

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040628.D
 Acq On : 08 Mar 2024 15:30
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Mar 08 23:53:48 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	4.904	128	15894	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	87434	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	46177	29.090	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.967%
60) 4-Bromofluorobenzene	11.079	95	44043	30.774	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.567%
63) Toluene-d8	8.647	98	109463	29.686	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21970	20.380	ug/l	96
3) Chloromethane	1.295	50	21638	19.590	ug/l	99
4) Vinyl Chloride	1.374	62	23834	19.966	ug/l	99
5) Bromomethane	1.605	94	18424	25.271	ug/l	96
6) Chloroethane	1.685	64	14666	20.912	ug/l	98
7) Trichlorofluoromethane	1.886	101	36610	20.144	ug/l	95
8) Diethyl Ether	2.136	74	12221	19.805	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	20435	20.527	ug/l	94
10) 1,1-Dichloroethene	2.319	96	18402	19.415	ug/l	96
11) Methyl Iodide	2.453	142	17658	15.404	ug/l	91
12) Methyl Acetate	2.703	43	31402	20.113	ug/l	99
13) Acrolein	2.233	56	29227	99.298	ug/l	98
14) Acrylonitrile	3.062	53	60200	97.921	ug/l	98
15) Acetone	2.380	58	15678	89.216	ug/l	70
16) Carbon Disulfide	2.514	76	48146	18.483	ug/l	98
17) Allyl chloride	2.660	41	34539	19.747	ug/l	91
18) Methylene Chloride	2.788	84	20686	19.116	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	21119	20.409	ug/l	94
20) Diisopropyl ether	3.764	45	68932	19.706	ug/l #	91
21) 1,1-Dichloroethane	3.605	63	40479	20.110	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	23940	19.922	ug/l	94
23) tert-Butyl Alcohol	3.026	59	218	0.751	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	69490	19.866	ug/l	94
25) Chloroform	5.093	83	43470	19.731	ug/l	99
26) Cyclohexane	5.471	56	32354	19.916	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	31457	20.785	ug/l	98
30) 2-Butanone	4.556	43	89097	96.475	ug/l	99
31) 2,2-Dichloropropane	4.471	77	34073	20.860	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	38556	20.218	ug/l	97
33) Carbon Tetrachloride	5.672	117	33192	20.687	ug/l	96
34) Benzene	6.038	78	83183	20.360	ug/l	99
35) Methacrylonitrile	4.922	41	18278	19.279	ug/l	96
36) 1,2-Dichloroethane	6.092	62	39202	20.753	ug/l	96
37) Trichloroethene	7.129	130	22767	20.737	ug/l	95
38) Methylcyclohexane	7.379	83	34985	21.468	ug/l	98
39) 1,2-Dichloropropane	7.434	63	21740	20.899	ug/l	98
40) Dibromomethane	7.580	93	16694	20.428	ug/l	95
41) Bromodichloromethane	7.818	83	32855	20.209	ug/l #	99
42) Vinyl Acetate	3.721	43	319959	100.626	ug/l	99

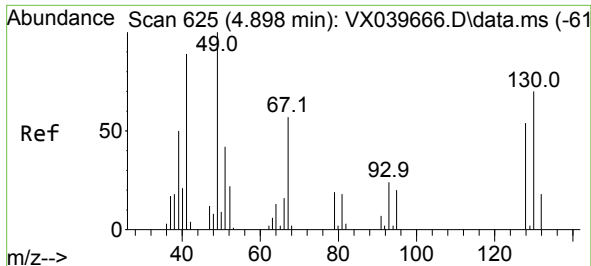
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040628.D
 Acq On : 08 Mar 2024 15:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 08 23:53:48 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)
43) Ethyl Acetate	4.715	43	33553	19.291	ug/l	99
44) Isopropyl Acetate	6.342	43	55612	20.031	ug/l	95
45) 1,4-Dioxane	7.659	88	9558	334.915	ug/l	98
46) Methyl methacrylate	7.690	41	29082	21.090	ug/l	89
47) n-amyl Acetate	10.842	43	46960	19.626	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	33938	19.751	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	36209	20.686	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	22036	20.300	ug/l	97
51) Ethyl methacrylate	9.116	69	34882	20.411	ug/l	96
52) 1,3-Dichloropropane	9.305	76	38262	20.657	ug/l	99
53) Dibromochloromethane	9.519	129	24301	19.638	ug/l	98
54) 1,2-Dibromoethane	9.610	107	23965	19.952	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	94336	108.397	ug/l	99
56) Bromoform	10.799	173	16487	18.784	ug/l #	99
58) 4-Methyl-2-Pentanone	8.574	43	185444	99.812	ug/l	99
59) 2-Hexanone	9.427	43	147323	98.168	ug/l	97
61) Tetrachloroethene	9.275	164	20825	21.028	ug/l	95
62) Toluene	8.720	91	92630	20.157	ug/l	100
64) Chlorobenzene	10.080	112	56715	20.193	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	22101	20.630	ug/l	97
66) Ethyl Benzene	10.195	91	110110	20.781	ug/l	98
67) m/p-Xylenes	10.299	106	79342	40.551	ug/l	95
68) o-Xylene	10.640	106	37209	19.755	ug/l	95
69) Styrene	10.653	104	61919	19.566	ug/l	98
70) Isopropylbenzene	10.964	105	103848	20.405	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	36032	20.195	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	41288	25.718	ug/l	92
73) Bromobenzene	11.195	156	25374	21.060	ug/l	94
74) n-propylbenzene	11.305	91	130712	20.795	ug/l	100
75) 2-Chlorotoluene	11.366	91	79262	21.249	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	93557	20.880	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	9128	18.296	ug/l	71
78) 4-Chlorotoluene	11.451	91	93075	20.916	ug/l	96
79) tert-butylbenzene	11.713	119	85943	20.550	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	90421	20.482	ug/l	98
81) sec-Butylbenzene	11.890	105	114852	20.801	ug/l	99
82) p-Isopropyltoluene	12.006	119	93647	20.721	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	48191	20.556	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	48706	20.316	ug/l	99
85) n-Butylbenzene	12.335	91	88989	20.235	ug/l	99
86) Hexachloroethane	12.536	117	15740	19.959	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	46895	20.584	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9502	19.917	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	28899	18.840	ug/l	100
90) Hexachlorobutadiene	13.725	225	11495	18.533	ug/l	96
91) Naphthalene	13.774	128	89667	17.921	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	26821	17.733	ug/l	99

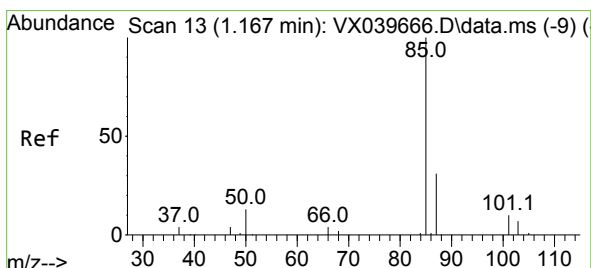
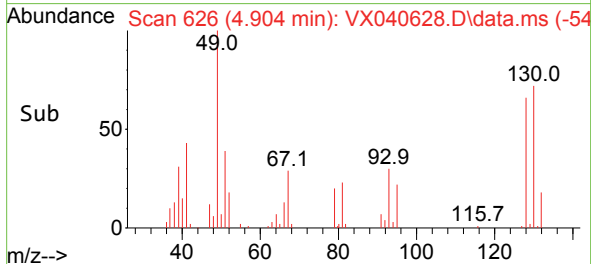
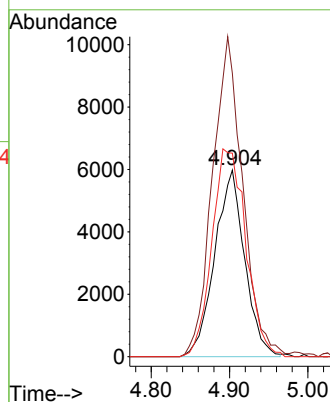
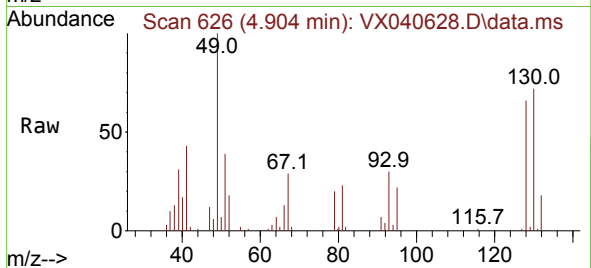
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

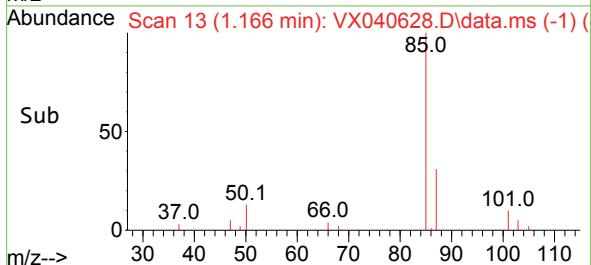
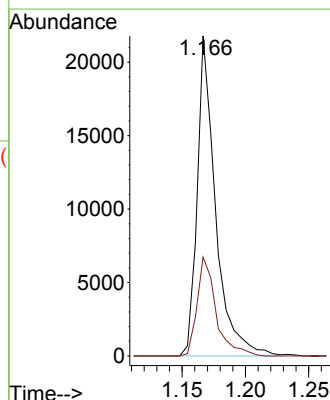
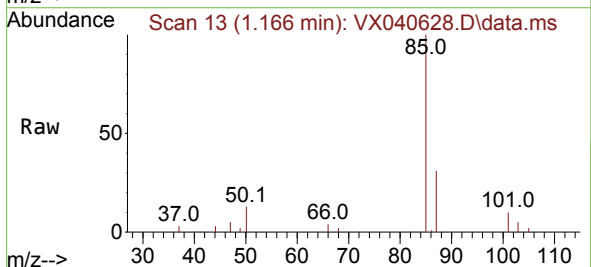
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

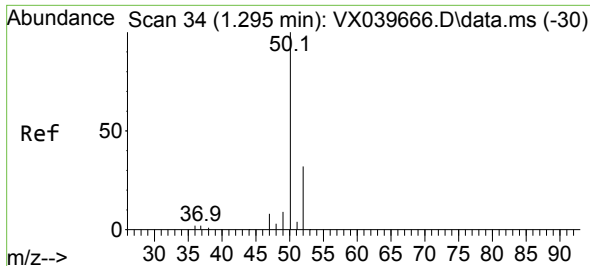
Tgt Ion:128 Resp: 15894
Ion Ratio Lower Upper
128 100
49 173.4 0.0 444.0
130 125.9 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 20.380 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 85 Resp: 21970
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1

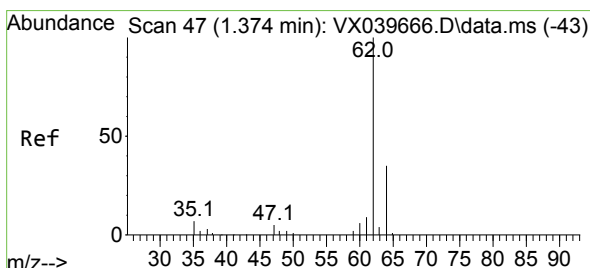
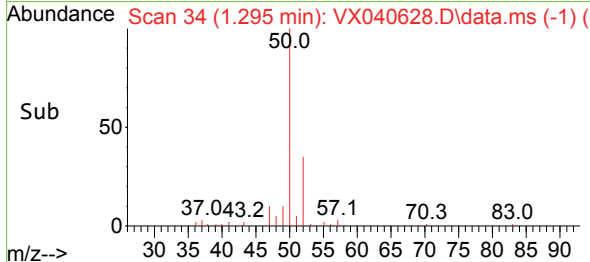
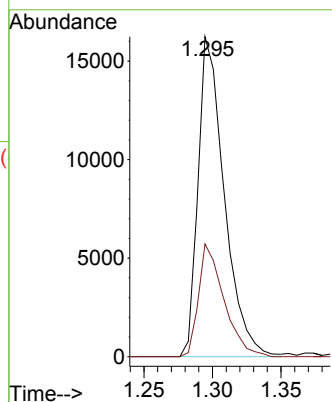
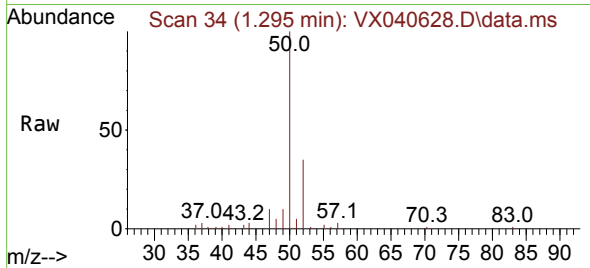




#3
Chloromethane
Concen: 19.590 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

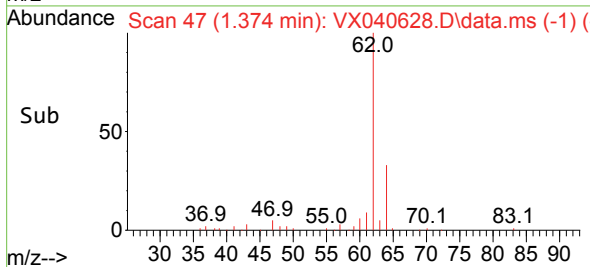
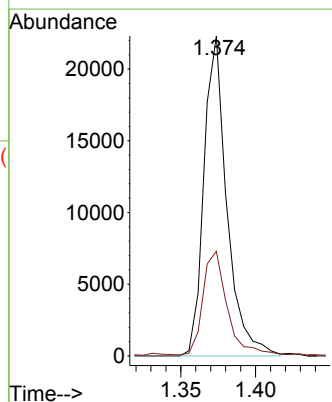
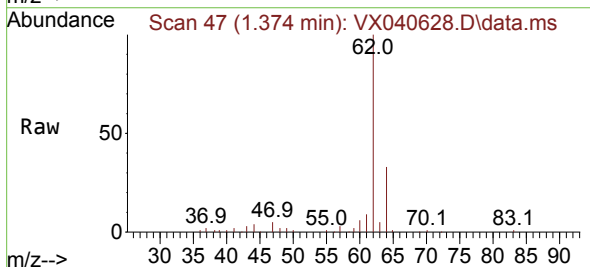
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

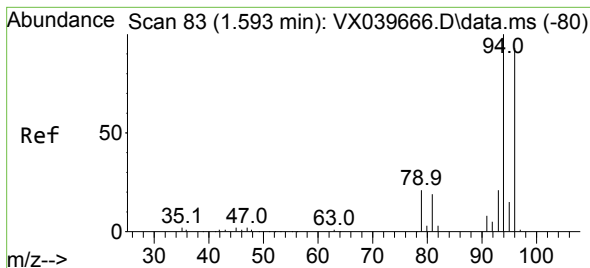
Tgt Ion: 50 Resp: 21638
Ion Ratio Lower Upper
50 100
52 35.3 27.8 41.8



#4
Vinyl Chloride
Concen: 19.966 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 62 Resp: 23834
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5





#5

Bromomethane

Concen: 25.271 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

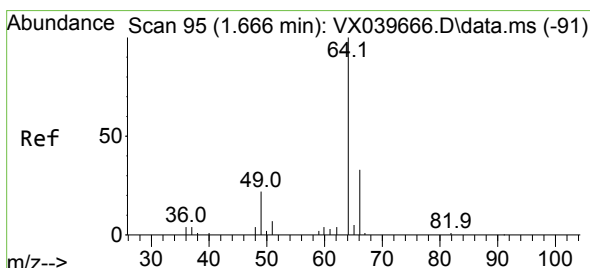
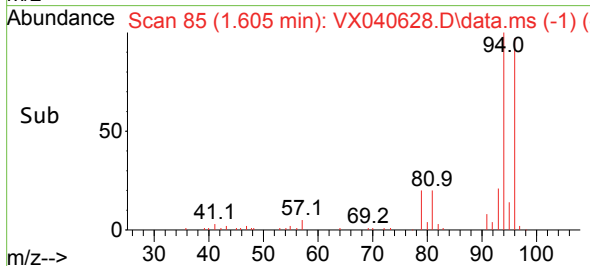
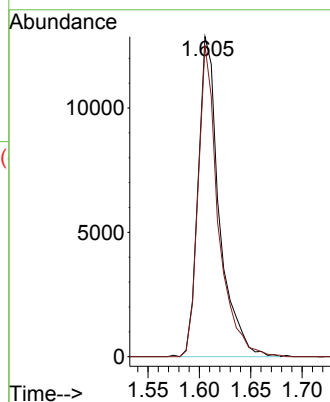
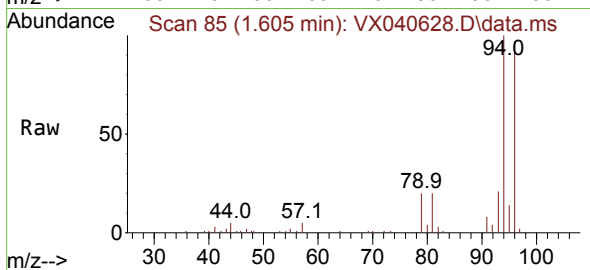
VSTDCCC020EC

Tgt Ion: 94 Resp: 18424

Ion Ratio Lower Upper

94 100

96 97.3 74.9 112.3



#6

Chloroethane

Concen: 20.912 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.019 min

Lab File: VX040628.D

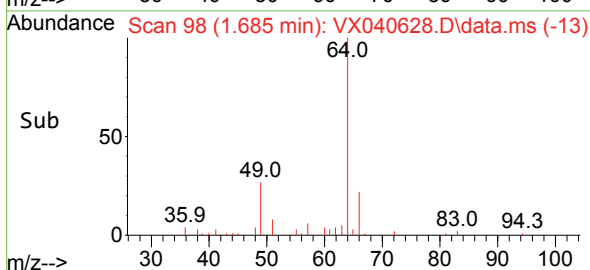
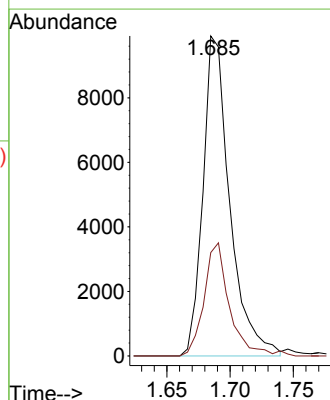
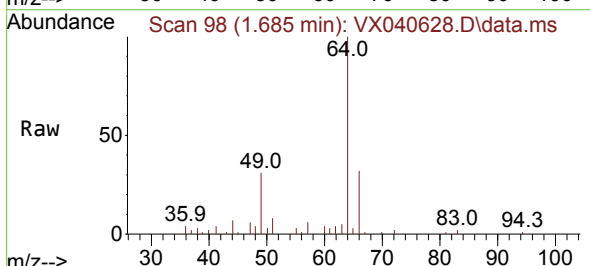
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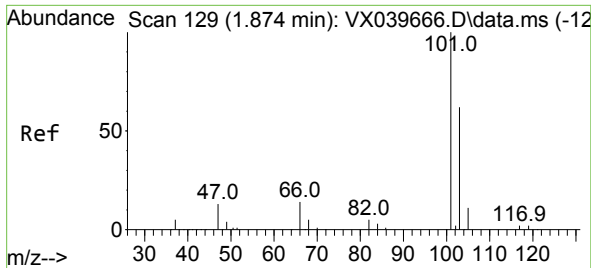
Tgt Ion: 64 Resp: 14666

Ion Ratio Lower Upper

64 100

66 32.3 25.0 37.6

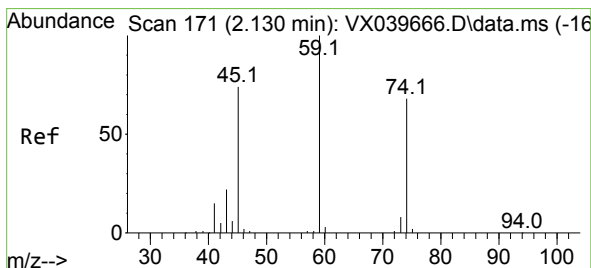
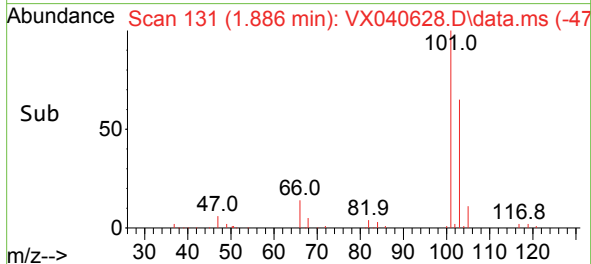
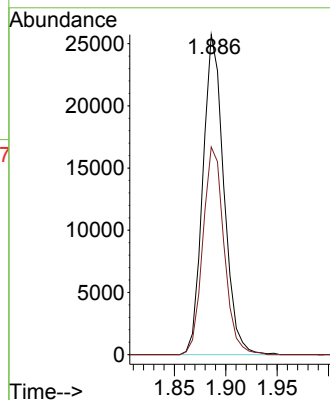
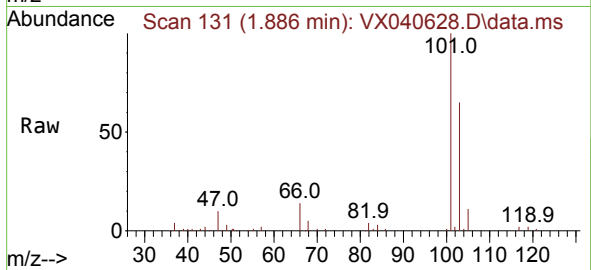




#7
Trichlorofluoromethane
Concen: 20.144 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

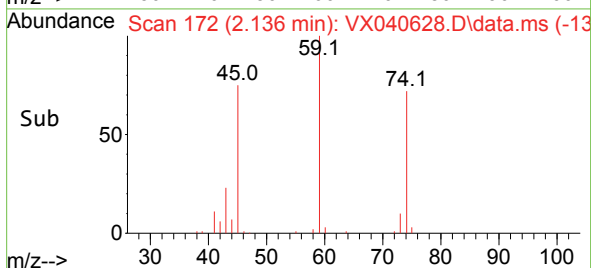
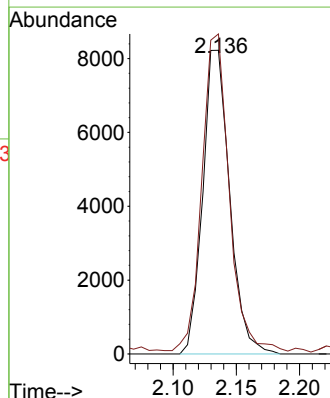
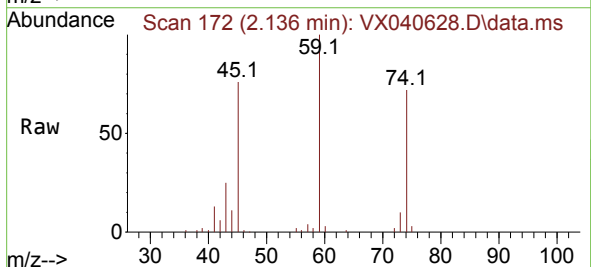
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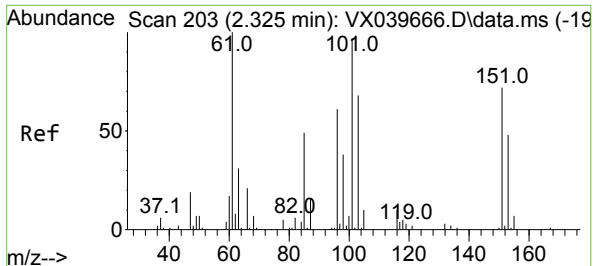
Tgt Ion:101 Resp: 36610
Ion Ratio Lower Upper
101 100
103 64.9 49.1 73.7



#8
Diethyl Ether
Concen: 19.805 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 74 Resp: 12221
Ion Ratio Lower Upper
74 100
45 104.4 20.5 184.5

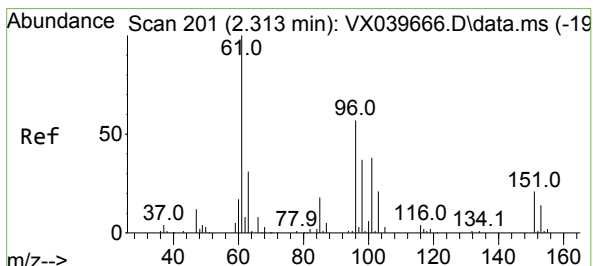
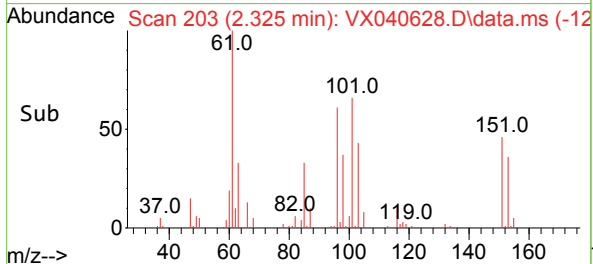
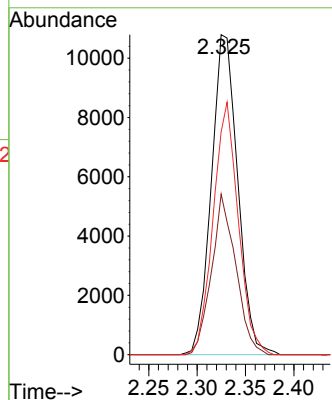
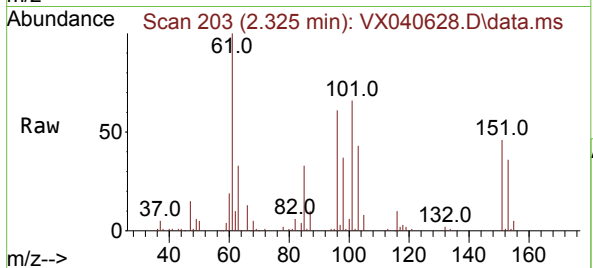




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.527 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

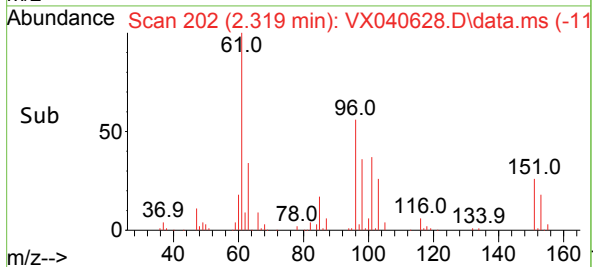
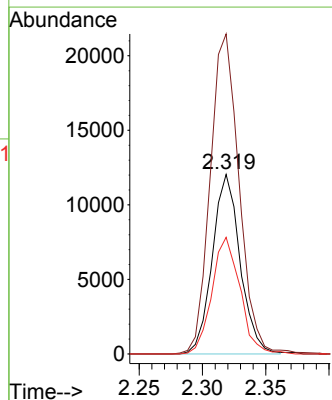
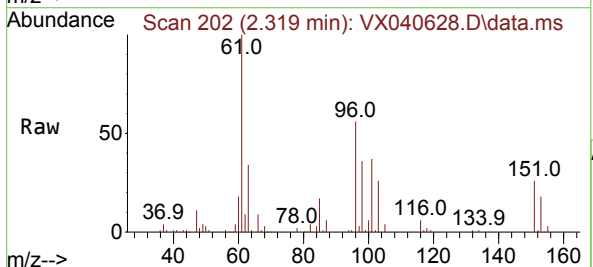
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

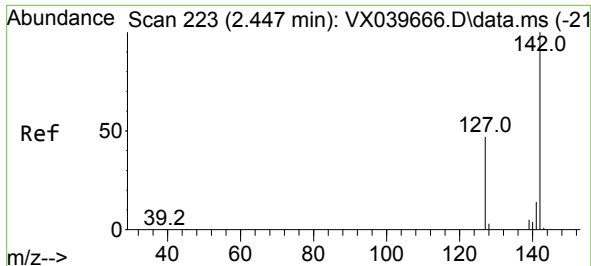
Tgt Ion:101 Resp: 20435
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 75.2 0.0 136.8



#10
1,1-Dichloroethene
Concen: 19.415 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

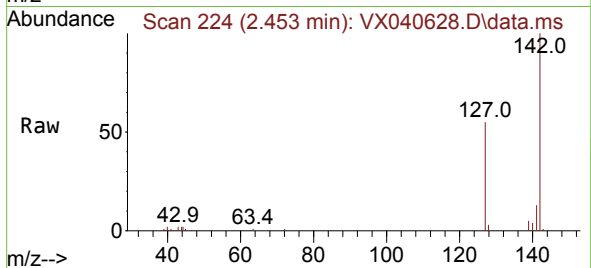
Tgt Ion: 96 Resp: 18402
Ion Ratio Lower Upper
96 100
61 177.7 138.3 207.5
98 65.0 49.8 74.6



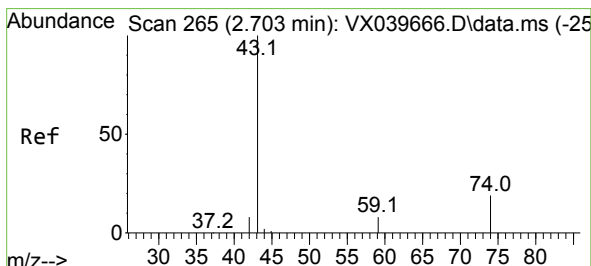
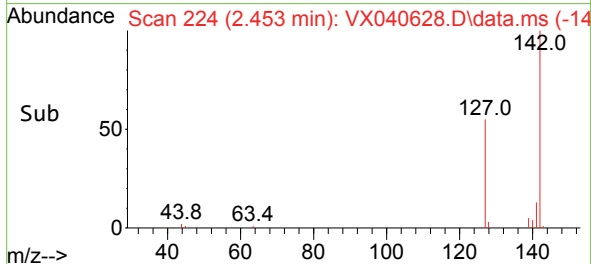
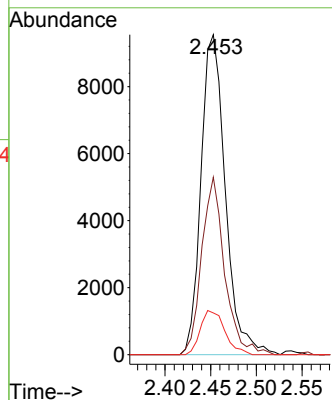


#11
Methyl Iodide
Concen: 15.404 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

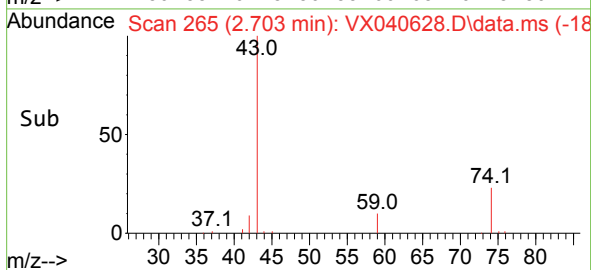
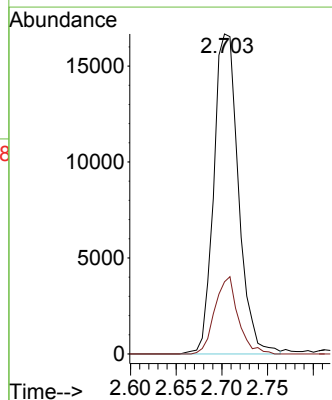
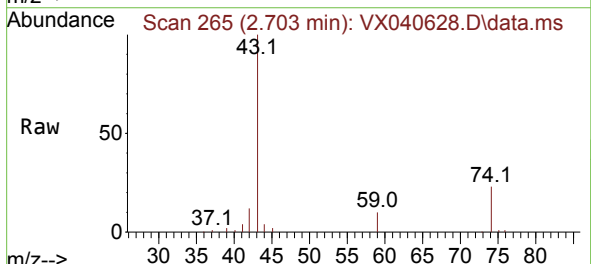


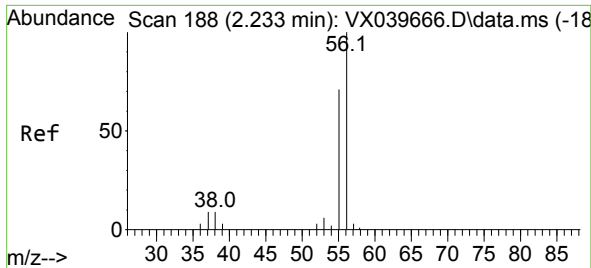
Tgt Ion:142 Resp: 17658
Ion Ratio Lower Upper
142 100
127 55.4 23.8 71.4
141 13.1 6.9 20.6



#12
Methyl Acetate
Concen: 20.113 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 43 Resp: 31402
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6

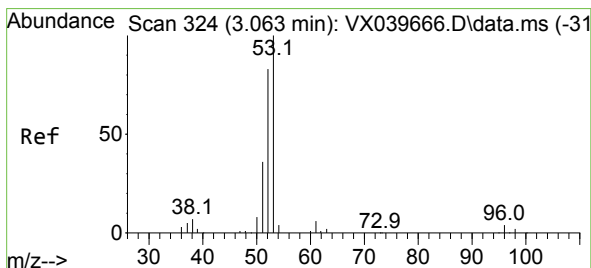
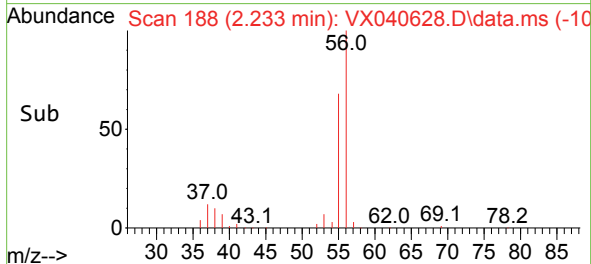
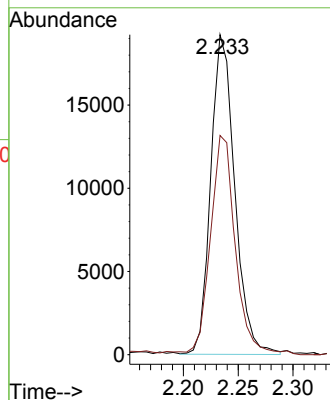
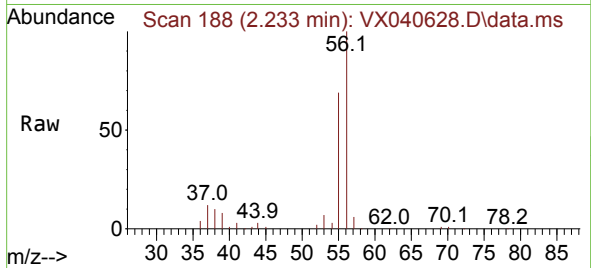




#13
Acrolein
Concen: 99.298 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

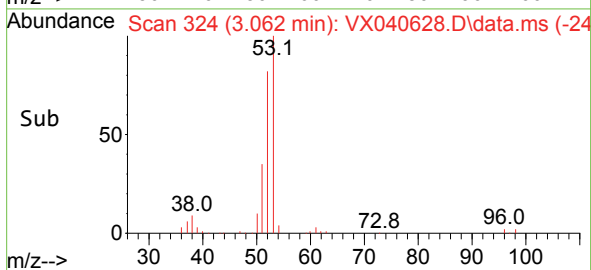
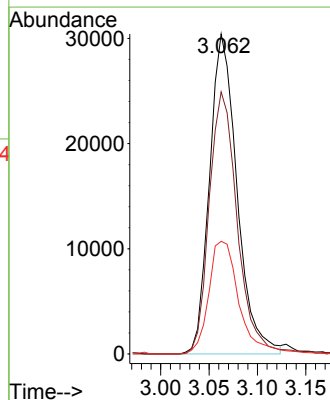
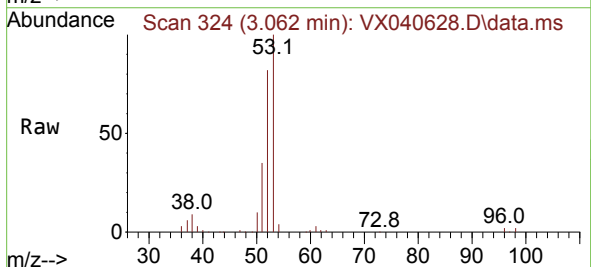
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

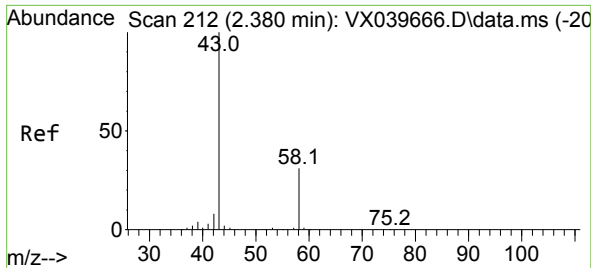
Tgt Ion: 56 Resp: 29227
Ion Ratio Lower Upper
56 100
55 69.9 57.2 85.8



#14
Acrylonitrile
Concen: 97.921 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 53 Resp: 60200
Ion Ratio Lower Upper
53 100
52 83.4 41.9 125.6
51 39.1 18.3 54.9





#15

Acetone

Concen: 89.216 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

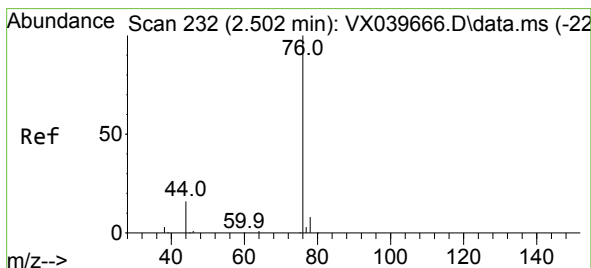
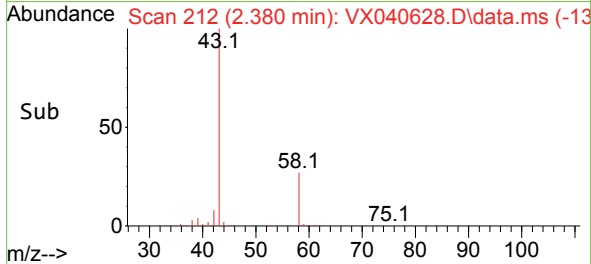
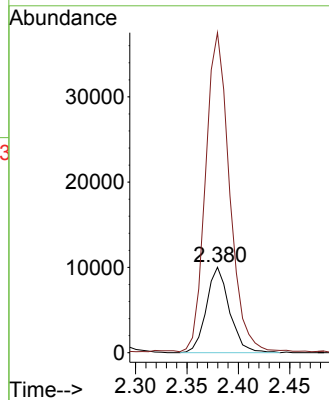
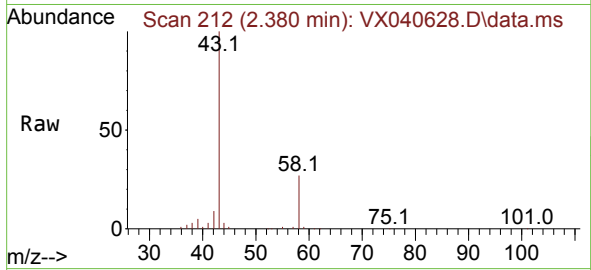
VSTDCCC020EC

Tgt Ion: 58 Resp: 15678

Ion Ratio Lower Upper

58 100

43 373.3 249.9 374.9



#16

Carbon Disulfide

Concen: 18.483 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.012 min

Lab File: VX040628.D

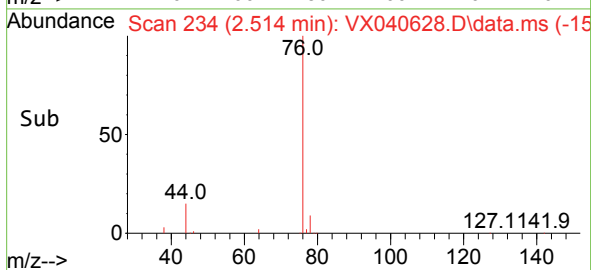
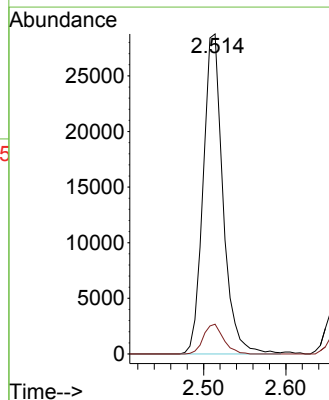
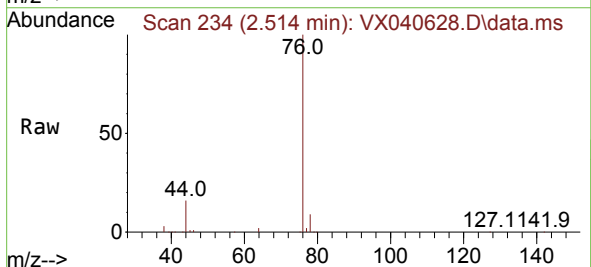
Acq: 08 Mar 2024 15:30

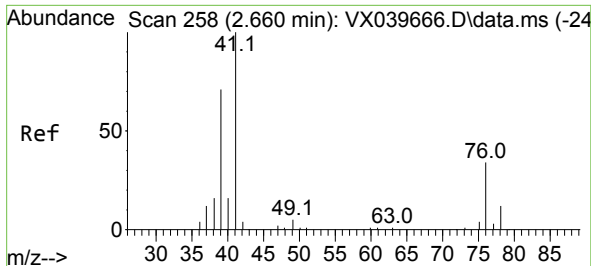
Tgt Ion: 76 Resp: 48146

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 19.747 ug/l

RT: 2.660 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

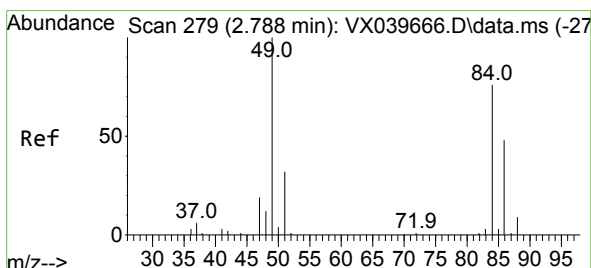
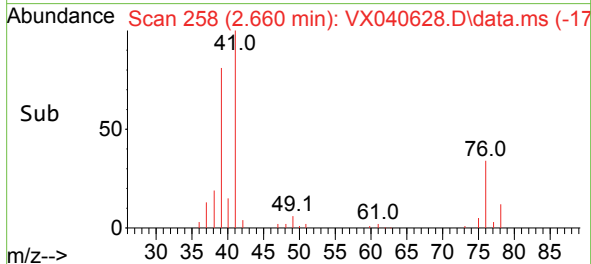
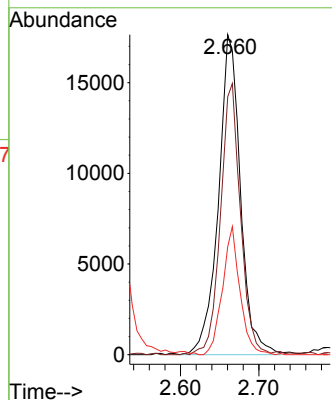
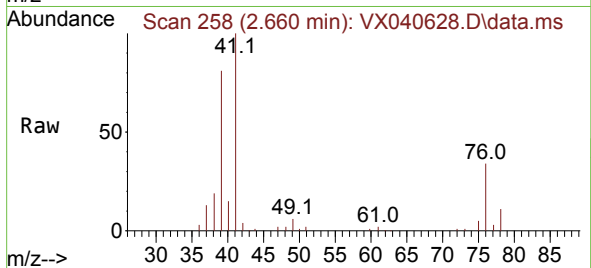
Tgt Ion: 41 Resp: 34539

Ion Ratio Lower Upper

41 100

39 80.6 36.5 109.5

76 33.4 19.7 59.0



#18

Methylene Chloride

Concen: 19.116 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Tgt Ion: 84 Resp: 20686

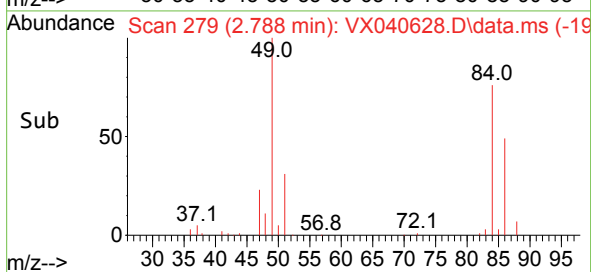
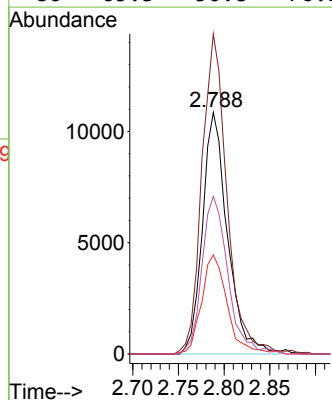
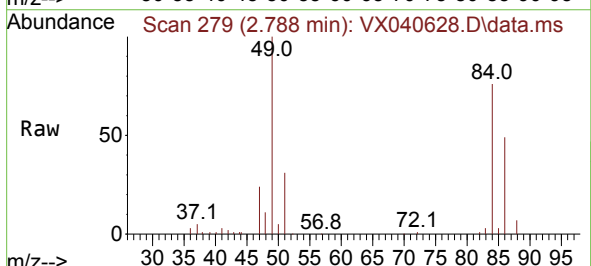
Ion Ratio Lower Upper

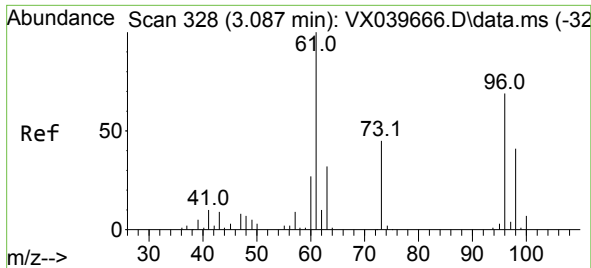
84 100

49 131.2 103.8 155.8

51 40.3 31.8 47.6

86 65.3 50.8 76.2

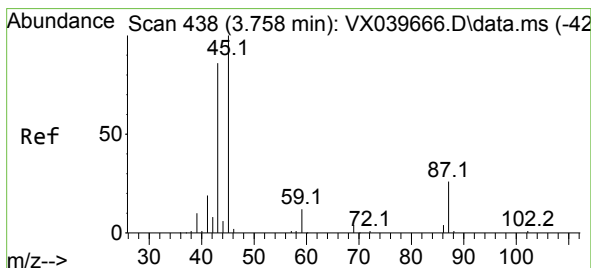
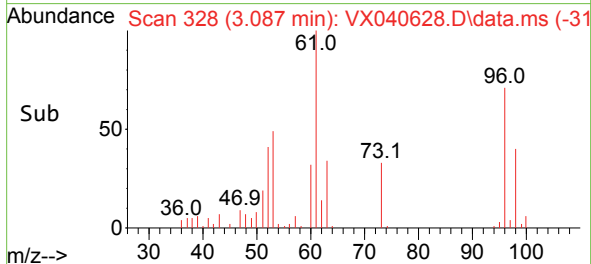
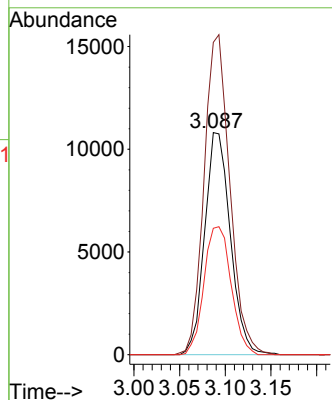
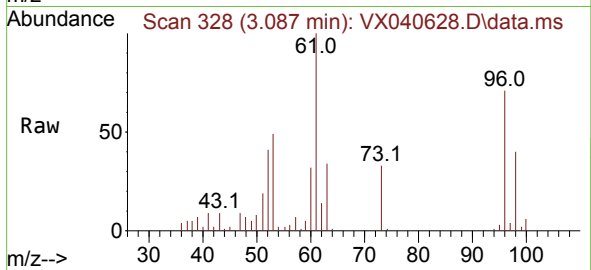




#19
trans-1,2-Dichloroethene
Concen: 20.409 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

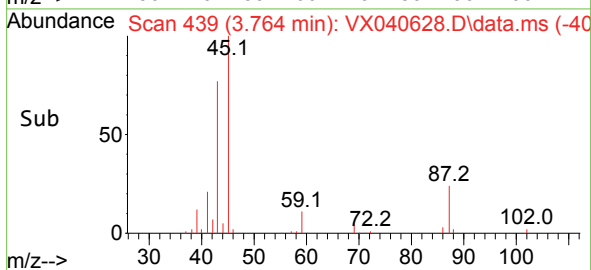
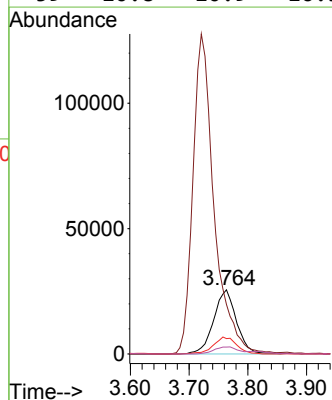
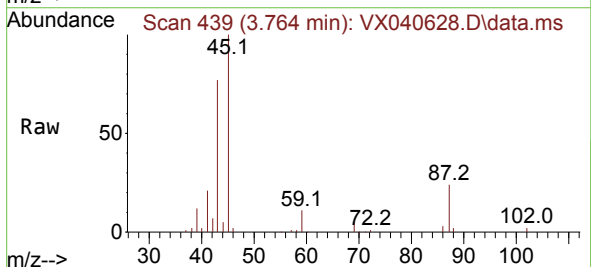
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

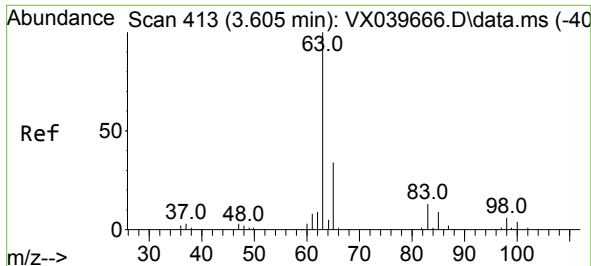
Tgt Ion: 96 Resp: 21119
Ion Ratio Lower Upper
96 100
61 140.7 117.9 176.9
98 56.9 51.0 76.6



#20
Diisopropyl ether
Concen: 19.706 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 45 Resp: 68932
Ion Ratio Lower Upper
45 100
43 75.0 67.7 101.5
87 24.0 21.5 32.3
59 10.8 10.9 16.3





#21

1,1-Dichloroethane

Concen: 20.110 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

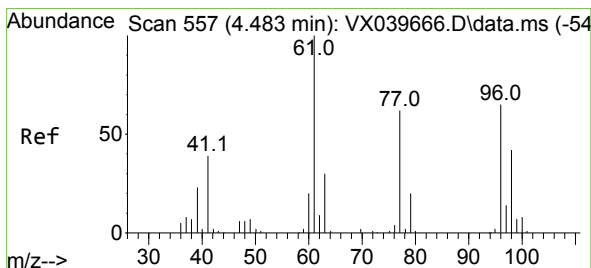
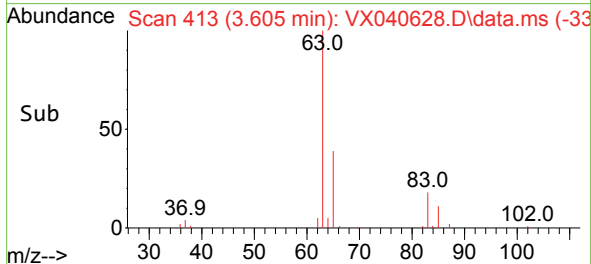
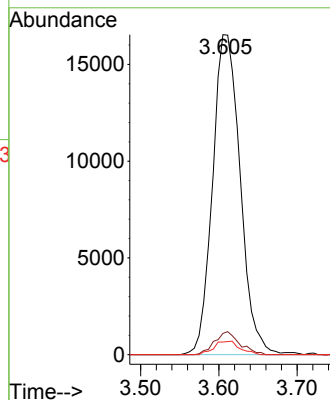
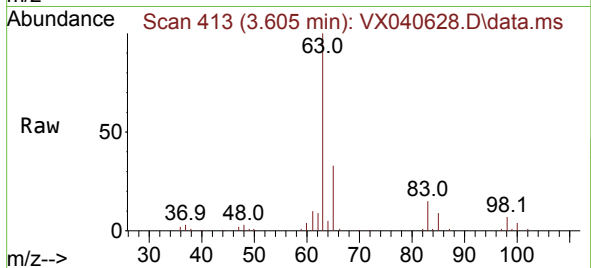
Tgt Ion: 63 Resp: 40479

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 3.9 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 19.922 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

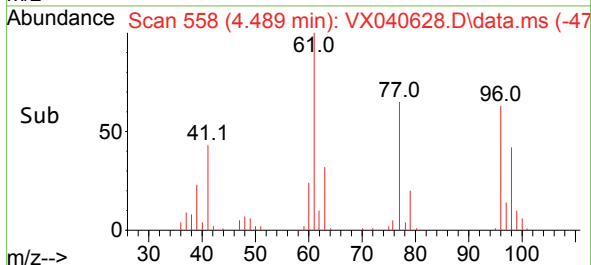
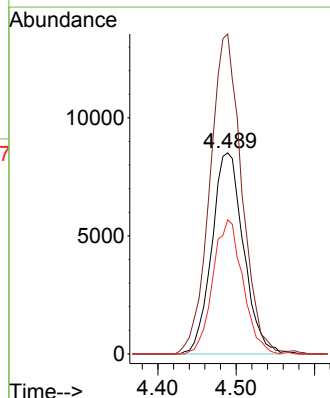
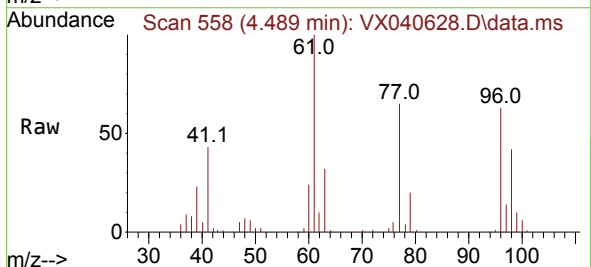
Tgt Ion: 96 Resp: 23940

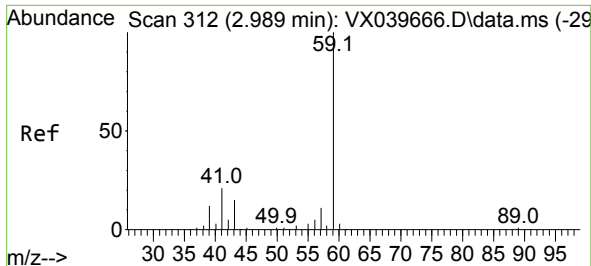
Ion Ratio Lower Upper

96 100

61 159.5 119.8 179.6

98 62.9 50.9 76.3

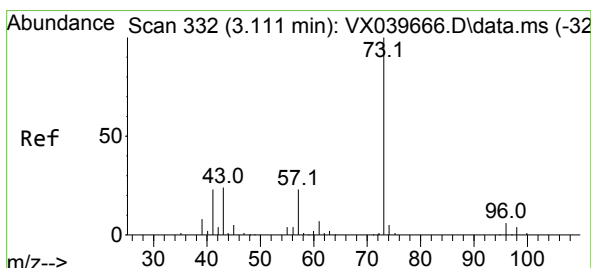
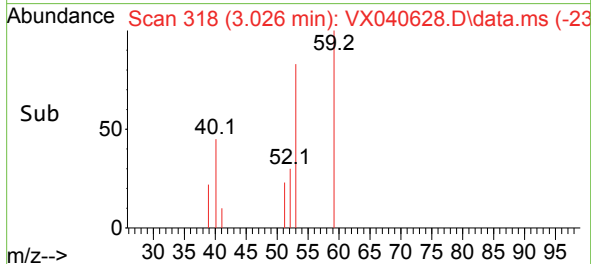
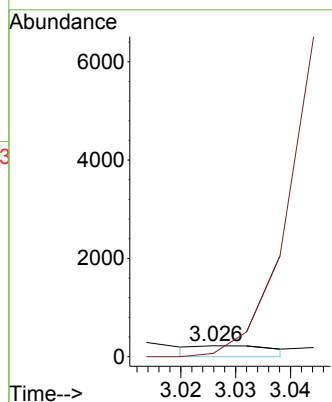
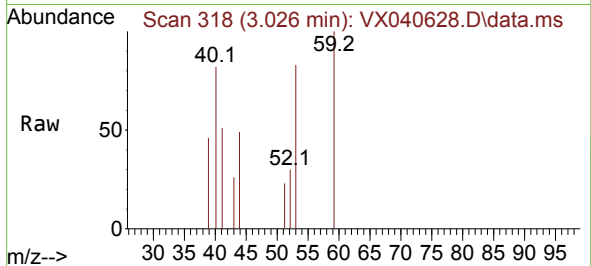




#23
tert-Butyl Alcohol
Concen: 0.751 ug/l
RT: 3.026 min Scan# 312
Delta R.T. 0.037 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

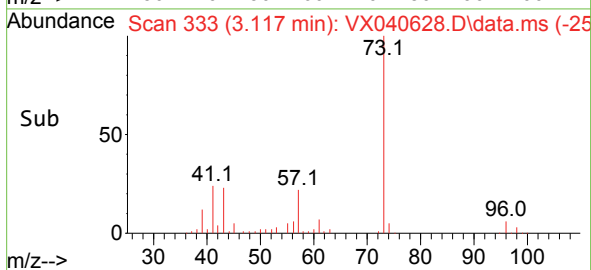
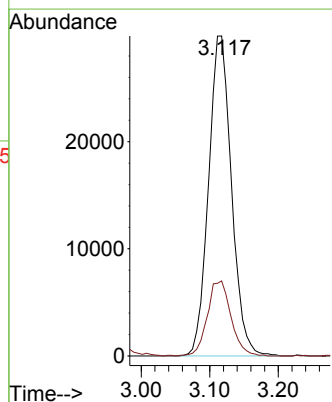
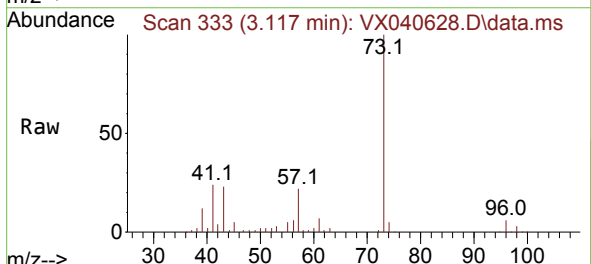
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

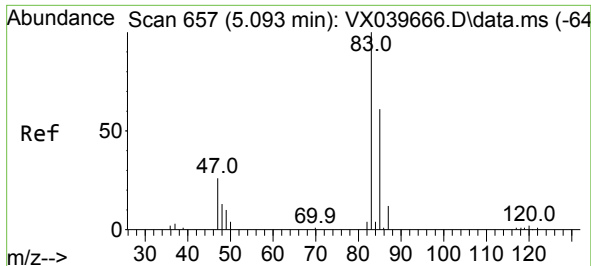
Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.866 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 73 Resp: 69490
Ion Ratio Lower Upper
73 100
43 24.2 17.0 25.6





#25

Chloroform

Concen: 19.731 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

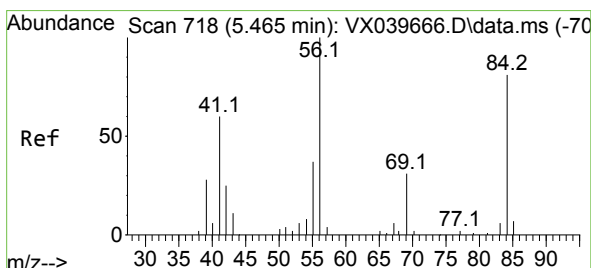
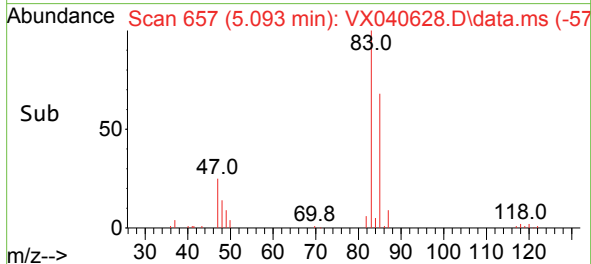
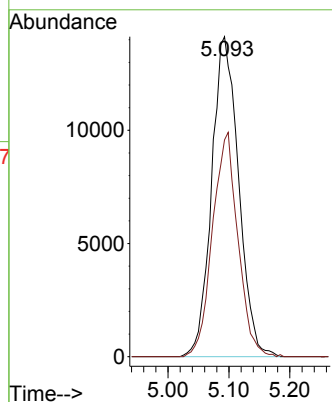
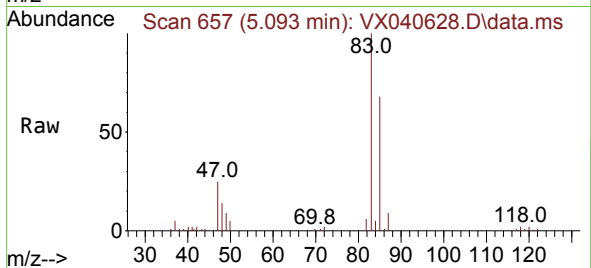
VSTDCCC020EC

Tgt Ion: 83 Resp: 43470

Ion Ratio Lower Upper

83 100

85 67.8 54.6 81.8



#26

Cyclohexane

Concen: 19.916 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

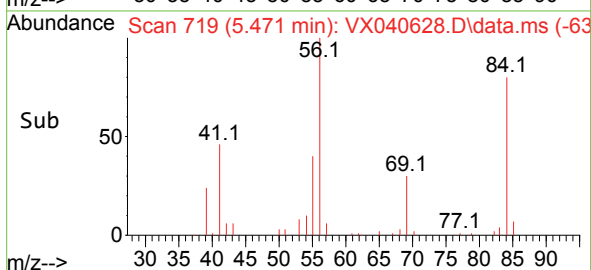
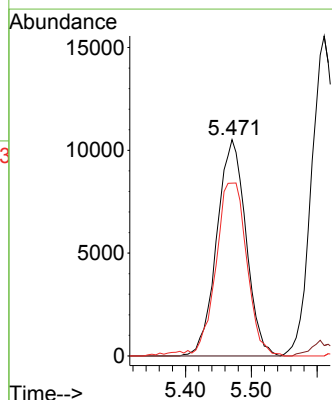
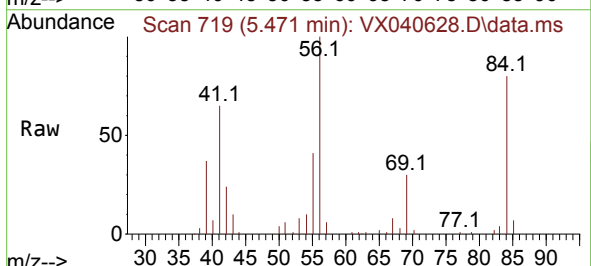
Tgt Ion: 56 Resp: 32354

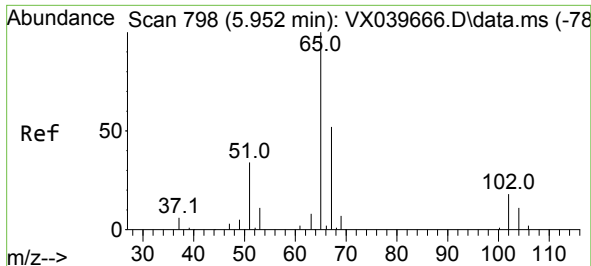
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 82.4 67.2 100.8

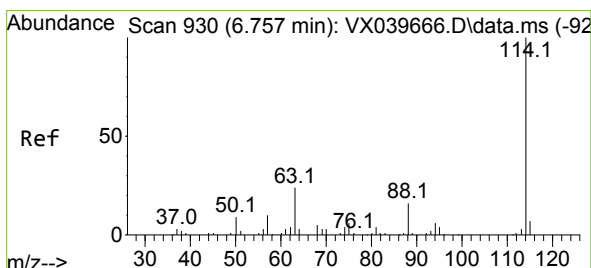
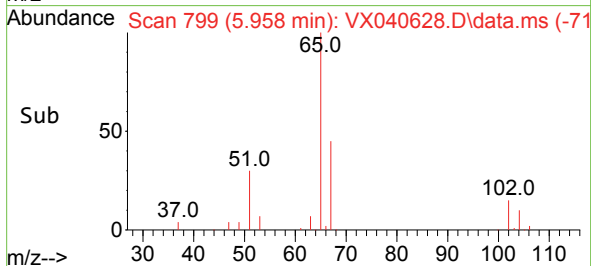
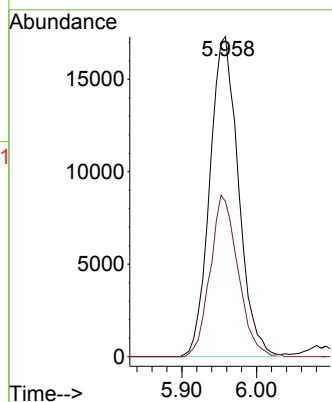
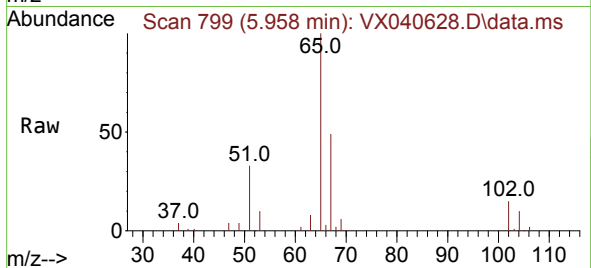




#27
1,2-Dichloroethane-d4
Concen: 29.090 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

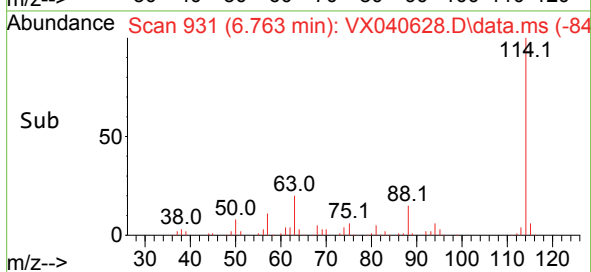
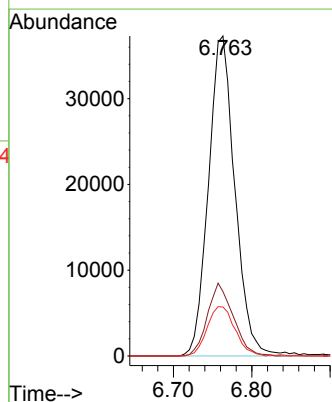
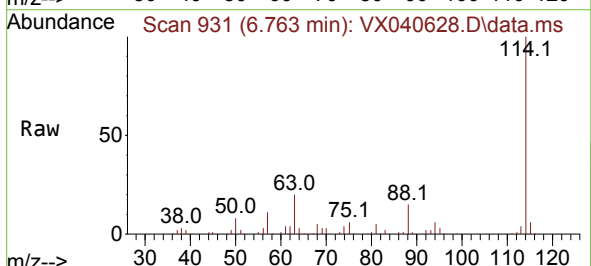
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

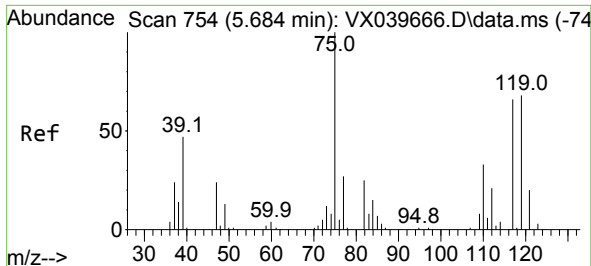
Tgt Ion: 65 Resp: 46177
Ion Ratio Lower Upper
65 100
67 48.9 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 114 Resp: 87434
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.4
88 16.2 12.7 19.1

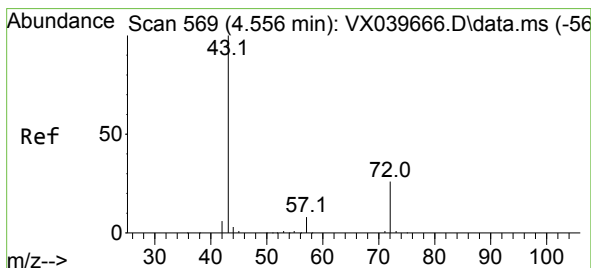
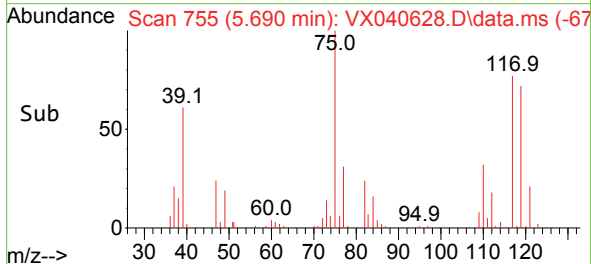
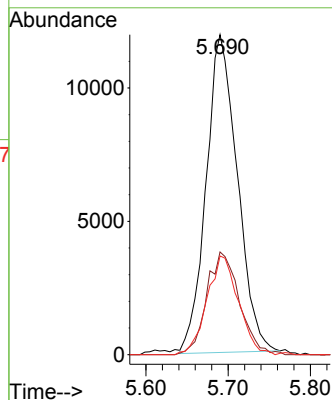
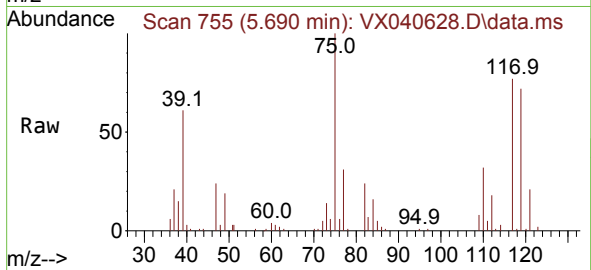




#29
1,1-Dichloropropene
Concen: 20.785 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

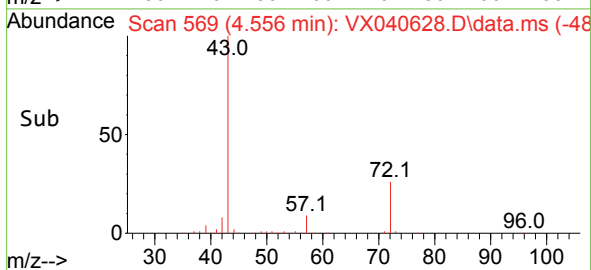
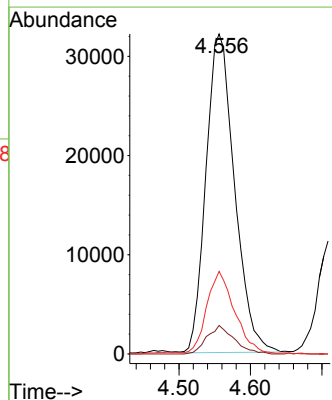
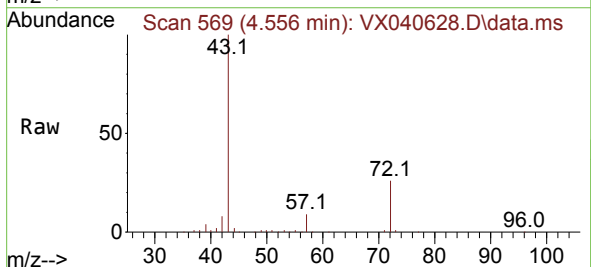
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

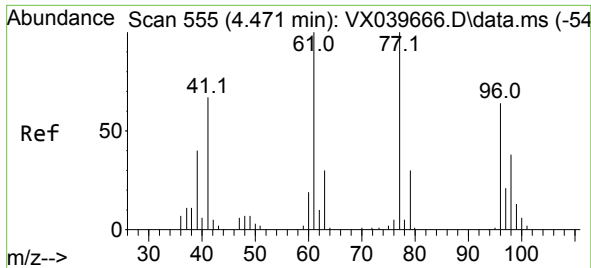
Tgt Ion: 75 Resp: 31457
Ion Ratio Lower Upper
75 100
110 33.5 0.0 71.2
77 31.2 0.0 62.6



#30
2-Butanone
Concen: 96.475 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 43 Resp: 89097
Ion Ratio Lower Upper
43 100
57 8.5 6.6 10.0
72 25.4 20.6 31.0

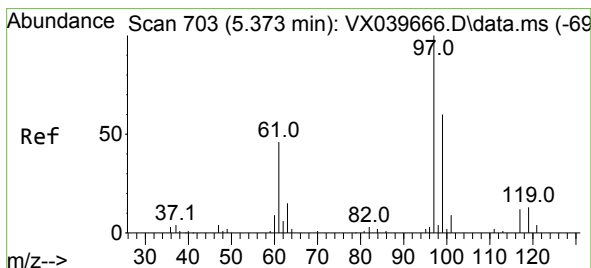
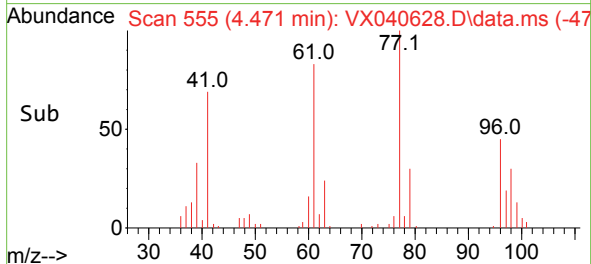
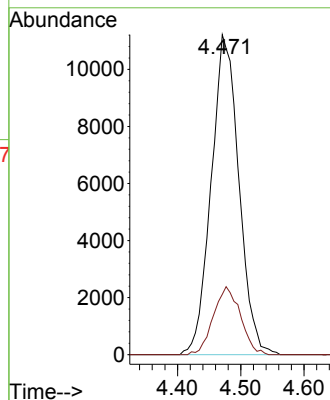
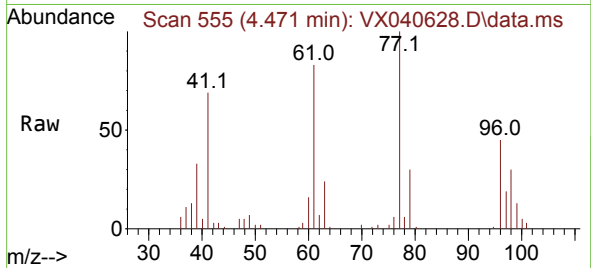




#31
2,2-Dichloropropane
Concen: 20.860 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

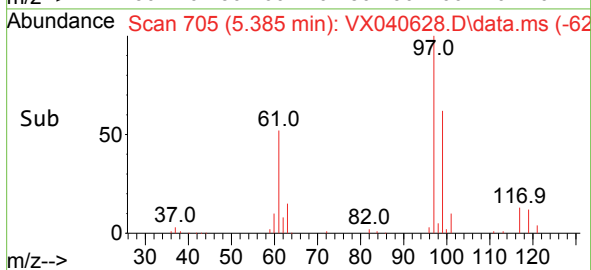
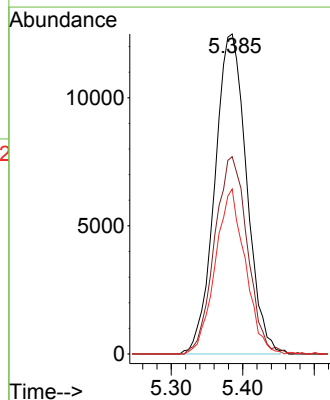
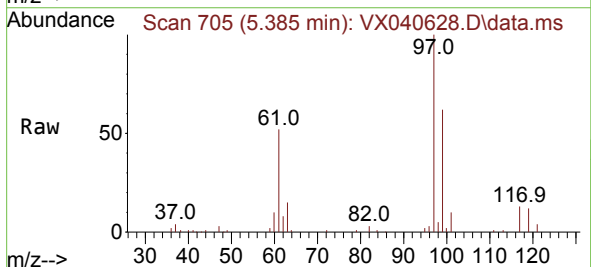
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

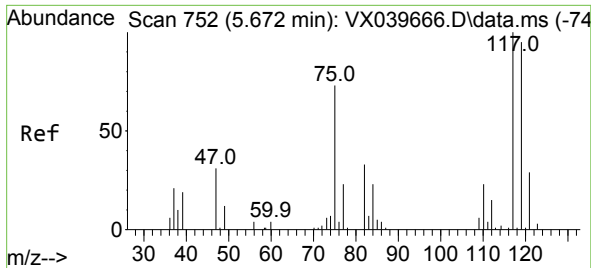
Tgt Ion: 77 Resp: 34073
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 20.218 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 97 Resp: 38556
Ion Ratio Lower Upper
97 100
99 63.6 52.6 79.0
61 48.8 36.9 55.3

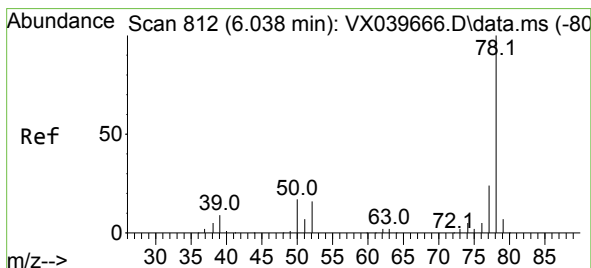
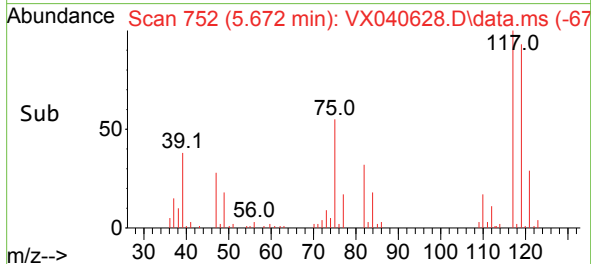
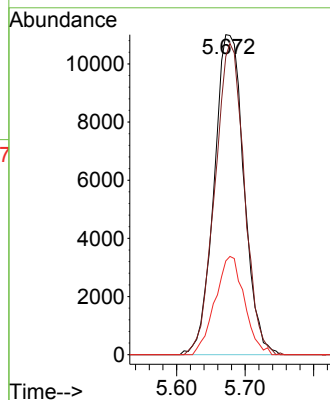
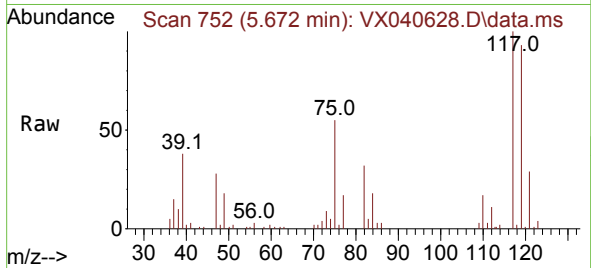




#33
Carbon Tetrachloride
Concen: 20.687 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

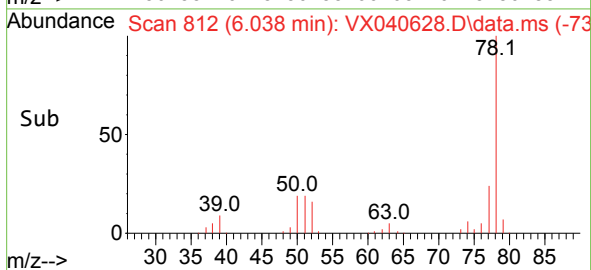
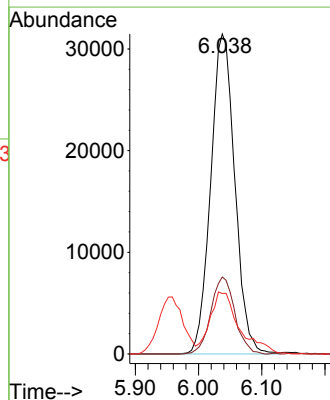
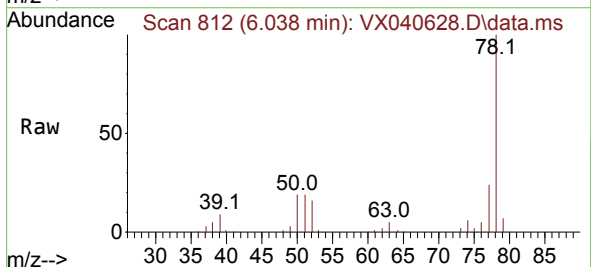
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

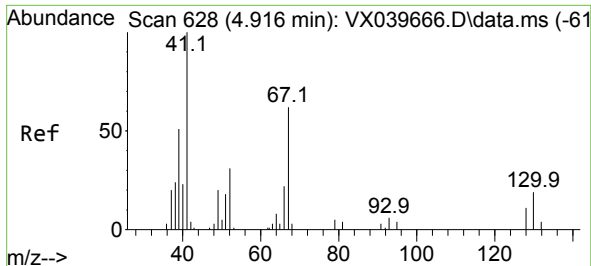
Tgt Ion:117 Resp: 33192
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.4
121 29.3 24.7 37.1



#34
Benzene
Concen: 20.360 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

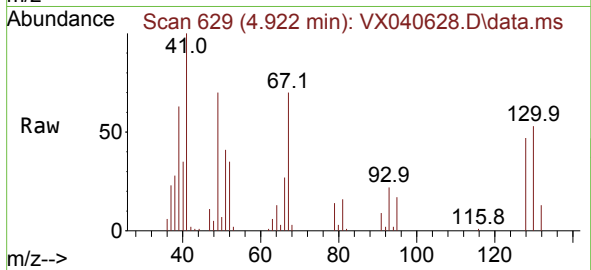
Tgt Ion: 78 Resp: 83183
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 18.6 14.4 21.6



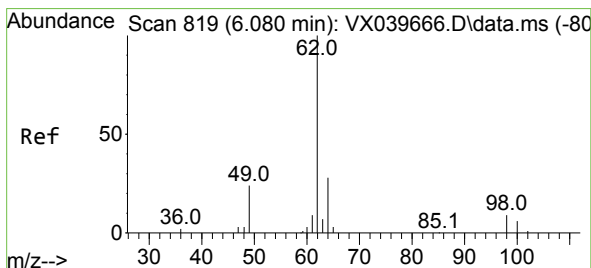
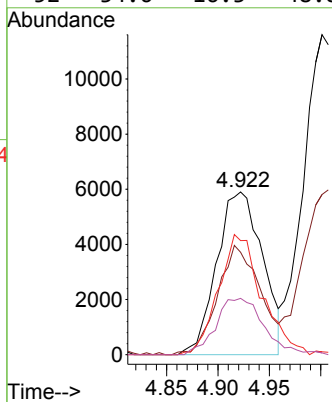
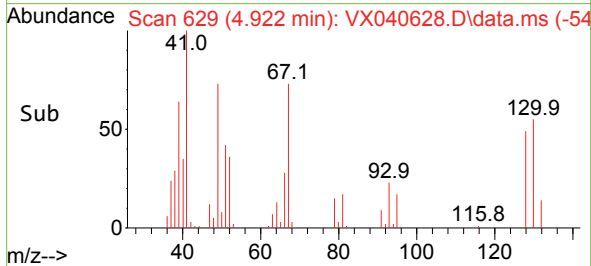


#35
Methacrylonitrile
Concen: 19.279 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

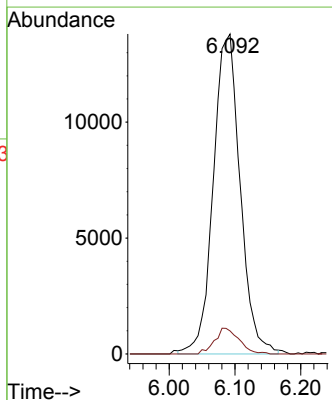
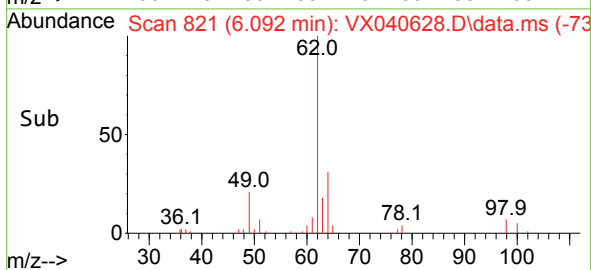
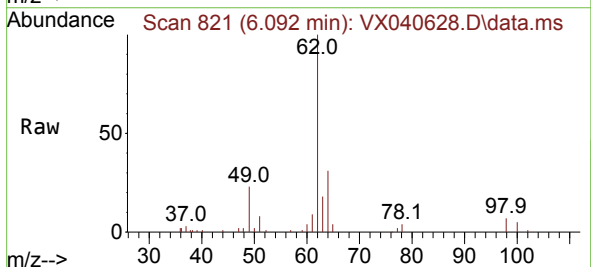


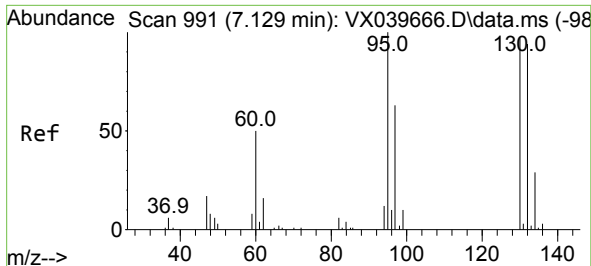
Tgt Ion:	41	Resp:	18278
Ion	Ratio	Lower	Upper
41	100		
39	61.4	28.2	84.7
67	70.2	34.5	103.5
52	34.6	16.3	48.8



#36
1,2-Dichloroethane
Concen: 20.753 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion:	62	Resp:	39202
Ion	Ratio	Lower	Upper
62	100		
98	7.2	7.0	10.4

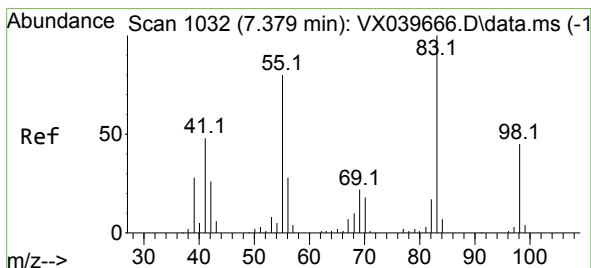
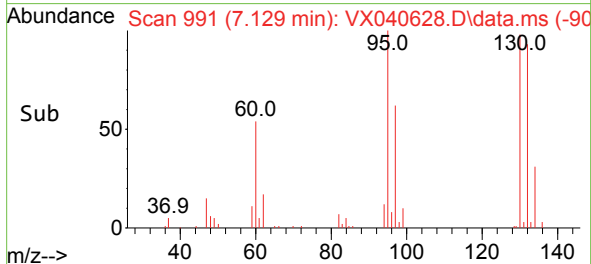
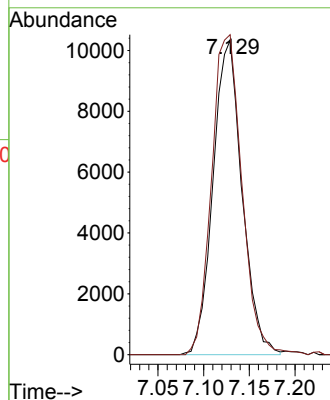
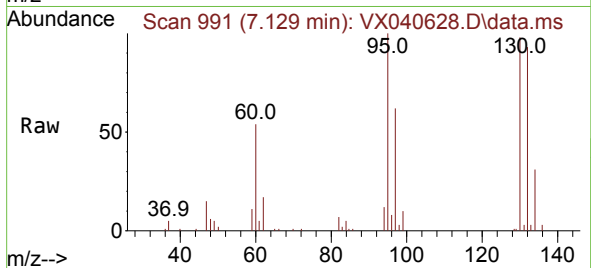




#37
Trichloroethene
Concen: 20.737 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

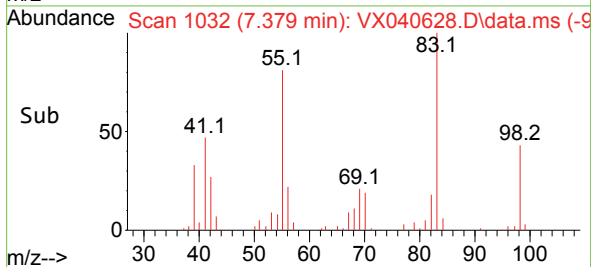
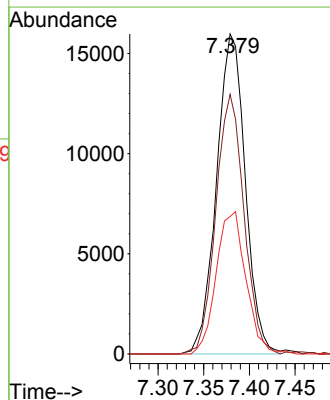
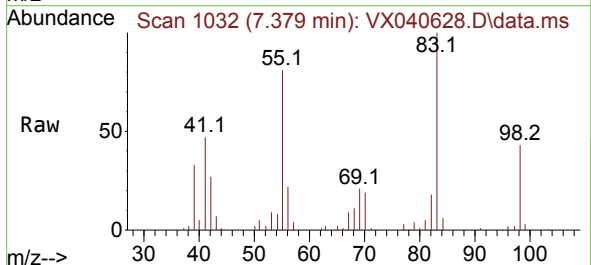
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

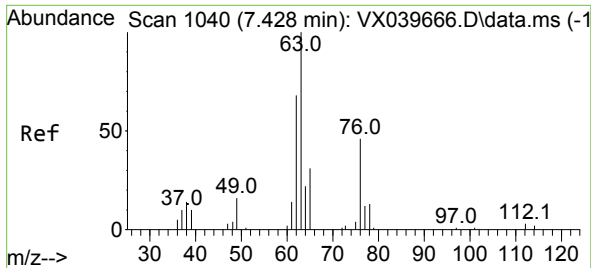
Tgt Ion:130 Resp: 22767
Ion Ratio Lower Upper
130 100
95 101.8 85.8 128.8



#38
Methylcyclohexane
Concen: 21.468 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 83 Resp: 34985
Ion Ratio Lower Upper
83 100
55 79.4 38.6 116.0
98 45.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.899 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

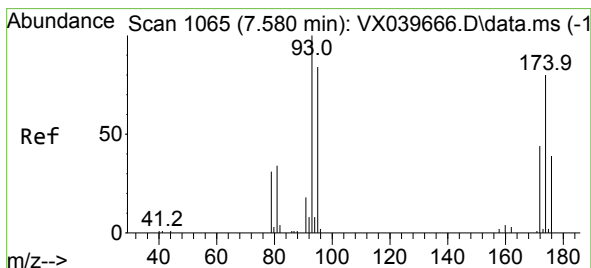
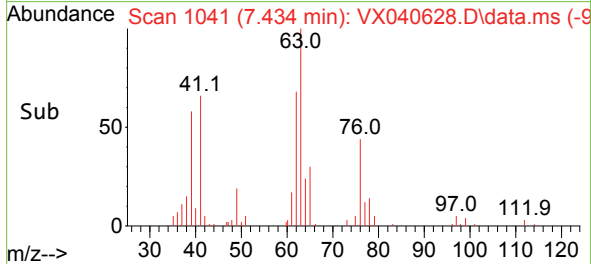
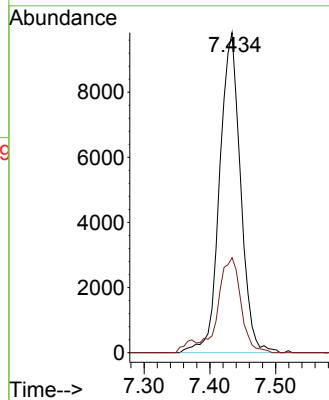
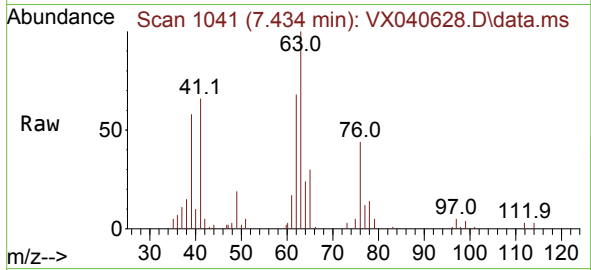
VSTDCCC020EC

Tgt Ion: 63 Resp: 21740

Ion Ratio Lower Upper

63 100

65 29.7 24.6 37.0



#40

Dibromomethane

Concen: 20.428 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

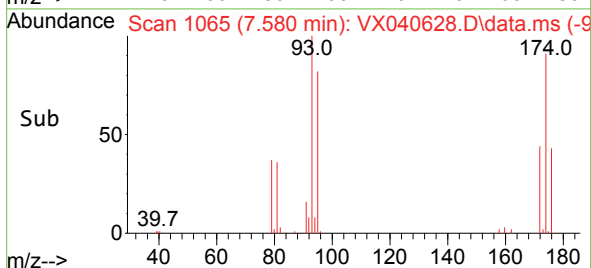
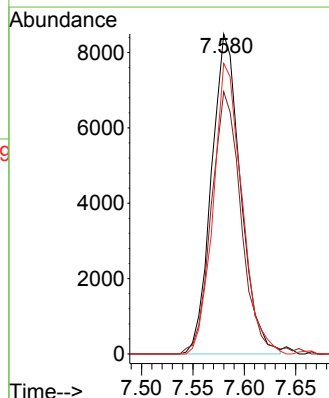
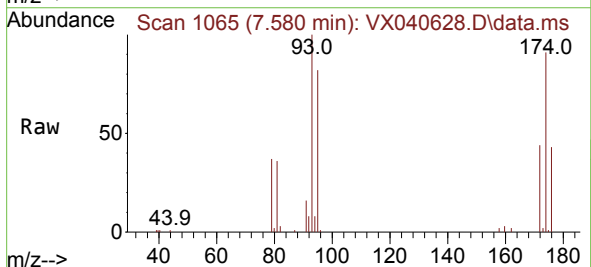
Tgt Ion: 93 Resp: 16694

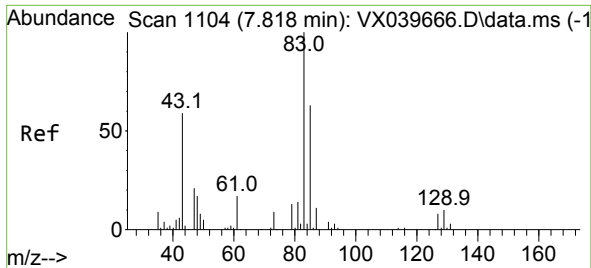
Ion Ratio Lower Upper

93 100

95 83.9 0.0 163.4

174 89.1 0.0 166.4

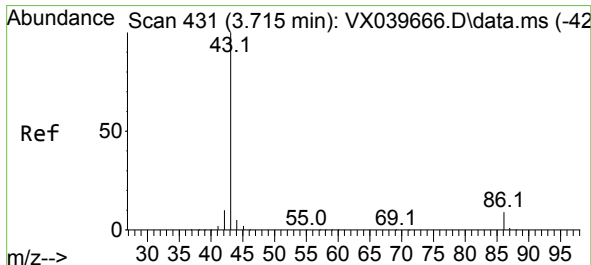
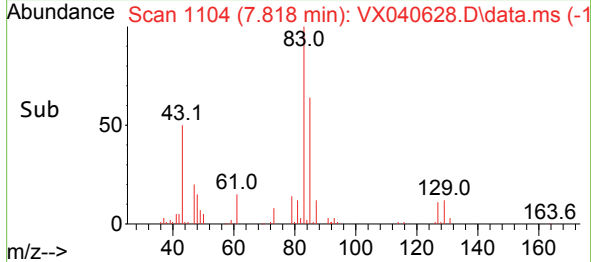
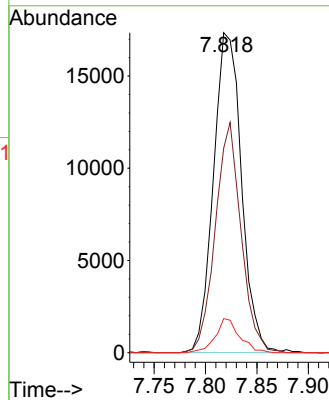
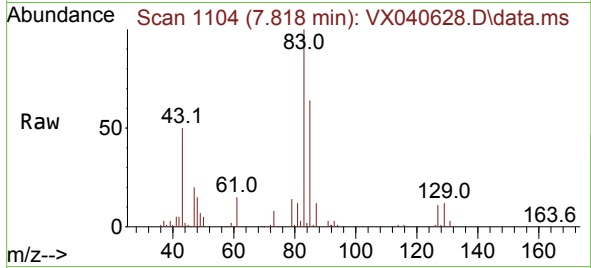




#41
Bromodichloromethane
Concen: 20.209 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

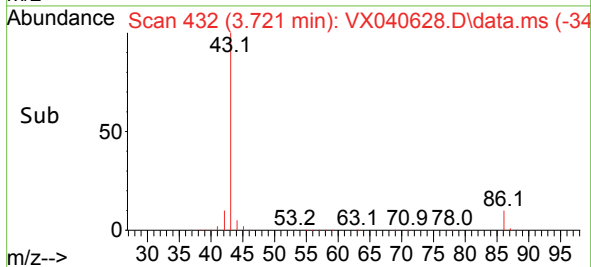
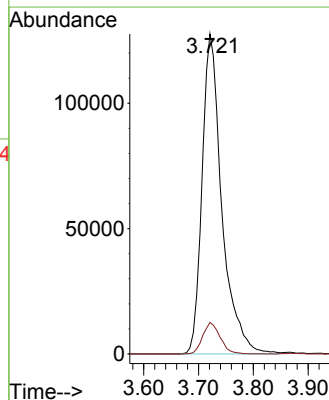
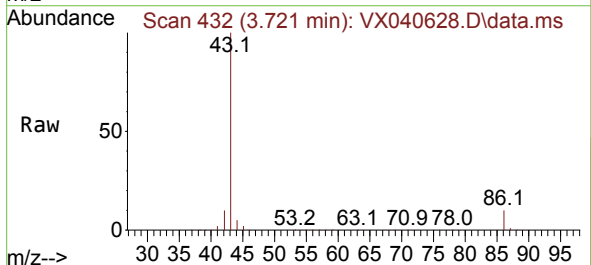
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

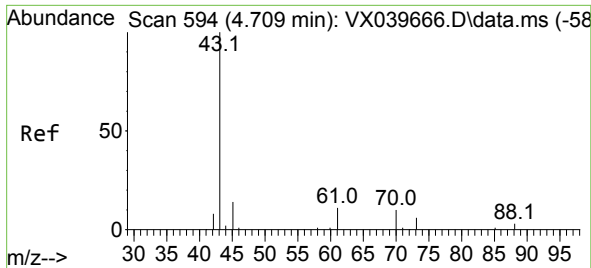
Tgt Ion: 83 Resp: 32855
Ion Ratio Lower Upper
83 100
85 64.0 50.8 76.2
127 10.6 5.9 8.9#



#42
Vinyl Acetate
Concen: 100.626 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 43 Resp: 319959
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1

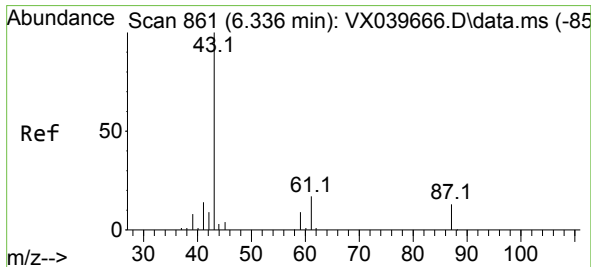
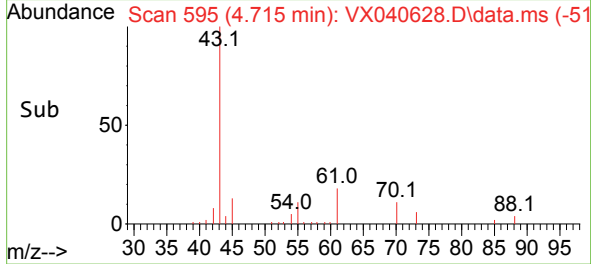
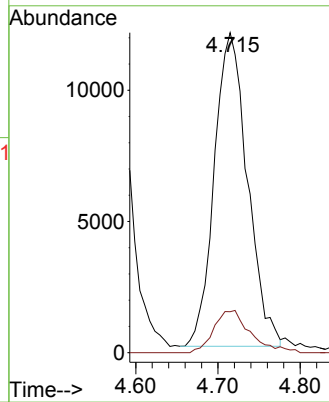
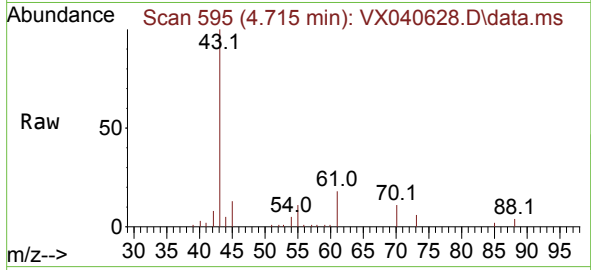




#43
Ethyl Acetate
Concen: 19.291 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

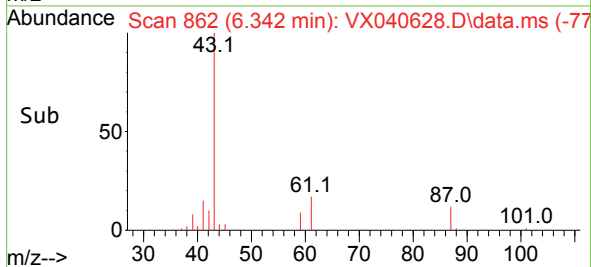
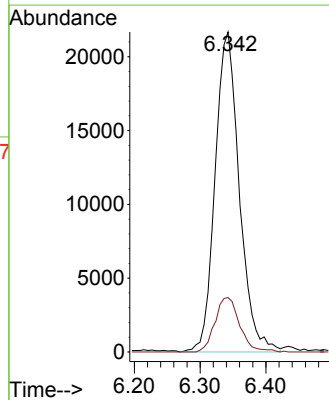
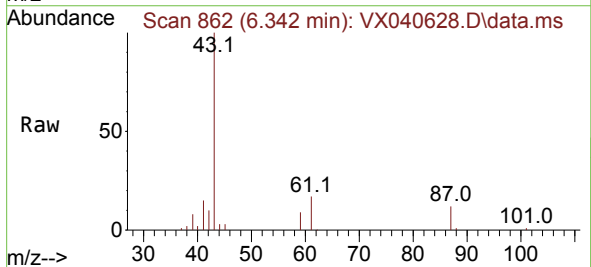
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

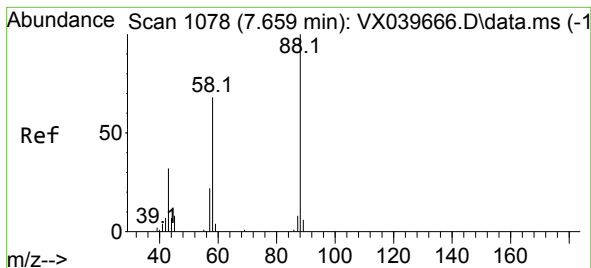
Tgt Ion: 43 Resp: 33553
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.031 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 43 Resp: 55612
Ion Ratio Lower Upper
43 100
61 17.3 15.6 23.4





#45

1,4-Dioxane

Concen: 334.915 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

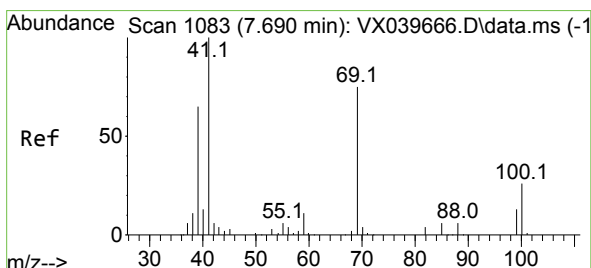
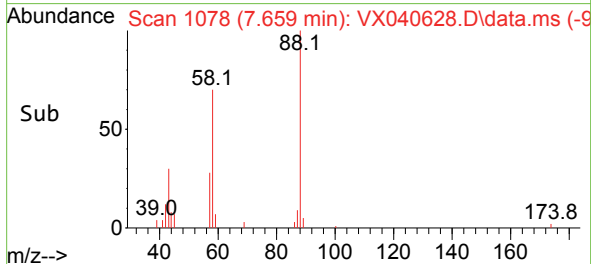
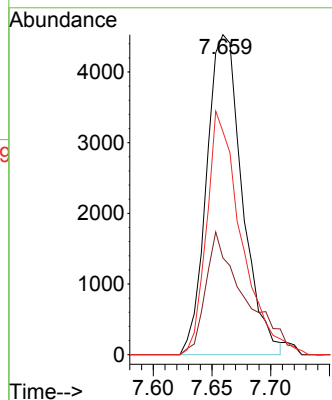
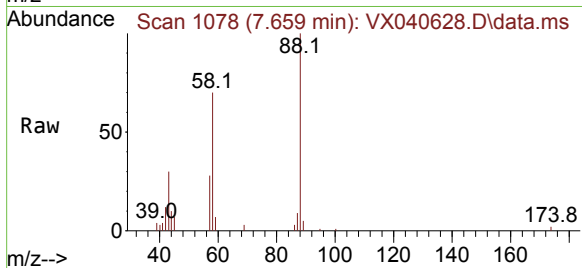
Tgt Ion: 88 Resp: 9558

Ion Ratio Lower Upper

88 100

43 36.0 28.1 42.1

58 73.9 57.7 86.5



#46

Methyl methacrylate

Concen: 21.090 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

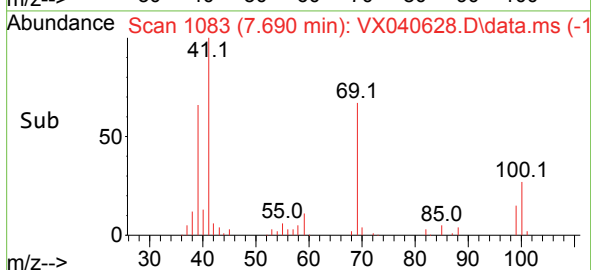
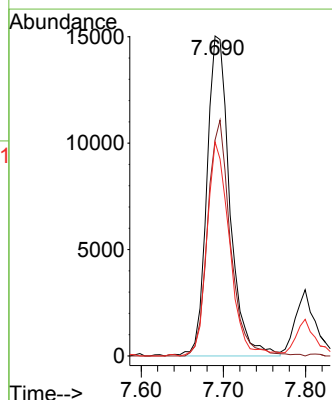
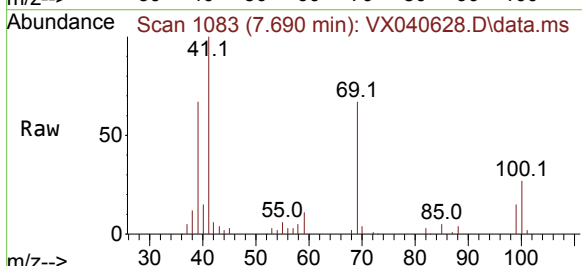
Tgt Ion: 41 Resp: 29082

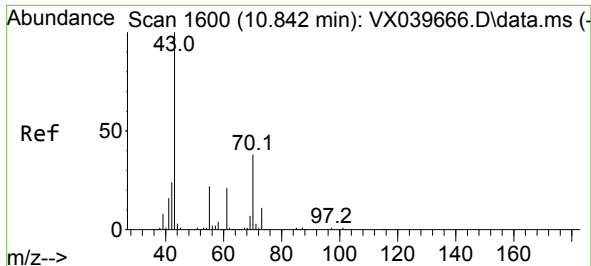
Ion Ratio Lower Upper

41 100

69 67.7 39.6 118.8

39 67.1 30.1 90.3

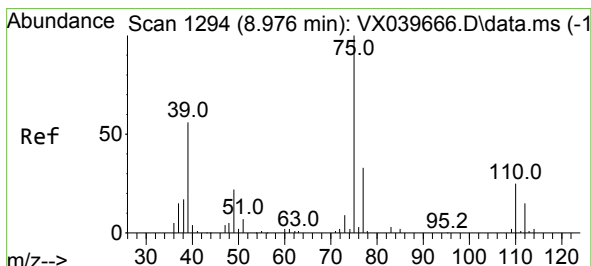
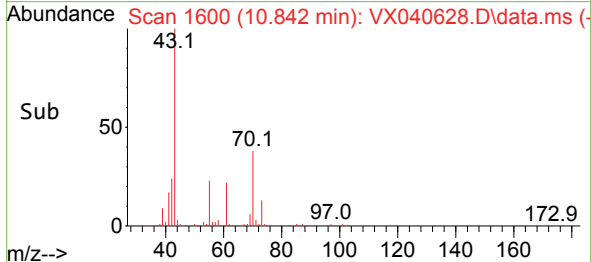
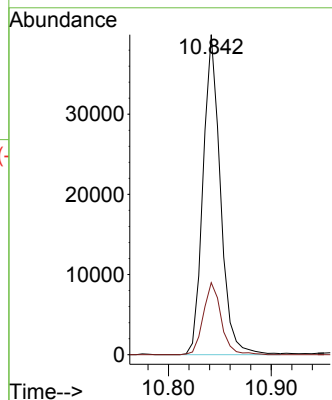
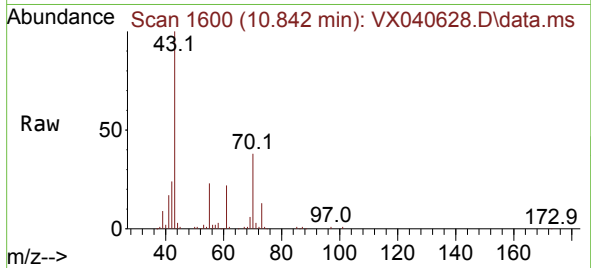




#47
n-amy1 Acetate
Concen: 19.626 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

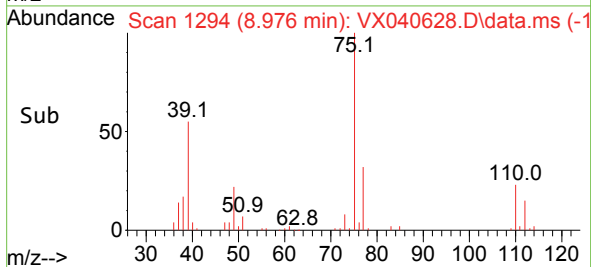
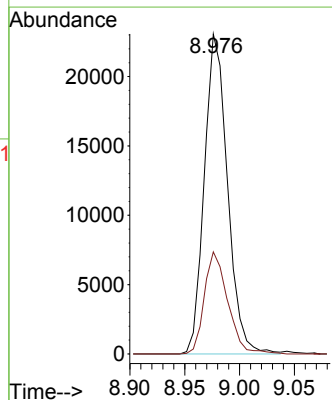
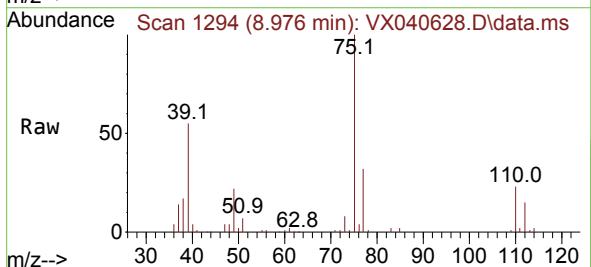
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

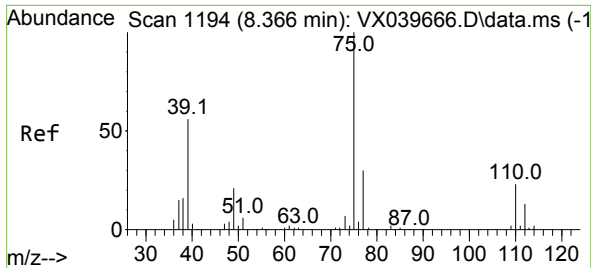
Tgt Ion: 43 Resp: 46960
Ion Ratio Lower Upper
43 100
55 23.1 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.751 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 75 Resp: 33938
Ion Ratio Lower Upper
75 100
77 31.9 26.8 40.2

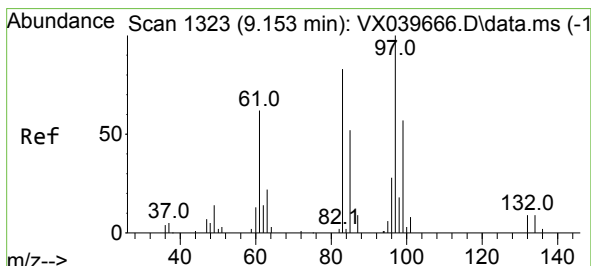
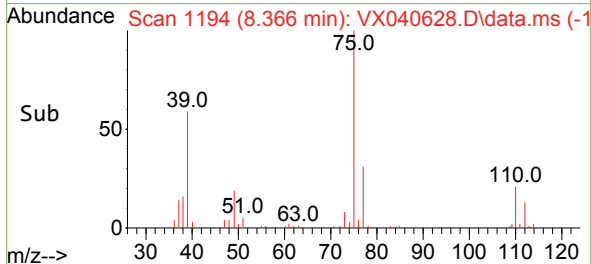
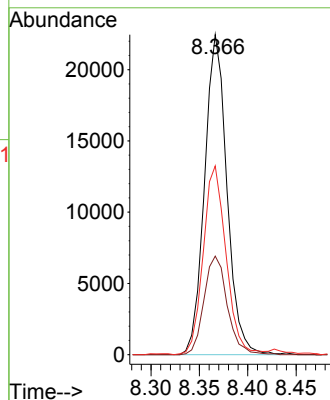
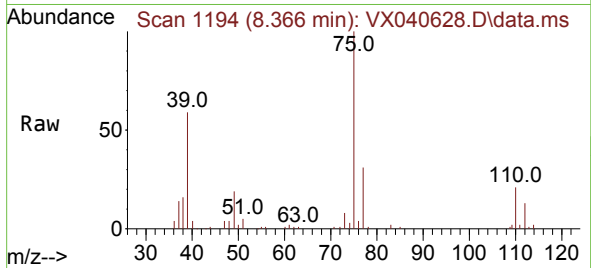




#49
 cis-1,3-Dichloropropene
 Concen: 20.686 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

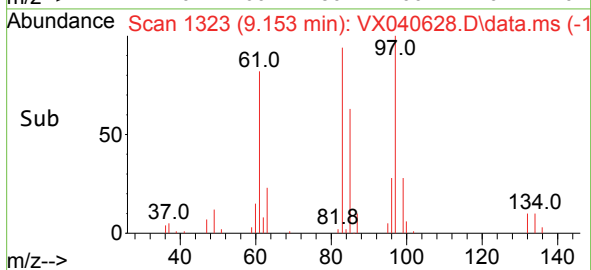
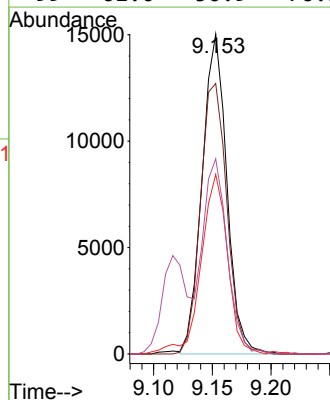
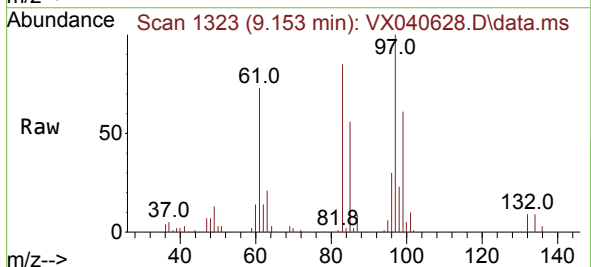
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

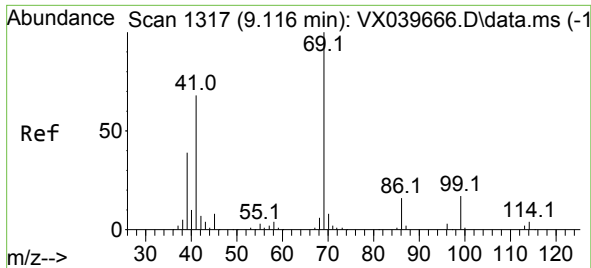
Tgt Ion:	75	Resp:	36209
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.4	36.6
39	58.7	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 20.300 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

Tgt Ion:	97	Resp:	22036
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.0	103.6
85	55.6	46.3	69.5
99	61.0	50.9	76.3

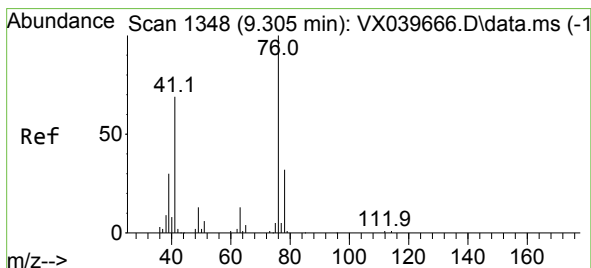
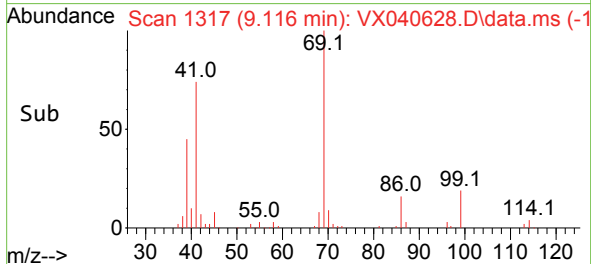
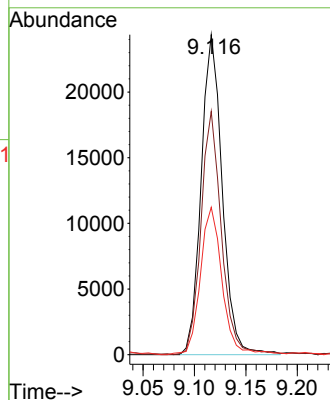
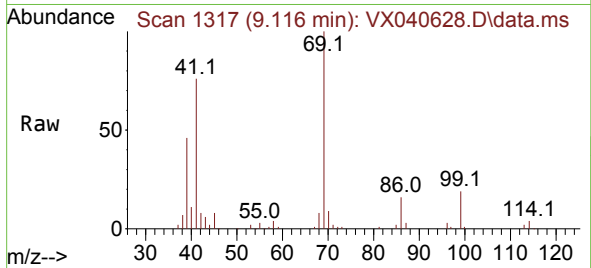




#51
Ethyl methacrylate
Concen: 20.411 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

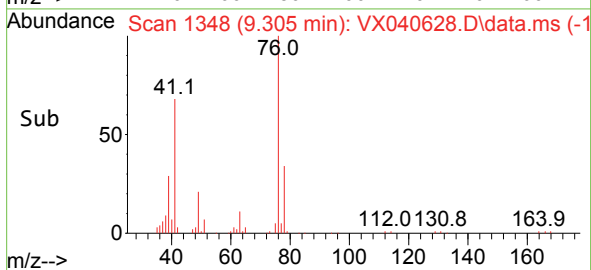
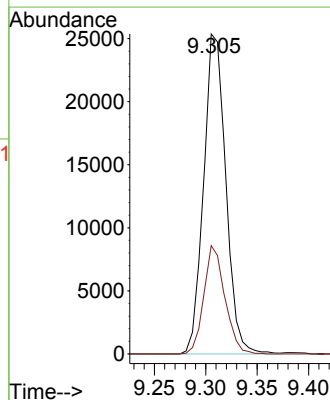
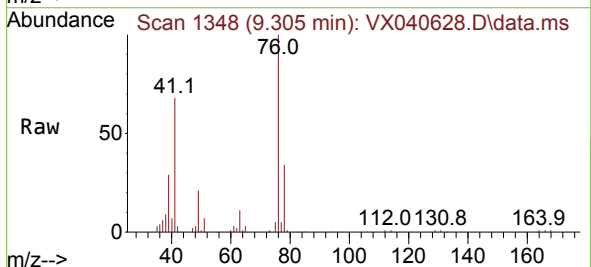
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

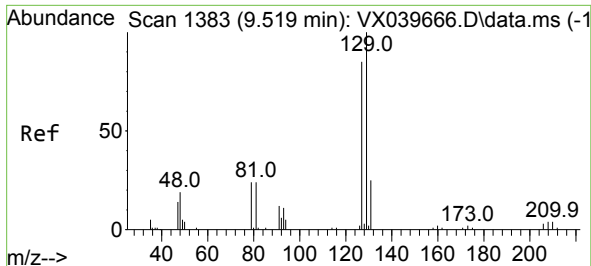
Tgt Ion: 69 Resp: 34882
Ion Ratio Lower Upper
69 100
41 75.7 36.2 108.6
39 45.5 21.1 63.4



#52
1,3-Dichloropropane
Concen: 20.657 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 76 Resp: 38262
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0

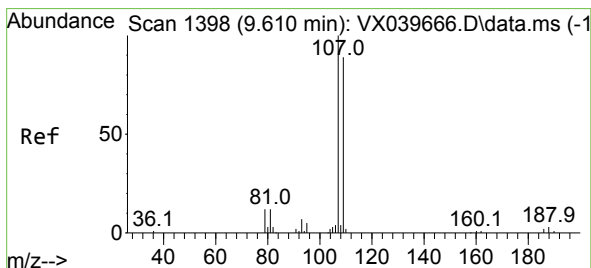
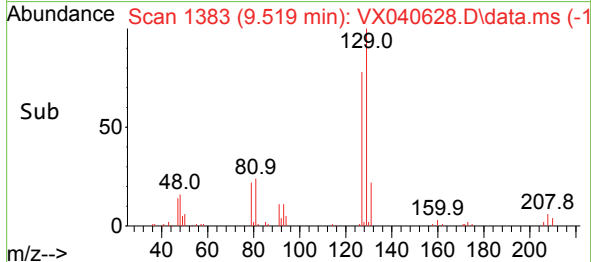
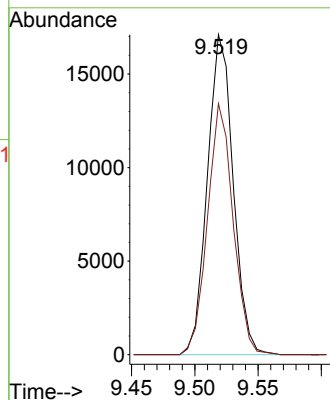
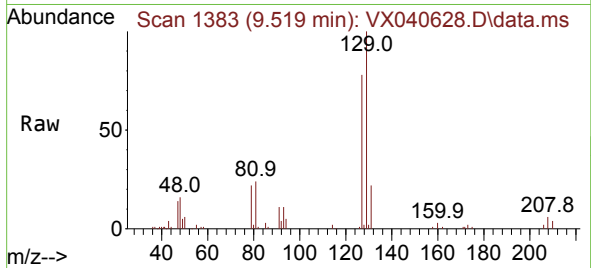




#53
Dibromochloromethane
Concen: 19.638 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

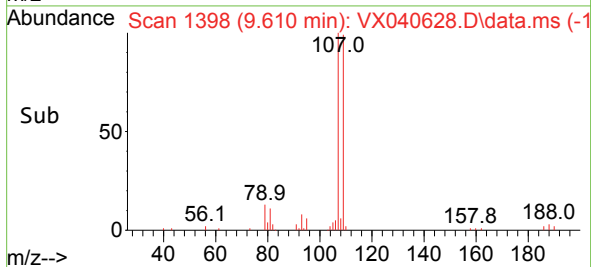
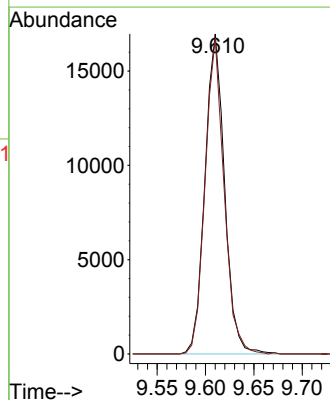
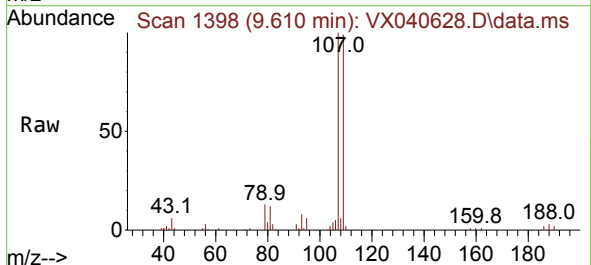
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

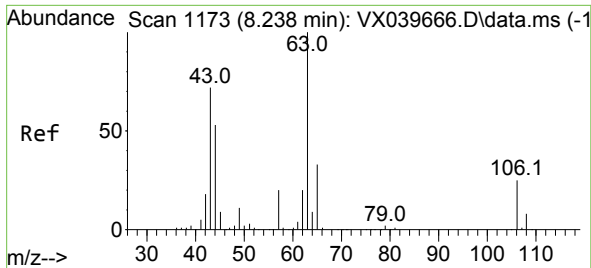
Tgt Ion:129 Resp: 24301
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.952 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion:107 Resp: 23965
Ion Ratio Lower Upper
107 100
109 95.3 75.1 112.7

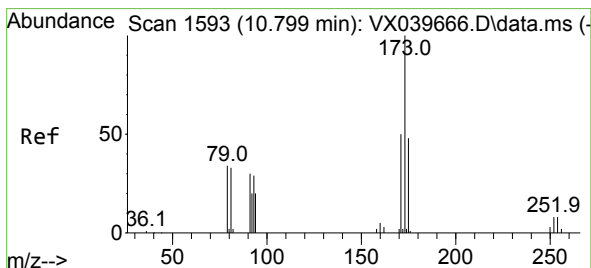
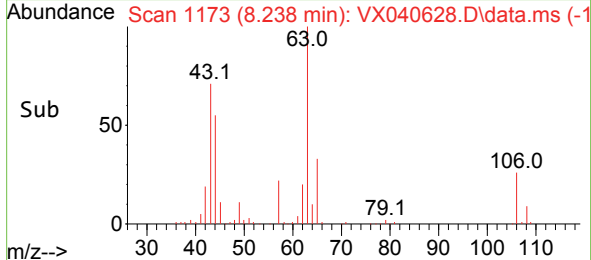
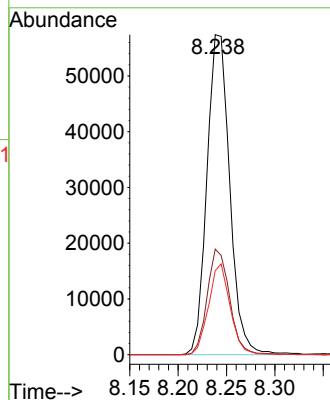
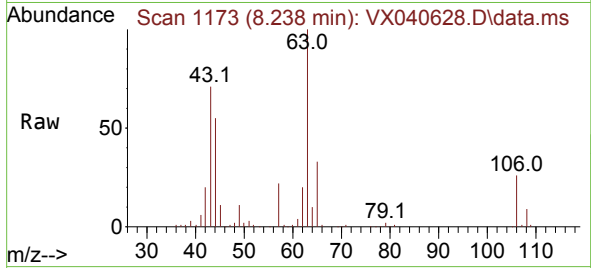




#55
 2-Chloroethyl vinyl ether
 Concen: 108.397 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

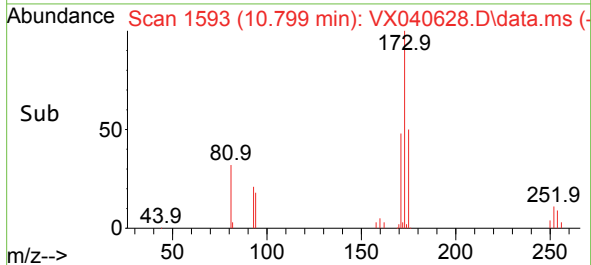
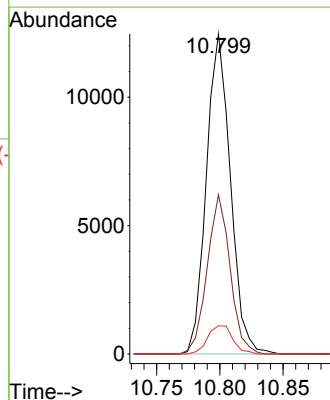
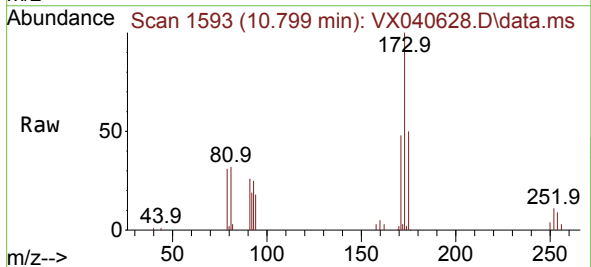
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

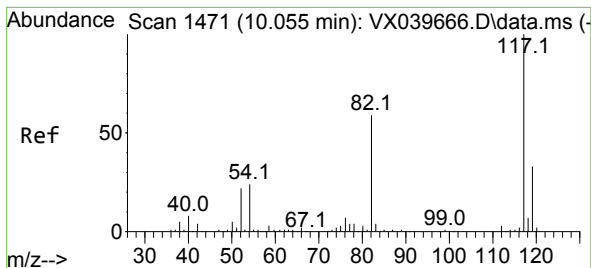
Tgt Ion: 63	Resp: 94336
Ion Ratio	Lower Upper
63	100
65	32.4 25.8 38.6
106	26.9 20.6 31.0



#56
 Bromoform
 Concen: 18.784 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

Tgt Ion: 173	Resp: 16487
Ion Ratio	Lower Upper
173	100
175	47.4 37.6 56.4
254	9.2 5.8 8.8#

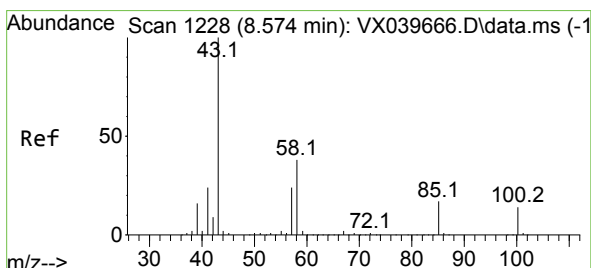
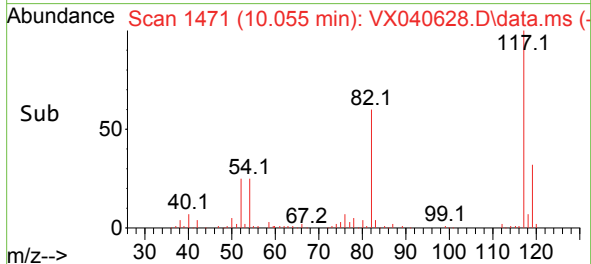
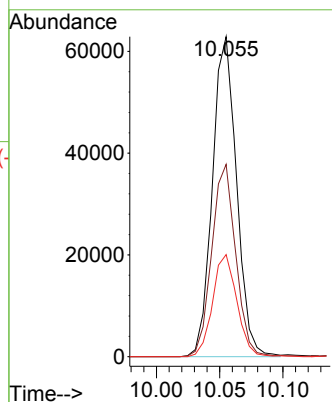
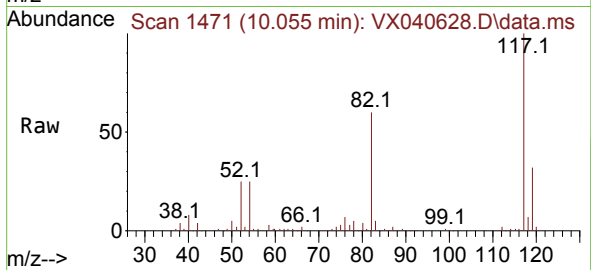




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

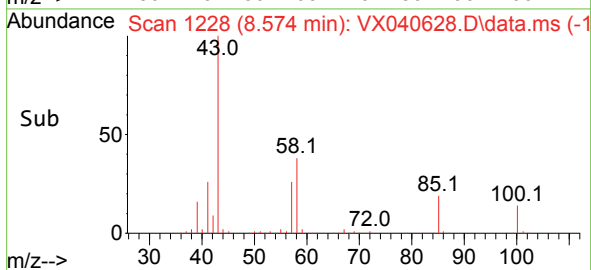
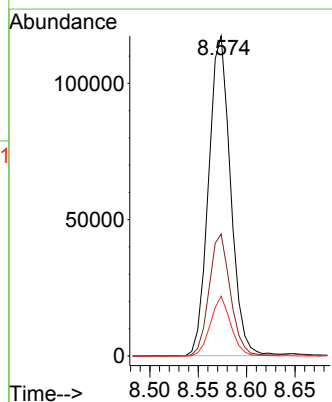
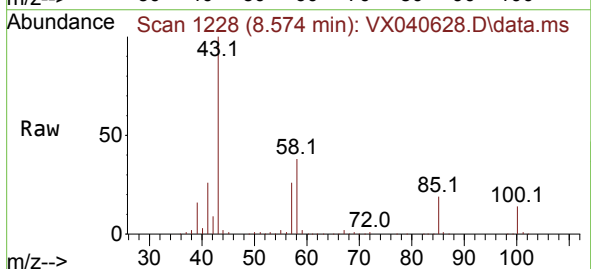
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

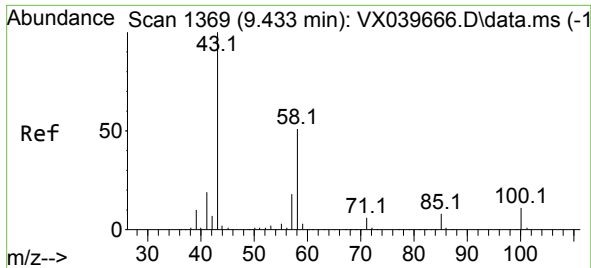
Tgt Ion:117 Resp: 83437
Ion Ratio Lower Upper
117 100
82 59.9 47.0 70.6
119 32.0 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 99.812 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 43 Resp: 185444
Ion Ratio Lower Upper
43 100
58 37.1 30.1 45.1
85 17.3 13.9 20.9

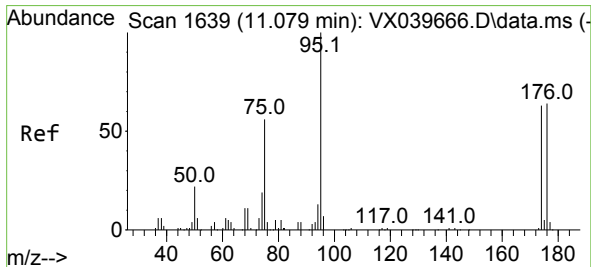
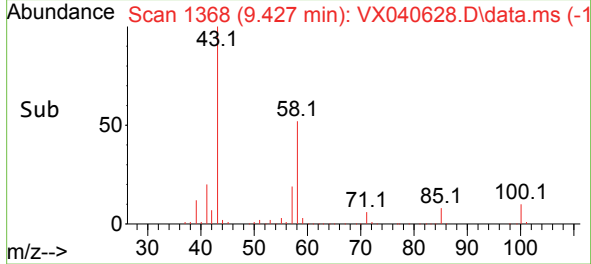
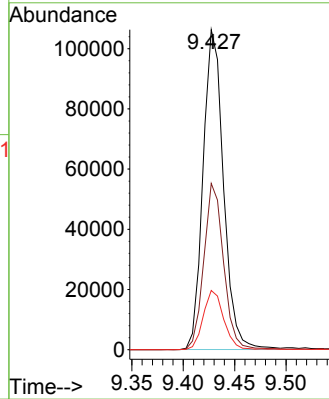
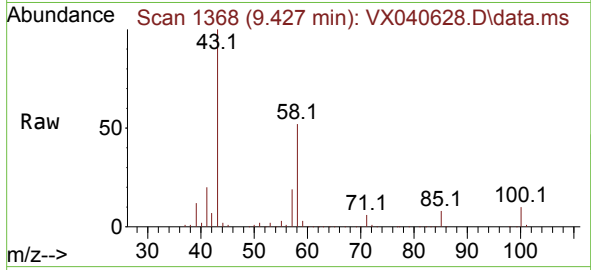




#59
2-Hexanone
Concen: 98.168 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

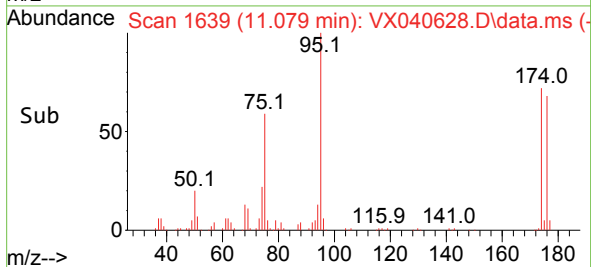
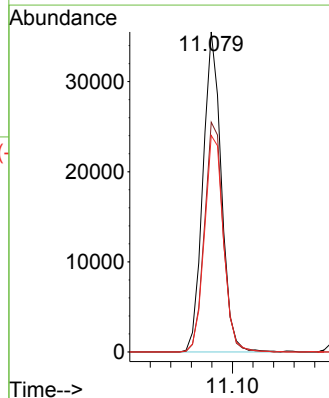
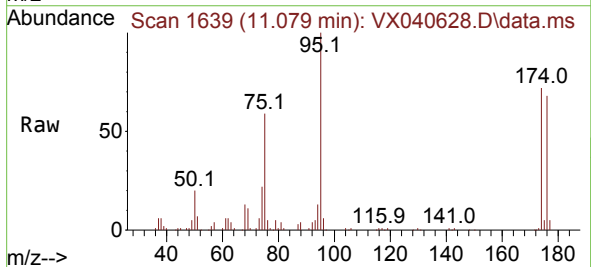
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

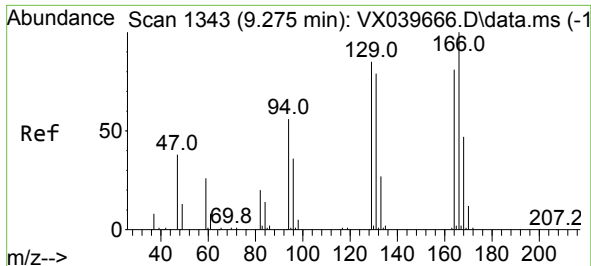
Tgt Ion:	43	Resp:	147323
Ion	Ratio	Lower	Upper
43	100		
58	50.3	42.7	64.1
57	18.5	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 30.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion:	95	Resp:	44043
Ion	Ratio	Lower	Upper
95	100		
174	73.4	55.4	83.2
176	70.3	52.6	78.8

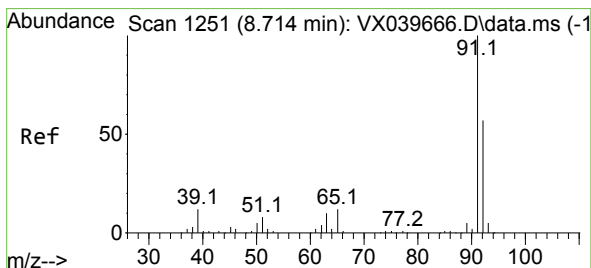
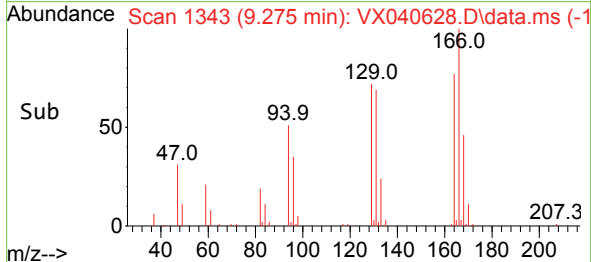
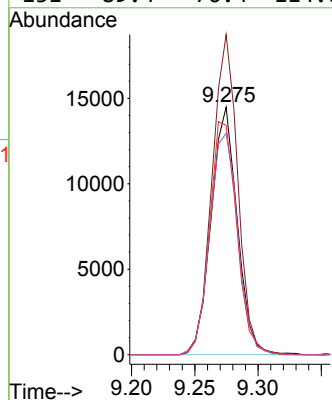
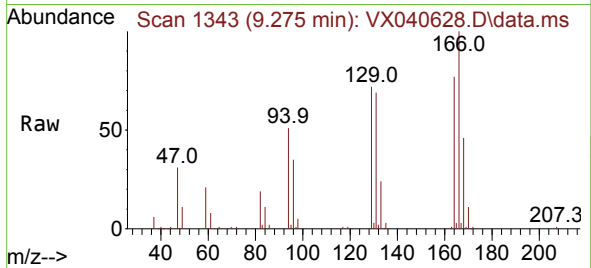




#61
Tetrachloroethene
Concen: 21.028 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

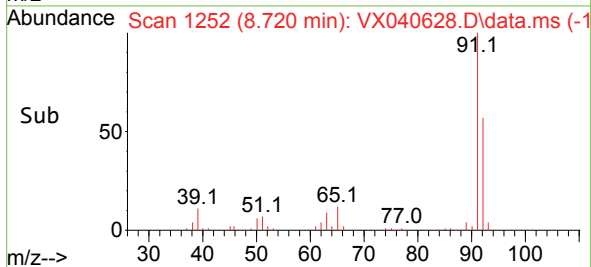
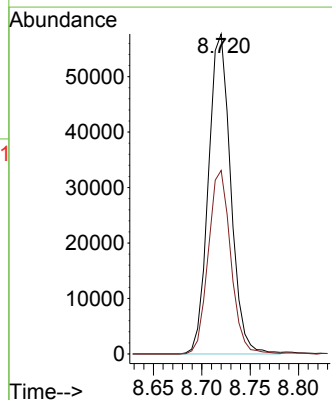
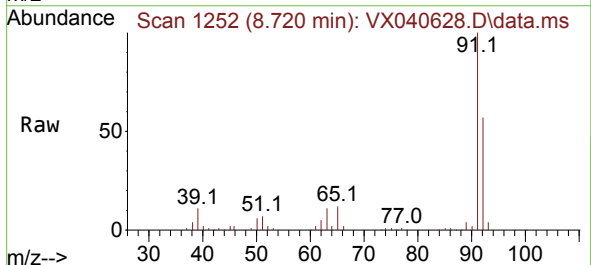
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

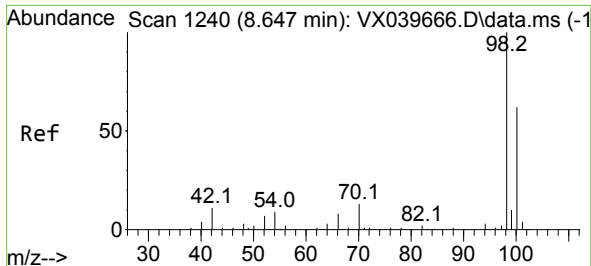
Tgt Ion:164 Resp: 20825
Ion Ratio Lower Upper
164 100
166 129.3 104.0 156.0
129 92.6 82.0 123.0
131 89.4 76.4 114.6



#62
Toluene
Concen: 20.157 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 91 Resp: 92630
Ion Ratio Lower Upper
91 100
92 57.7 45.9 68.9

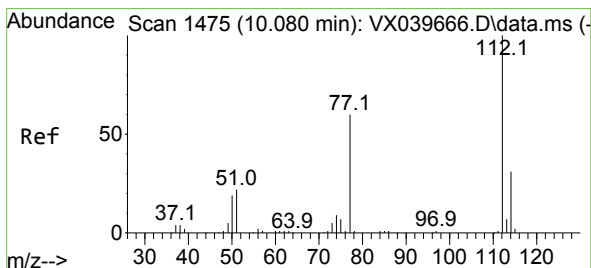
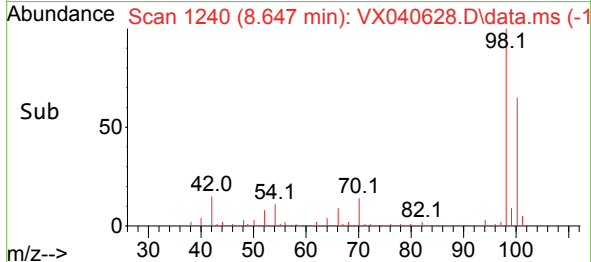
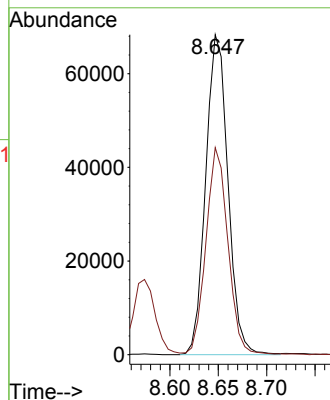
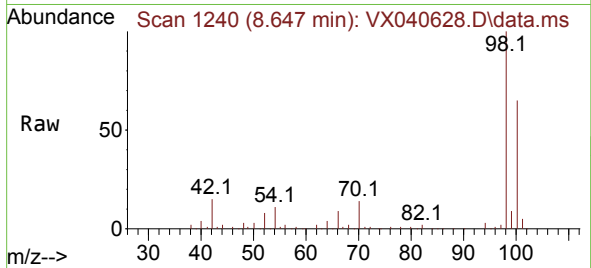




#63
Toluene-d8
Concen: 29.686 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

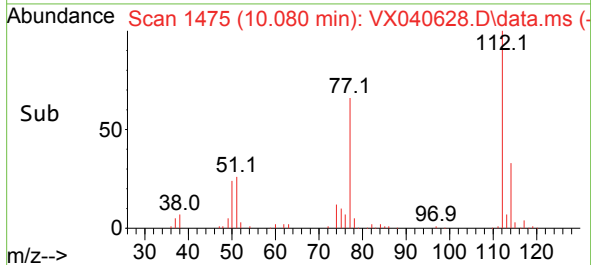
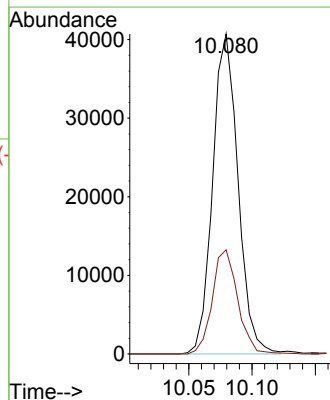
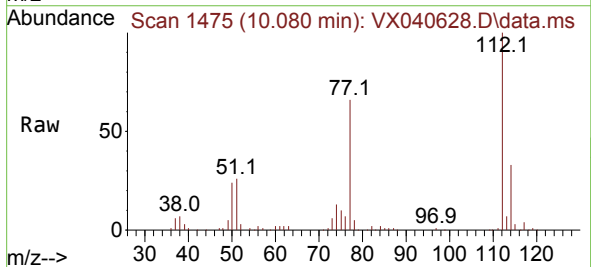
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

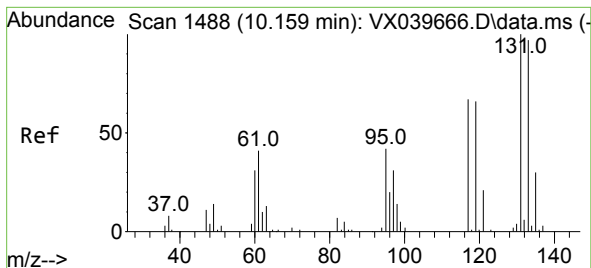
Tgt Ion: 98 Resp: 109463
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.4



#64
Chlorobenzene
Concen: 20.193 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 112 Resp: 56715
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.630 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

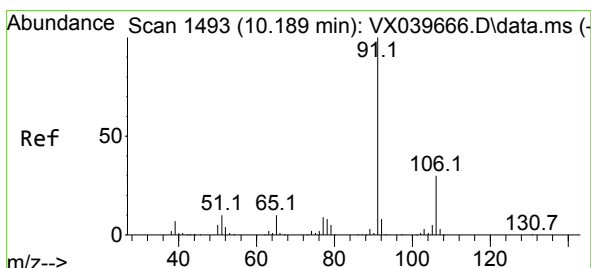
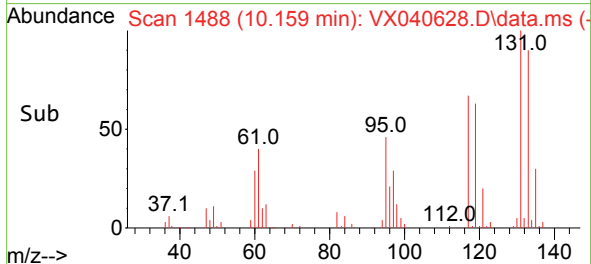
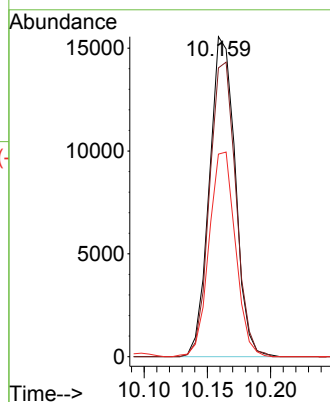
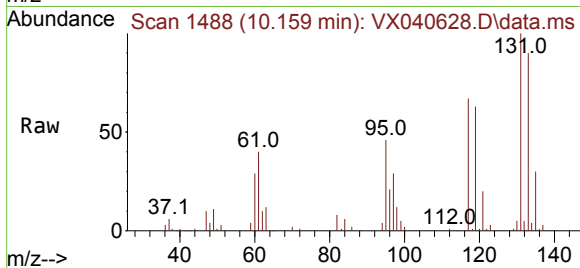
Tgt Ion:131 Resp: 22101

Ion Ratio Lower Upper

131 100

133 93.5 0.0 191.8

119 65.1 0.0 135.4



#66

Ethyl Benzene

Concen: 20.781 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX040628.D

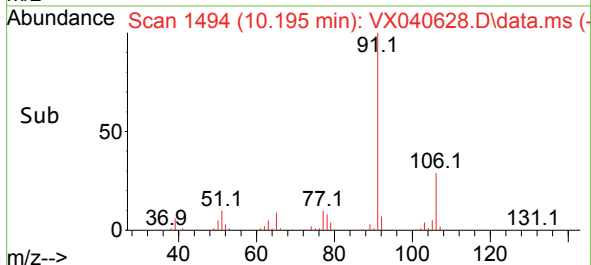
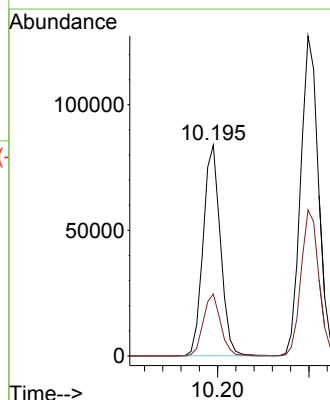
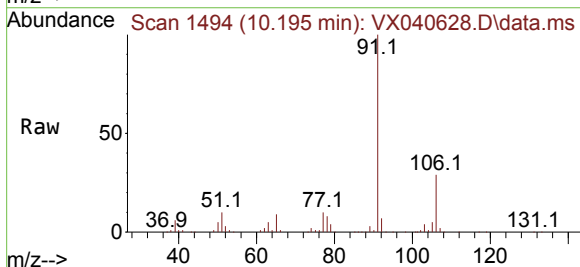
Acq: 08 Mar 2024 15:30

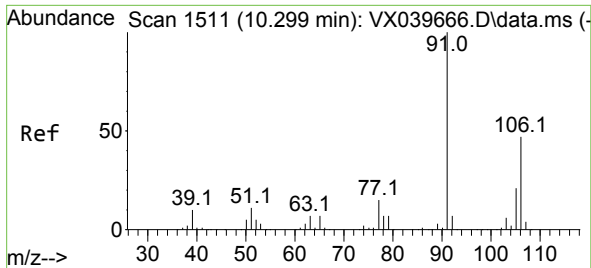
Tgt Ion: 91 Resp: 110110

Ion Ratio Lower Upper

91 100

106 29.5 24.4 36.6

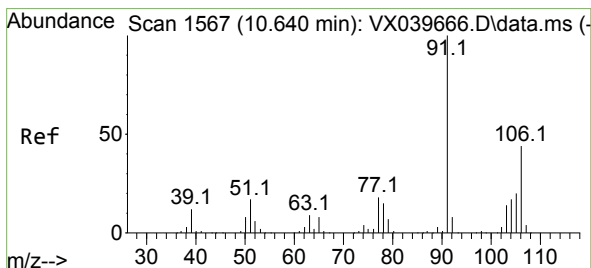
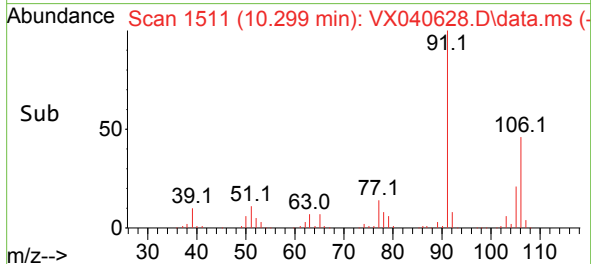
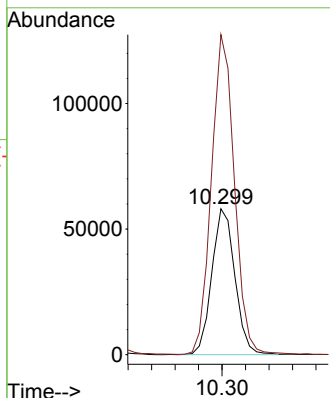
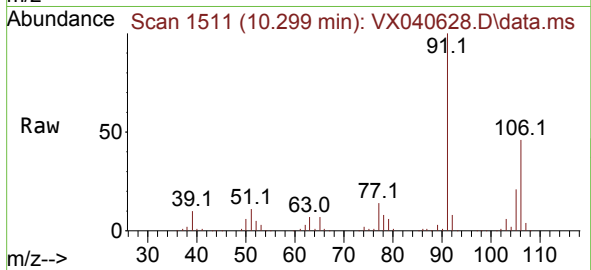




#67
m/p-Xylenes
Concen: 40.551 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

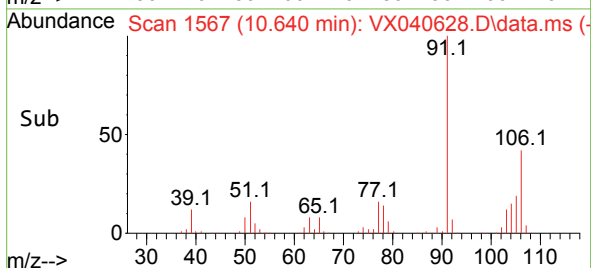
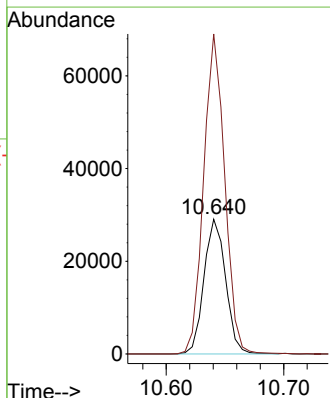
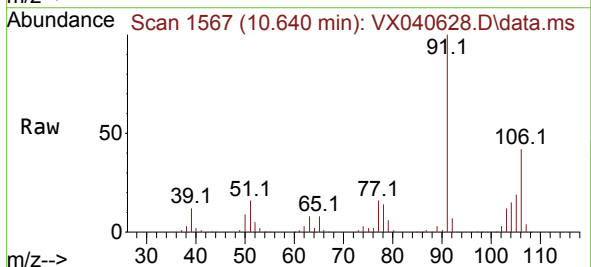
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

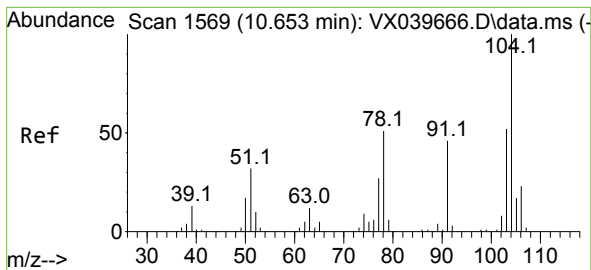
Tgt Ion:106 Resp: 79342
Ion Ratio Lower Upper
106 100
91 218.9 169.4 254.0



#68
o-Xylene
Concen: 19.755 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion:106 Resp: 37209
Ion Ratio Lower Upper
106 100
91 231.2 111.2 333.6





#69

Styrene

Concen: 19.566 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

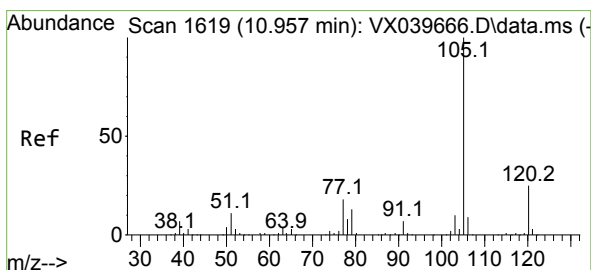
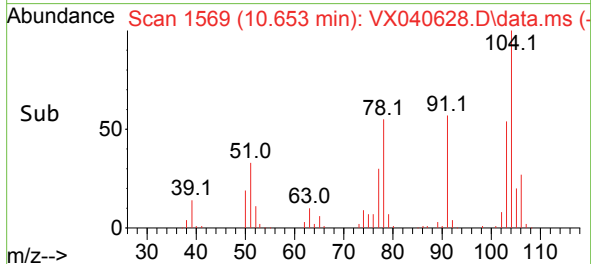
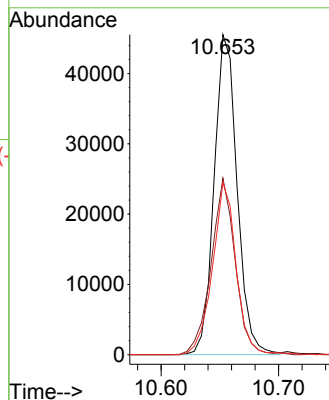
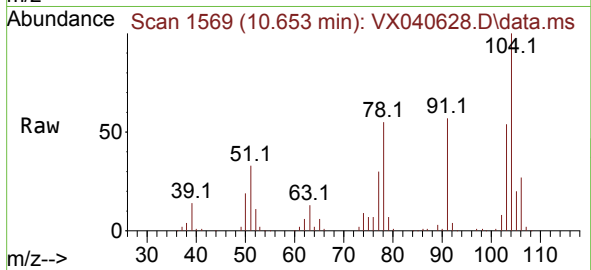
Tgt Ion:104 Resp: 61919

Ion Ratio Lower Upper

104 100

78 57.6 43.7 65.5

103 55.4 44.6 67.0



#70

Isopropylbenzene

Concen: 20.405 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX040628.D

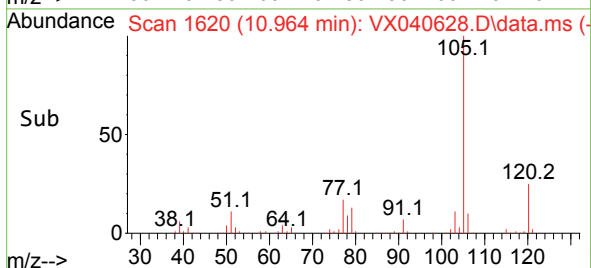
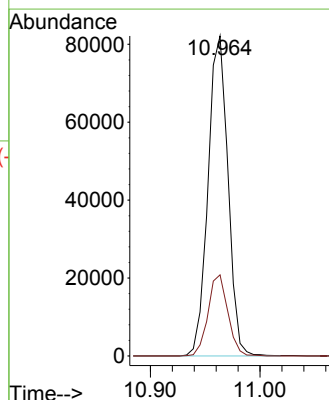
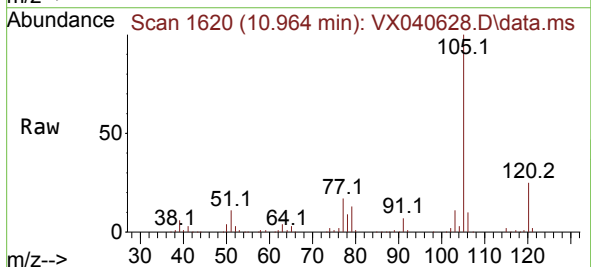
Acq: 08 Mar 2024 15:30

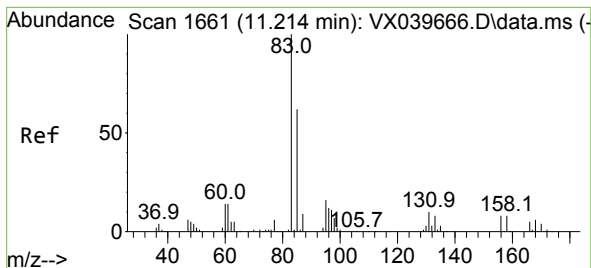
Tgt Ion:105 Resp: 103848

Ion Ratio Lower Upper

105 100

120 24.8 18.5 34.3

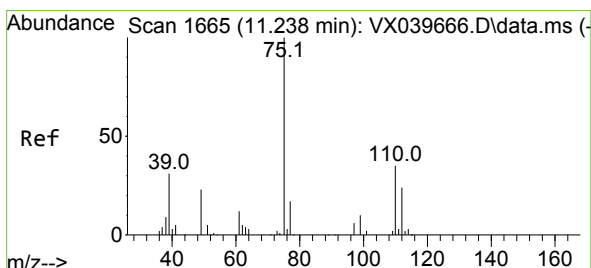
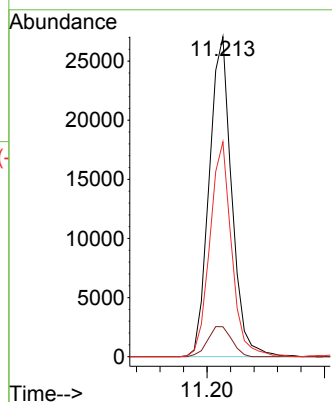
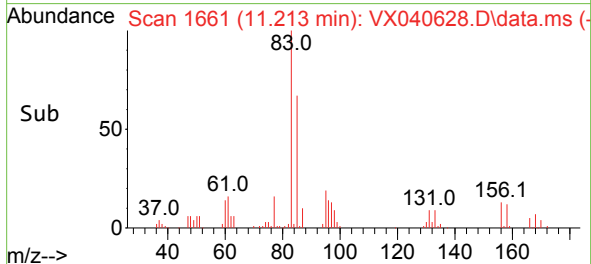
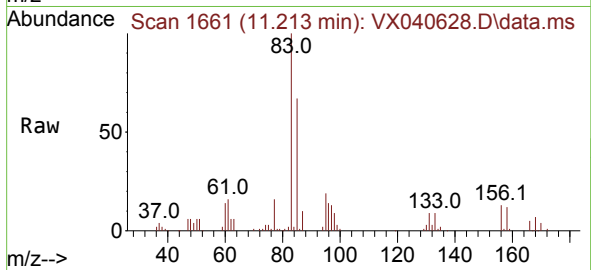




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.195 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.001 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

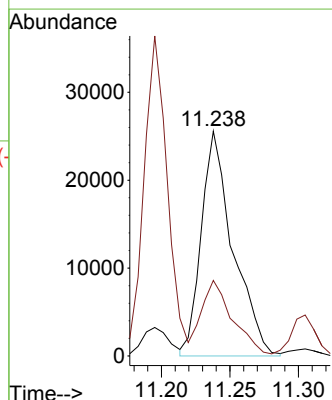
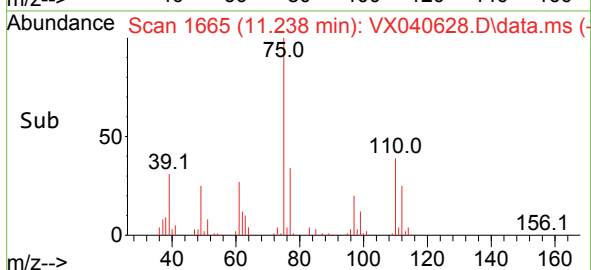
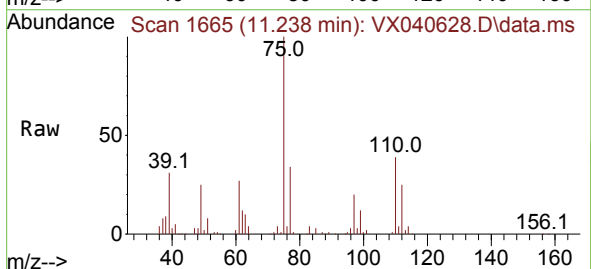
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

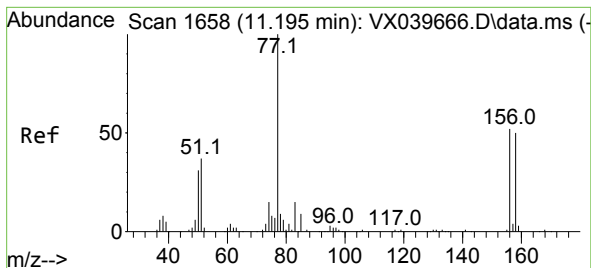
Tgt Ion: 83 Resp: 36032
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.6 13.8
 85 64.6 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 25.718 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

Tgt Ion: 75 Resp: 41288
 Ion Ratio Lower Upper
 75 100
 77 33.4 0.0 76.4





#73

Bromobenzene

Concen: 21.060 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

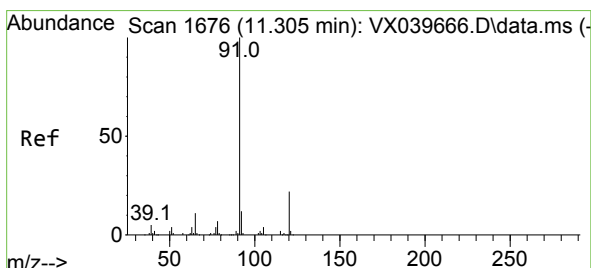
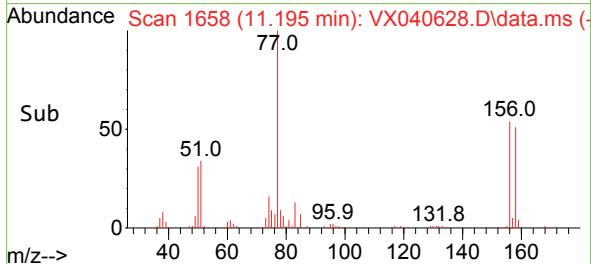
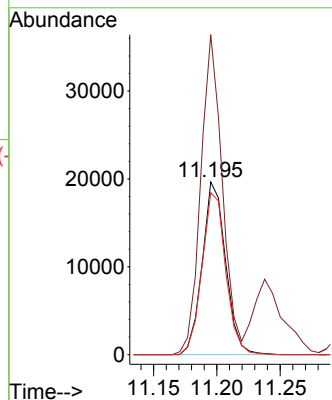
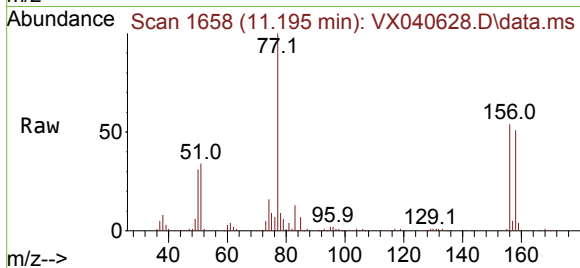
Tgt Ion:156 Resp: 25374

Ion Ratio Lower Upper

156 100

77 170.8 0.0 363.2

158 94.6 0.0 197.8



#74

n-propylbenzene

Concen: 20.795 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040628.D

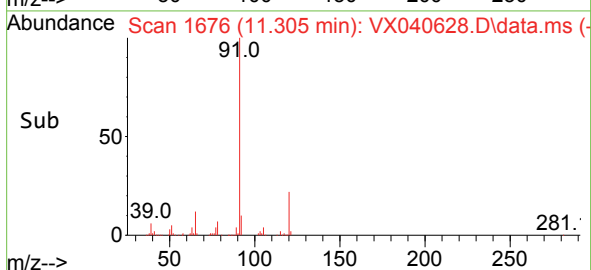
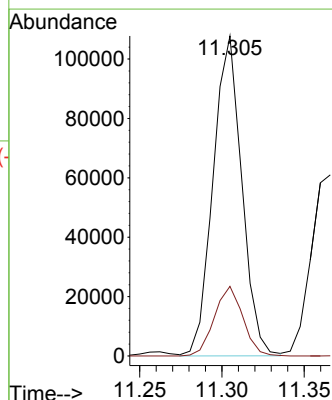
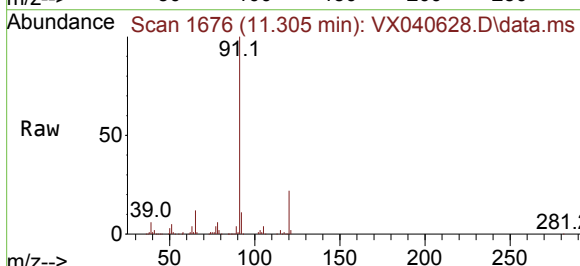
Acq: 08 Mar 2024 15:30

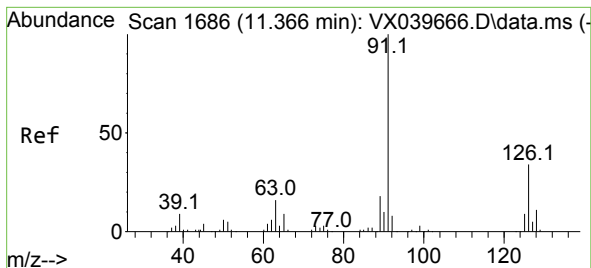
Tgt Ion: 91 Resp: 130712

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.4





#75

2-Chlorotoluene

Concen: 21.249 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

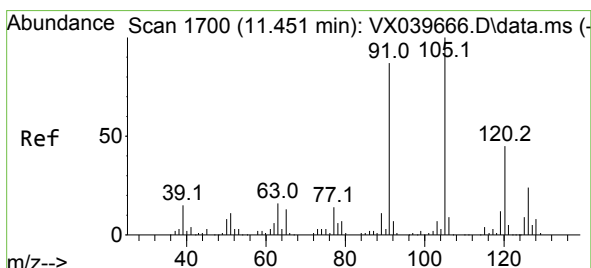
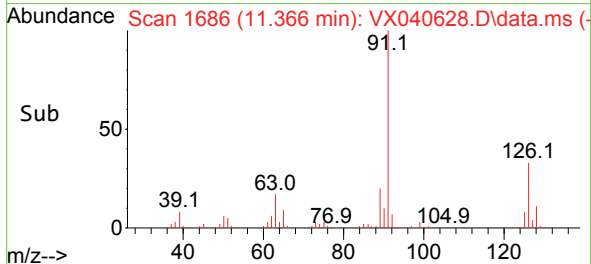
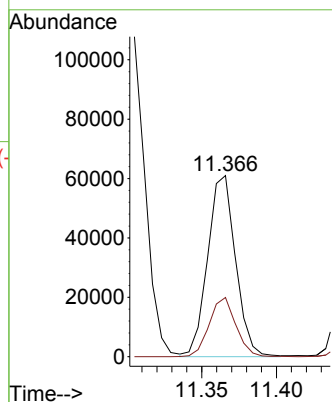
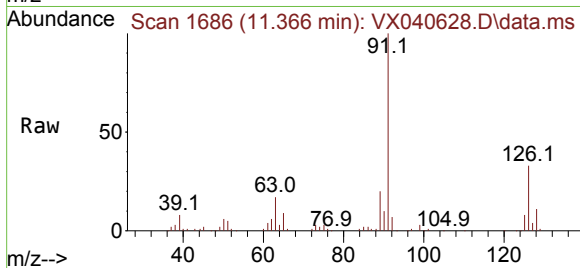
VSTDCCC020EC

Tgt Ion: 91 Resp: 79262

Ion Ratio Lower Upper

91 100

126 31.2 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 20.880 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040628.D

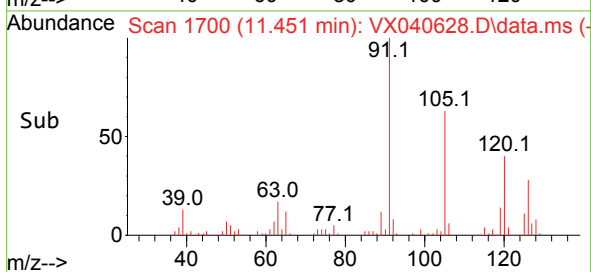
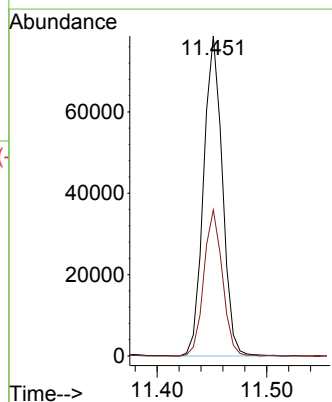
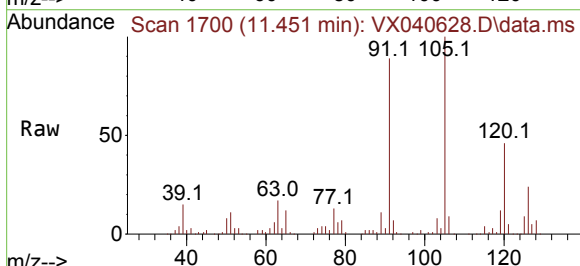
Acq: 08 Mar 2024 15:30

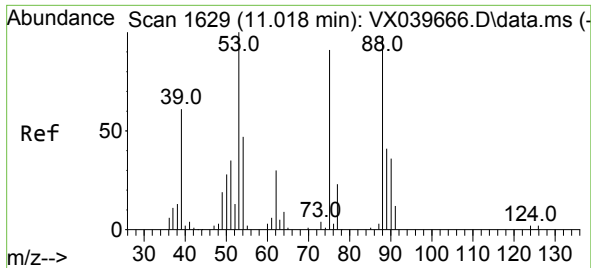
Tgt Ion: 105 Resp: 93557

Ion Ratio Lower Upper

105 100

120 45.0 0.0 92.6

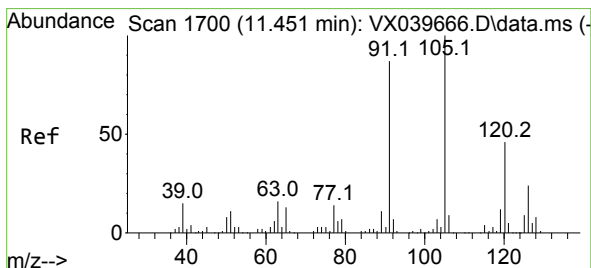
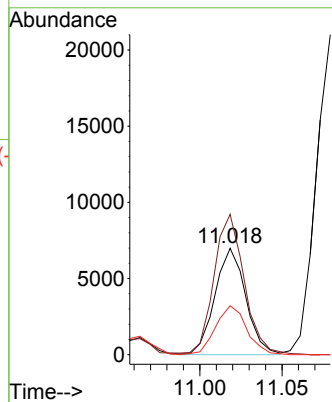
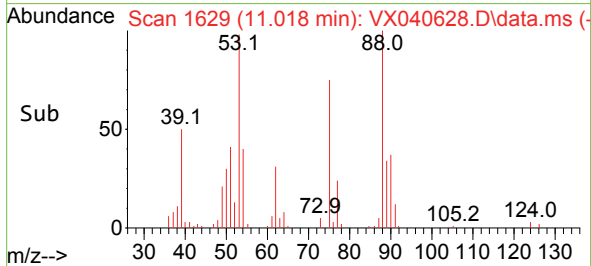
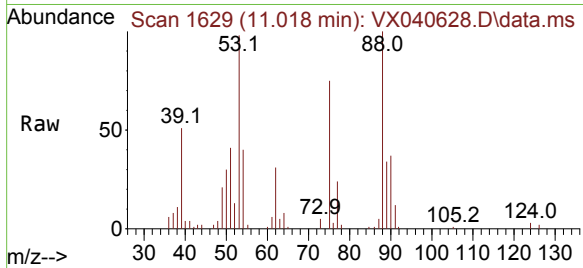




#77
t-1,4-Dichloro-2-butene
Concen: 18.296 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

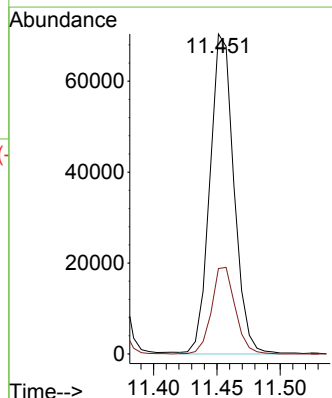
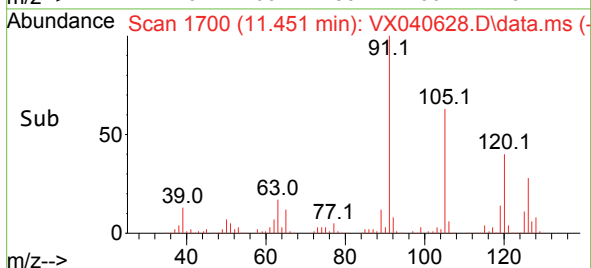
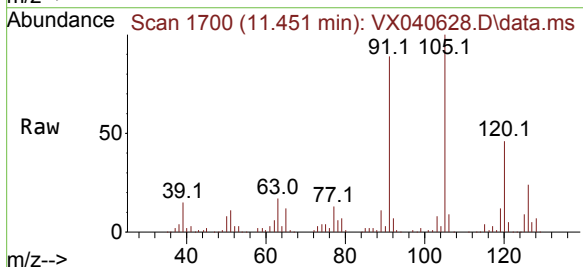
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

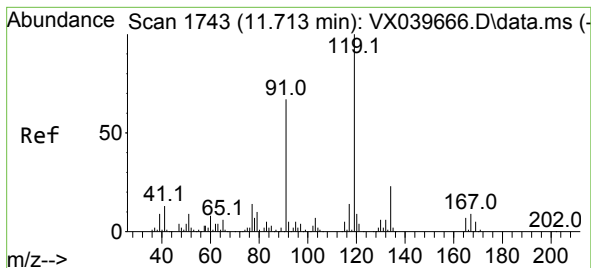
Tgt Ion: 75 Resp: 9128
Ion Ratio Lower Upper
75 100
53 131.4 46.9 140.8
89 46.4 21.3 63.7



#78
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion: 91 Resp: 93075
Ion Ratio Lower Upper
91 100
126 26.8 0.0 57.4





#79

tert-butylbenzene

Concen: 20.550 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

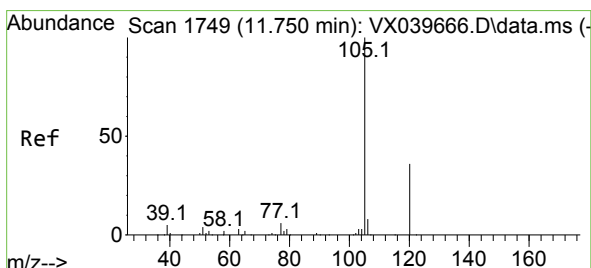
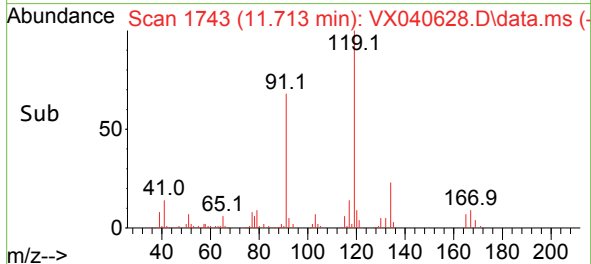
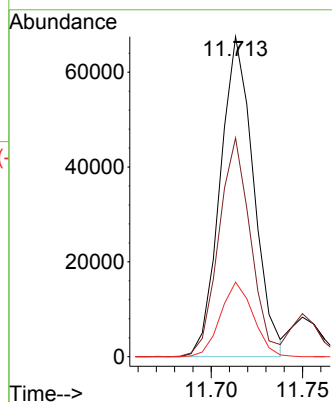
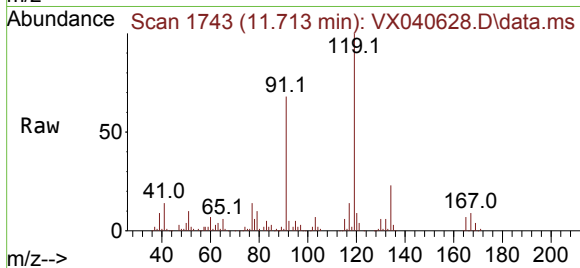
Tgt Ion:119 Resp: 85943

Ion Ratio Lower Upper

119 100

91 65.5 0.0 125.6

134 22.7 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 20.482 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040628.D

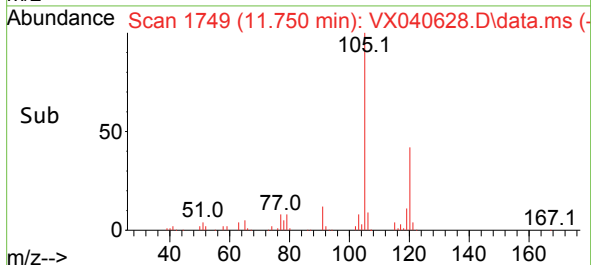
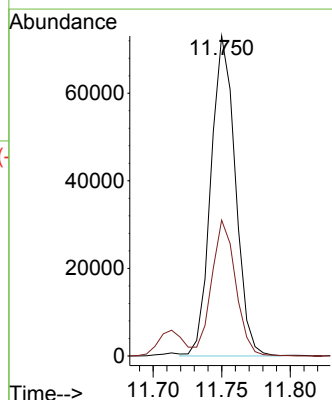
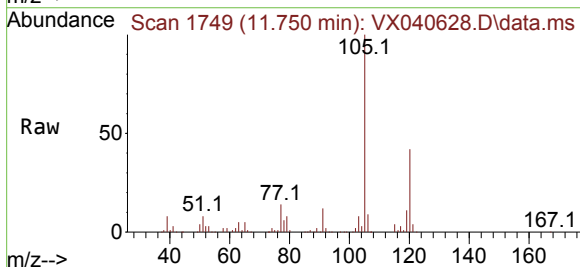
Acq: 08 Mar 2024 15:30

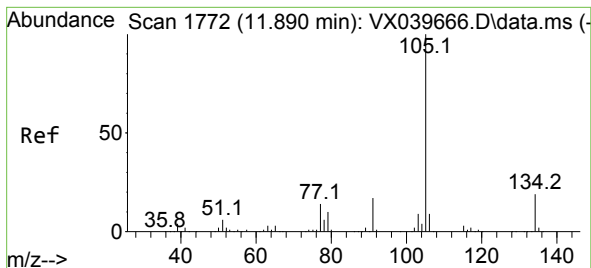
Tgt Ion:105 Resp: 90421

Ion Ratio Lower Upper

105 100

120 42.1 0.0 86.4

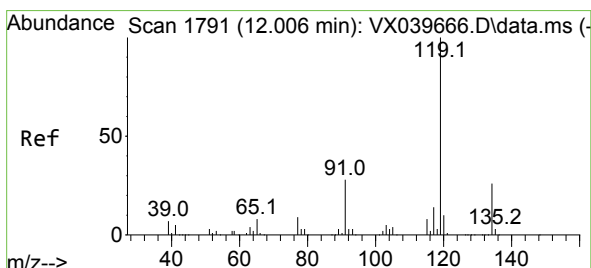
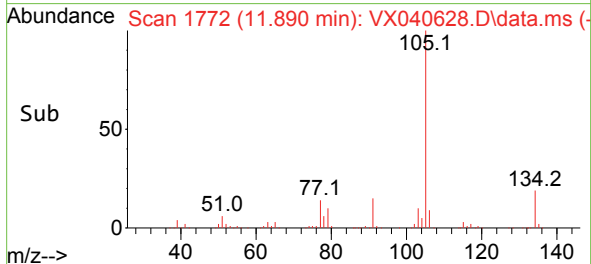
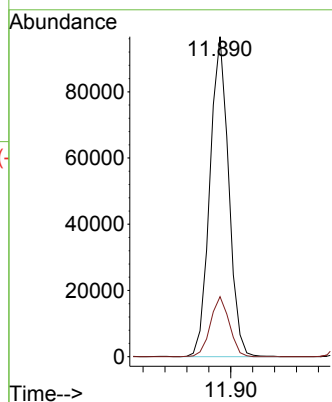
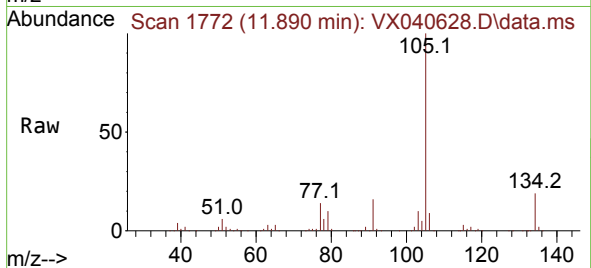




#81
sec-Butylbenzene
Concen: 20.801 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

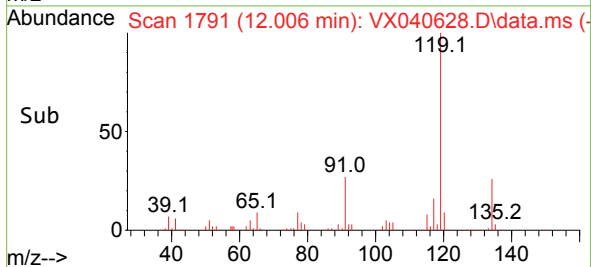
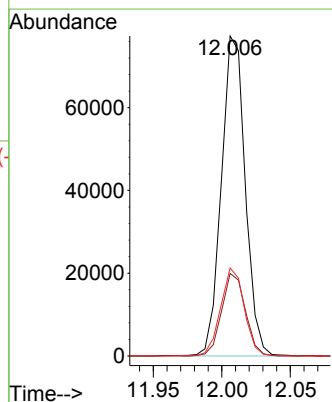
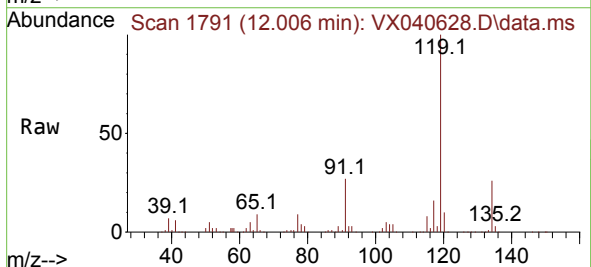
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

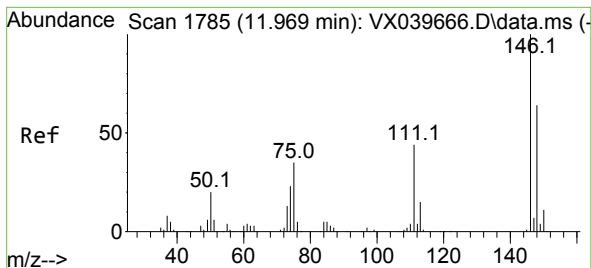
Tgt Ion:105 Resp: 114852
Ion Ratio Lower Upper
105 100
134 18.8 0.0 38.4



#82
p-Isopropyltoluene
Concen: 20.721 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040628.D
Acq: 08 Mar 2024 15:30

Tgt Ion:119 Resp: 93647
Ion Ratio Lower Upper
119 100
134 25.6 0.0 52.6
91 27.1 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 20.556 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

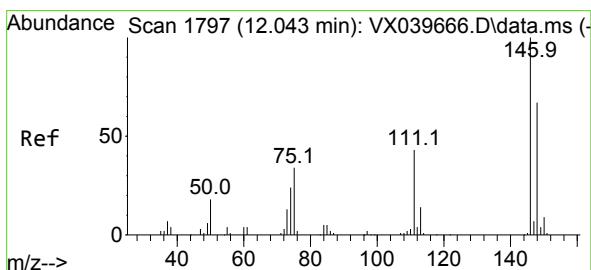
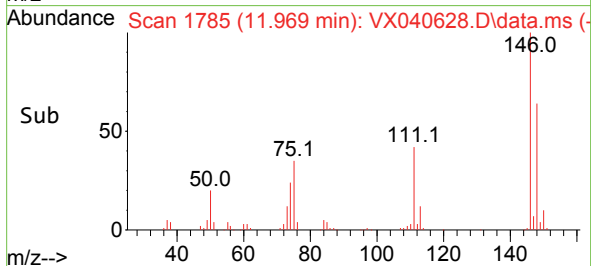
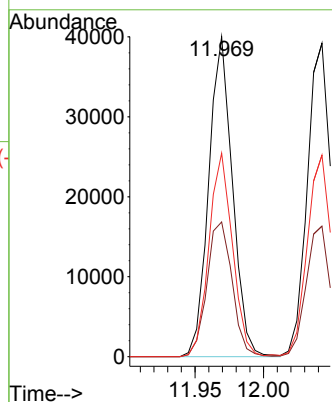
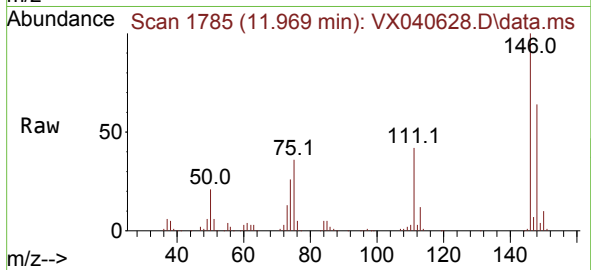
Tgt Ion:146 Resp: 48191

Ion Ratio Lower Upper

146 100

111 44.7 22.3 66.9

148 63.1 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 20.316 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

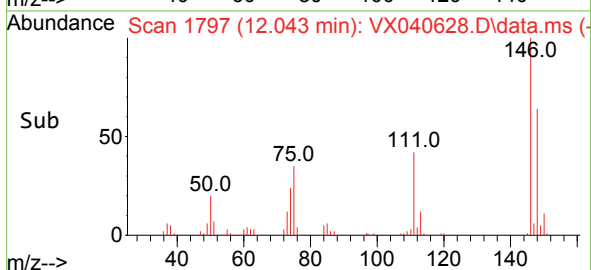
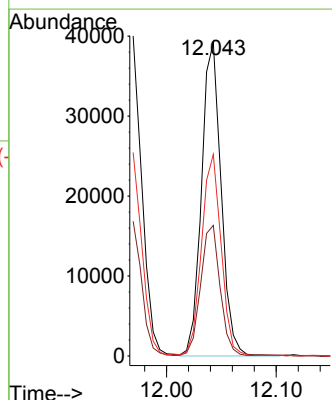
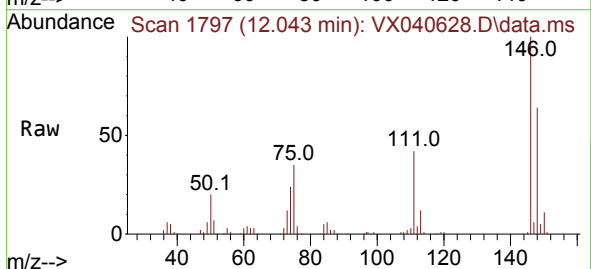
Tgt Ion:146 Resp: 48706

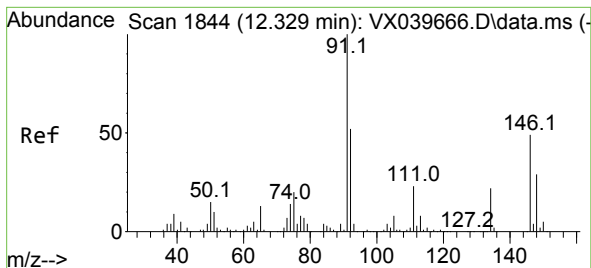
Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.2

148 64.1 31.8 95.4





#85

n-Butylbenzene

Concen: 20.235 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

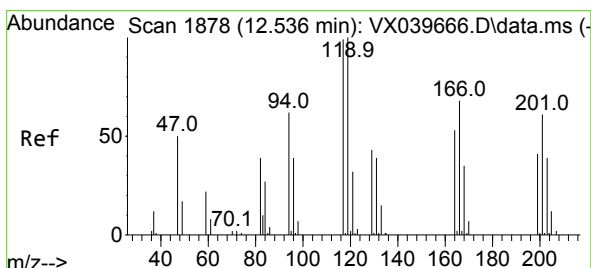
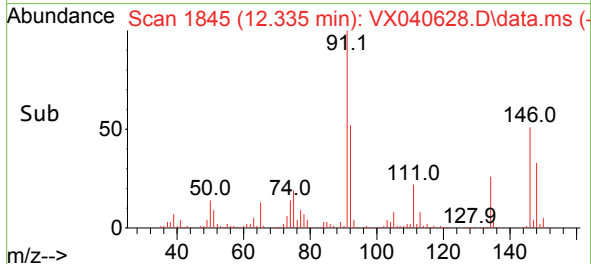
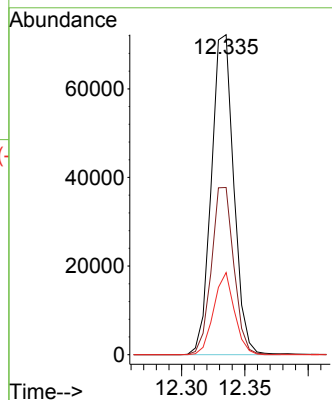
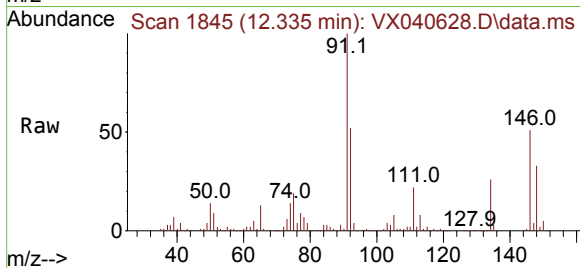
Tgt Ion: 91 Resp: 88989

Ion Ratio Lower Upper

91 100

92 52.2 0.0 106.2

134 23.7 0.0 48.8



#86

Hexachloroethane

Concen: 19.959 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040628.D

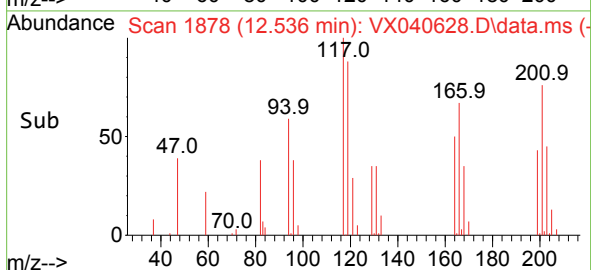
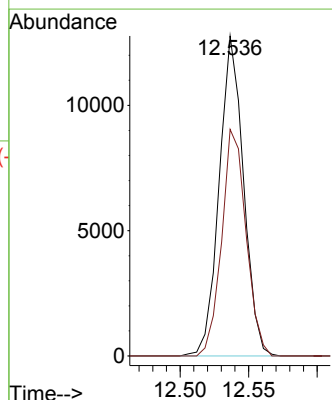
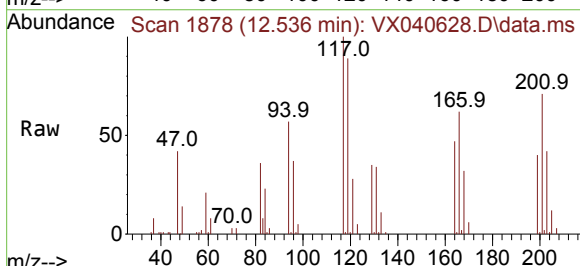
Acq: 08 Mar 2024 15:30

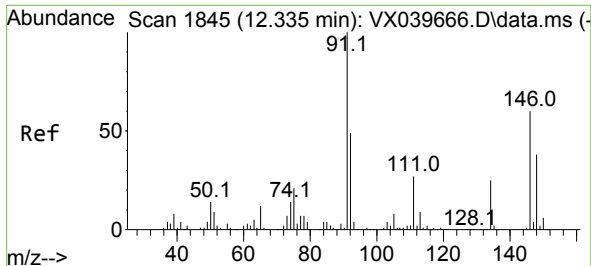
Tgt Ion: 117 Resp: 15740

Ion Ratio Lower Upper

117 100

201 70.9 31.8 95.3

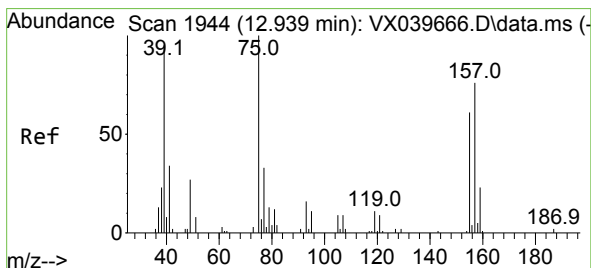
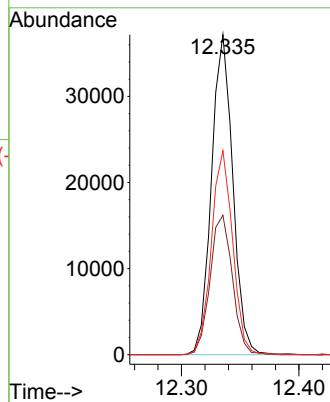
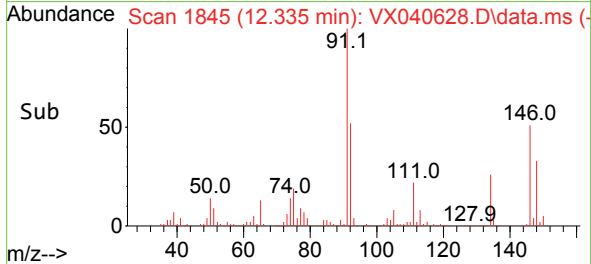
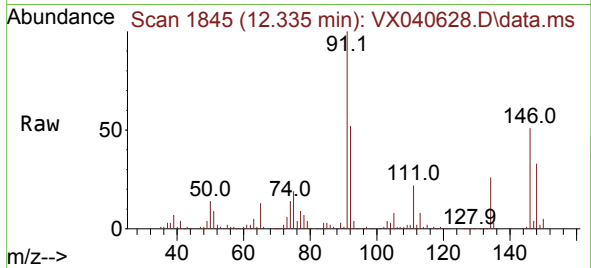




#87
 1,2-Dichlorobenzene
 Concen: 20.584 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

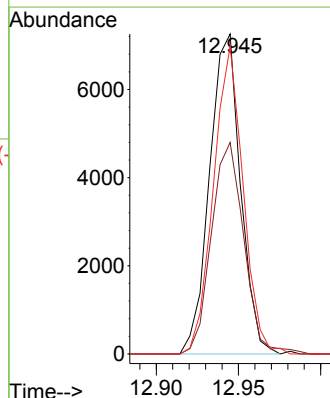
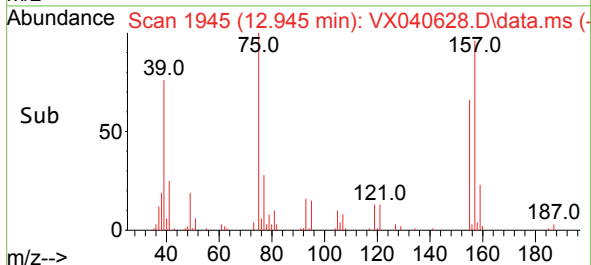
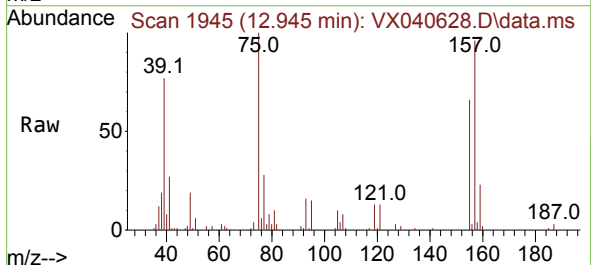
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

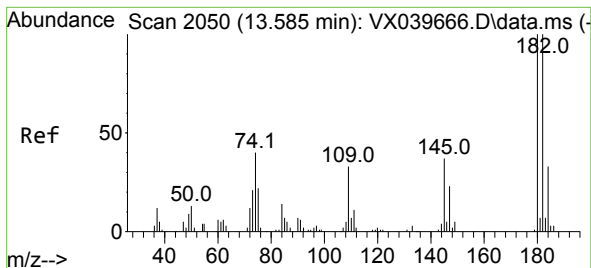
Tgt Ion:146 Resp: 46895
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.4 67.2
 148 63.6 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.917 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX040628.D
 Acq: 08 Mar 2024 15:30

Tgt Ion: 75 Resp: 9502
 Ion Ratio Lower Upper
 75 100
 155 69.3 58.2 87.4
 157 92.1 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 18.840 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

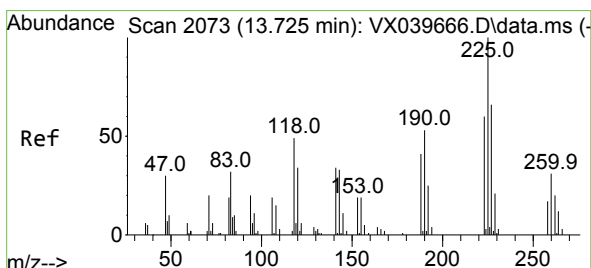
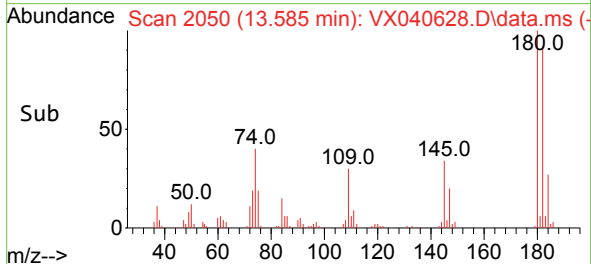
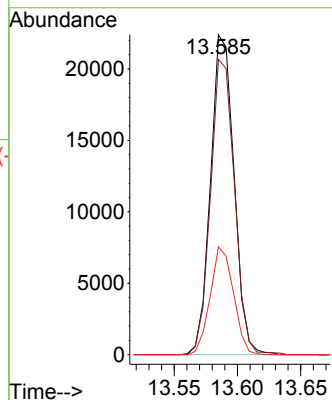
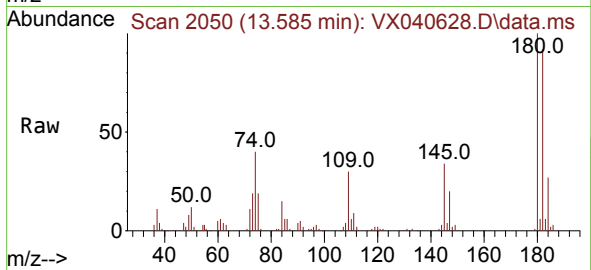
Tgt Ion:180 Resp: 28899

Ion Ratio Lower Upper

180 100

182 93.7 74.5 111.7

145 33.4 26.6 40.0



#90

Hexachlorobutadiene

Concen: 18.533 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

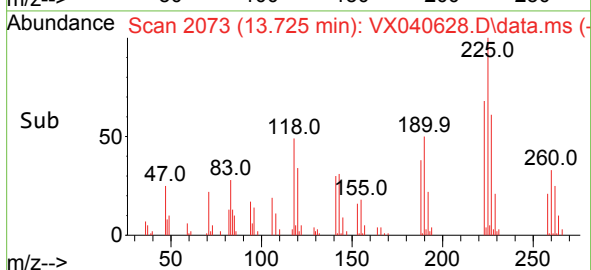
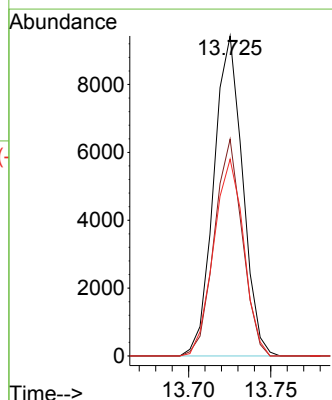
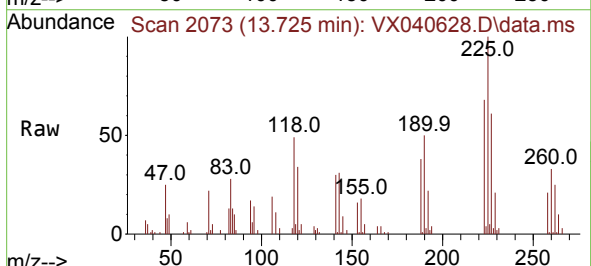
Tgt Ion:225 Resp: 11495

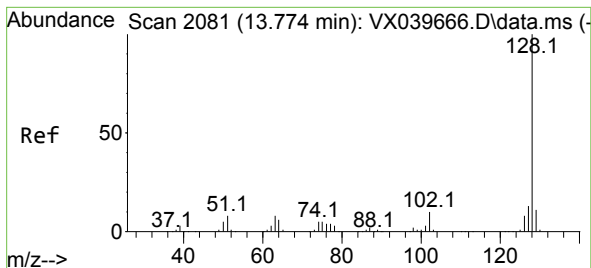
Ion Ratio Lower Upper

225 100

223 65.8 0.0 124.4

227 64.1 0.0 124.4





#91

Naphthalene

Concen: 17.921 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

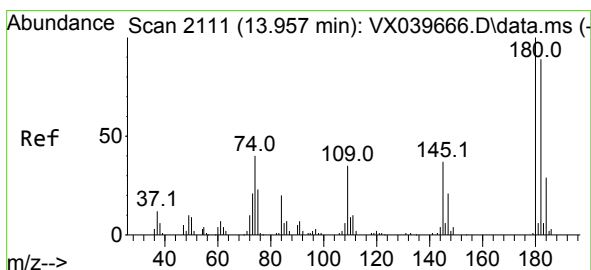
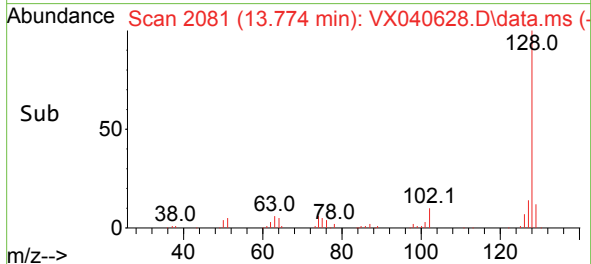
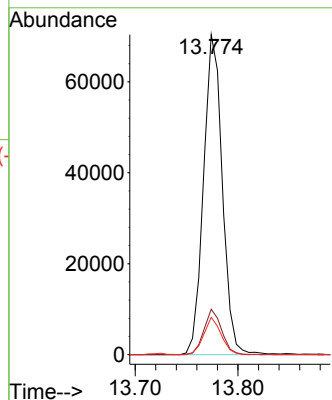
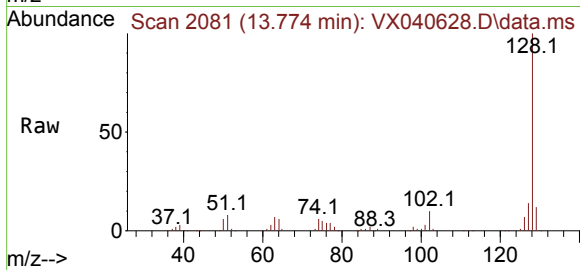
Tgt Ion:128 Resp: 89667

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.9 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 17.733 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040628.D

Acq: 08 Mar 2024 15:30

Tgt Ion:180 Resp: 26821

Ion Ratio Lower Upper

180 100

182 96.5 0.0 191.6

145 35.2 0.0 69.6

