917	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	60172	17.500	ug/l	97
81) sec-Butylbenzene	11.890	105	67967	15.805	ug/l	98
82) p-Isopropyltoluene	12.006	119	56485	16.047	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	32928	18.033	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	33033	17.691	ug/l	99
85) n-Butylbenzene	12.329	91	52294	15.267	ug/l	98
86) Hexachloroethane	12.536	117	10135	16.501	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	33187	18.704	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	8735	23.508	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	20533	17.186	ug/l	98
90) Hexachlorobutadiene	13.725	225	7091	14.679	ug/l	96
91) Naphthalene	13.774	128	75809	19.453	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	20725	17.593	ug/l	99

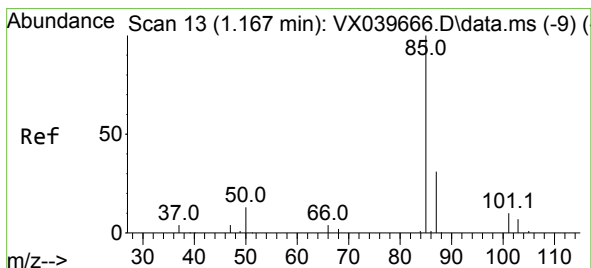
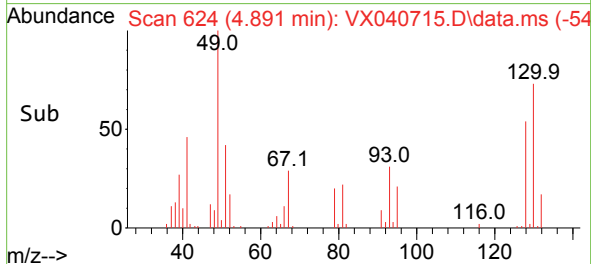
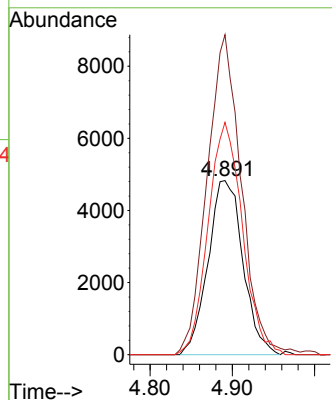
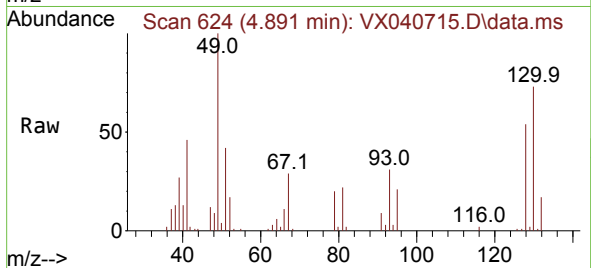
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

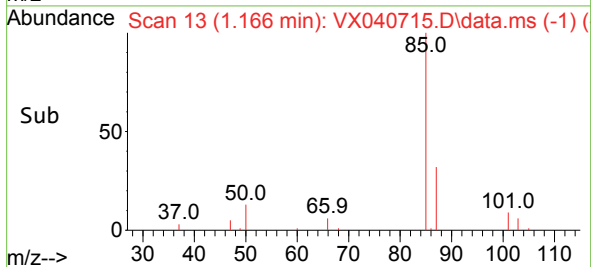
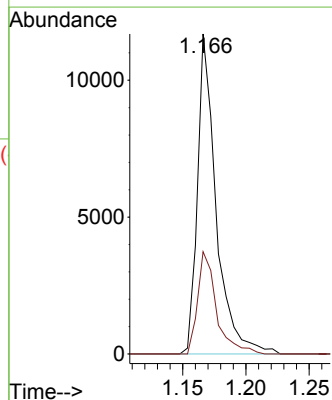
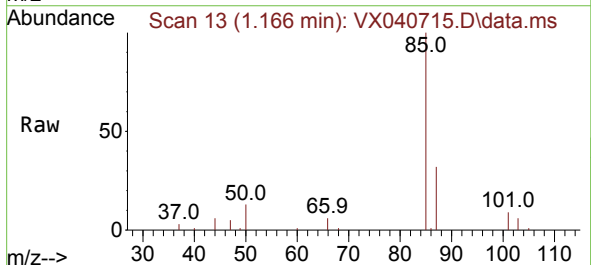
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

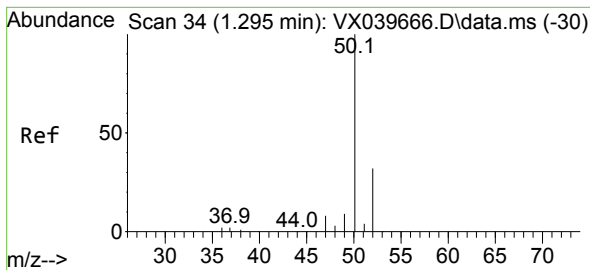
Tgt Ion:128 Resp: 14244
Ion Ratio Lower Upper
128 100
49 178.8 0.0 444.0
130 131.2 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 12.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 85 Resp: 12032
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3

Chloromethane

Concen: 18.306 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

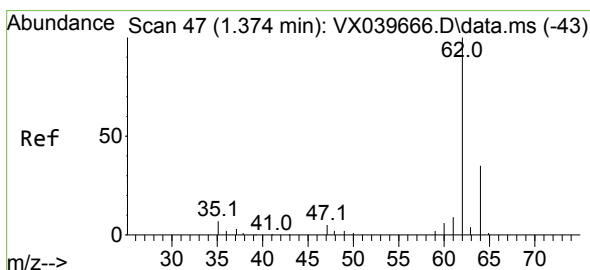
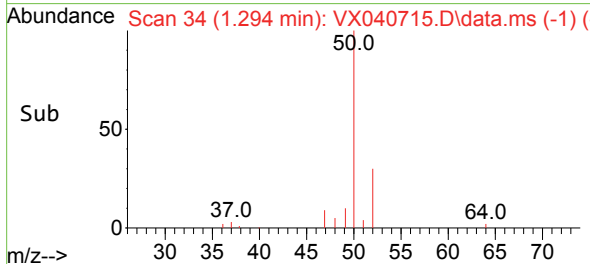
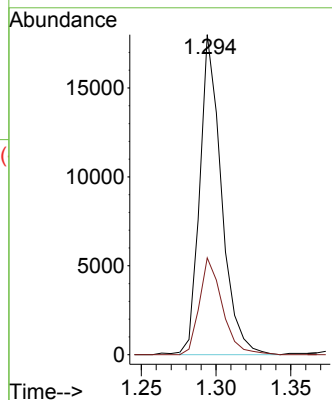
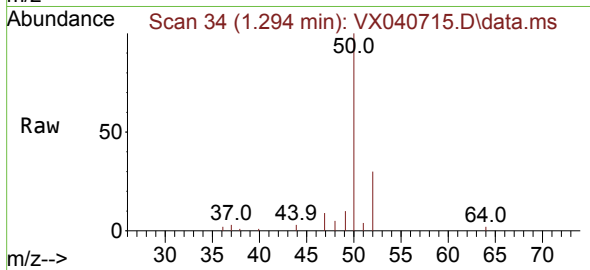
VSTDCCC020EC

Tgt Ion: 50 Resp: 18120

Ion Ratio Lower Upper

50 100

52 30.2 27.8 41.8



#4

Vinyl Chloride

Concen: 16.500 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX040715.D

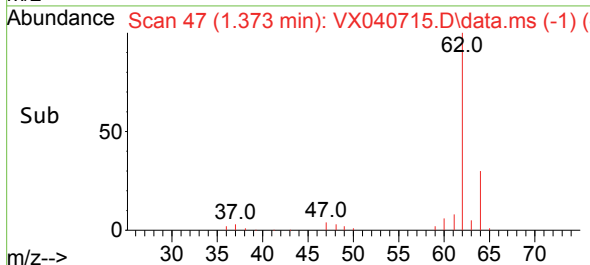
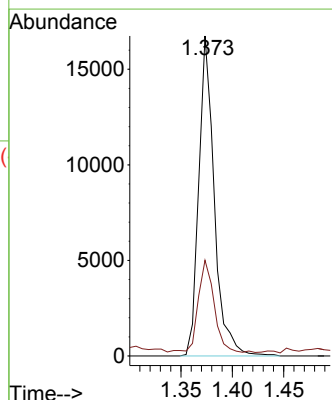
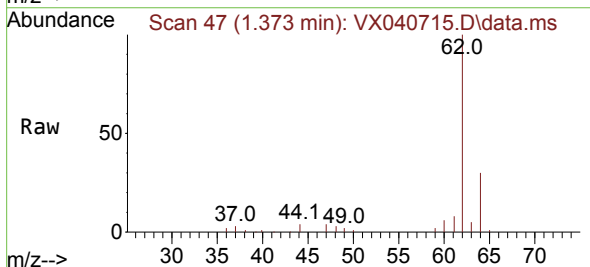
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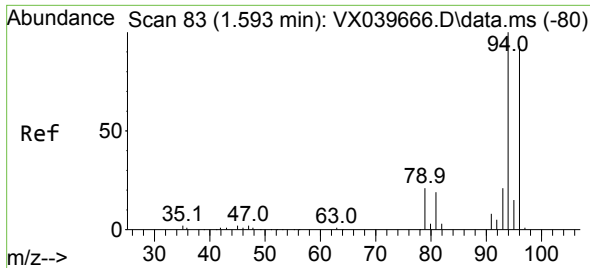
Tgt Ion: 62 Resp: 17651

Ion Ratio Lower Upper

62 100

64 29.0 26.3 39.5

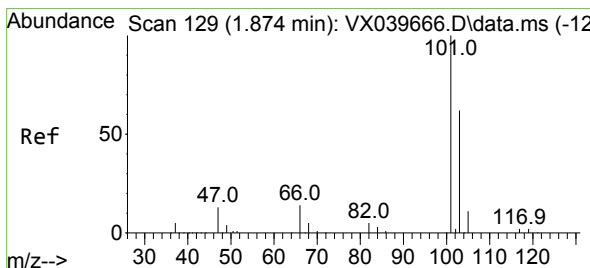
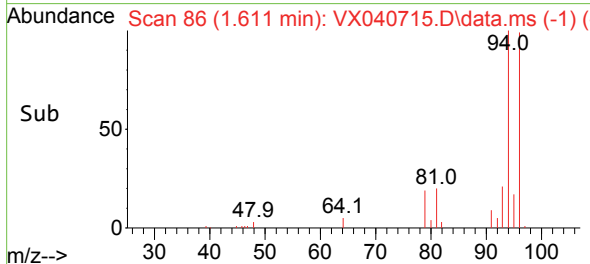
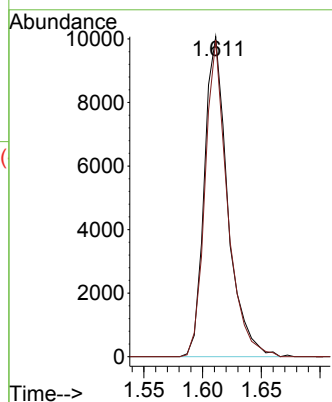
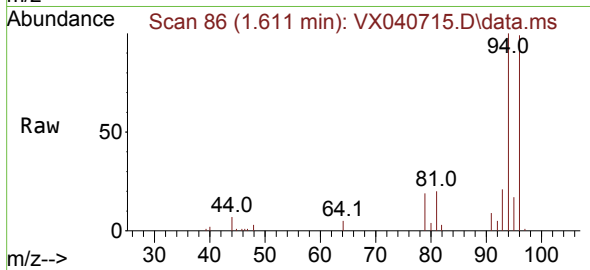




#5
Bromomethane
Concen: 21.302 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

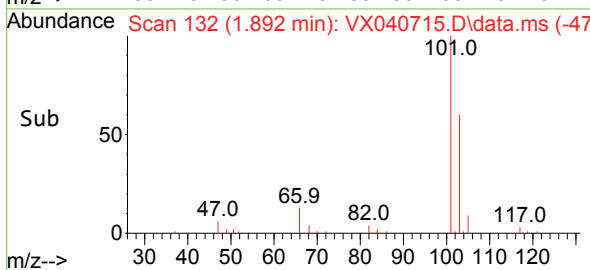
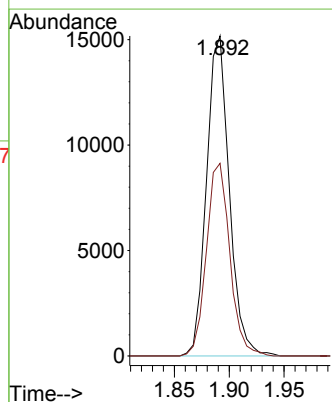
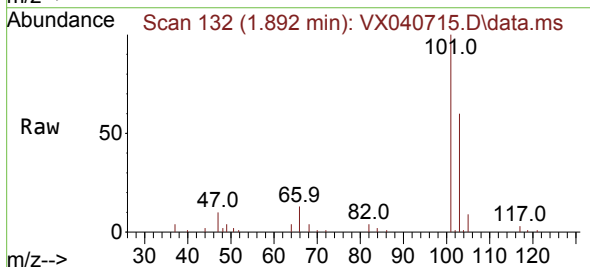
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

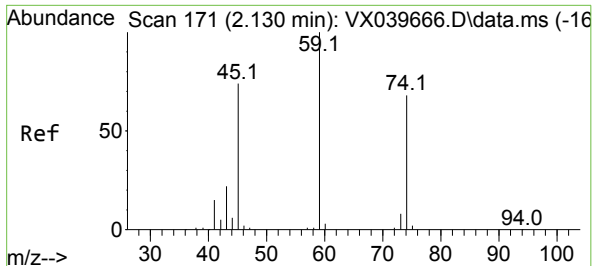
Tgt Ion: 94 Resp: 13918
Ion Ratio Lower Upper
94 100
96 98.8 74.9 112.3



#7
Trichlorofluoromethane
Concen: 13.438 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.018 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:101 Resp: 21888
Ion Ratio Lower Upper
101 100
103 60.2 49.1 73.7

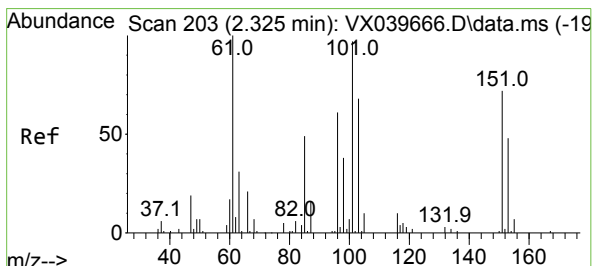
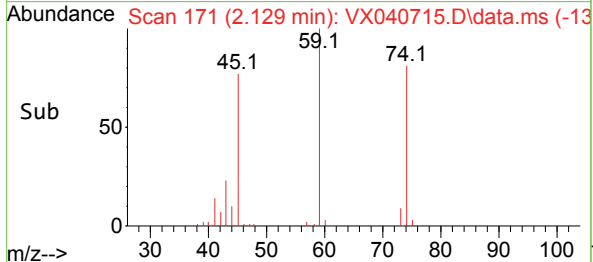
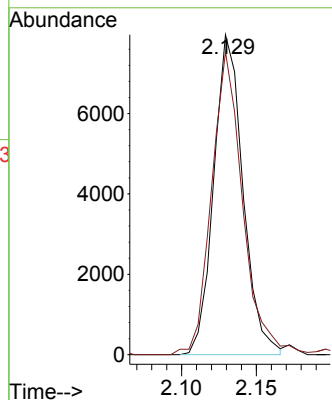
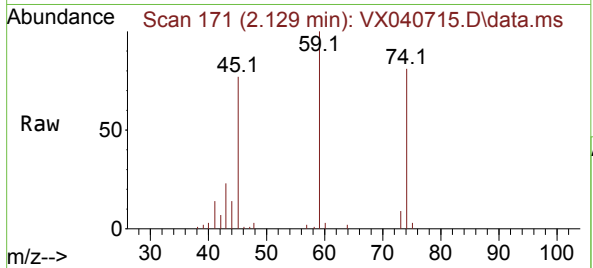




#8
Diethyl Ether
Concen: 19.547 ug/l
RT: 2.129 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

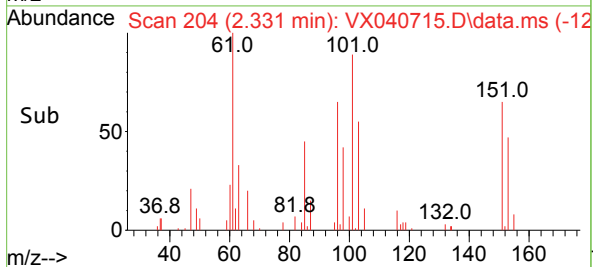
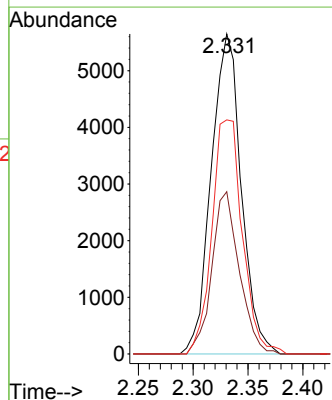
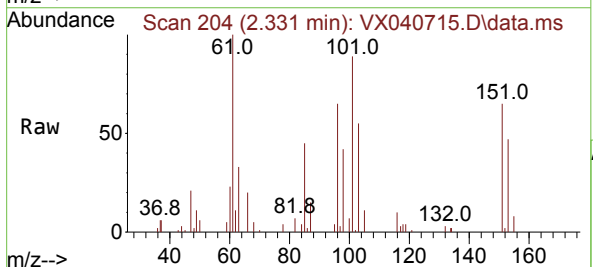
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ClientSampleId :
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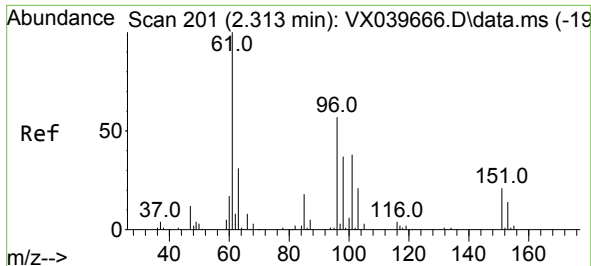
Tgt Ion: 74 Resp: 10810
Ion Ratio Lower Upper
74 100
45 100.9 20.5 184.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.082 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:101 Resp: 10779
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 74.0 0.0 136.8

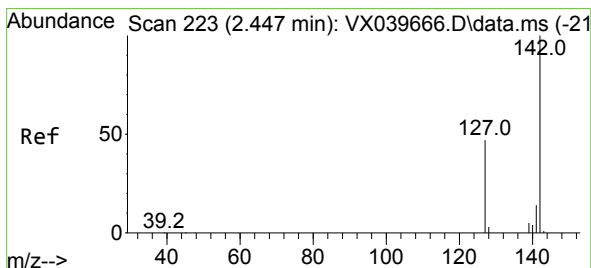
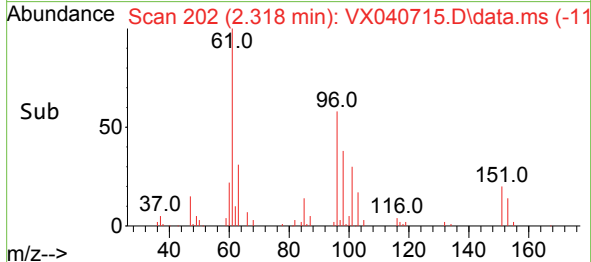
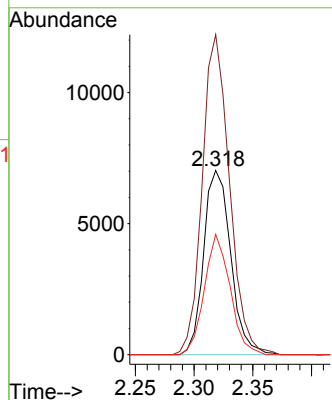
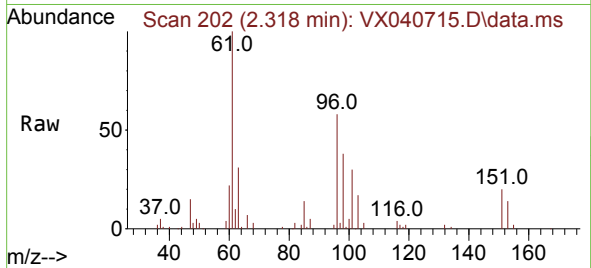




#10
1,1-Dichloroethene
Concen: 13.259 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.005 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

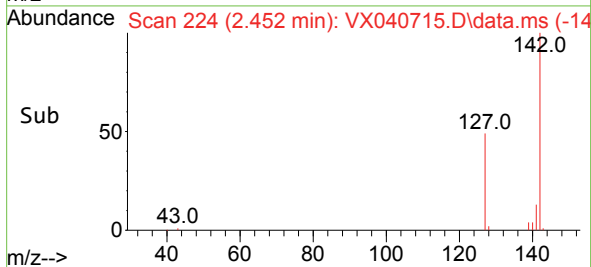
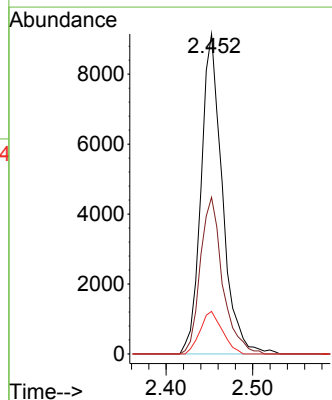
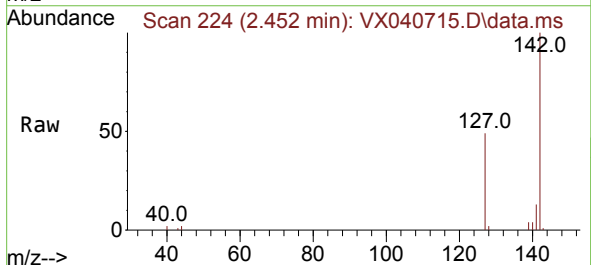
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

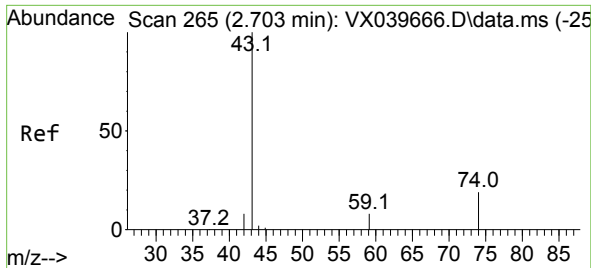
Tgt Ion: 96 Resp: 11262
Ion Ratio Lower Upper
96 100
61 173.7 138.3 207.5
98 65.3 49.8 74.6



#11
Methyl Iodide
Concen: 15.186 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.005 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:142 Resp: 15601
Ion Ratio Lower Upper
142 100
127 48.9 23.8 71.4
141 13.3 6.9 20.6

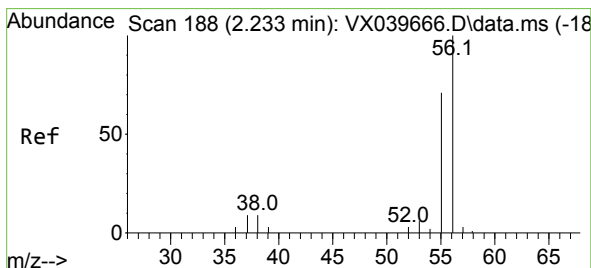
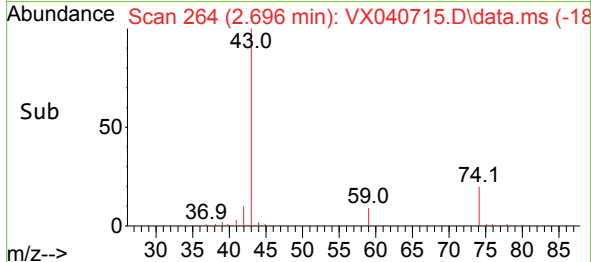
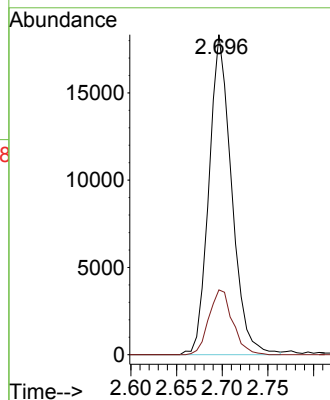
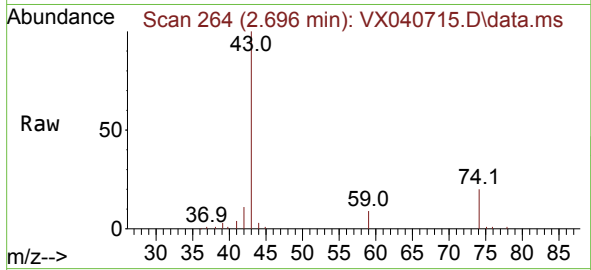




#12
Methyl Acetate
Concen: 22.577 ug/l
RT: 2.696 min Scan# 20
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

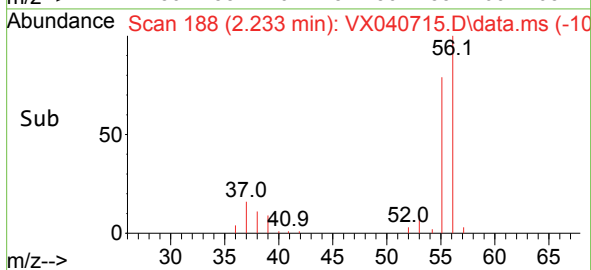
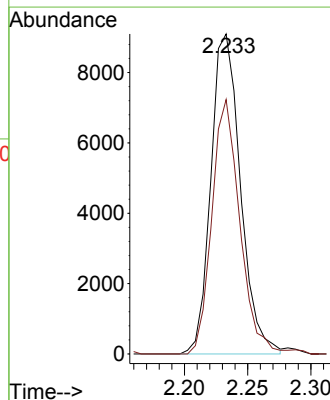
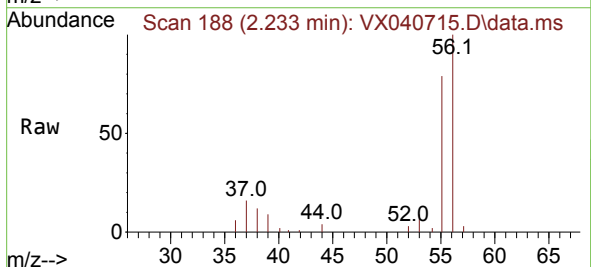
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

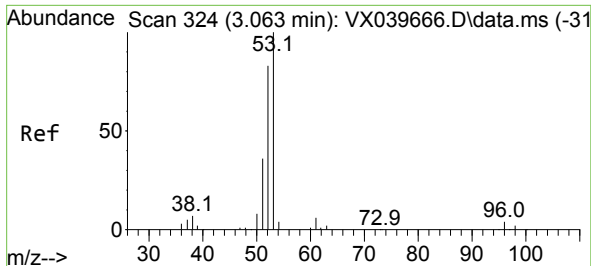
Tgt Ion: 43 Resp: 31589
Ion Ratio Lower Upper
43 100
74 20.3 17.8 26.6



#13
Acrolein
Concen: 56.107 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 56 Resp: 14800
Ion Ratio Lower Upper
56 100
55 74.6 57.2 85.8

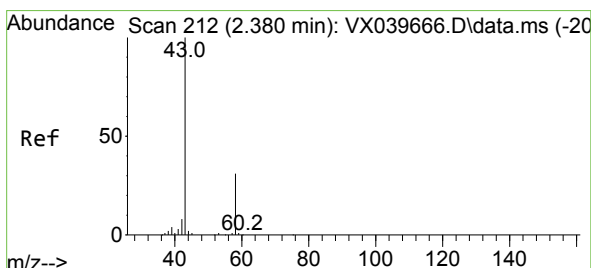
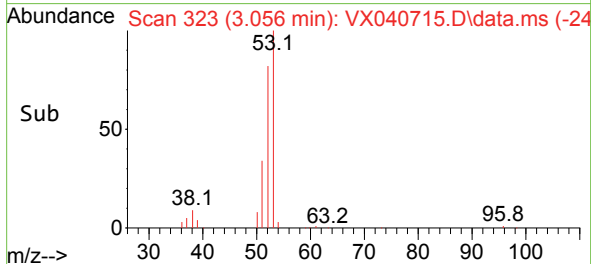
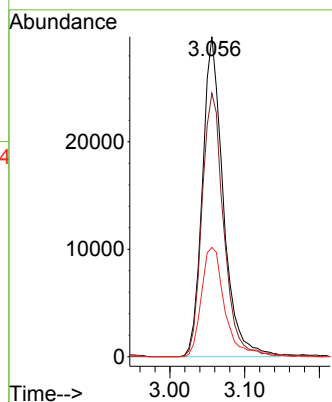
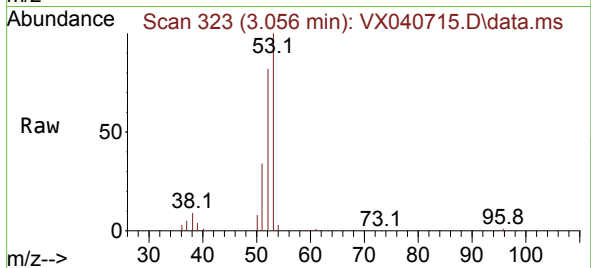




#14
Acrylonitrile
Concen: 105.071 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

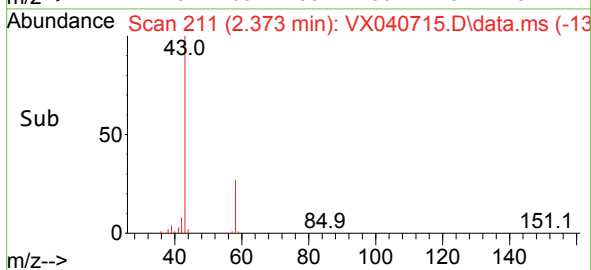
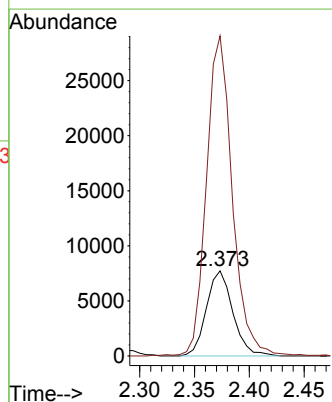
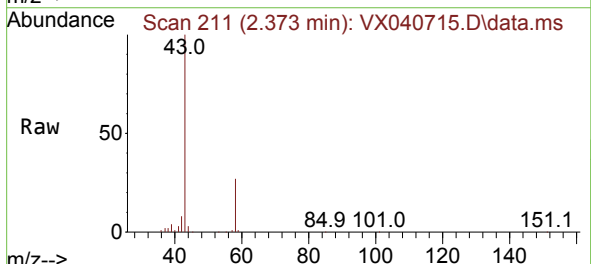
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

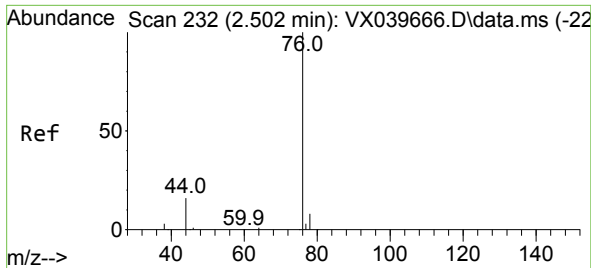
Tgt Ion: 53 Resp: 57890
Ion Ratio Lower Upper
53 100
52 85.4 41.9 125.6
51 36.7 18.3 54.9



#15
Acetone
Concen: 82.267 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 58 Resp: 12956
Ion Ratio Lower Upper
58 100
43 374.1 249.9 374.9

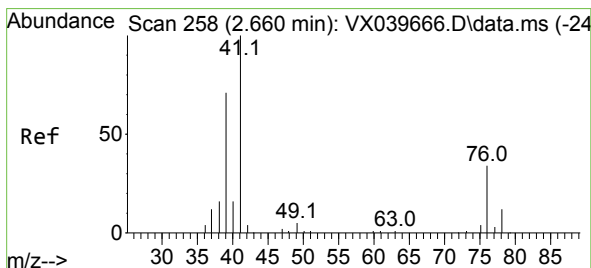
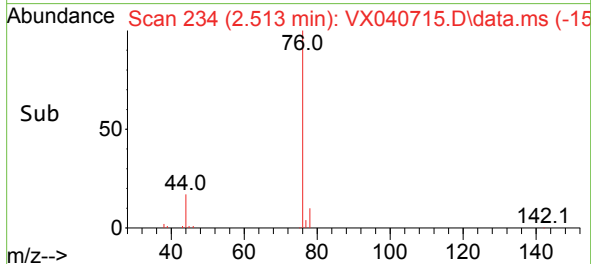
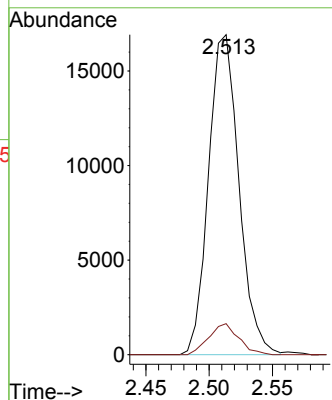
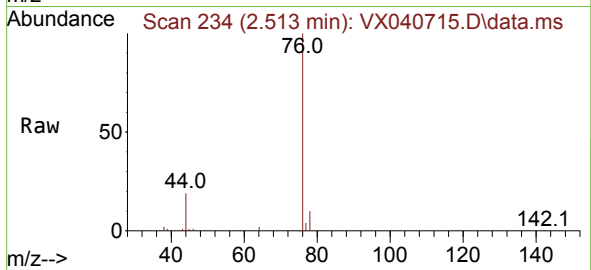




#16
Carbon Disulfide
Concen: 12.125 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.011 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

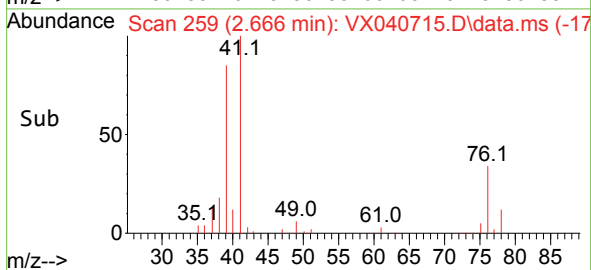
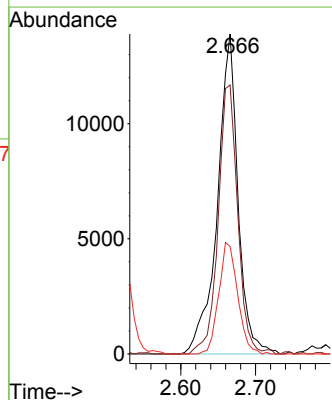
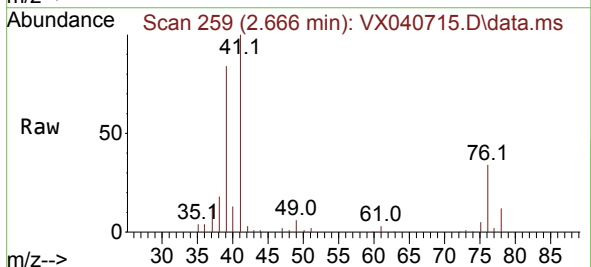
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

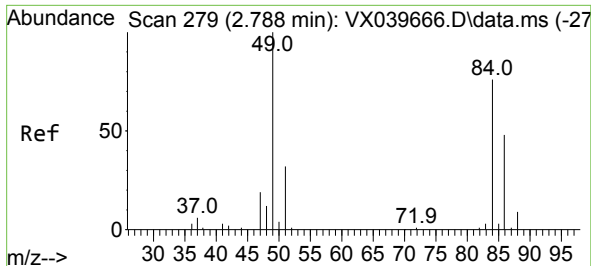
Tgt Ion: 76 Resp: 28306
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0



#17
Allyl chloride
Concen: 17.052 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 41 Resp: 26729
Ion Ratio Lower Upper
41 100
39 84.1 36.5 109.5
76 33.6 19.7 59.0

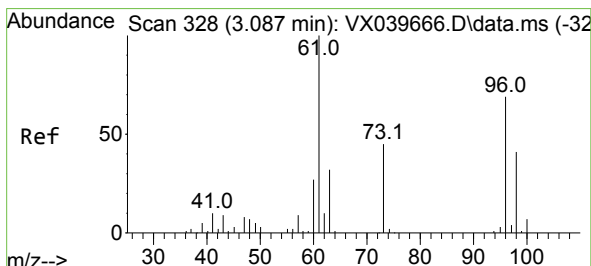
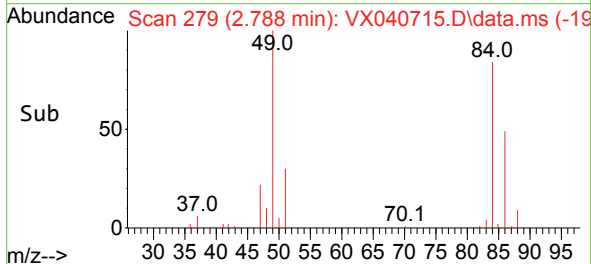
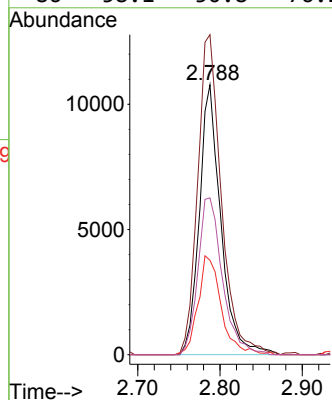
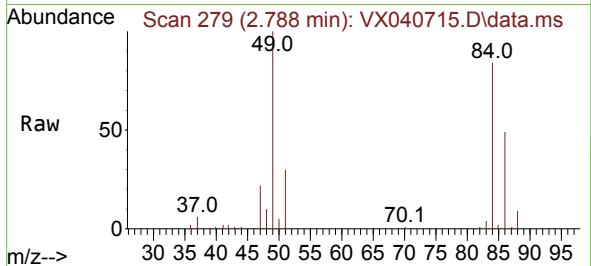




#18
Methylene Chloride
Concen: 20.211 ug/l
RT: 2.788 min Scan# 219
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

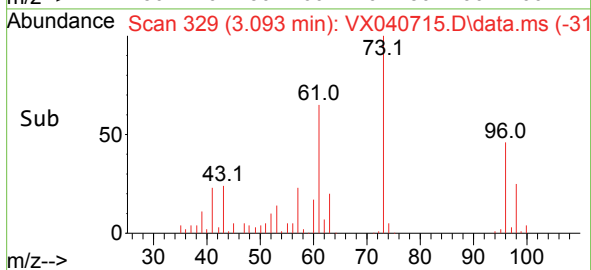
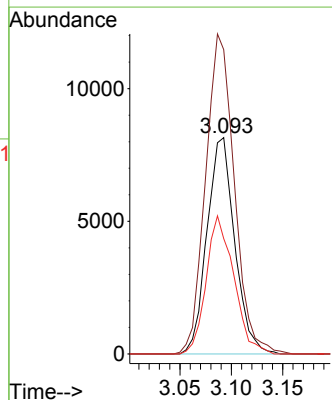
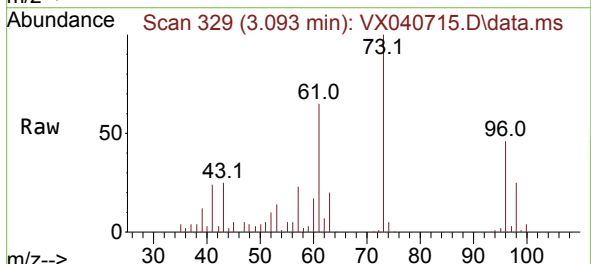
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

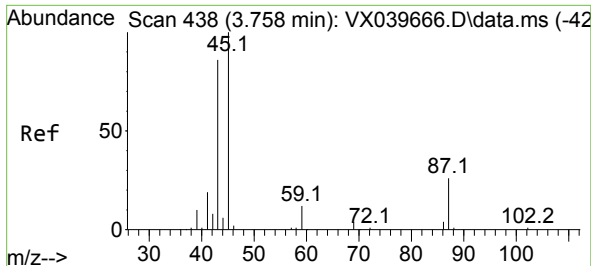
Tgt Ion: 84	Resp: 19600
Ion Ratio	Lower Upper
84 100	
49 118.6	103.8 155.8
51 35.0	31.8 47.6
86 58.1	50.8 76.2



#19
trans-1,2-Dichloroethene
Concen: 16.512 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 96	Resp: 15312		
Ion Ratio	Lower	Upper	
96	100		
61	139.9	117.9	176.9
98	53.4	51.0	76.6

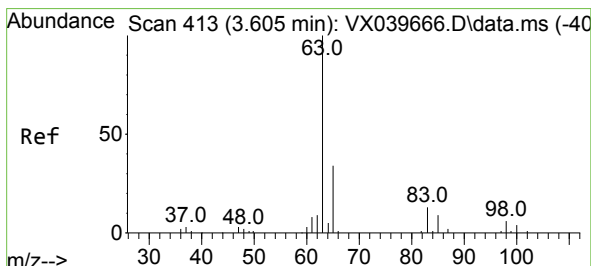
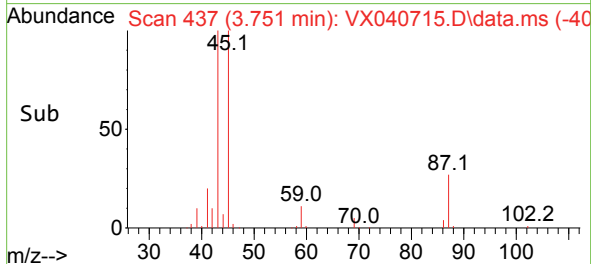
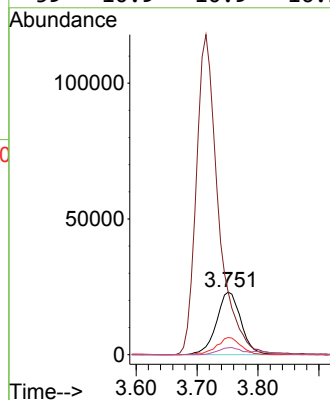
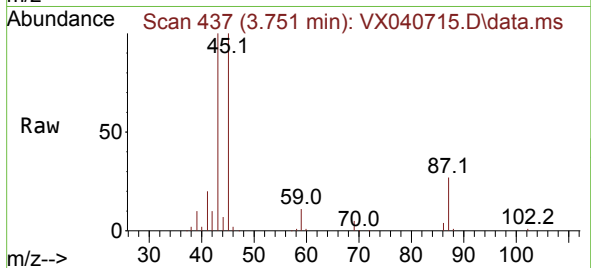




#20
Diisopropyl ether
Concen: 20.486 ug/l
RT: 3.751 min Scan# 413
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

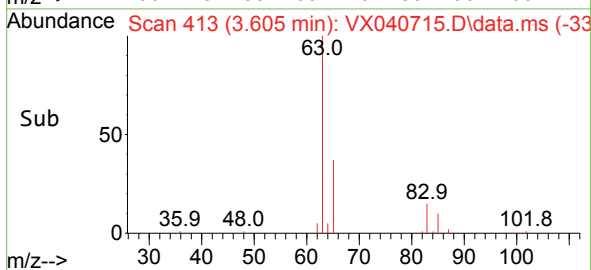
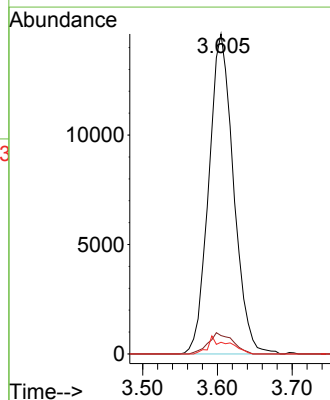
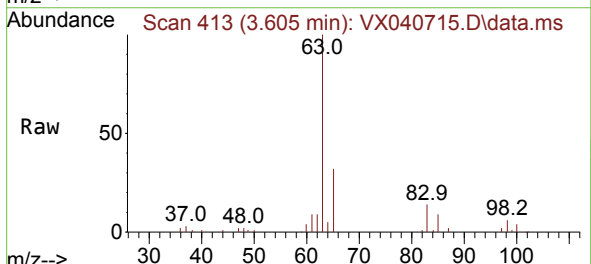
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

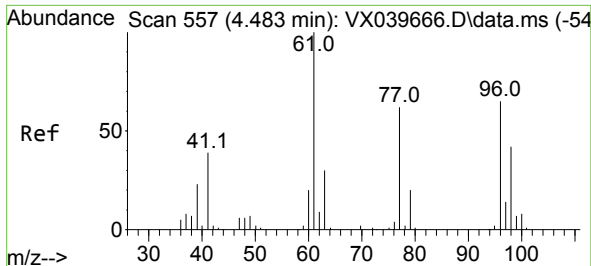
Tgt Ion:	45	Resp:	64221
Ion	Ratio	Lower	Upper
45	100		
43	97.3	67.7	101.5
87	27.3	21.5	32.3
59	10.9	10.9	16.3



#21
1,1-Dichloroethane
Concen: 18.691 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:	63	Resp:	33717
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.8
100	3.7	2.0	5.8





#22

cis-1,2-Dichloroethene

Concen: 18.438 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

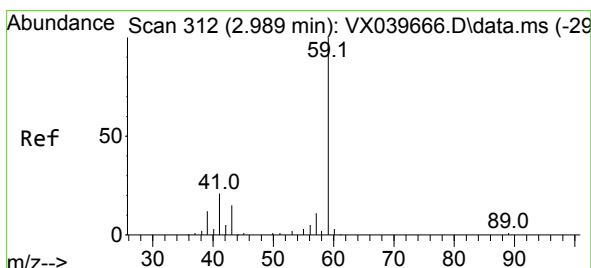
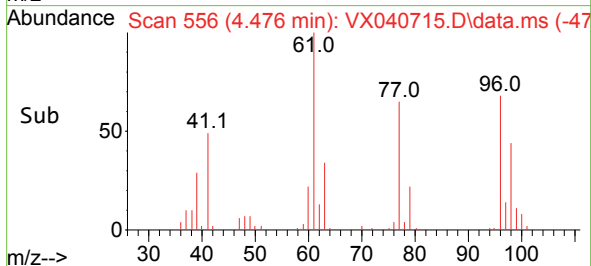
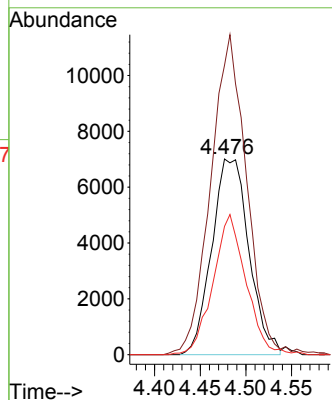
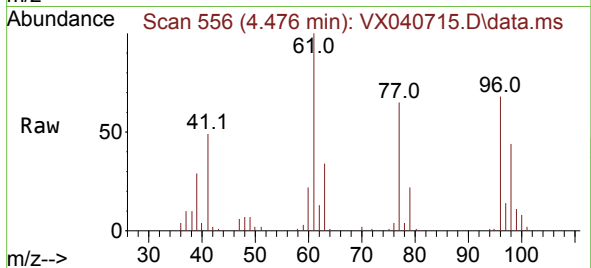
Tgt Ion: 96 Resp: 19856

Ion Ratio Lower Upper

96 100

61 157.3 119.8 179.6

98 63.4 50.9 76.3



#23

tert-Butyl Alcohol

Concen: 101.231 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX040715.D

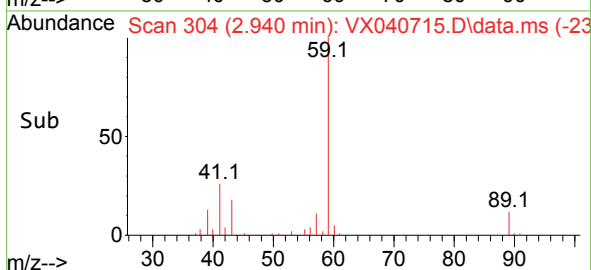
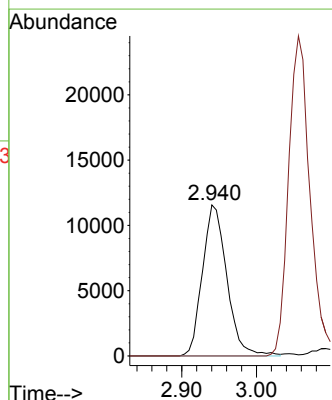
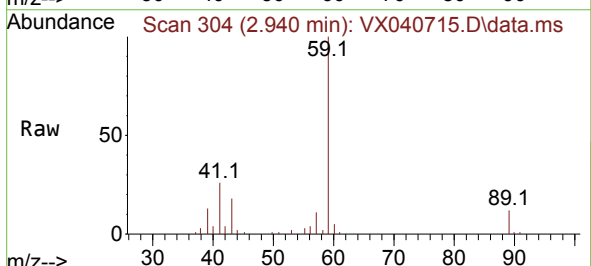
Acq: 19 Mar 2024 15:13

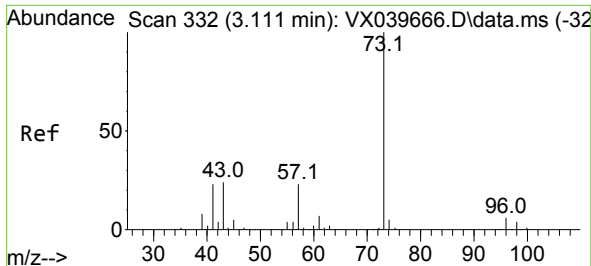
Tgt Ion: 59 Resp: 26352

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

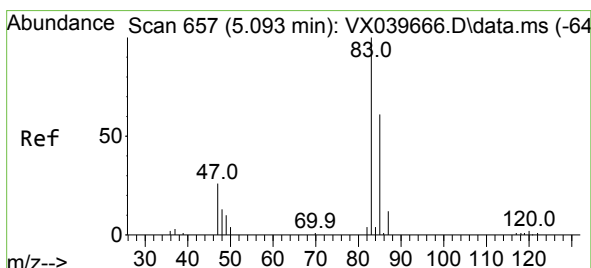
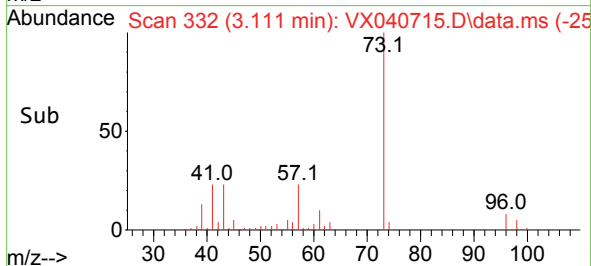
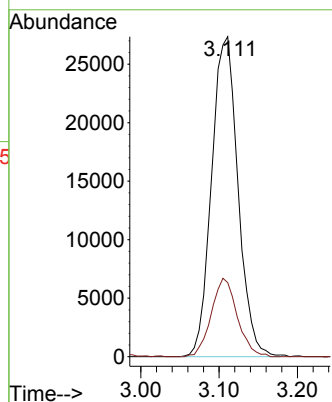
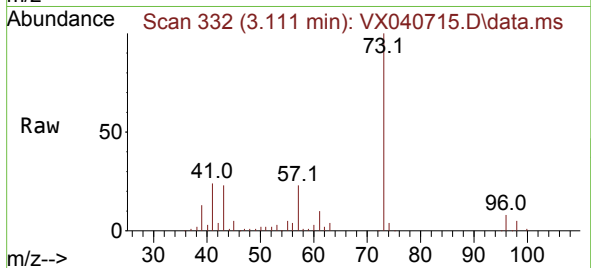




#24
Methyl tert-Butyl Ether
Concen: 20.464 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

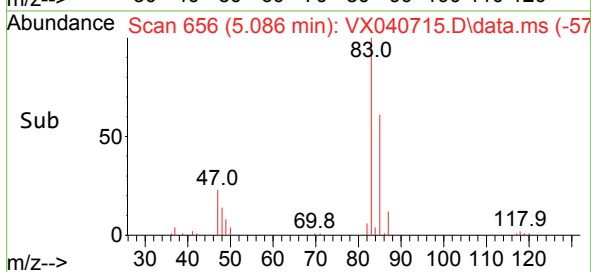
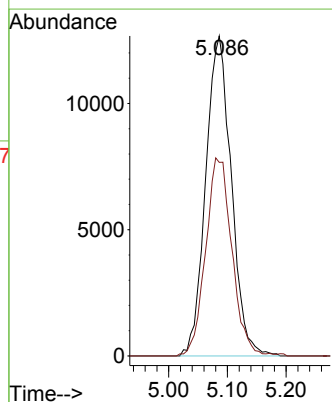
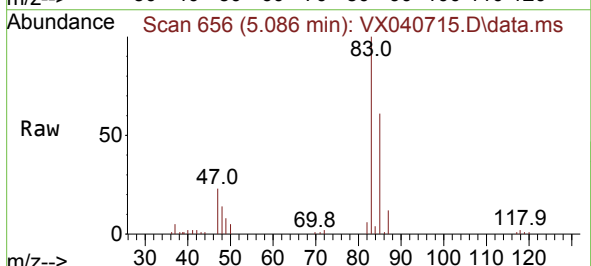
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

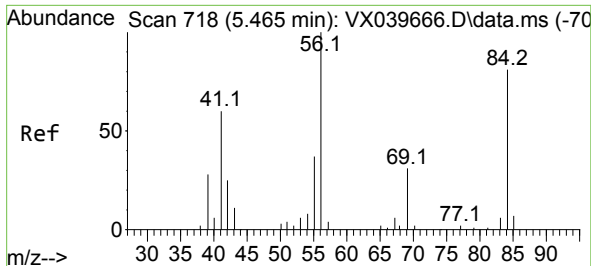
Tgt Ion: 73 Resp: 64149
Ion Ratio Lower Upper
73 100
43 24.1 17.0 25.6



#25
Chloroform
Concen: 19.475 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 83 Resp: 38452
Ion Ratio Lower Upper
83 100
85 59.9 54.6 81.8

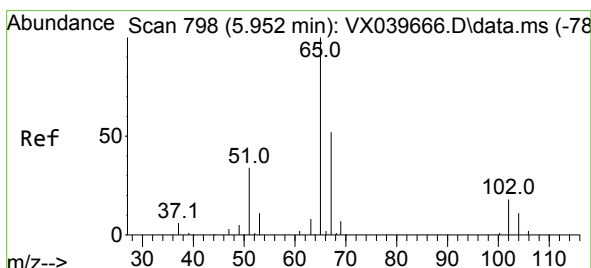
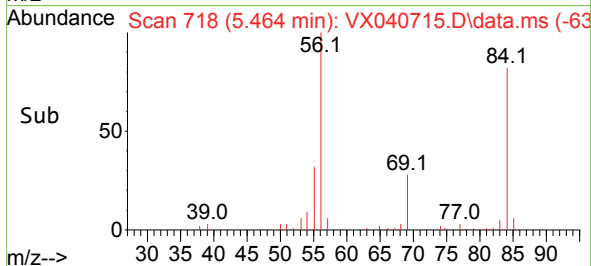
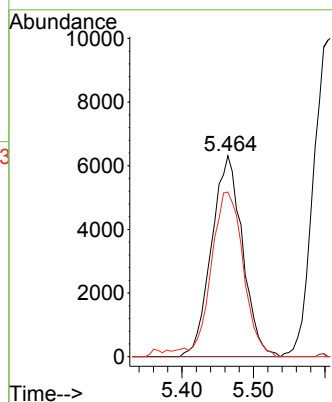
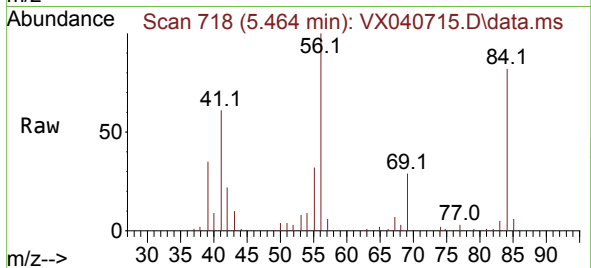




#26
Cyclohexane
Concen: 13.018 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

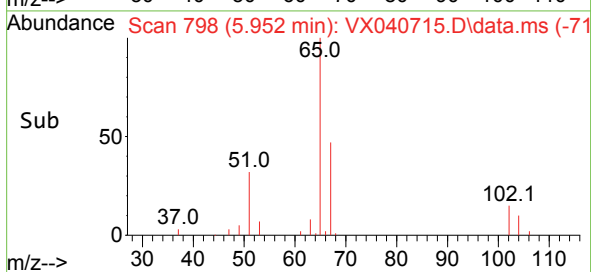
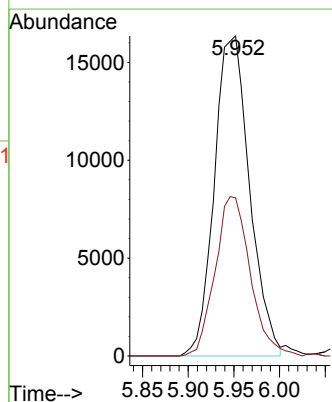
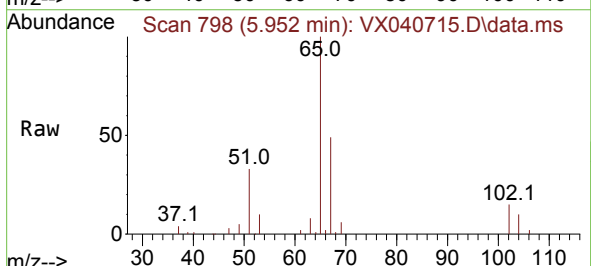
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

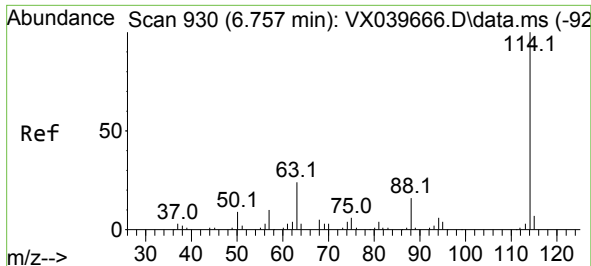
Tgt Ion: 56 Resp: 18952
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 67.2 100.8



#27
1,2-Dichloroethane-d4
Concen: 30.852 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 65 Resp: 43890
Ion Ratio Lower Upper
65 100
67 49.6 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

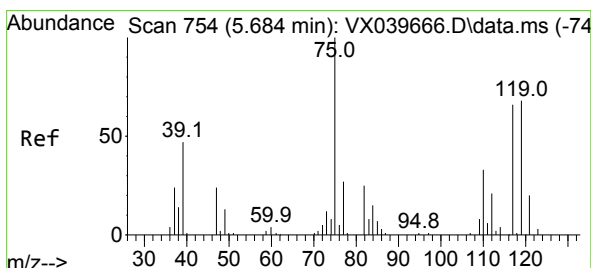
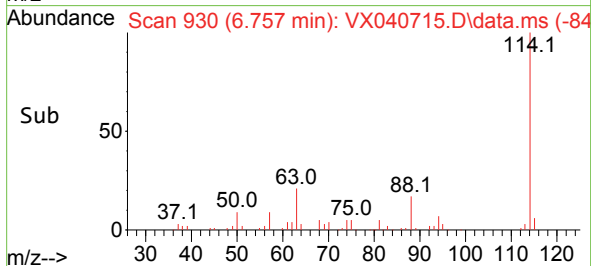
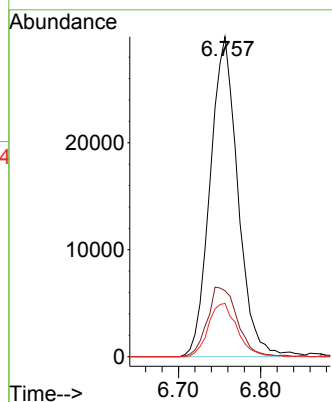
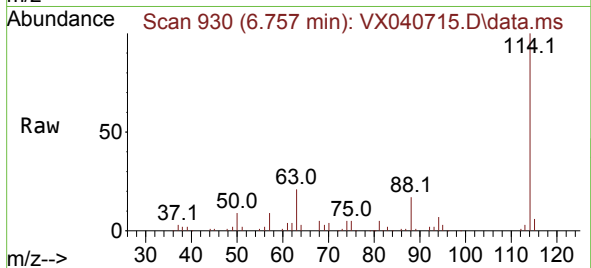
Tgt Ion:114 Resp: 69806

Ion Ratio Lower Upper

114 100

63 23.6 17.0 25.4

88 17.3 12.7 19.1



#29

1,1-Dichloropropene

Concen: 17.205 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

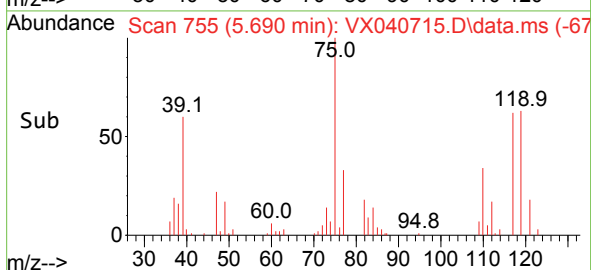
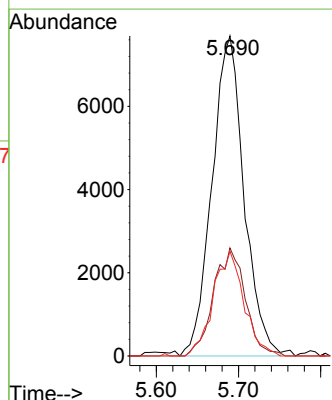
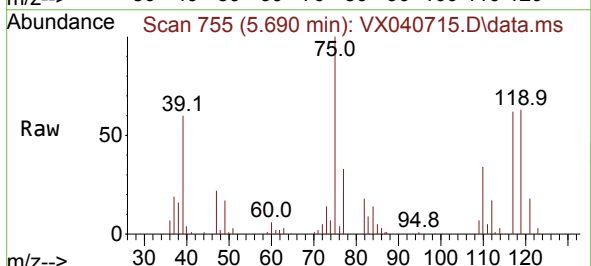
Tgt Ion: 75 Resp: 20789

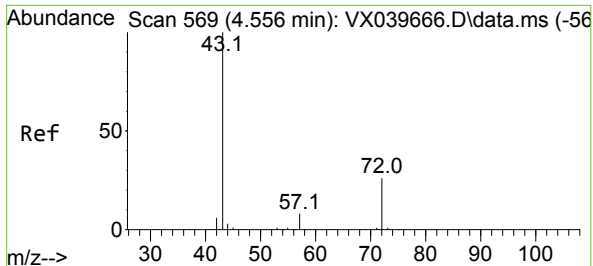
Ion Ratio Lower Upper

75 100

110 33.5 0.0 71.2

77 31.5 0.0 62.6

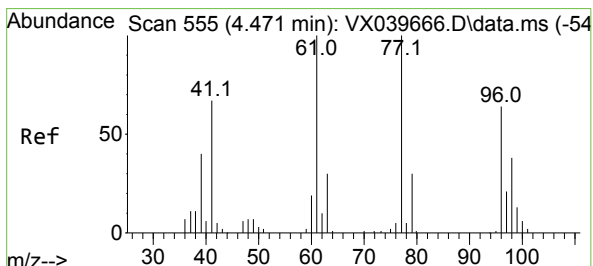
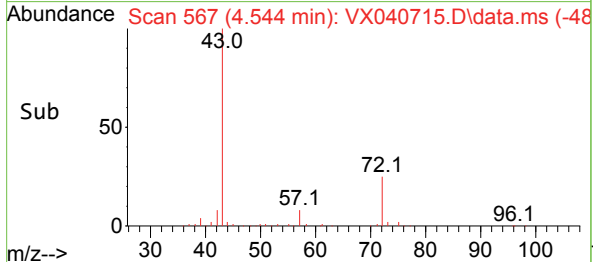
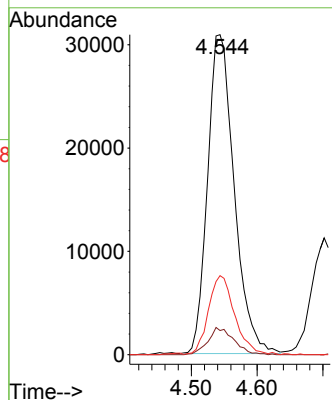
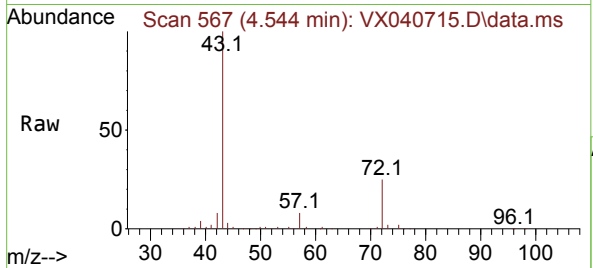




#30
2-Butanone
Concen: 117.952 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

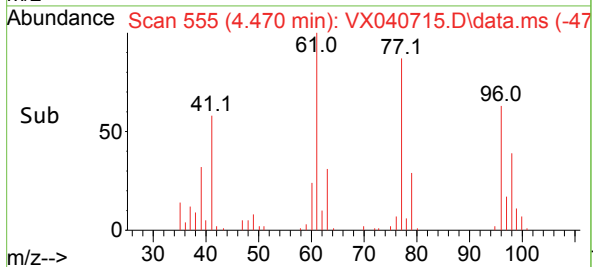
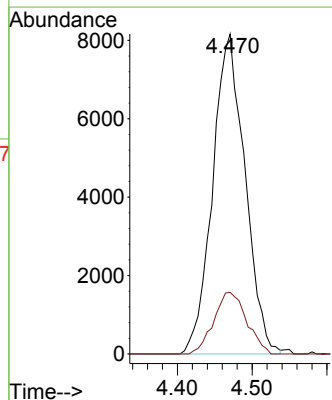
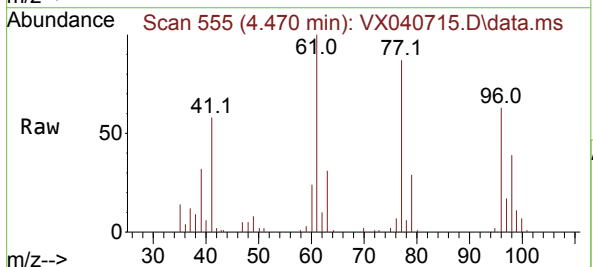
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

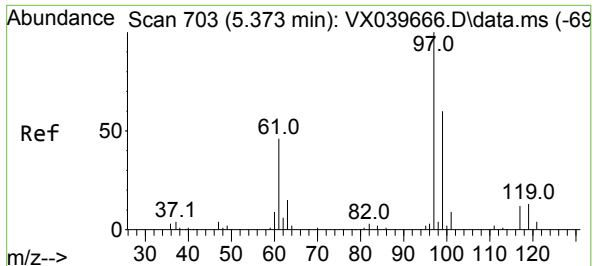
Tgt Ion: 43 Resp: 86969
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 24.3 20.6 31.0



#31
2,2-Dichloropropane
Concen: 18.830 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 77 Resp: 24556
Ion Ratio Lower Upper
77 100
97 19.6 18.2 27.4





#32

1,1,1-Trichloroethane

Concen: 18.404 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

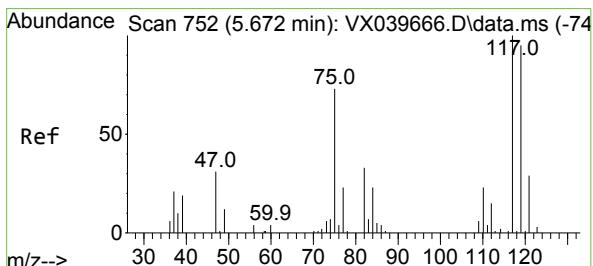
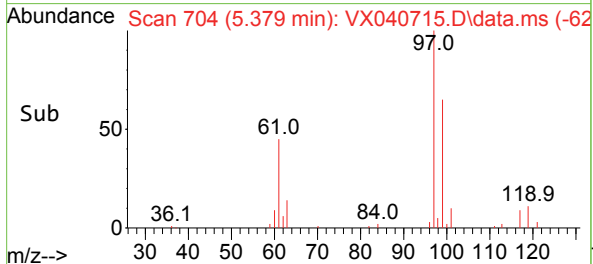
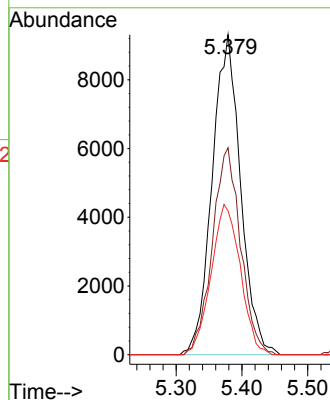
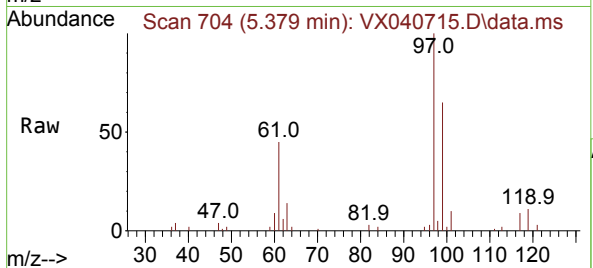
Tgt Ion: 97 Resp: 28021

Ion Ratio Lower Upper

97 100

99 64.2 52.6 79.0

61 48.4 36.9 55.3



#33

Carbon Tetrachloride

Concen: 17.650 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

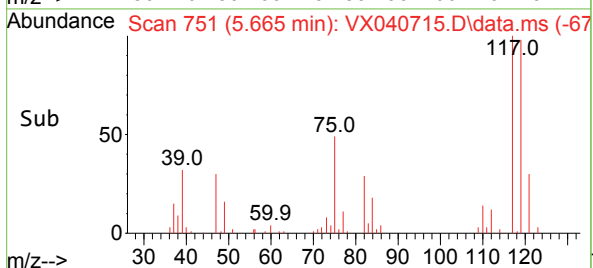
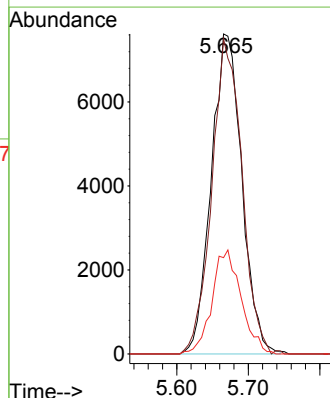
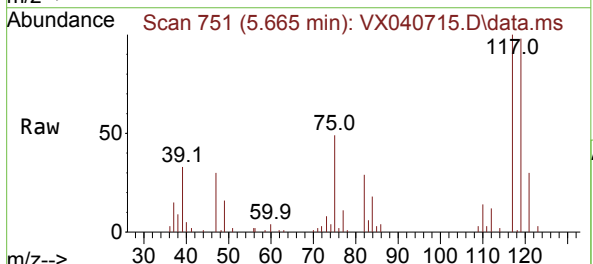
Tgt Ion:117 Resp: 22609

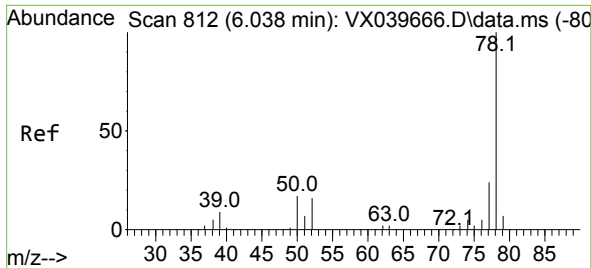
Ion Ratio Lower Upper

117 100

119 98.4 78.2 117.4

121 30.1 24.7 37.1

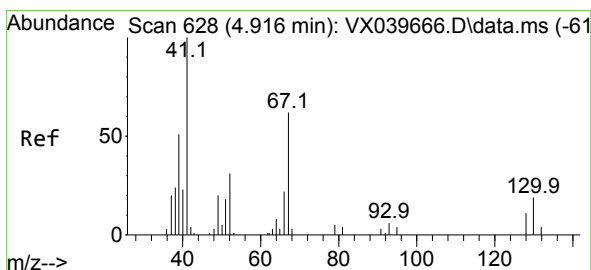
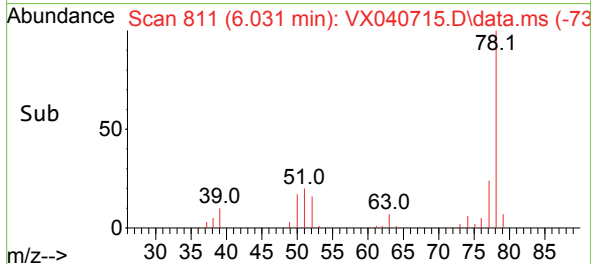
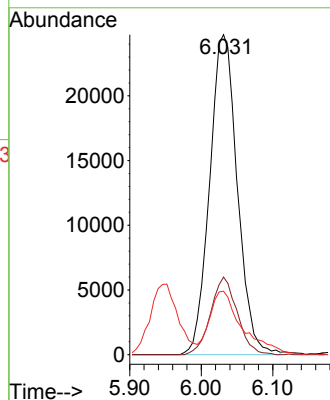
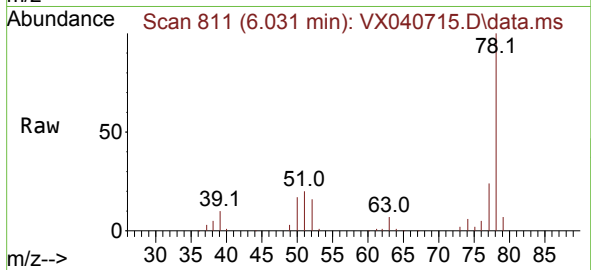




#34
Benzene
Concen: 20.382 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

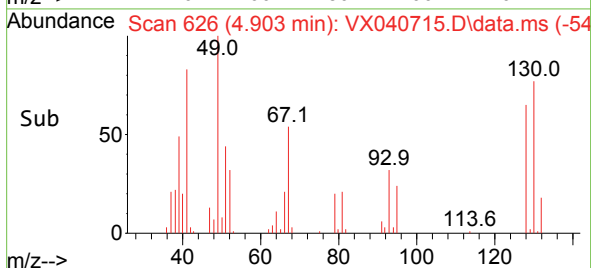
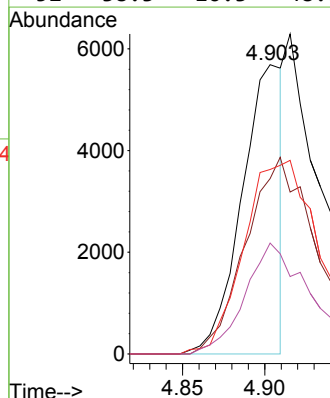
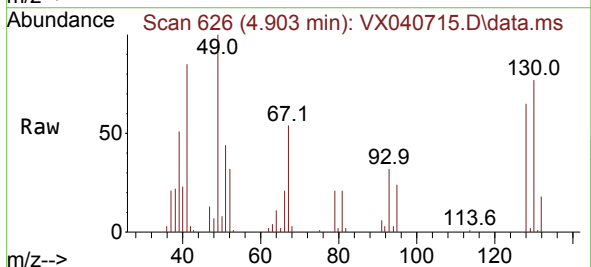
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

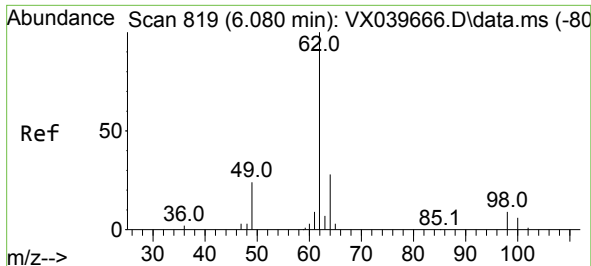
Tgt Ion: 78 Resp: 66484
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 18.2 14.4 21.6



#35
Methacrylonitrile
Concen: 12.975 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.013 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 41 Resp: 9821
Ion Ratio Lower Upper
41 100
39 60.6 28.2 84.7
67 63.8 34.5 103.5
52 38.3 16.3 48.8

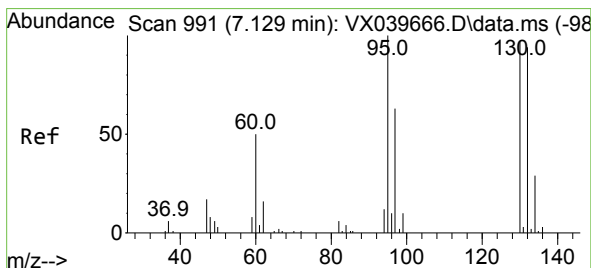
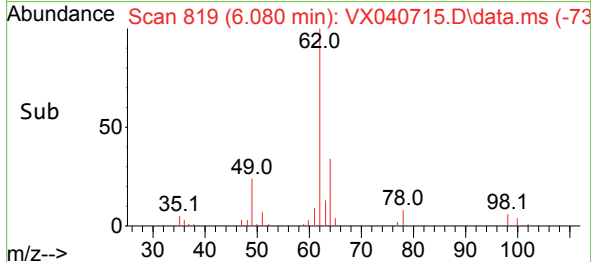
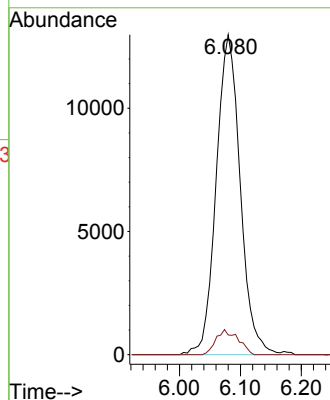
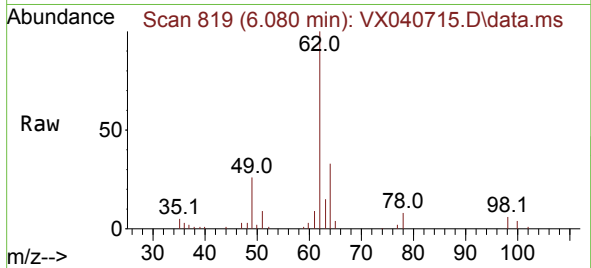




#36
1,2-Dichloroethane
Concen: 23.550 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

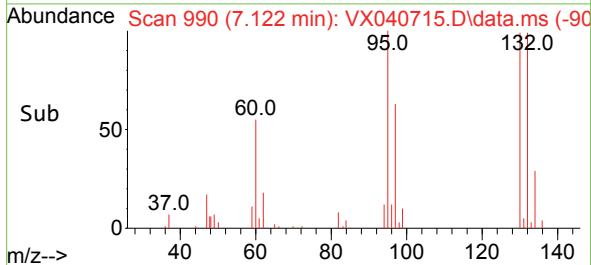
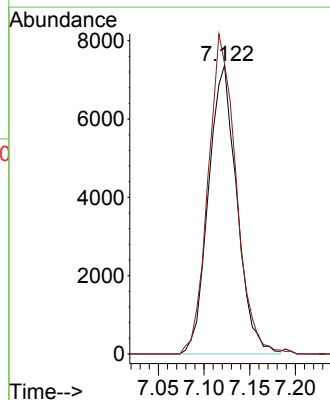
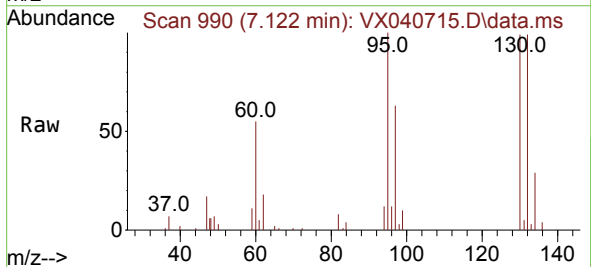
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

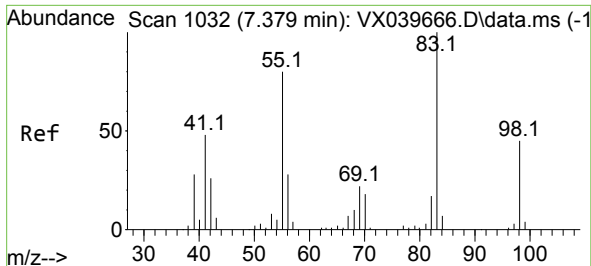
Tgt Ion: 62 Resp: 35517
Ion Ratio Lower Upper
62 100
98 5.0 7.0 10.4#



#37
Trichloroethene
Concen: 18.190 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:130 Resp: 15944
Ion Ratio Lower Upper
130 100
95 100.6 85.8 128.8

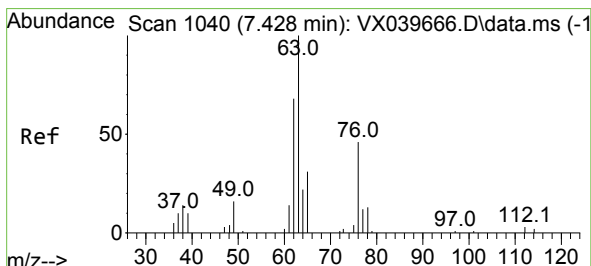
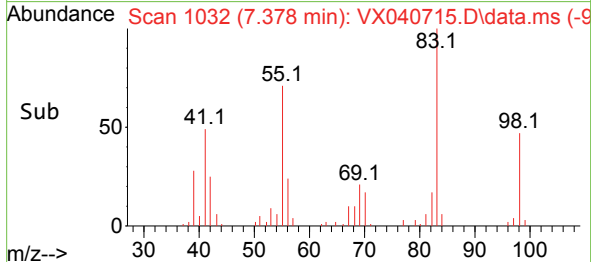
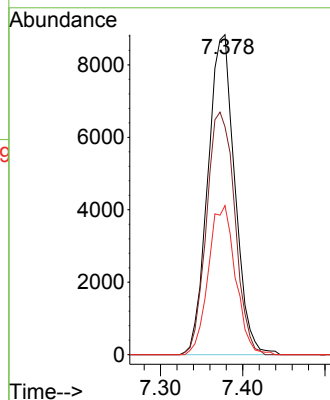
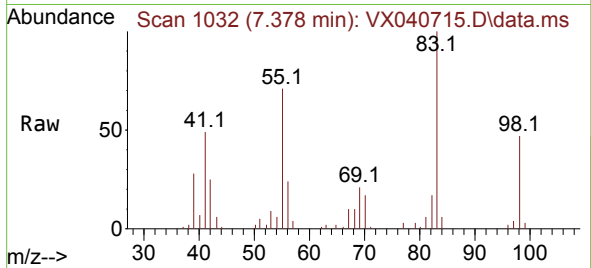




#38
Methylcyclohexane
Concen: 15.476 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

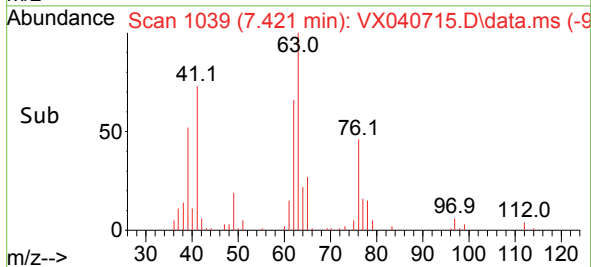
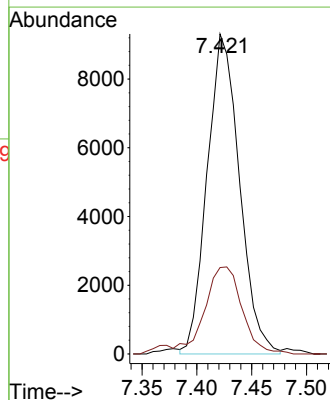
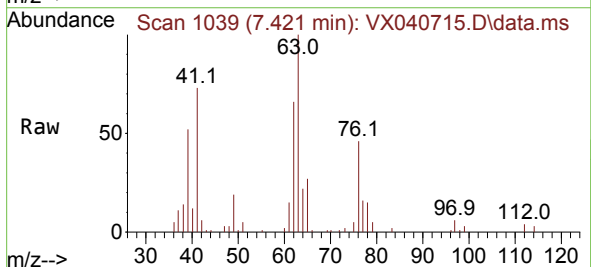
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

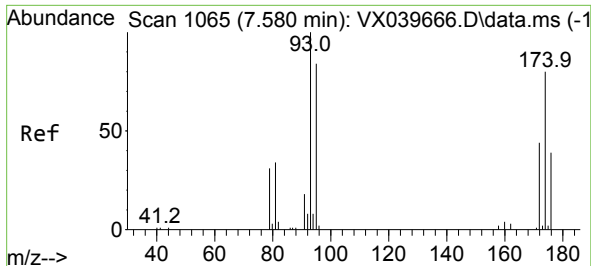
Tgt Ion:	83	Resp:	20136
Ion	Ratio	Lower	Upper
83	100		
55	79.3	38.6	116.0
98	46.8	22.3	66.8



#39
1,2-Dichloropropane
Concen: 22.984 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:	63	Resp:	19088
Ion	Ratio	Lower	Upper
63	100		
65	26.4	24.6	37.0

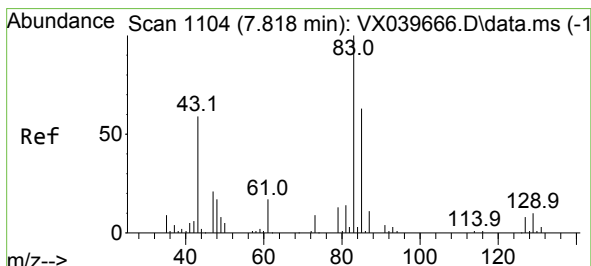
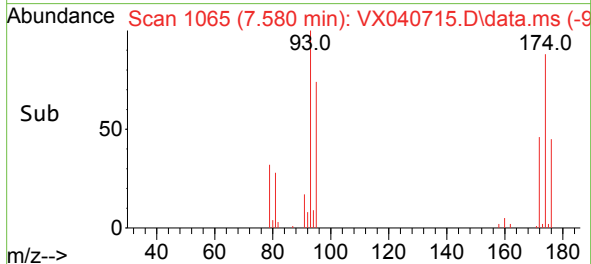
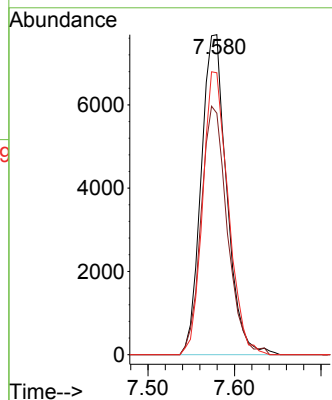
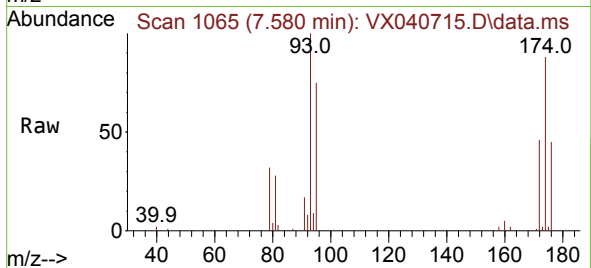




#40
Dibromomethane
Concen: 24.174 ug/l
RT: 7.580 min Scan# 11065
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

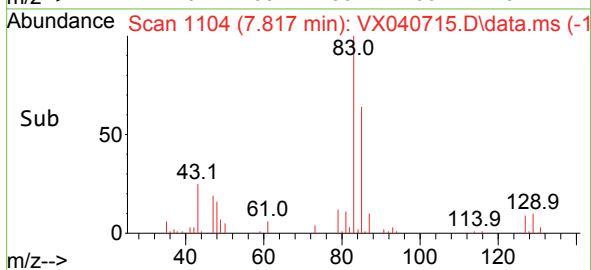
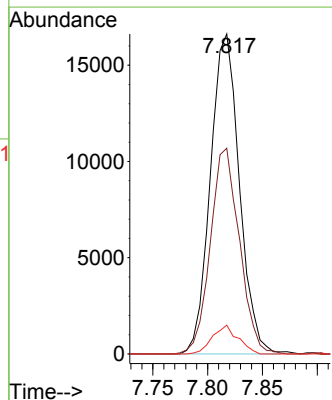
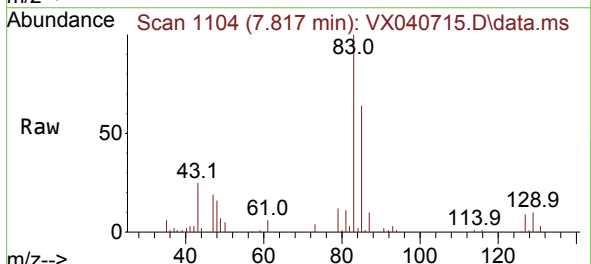
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

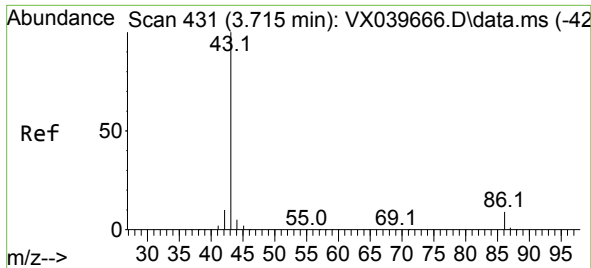
Tgt Ion: 93 Resp: 15772
Ion Ratio Lower Upper
93 100
95 78.4 0.0 163.4
174 88.1 0.0 166.4



#41
Bromodichloromethane
Concen: 23.538 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 83 Resp: 30552
Ion Ratio Lower Upper
83 100
85 64.0 50.8 76.2
127 9.0 5.9 8.9#

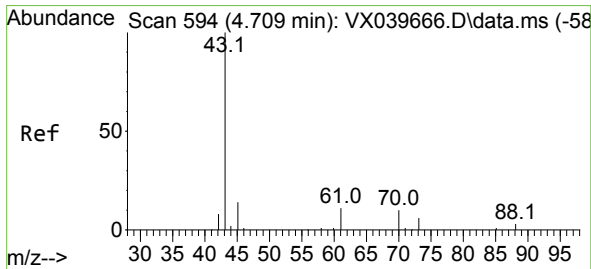
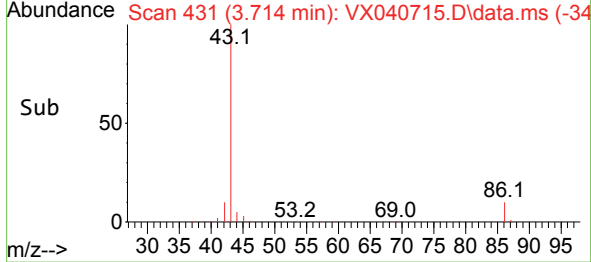
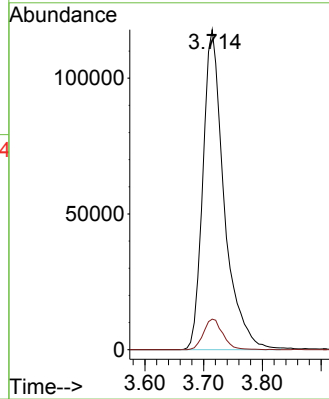
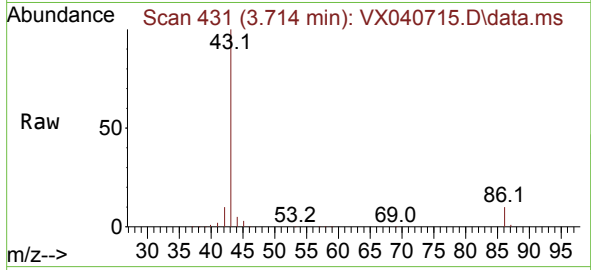




#42
Vinyl Acetate
Concen: 116.722 ug/l
RT: 3.714 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

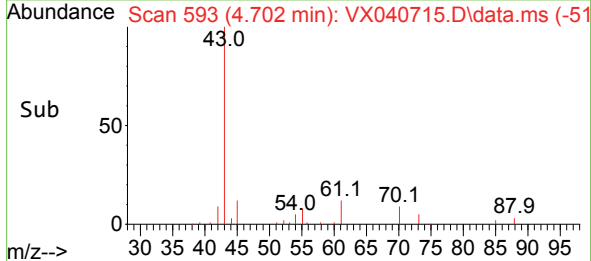
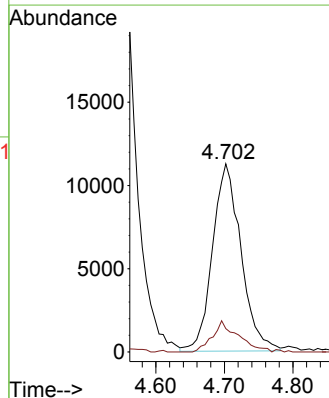
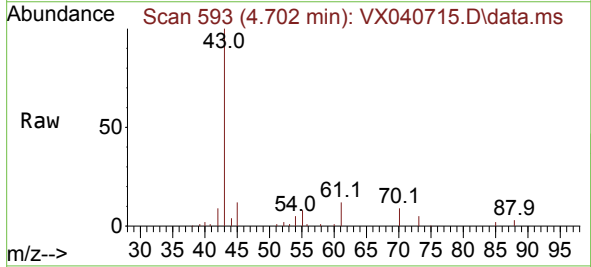
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

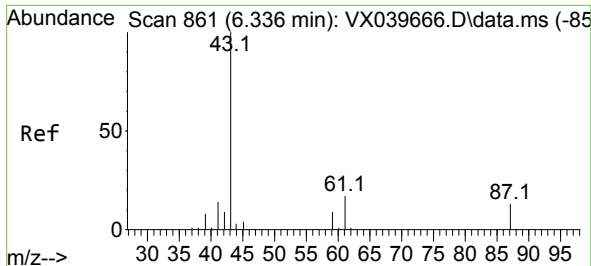
Tgt Ion: 43 Resp: 296311
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1



#43
Ethyl Acetate
Concen: 23.422 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 43 Resp: 32524
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

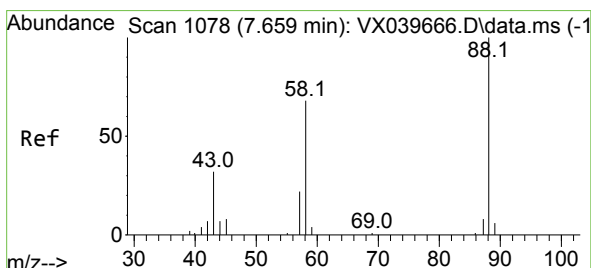
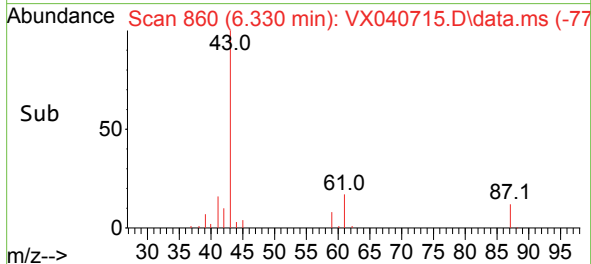
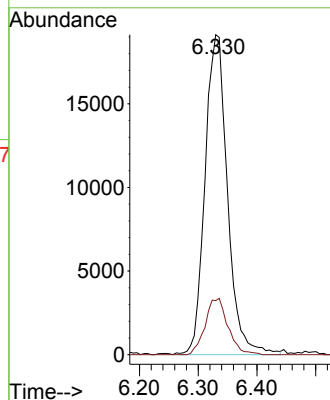
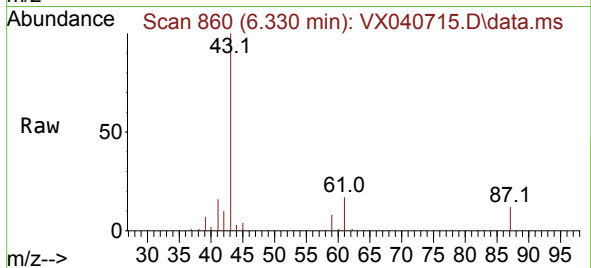




#44
Isopropyl Acetate
Concen: 22.949 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

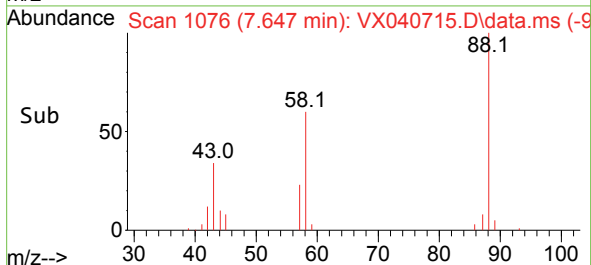
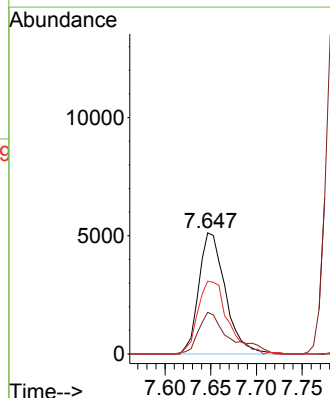
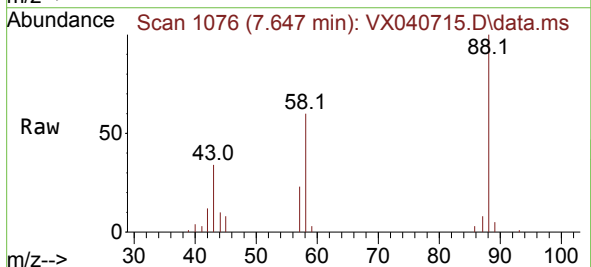
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

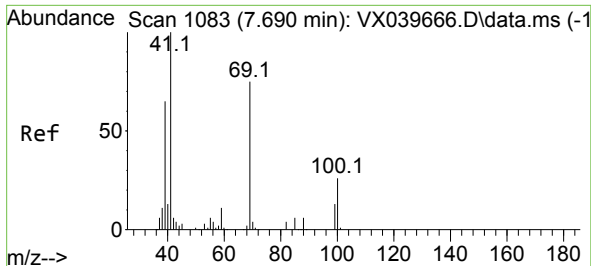
Tgt Ion: 43 Resp: 50869
Ion Ratio Lower Upper
43 100
61 17.8 15.6 23.4



#45
1,4-Dioxane
Concen: 455.699 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 88 Resp: 10383
Ion Ratio Lower Upper
88 100
43 39.5 28.1 42.1
58 66.9 57.7 86.5

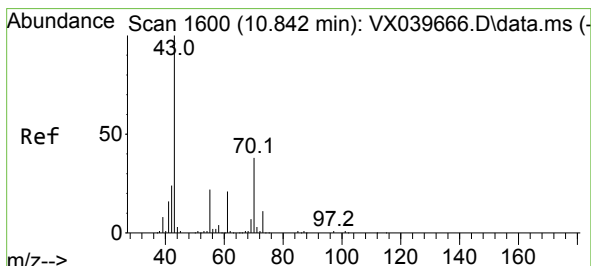
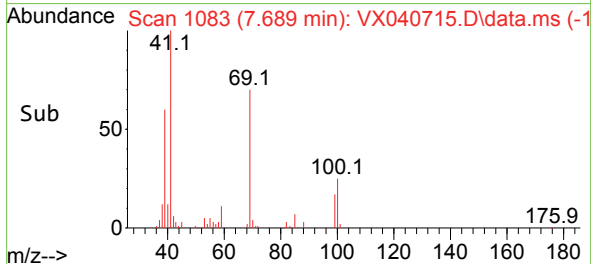
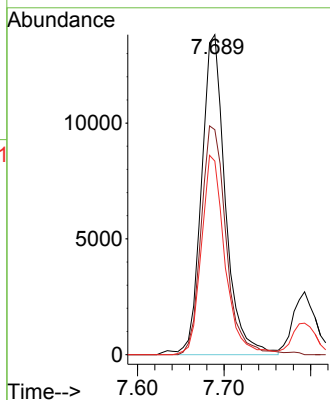
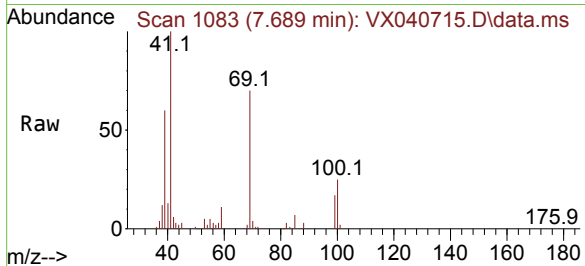




#46
Methyl methacrylate
Concen: 23.901 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

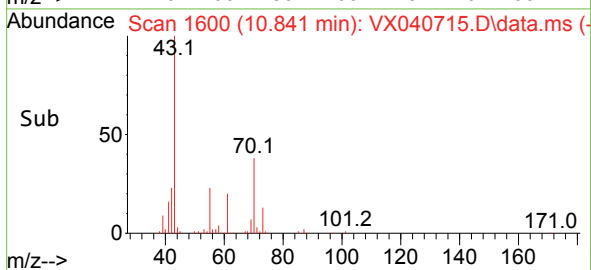
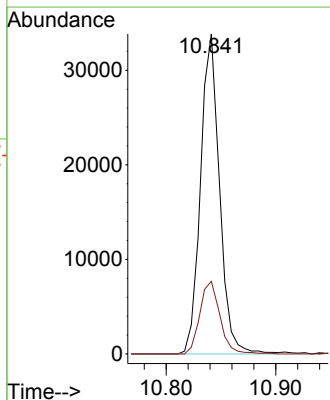
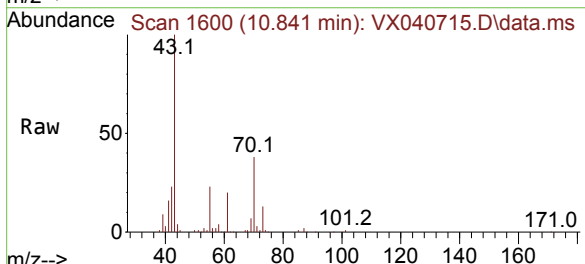
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

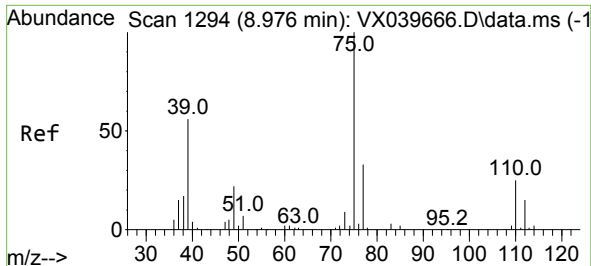
Tgt Ion: 41 Resp: 26313
Ion Ratio Lower Upper
41 100
69 71.0 39.6 118.8
39 60.7 30.1 90.3



#47
n-amy1 Acetate
Concen: 21.329 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 43 Resp: 40747
Ion Ratio Lower Upper
43 100
55 24.1 18.2 27.2

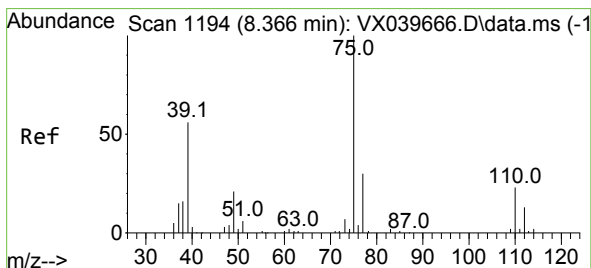
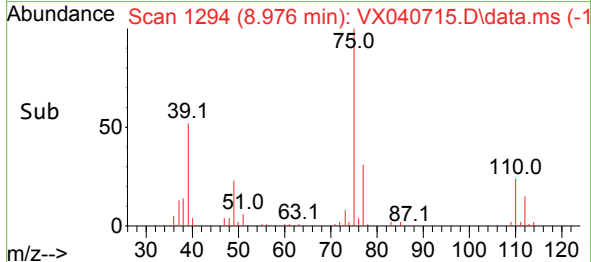
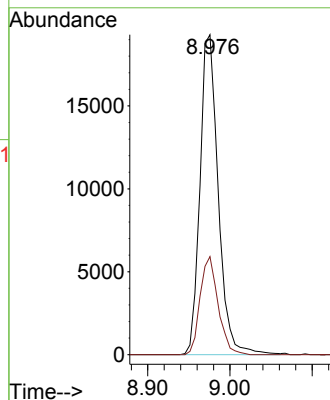
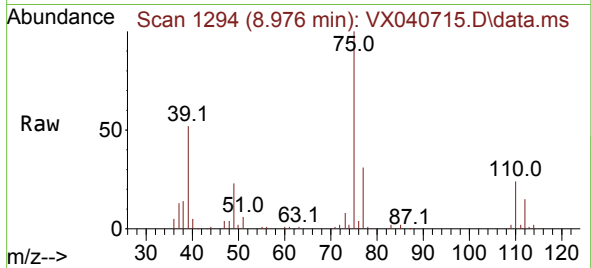




#48
 t-1,3-Dichloropropene
 Concen: 21.719 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX040715.D
 Acq: 19 Mar 2024 15:13

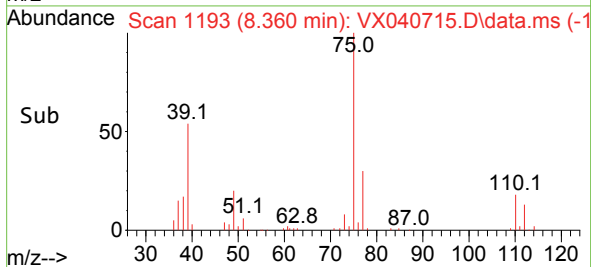
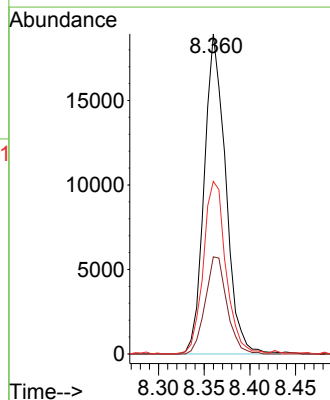
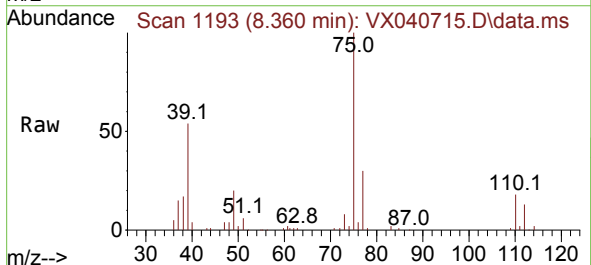
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

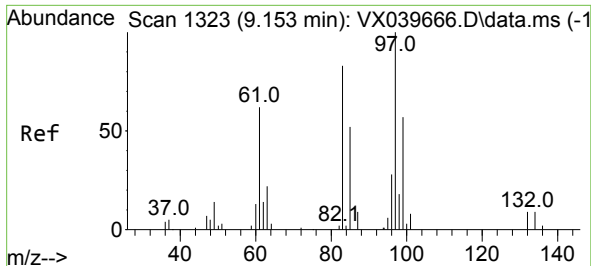
Tgt Ion: 75 Resp: 29796
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.8 40.2



#49
 cis-1,3-Dichloropropene
 Concen: 22.055 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX040715.D
 Acq: 19 Mar 2024 15:13

Tgt Ion: 75 Resp: 30823
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.4 36.6
 39 53.6 40.6 60.8





#50

1,1,2-Trichloroethane

Concen: 23.774 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 97 Resp: 20604

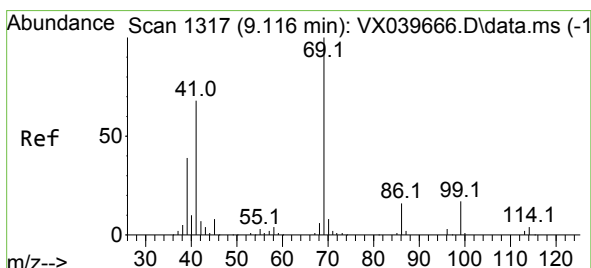
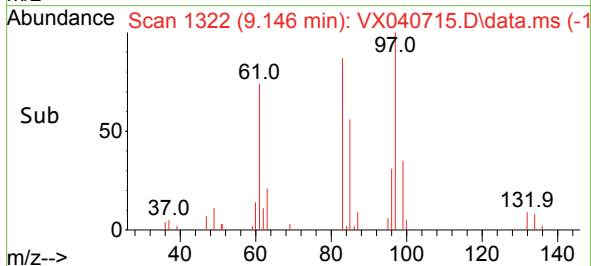
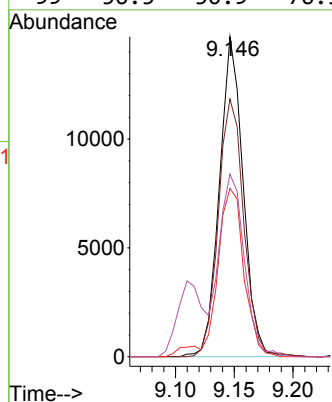
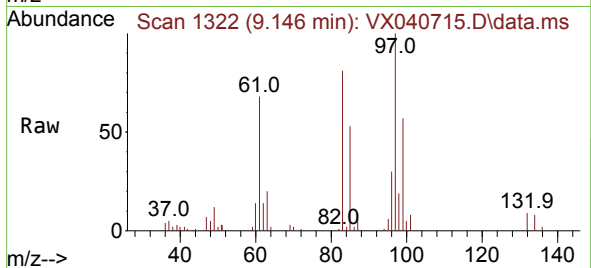
Ion Ratio Lower Upper

97 100

83 80.5 69.0 103.6

85 52.6 46.3 69.5

99 56.5 50.9 76.3



#51

Ethyl methacrylate

Concen: 22.847 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

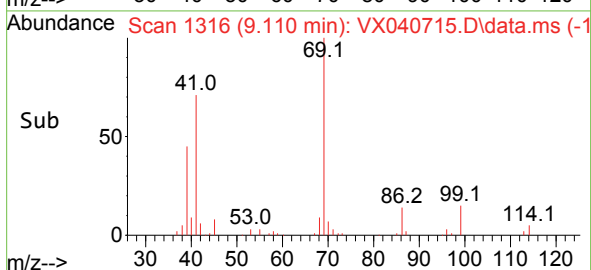
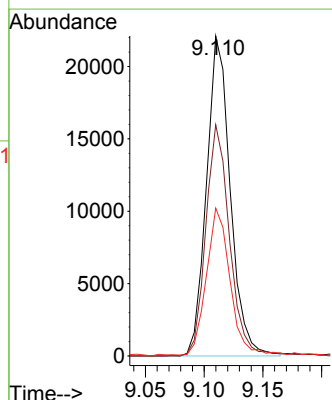
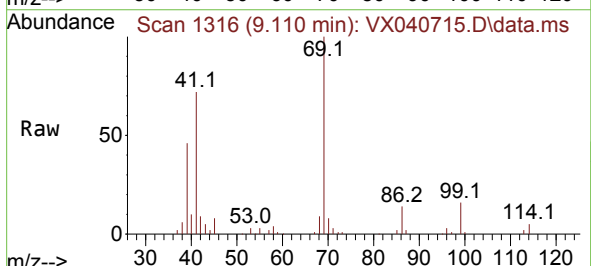
Tgt Ion: 69 Resp: 31172

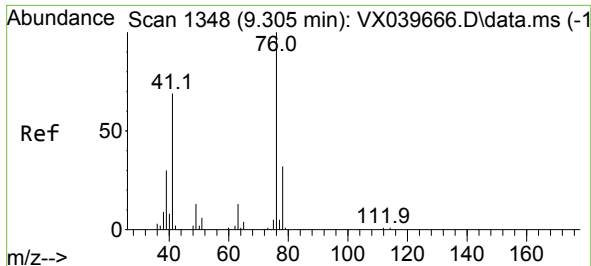
Ion Ratio Lower Upper

69 100

41 72.3 36.2 108.6

39 45.9 21.1 63.4





#52

1,3-Dichloropropane

Concen: 23.033 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

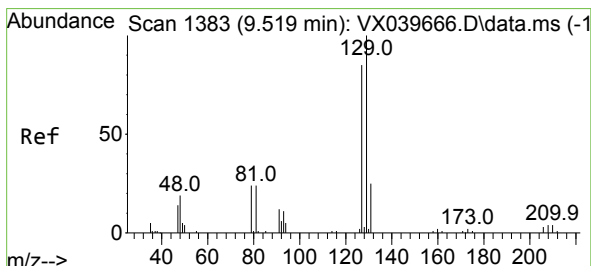
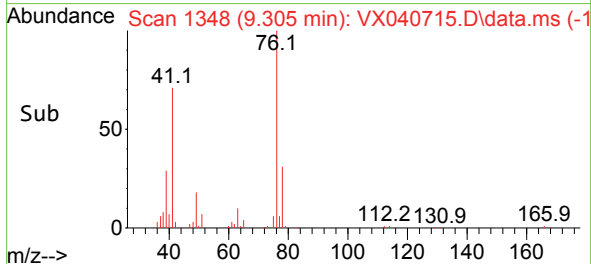
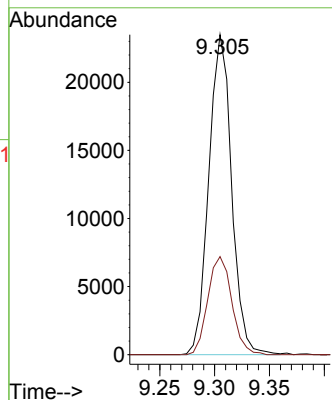
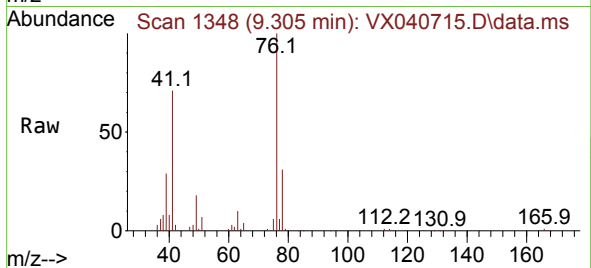
VSTDCCC020EC

Tgt Ion: 76 Resp: 34061

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.0



#53

Dibromochloromethane

Concen: 22.450 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX040715.D

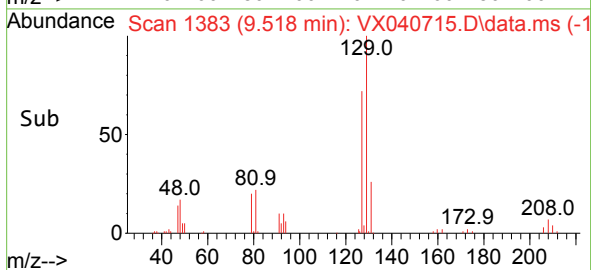
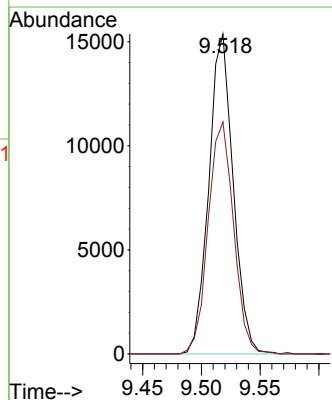
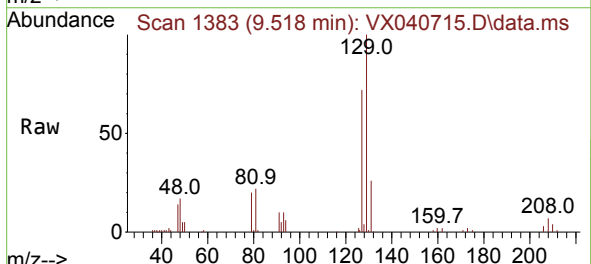
Acq: 19 Mar 2024 15:13

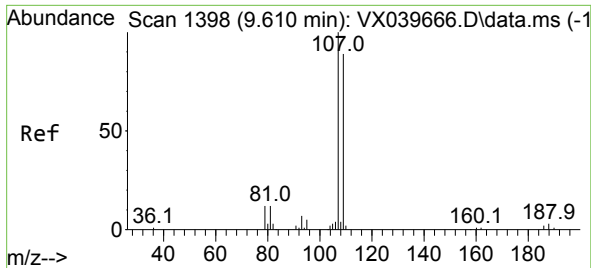
Tgt Ion: 129 Resp: 22179

Ion Ratio Lower Upper

129 100

127 75.7 38.3 114.9

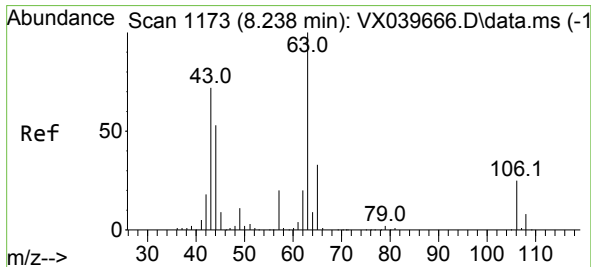
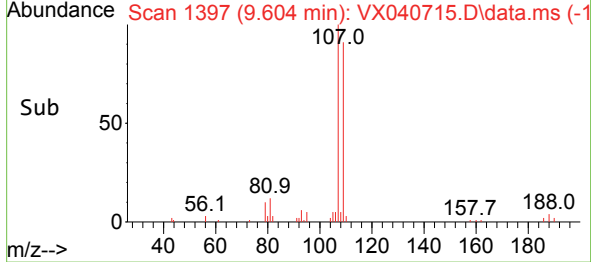
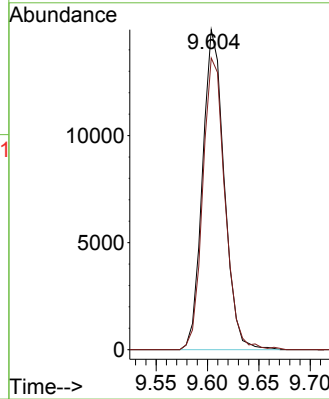
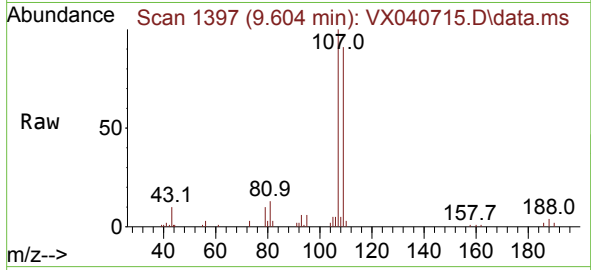




#54
1,2-Dibromoethane
Concen: 22.893 ug/l
RT: 9.604 min Scan# 11397
Delta R.T. -0.006 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

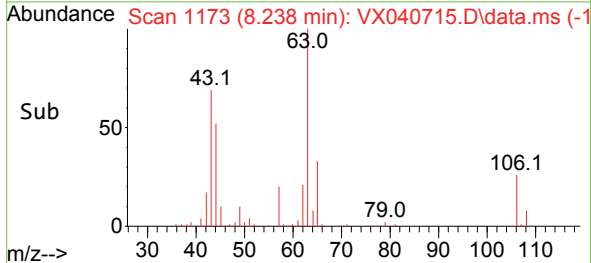
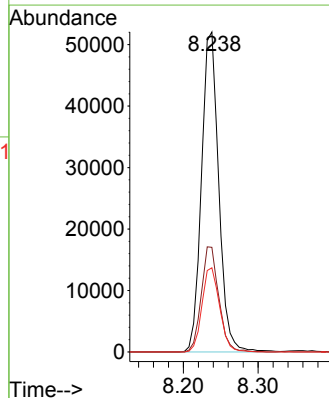
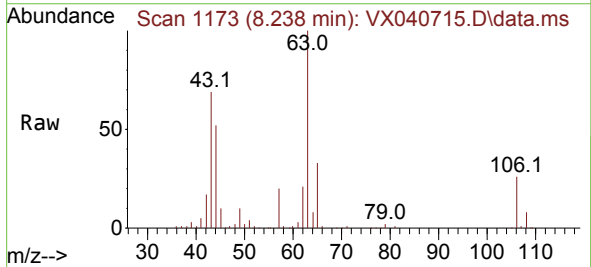
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

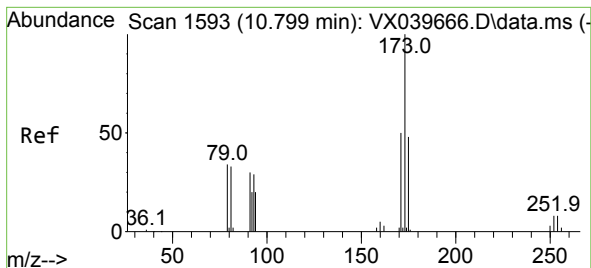
Tgt Ion:107 Resp: 21953
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7



#55
2-Chloroethyl vinyl ether
Concen: 120.236 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 63 Resp: 83542
Ion Ratio Lower Upper
63 100
65 33.2 25.8 38.6
106 26.9 20.6 31.0





#56

Bromoform

Concen: 23.324 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

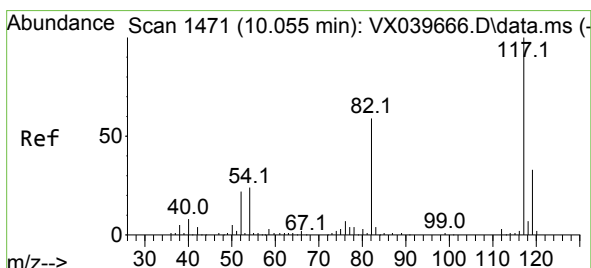
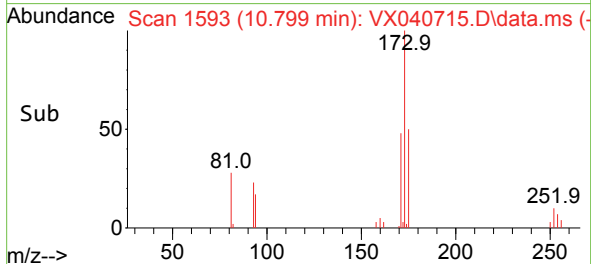
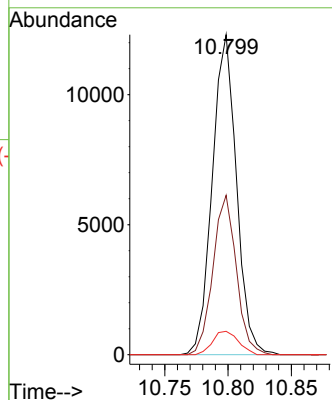
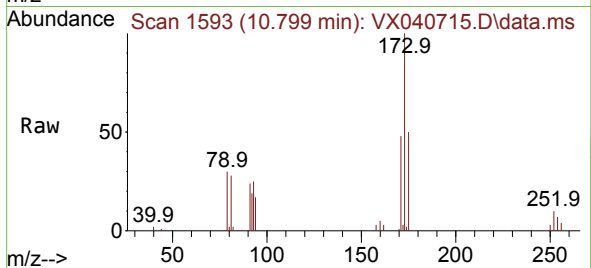
Tgt Ion:173 Resp: 16344

Ion Ratio Lower Upper

173 100

175 48.1 37.6 56.4

254 7.8 5.8 8.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

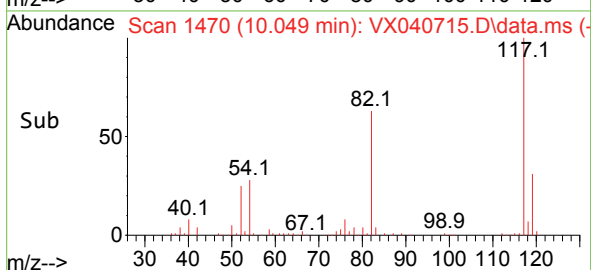
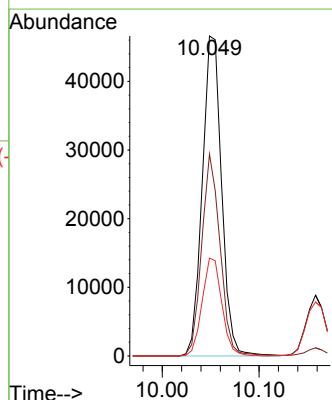
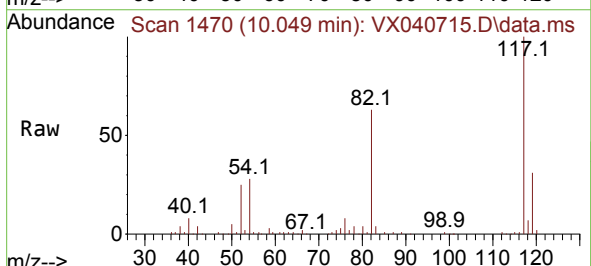
Tgt Ion:117 Resp: 64985

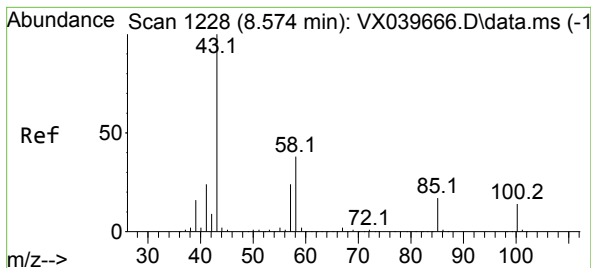
Ion Ratio Lower Upper

117 100

82 59.9 47.0 70.6

119 31.2 25.2 37.8





#58

4-Methyl-2-Pentanone

Concen: 122.890 ug/l

RT: 8.567 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

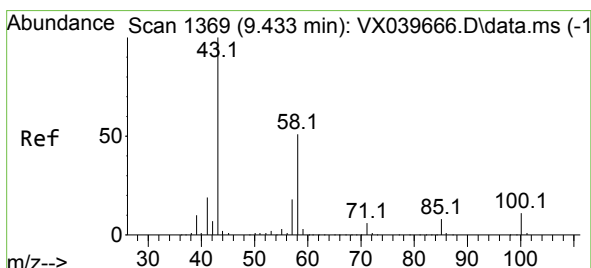
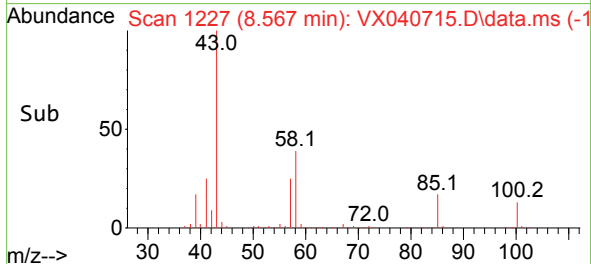
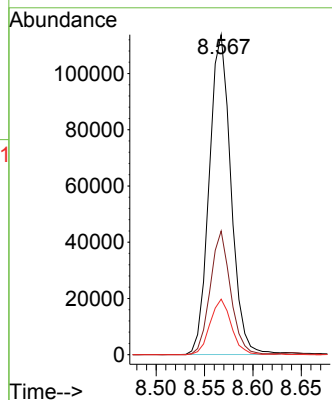
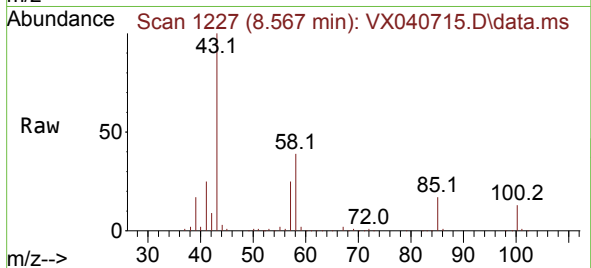
Tgt Ion: 43 Resp: 177828

Ion Ratio Lower Upper

43 100

58 36.3 30.1 45.1

85 17.0 13.9 20.9



#59

2-Hexanone

Concen: 116.056 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

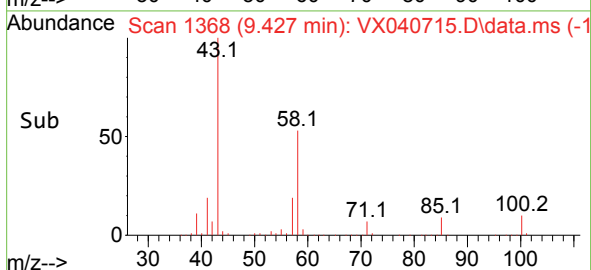
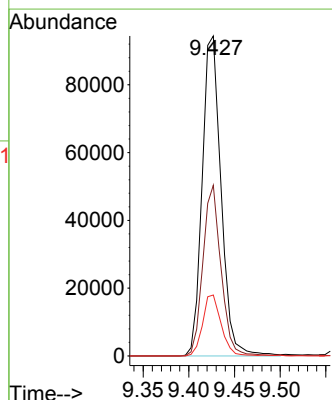
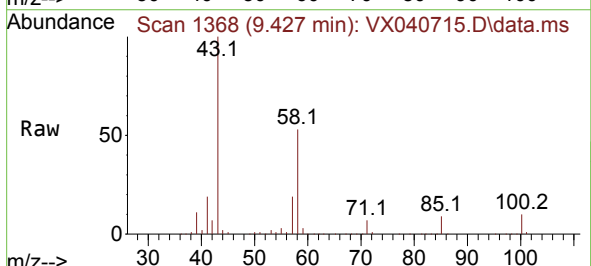
Tgt Ion: 43 Resp: 135651

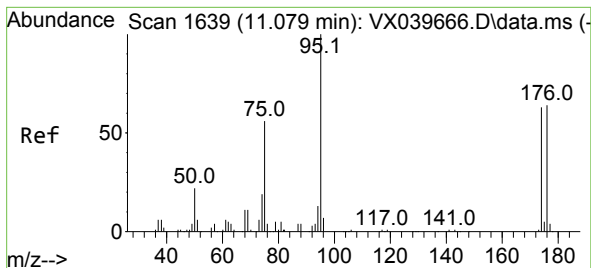
Ion Ratio Lower Upper

43 100

58 51.0 42.7 64.1

57 18.7 14.8 22.2

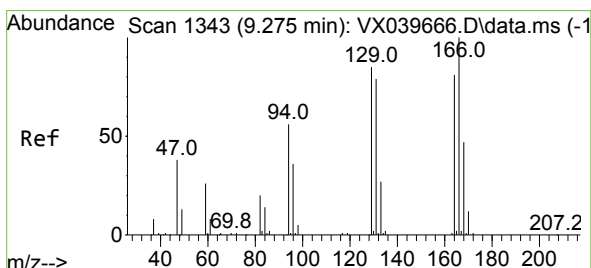
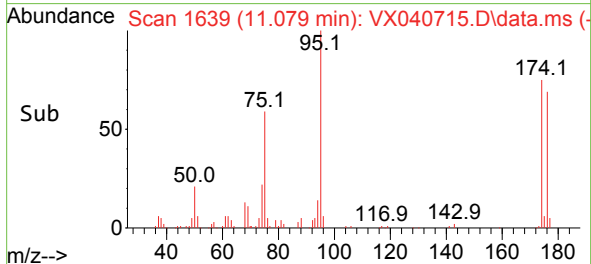
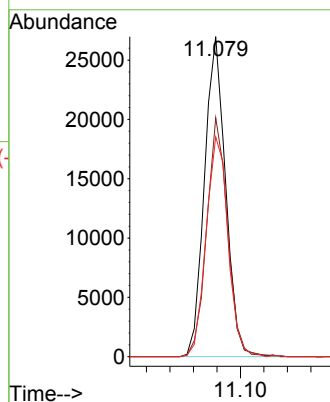
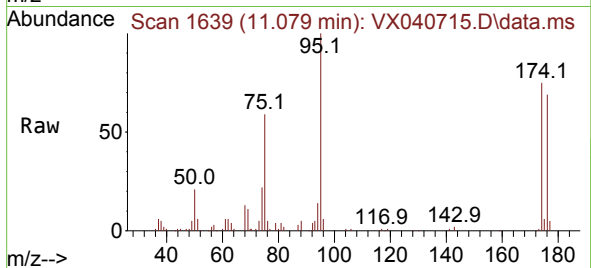




#60
4-Bromofluorobenzene
Concen: 30.105 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

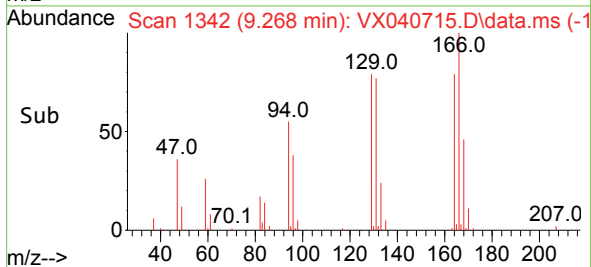
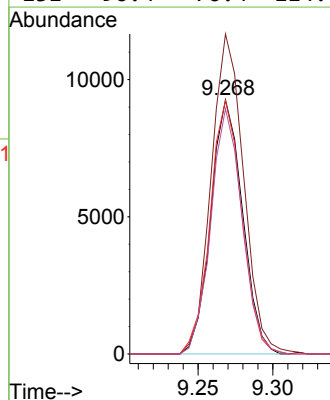
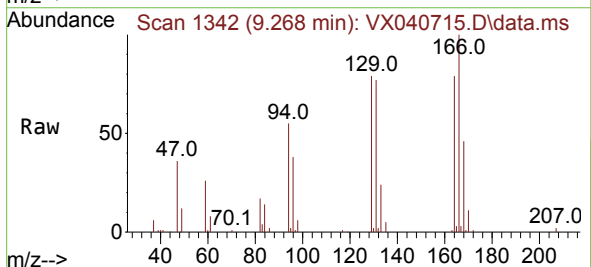
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

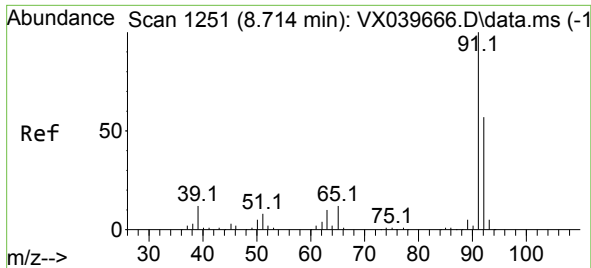
Tgt Ion: 95 Resp: 33558
Ion Ratio Lower Upper
95 100
174 73.5 55.4 83.2
176 71.3 52.6 78.8



#61
Tetrachloroethene
Concen: 17.700 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 164 Resp: 13652
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 99.7 82.0 123.0
131 96.4 76.4 114.6

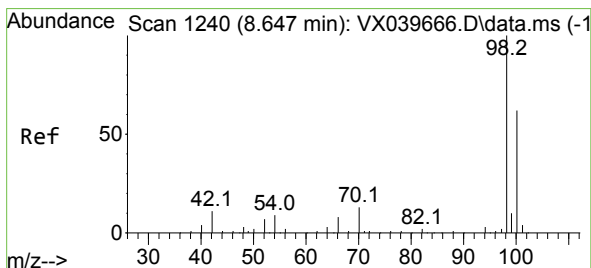
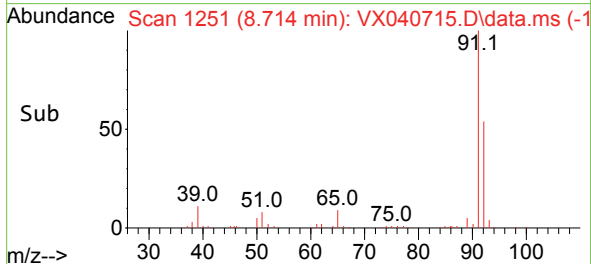
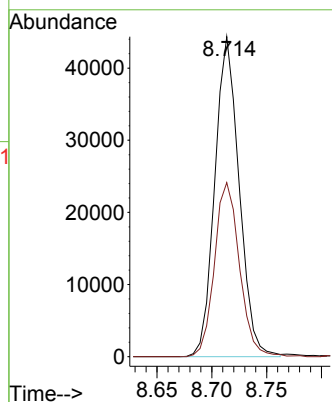
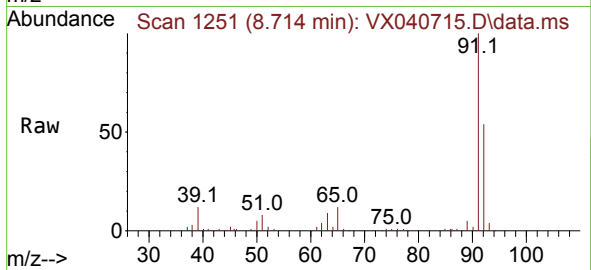




#62
Toluene
Concen: 19.129 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

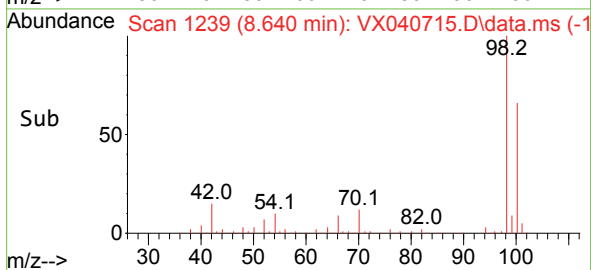
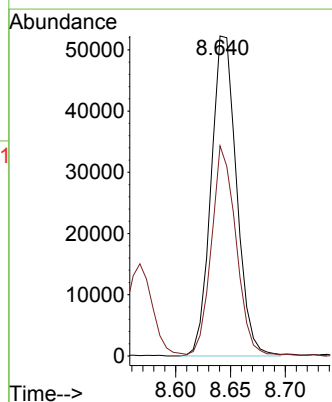
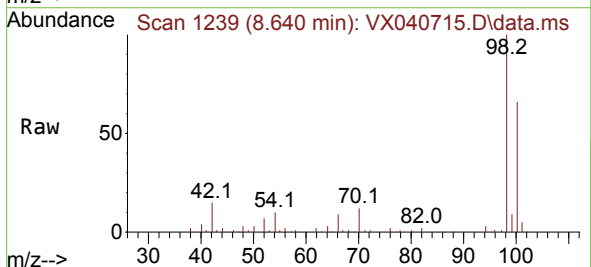
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

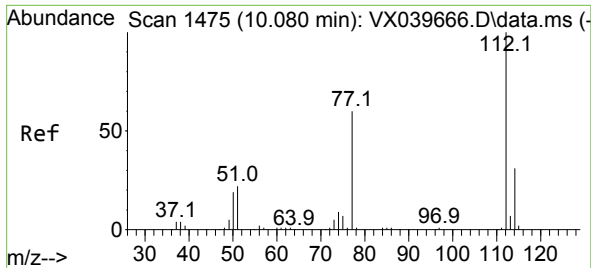
Tgt Ion: 91 Resp: 68465
Ion Ratio Lower Upper
91 100
92 55.9 45.9 68.9



#63
Toluene-d8
Concen: 29.474 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. -0.007 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 98 Resp: 84646
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4

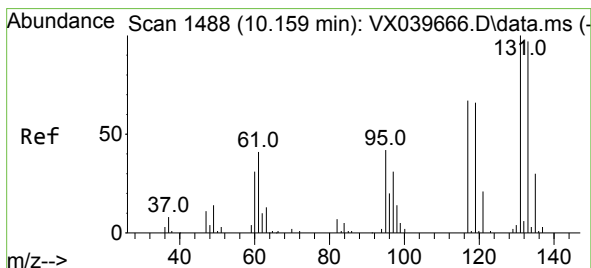
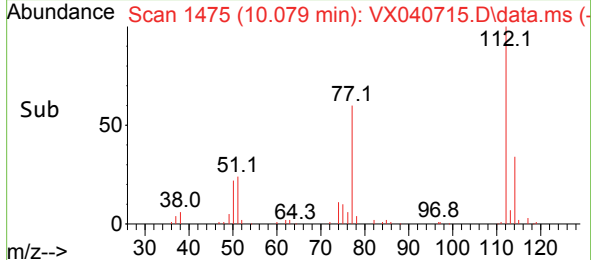
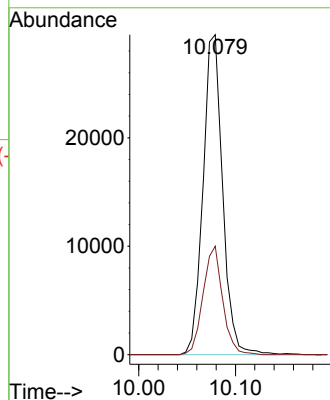
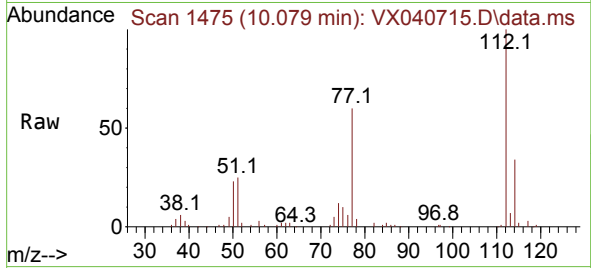




#64
Chlorobenzene
Concen: 19.064 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

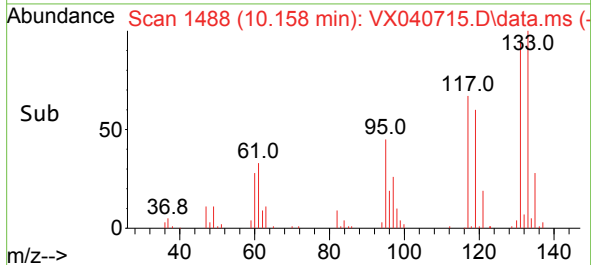
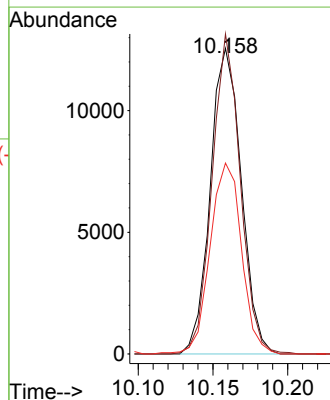
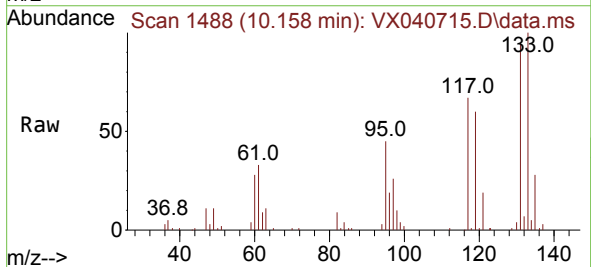
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

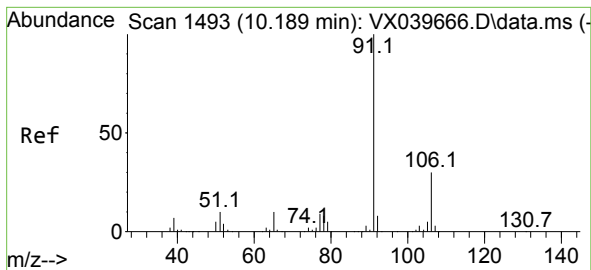
Tgt Ion:112 Resp: 41703
Ion Ratio Lower Upper
112 100
114 33.9 25.9 38.9



#65
1,1,1,2-Tetrachloroethane
Concen: 21.734 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:131 Resp: 18134
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.8
119 63.2 0.0 135.4

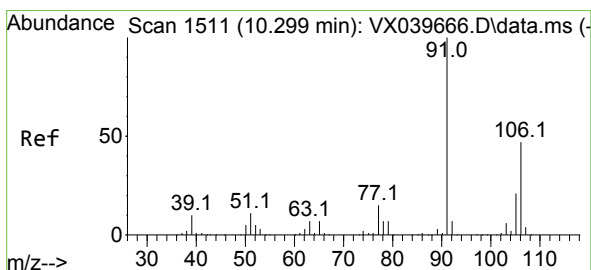
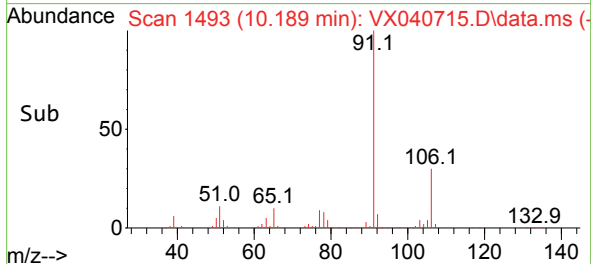
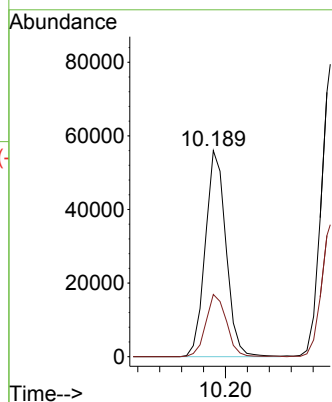
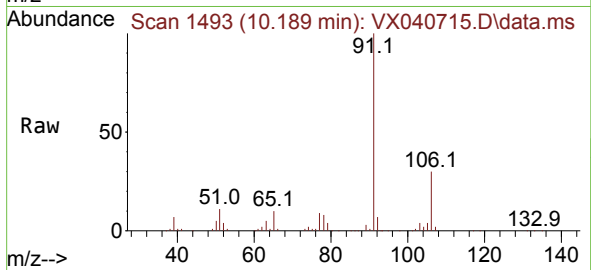




#66
Ethyl Benzene
Concen: 17.770 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

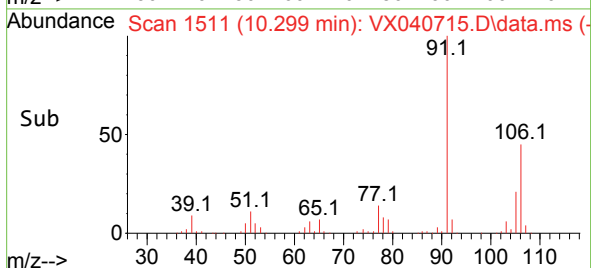
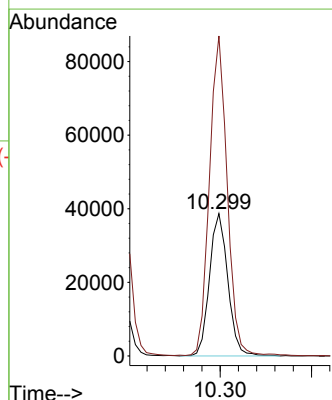
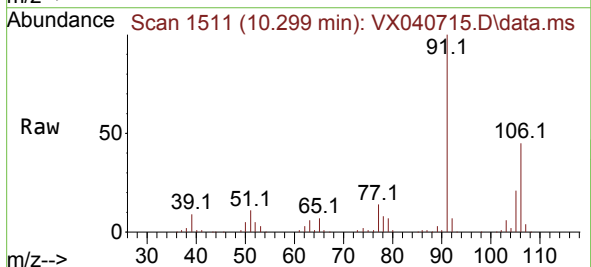
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

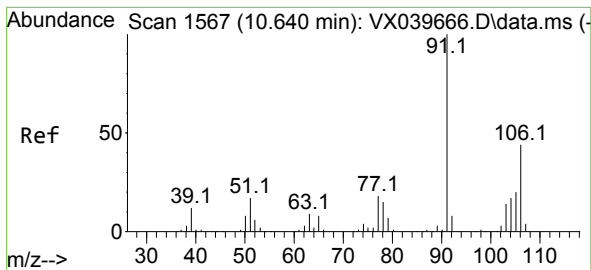
Tgt Ion: 91 Resp: 73331
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#67
m/p-Xylenes
Concen: 35.323 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:106 Resp: 53829
Ion Ratio Lower Upper
106 100
91 217.2 169.4 254.0

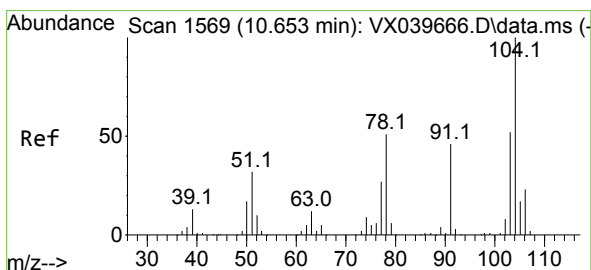
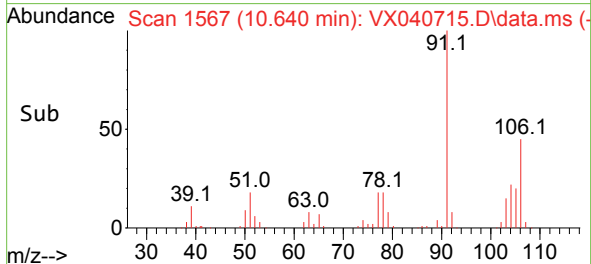
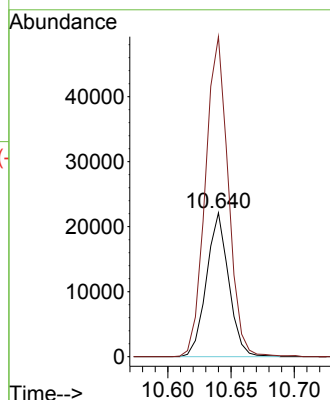
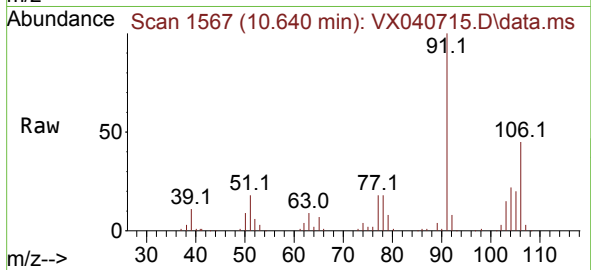




#68
o-Xylene
Concen: 18.452 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

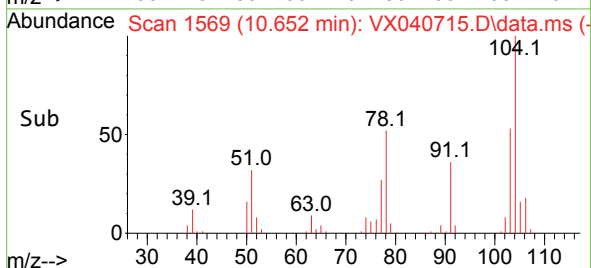
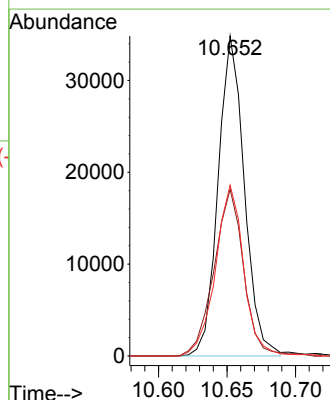
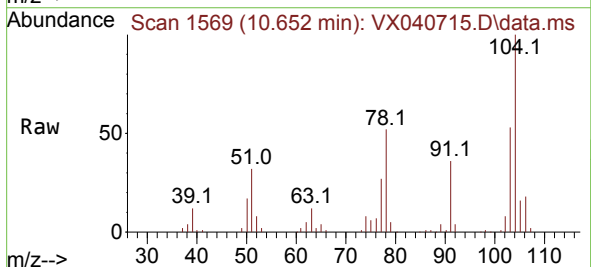
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

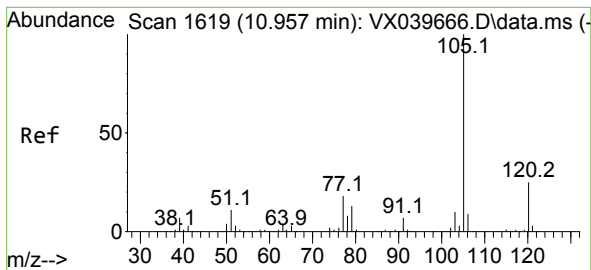
Tgt Ion:106 Resp: 27069
Ion Ratio Lower Upper
106 100
91 229.0 111.2 333.6



#69
Styrene
Concen: 18.802 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:104 Resp: 46342
Ion Ratio Lower Upper
104 100
78 58.7 43.7 65.5
103 57.3 44.6 67.0





#70

Isopropylbenzene

Concen: 17.346 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

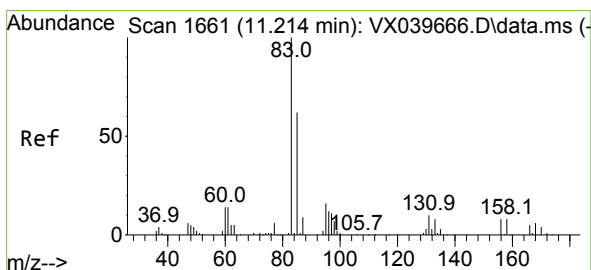
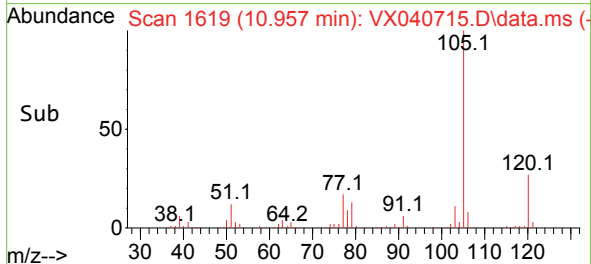
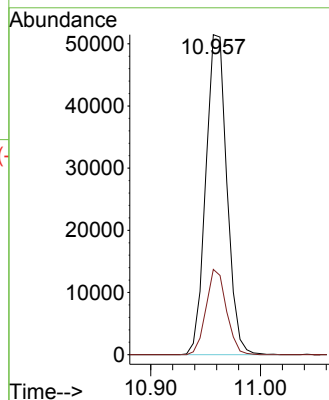
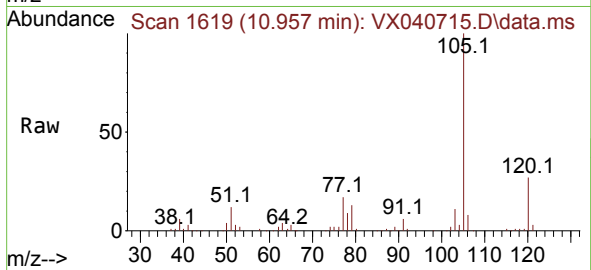
VSTDCCC020EC

Tgt Ion:105 Resp: 68758

Ion Ratio Lower Upper

105 100

120 25.7 18.5 34.3



#71

1,1,2,2-Tetrachloroethane

Concen: 24.205 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.007 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

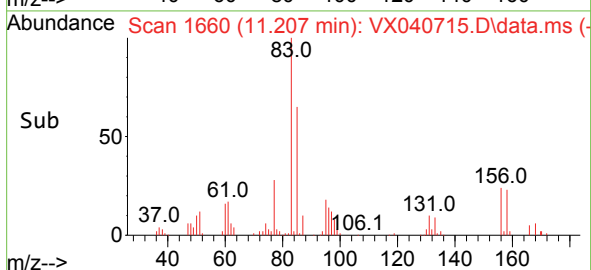
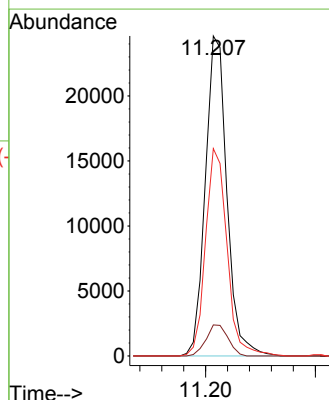
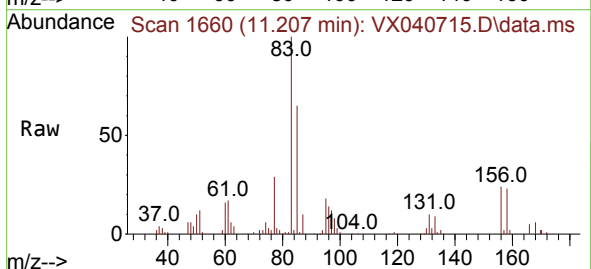
Tgt Ion: 83 Resp: 33636

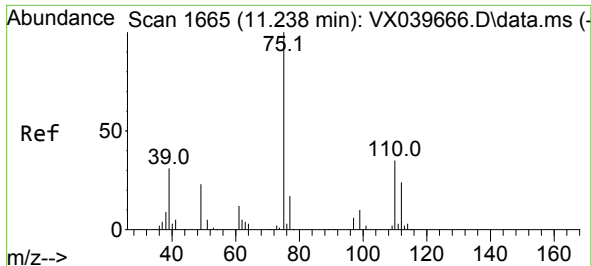
Ion Ratio Lower Upper

83 100

131 9.9 4.6 13.8

85 64.5 32.5 97.4

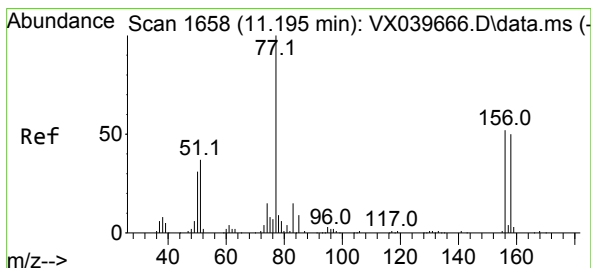
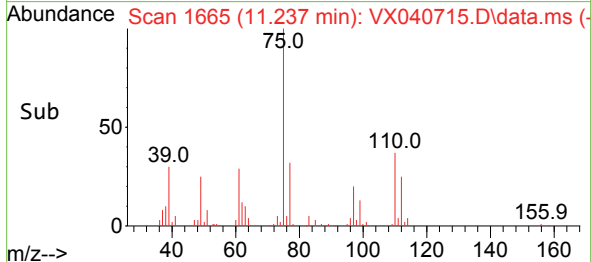
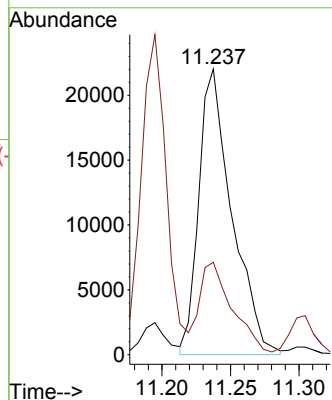
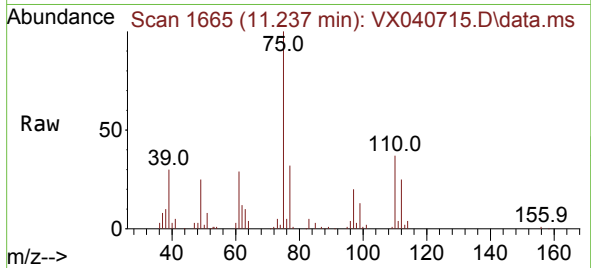




#72
1,2,3-Trichloropropane
Concen: 29.660 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

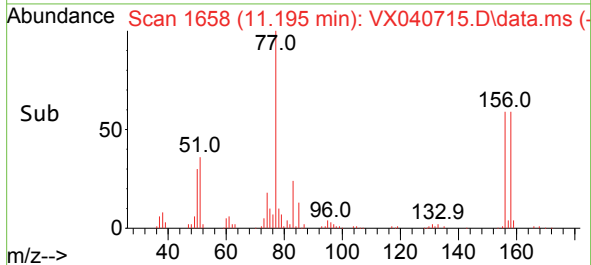
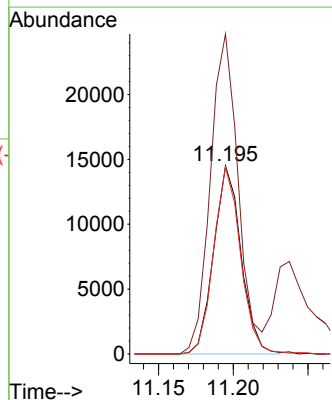
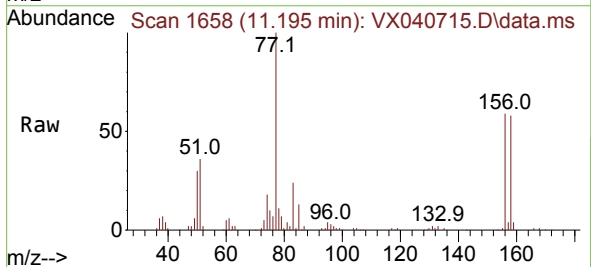
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

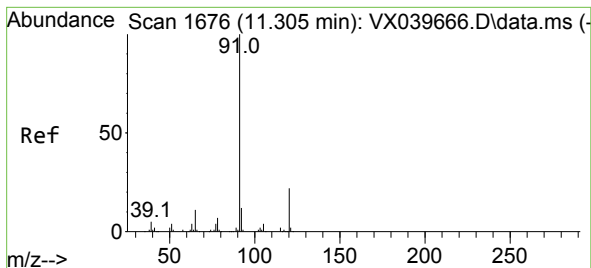
Tgt Ion: 75 Resp: 37086
Ion Ratio Lower Upper
75 100
77 32.4 0.0 76.4



#73
Bromobenzene
Concen: 19.662 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:156 Resp: 18451
Ion Ratio Lower Upper
156 100
77 173.0 0.0 363.2
158 97.5 0.0 197.8





#74

n-propylbenzene

Concen: 16.671 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

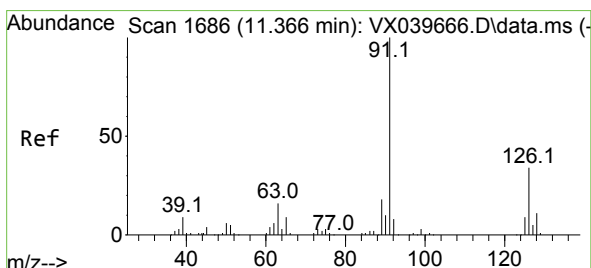
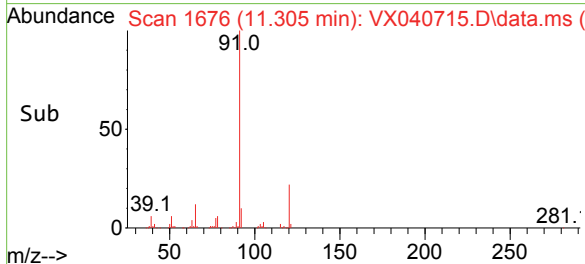
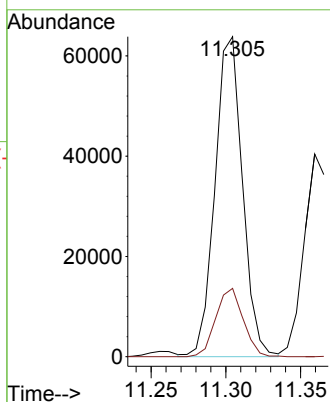
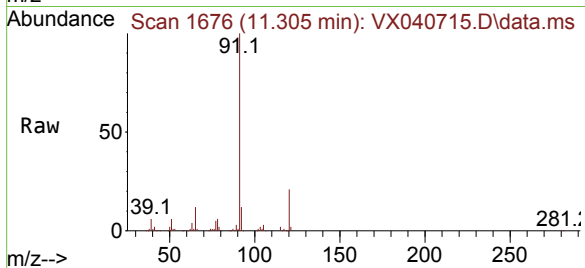
VSTDCCC020EC

Tgt Ion: 91 Resp: 81615

Ion Ratio Lower Upper

91 100

120 21.3 0.0 43.4



#75

2-Chlorotoluene

Concen: 17.974 ug/l

RT: 11.359 min Scan# 1685

Delta R.T. -0.007 min

Lab File: VX040715.D

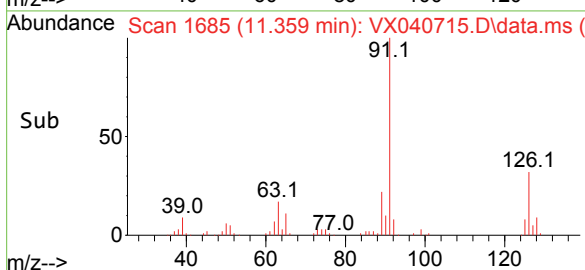
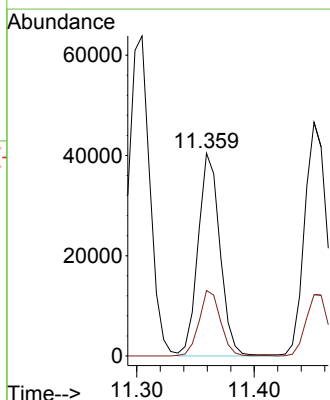
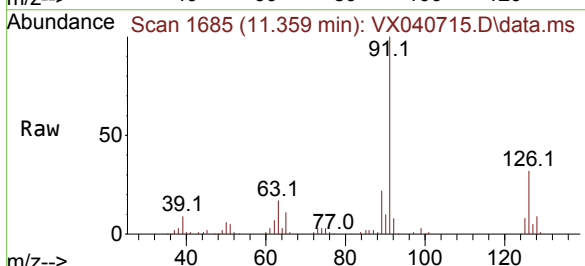
Acq: 19 Mar 2024 15:13

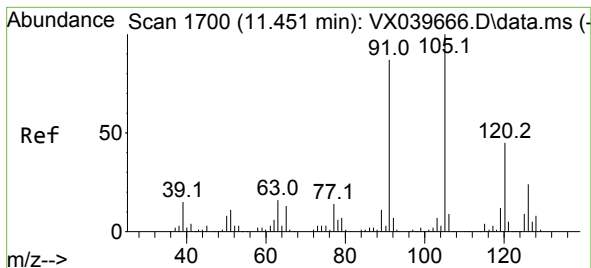
Tgt Ion: 91 Resp: 52218

Ion Ratio Lower Upper

91 100

126 31.5 0.0 64.2





#76

1,3,5-Trimethylbenzene

Concen: 17.283 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

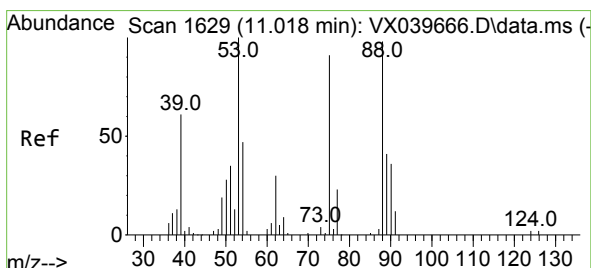
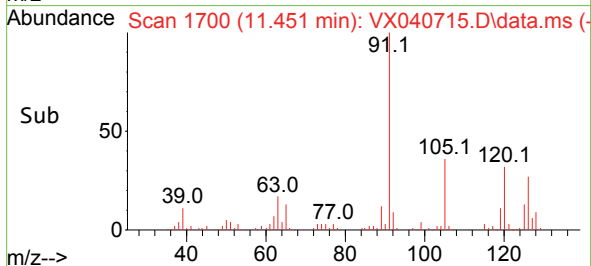
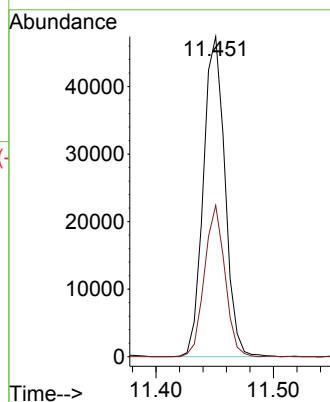
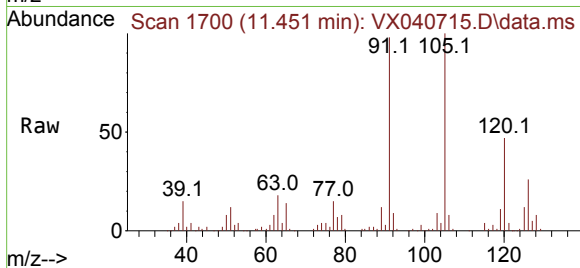
VSTDCCC020EC

Tgt Ion:105 Resp: 60313

Ion Ratio Lower Upper

105 100

120 44.8 0.0 92.6



#77

t-1,4-Dichloro-2-butene

Concen: 21.272 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

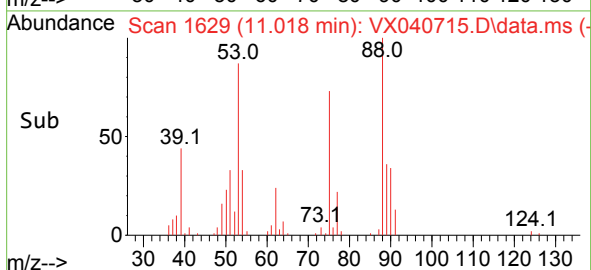
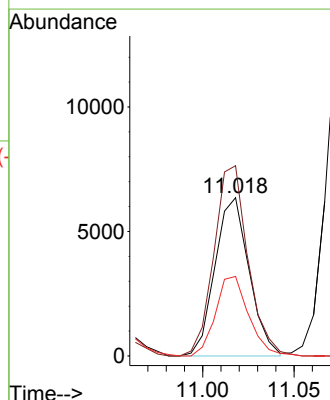
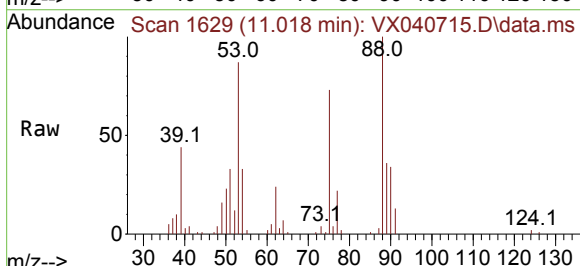
Tgt Ion: 75 Resp: 8266

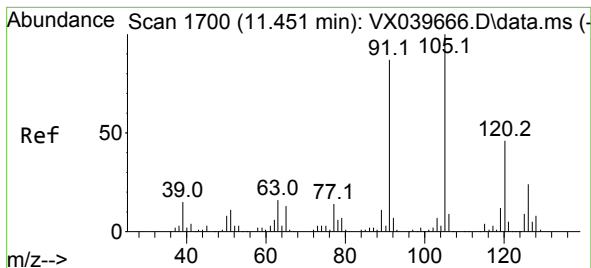
Ion Ratio Lower Upper

75 100

53 120.2 46.9 140.8

89 50.2 21.3 63.7

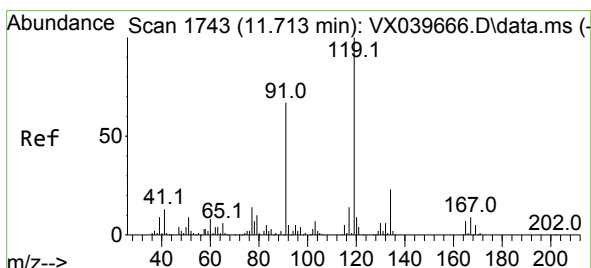
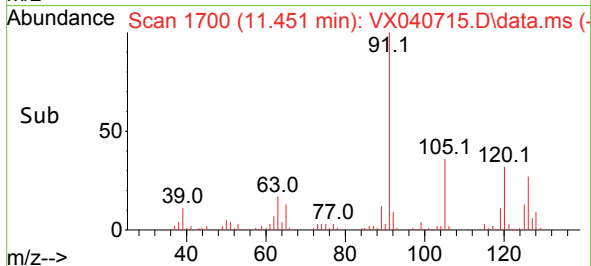
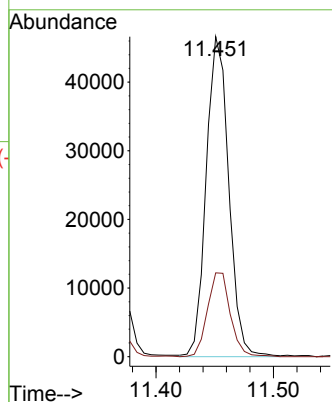
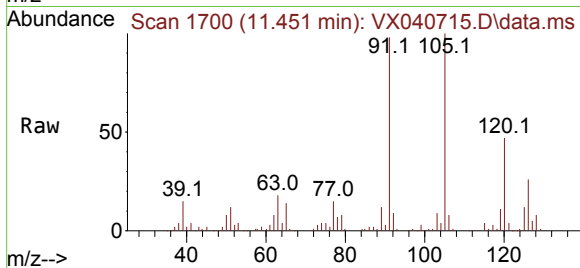




#78
4-Chlorotoluene
Concen: 17.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

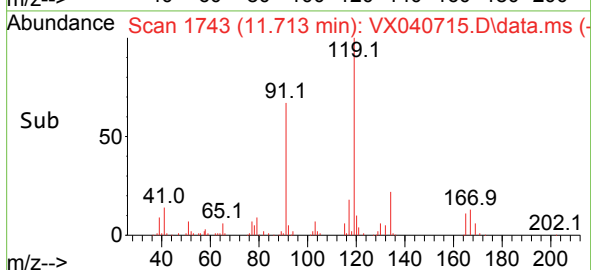
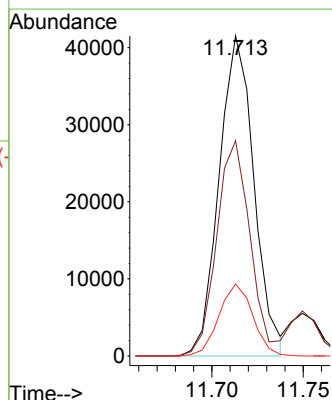
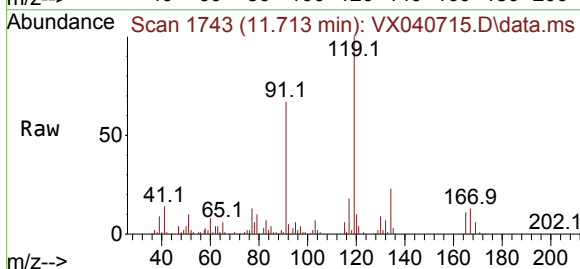
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

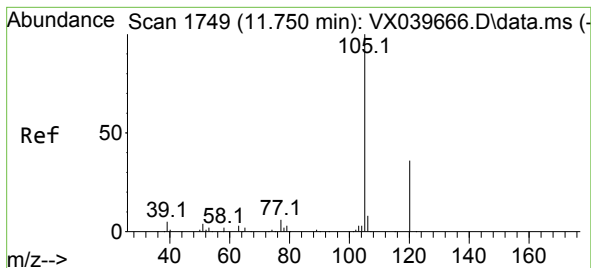
Tgt Ion: 91 Resp: 62047
Ion Ratio Lower Upper
91 100
126 26.6 0.0 57.4



#79
tert-butylbenzene
Concen: 16.917 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 119 Resp: 55103
Ion Ratio Lower Upper
119 100
91 63.7 0.0 125.6
134 21.8 0.0 43.8

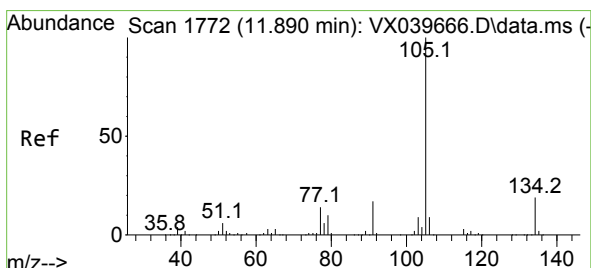
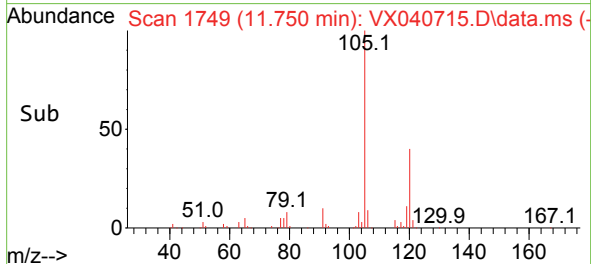
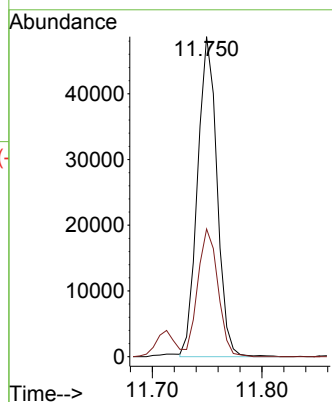
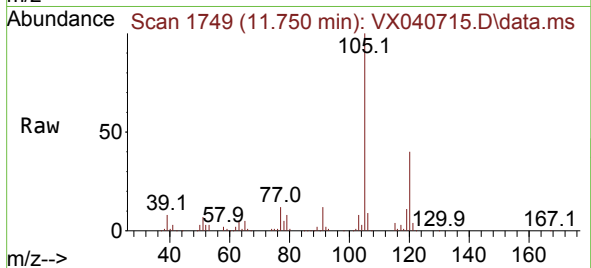




#80
1,2,4-Trimethylbenzene
Concen: 17.500 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

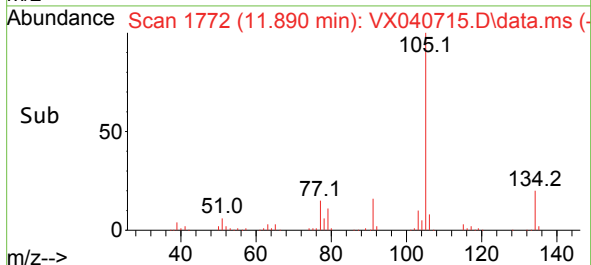
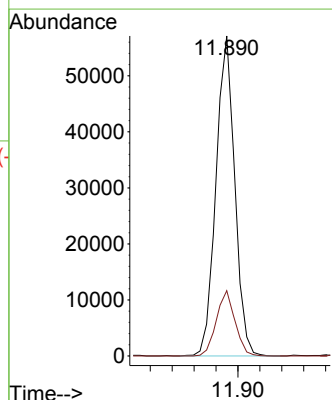
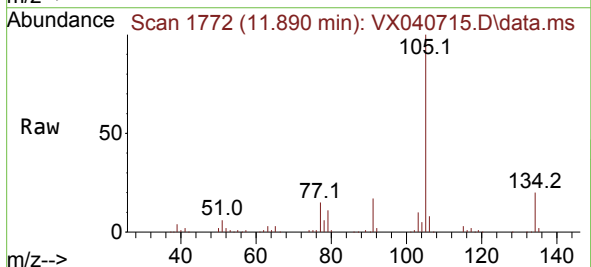
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

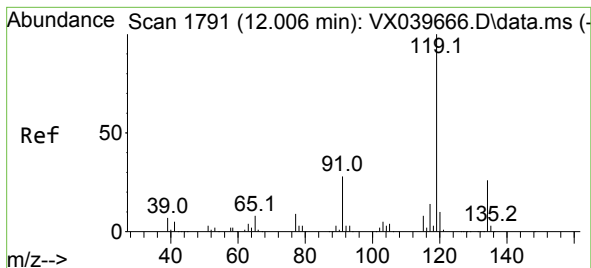
Tgt Ion:105 Resp: 60172
Ion Ratio Lower Upper
105 100
120 41.0 0.0 86.4



#81
sec-Butylbenzene
Concen: 15.805 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:105 Resp: 67967
Ion Ratio Lower Upper
105 100
134 20.2 0.0 38.4





#82

p-Isopropyltoluene

Concen: 16.047 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

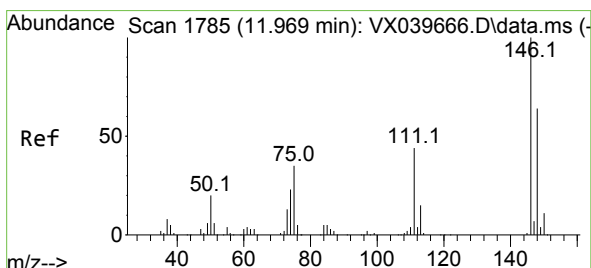
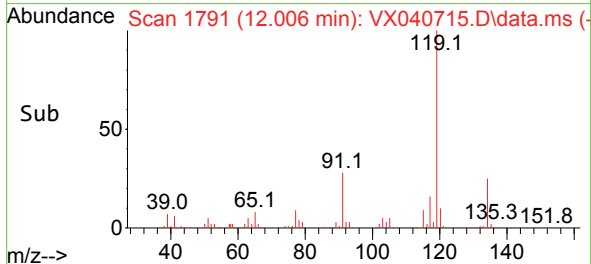
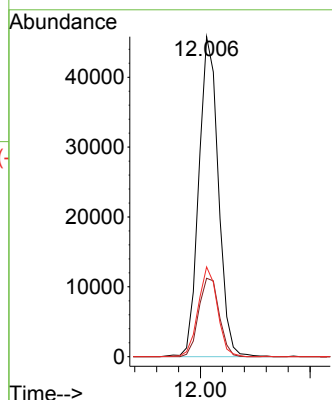
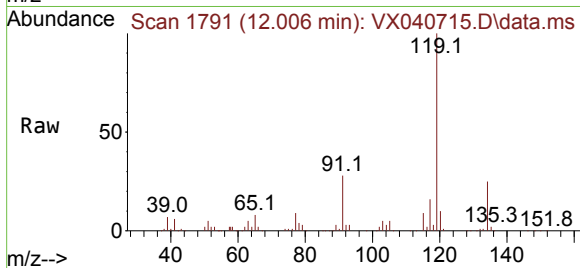
Tgt Ion:119 Resp: 56485

Ion Ratio Lower Upper

119 100

134 25.8 0.0 52.6

91 27.6 0.0 54.2



#83

1,3-Dichlorobenzene

Concen: 18.033 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

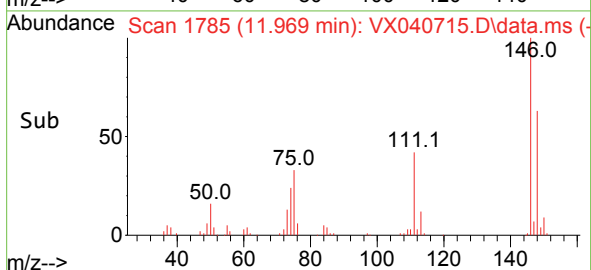
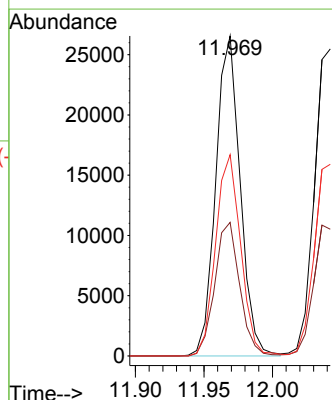
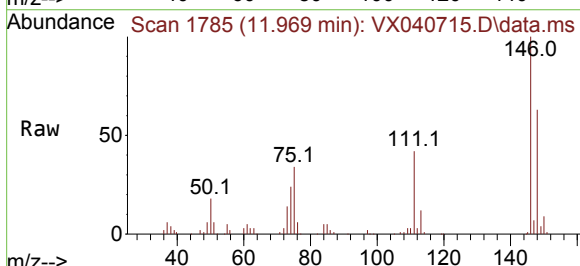
Tgt Ion:146 Resp: 32928

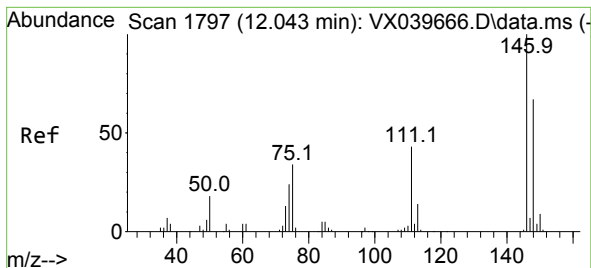
Ion Ratio Lower Upper

146 100

111 42.7 22.3 66.9

148 64.5 32.8 98.3





#84

1,4-Dichlorobenzene

Concen: 17.691 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX040715.D

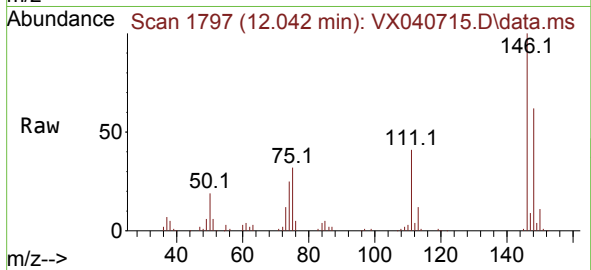
Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



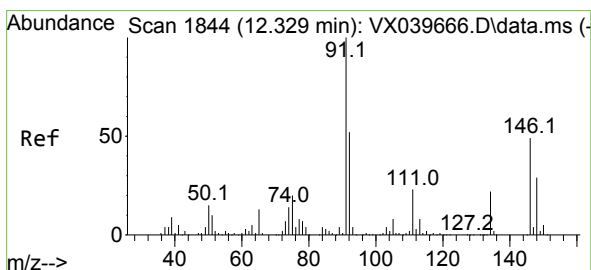
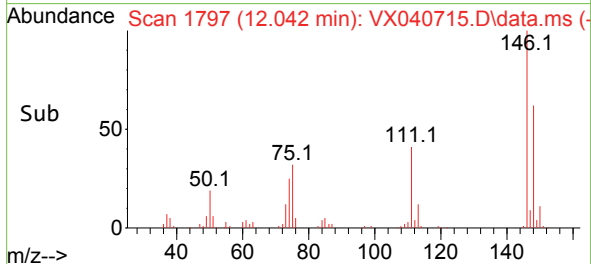
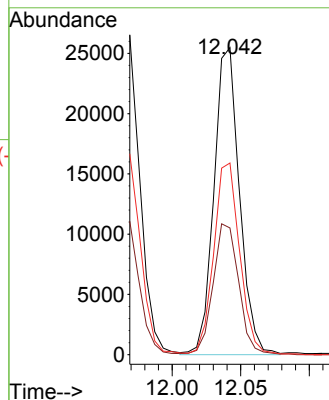
Tgt Ion:146 Resp: 33033

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.2

148 62.8 31.8 95.4



#85

n-Butylbenzene

Concen: 15.267 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

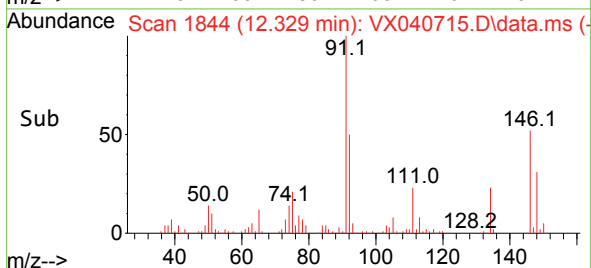
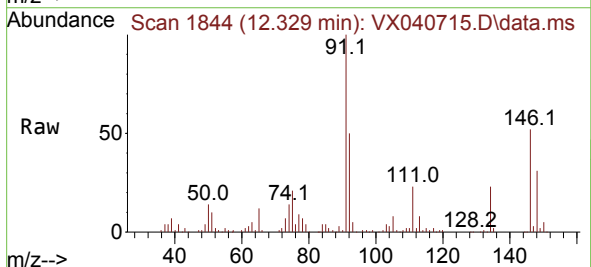
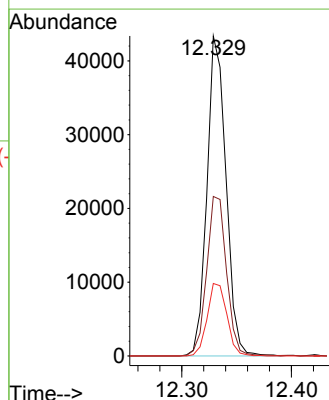
Tgt Ion: 91 Resp: 52294

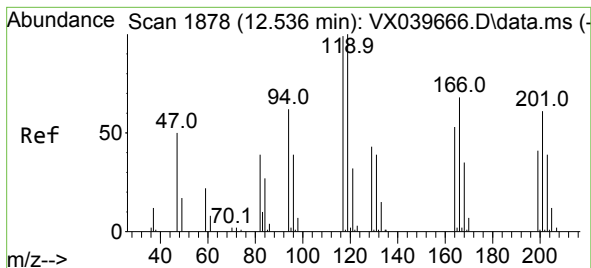
Ion Ratio Lower Upper

91 100

92 52.1 0.0 106.2

134 23.5 0.0 48.8





#86

Hexachloroethane

Concen: 16.501 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

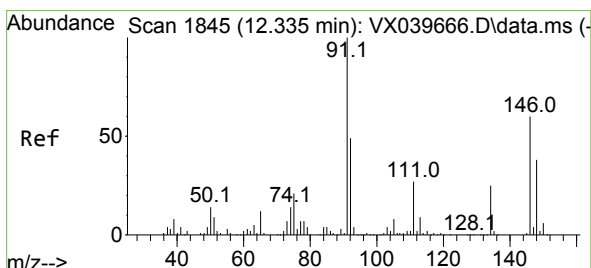
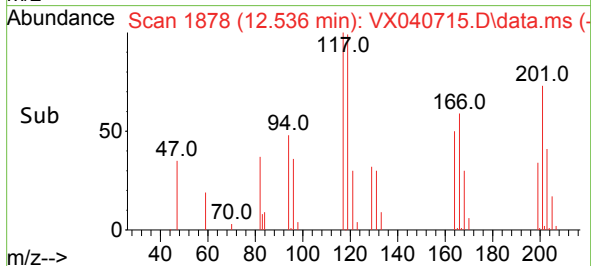
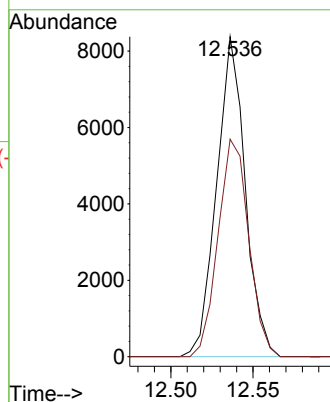
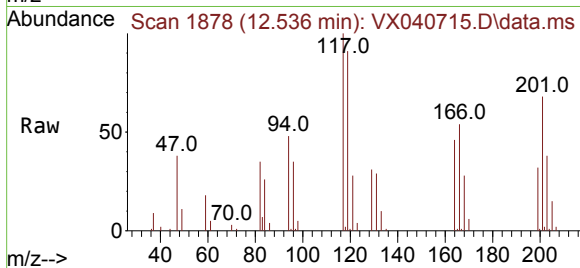
VSTDCCC020EC

Tgt Ion:117 Resp: 10135

Ion Ratio Lower Upper

117 100

201 72.8 31.8 95.3



#87

1,2-Dichlorobenzene

Concen: 18.704 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040715.D

Acq: 19 Mar 2024 15:13

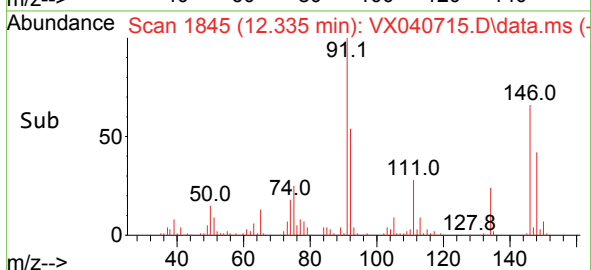
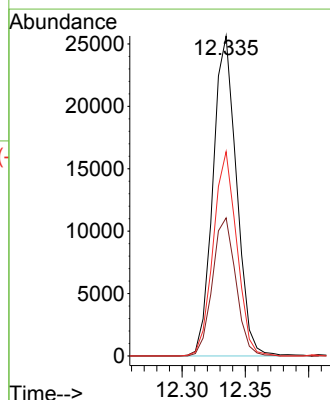
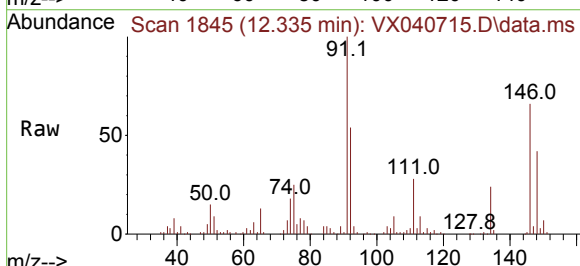
Tgt Ion:146 Resp: 33187

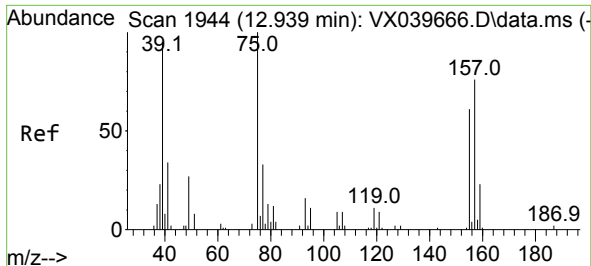
Ion Ratio Lower Upper

146 100

111 42.9 22.4 67.2

148 63.7 31.9 95.7

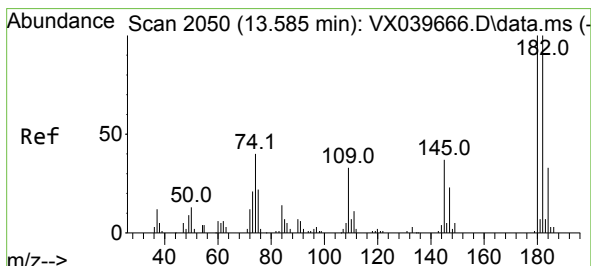
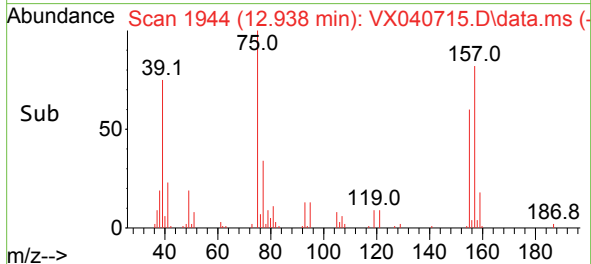
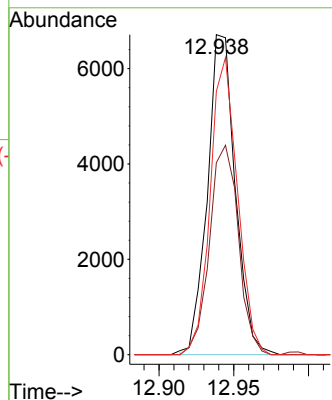
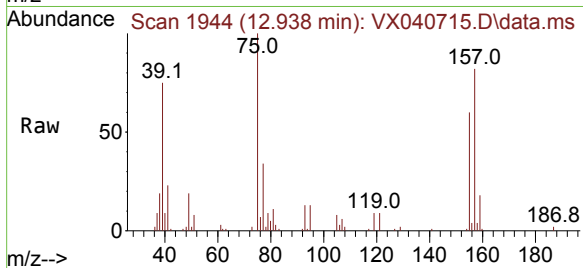




#88
1,2-Dibromo-3-Chloropropane
Concen: 23.508 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

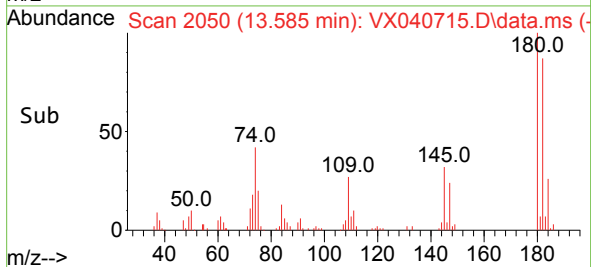
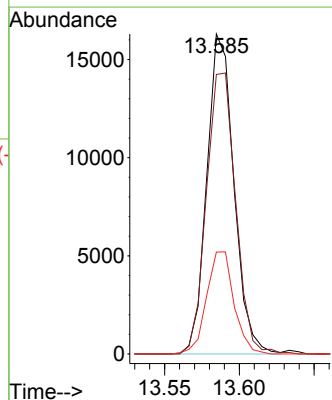
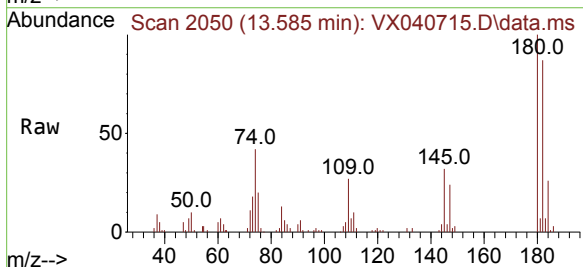
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

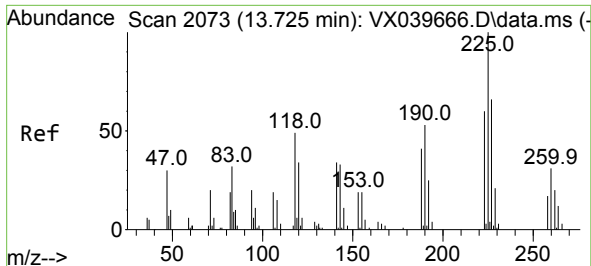
Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
155 67.5 58.2 87.4
157 90.5 76.5 114.7



#89
1,2,4-Trichlorobenzene
Concen: 17.186 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion: 180 Resp: 20533
Ion Ratio Lower Upper
180 100
182 94.7 74.5 111.7
145 32.4 26.6 40.0

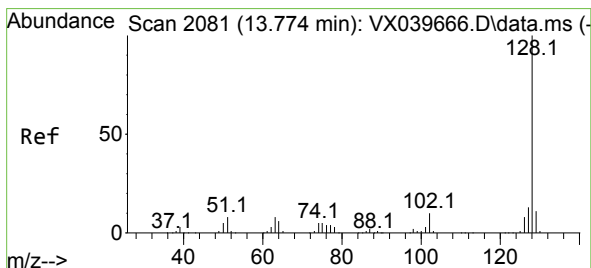
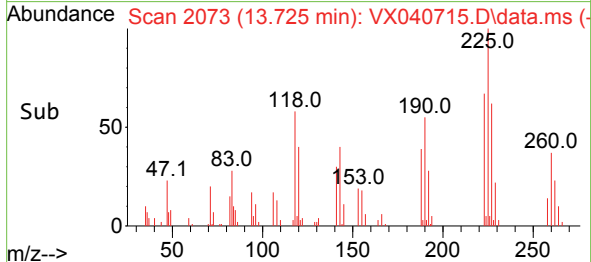
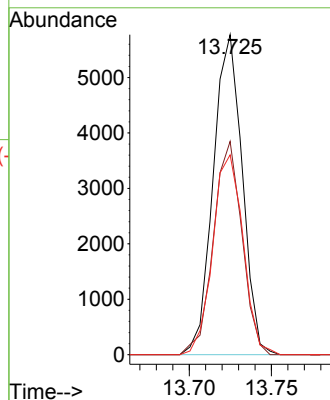
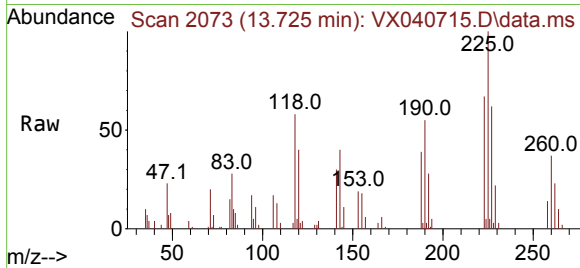




#90
Hexachlorobutadiene
Concen: 14.679 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

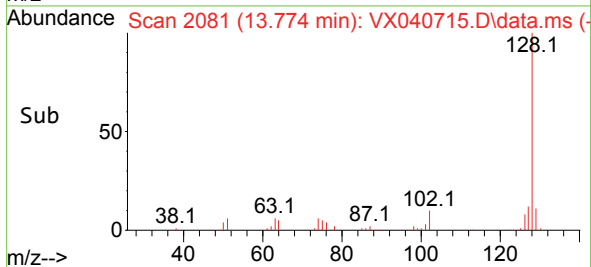
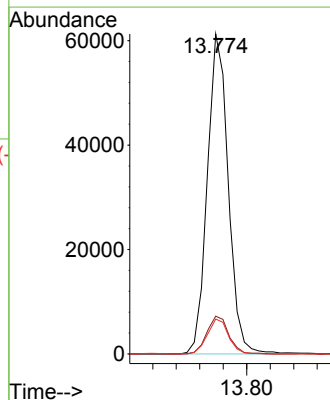
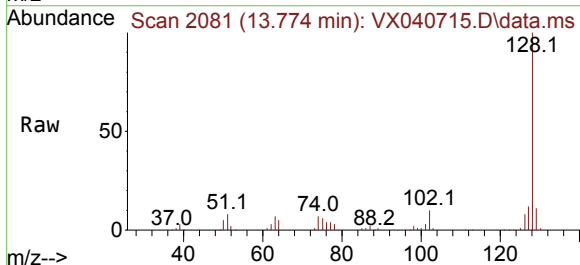
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

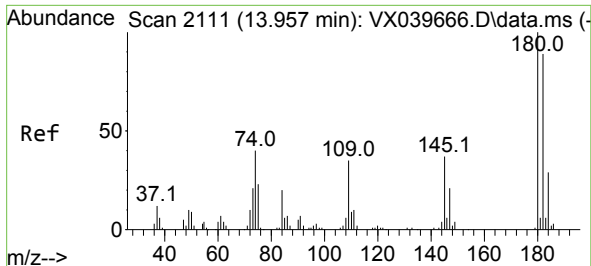
Tgt Ion:	225	Resp:	7091
Ion Ratio	Lower	Upper	
225	100		
223	65.6	0.0	124.4
227	65.1	0.0	124.4



#91
Naphthalene
Concen: 19.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040715.D
Acq: 19 Mar 2024 15:13

Tgt Ion:	128	Resp:	75809
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.2	15.2
129	11.1	8.6	12.8





#92

1,2,3-Trichlorobenzene

Concen: 17.593 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040715.D

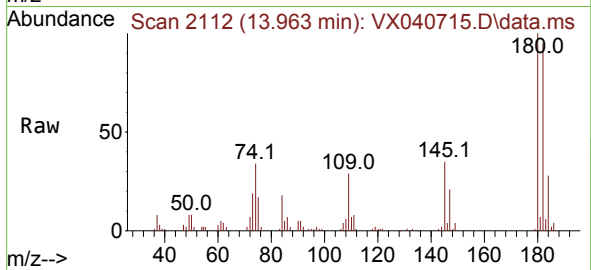
Acq: 19 Mar 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:180 Resp: 20725

Ion Ratio Lower Upper

180 100

182 97.0 0.0 191.6

145 35.7 0.0 69.6

