

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040832.D
 Acq On : 29 Mar 2024 09:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 29 22:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	4150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	34169	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	41199	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	22083	31.048	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.500%
60) 4-Bromofluorobenzene	11.079	95	26067	28.964	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.533%
63) Toluene-d8	8.647	98	50359	31.180	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16168	22.253	ug/l	96
3) Chloromethane	1.301	50	14289	21.544	ug/l	94
4) Vinyl Chloride	1.374	62	15527	22.718	ug/l	95
5) Bromomethane	1.612	94	11306	26.187	ug/l	97
6) Chloroethane	1.691	64	9763	22.585	ug/l	100
7) Trichlorofluoromethane	1.892	101	24461	20.642	ug/l	99
8) Diethyl Ether	2.130	74	7475	20.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	14666	22.123	ug/l	97
10) 1,1-Dichloroethene	2.325	96	13559	21.823	ug/l	99
11) Methyl Iodide	2.453	142	18530	21.819	ug/l	93
12) Methyl Acetate	2.703	43	17594	19.725	ug/l	96
13) Acrolein	2.233	56	9371	95.902	ug/l	99
14) Acrylonitrile	3.056	53	39928	102.821	ug/l	99
15) Acetone	2.374	58	10699	97.155	ug/l	72
16) Carbon Disulfide	2.514	76	38024	21.790	ug/l	98
17) Allyl chloride	2.666	41	23712	20.788	ug/l	86
18) Methylene Chloride	2.788	84	14358	21.476	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	13983	21.536	ug/l	98
20) Diisopropyl ether	3.758	45	46863	21.101	ug/l #	97
21) 1,1-Dichloroethane	3.611	63	27011	21.544	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	16029	21.012	ug/l	92
23) tert-Butyl Alcohol	2.947	59	17842	99.047	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	46608	21.081	ug/l	93
25) Chloroform	5.093	83	29629	21.802	ug/l	97
26) Cyclohexane	5.465	56	22834	21.910	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	20402	21.398	ug/l	96
30) 2-Butanone	4.544	43	60631	100.504	ug/l	96
31) 2,2-Dichloropropane	4.477	77	24068	21.374	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	26059	20.700	ug/l	96
33) Carbon Tetrachloride	5.672	117	23039	21.202	ug/l	93
34) Benzene	6.038	78	56483	20.652	ug/l	99
35) Methacrylonitrile	4.910	41	12604	19.742	ug/l	95
36) 1,2-Dichloroethane	6.080	62	23983	20.182	ug/l #	86
37) Trichloroethene	7.123	130	13419	19.861	ug/l	95
38) Methylcyclohexane	7.379	83	23483	20.862	ug/l	95
39) 1,2-Dichloropropane	7.428	63	13302	20.471	ug/l	100
40) Dibromomethane	7.574	93	11311	20.994	ug/l	97
41) Bromodichloromethane	7.818	83	23087	21.108	ug/l #	97
42) Vinyl Acetate	3.715	43	227725	102.129	ug/l	99

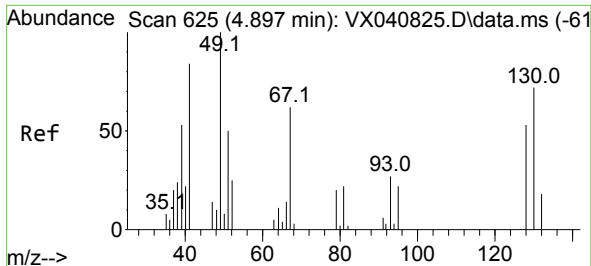
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	23738	20.218	ug/l	100
44) Isopropyl Acetate	6.330	43	37581	20.033	ug/l	94
45) 1,4-Dioxane	7.653	88	6952	395.765	ug/l	97
46) Methyl methacrylate	7.690	41	18803	20.819	ug/l	94
47) n-amyl Acetate	10.842	43	32480	19.227	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	21542	19.853	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	23991	21.402	ug/l #	87
50) 1,1,2-Trichloroethane	9.147	97	13494	20.423	ug/l	96
51) Ethyl methacrylate	9.110	69	22341	19.360	ug/l	95
52) 1,3-Dichloropropane	9.305	76	22523	19.833	ug/l	98
53) Dibromochloromethane	9.519	129	16271	20.553	ug/l	99
54) 1,2-Dibromoethane	9.610	107	14457	19.768	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	47060	83.371	ug/l	100
56) Bromoform	10.799	173	11329	20.583	ug/l #	99
58) 4-Methyl-2-Pentanone	8.568	43	125322	107.704	ug/l	97
59) 2-Hexanone	9.427	43	93248	100.558	ug/l	94
61) Tetrachloroethene	9.269	164	11479	20.785	ug/l	95
62) Toluene	8.714	91	63132	22.657	ug/l	99
64) Chlorobenzene	10.080	112	38931	21.613	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	13693	21.691	ug/l	96
66) Ethyl Benzene	10.189	91	70711	21.590	ug/l	98
67) m/p-Xylenes	10.299	106	51259	42.630	ug/l	94
68) o-Xylene	10.640	106	23780	20.993	ug/l	90
69) Styrene	10.653	104	41225	20.974	ug/l	96
70) Isopropylbenzene	10.964	105	64555	20.921	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	22016	20.544	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	24816	27.352	ug/l	89
73) Bromobenzene	11.195	156	15724	21.370	ug/l	98
74) n-propylbenzene	11.305	91	82325	21.371	ug/l	100
75) 2-Chlorotoluene	11.360	91	48566	21.321	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	58885	22.053	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	6701	18.564	ug/l	77
78) 4-Chlorotoluene	11.451	91	60069	22.191	ug/l	98
79) tert-butylbenzene	11.713	119	56715	22.073	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	55952	21.145	ug/l	100
81) sec-Butylbenzene	11.890	105	70450	21.382	ug/l	99
82) p-Isopropyltoluene	12.006	119	60806	21.795	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	30954	21.665	ug/l	98
84) 1,4-Dichlorobenzene	12.037	146	31278	21.243	ug/l	99
85) n-Butylbenzene	12.329	91	60001	21.625	ug/l	97
86) Hexachloroethane	12.536	117	9929	20.031	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	29501	21.346	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5561	20.162	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	20730	21.501	ug/l	97
90) Hexachlorobutadiene	13.725	225	8530	23.591	ug/l	99
91) Naphthalene	13.774	128	69393	21.520	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	20325	22.115	ug/l	99

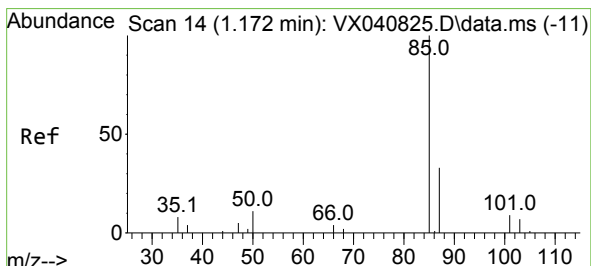
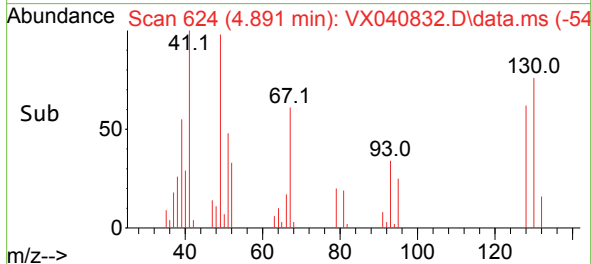
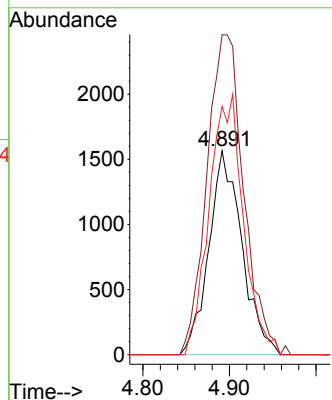
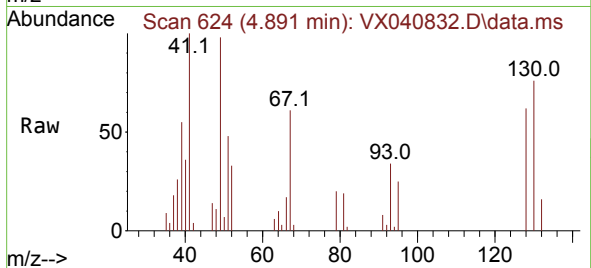
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

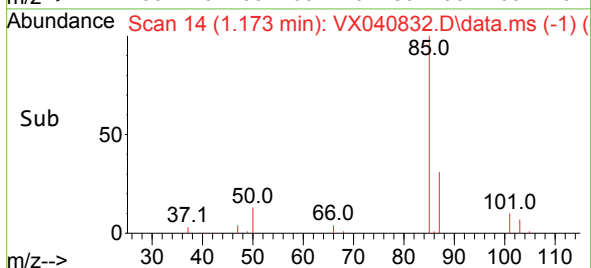
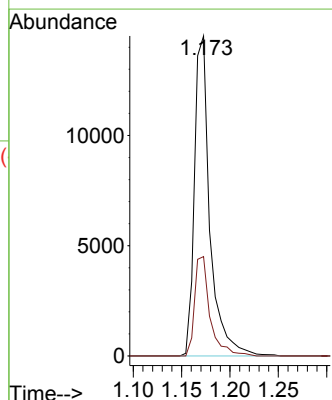
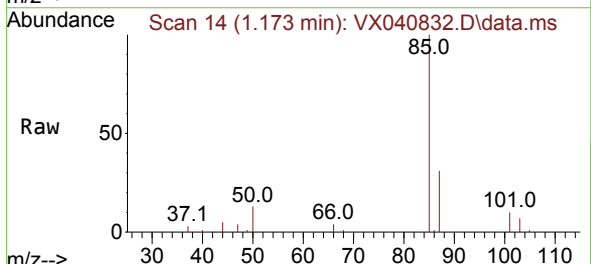
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

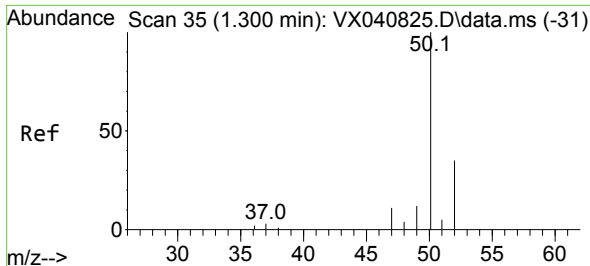
Tgt Ion:128 Resp: 4150
Ion Ratio Lower Upper
128 100
49 174.1 0.0 444.0
130 131.8 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 22.253 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 85 Resp: 16168
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1

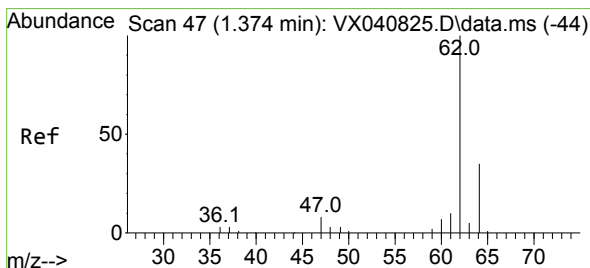
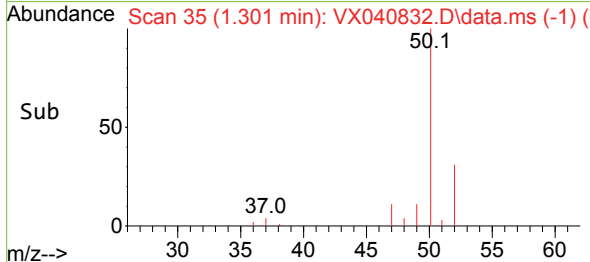
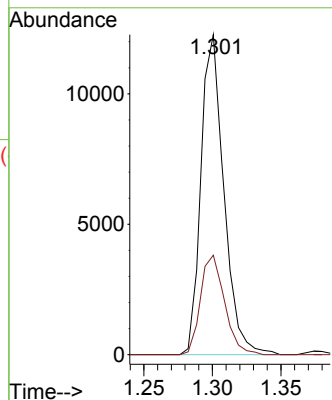
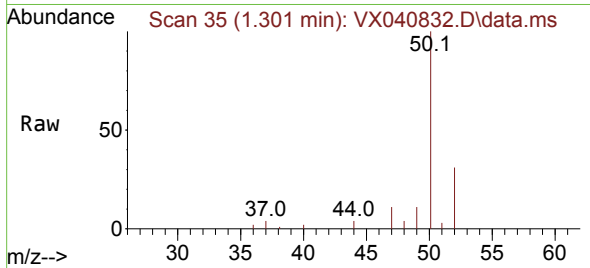




#3
Chloromethane
Concen: 21.544 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

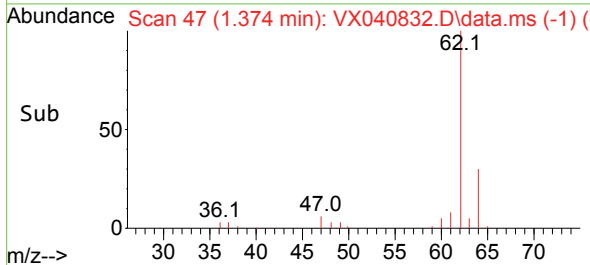
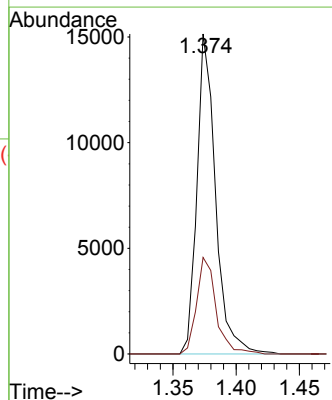
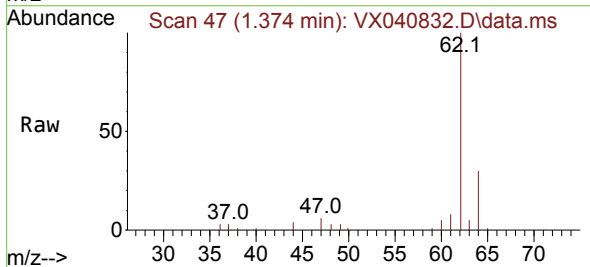
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

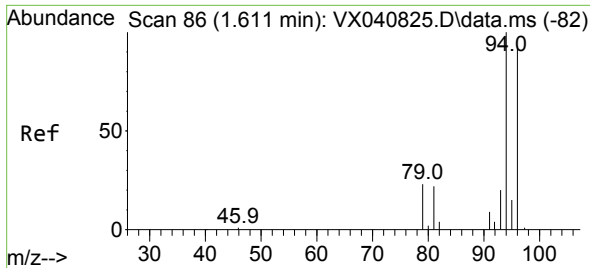
Tgt Ion: 50 Resp: 14289
Ion Ratio Lower Upper
50 100
52 31.1 27.8 41.8



#4
Vinyl Chloride
Concen: 22.718 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 62 Resp: 15527
Ion Ratio Lower Upper
62 100
64 30.2 26.3 39.5

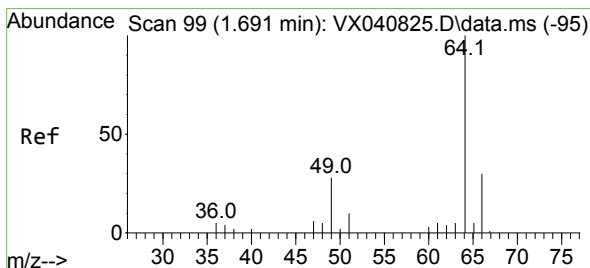
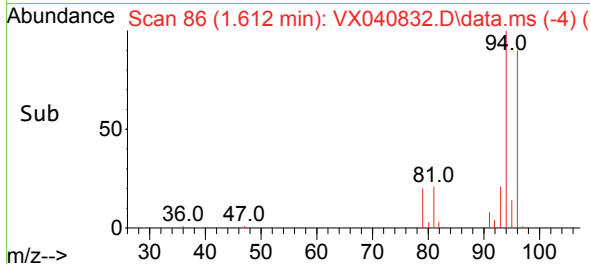
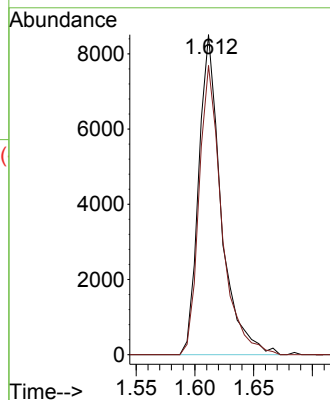
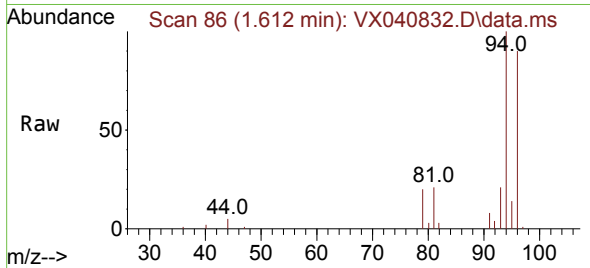




#5
Bromomethane
Concen: 26.187 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

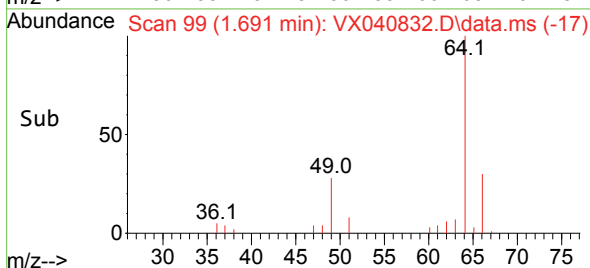
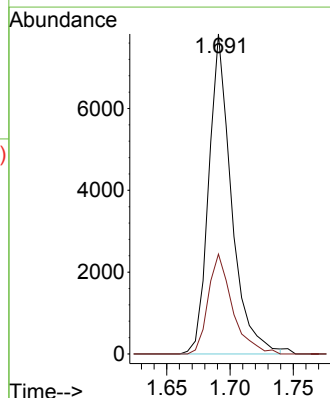
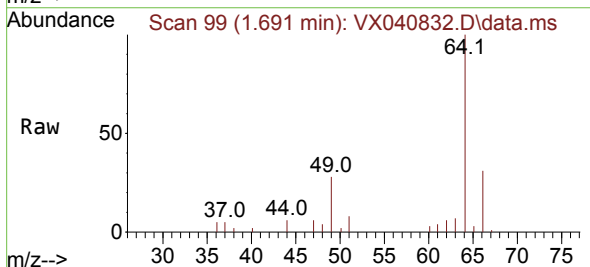
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ClientSampleId :
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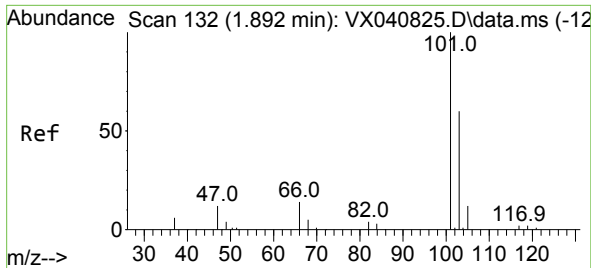
Tgt Ion: 94 Resp: 11306
Ion Ratio Lower Upper
94 100
96 90.4 74.9 112.3



#6
Chloroethane
Concen: 22.585 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 64 Resp: 9763
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.6

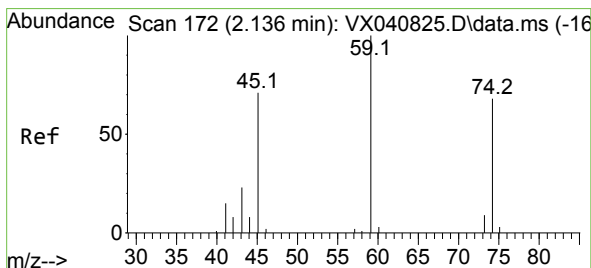
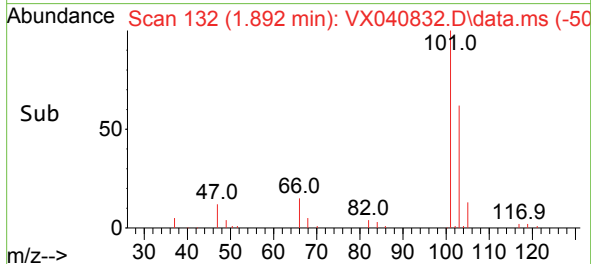
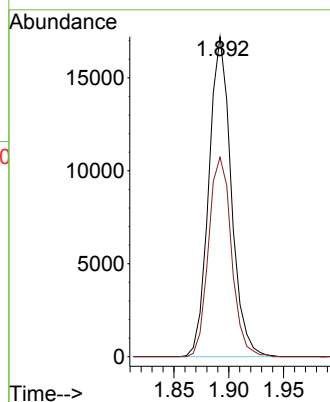
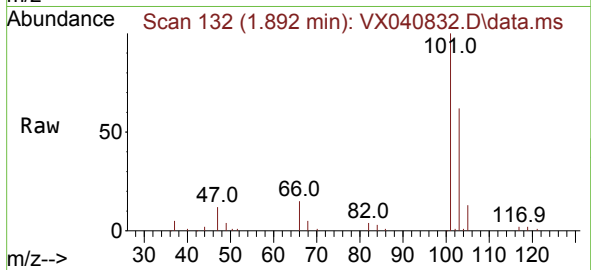




#7
 Trichlorofluoromethane
 Concen: 20.642 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

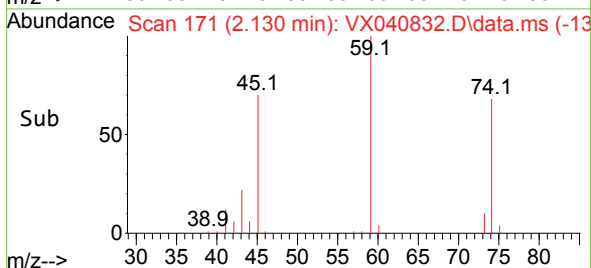
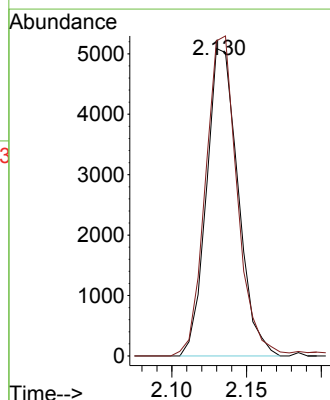
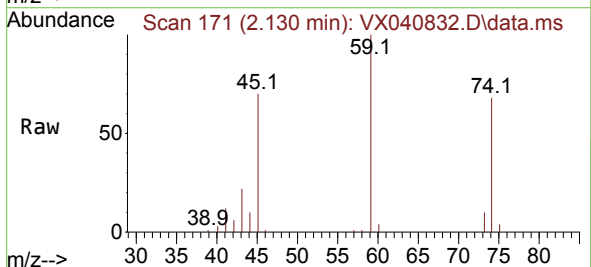
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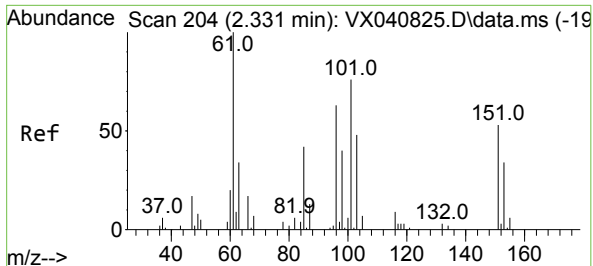
Tgt Ion:101 Resp: 24461
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.1 73.7



#8
 Diethyl Ether
 Concen: 20.231 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

Tgt Ion: 74 Resp: 7475
 Ion Ratio Lower Upper
 74 100
 45 104.3 20.5 184.5

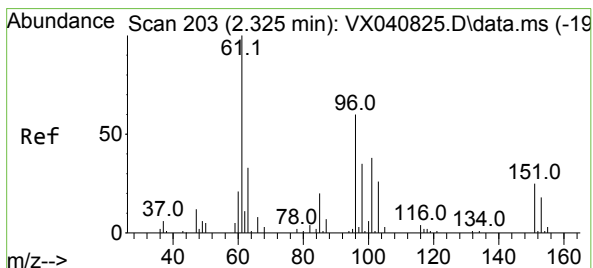
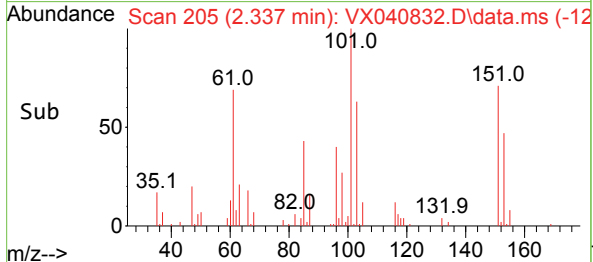
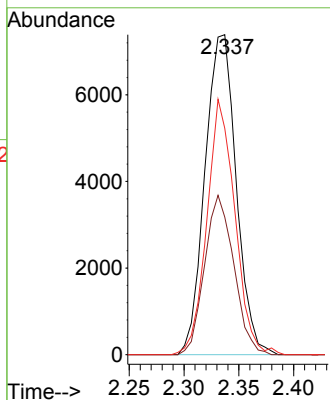
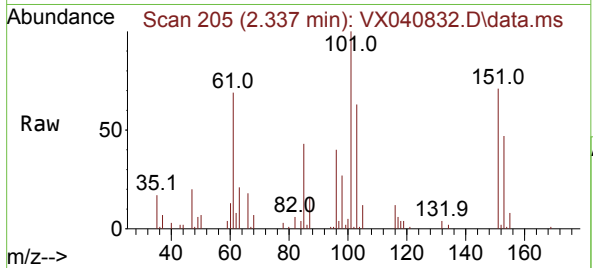




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.123 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

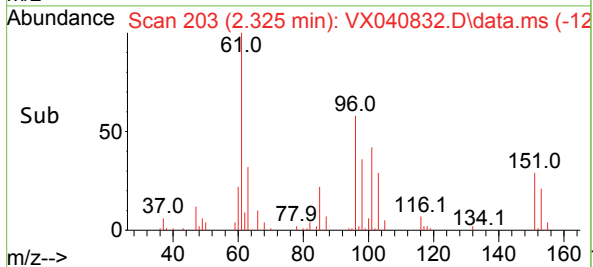
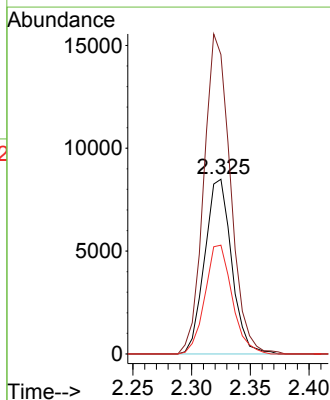
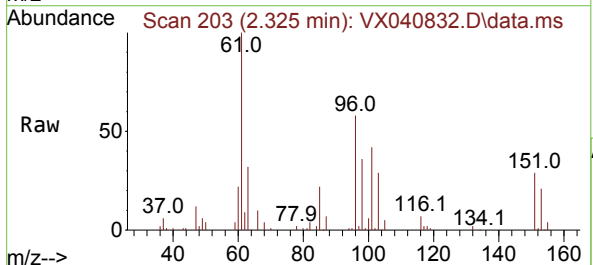
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

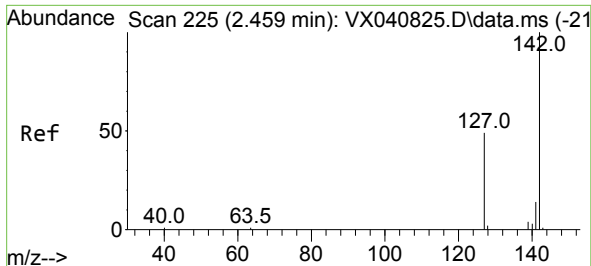
Tgt Ion:101 Resp: 14666
Ion Ratio Lower Upper
101 100
85 46.6 0.0 95.2
151 71.7 0.0 136.8



#10
1,1-Dichloroethene
Concen: 21.823 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 96 Resp: 13559
Ion Ratio Lower Upper
96 100
61 171.3 138.3 207.5
98 62.2 49.8 74.6

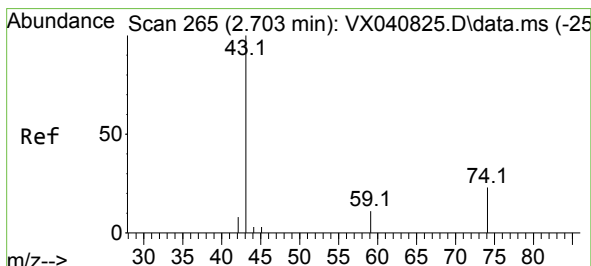
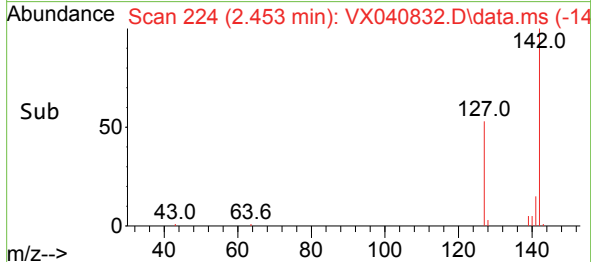
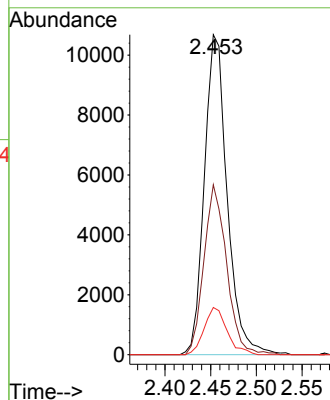
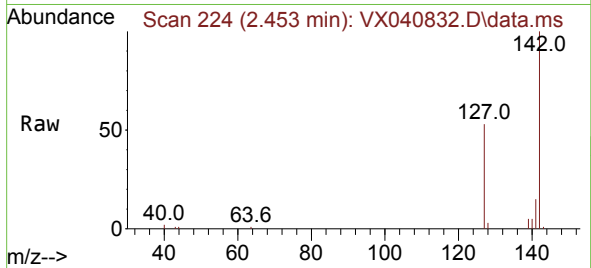




#11
Methyl Iodide
Concen: 21.819 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

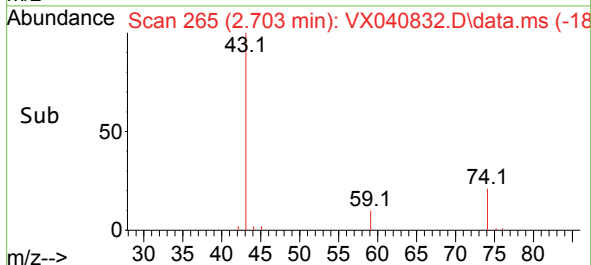
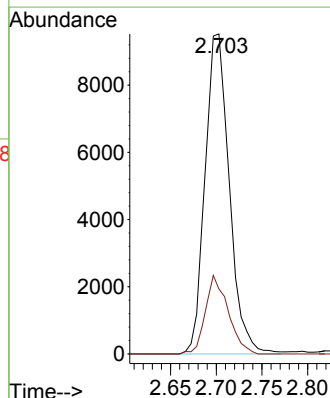
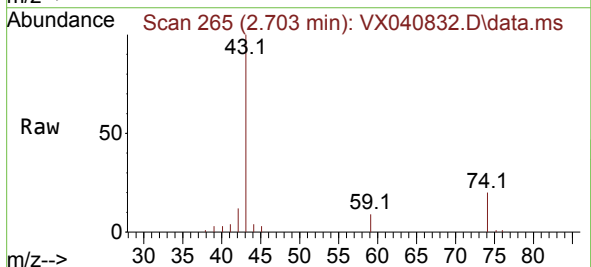
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

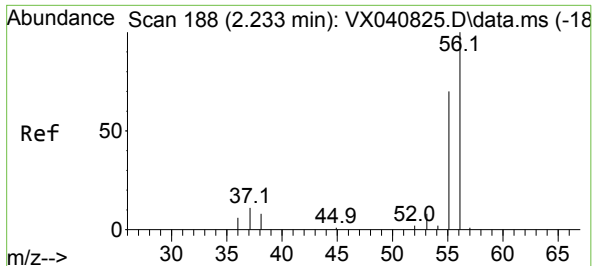
Tgt Ion:142 Resp: 18530
Ion Ratio Lower Upper
142 100
127 53.3 23.8 71.4
141 14.8 6.9 20.6



#12
Methyl Acetate
Concen: 19.725 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 43 Resp: 17594
Ion Ratio Lower Upper
43 100
74 20.3 17.8 26.6





#13

Acrolein

Concen: 95.902 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

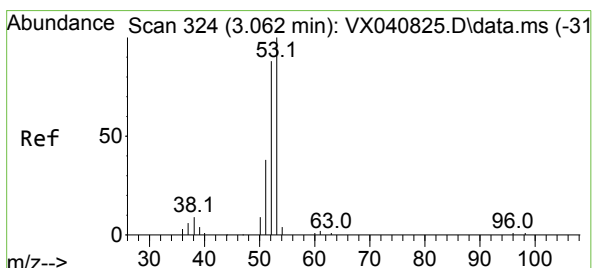
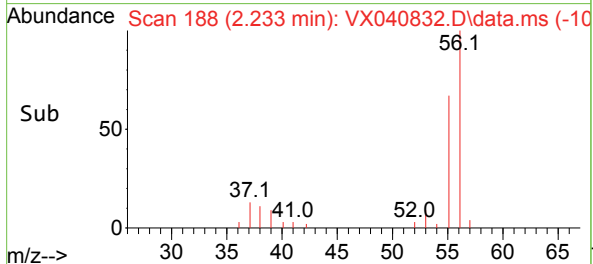
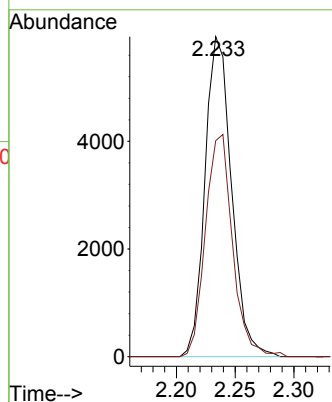
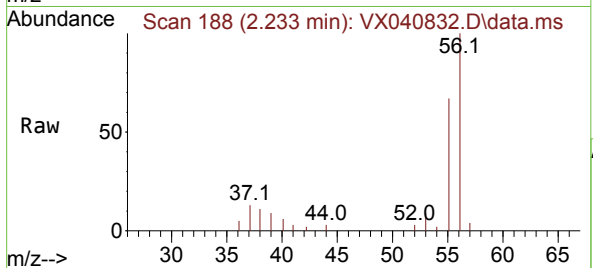
VSTDCCC020

Tgt Ion: 56 Resp: 9371

Ion Ratio Lower Upper

56 100

55 70.6 57.2 85.8



#14

Acrylonitrile

Concen: 102.821 ug/l

RT: 3.056 min Scan# 323

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

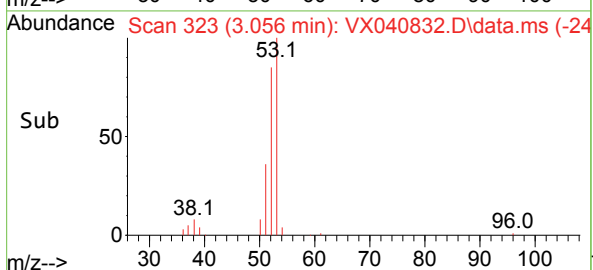
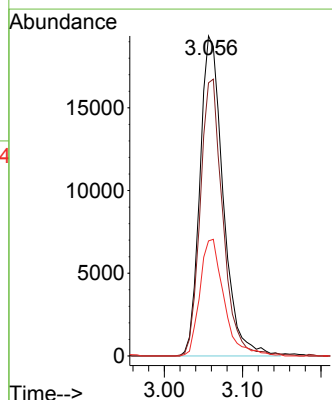
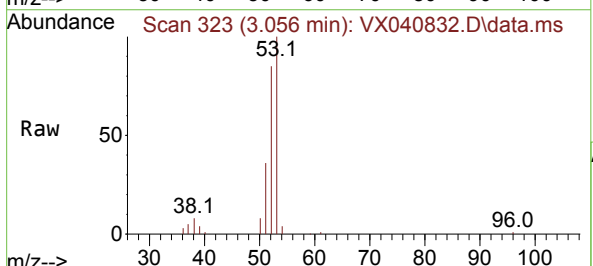
Tgt Ion: 53 Resp: 39928

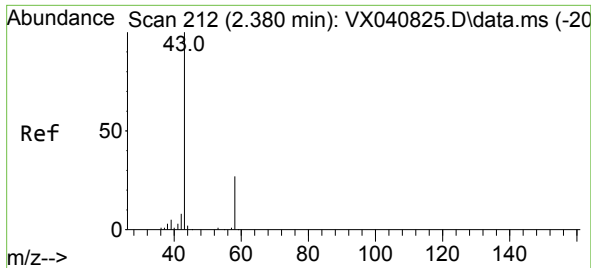
Ion Ratio Lower Upper

53 100

52 83.0 41.9 125.6

51 37.8 18.3 54.9





#15

Acetone

Concen: 97.155 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

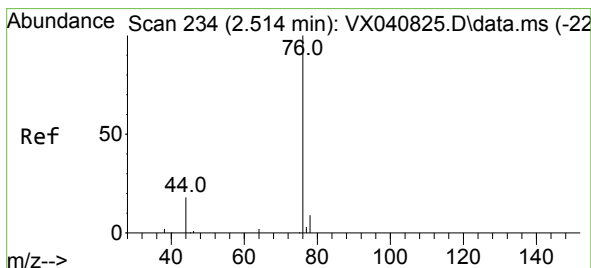
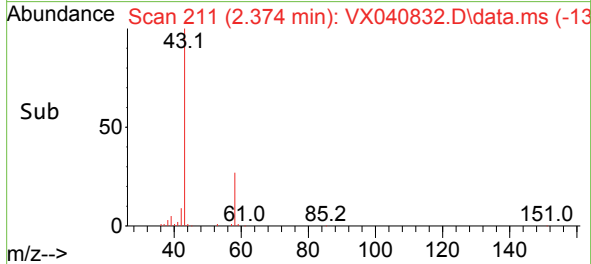
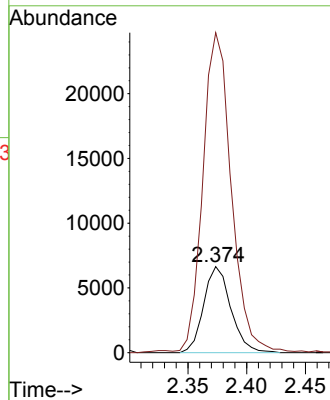
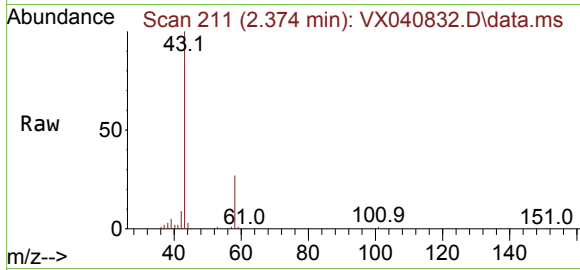
VSTDCCC020

Tgt Ion: 58 Resp: 10699

Ion Ratio Lower Upper

58 100

43 368.9 249.9 374.9



#16

Carbon Disulfide

Concen: 21.790 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040832.D

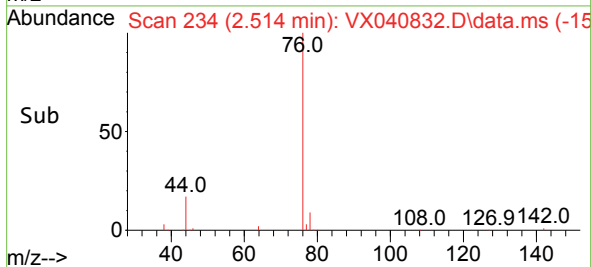
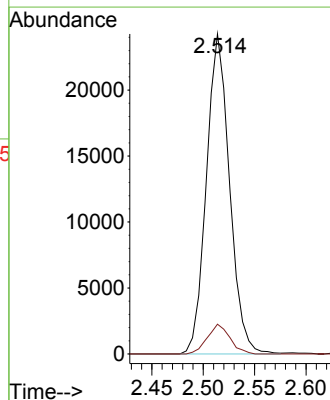
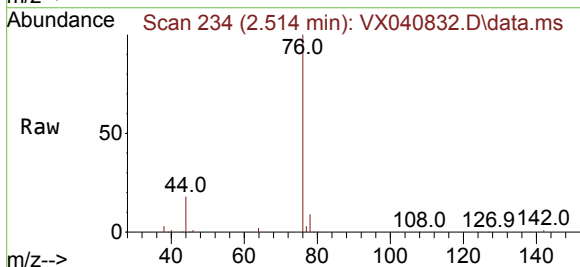
Acq: 29 Mar 2024 09:29

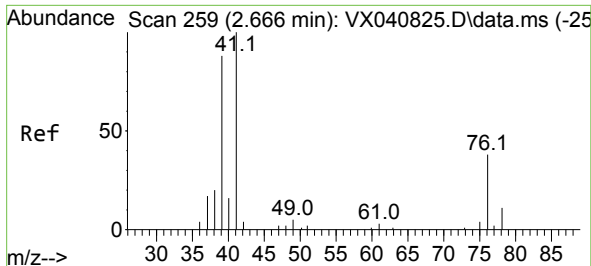
Tgt Ion: 76 Resp: 38024

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 20.788 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

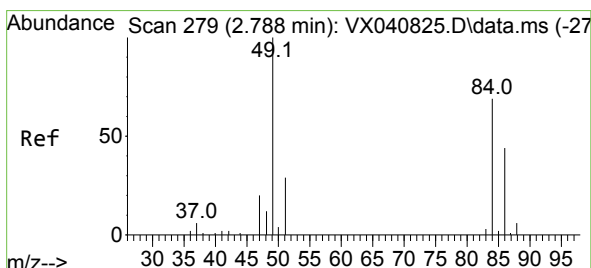
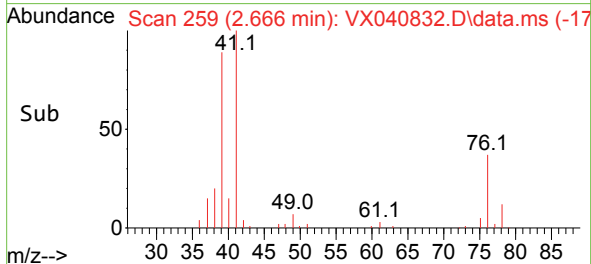
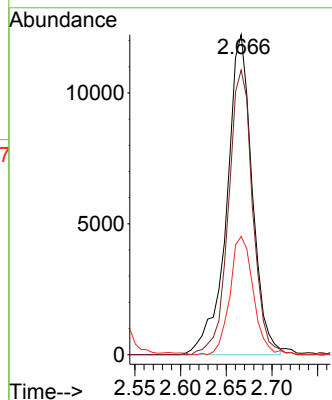
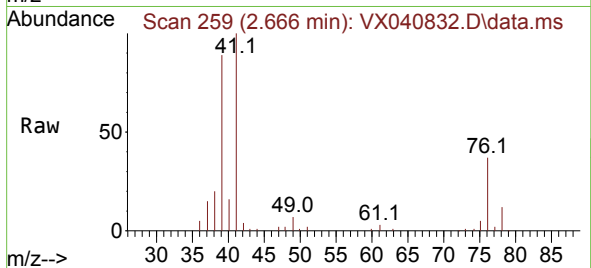
Tgt Ion: 41 Resp: 23712

Ion Ratio Lower Upper

41 100

39 88.9 36.5 109.5

76 36.4 19.7 59.0



#18

Methylene Chloride

Concen: 21.476 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 84 Resp: 14358

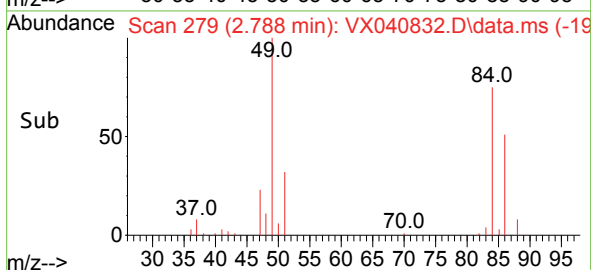
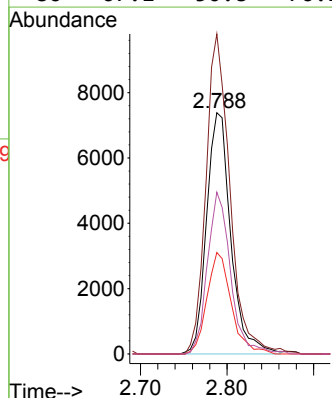
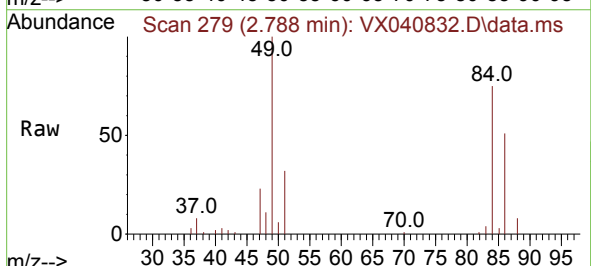
Ion Ratio Lower Upper

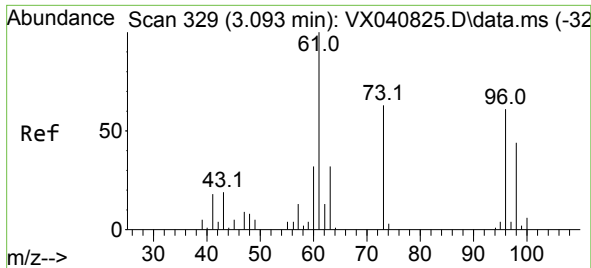
84 100

49 132.7 103.8 155.8

51 42.0 31.8 47.6

86 67.1 50.8 76.2

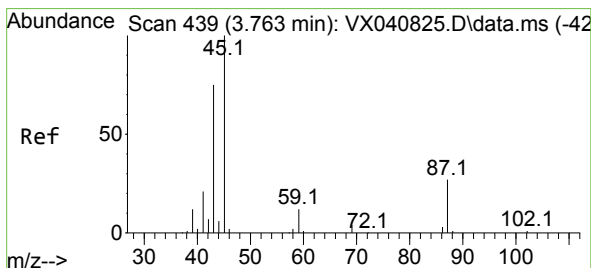
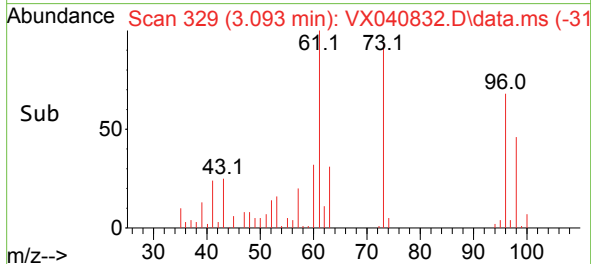
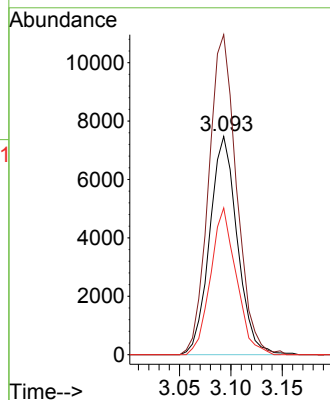
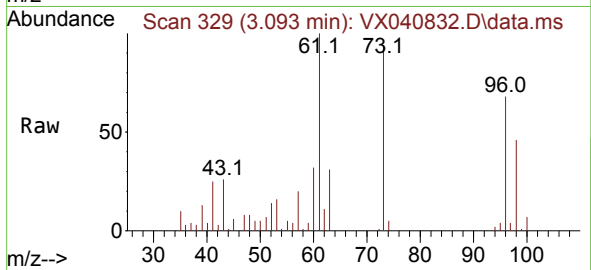




#19
trans-1,2-Dichloroethene
Concen: 21.536 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

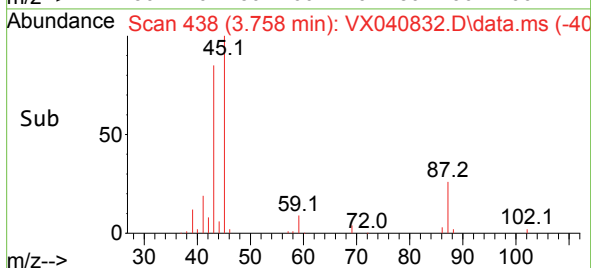
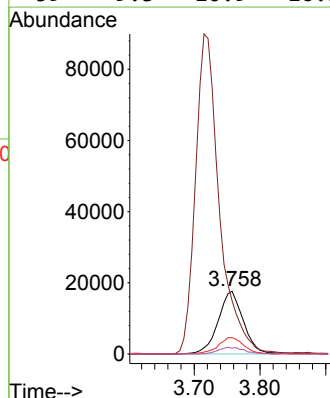
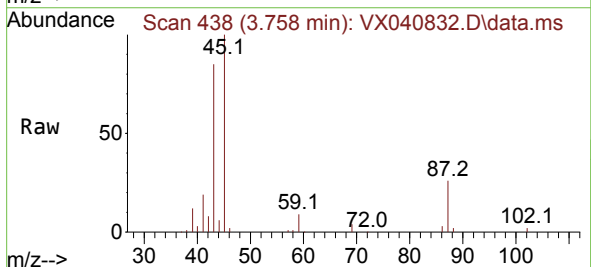
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

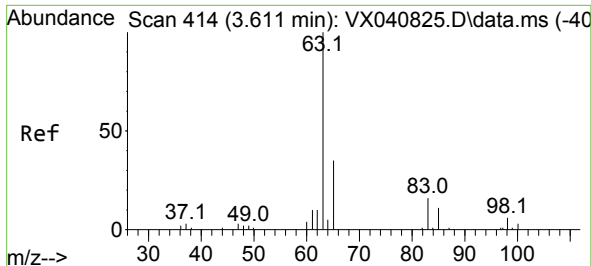
Tgt Ion: 96 Resp: 13983
Ion Ratio Lower Upper
96 100
61 146.6 117.9 176.9
98 67.2 51.0 76.6



#20
Diisopropyl ether
Concen: 21.101 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 45 Resp: 46863
Ion Ratio Lower Upper
45 100
43 82.8 67.7 101.5
87 26.0 21.5 32.3
59 9.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.544 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

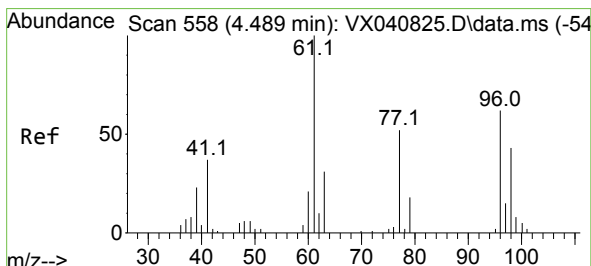
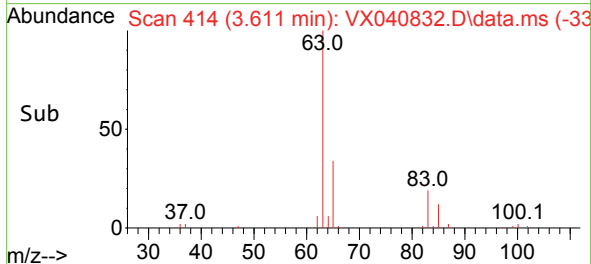
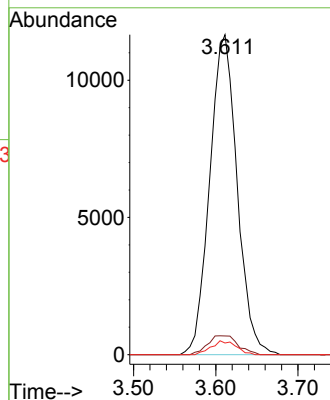
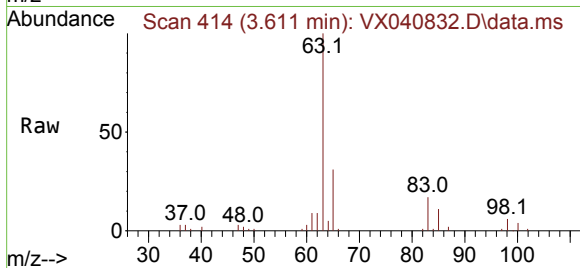
Tgt Ion: 63 Resp: 27011

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.6 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 21.012 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

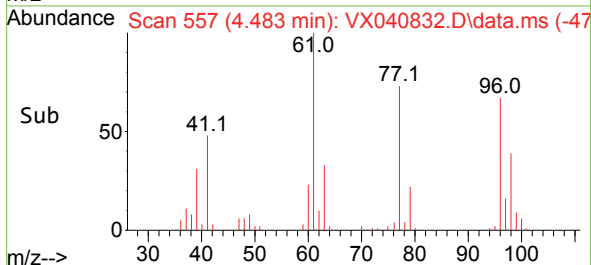
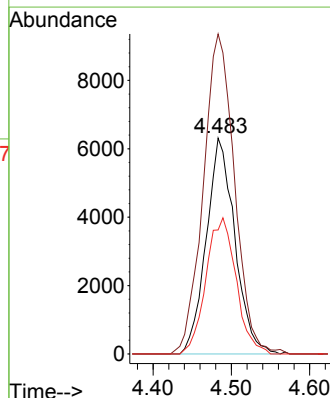
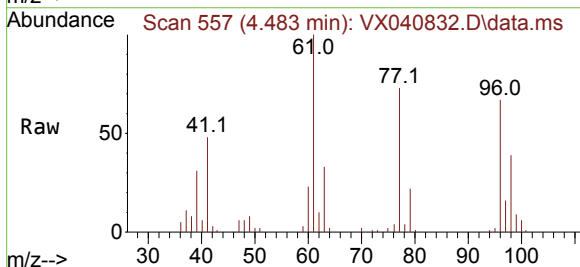
Tgt Ion: 96 Resp: 16029

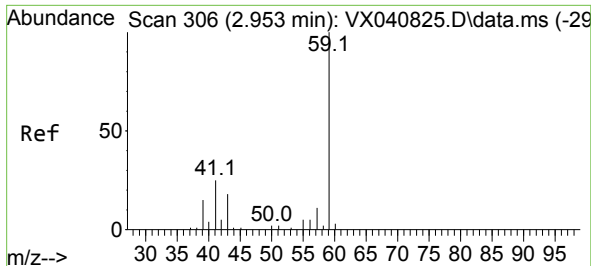
Ion Ratio Lower Upper

96 100

61 161.4 119.8 179.6

98 66.3 50.9 76.3

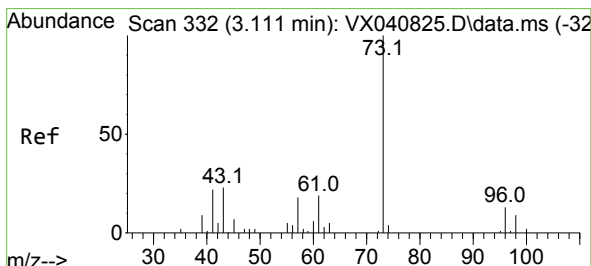
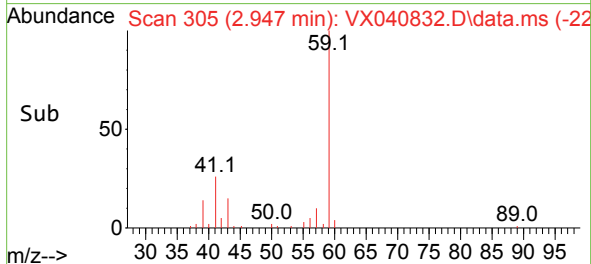
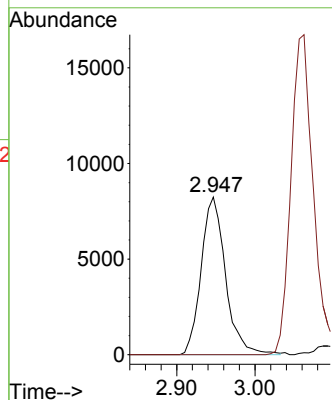
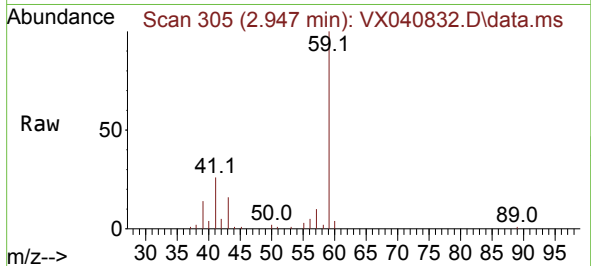




#23
tert-Butyl Alcohol
Concen: 99.047 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

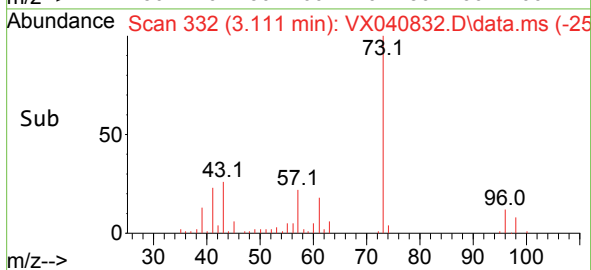
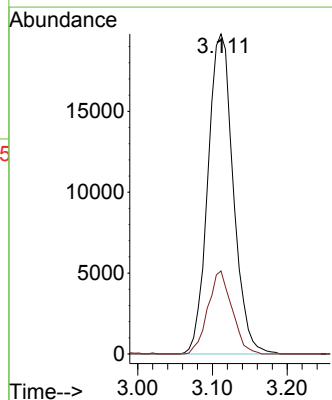
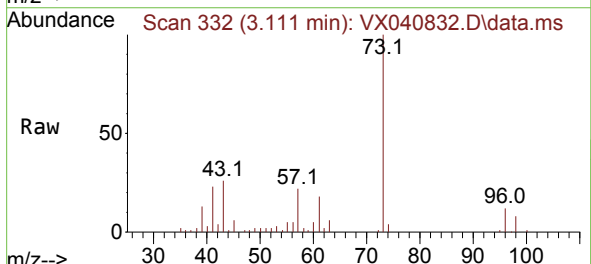
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

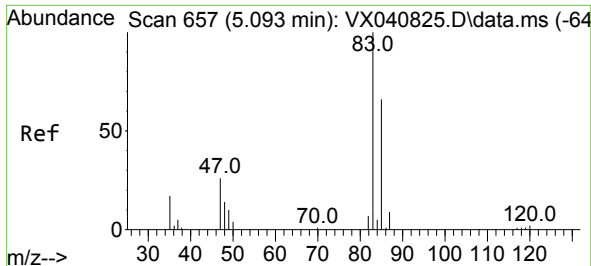
Tgt Ion: 59 Resp: 17842
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.081 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 73 Resp: 46608
Ion Ratio Lower Upper
73 100
43 24.6 17.0 25.6

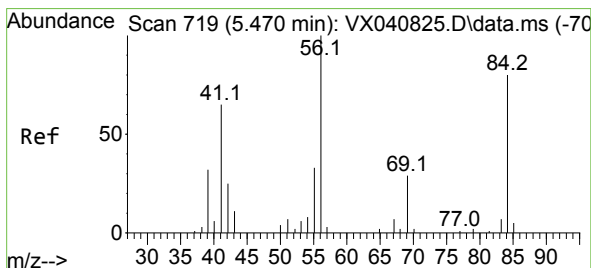
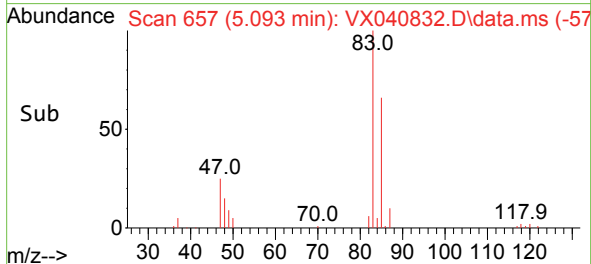
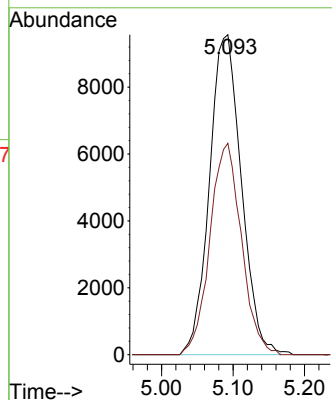
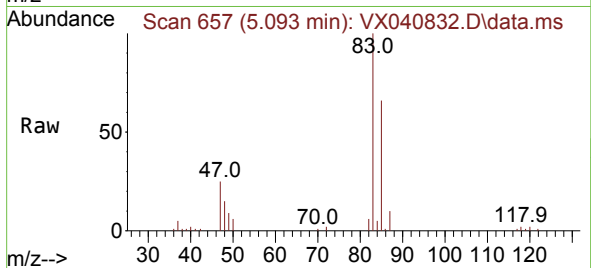




#25
Chloroform
Concen: 21.802 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

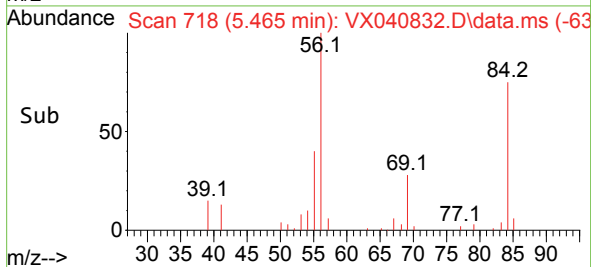
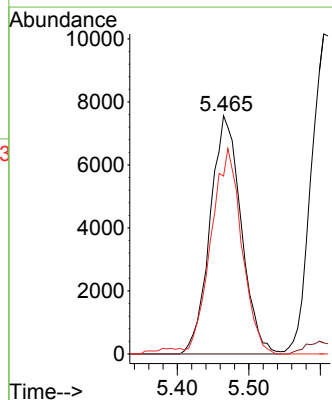
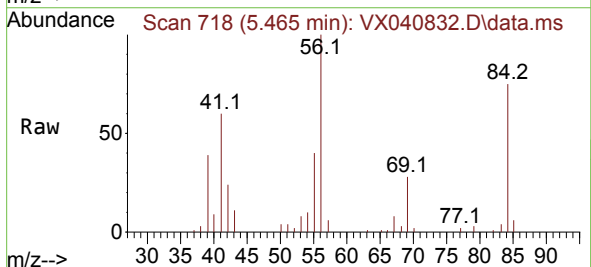
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

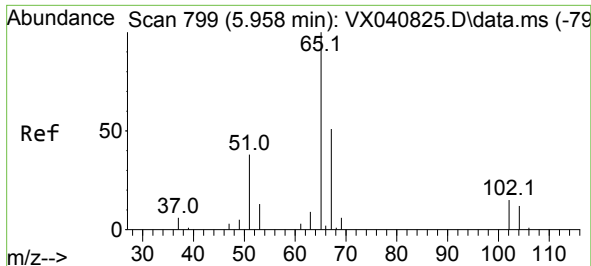
Tgt Ion: 83 Resp: 29629
Ion Ratio Lower Upper
83 100
85 66.1 54.6 81.8



#26
Cyclohexane
Concen: 21.910 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 56 Resp: 22834
Ion Ratio Lower Upper
56 100
89 1.5 0.0 0.0#
84 85.1 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 31.048 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

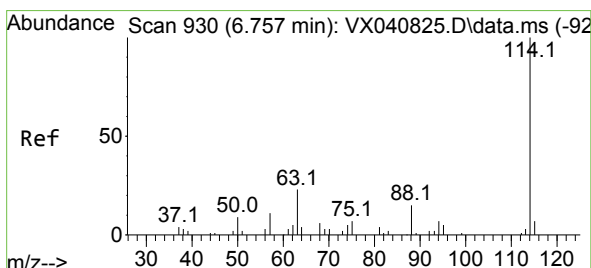
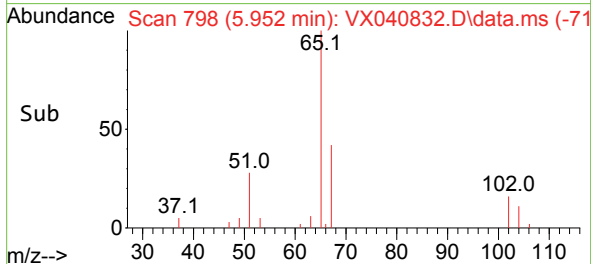
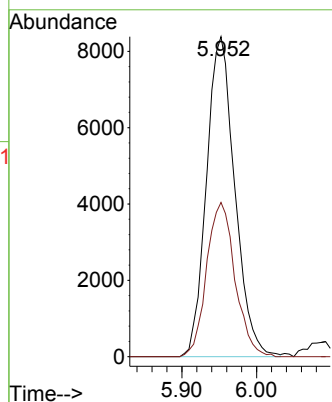
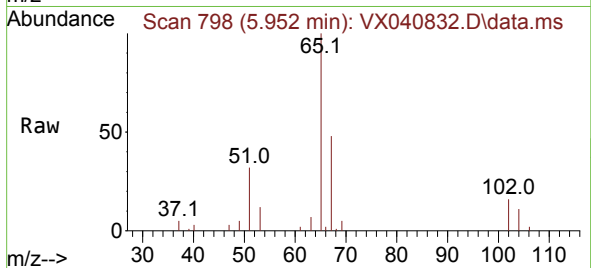
VSTDCCC020

Tgt Ion: 65 Resp: 22083

Ion Ratio Lower Upper

65 100

67 48.3 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

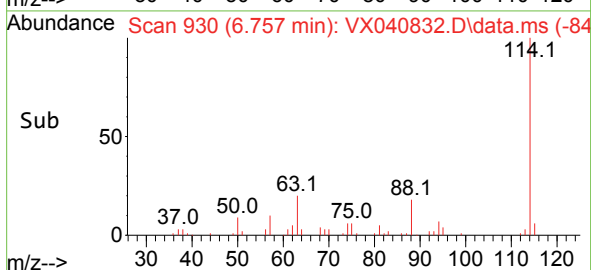
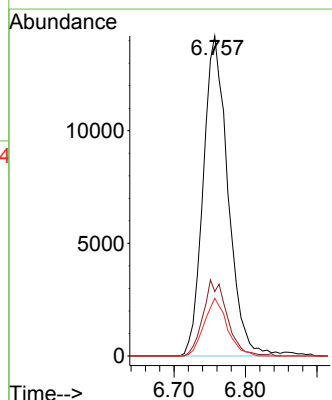
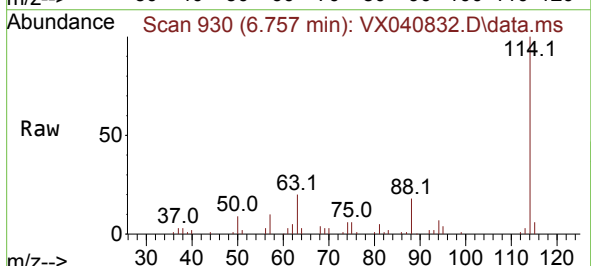
Tgt Ion: 114 Resp: 34169

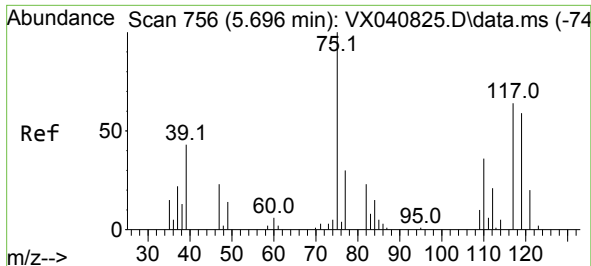
Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.4

88 16.8 12.7 19.1

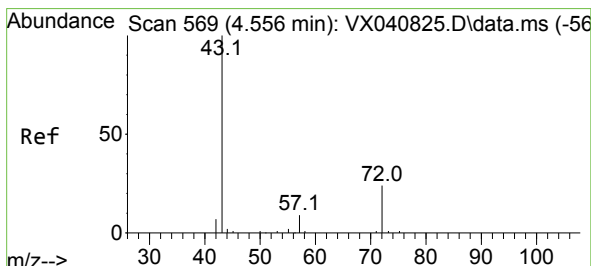
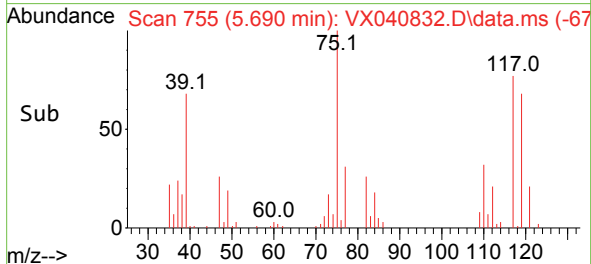
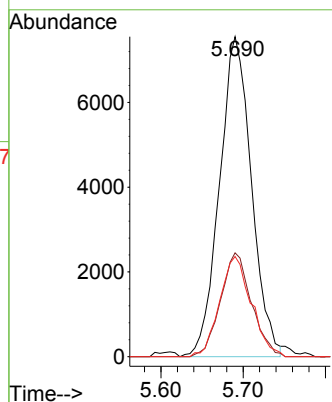
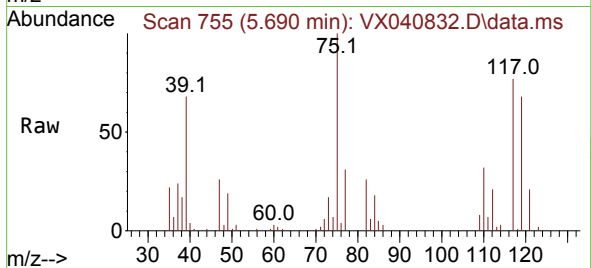




#29
1,1-Dichloropropene
Concen: 21.398 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

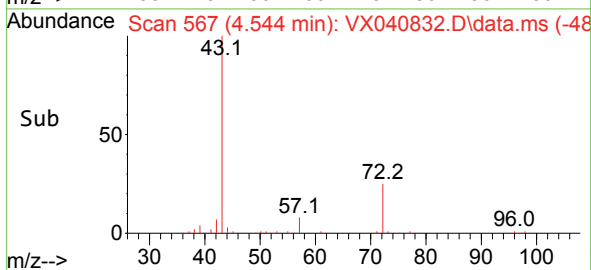
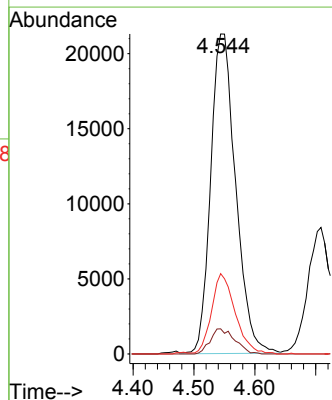
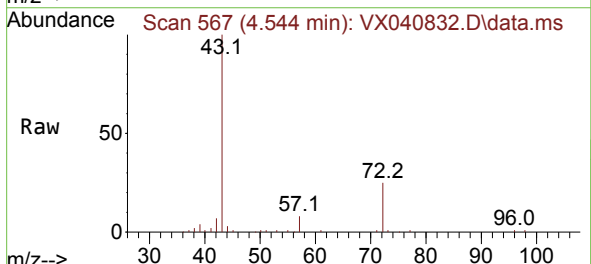
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

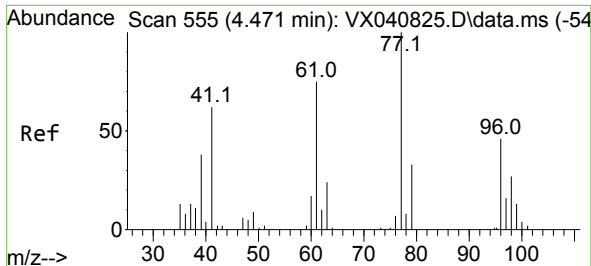
Tgt Ion:	75	Resp:	20402
Ion	Ratio	Lower	Upper
75	100		
110	31.4	0.0	71.2
77	31.0	0.0	62.6



#30
2-Butanone
Concen: 100.504 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.012 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:	43	Resp:	60631
Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.6	10.0
72	23.7	20.6	31.0

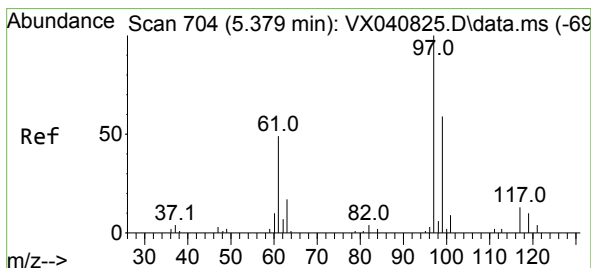
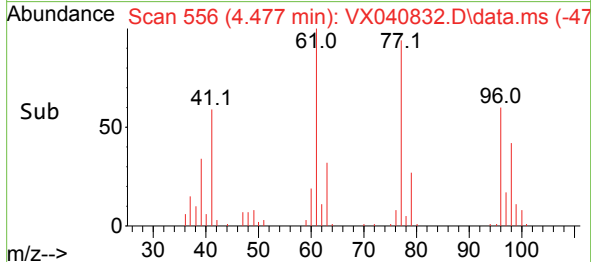
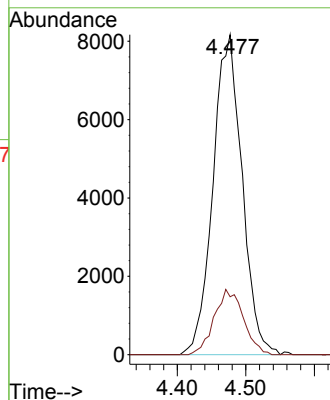
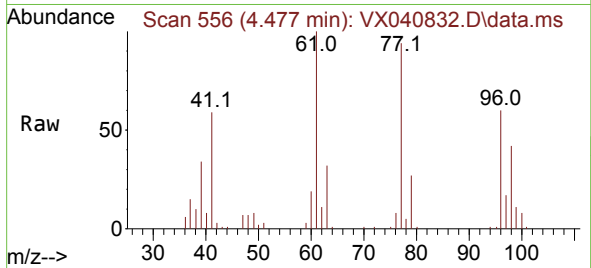




#31
2,2-Dichloropropane
Concen: 21.374 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

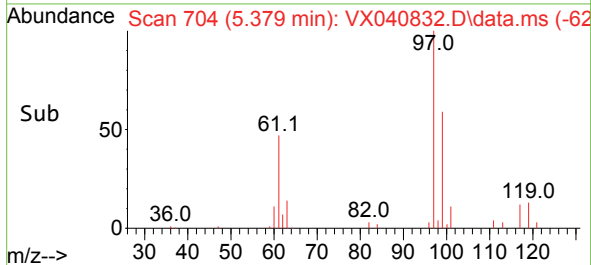
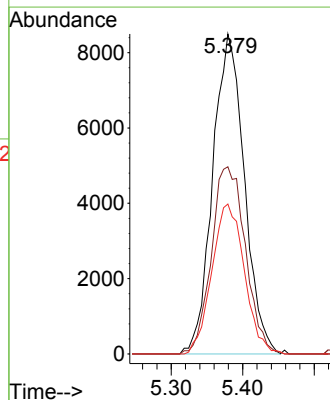
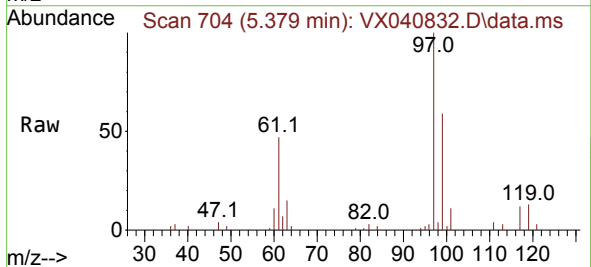
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

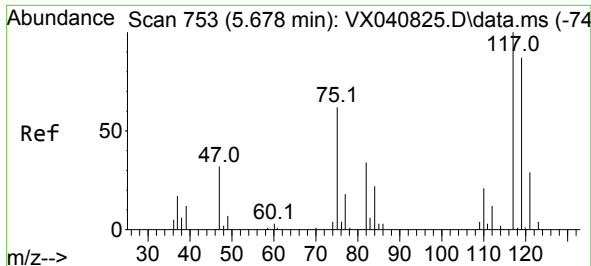
Tgt Ion: 77 Resp: 24068
Ion Ratio Lower Upper
77 100
97 20.4 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 20.700 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 97 Resp: 26059
Ion Ratio Lower Upper
97 100
99 62.9 52.6 79.0
61 48.3 36.9 55.3

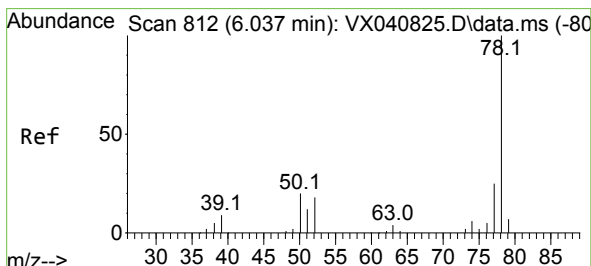
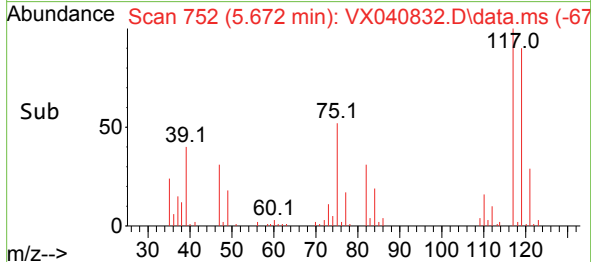
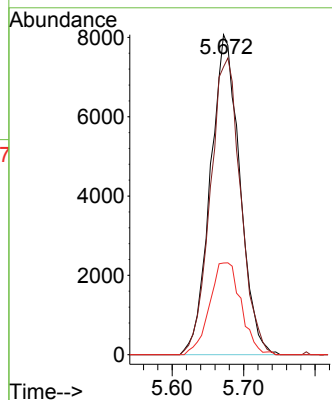
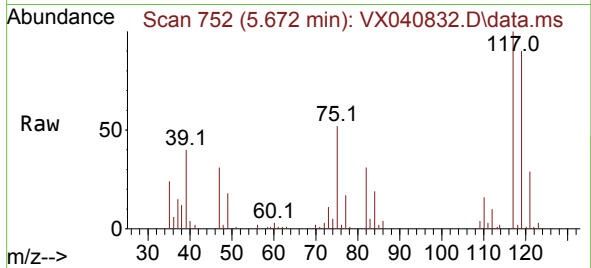




#33
Carbon Tetrachloride
Concen: 21.202 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

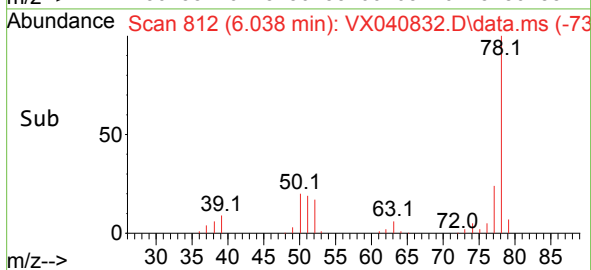
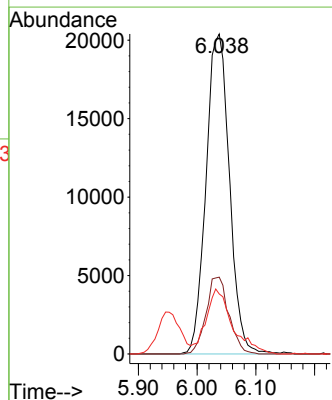
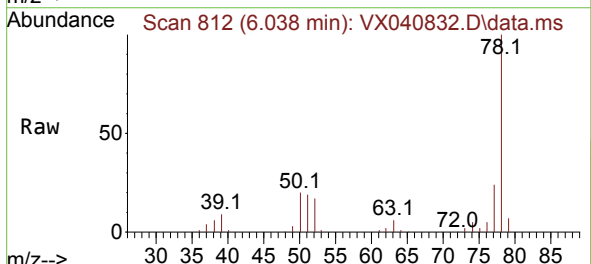
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

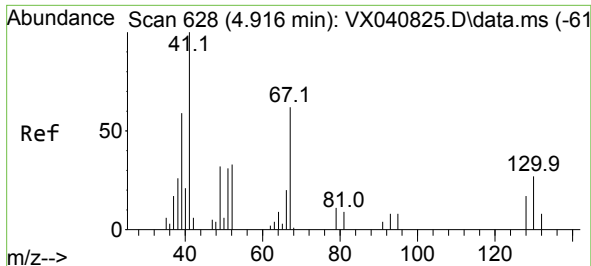
Tgt Ion:117 Resp: 23039
Ion Ratio Lower Upper
117 100
119 89.9 78.2 117.4
121 28.7 24.7 37.1



#34
Benzene
Concen: 20.652 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 78 Resp: 56483
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9
51 18.7 14.4 21.6

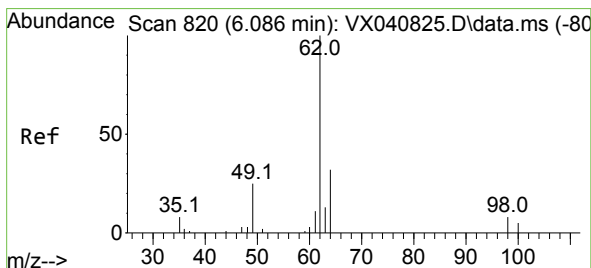
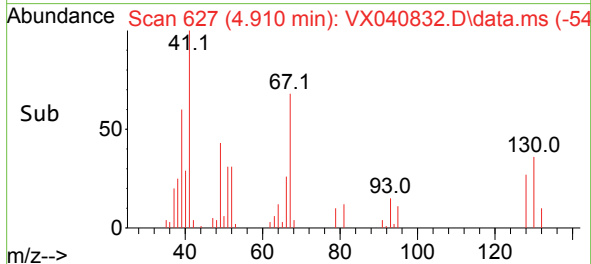
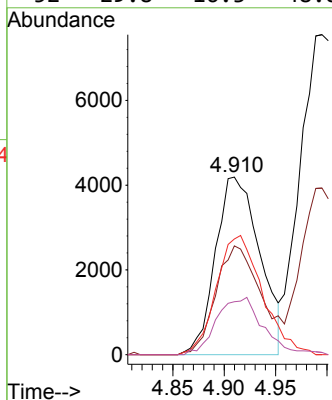
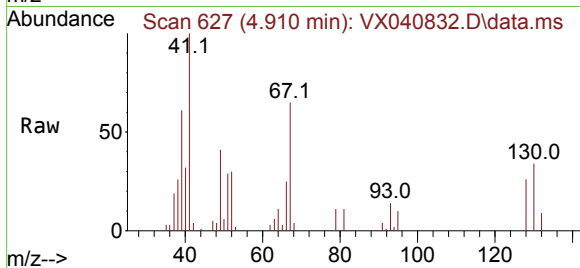




#35
Methacrylonitrile
Concen: 19.742 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

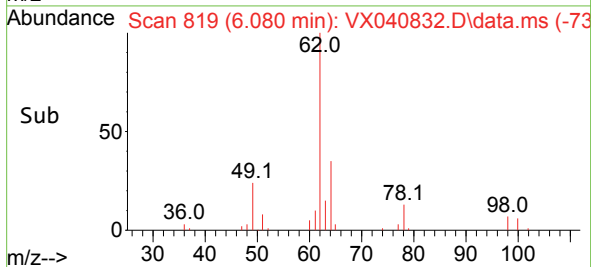
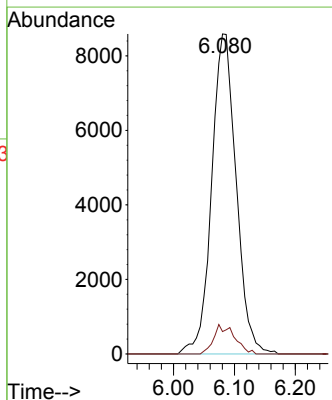
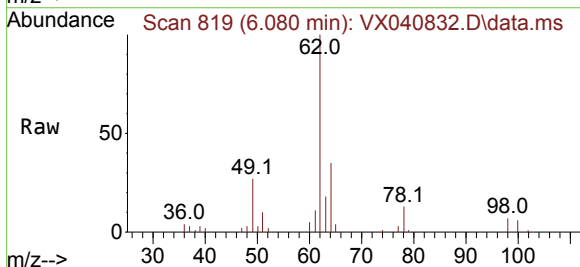
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

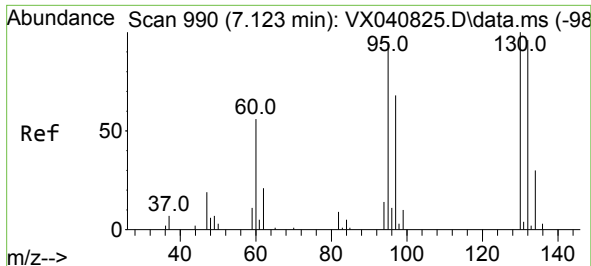
Tgt Ion:	41	Resp:	12604
Ion	Ratio	Lower	Upper
41	100		
39	61.3	28.2	84.7
67	65.1	34.5	103.5
52	29.8	16.3	48.8



#36
1,2-Dichloroethane
Concen: 20.182 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:	62	Resp:	23983
Ion	Ratio	Lower	Upper
62	100		
98	3.6	7.0	10.4#





#37

Trichloroethene

Concen: 19.861 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

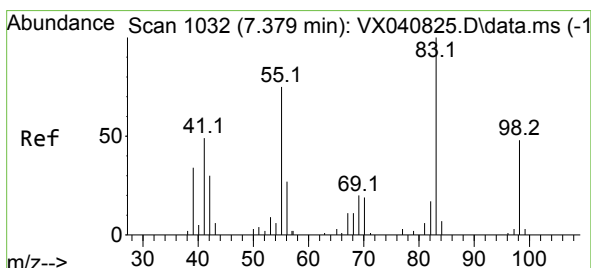
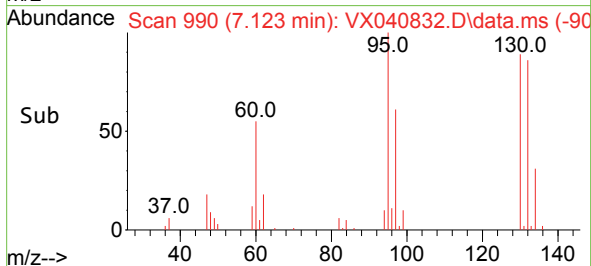
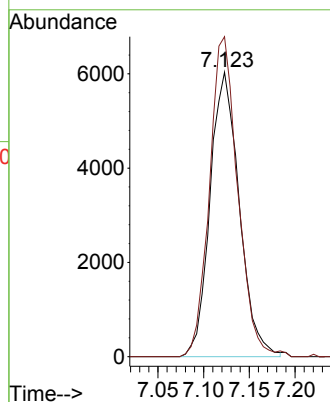
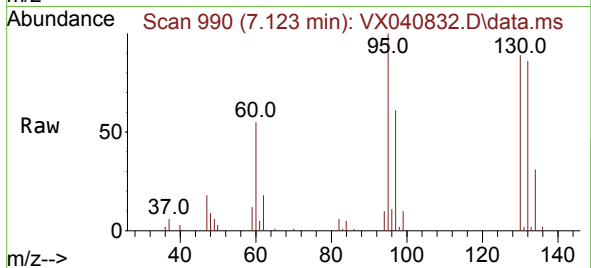
VSTDCCC020

Tgt Ion:130 Resp: 13419

Ion Ratio Lower Upper

130 100

95 112.5 85.8 128.8



#38

Methylcyclohexane

Concen: 20.862 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

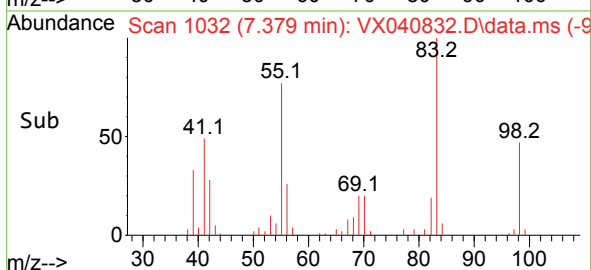
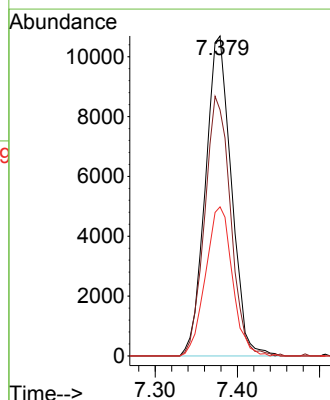
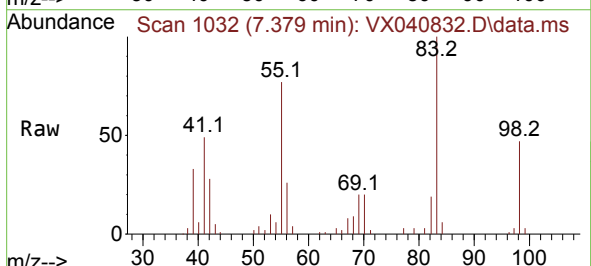
Tgt Ion: 83 Resp: 23483

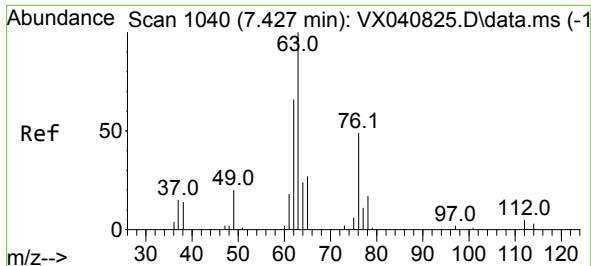
Ion Ratio Lower Upper

83 100

55 81.0 38.6 116.0

98 48.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.471 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

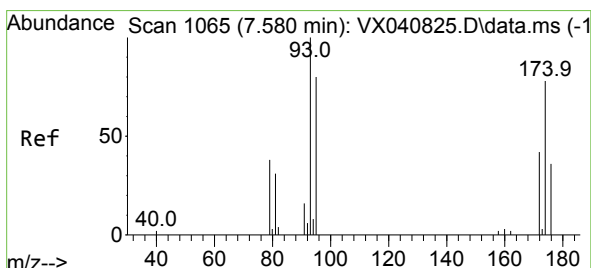
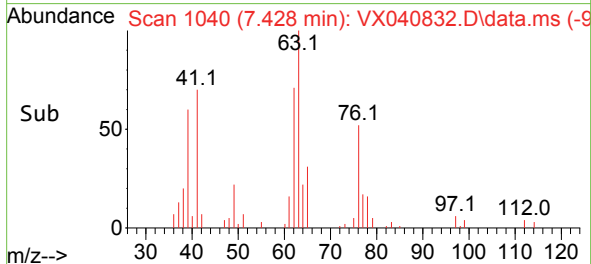
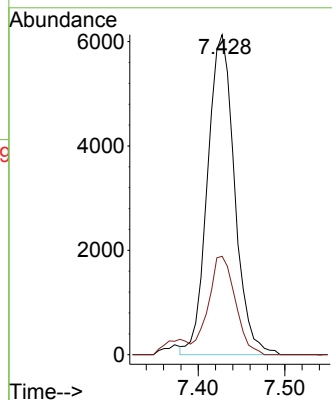
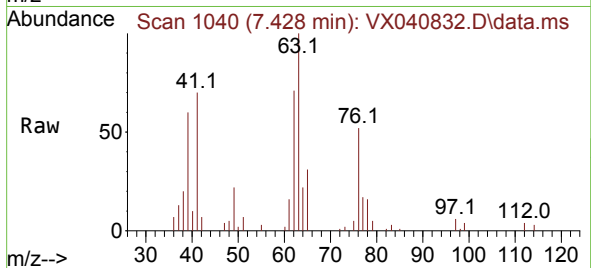
VSTDCCC020

Tgt Ion: 63 Resp: 13302

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#40

Dibromomethane

Concen: 20.994 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

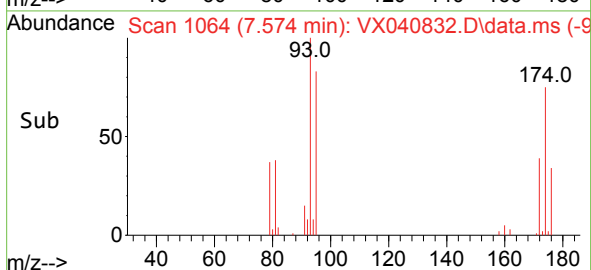
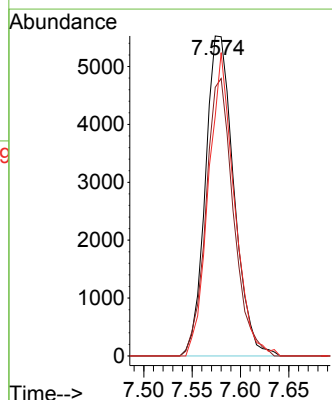
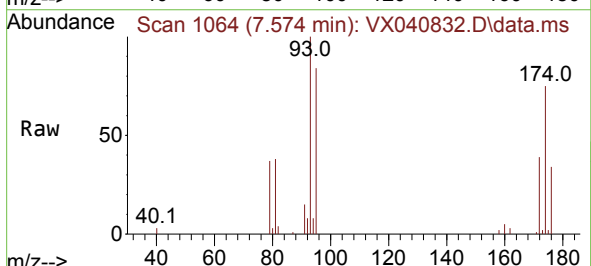
Tgt Ion: 93 Resp: 11311

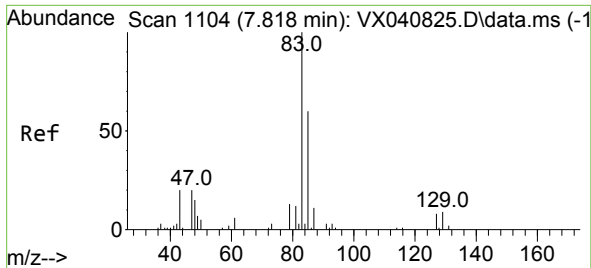
Ion Ratio Lower Upper

93 100

95 84.0 0.0 163.4

174 85.9 0.0 166.4

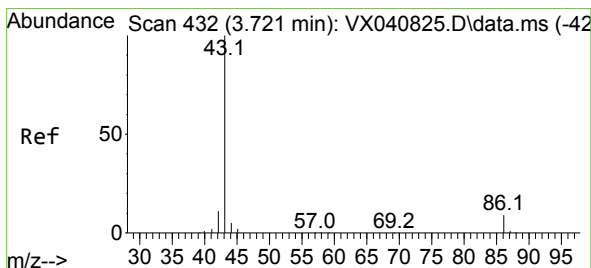
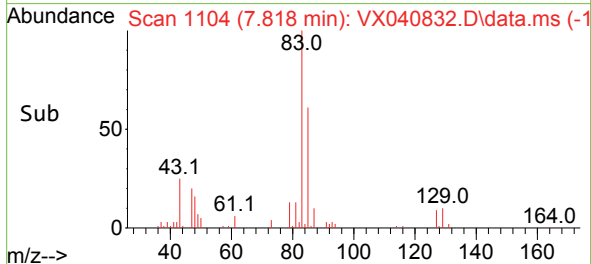
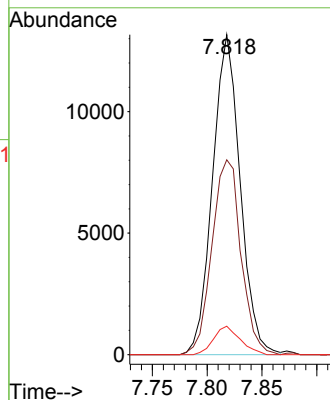
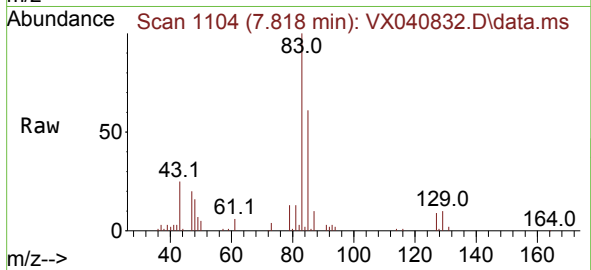




#41
Bromodichloromethane
Concen: 21.108 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

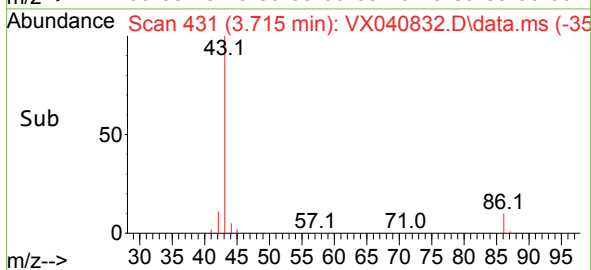
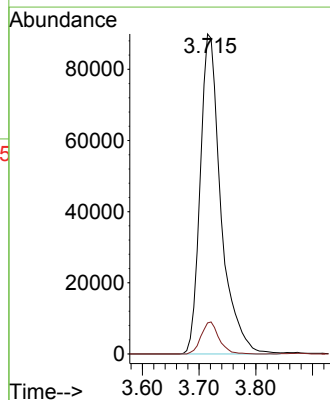
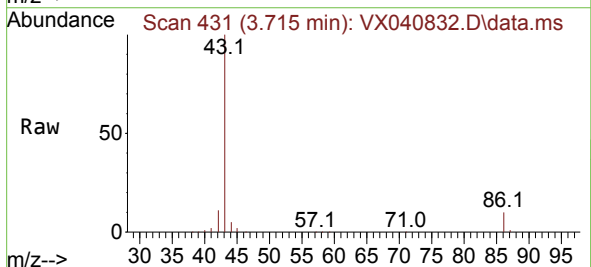
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

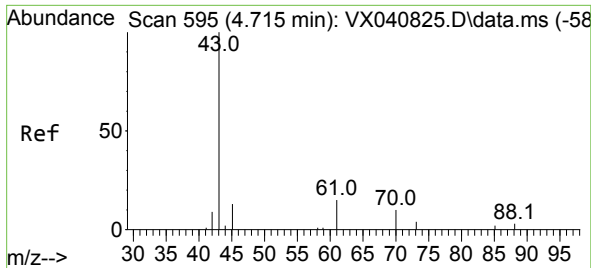
Tgt Ion: 83 Resp: 23087
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2
127 8.9 5.9 8.9#



#42
Vinyl Acetate
Concen: 102.129 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 43 Resp: 227725
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1

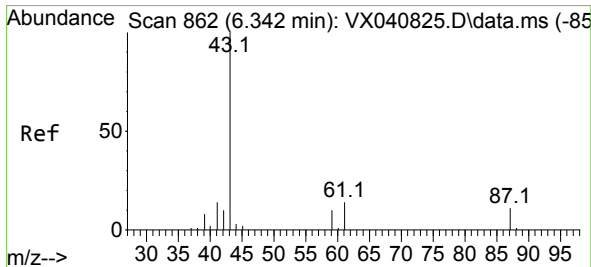
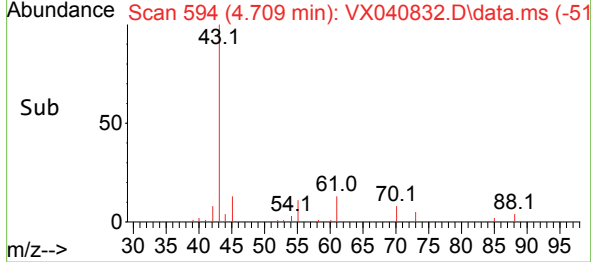
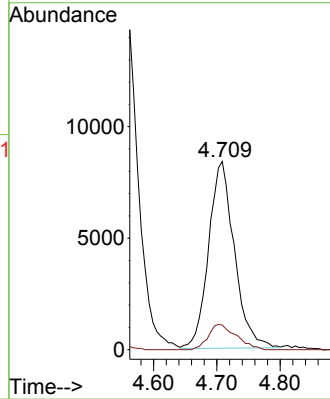
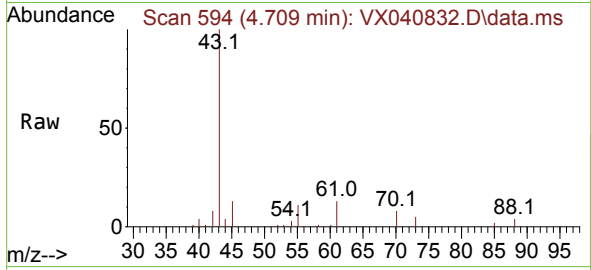




#43
Ethyl Acetate
Concen: 20.218 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

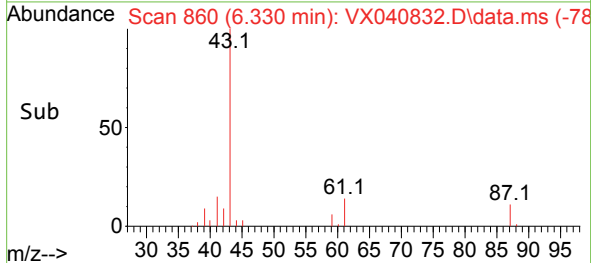
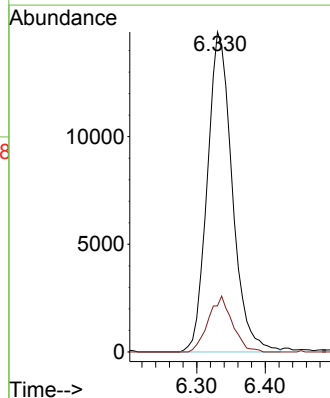
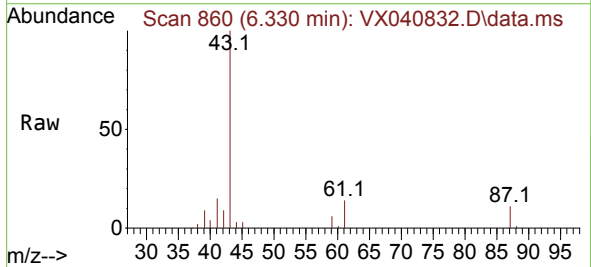
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

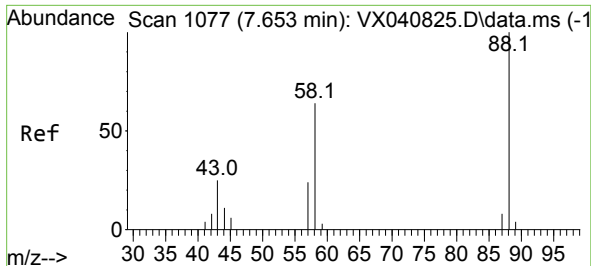
Tgt Ion: 43 Resp: 23738
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.033 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 43 Resp: 37581
Ion Ratio Lower Upper
43 100
61 16.7 15.6 23.4

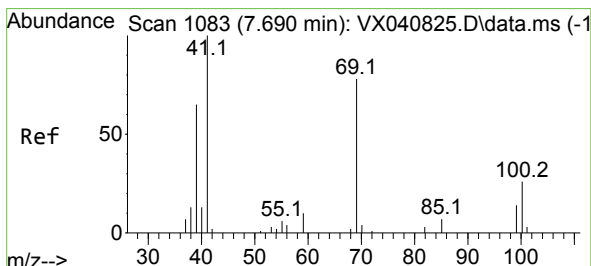
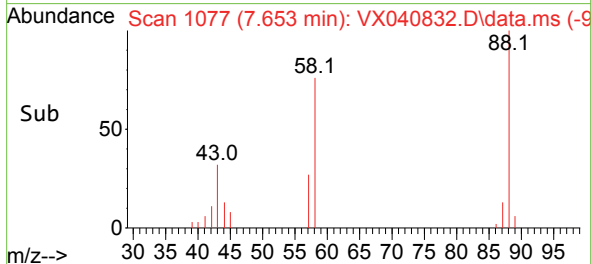
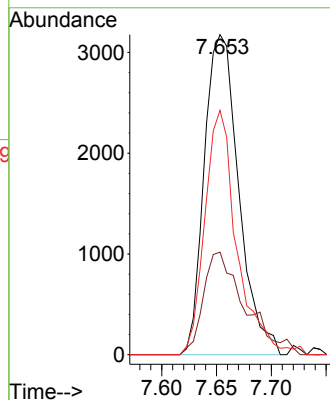
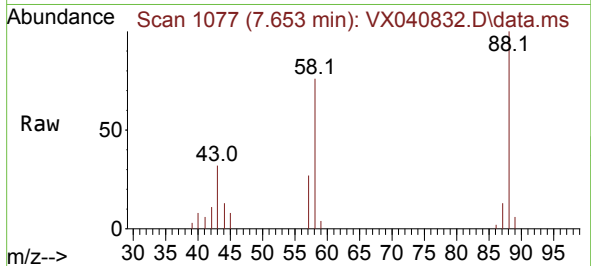




#45
1,4-Dioxane
Concen: 395.765 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

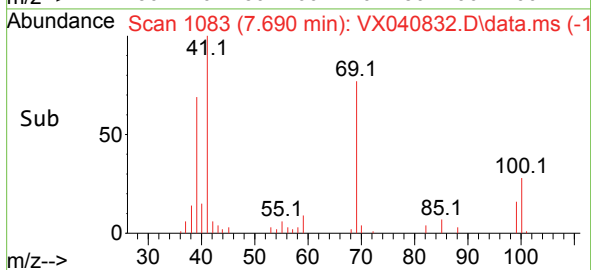
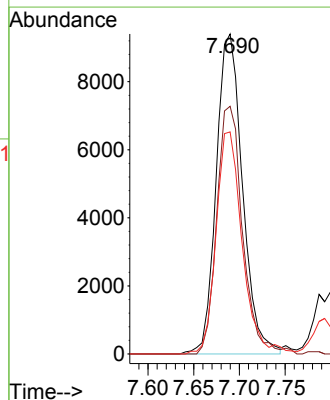
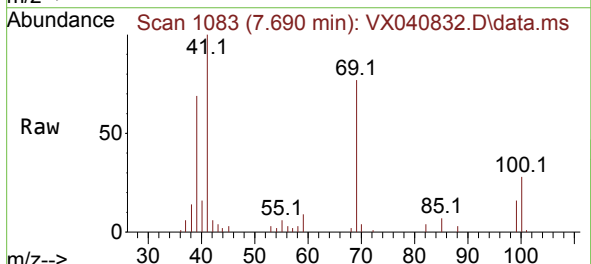
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

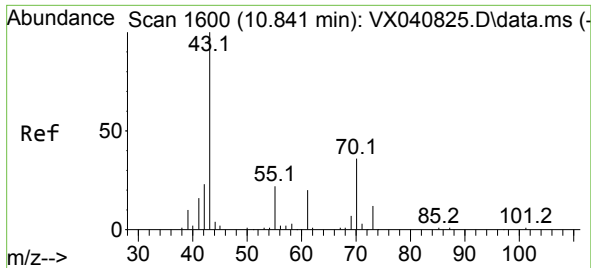
Tgt Ion: 88	Resp: 6952
Ion Ratio	Lower Upper
88 100	
43 31.0	28.1 42.1
58 70.6	57.7 86.5



#46
Methyl methacrylate
Concen: 20.819 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 41	Resp: 18803		
Ion Ratio	Lower	Upper	
41 100			
69 77.4	39.6	118.8	
39 69.4	30.1	90.3	

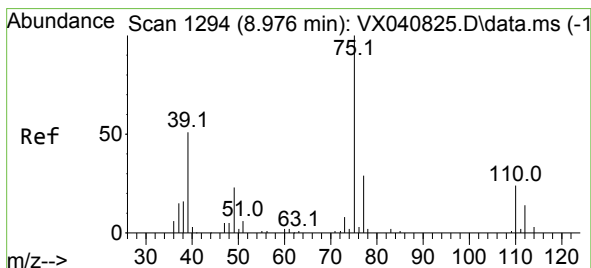
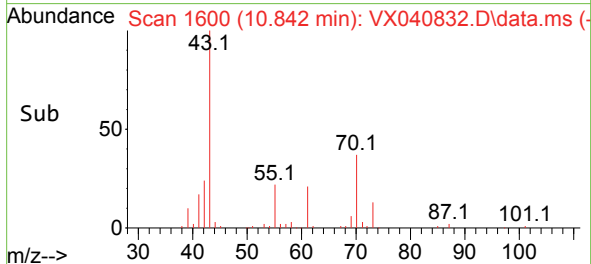
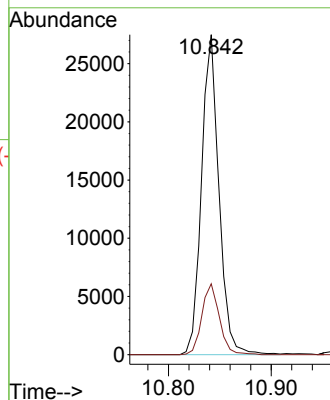
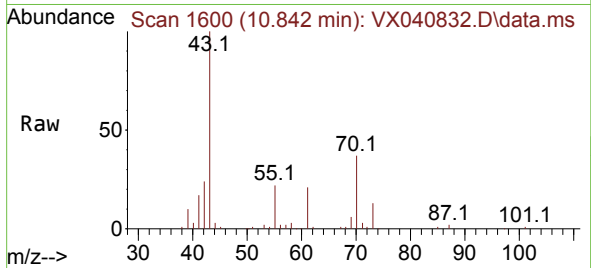




#47
n-amyl acetate
Concen: 19.227 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

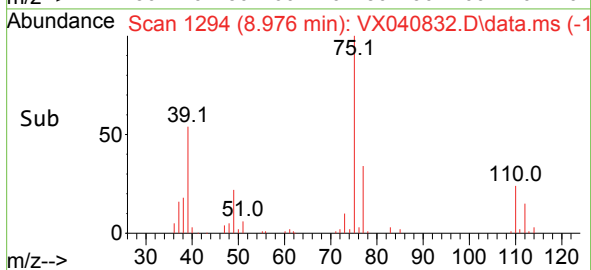
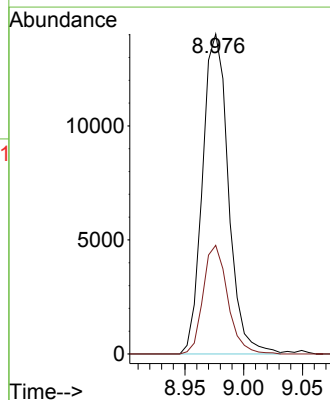
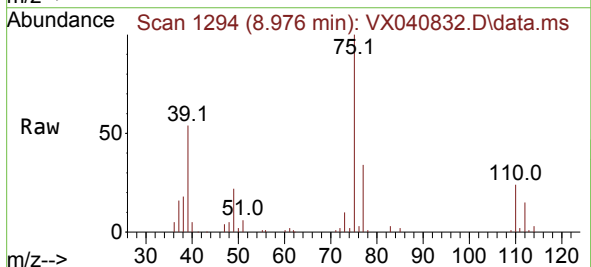
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

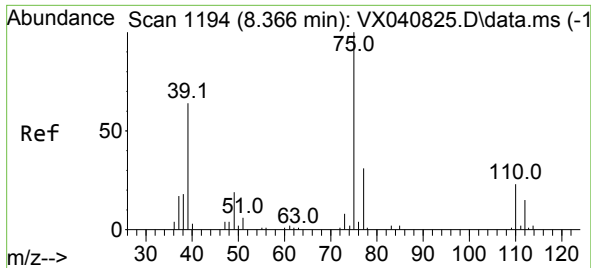
Tgt Ion: 43 Resp: 32480
Ion Ratio Lower Upper
43 100
55 22.2 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.853 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 75 Resp: 21542
Ion Ratio Lower Upper
75 100
77 33.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.402 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

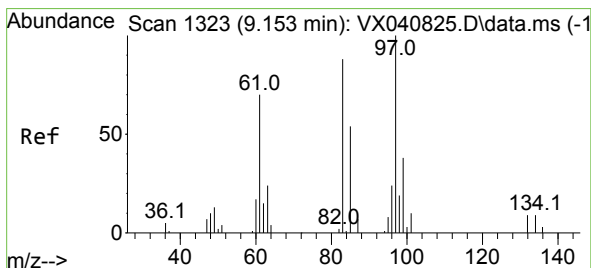
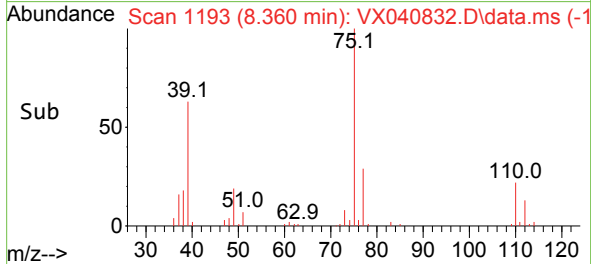
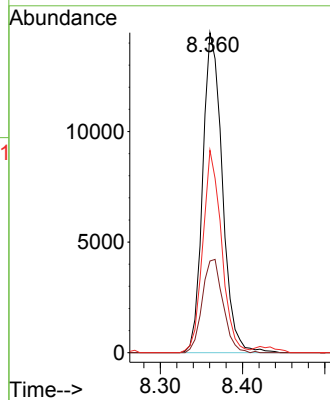
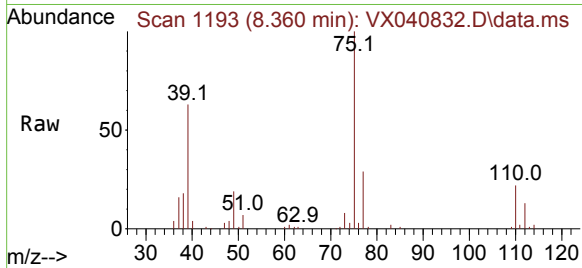
Tgt Ion: 75 Resp: 23991

Ion Ratio Lower Upper

75 100

77 28.6 24.4 36.6

39 63.2 40.6 60.8#



#50

1,1,2-Trichloroethane

Concen: 20.423 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion: 97 Resp: 13494

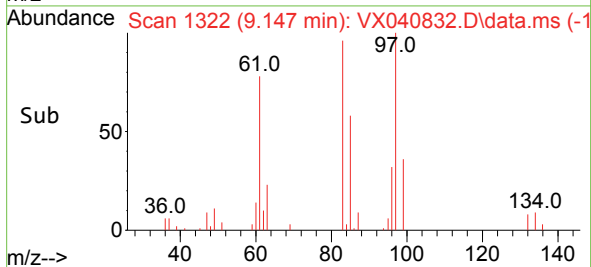
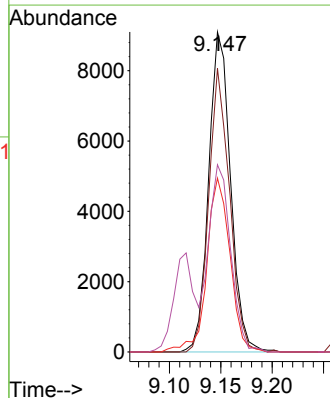
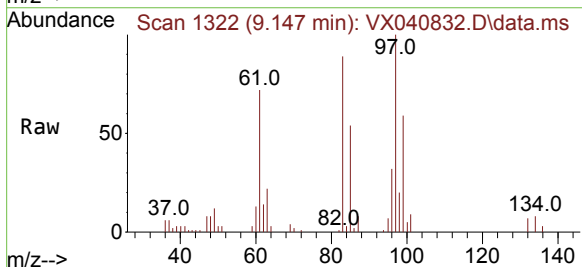
Ion Ratio Lower Upper

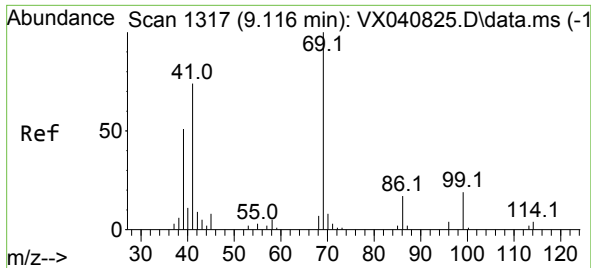
97 100

83 88.6 69.0 103.6

85 54.3 46.3 69.5

99 58.5 50.9 76.3

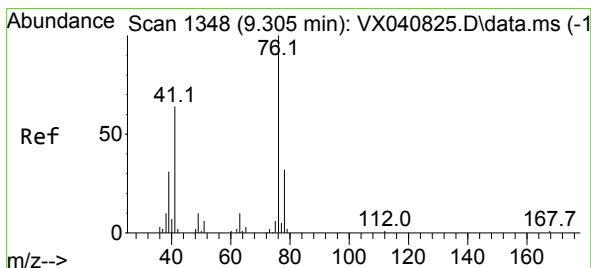
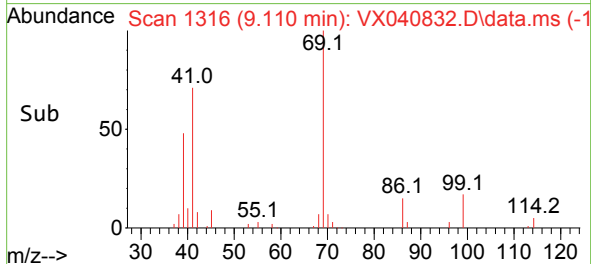
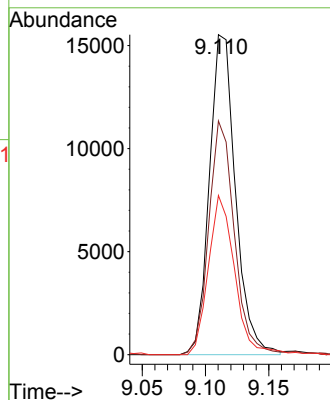
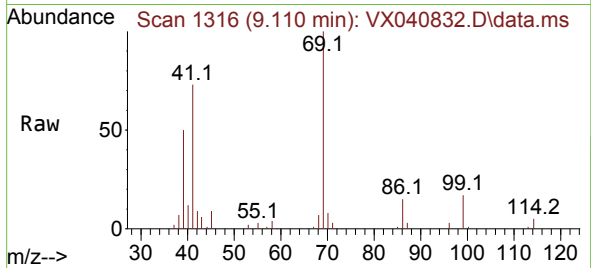




#51
Ethyl methacrylate
Concen: 19.360 ug/l
RT: 9.110 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

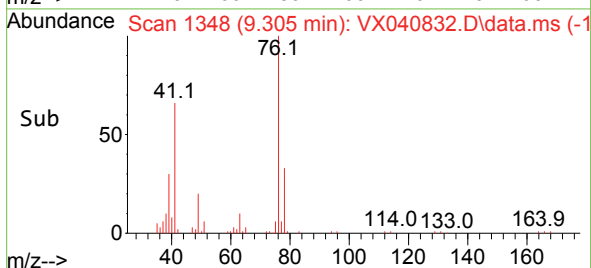
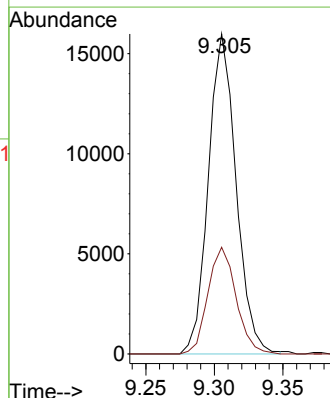
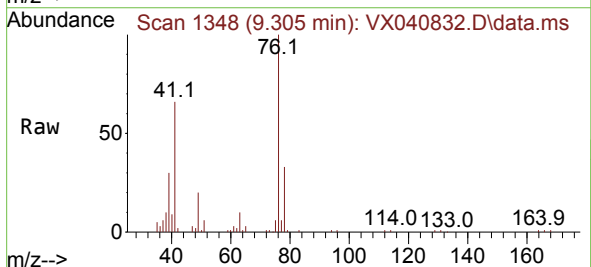
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

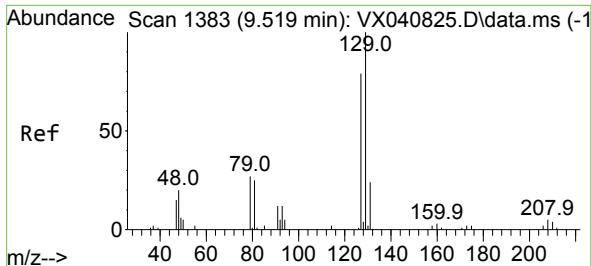
Tgt Ion: 69 Resp: 22341
Ion Ratio Lower Upper
69 100
41 73.0 36.2 108.6
39 49.8 21.1 63.4



#52
1,3-Dichloropropane
Concen: 19.833 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 76 Resp: 22523
Ion Ratio Lower Upper
76 100
78 33.9 0.0 65.0

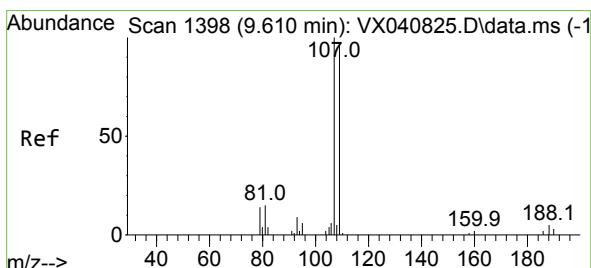
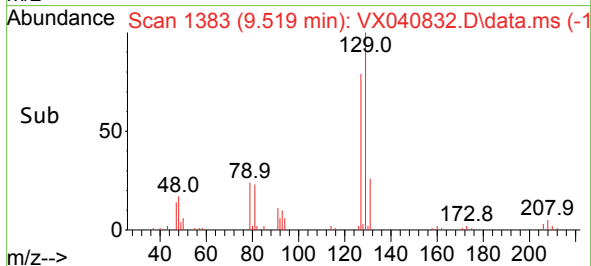
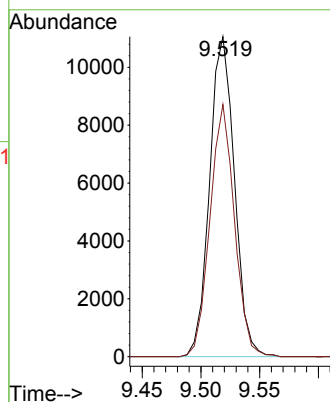
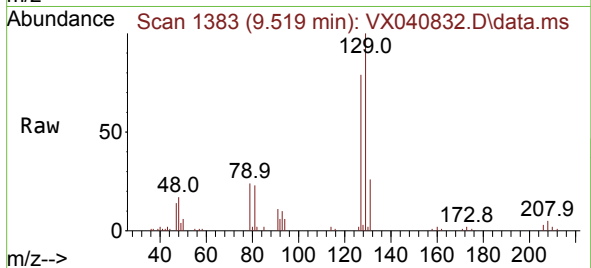




#53
Dibromochloromethane
Concen: 20.553 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

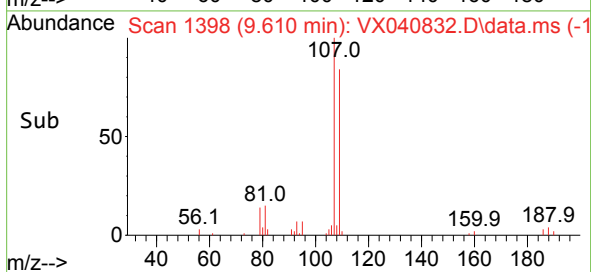
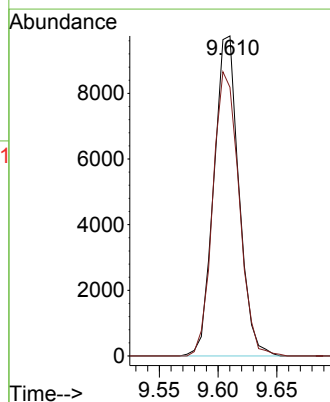
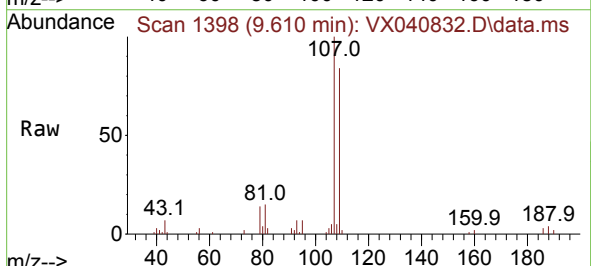
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

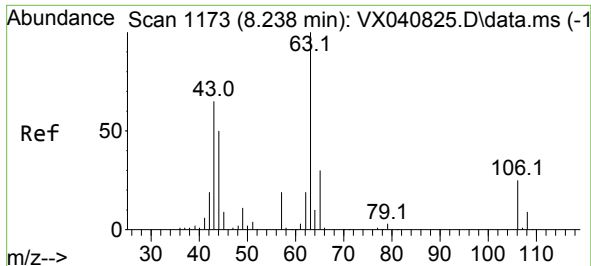
Tgt Ion:129 Resp: 16271
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.768 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:107 Resp: 14457
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 83.371 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

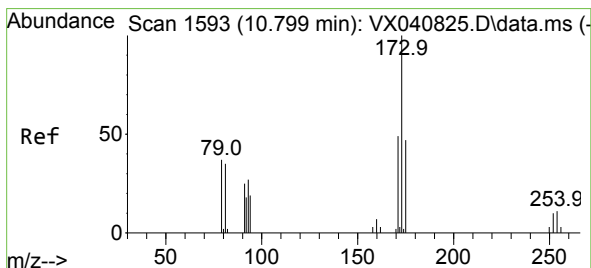
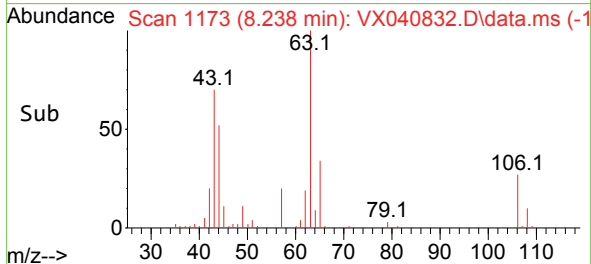
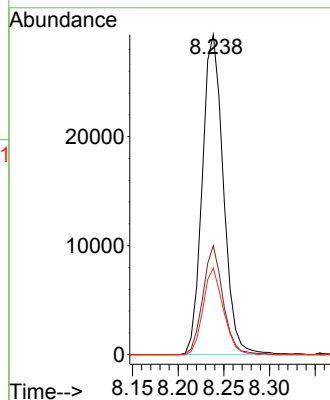
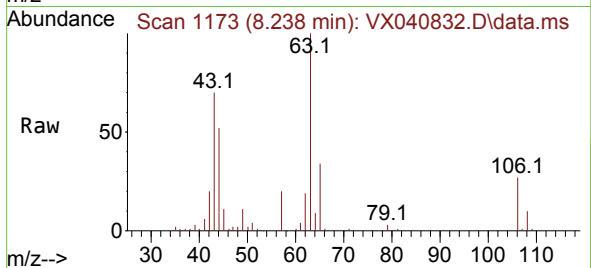
Tgt Ion: 63 Resp: 47060

Ion Ratio Lower Upper

63 100

65 32.5 25.8 38.6

106 25.9 20.6 31.0



#56

Bromoform

Concen: 20.583 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

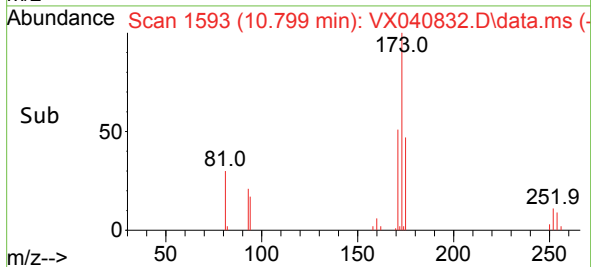
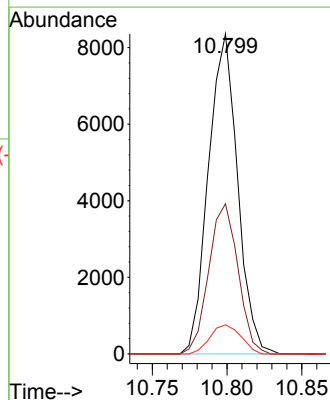
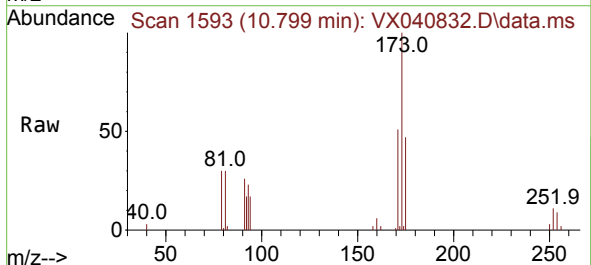
Tgt Ion:173 Resp: 11329

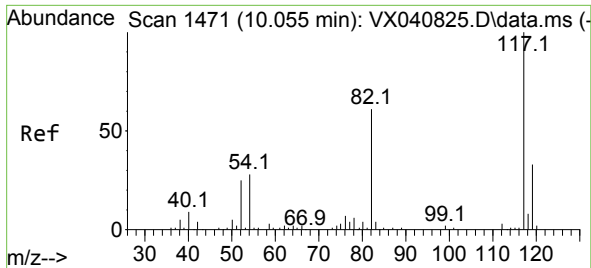
Ion Ratio Lower Upper

173 100

175 47.1 37.6 56.4

254 9.6 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

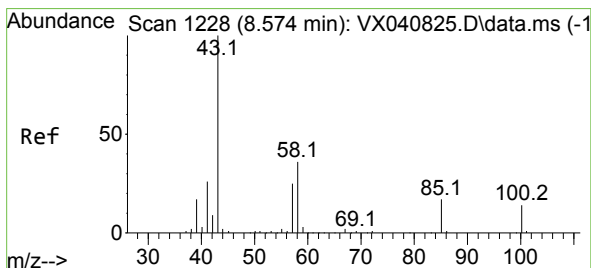
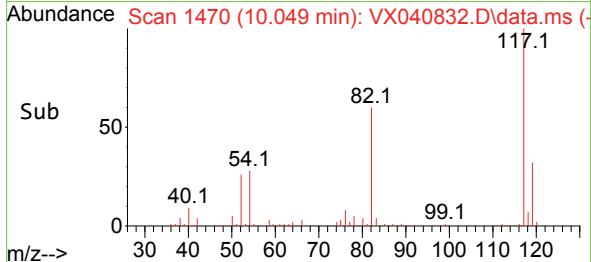
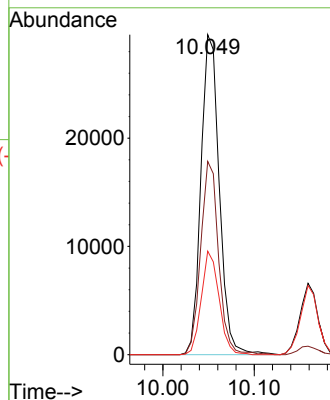
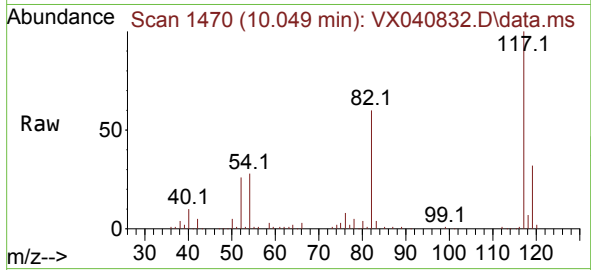
Tgt Ion:117 Resp: 41199

Ion Ratio Lower Upper

117 100

82 58.6 47.0 70.6

119 31.2 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 107.704 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

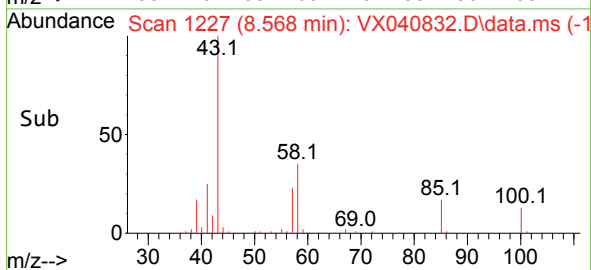
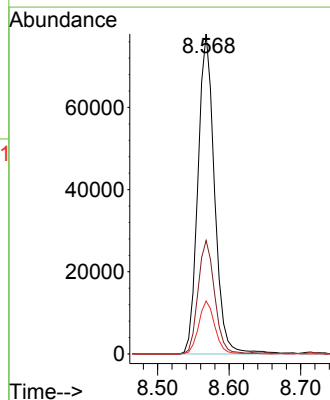
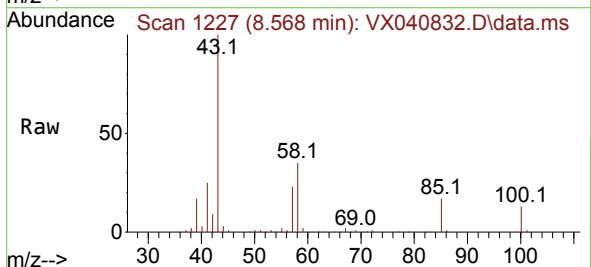
Tgt Ion: 43 Resp: 125322

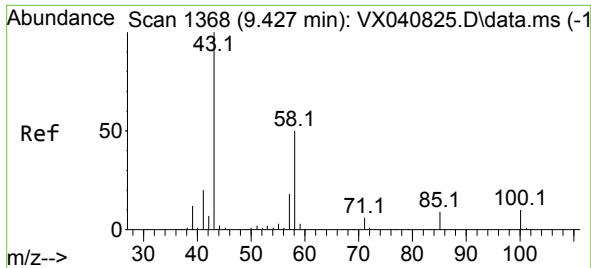
Ion Ratio Lower Upper

43 100

58 35.3 30.1 45.1

85 16.2 13.9 20.9

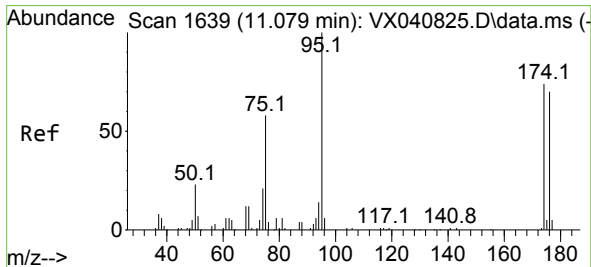
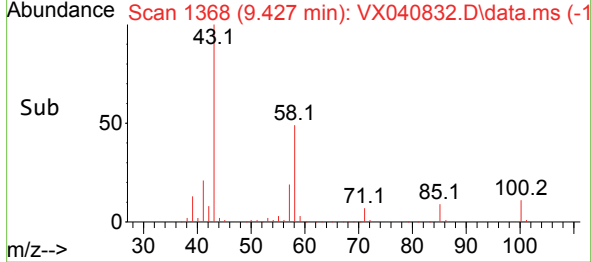
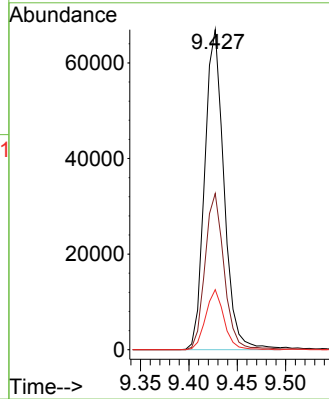
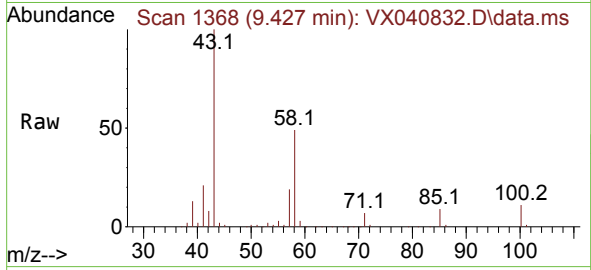




#59
2-Hexanone
Concen: 100.558 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

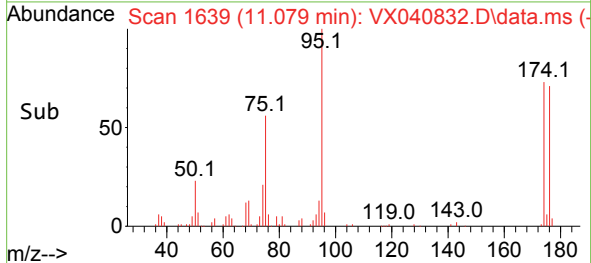
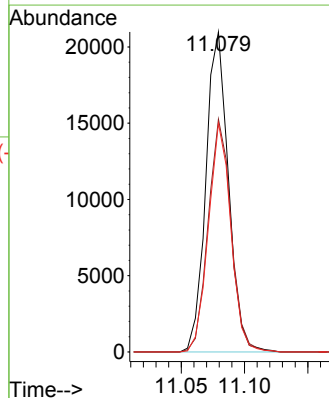
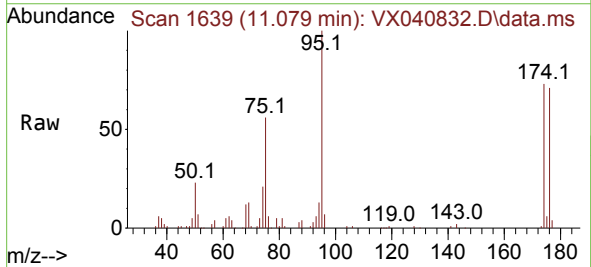
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

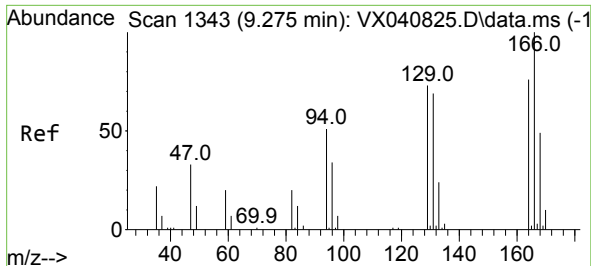
Tgt Ion:	43	Resp:	93248
Ion	Ratio	Lower	Upper
43	100		
58	48.4	42.7	64.1
57	17.9	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 28.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:	95	Resp:	26067
Ion	Ratio	Lower	Upper
95	100		
174	74.1	55.4	83.2
176	70.9	52.6	78.8

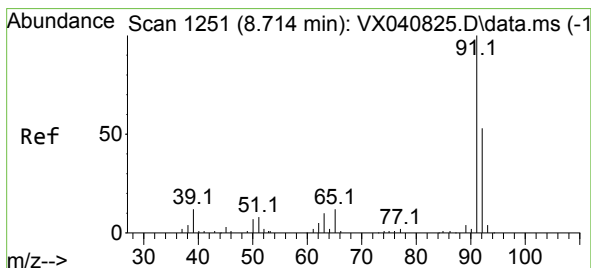
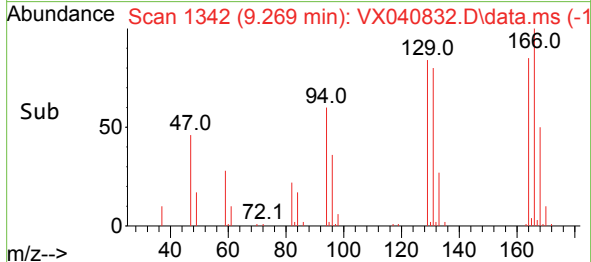
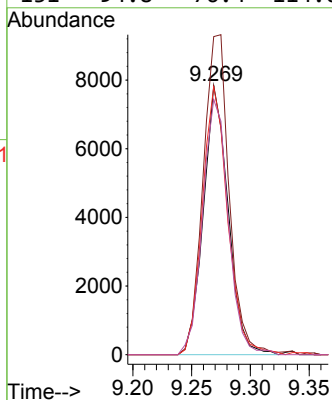
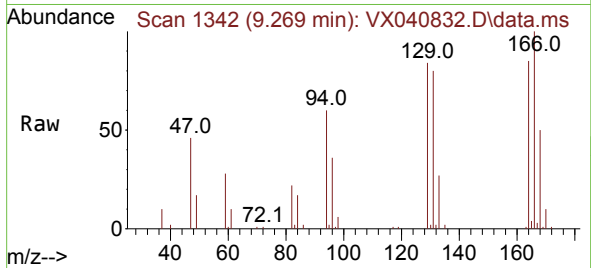




#61
Tetrachloroethene
Concen: 20.785 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

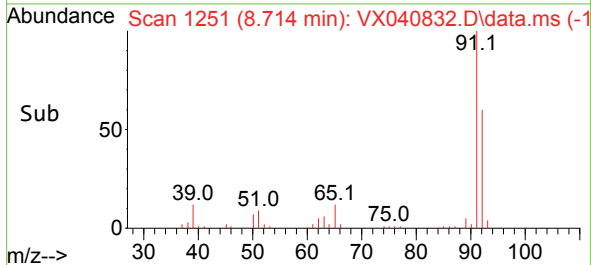
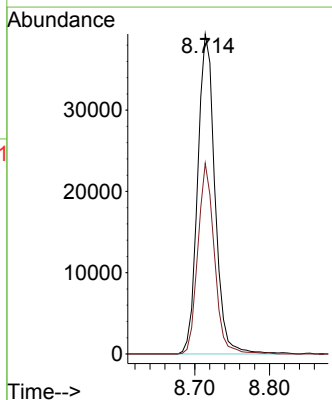
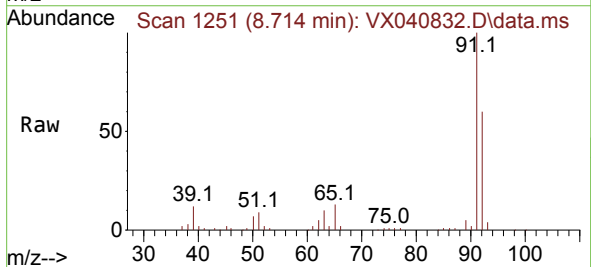
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

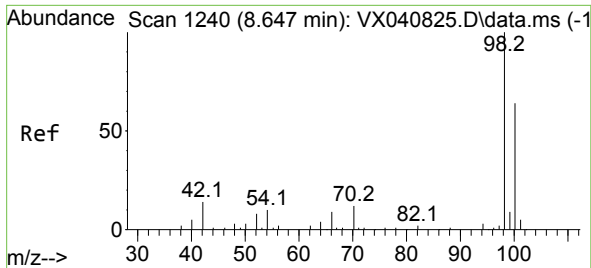
Tgt Ion:164 Resp: 11479
Ion Ratio Lower Upper
164 100
166 118.2 104.0 156.0
129 99.6 82.0 123.0
131 94.8 76.4 114.6



#62
Toluene
Concen: 22.657 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 91 Resp: 63132
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9

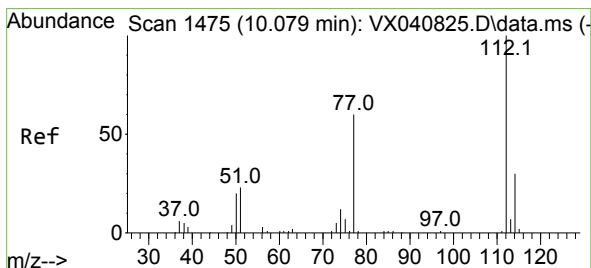
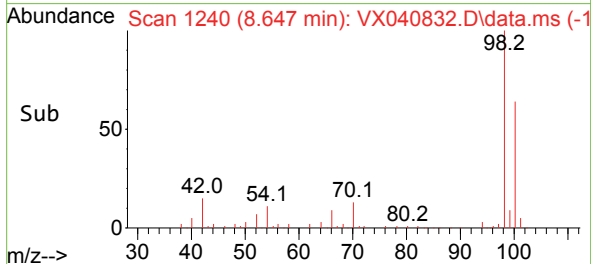
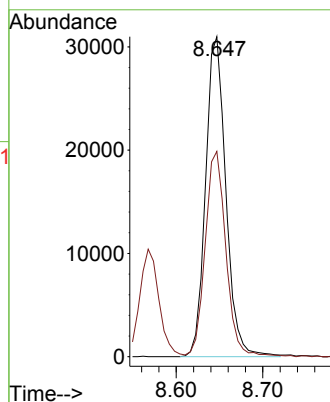
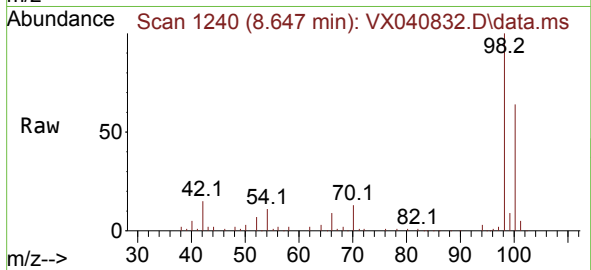




#63
Toluene-d8
Concen: 31.180 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

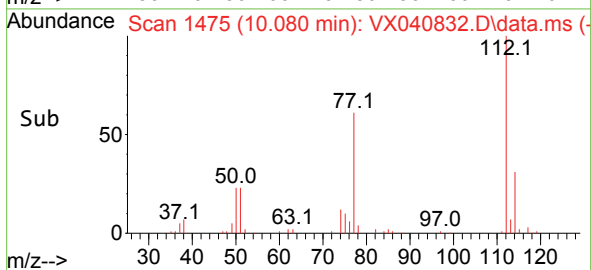
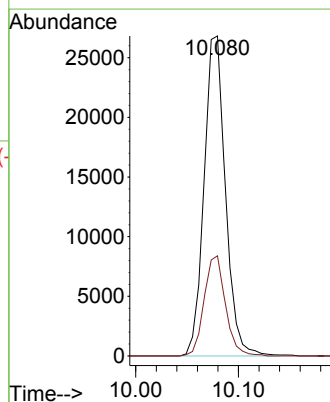
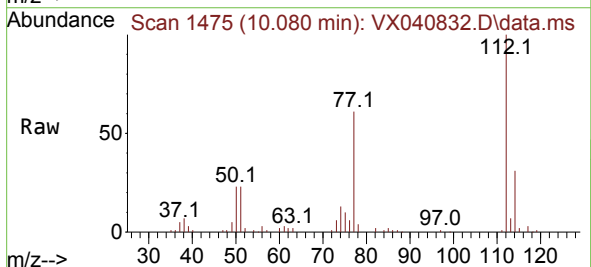
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

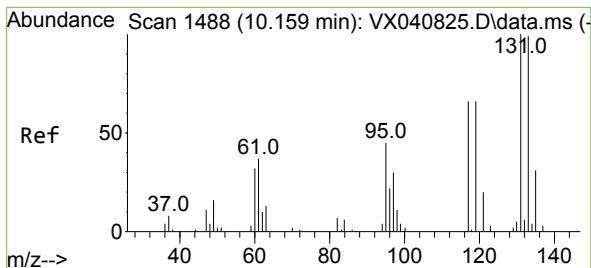
Tgt Ion: 98 Resp: 50359
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.4



#64
Chlorobenzene
Concen: 21.613 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 112 Resp: 38931
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.691 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

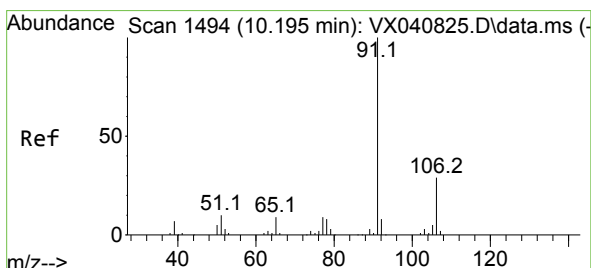
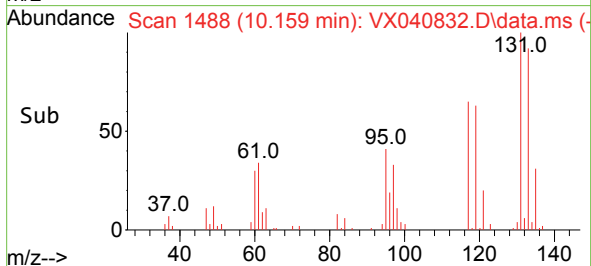
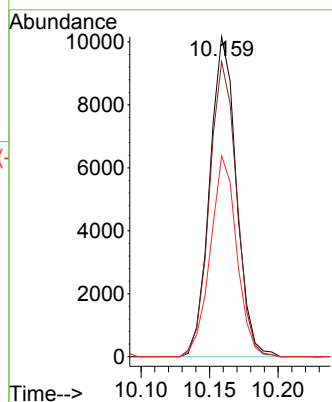
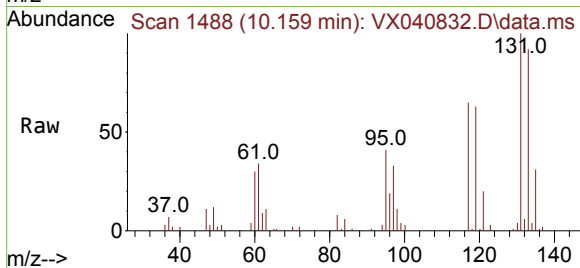
Tgt Ion:131 Resp: 13693

Ion Ratio Lower Upper

131 100

133 93.9 0.0 191.8

119 62.3 0.0 135.4



#66

Ethyl Benzene

Concen: 21.590 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX040832.D

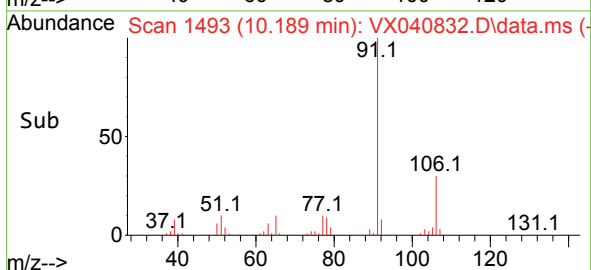
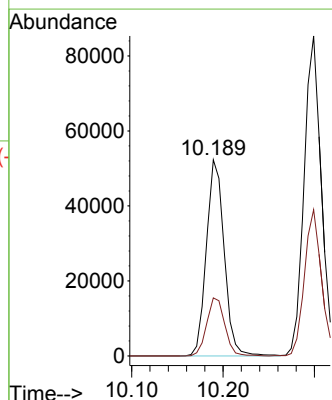
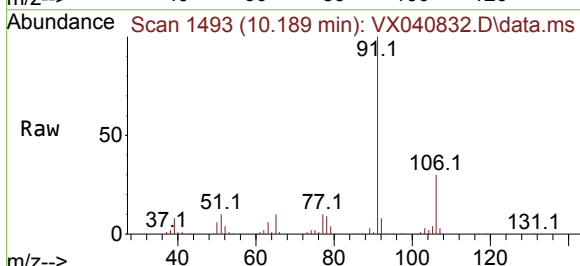
Acq: 29 Mar 2024 09:29

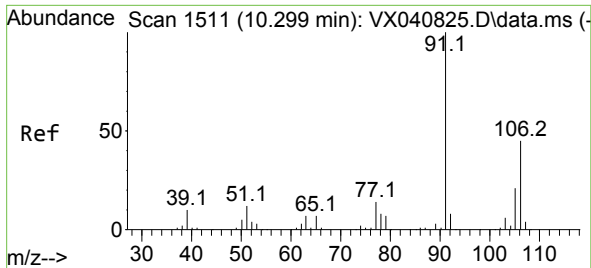
Tgt Ion: 91 Resp: 70711

Ion Ratio Lower Upper

91 100

106 29.6 24.4 36.6

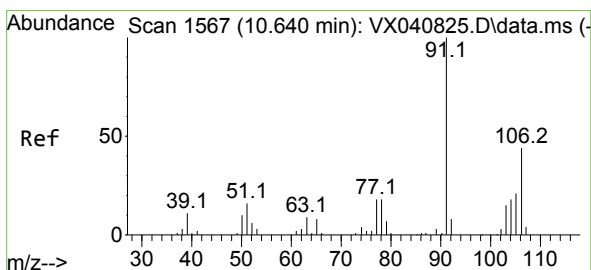
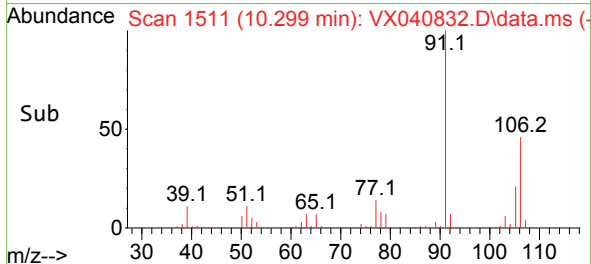
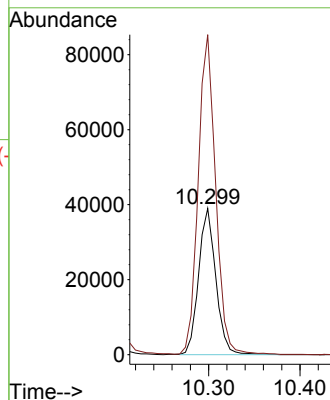
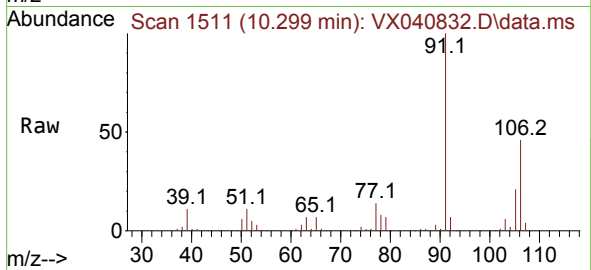




#67
m/p-Xylenes
Concen: 42.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

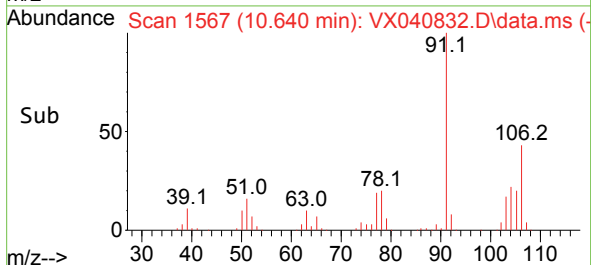
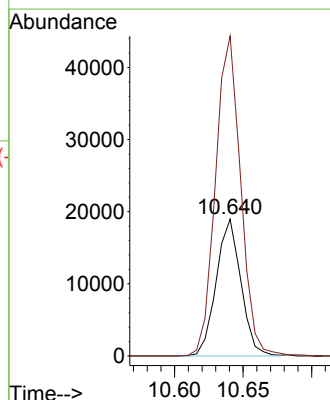
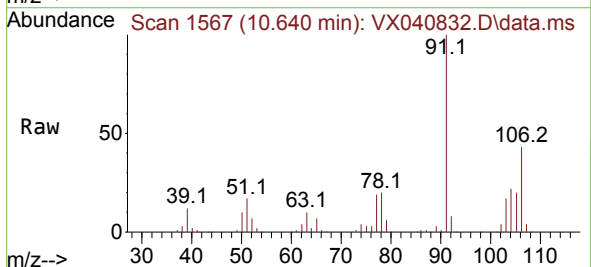
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

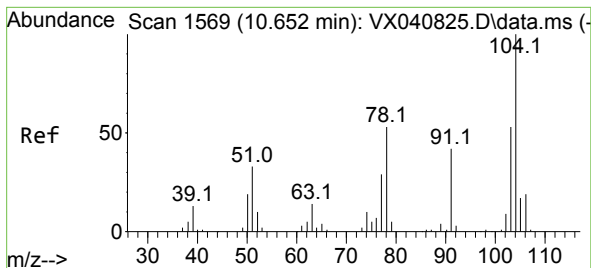
Tgt Ion:106 Resp: 51259
Ion Ratio Lower Upper
106 100
91 221.1 169.4 254.0



#68
o-Xylene
Concen: 20.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:106 Resp: 23780
Ion Ratio Lower Upper
106 100
91 237.9 111.2 333.6





#69

Styrene

Concen: 20.974 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

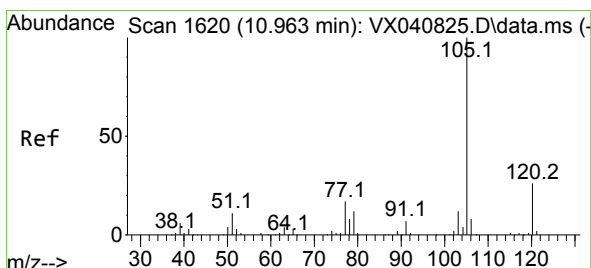
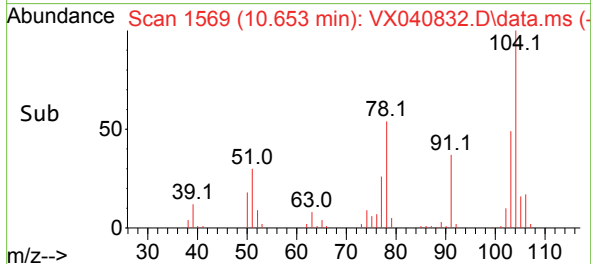
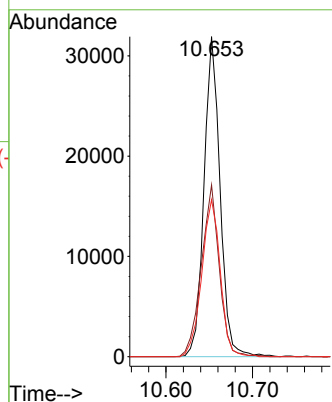
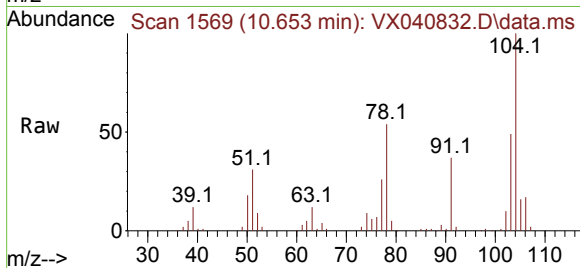
Tgt Ion:104 Resp: 41225

Ion Ratio Lower Upper

104 100

78 59.7 43.7 65.5

103 56.2 44.6 67.0



#70

Isopropylbenzene

Concen: 20.921 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040832.D

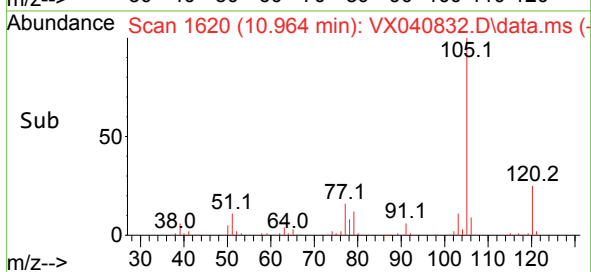
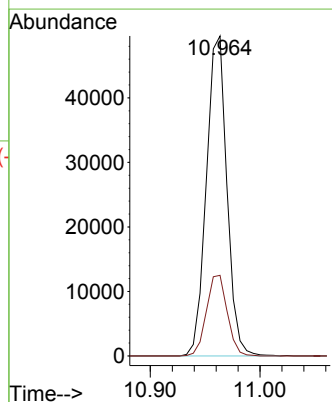
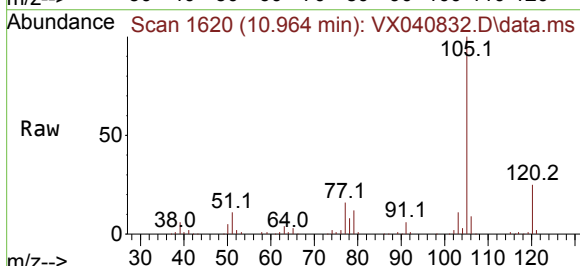
Acq: 29 Mar 2024 09:29

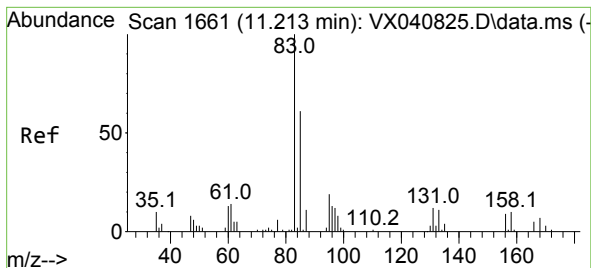
Tgt Ion:105 Resp: 64555

Ion Ratio Lower Upper

105 100

120 25.6 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 20.544 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

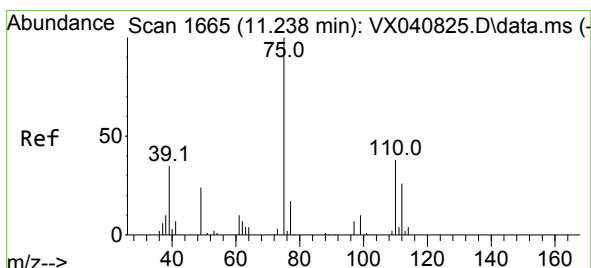
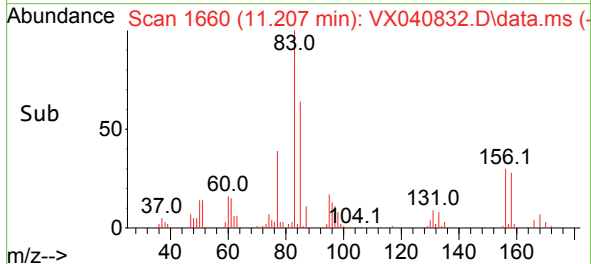
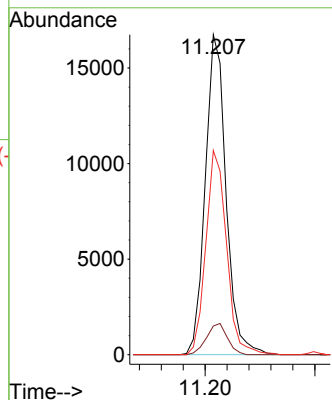
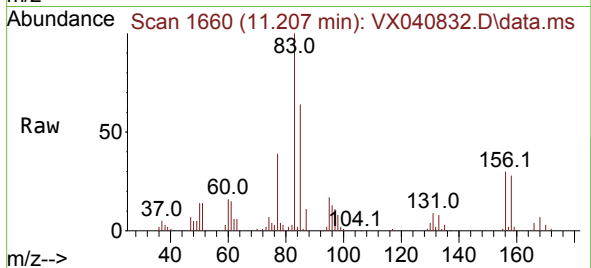
Tgt Ion: 83 Resp: 22016

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

85 63.7 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 27.352 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040832.D

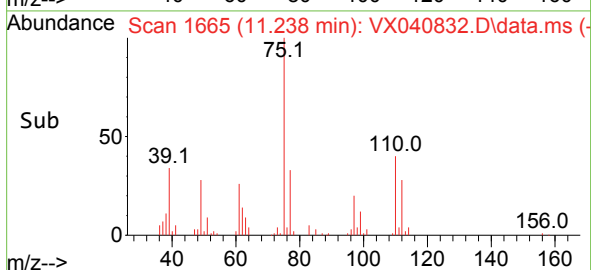
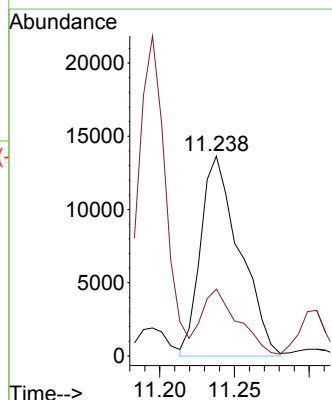
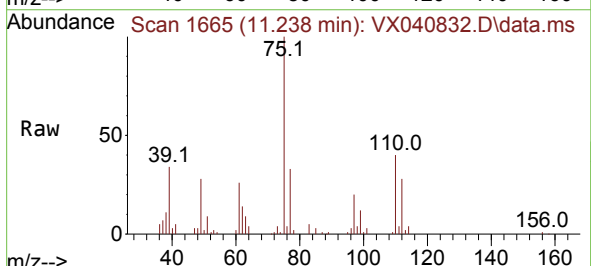
Acq: 29 Mar 2024 09:29

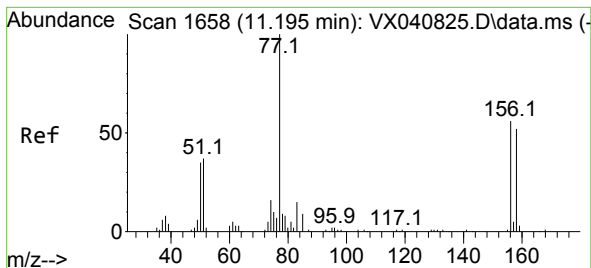
Tgt Ion: 75 Resp: 24816

Ion Ratio Lower Upper

75 100

77 31.5 0.0 76.4





#73

Bromobenzene

Concen: 21.370 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

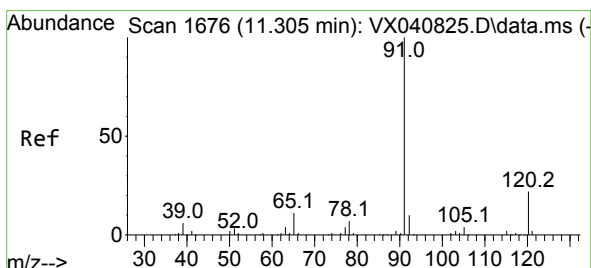
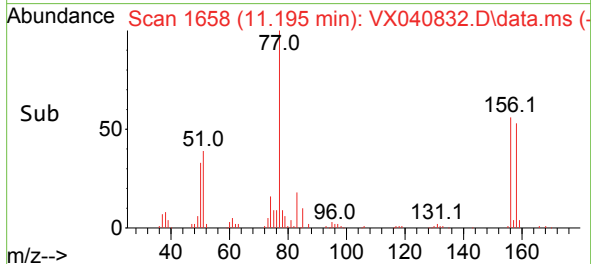
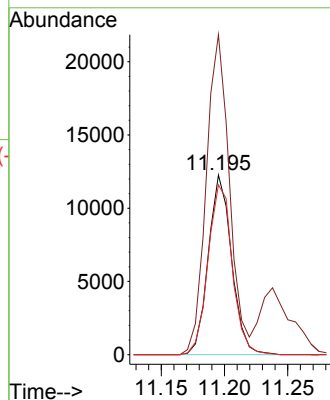
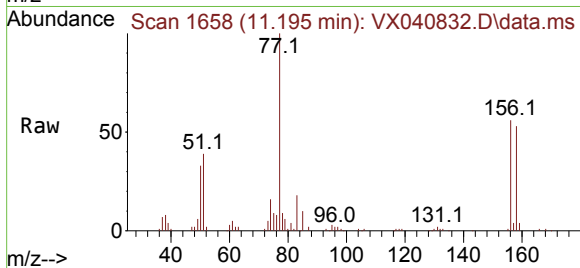
Tgt Ion:156 Resp: 15724

Ion Ratio Lower Upper

156 100

77 177.1 0.0 363.2

158 98.1 0.0 197.8



#74

n-propylbenzene

Concen: 21.371 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040832.D

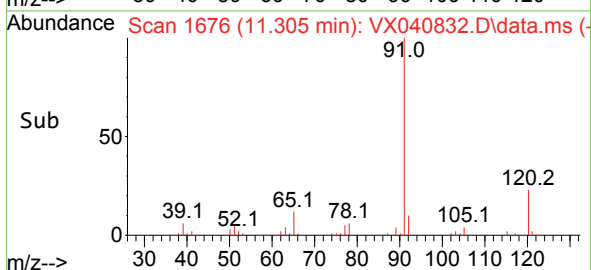
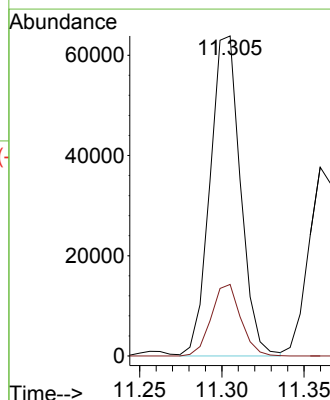
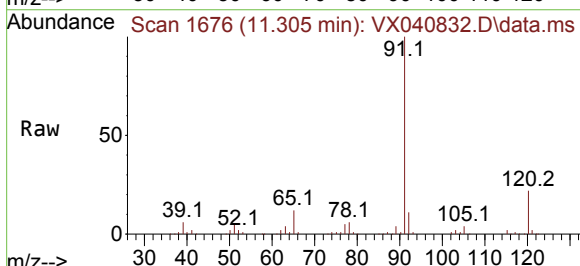
Acq: 29 Mar 2024 09:29

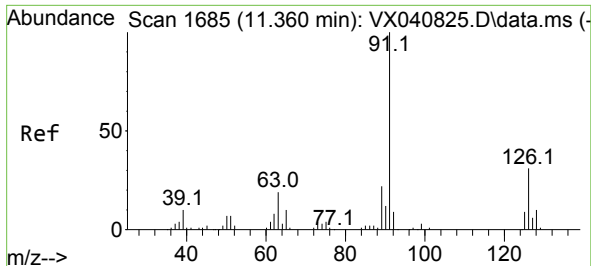
Tgt Ion: 91 Resp: 82325

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.4

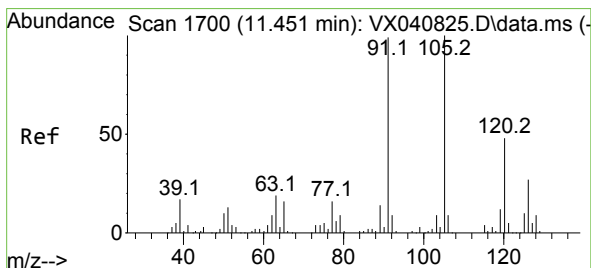
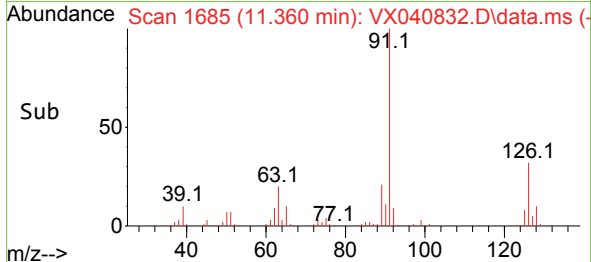
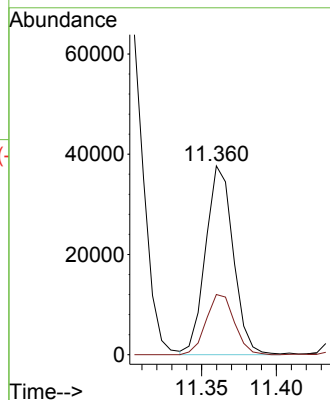
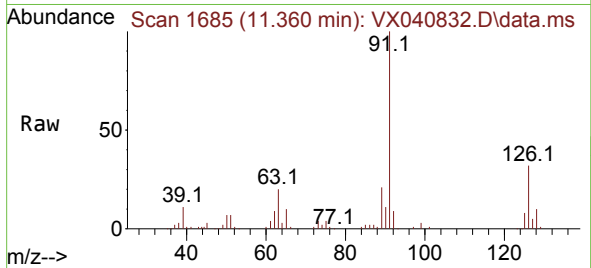




#75
2-Chlorotoluene
Concen: 21.321 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

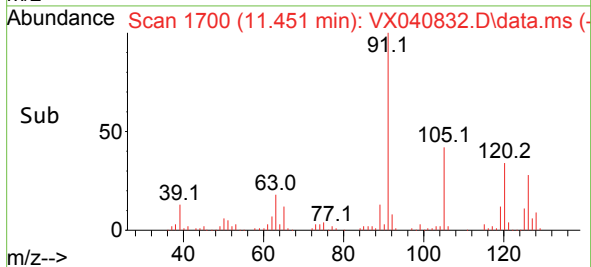
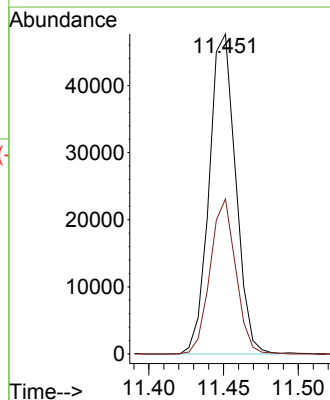
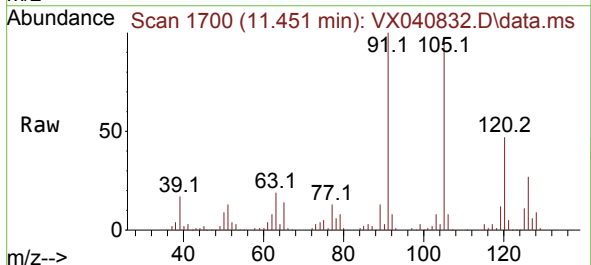
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

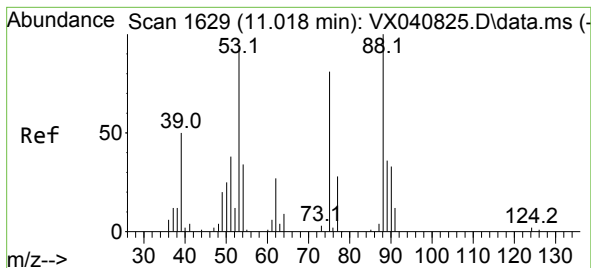
Tgt Ion: 91 Resp: 48566
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 22.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 105 Resp: 58885
Ion Ratio Lower Upper
105 100
120 46.7 0.0 92.6

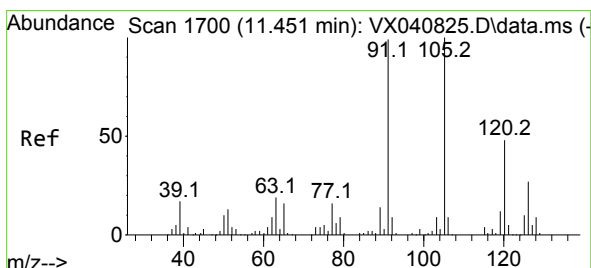
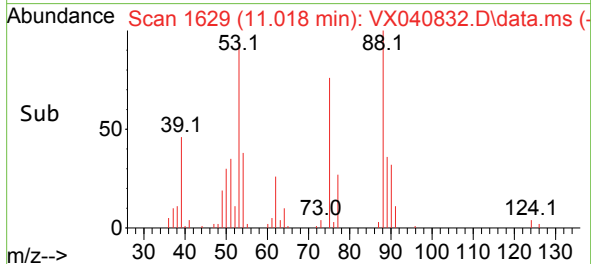
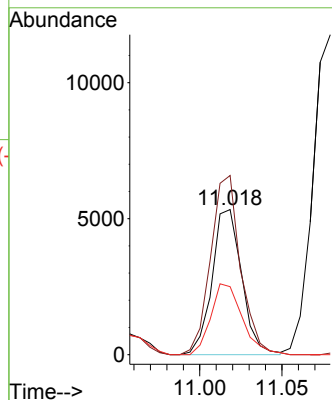
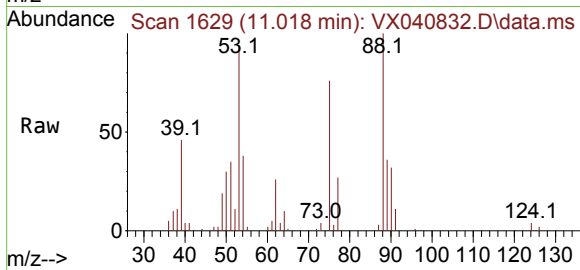




#77
t-1,4-Dichloro-2-butene
Concen: 18.564 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

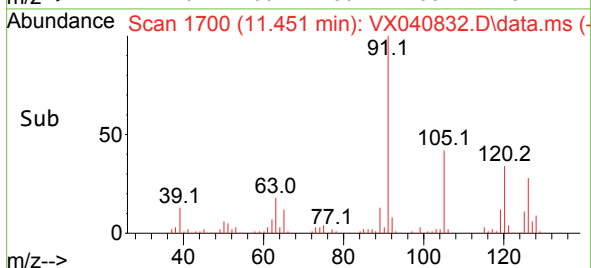
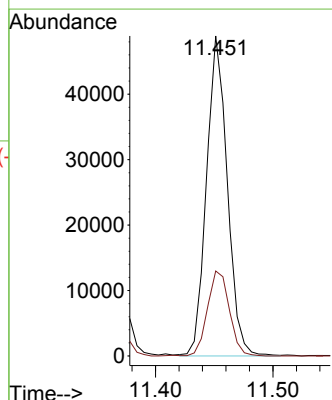
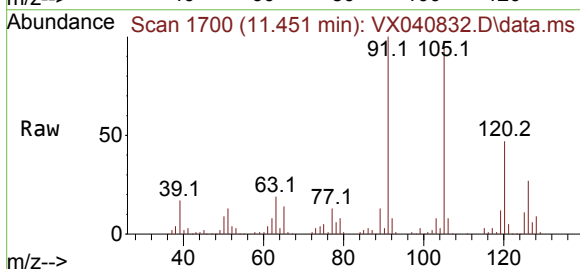
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

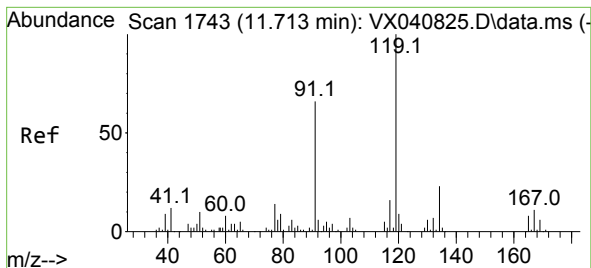
Tgt Ion: 75 Resp: 6701
Ion Ratio Lower Upper
75 100
53 123.5 46.9 140.8
89 46.9 21.3 63.7



#78
4-Chlorotoluene
Concen: 22.191 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 91 Resp: 60069
Ion Ratio Lower Upper
91 100
126 27.8 0.0 57.4





#79

tert-butylbenzene

Concen: 22.073 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

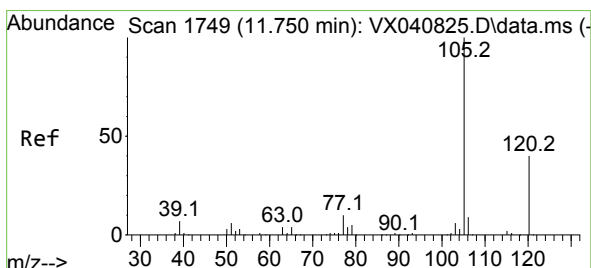
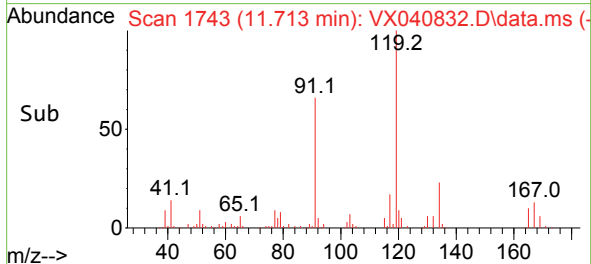
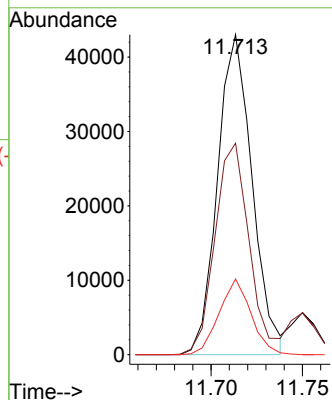
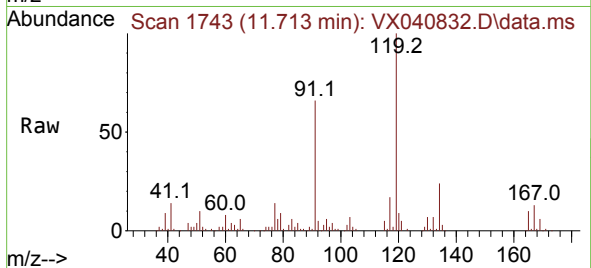
Tgt Ion:119 Resp: 56715

Ion Ratio Lower Upper

119 100

91 65.6 0.0 125.6

134 21.8 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 21.145 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040832.D

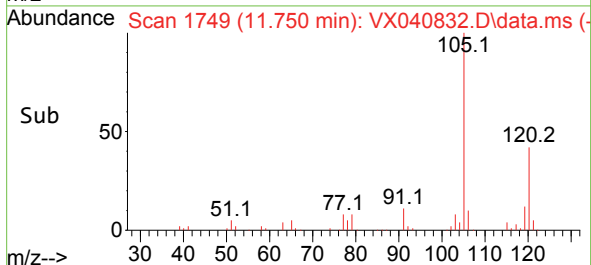
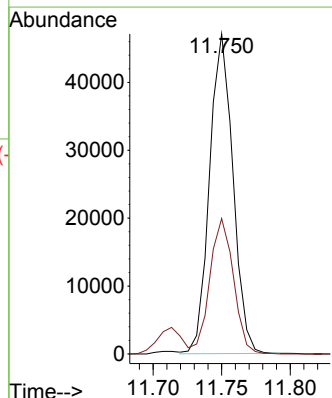
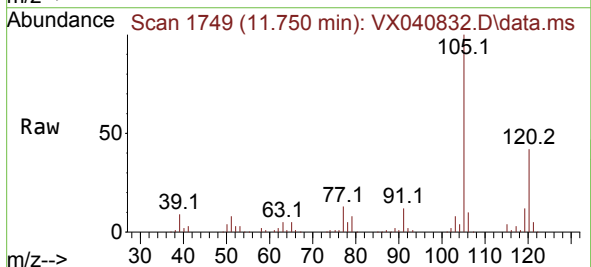
Acq: 29 Mar 2024 09:29

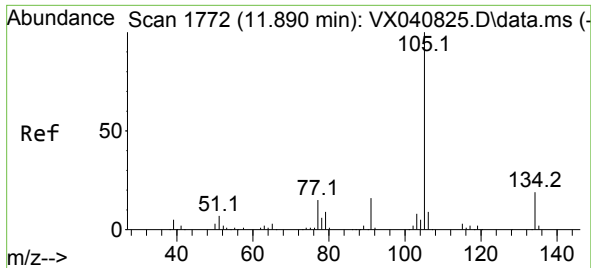
Tgt Ion:105 Resp: 55952

Ion Ratio Lower Upper

105 100

120 42.9 0.0 86.4

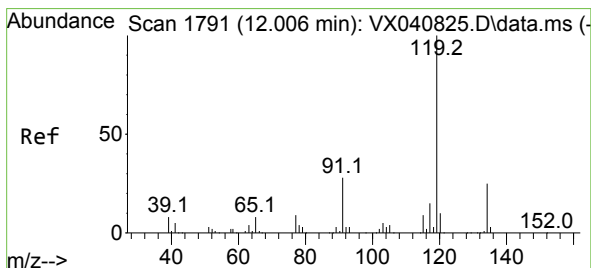
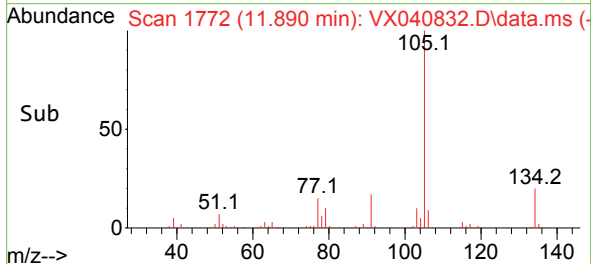
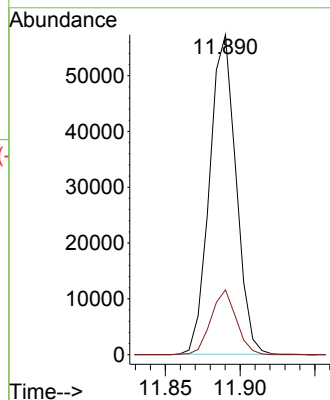
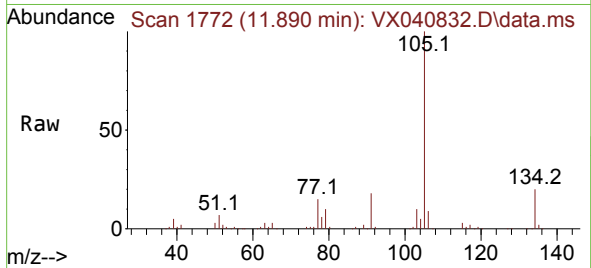




#81
 sec-Butylbenzene
 Concen: 21.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

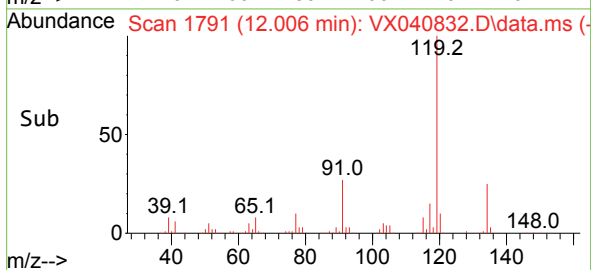
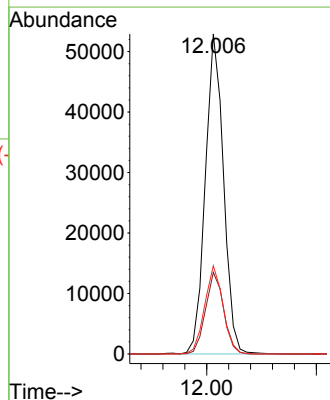
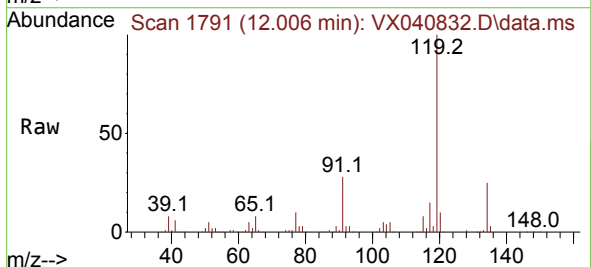
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

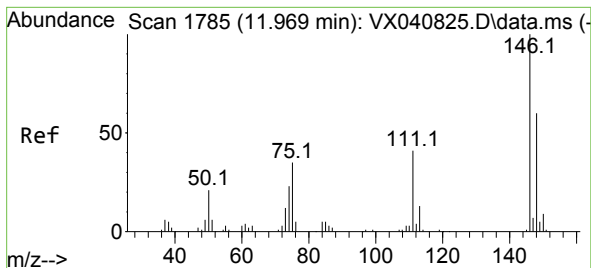
Tgt Ion:105 Resp: 70450
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 21.795 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040832.D
 Acq: 29 Mar 2024 09:29

Tgt Ion:119 Resp: 60806
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 27.6 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 21.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

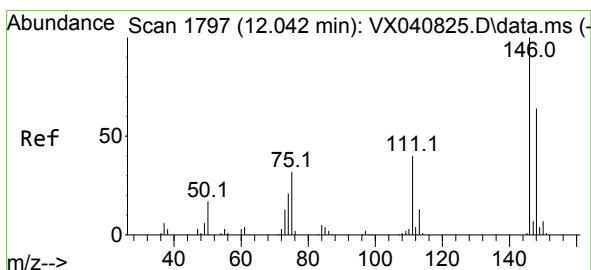
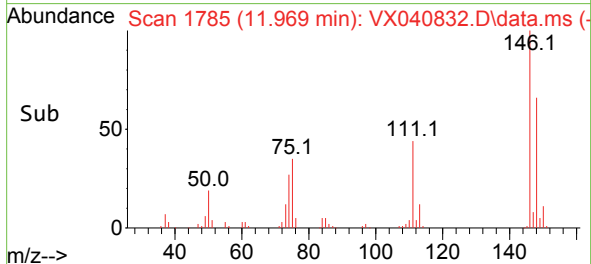
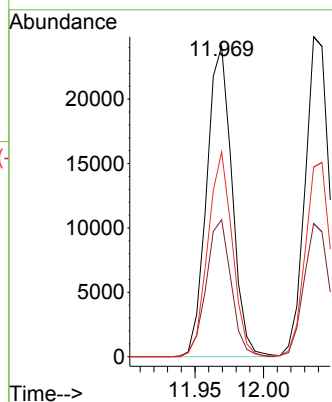
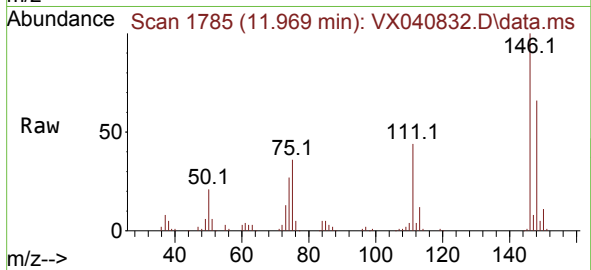
Tgt Ion:146 Resp: 30954

Ion Ratio Lower Upper

146 100

111 43.3 22.3 66.9

148 63.5 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 21.243 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

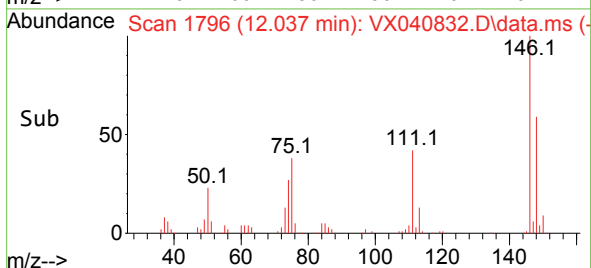
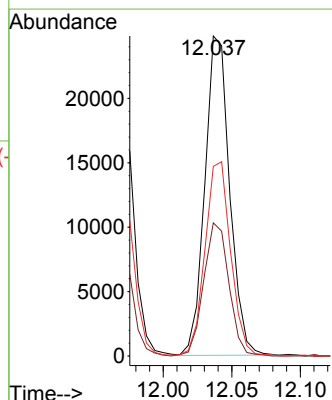
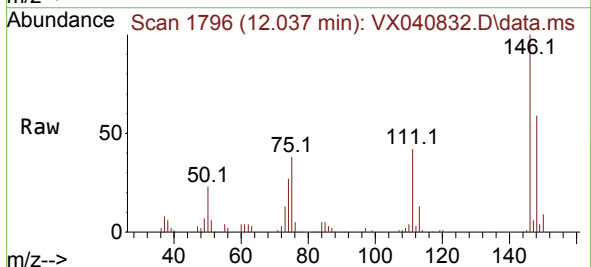
Tgt Ion:146 Resp: 31278

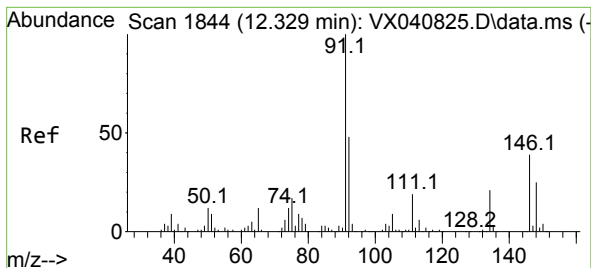
Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.2

148 63.0 31.8 95.4





#85

n-Butylbenzene

Concen: 21.625 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

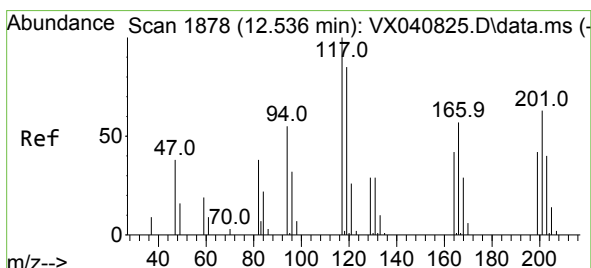
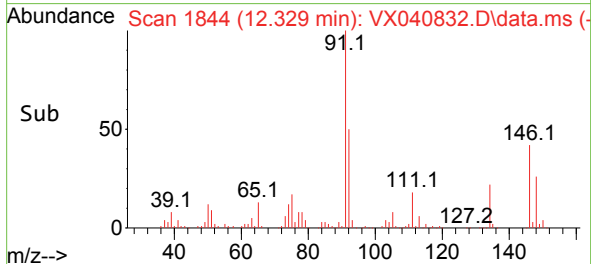
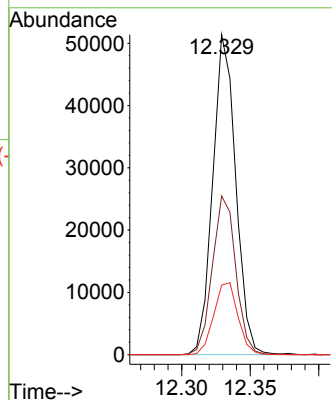
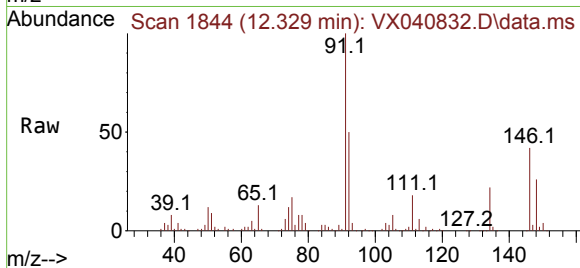
Tgt Ion: 91 Resp: 60001

Ion Ratio Lower Upper

91 100

92 50.5 0.0 106.2

134 23.6 0.0 48.8



#86

Hexachloroethane

Concen: 20.031 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040832.D

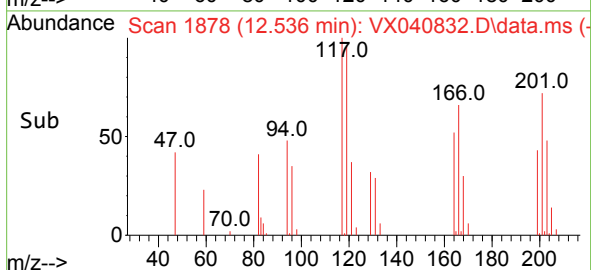
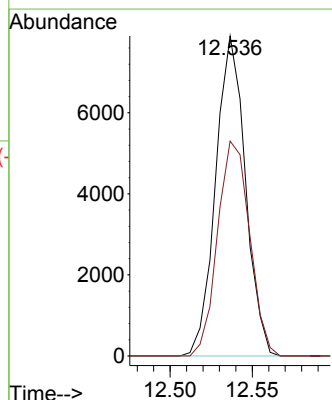
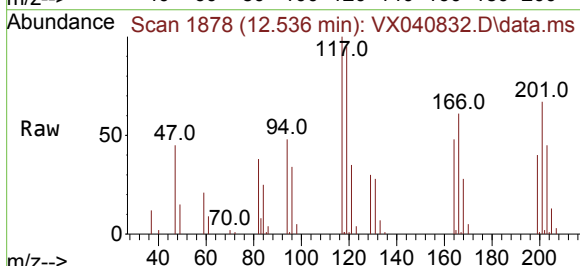
Acq: 29 Mar 2024 09:29

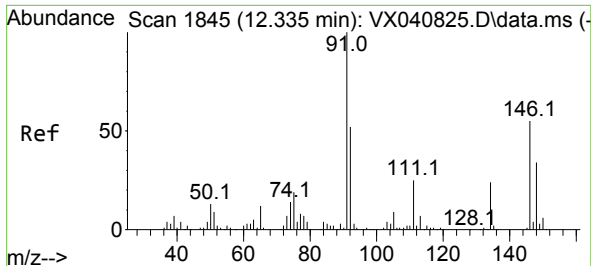
Tgt Ion: 117 Resp: 9929

Ion Ratio Lower Upper

117 100

201 72.3 31.8 95.3

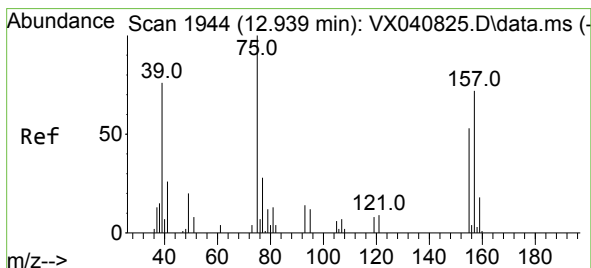
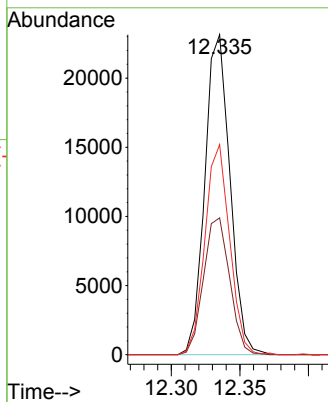
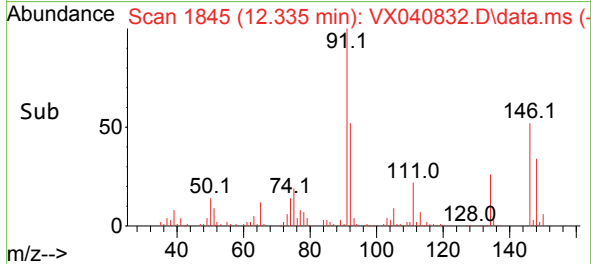
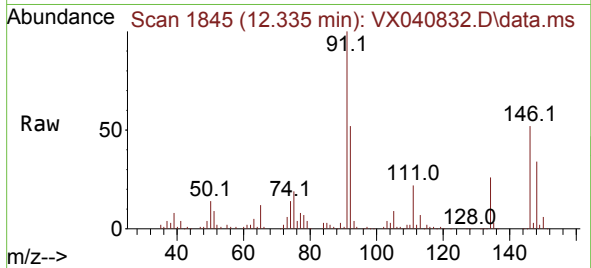




#87
1,2-Dichlorobenzene
Concen: 21.346 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

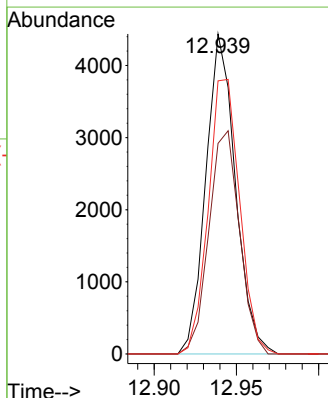
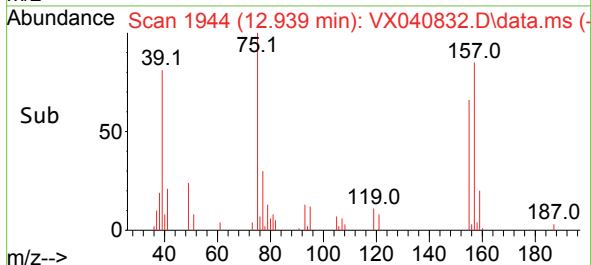
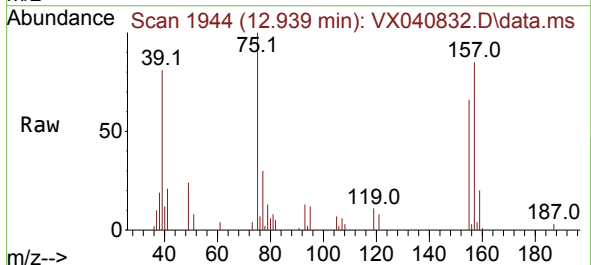
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

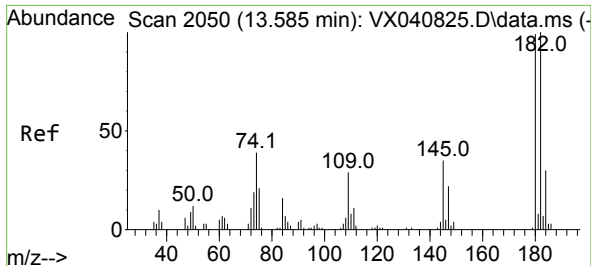
Tgt Ion:146 Resp: 29501
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.2
148 64.7 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.162 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion: 75 Resp: 5561
Ion Ratio Lower Upper
75 100
155 72.1 58.2 87.4
157 91.0 76.5 114.7

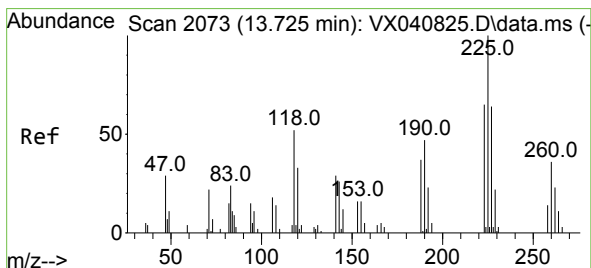
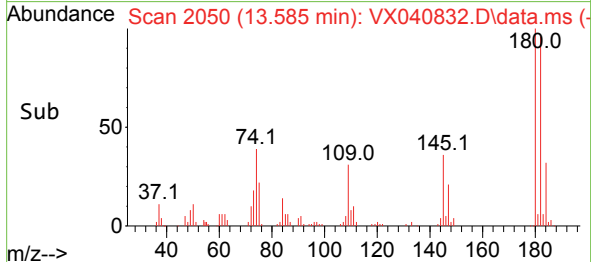
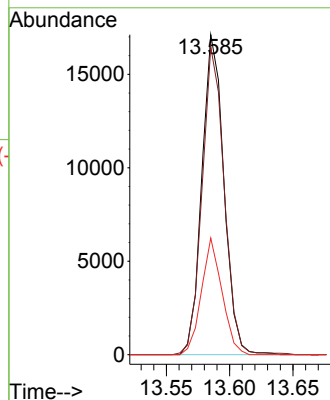
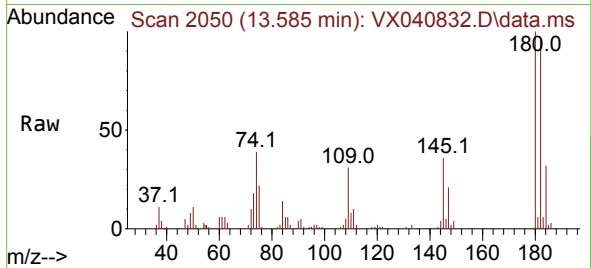




#89
1,2,4-Trichlorobenzene
Concen: 21.501 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

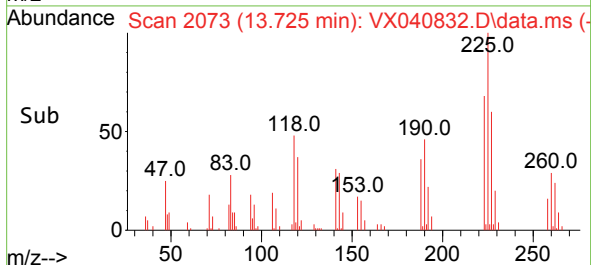
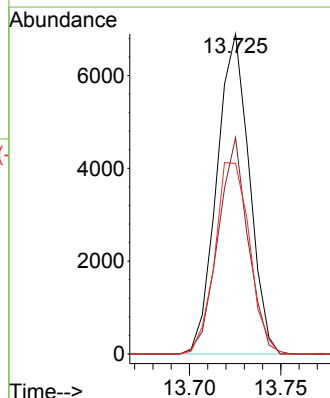
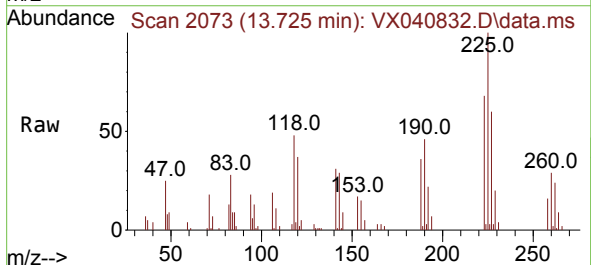
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

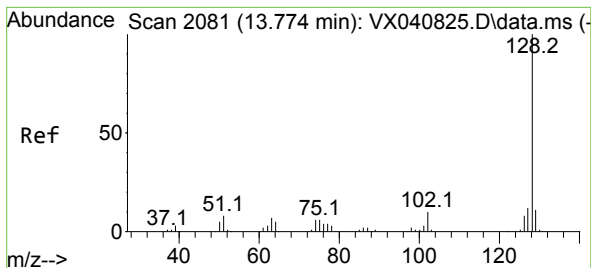
Tgt Ion:180 Resp: 20730
Ion Ratio Lower Upper
180 100
182 96.6 74.5 111.7
145 34.2 26.6 40.0



#90
Hexachlorobutadiene
Concen: 23.591 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040832.D
Acq: 29 Mar 2024 09:29

Tgt Ion:225 Resp: 8530
Ion Ratio Lower Upper
225 100
223 62.6 0.0 124.4
227 64.0 0.0 124.4





#91

Naphthalene

Concen: 21.520 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

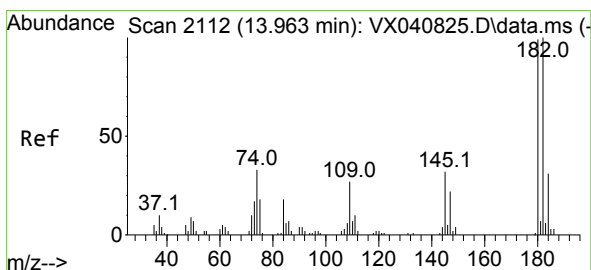
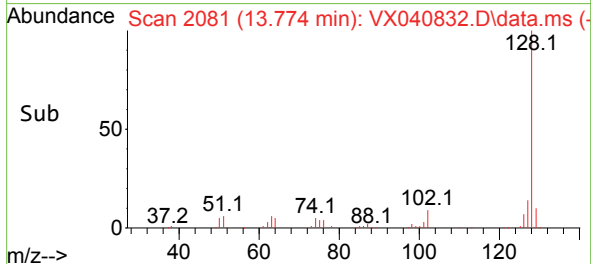
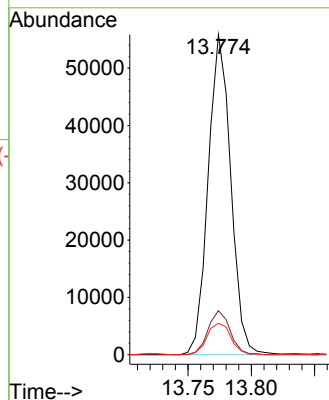
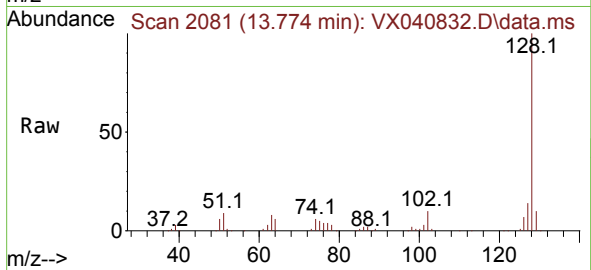
Tgt Ion:128 Resp: 69393

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.3 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 22.115 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX040832.D

Acq: 29 Mar 2024 09:29

Tgt Ion:180 Resp: 20325

Ion Ratio Lower Upper

180 100

182 95.1 0.0 191.6

145 33.7 0.0 69.6

