

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040825.D
 Acq On : 28 Mar 2024 16:02
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Mar 29 04:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	3859	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	29605	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	37073	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	19362	29.275	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.600%
60) 4-Bromofluorobenzene	11.079	95	23875	29.480	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.267%
63) Toluene-d8	8.647	98	44064	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	13067	19.341	ug/l	100
3) Chloromethane	1.300	50	11605	18.817	ug/l	100
4) Vinyl Chloride	1.374	62	11883	18.697	ug/l	97
5) Bromomethane	1.611	94	8745	21.783	ug/l	100
6) Chloroethane	1.691	64	7856	19.544	ug/l	97
7) Trichlorofluoromethane	1.892	101	20825	18.899	ug/l	98
8) Diethyl Ether	2.136	74	6545	19.050	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	11842	19.210	ug/l	96
10) 1,1-Dichloroethene	2.325	96	11062	19.147	ug/l	96
11) Methyl Iodide	2.459	142	15480	19.602	ug/l	98
12) Methyl Acetate	2.703	43	16056	19.358	ug/l	98
13) Acrolein	2.233	56	7578	83.401	ug/l	97
14) Acrylonitrile	3.062	53	34635	95.916	ug/l	98
15) Acetone	2.380	58	10530	102.831	ug/l	69
16) Carbon Disulfide	2.514	76	30542	18.822	ug/l	98
17) Allyl chloride	2.666	41	19801	18.668	ug/l	88
18) Methylene Chloride	2.788	84	12203	19.629	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	11454	18.971	ug/l	87
20) Diisopropyl ether	3.763	45	38741	18.759	ug/l	98
21) 1,1-Dichloroethane	3.611	63	22032	18.898	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	13759	19.396	ug/l	96
23) tert-Butyl Alcohol	2.953	59	15445	92.206	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	40081	19.496	ug/l	93
25) Chloroform	5.093	83	24493	19.382	ug/l	97
26) Cyclohexane	5.470	56	18705	19.301	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	16471	19.938	ug/l	99
30) 2-Butanone	4.556	43	53244	101.866	ug/l	97
31) 2,2-Dichloropropane	4.471	77	19239	19.720	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	21735	19.927	ug/l	98
33) Carbon Tetrachloride	5.678	117	19105	20.292	ug/l	91
34) Benzene	6.037	78	48091	20.294	ug/l	98
35) Methacrylonitrile	4.916	41	11284	20.239	ug/l	95
36) 1,2-Dichloroethane	6.086	62	20728	20.132	ug/l #	95
37) Trichloroethene	7.123	130	11511	19.664	ug/l	89
38) Methylcyclohexane	7.379	83	18674	19.148	ug/l	98
39) 1,2-Dichloropropane	7.427	63	10916	19.389	ug/l	100
40) Dibromomethane	7.580	93	9092	19.477	ug/l	97
41) Bromodichloromethane	7.818	83	18167	19.170	ug/l	95
42) Vinyl Acetate	3.721	43	192560	99.671	ug/l	99

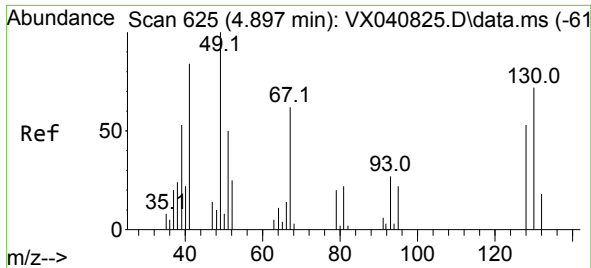
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	21024	20.373	ug/l #	78
44) Isopropyl Acetate	6.342	43	32464	19.973	ug/l	93
45) 1,4-Dioxane	7.653	88	6005	394.555	ug/l	96
46) Methyl methacrylate	7.690	41	15007	19.177	ug/l	96
47) n-amyl Acetate	10.841	43	27162	18.558	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	17312	18.415	ug/l	92
49) cis-1,3-Dichloropropene	8.366	75	18165	18.703	ug/l #	88
50) 1,1,2-Trichloroethane	9.153	97	11218	19.596	ug/l	97
51) Ethyl methacrylate	9.116	69	18628	18.631	ug/l	94
52) 1,3-Dichloropropane	9.305	76	19047	19.358	ug/l	100
53) Dibromochloromethane	9.519	129	13269	19.345	ug/l	98
54) 1,2-Dibromoethane	9.610	107	12293	19.401	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	45917	93.886	ug/l	99
56) Bromoform	10.799	173	8655	18.149	ug/l #	98
58) 4-Methyl-2-Pentanone	8.574	43	103082	98.451	ug/l	97
59) 2-Hexanone	9.427	43	83855	100.493	ug/l	96
61) Tetrachloroethene	9.275	164	9666	19.450	ug/l	96
62) Toluene	8.714	91	49635	19.796	ug/l	99
64) Chlorobenzene	10.079	112	32260	19.903	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	11283	19.863	ug/l	98
66) Ethyl Benzene	10.195	91	58752	19.935	ug/l	98
67) m/p-Xylenes	10.299	106	43308	40.026	ug/l	94
68) o-Xylene	10.640	106	19829	19.454	ug/l	93
69) Styrene	10.652	104	34104	19.282	ug/l	96
70) Isopropylbenzene	10.963	105	52841	19.030	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	18892	19.591	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	21125	25.875	ug/l	92
73) Bromobenzene	11.195	156	13194	19.927	ug/l	96
74) n-propylbenzene	11.305	91	68178	19.668	ug/l	99
75) 2-Chlorotoluene	11.360	91	40883	19.946	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	47357	19.709	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	5882	18.109	ug/l	84
78) 4-Chlorotoluene	11.451	91	48031	19.718	ug/l	99
79) tert-butylbenzene	11.713	119	46401	20.068	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	47617	19.998	ug/l	99
81) sec-Butylbenzene	11.890	105	58897	19.865	ug/l	100
82) p-Isopropyltoluene	12.006	119	49274	19.627	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	25657	19.956	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	26286	19.840	ug/l	97
85) n-Butylbenzene	12.329	91	47913	19.191	ug/l	97
86) Hexachloroethane	12.536	117	8533	19.131	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	24399	19.620	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5074	20.443	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	16746	19.302	ug/l	97
90) Hexachlorobutadiene	13.725	225	6421	19.734	ug/l	99
91) Naphthalene	13.774	128	56126	19.343	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	16306	19.717	ug/l	98

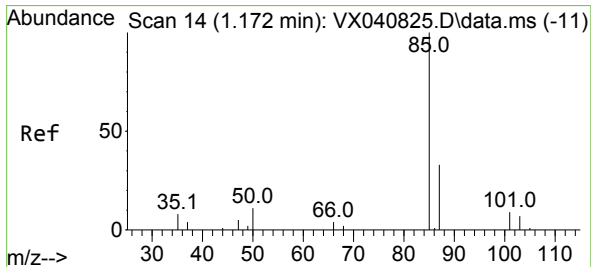
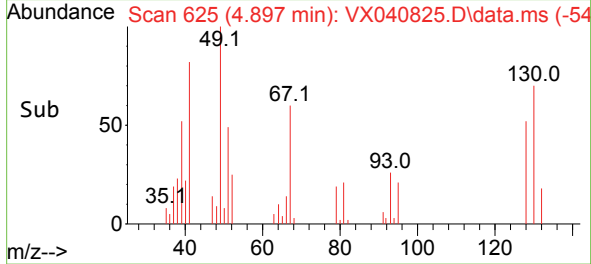
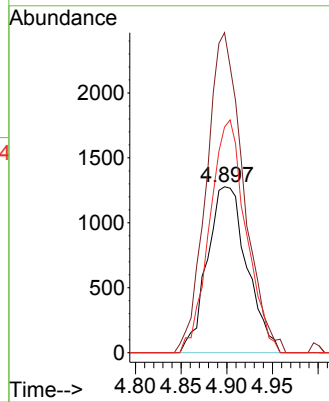
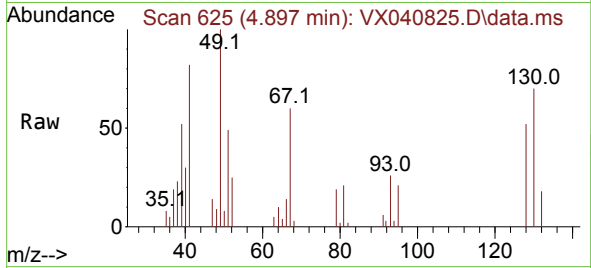
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

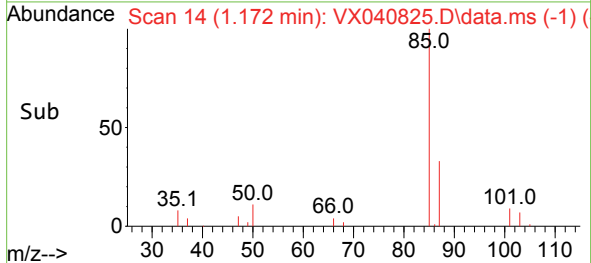
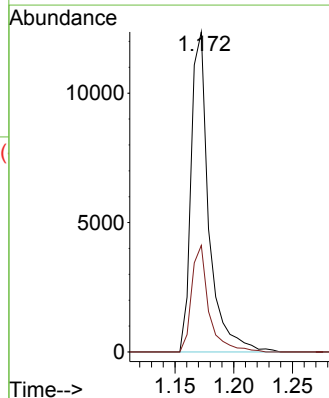
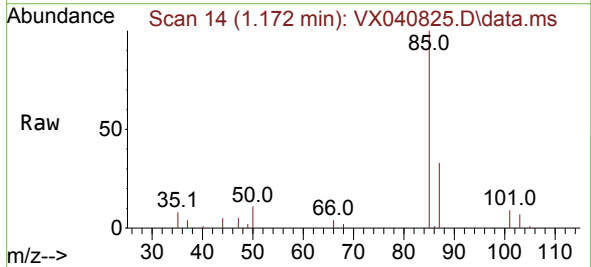
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

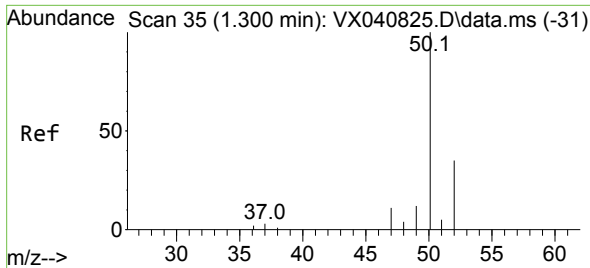
Tgt Ion:128 Resp: 3859
Ion Ratio Lower Upper
128 100
49 180.0 0.0 444.0
130 128.8 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 19.341 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 85 Resp: 13067
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1

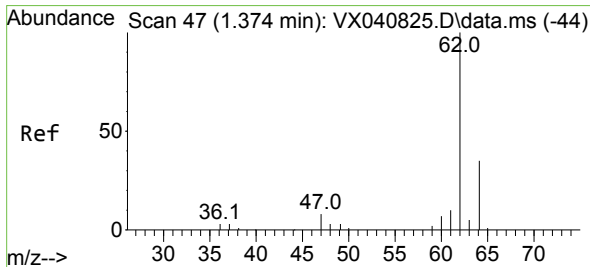
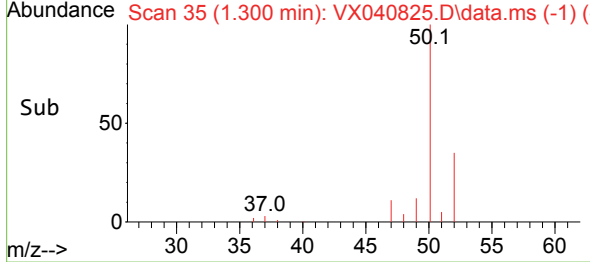
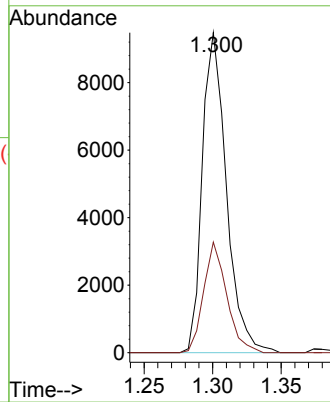
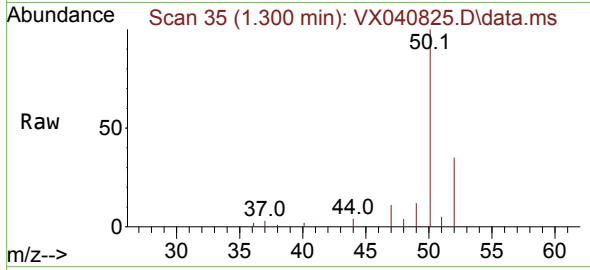




#3
Chloromethane
Concen: 18.817 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

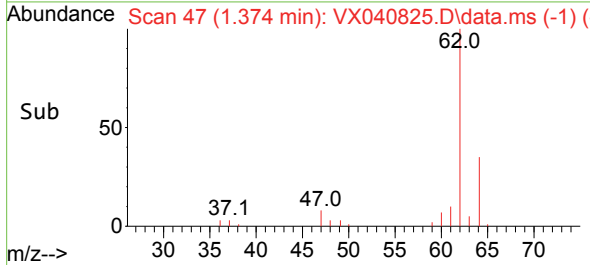
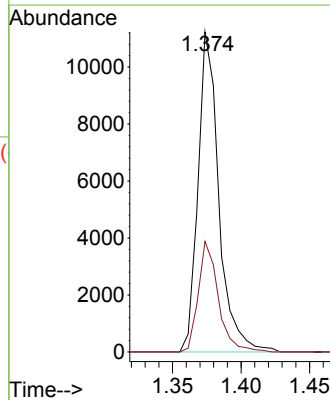
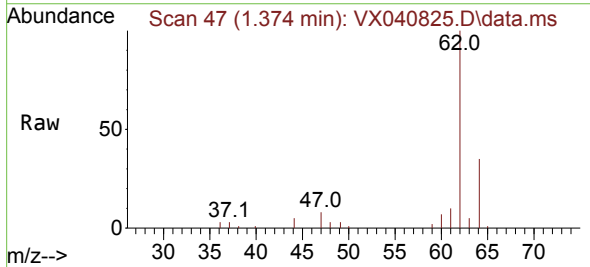
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

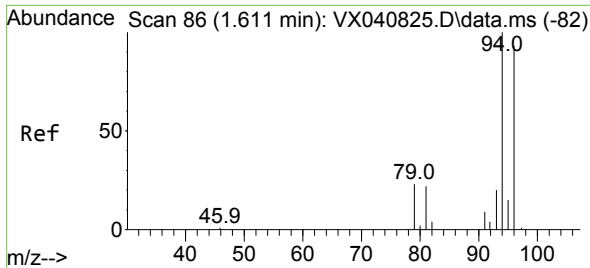
Tgt Ion: 50 Resp: 11605
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.8



#4
Vinyl Chloride
Concen: 18.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 62 Resp: 11883
Ion Ratio Lower Upper
62 100
64 34.6 26.3 39.5

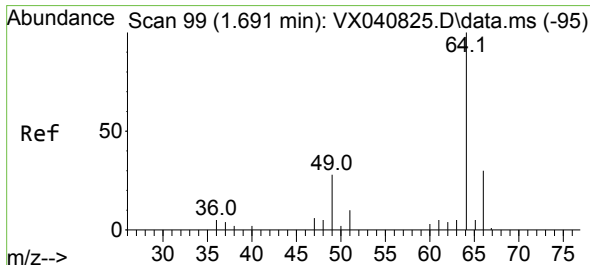
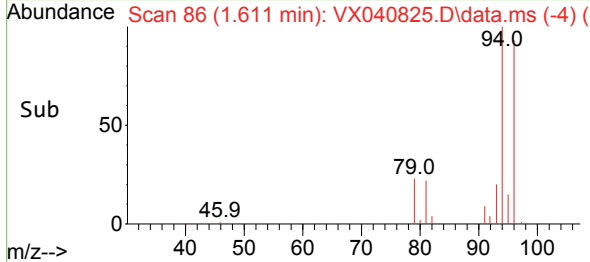
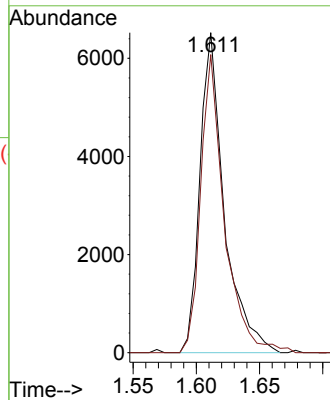
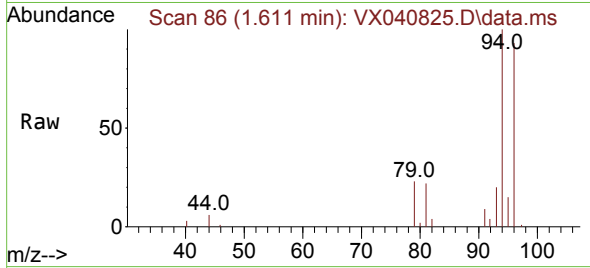




#5
Bromomethane
Concen: 21.783 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

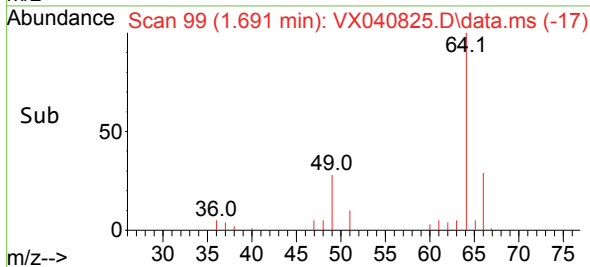
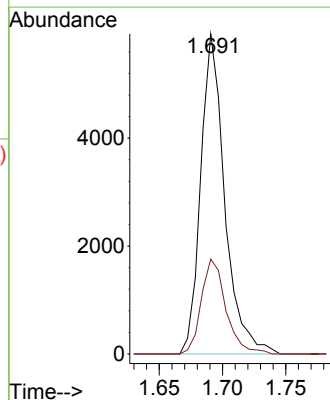
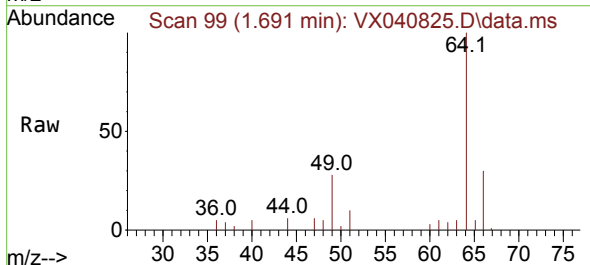
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ClientSampleId :
VSTDICCC020

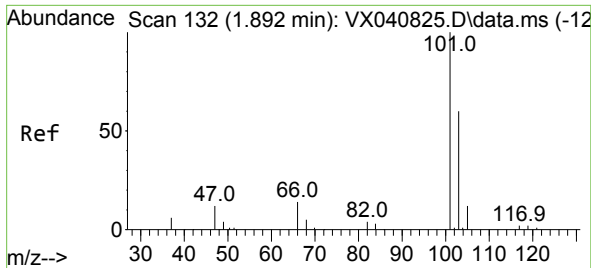
Tgt Ion: 94 Resp: 8745
Ion Ratio Lower Upper
94 100
96 93.2 74.9 112.3



#6
Chloroethane
Concen: 19.544 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 64 Resp: 7856
Ion Ratio Lower Upper
64 100
66 29.7 25.0 37.6

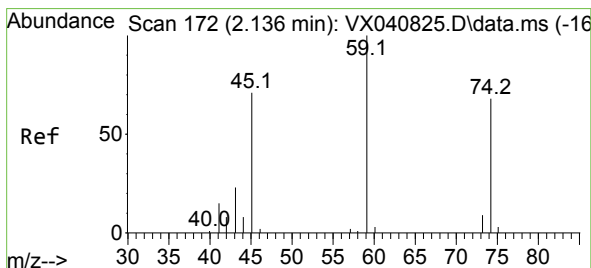
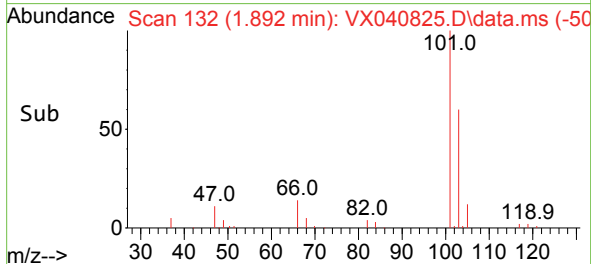
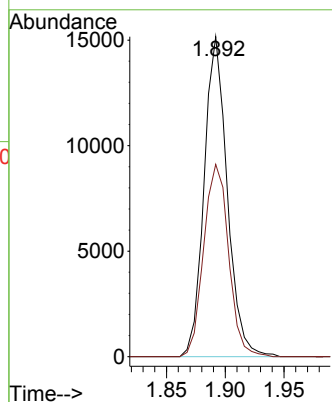
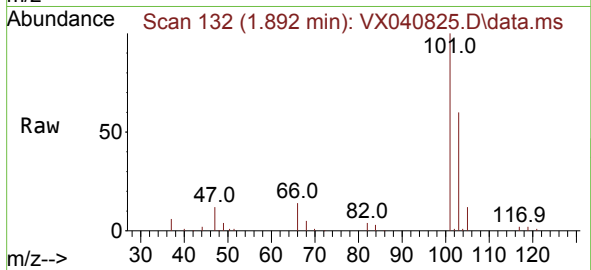




#7
 Trichlorofluoromethane
 Concen: 18.899 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

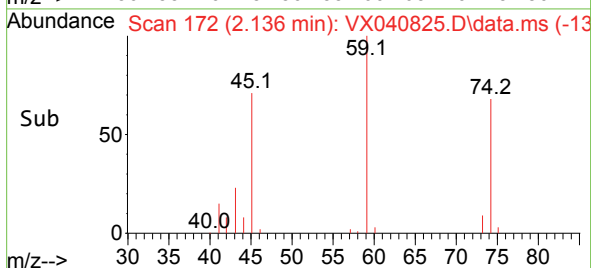
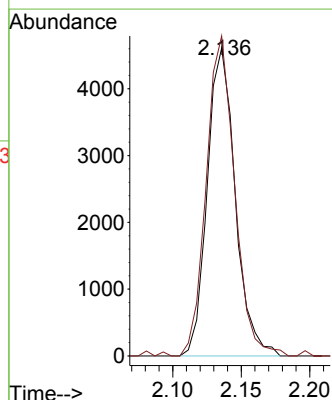
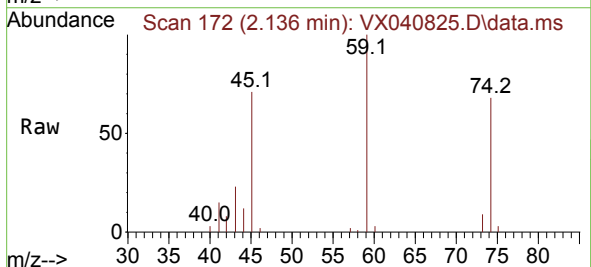
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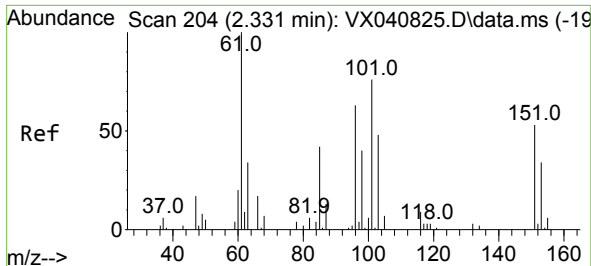
Tgt Ion:101 Resp: 20825
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.1 73.7



#8
 Diethyl Ether
 Concen: 19.050 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

Tgt Ion: 74 Resp: 6545
 Ion Ratio Lower Upper
 74 100
 45 105.6 20.5 184.5

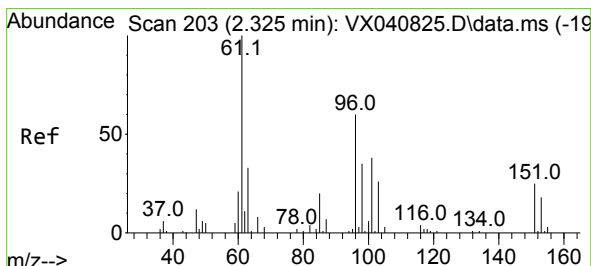
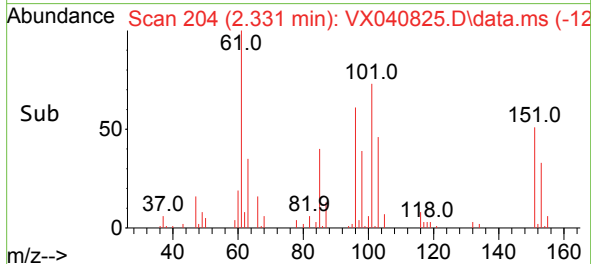
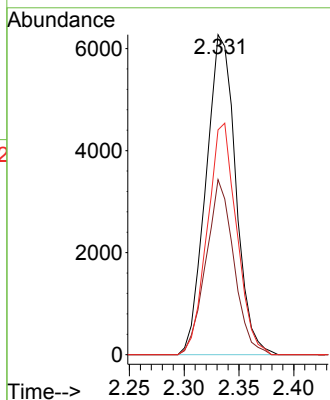
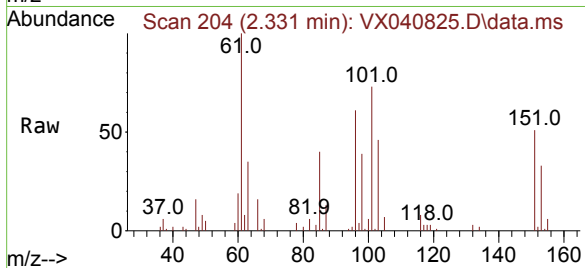




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.210 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

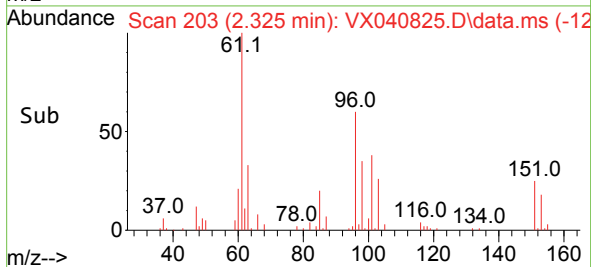
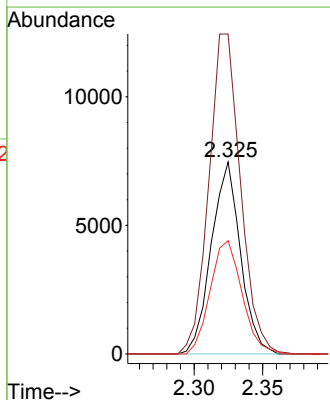
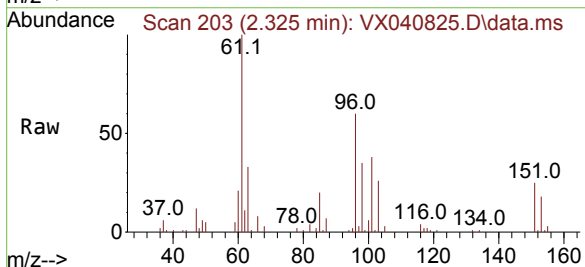
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

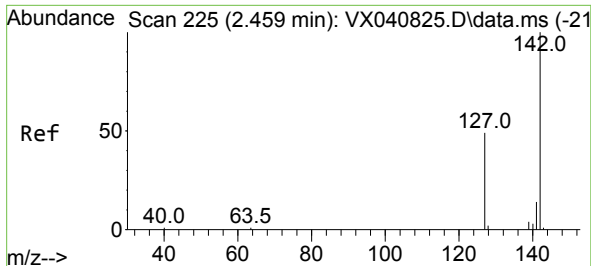
Tgt Ion:101 Resp: 11842
Ion Ratio Lower Upper
101 100
85 51.2 0.0 95.2
151 71.3 0.0 136.8



#10
1,1-Dichloroethene
Concen: 19.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 96 Resp: 11062
Ion Ratio Lower Upper
96 100
61 166.6 138.3 207.5
98 59.0 49.8 74.6

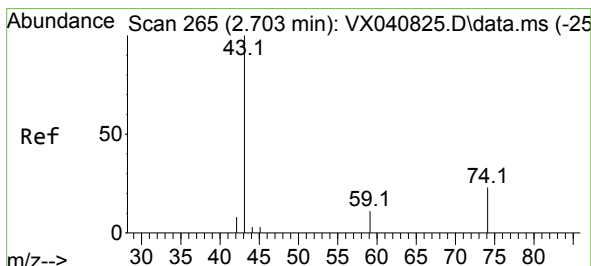
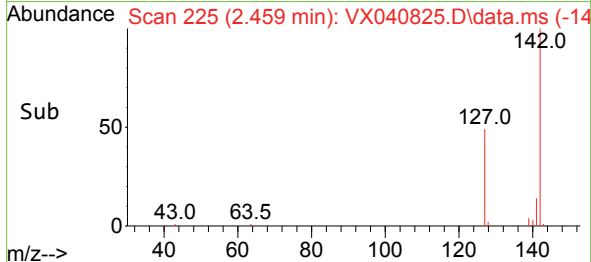
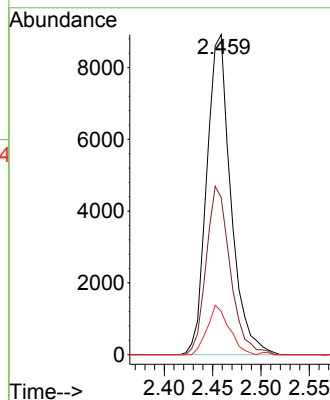
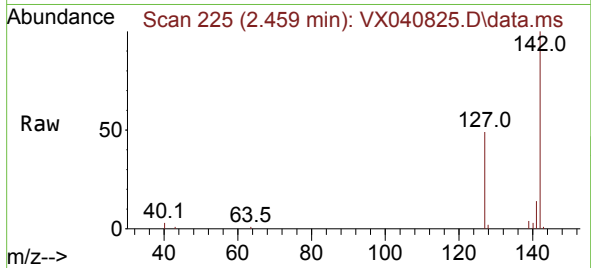




#11
Methyl Iodide
Concen: 19.602 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

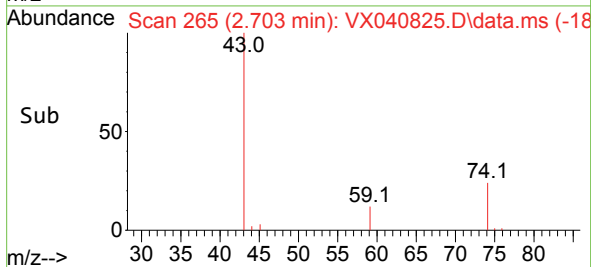
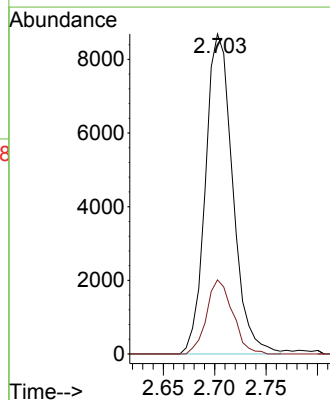
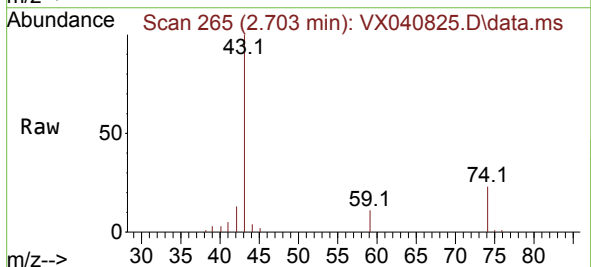
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

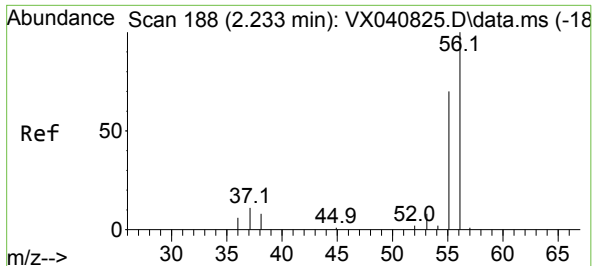
Tgt Ion:142 Resp: 15480
Ion Ratio Lower Upper
142 100
127 49.2 23.8 71.4
141 13.6 6.9 20.6



#12
Methyl Acetate
Concen: 19.358 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 43 Resp: 16056
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6





#13

Acrolein

Concen: 83.401 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

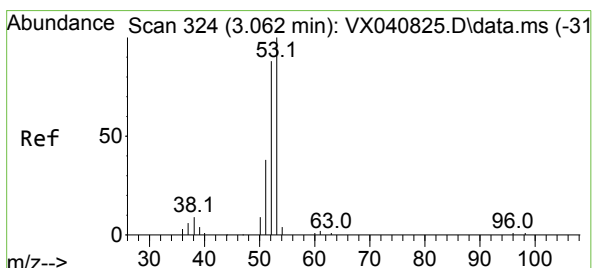
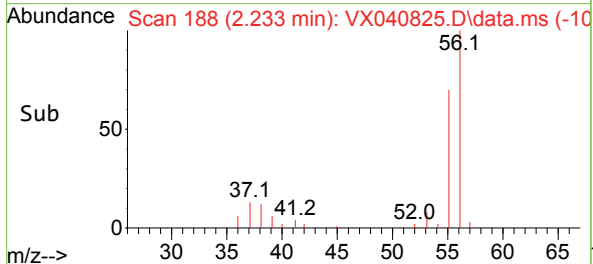
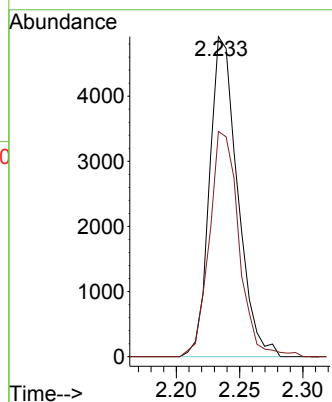
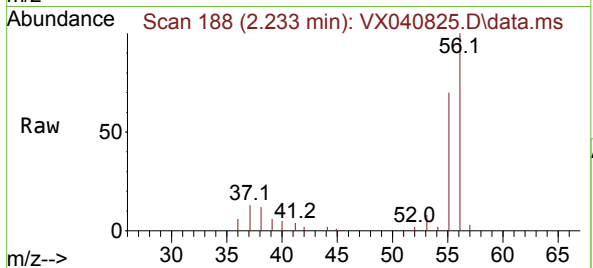
VSTDICCC020

Tgt Ion: 56 Resp: 7578

Ion Ratio Lower Upper

56 100

55 73.7 57.2 85.8



#14

Acrylonitrile

Concen: 95.916 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

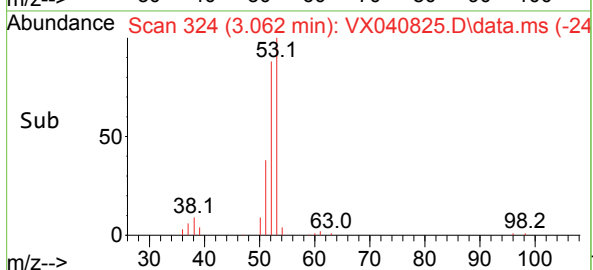
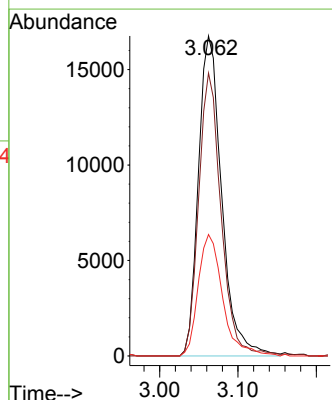
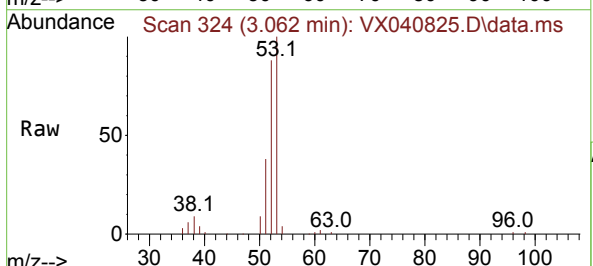
Tgt Ion: 53 Resp: 34635

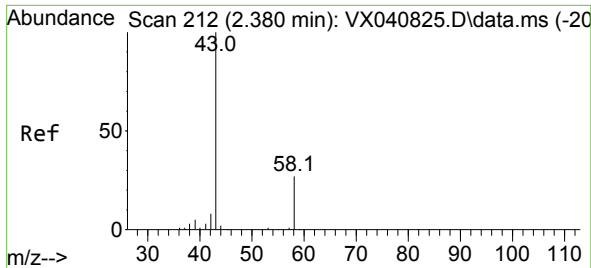
Ion Ratio Lower Upper

53 100

52 84.1 41.9 125.6

51 39.9 18.3 54.9





#15

Acetone

Concen: 102.831 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

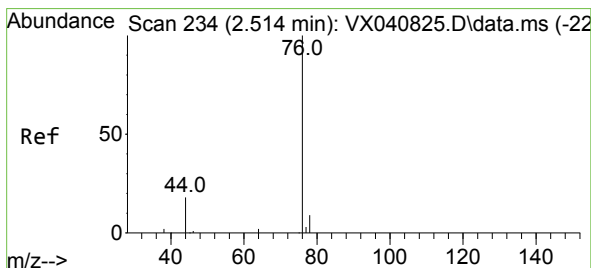
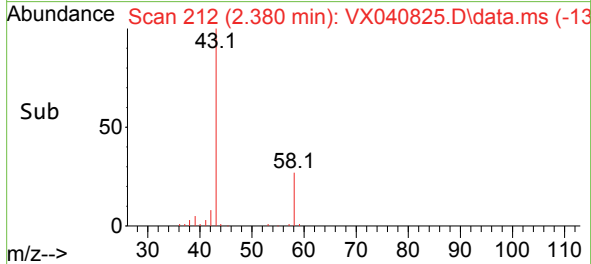
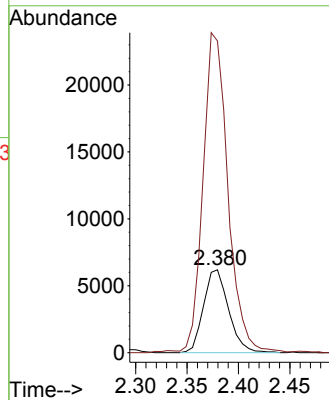
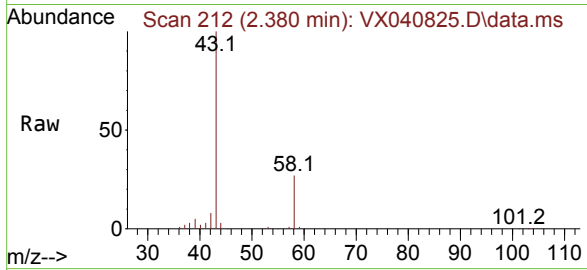
VSTDICCC020

Tgt Ion: 58 Resp: 10530

Ion Ratio Lower Upper

58 100

43 374.0 249.9 374.9



#16

Carbon Disulfide

Concen: 18.822 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX040825.D

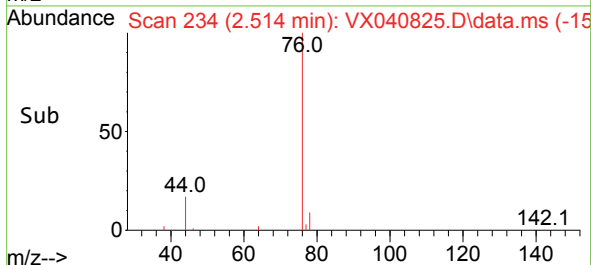
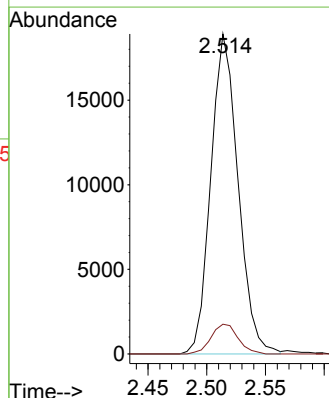
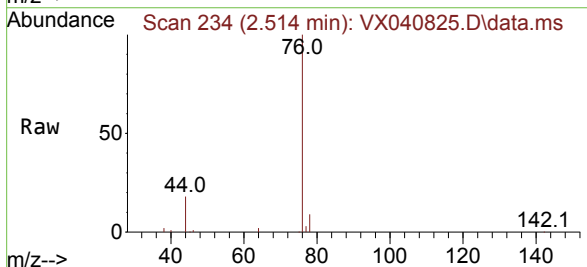
Acq: 28 Mar 2024 16:02

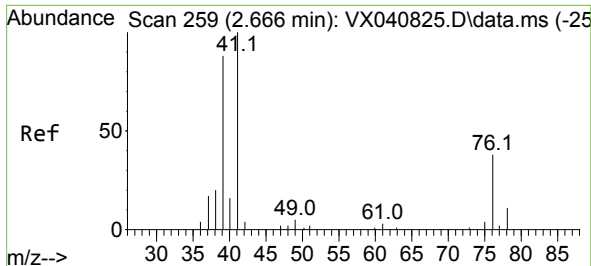
Tgt Ion: 76 Resp: 30542

Ion Ratio Lower Upper

76 100

78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 18.668 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

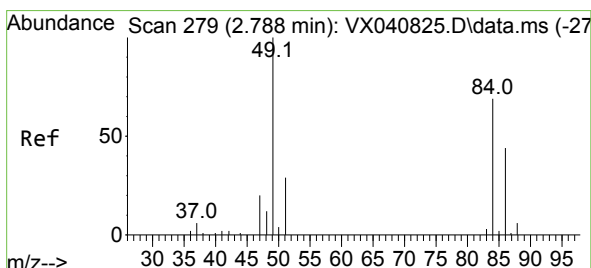
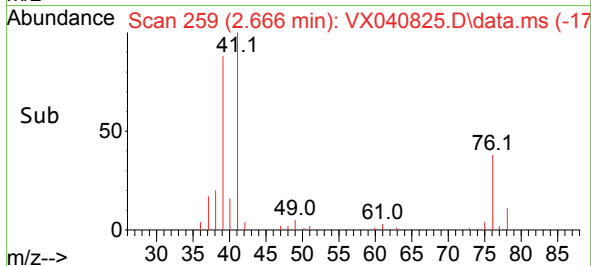
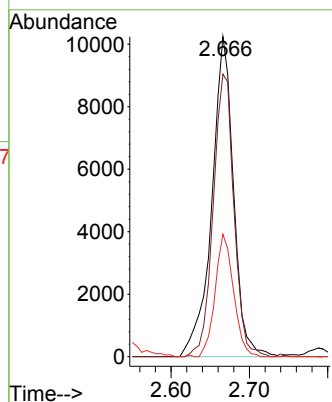
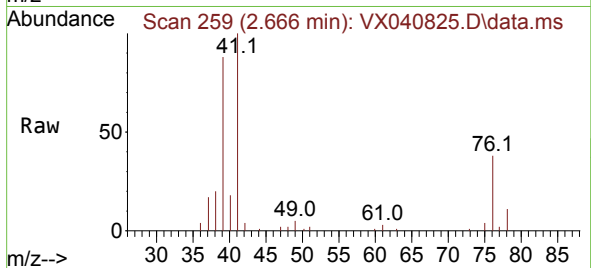
Tgt Ion: 41 Resp: 19801

Ion Ratio Lower Upper

41 100

39 88.3 36.5 109.5

76 38.3 19.7 59.0



#18

Methylene Chloride

Concen: 19.629 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Tgt Ion: 84 Resp: 12203

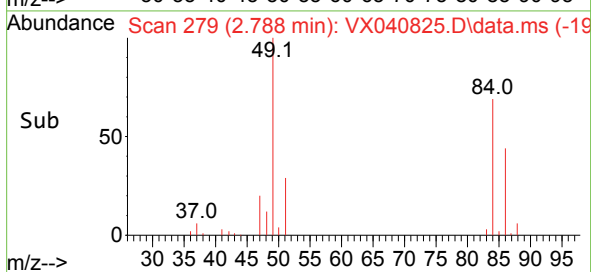
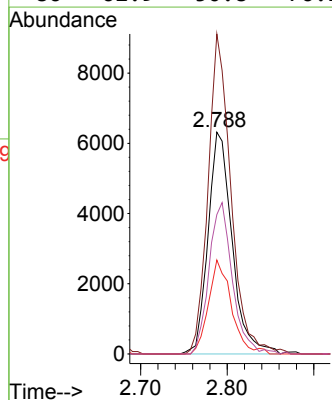
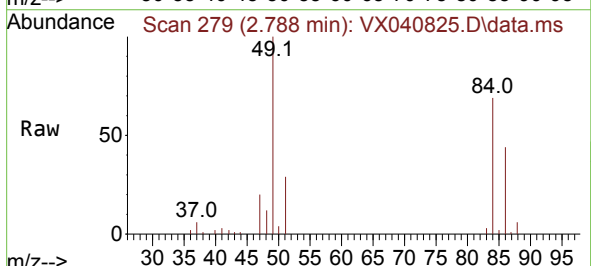
Ion Ratio Lower Upper

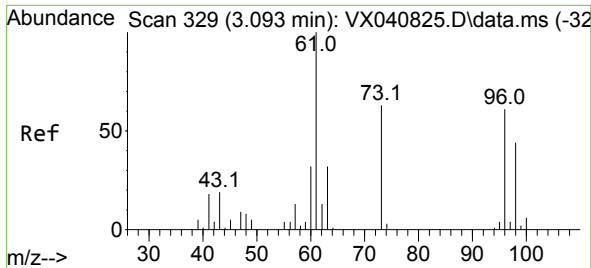
84 100

49 144.3 103.8 155.8

51 42.4 31.8 47.6

86 62.9 50.8 76.2

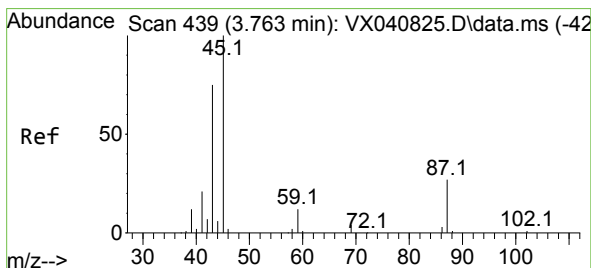
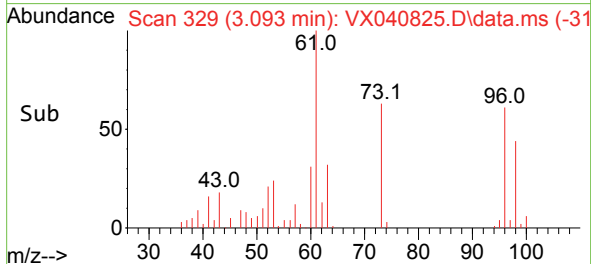
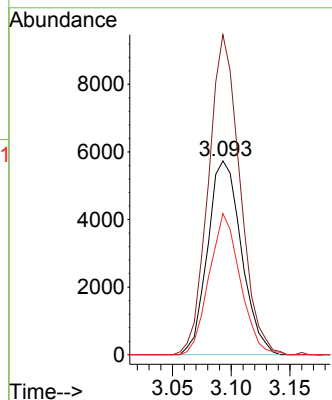
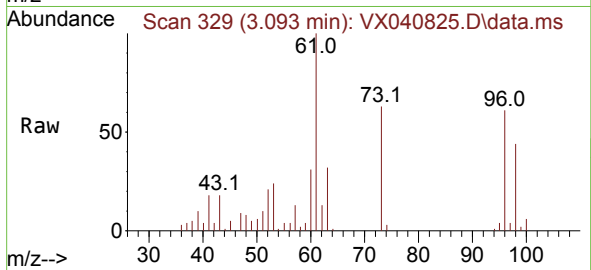




#19
trans-1,2-Dichloroethene
Concen: 18.971 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

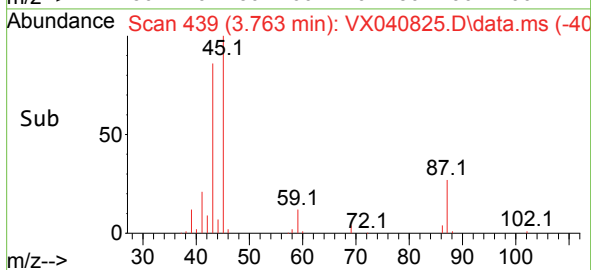
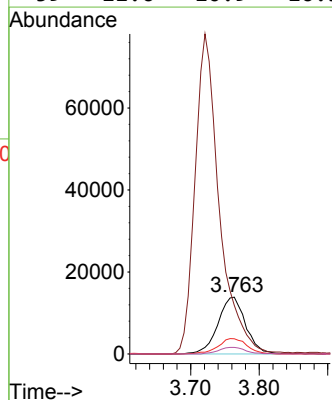
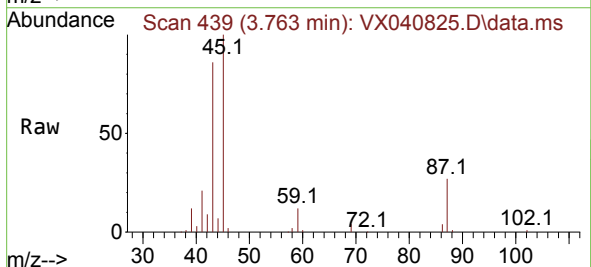
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

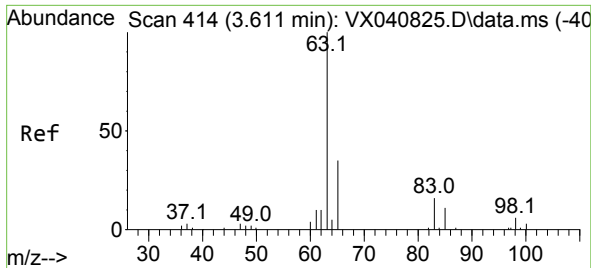
Tgt Ion: 96 Resp: 11454
Ion Ratio Lower Upper
96 100
61 163.7 117.9 176.9
98 72.8 51.0 76.6



#20
Diisopropyl ether
Concen: 18.759 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 45 Resp: 38741
Ion Ratio Lower Upper
45 100
43 82.4 67.7 101.5
87 26.8 21.5 32.3
59 11.6 10.9 16.3

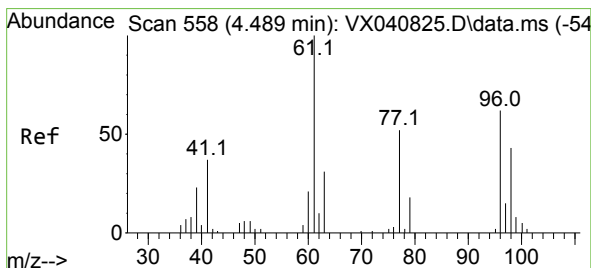
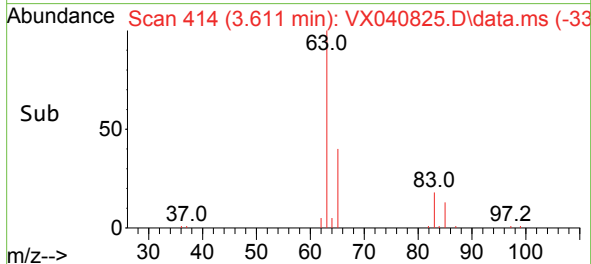
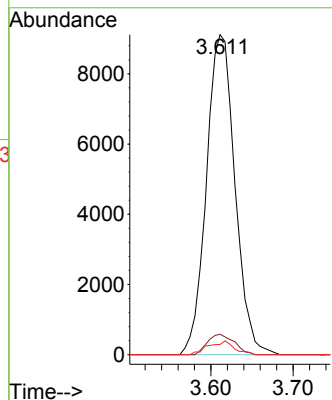
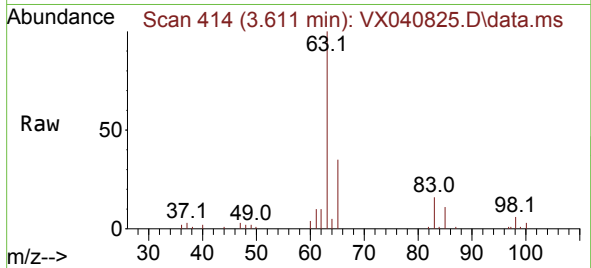




#21
1,1-Dichloroethane
Concen: 18.898 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

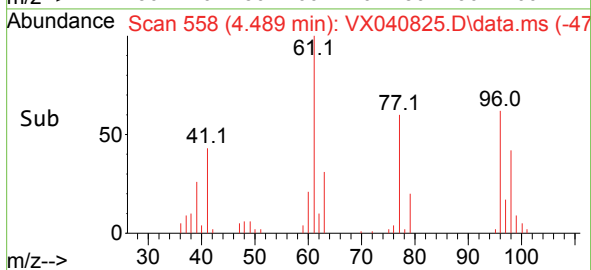
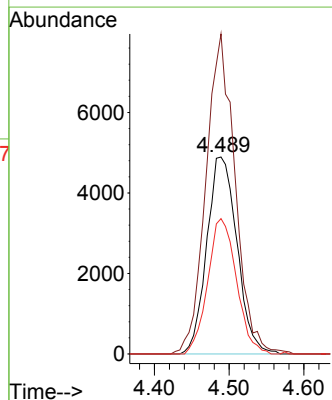
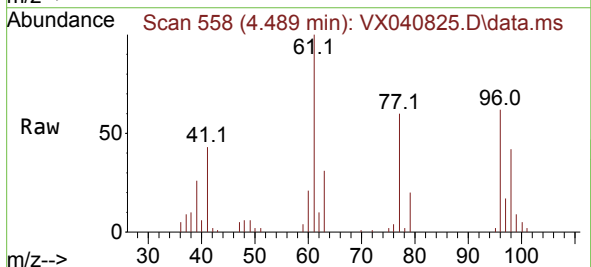
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

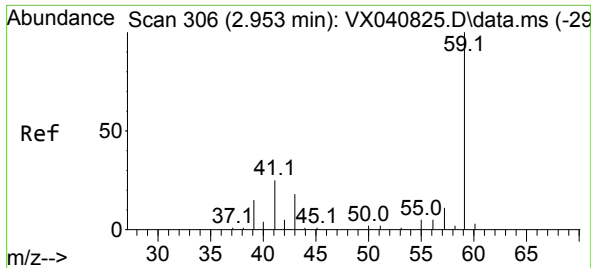
Tgt Ion: 63 Resp: 22032
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 3.2 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 19.396 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 96 Resp: 13759
Ion Ratio Lower Upper
96 100
61 156.6 119.8 179.6
98 65.3 50.9 76.3

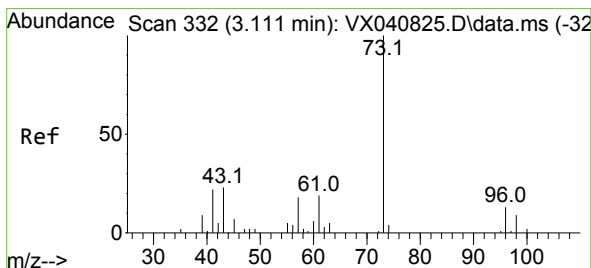
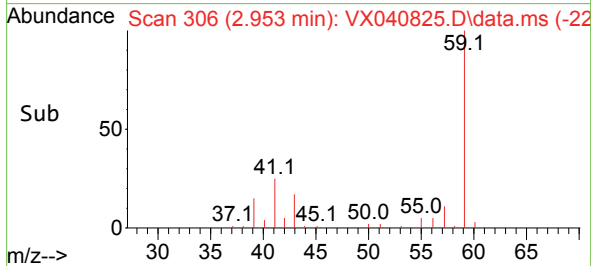
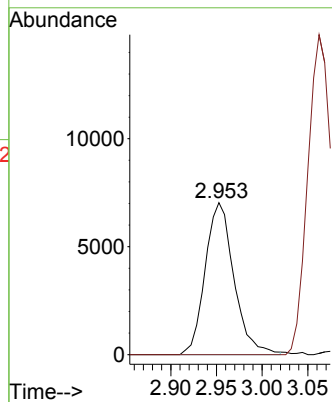
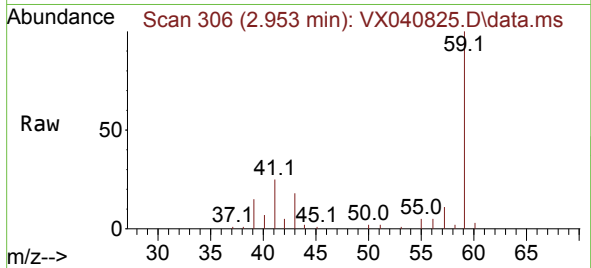




#23
tert-Butyl Alcohol
Concen: 92.206 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

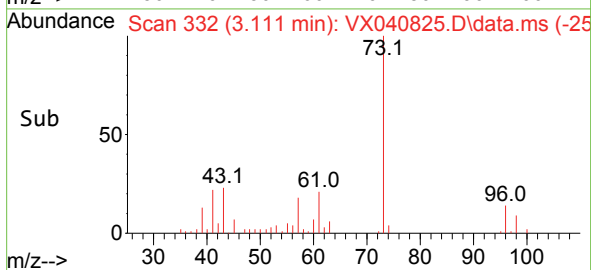
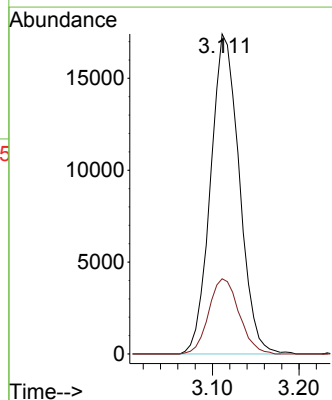
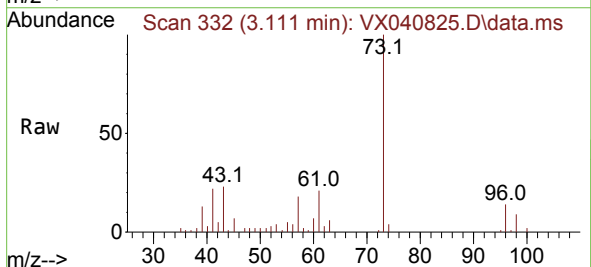
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

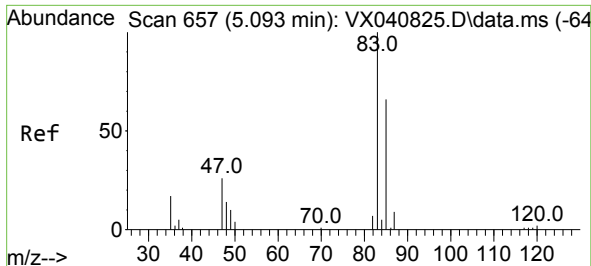
Tgt Ion: 59 Resp: 15445
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.496 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 73 Resp: 40081
Ion Ratio Lower Upper
73 100
43 24.8 17.0 25.6

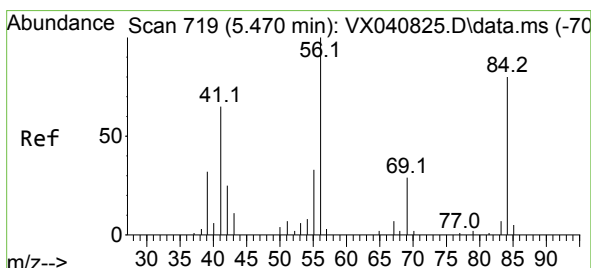
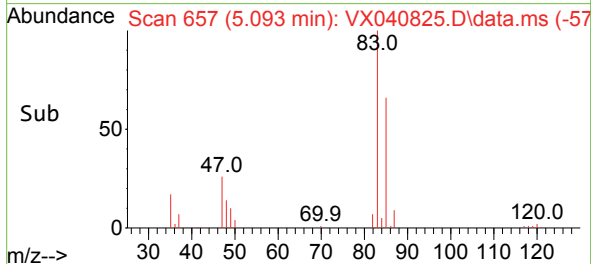
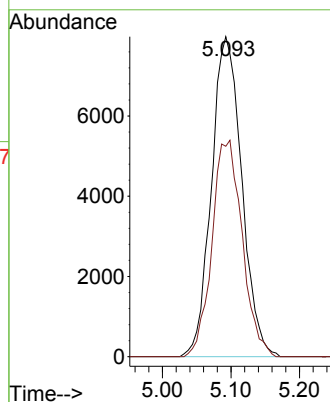
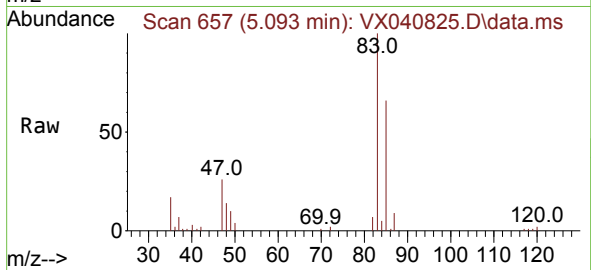




#25
Chloroform
Concen: 19.382 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

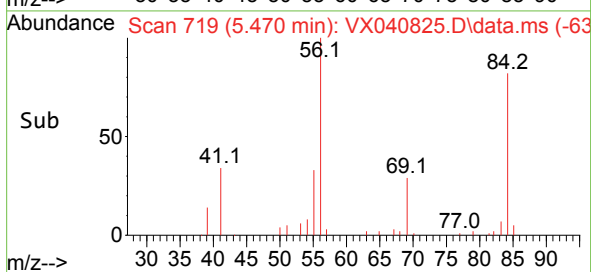
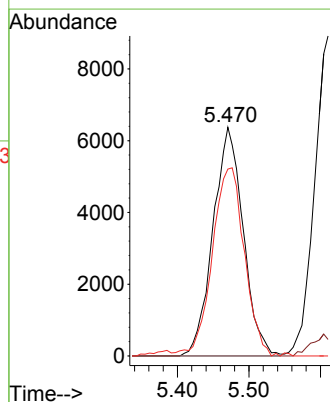
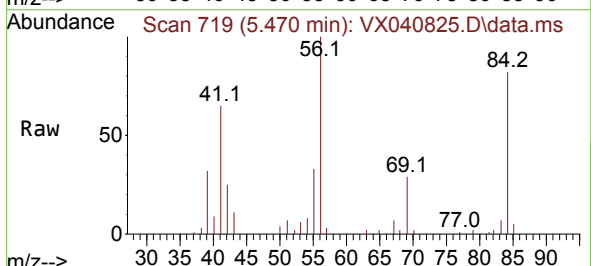
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

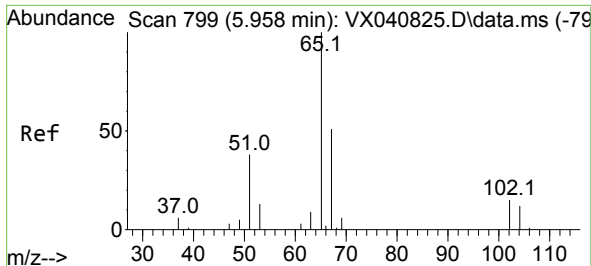
Tgt Ion: 83 Resp: 24493
Ion Ratio Lower Upper
83 100
85 65.7 54.6 81.8



#26
Cyclohexane
Concen: 19.301 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 56 Resp: 18705
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 67.2 100.8

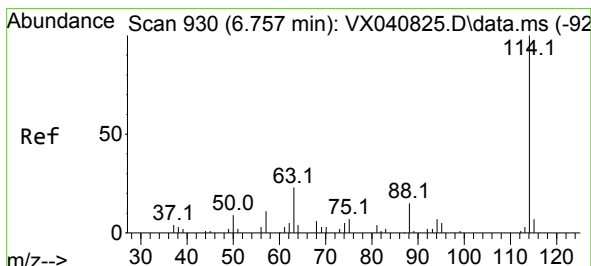
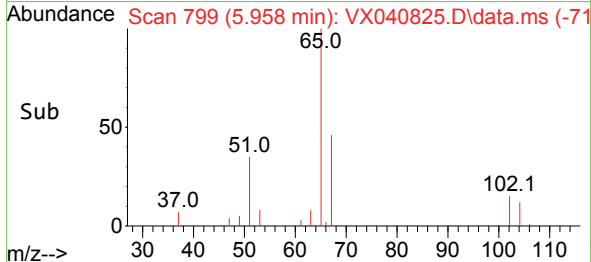
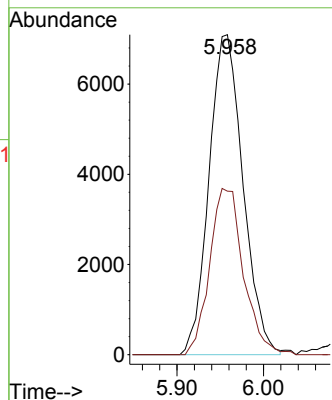
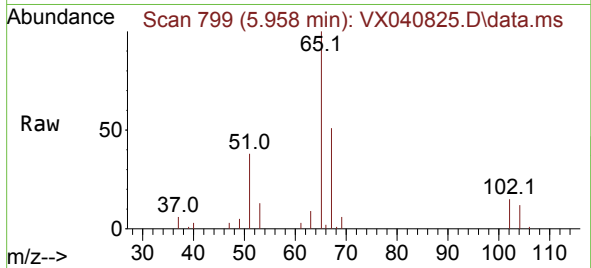




#27
1,2-Dichloroethane-d4
Concen: 29.275 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

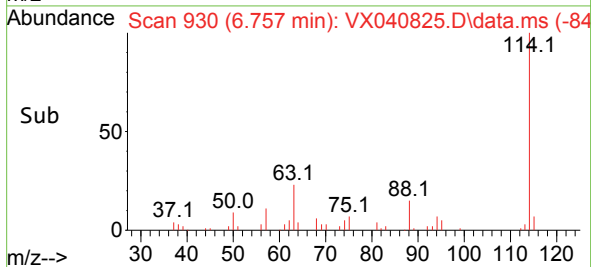
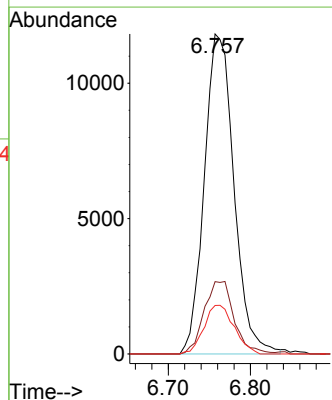
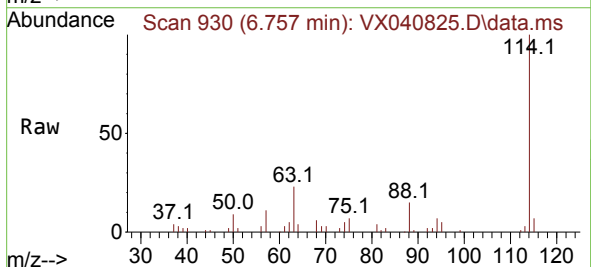
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

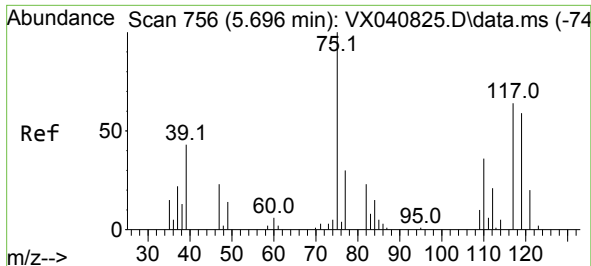
Tgt Ion: 65 Resp: 19362
Ion Ratio Lower Upper
65 100
67 51.4 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 114 Resp: 29605
Ion Ratio Lower Upper
114 100
63 23.0 17.0 25.4
88 15.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.938 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

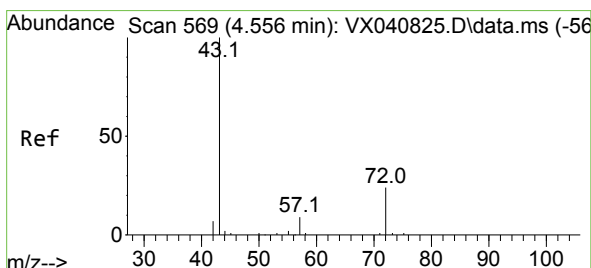
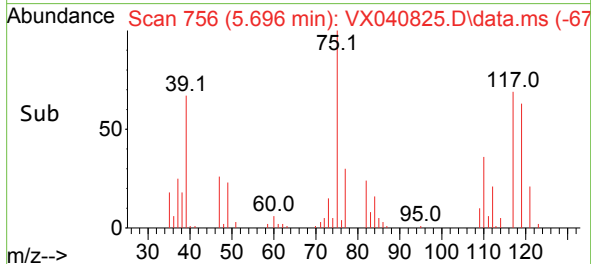
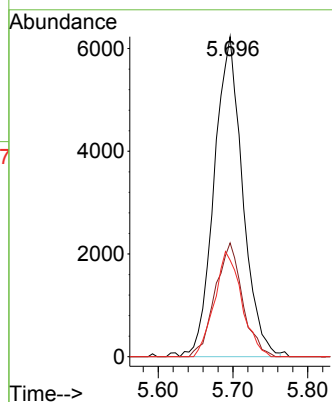
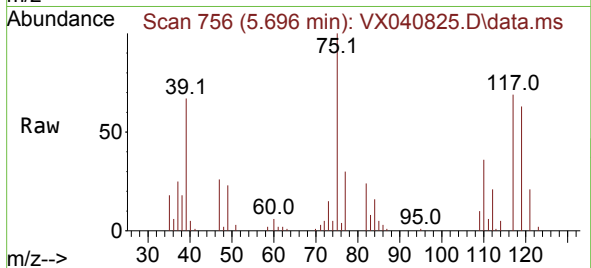
Tgt Ion: 75 Resp: 16471

Ion Ratio Lower Upper

75 100

110 34.4 0.0 71.2

77 31.5 0.0 62.6



#30

2-Butanone

Concen: 101.866 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

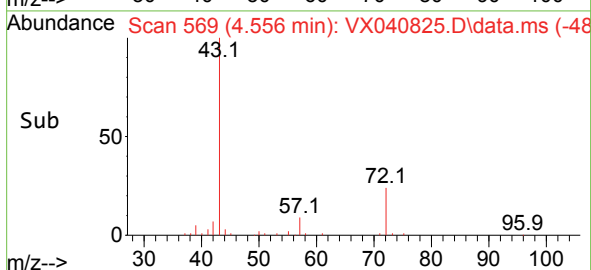
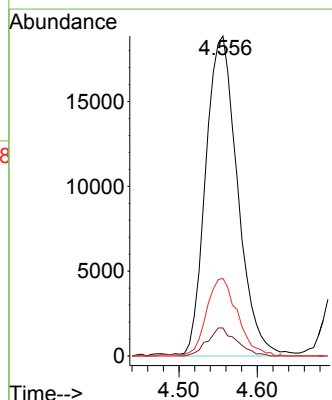
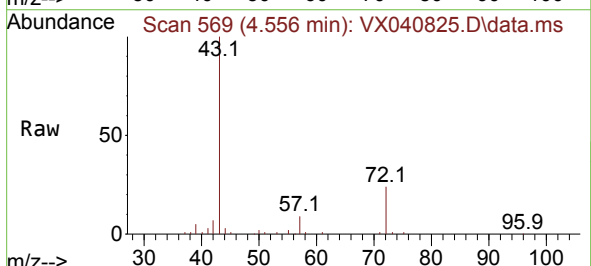
Tgt Ion: 43 Resp: 53244

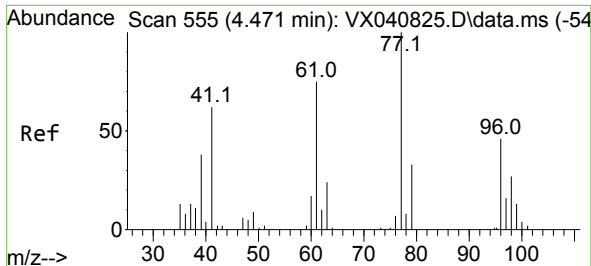
Ion Ratio Lower Upper

43 100

57 7.9 6.6 10.0

72 23.6 20.6 31.0





#31

2,2-Dichloropropane

Concen: 19.720 ug/l

RT: 4.471 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

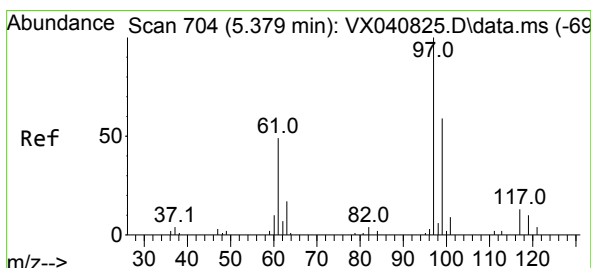
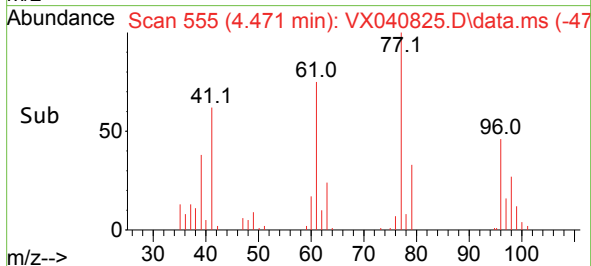
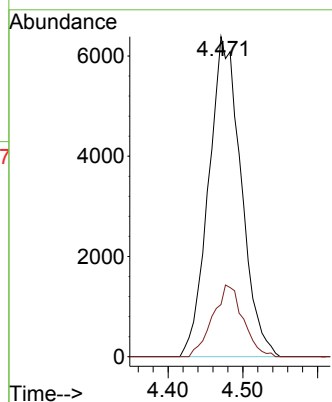
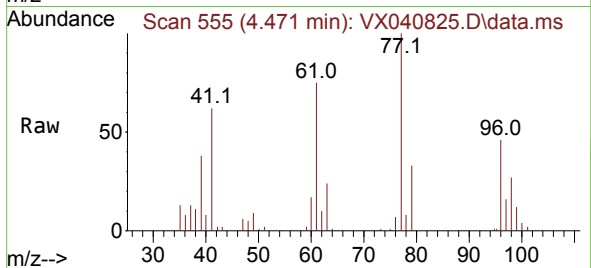
VSTDICCC020

Tgt Ion: 77 Resp: 19239

Ion Ratio Lower Upper

77 100

97 21.0 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 19.927 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

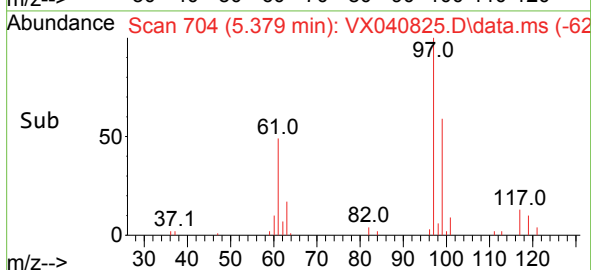
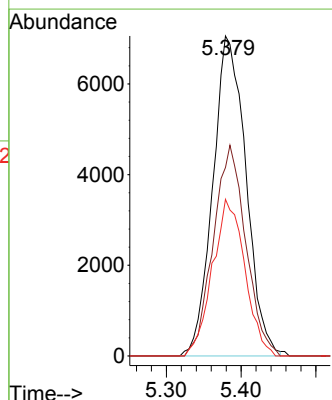
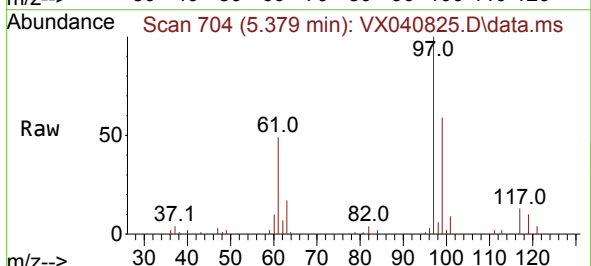
Tgt Ion: 97 Resp: 21735

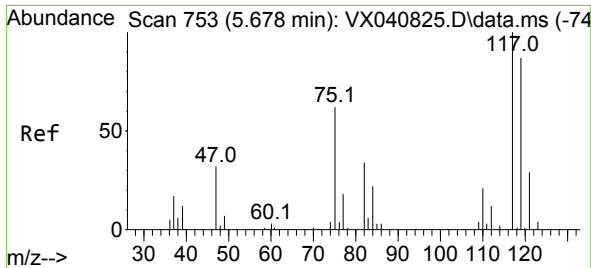
Ion Ratio Lower Upper

97 100

99 64.8 52.6 79.0

61 47.9 36.9 55.3

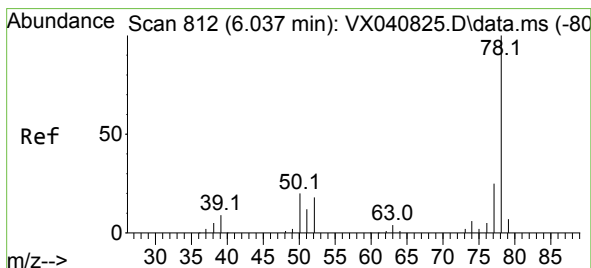
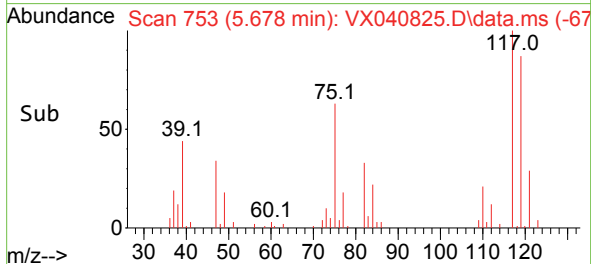
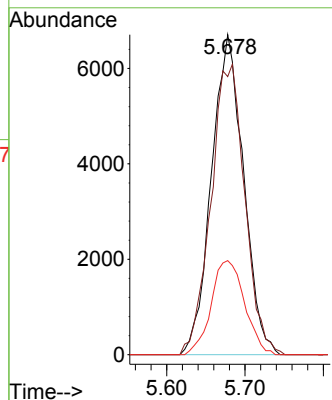
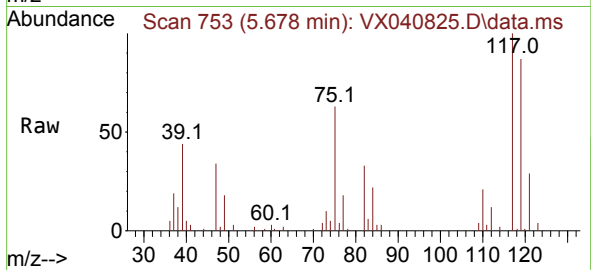




#33
Carbon Tetrachloride
Concen: 20.292 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

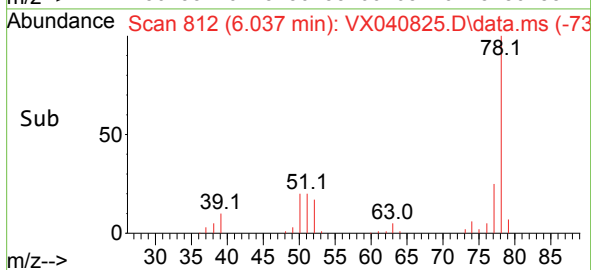
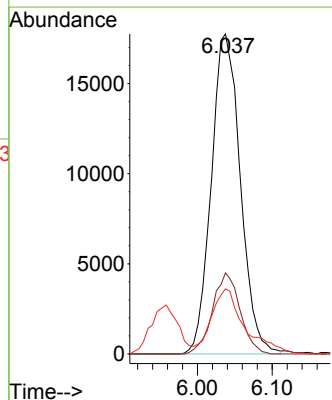
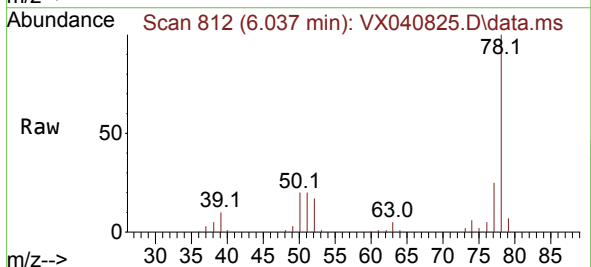
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

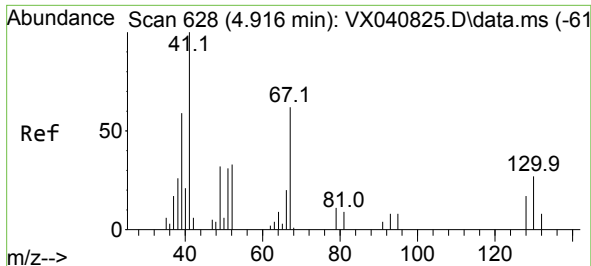
Tgt Ion:117 Resp: 19105
Ion Ratio Lower Upper
117 100
119 86.9 78.2 117.4
121 29.4 24.7 37.1



#34
Benzene
Concen: 20.294 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 78 Resp: 48091
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9
51 18.3 14.4 21.6

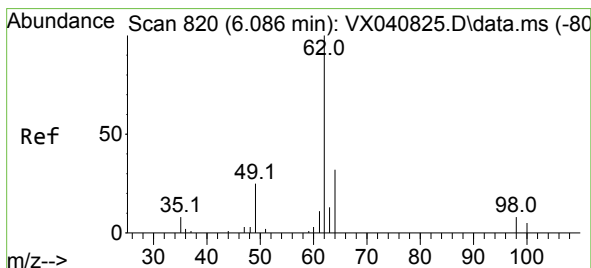
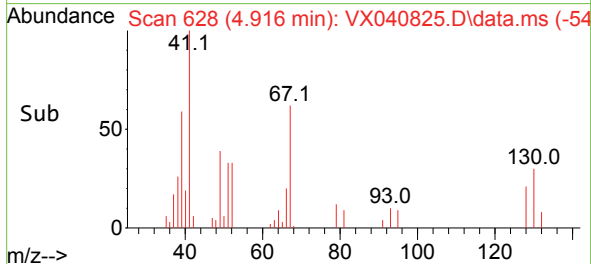
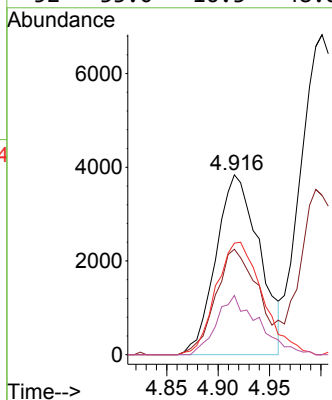
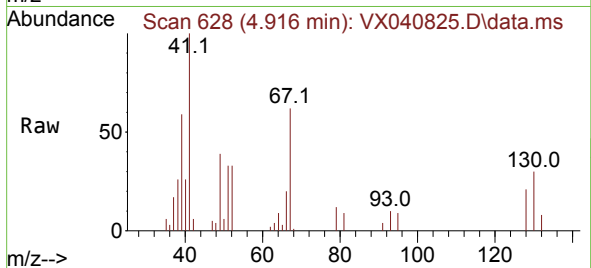




#35
Methacrylonitrile
Concen: 20.239 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

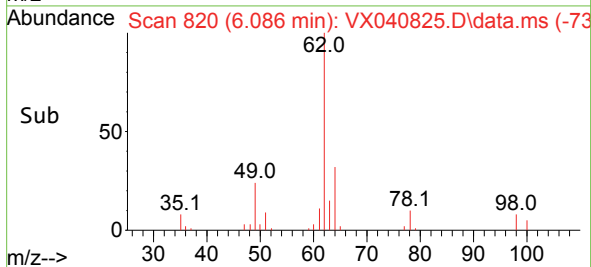
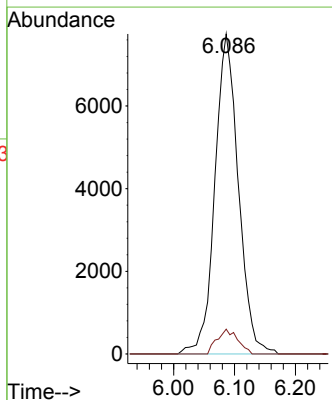
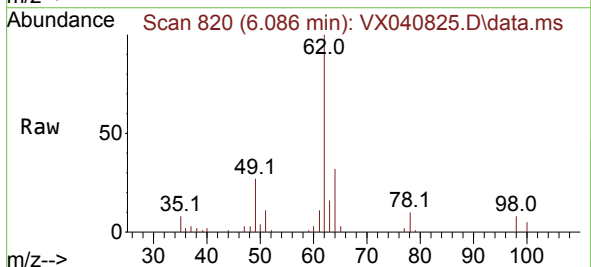
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

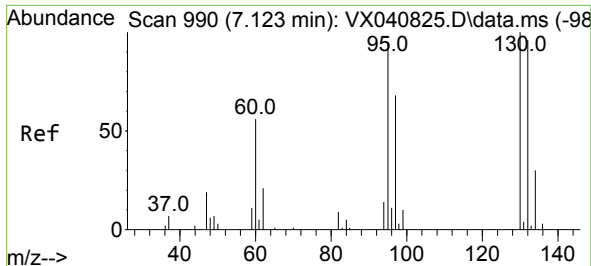
Tgt Ion:	41	Resp:	11284
Ion	Ratio	Lower	Upper
41	100		
39	58.7	28.2	84.7
67	62.0	34.5	103.5
52	33.0	16.3	48.8



#36
1,2-Dichloroethane
Concen: 20.132 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:	62	Resp:	20728
Ion	Ratio	Lower	Upper
62	100		
98	6.8	7.0	10.4#

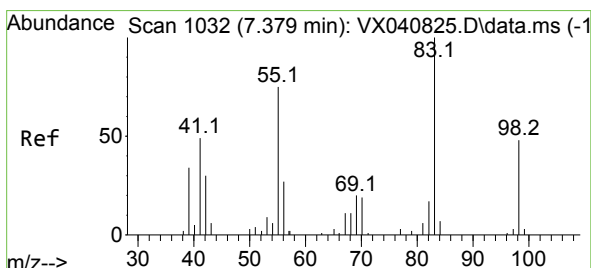
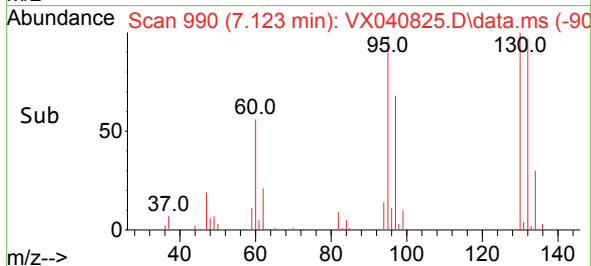
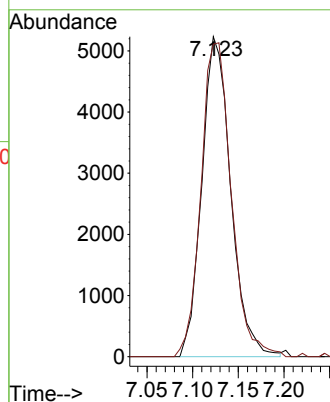
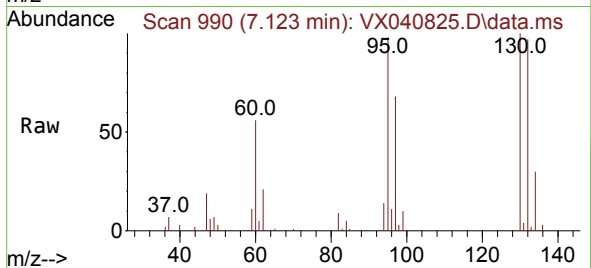




#37
Trichloroethene
Concen: 19.664 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

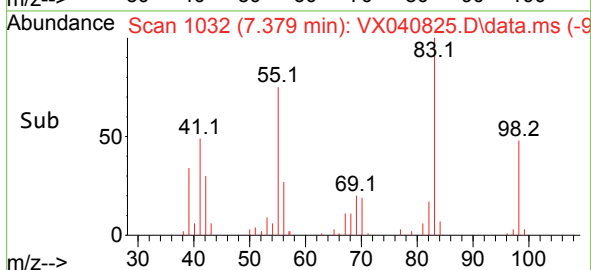
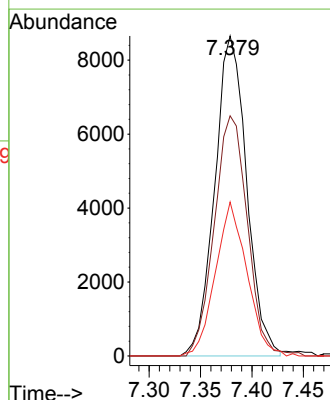
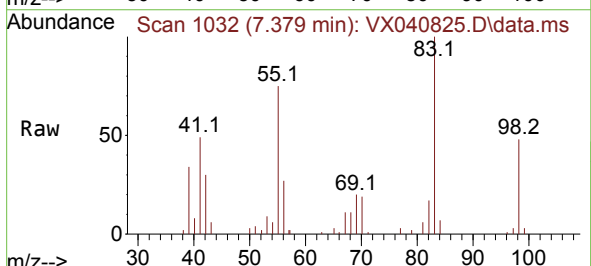
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

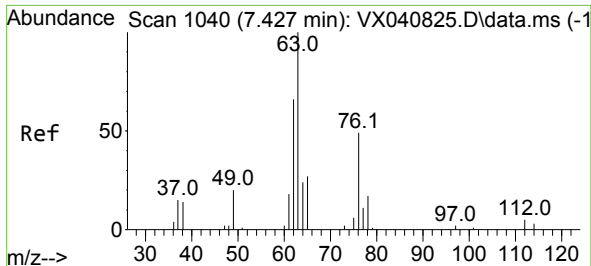
Tgt Ion:130 Resp: 11511
Ion Ratio Lower Upper
130 100
95 96.2 85.8 128.8



#38
Methylcyclohexane
Concen: 19.148 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 83 Resp: 18674
Ion Ratio Lower Upper
83 100
55 77.8 38.6 116.0
98 47.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.389 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

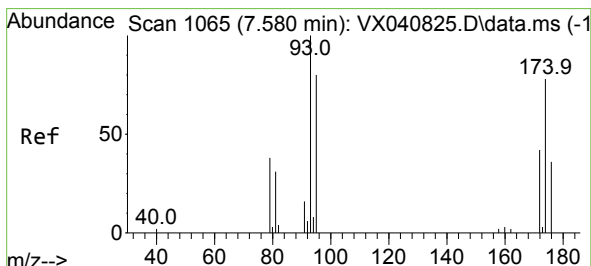
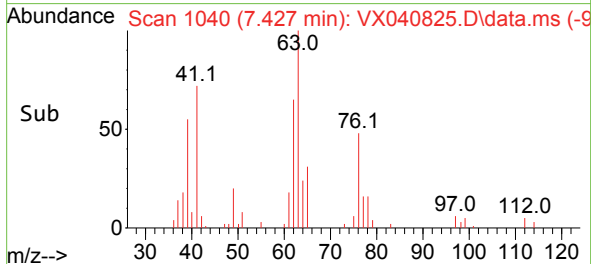
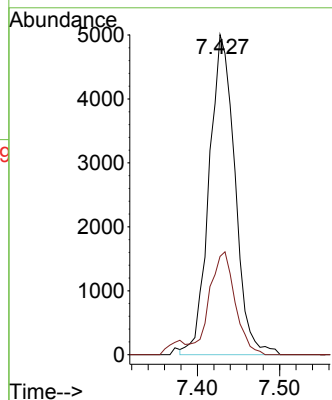
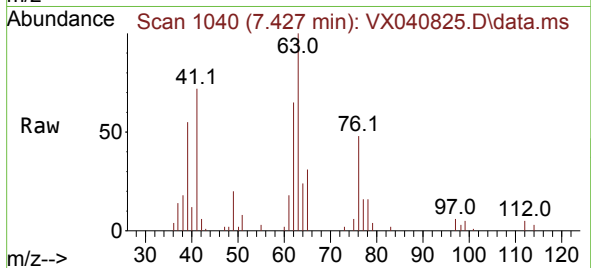
VSTDICCC020

Tgt Ion: 63 Resp: 10916

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#40

Dibromomethane

Concen: 19.477 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

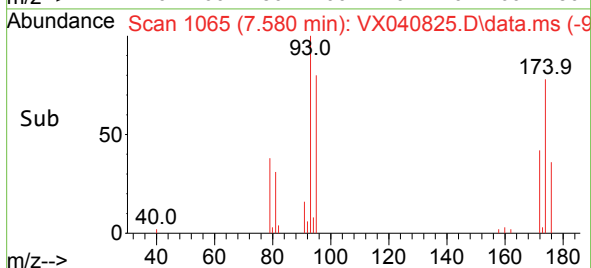
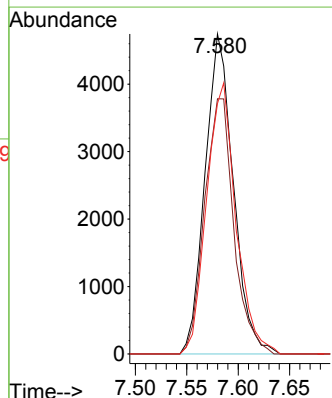
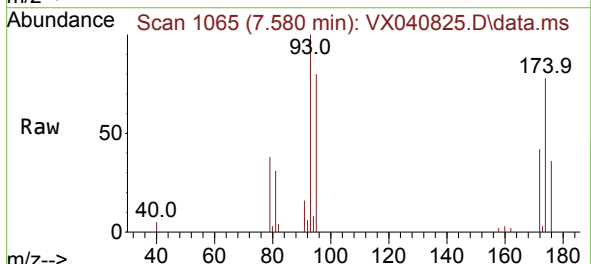
Tgt Ion: 93 Resp: 9092

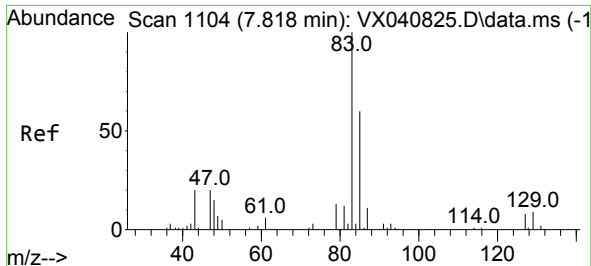
Ion Ratio Lower Upper

93 100

95 82.2 0.0 163.4

174 87.7 0.0 166.4

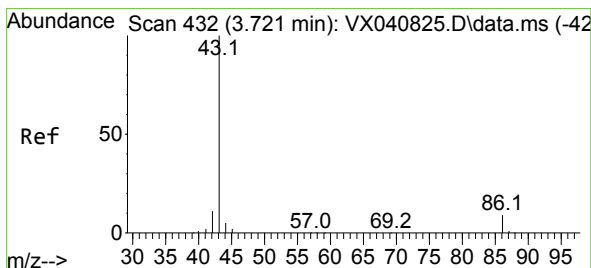
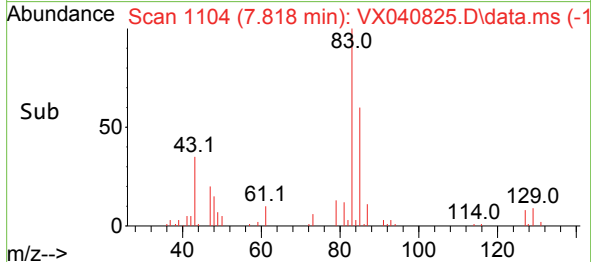
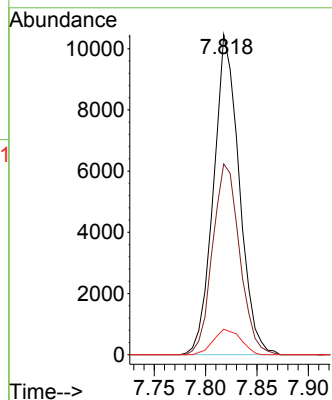
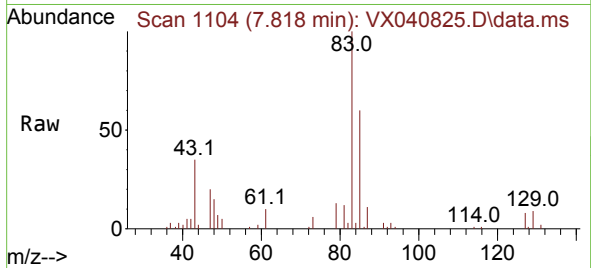




#41
Bromodichloromethane
Concen: 19.170 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

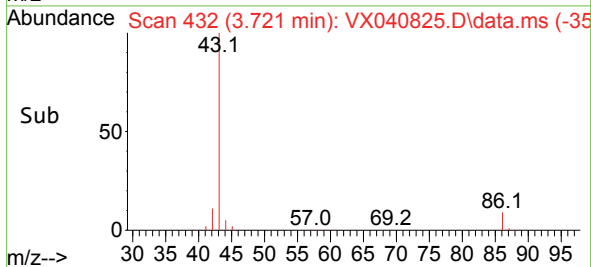
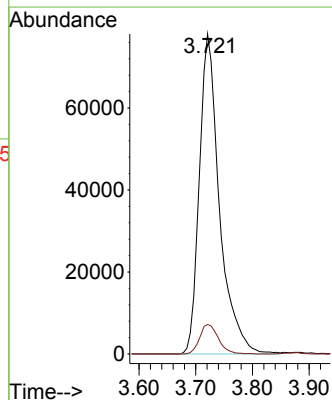
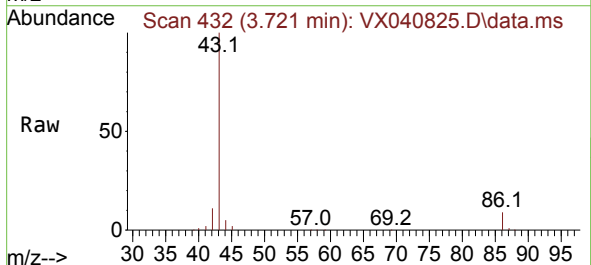
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

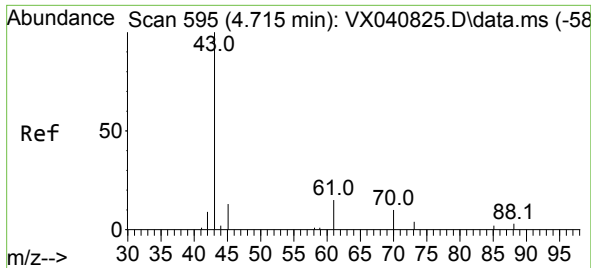
Tgt Ion: 83 Resp: 18167
Ion Ratio Lower Upper
83 100
85 59.6 50.8 76.2
127 7.9 5.9 8.9



#42
Vinyl Acetate
Concen: 99.671 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 43 Resp: 192560
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43

Ethyl Acetate

Concen: 20.373 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

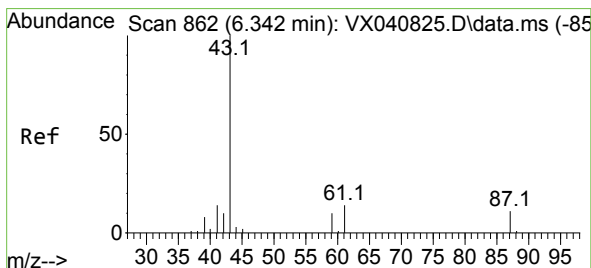
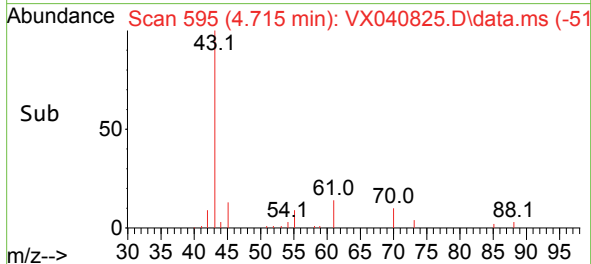
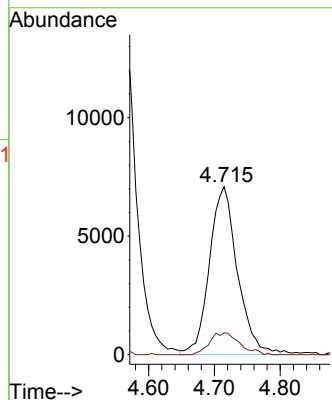
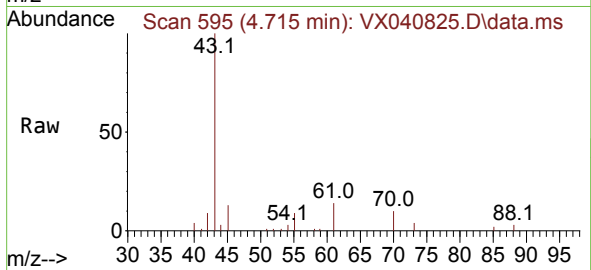
VSTDICCC020

Tgt Ion: 43 Resp: 21024

Ion Ratio Lower Upper

43 100

45 5.7 11.8 17.8#



#44

Isopropyl Acetate

Concen: 19.973 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040825.D

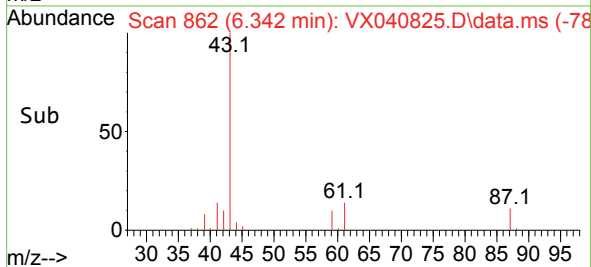
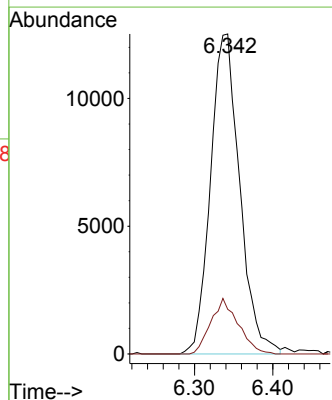
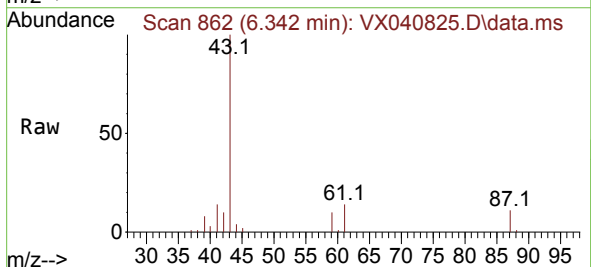
Acq: 28 Mar 2024 16:02

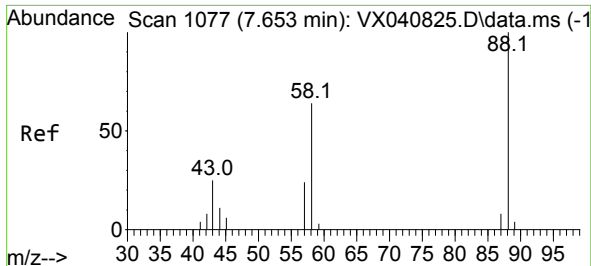
Tgt Ion: 43 Resp: 32464

Ion Ratio Lower Upper

43 100

61 16.3 15.6 23.4

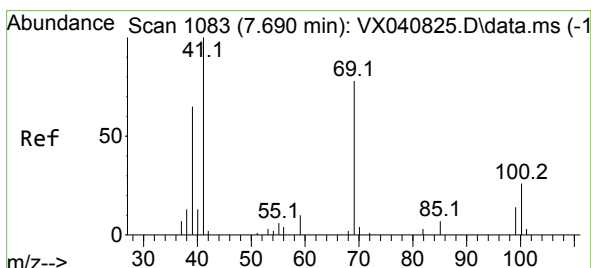
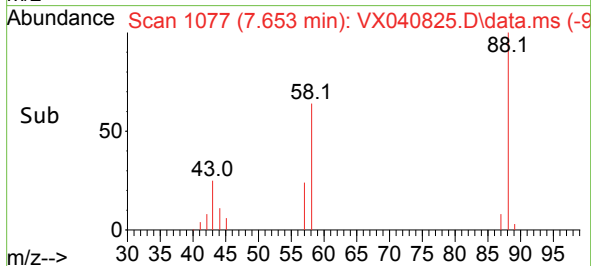
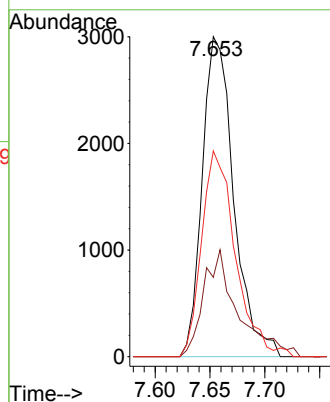
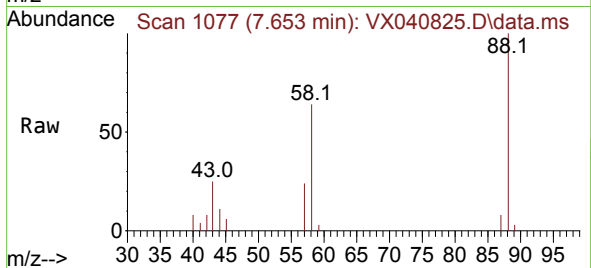




#45
1,4-Dioxane
Concen: 394.555 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

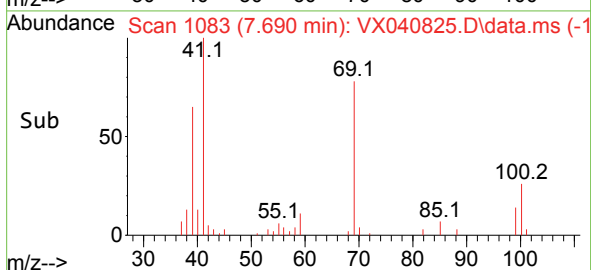
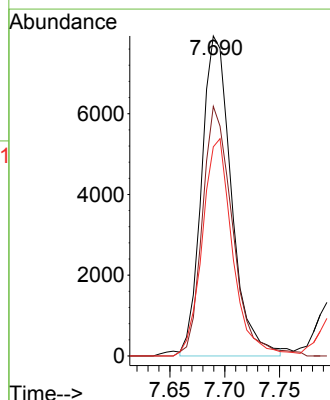
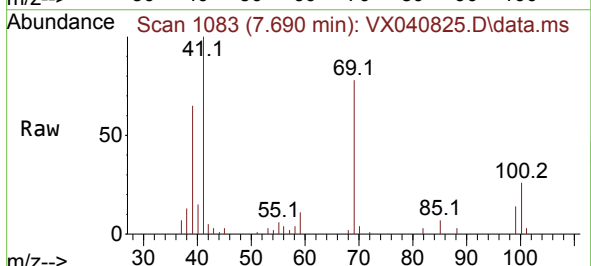
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

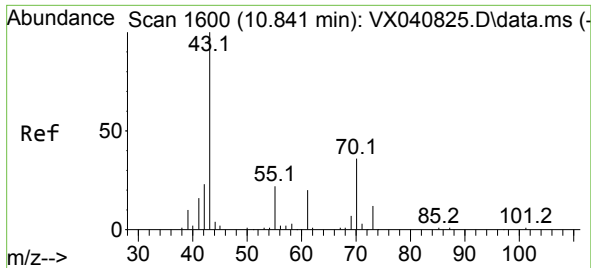
Tgt Ion: 88	Resp: 6005
Ion Ratio	Lower Upper
88 100	
43 36.2	28.1 42.1
58 68.2	57.7 86.5



#46
Methyl methacrylate
Concen: 19.177 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 41	Resp: 15007
Ion Ratio	Lower Upper
41 100	
69 77.6	39.6 118.8
39 64.9	30.1 90.3

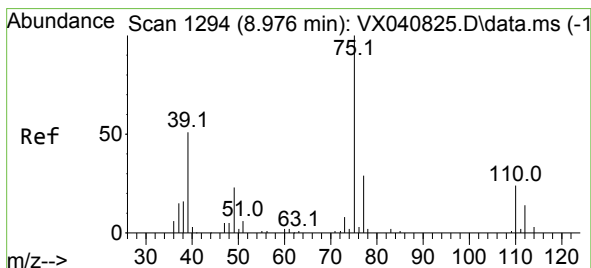
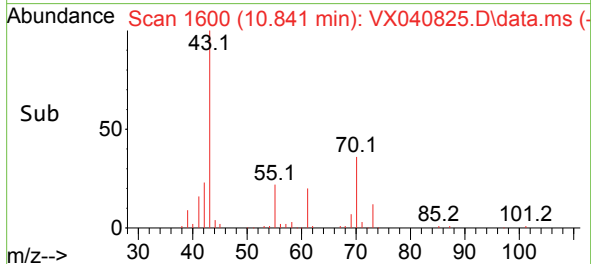
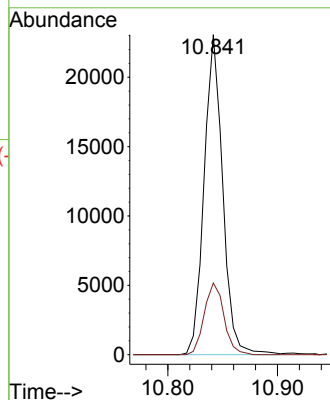
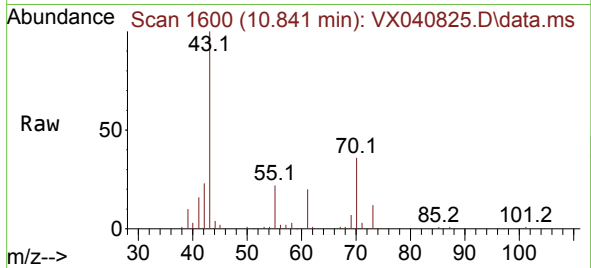




#47
n-amyl acetate
Concen: 18.558 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

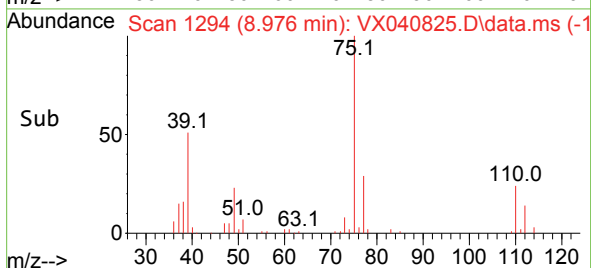
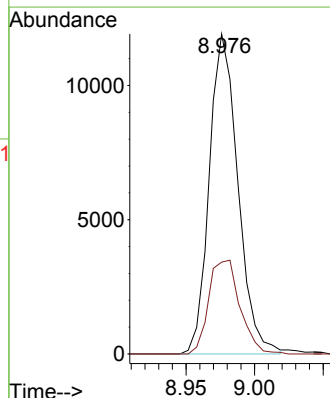
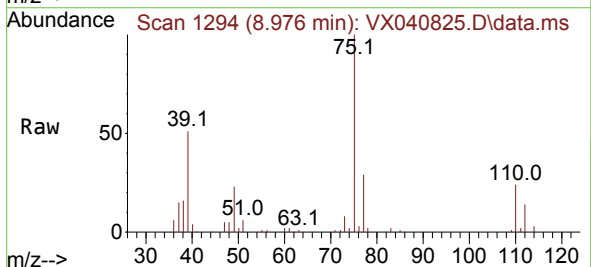
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

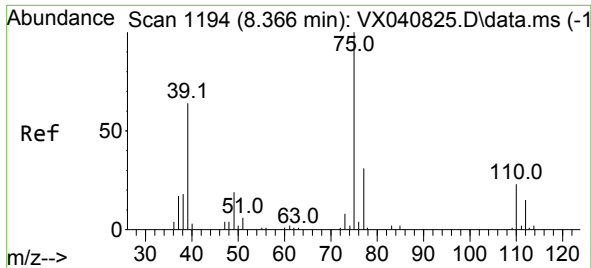
Tgt Ion: 43 Resp: 27162
Ion Ratio Lower Upper
43 100
55 23.7 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 18.415 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 75 Resp: 17312
Ion Ratio Lower Upper
75 100
77 28.7 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.703 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

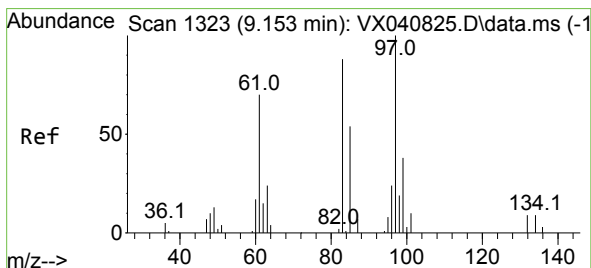
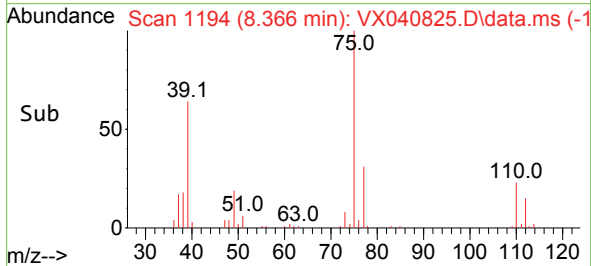
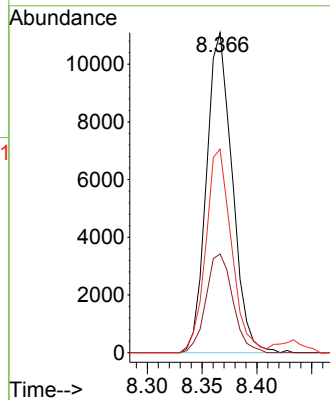
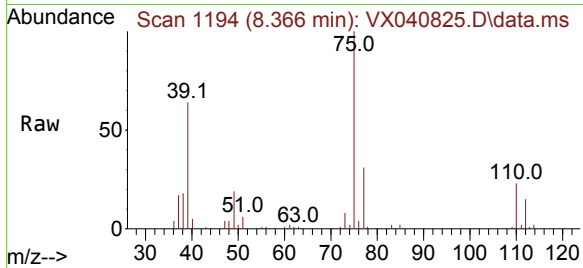
Tgt Ion: 75 Resp: 18165

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 63.6 40.6 60.8#



#50

1,1,2-Trichloroethane

Concen: 19.596 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Tgt Ion: 97 Resp: 11218

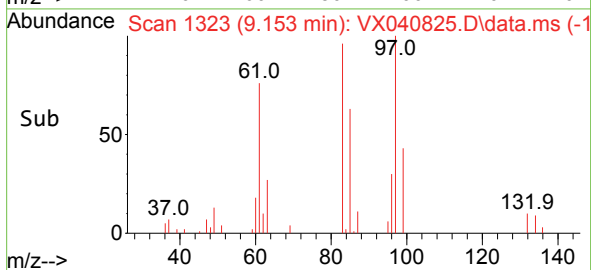
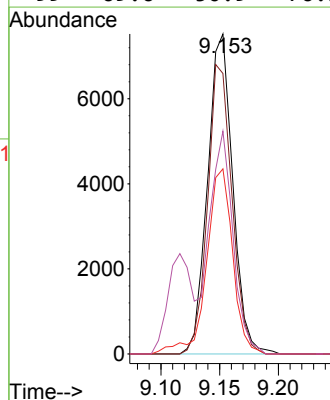
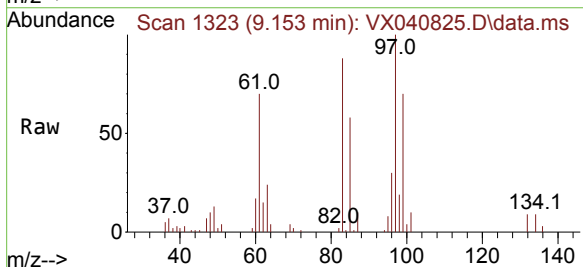
Ion Ratio Lower Upper

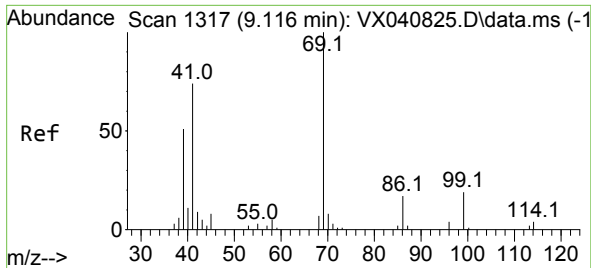
97 100

83 87.7 69.0 103.6

85 57.8 46.3 69.5

99 69.6 50.9 76.3

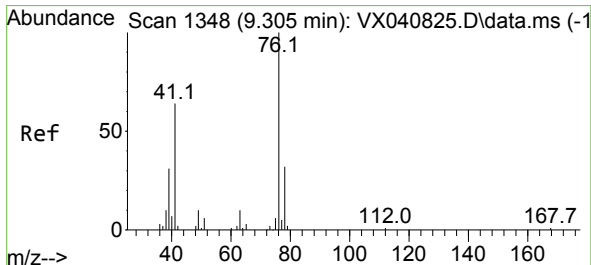
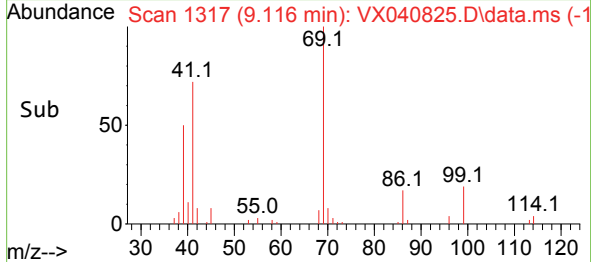
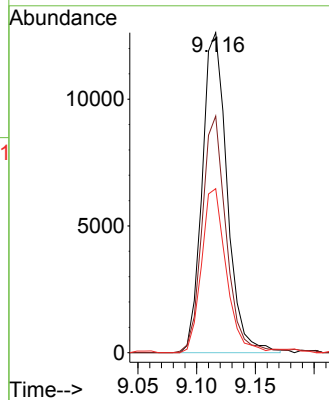
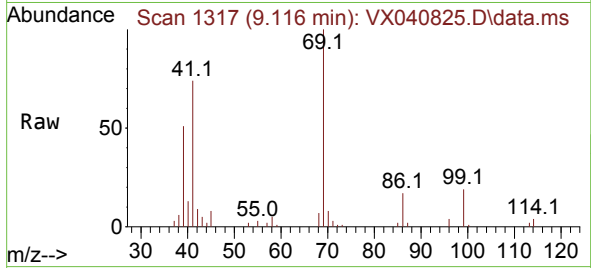




#51
Ethyl methacrylate
Concen: 18.631 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

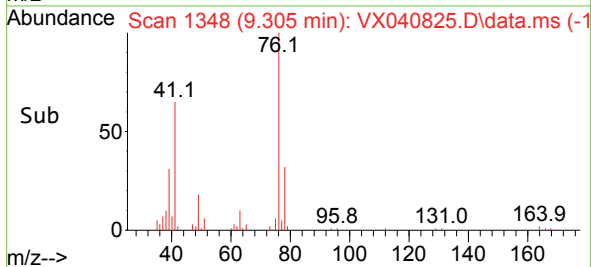
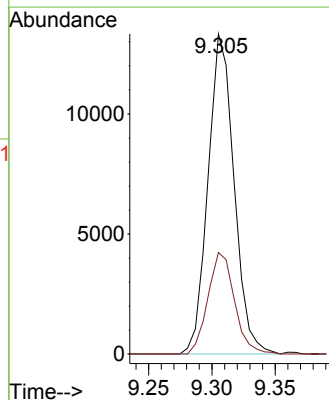
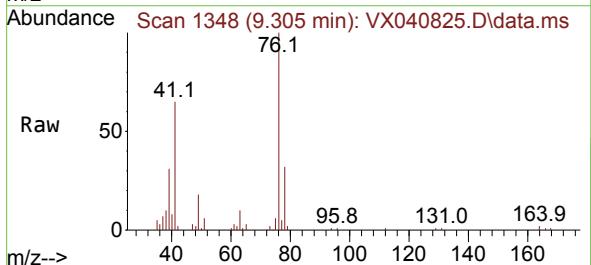
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

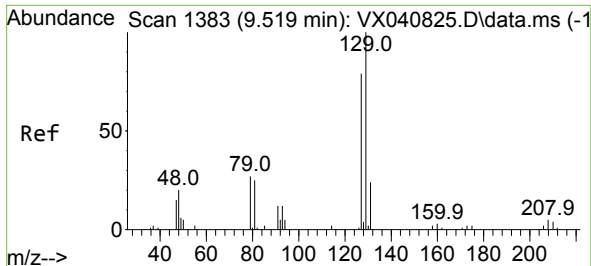
Tgt Ion: 69 Resp: 18628
Ion Ratio Lower Upper
69 100
41 73.5 36.2 108.6
39 51.2 21.1 63.4



#52
1,3-Dichloropropane
Concen: 19.358 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 76 Resp: 19047
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0

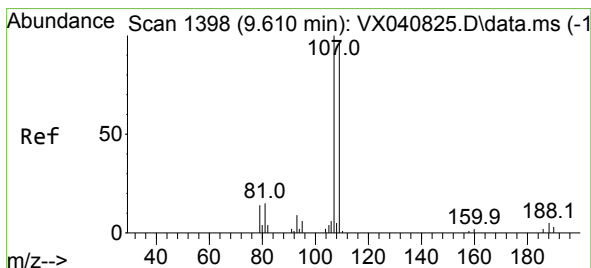
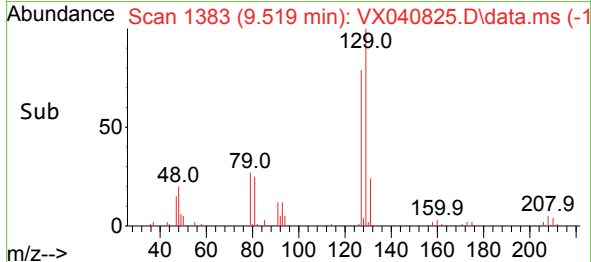
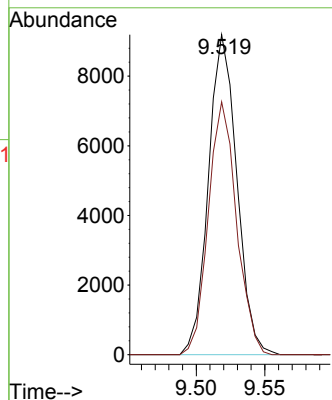
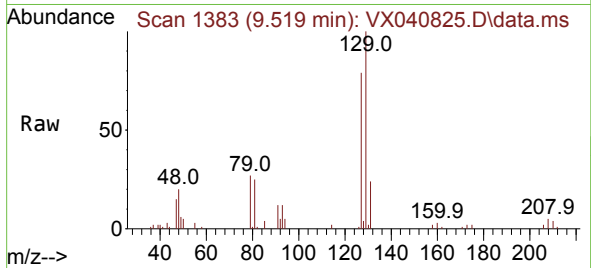




#53
Dibromochloromethane
Concen: 19.345 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

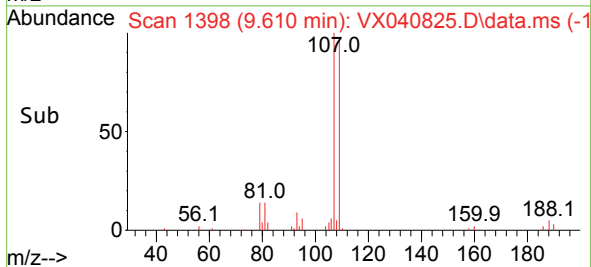
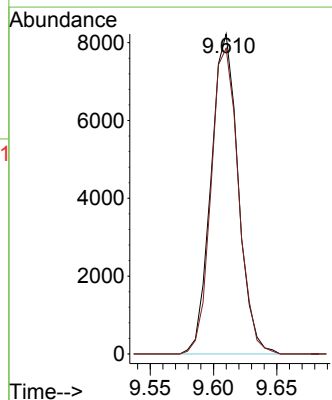
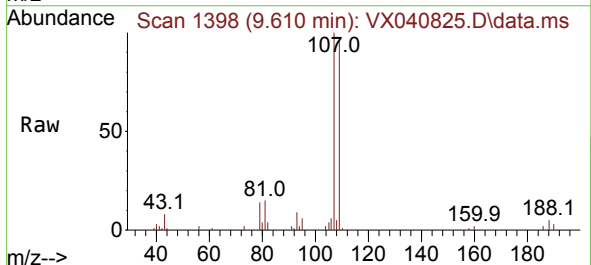
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

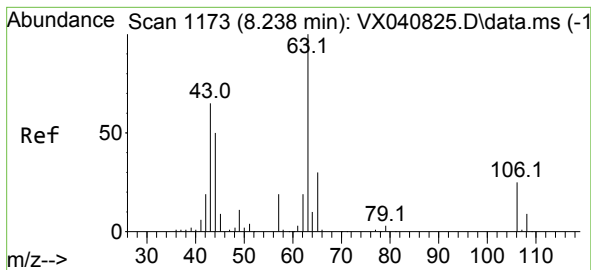
Tgt Ion:129 Resp: 13269
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.401 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:107 Resp: 12293
Ion Ratio Lower Upper
107 100
109 96.1 75.1 112.7

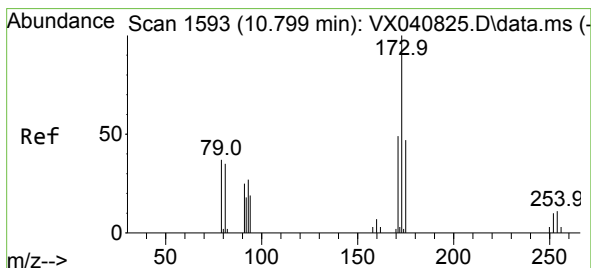
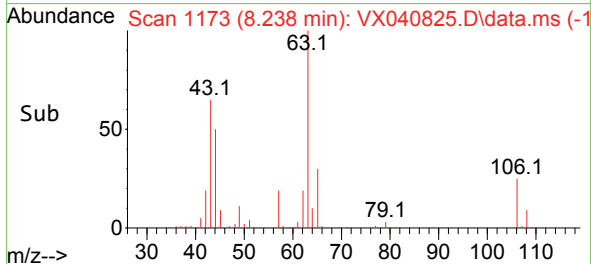
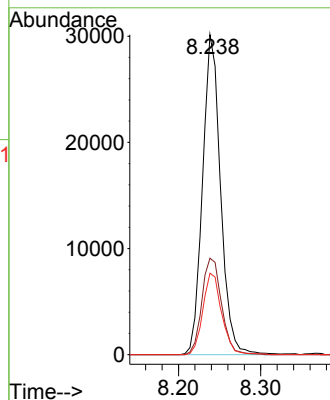
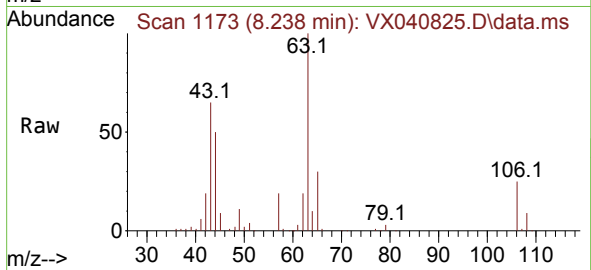




#55
 2-Chloroethyl vinyl ether
 Concen: 93.886 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

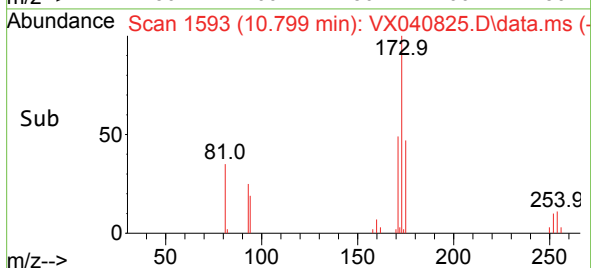
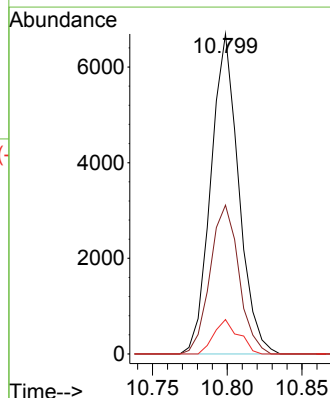
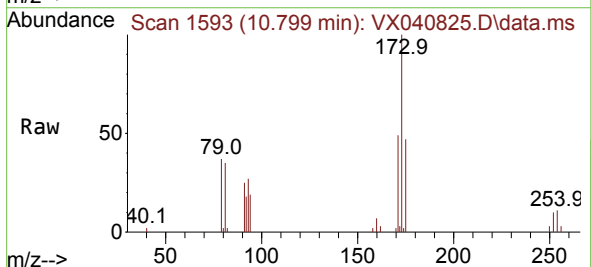
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

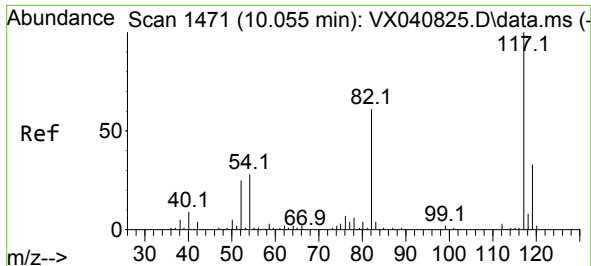
Tgt Ion:	63	Resp:	45917
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.8	38.6
106	26.7	20.6	31.0



#56
 Bromoform
 Concen: 18.149 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

Tgt Ion:	173	Resp:	8655
Ion	Ratio	Lower	Upper
173	100		
175	48.2	37.6	56.4
254	9.5	5.8	8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

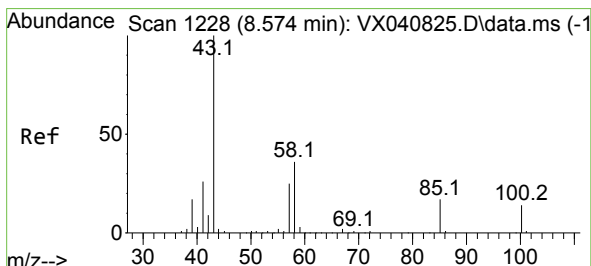
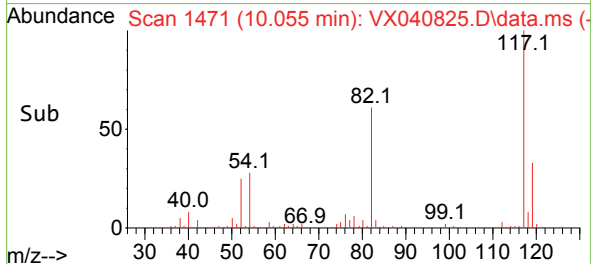
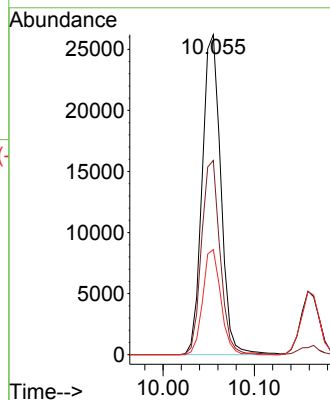
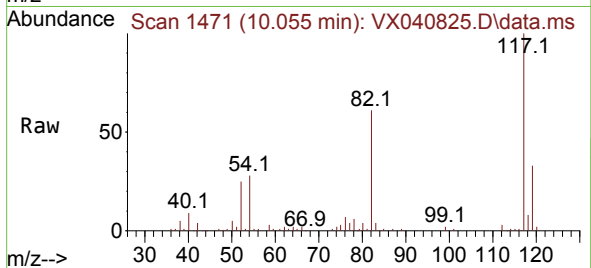
Tgt Ion:117 Resp: 37073

Ion Ratio Lower Upper

117 100

82 60.1 47.0 70.6

119 31.7 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 98.451 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

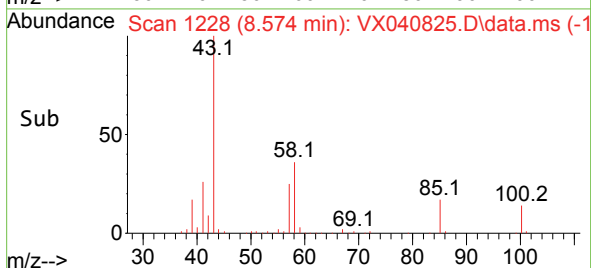
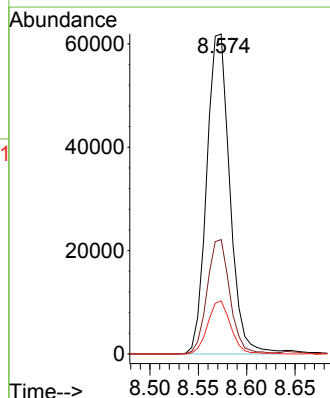
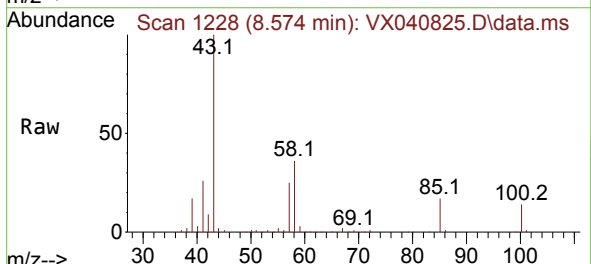
Tgt Ion: 43 Resp: 103082

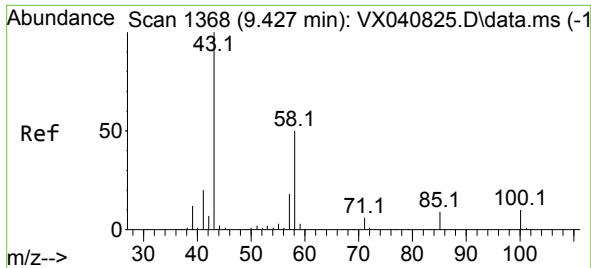
Ion Ratio Lower Upper

43 100

58 35.4 30.1 45.1

85 16.5 13.9 20.9

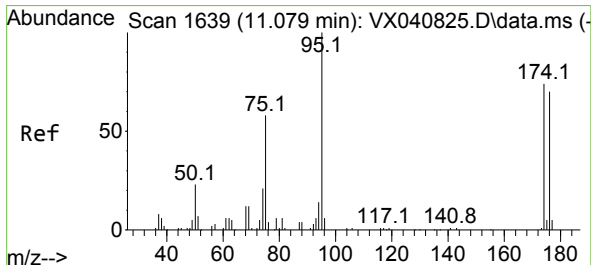
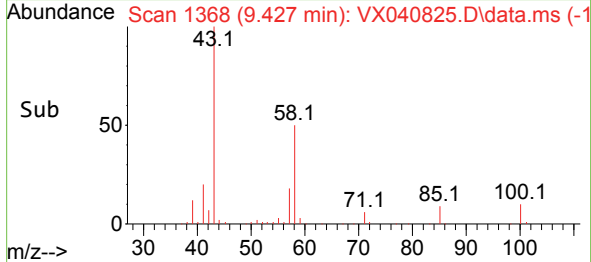
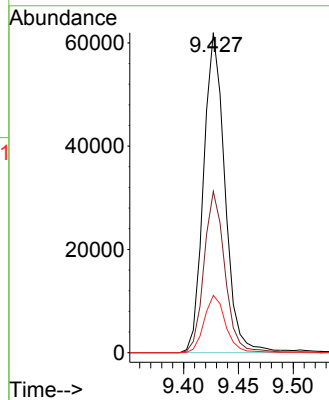
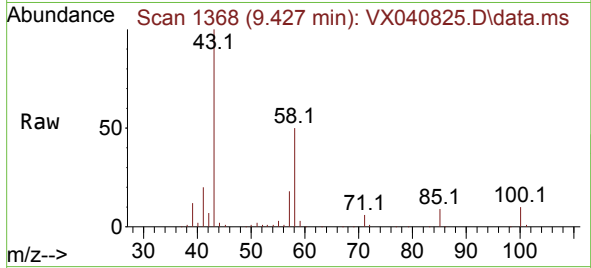




#59
2-Hexanone
Concen: 100.493 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

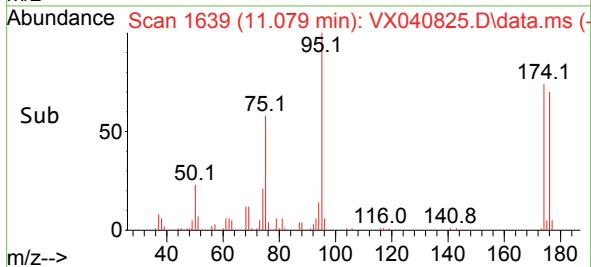
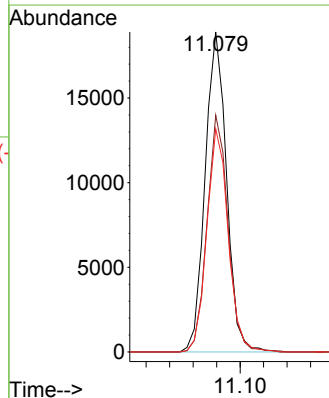
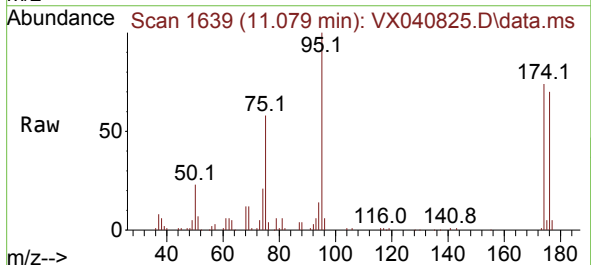
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

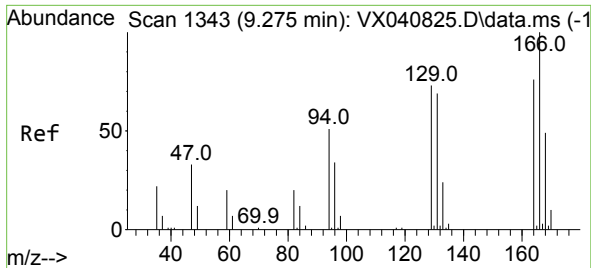
Tgt Ion:	43	Resp:	83855
Ion	Ratio	Lower	Upper
43	100		
58	49.5	42.7	64.1
57	18.1	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 29.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:	95	Resp:	23875
Ion	Ratio	Lower	Upper
95	100		
174	72.9	55.4	83.2
176	69.6	52.6	78.8

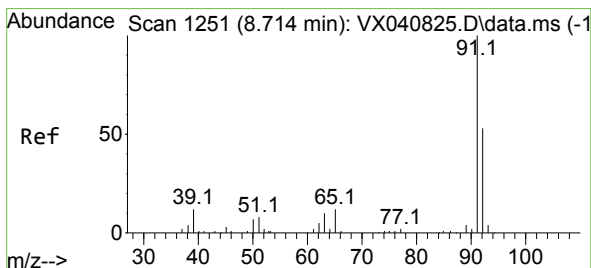
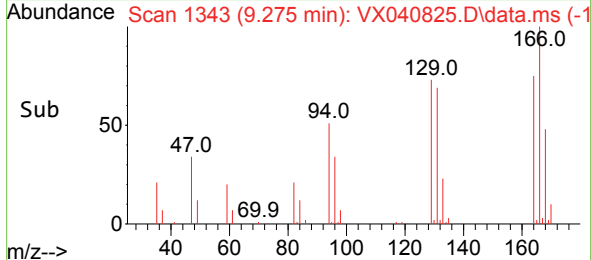
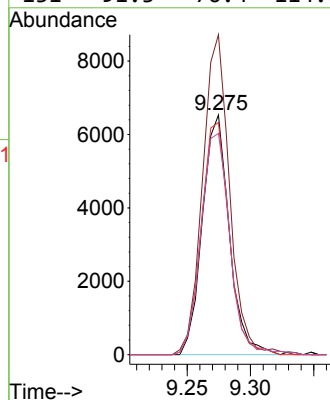
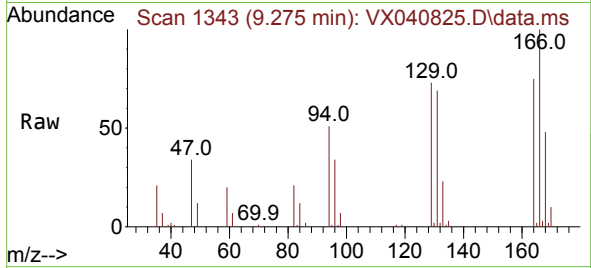




#61
Tetrachloroethene
Concen: 19.450 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

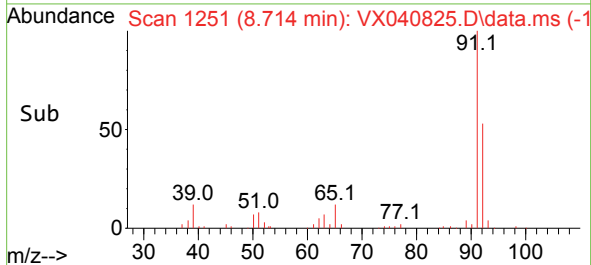
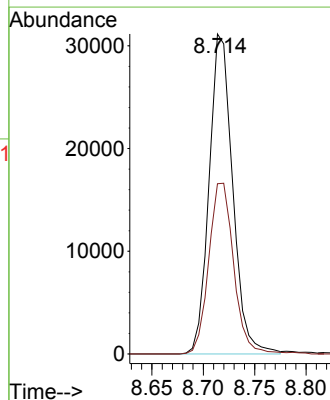
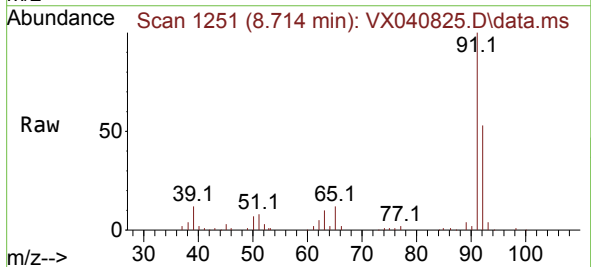
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

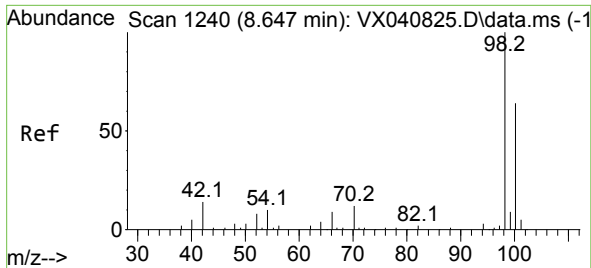
Tgt Ion:164 Resp: 9666
Ion Ratio Lower Upper
164 100
166 132.1 104.0 156.0
129 96.8 82.0 123.0
131 91.3 76.4 114.6



#62
Toluene
Concen: 19.796 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 91 Resp: 49635
Ion Ratio Lower Upper
91 100
92 56.4 45.9 68.9

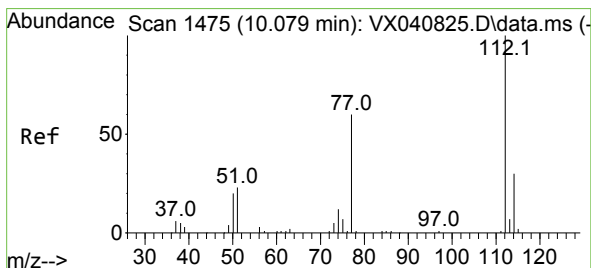
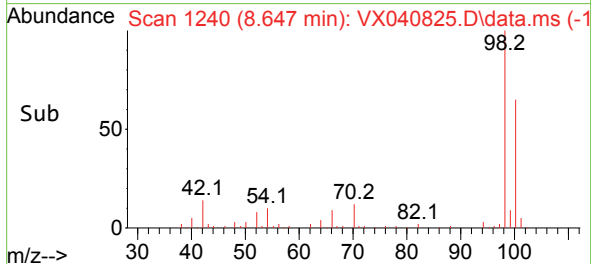
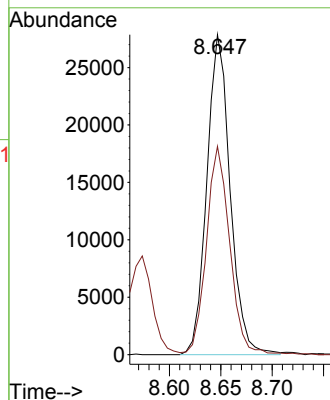
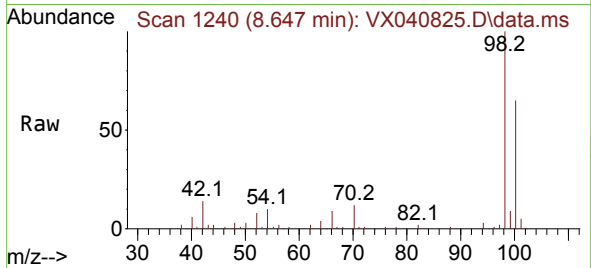




#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

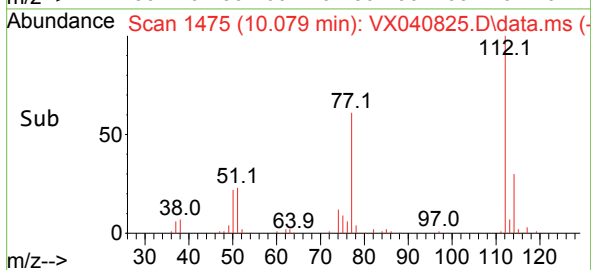
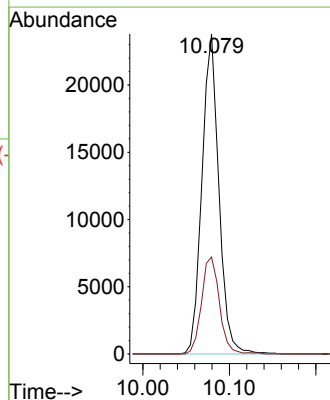
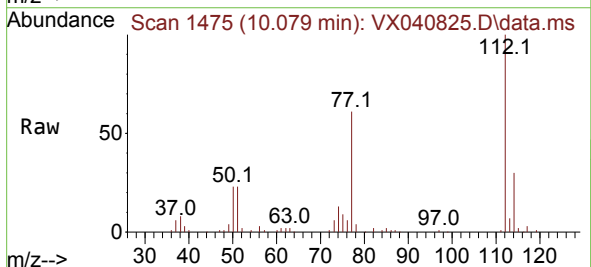
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

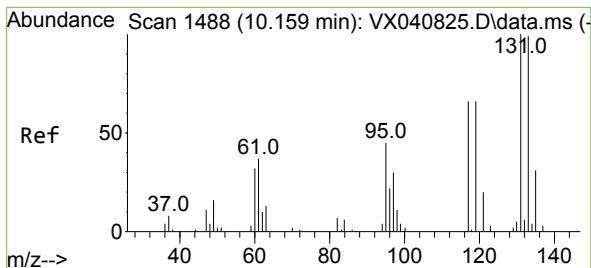
Tgt Ion: 98 Resp: 44064
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4



#64
Chlorobenzene
Concen: 19.903 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 112 Resp: 32260
Ion Ratio Lower Upper
112 100
114 30.3 25.9 38.9

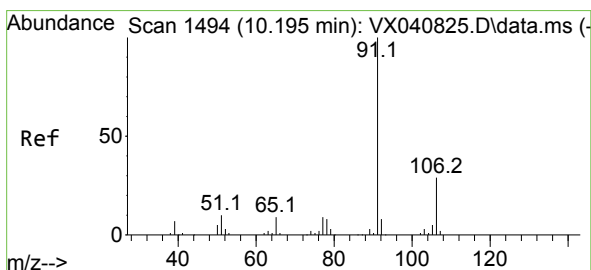
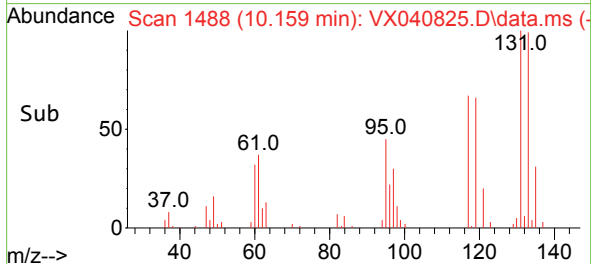
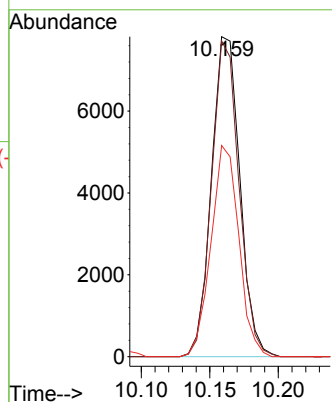
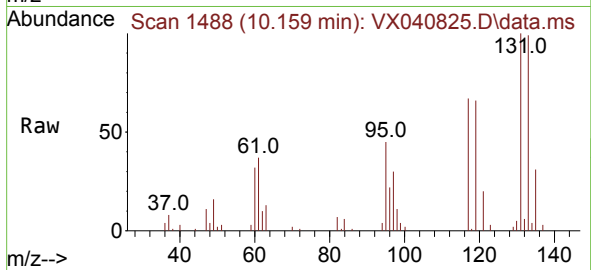




#65
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

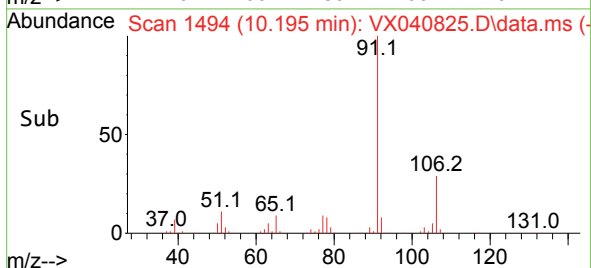
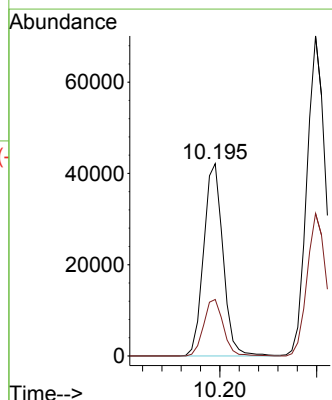
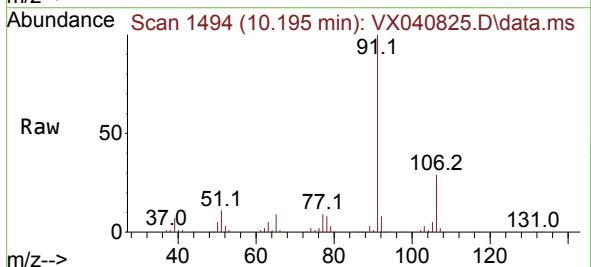
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

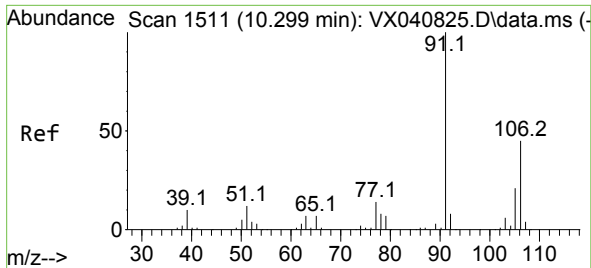
Tgt Ion:131 Resp: 11283
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.8
119 64.7 0.0 135.4



#66
Ethyl Benzene
Concen: 19.935 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 91 Resp: 58752
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6

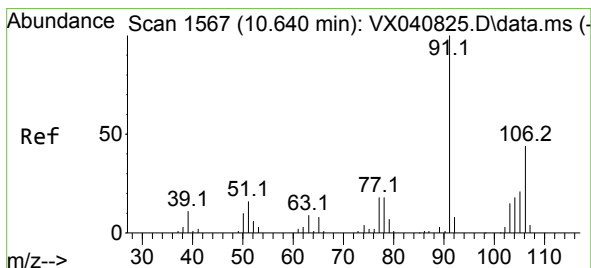
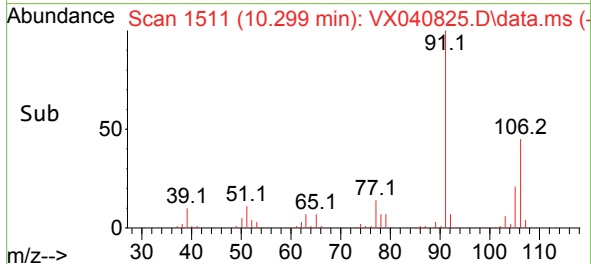
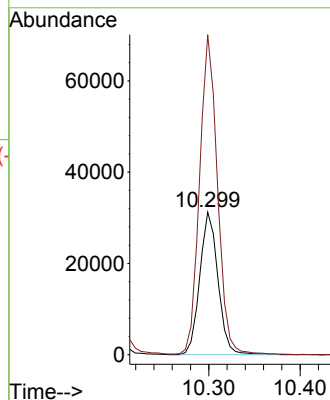
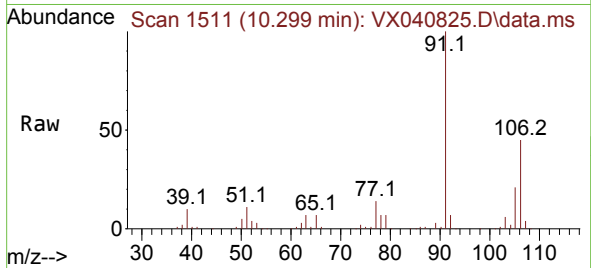




#67
m/p-Xylenes
Concen: 40.026 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

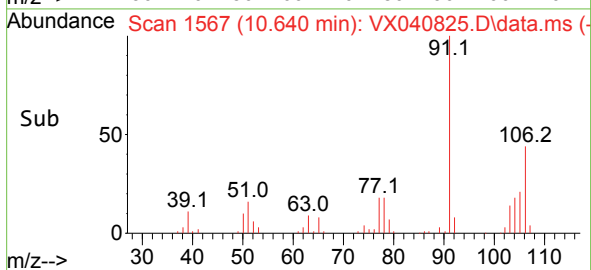
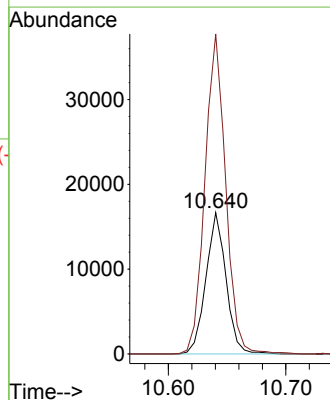
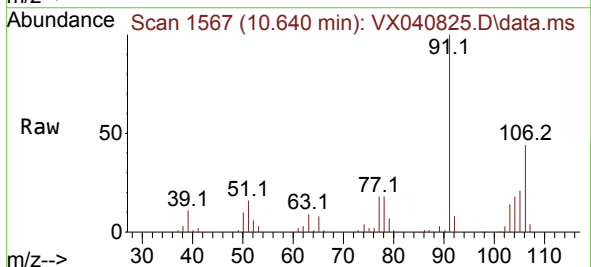
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

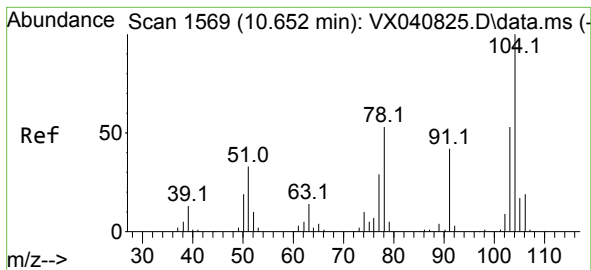
Tgt Ion:106 Resp: 43308
Ion Ratio Lower Upper
106 100
91 221.2 169.4 254.0



#68
o-Xylene
Concen: 19.454 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:106 Resp: 19829
Ion Ratio Lower Upper
106 100
91 233.4 111.2 333.6





#69

Styrene

Concen: 19.282 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

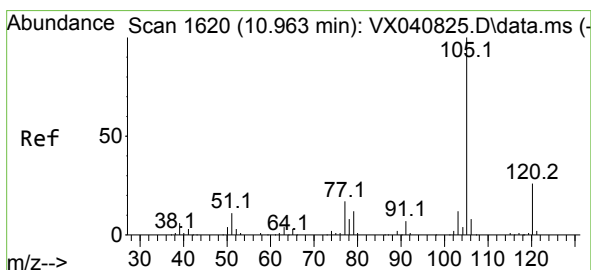
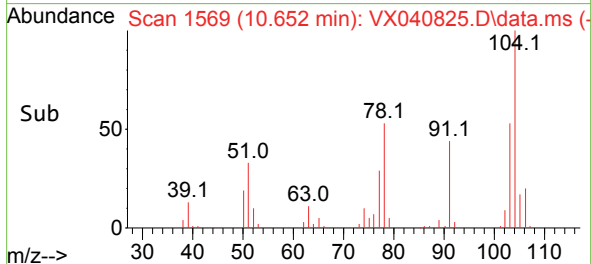
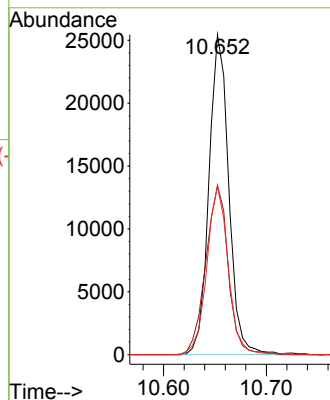
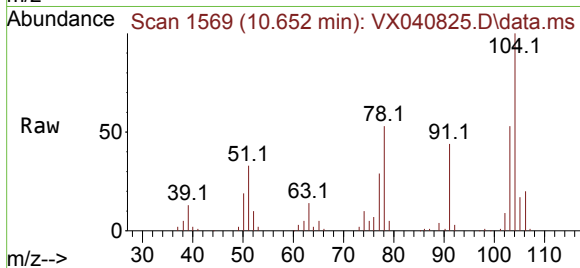
Tgt Ion:104 Resp: 34104

Ion Ratio Lower Upper

104 100

78 59.9 43.7 65.5

103 56.5 44.6 67.0



#70

Isopropylbenzene

Concen: 19.030 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040825.D

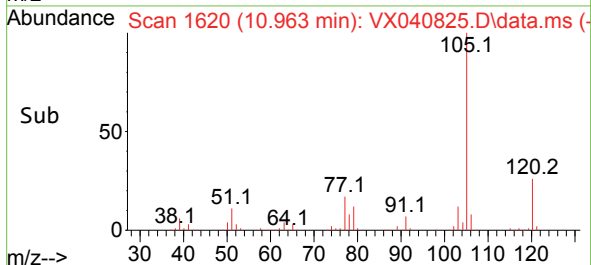
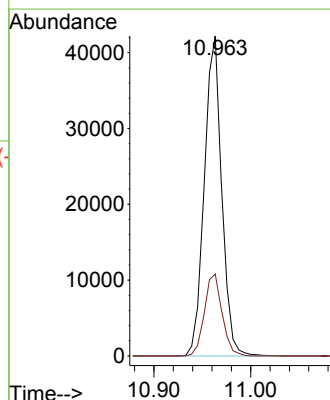
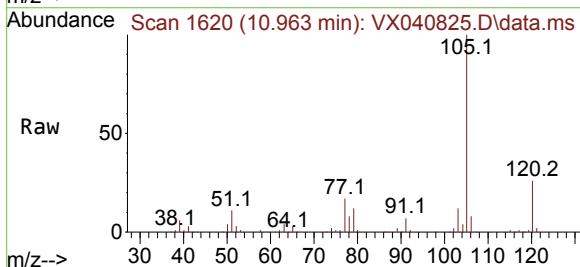
Acq: 28 Mar 2024 16:02

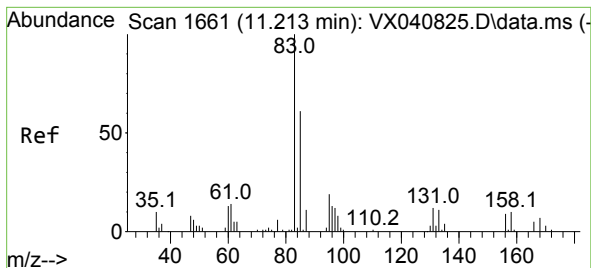
Tgt Ion:105 Resp: 52841

Ion Ratio Lower Upper

105 100

120 26.0 18.5 34.3

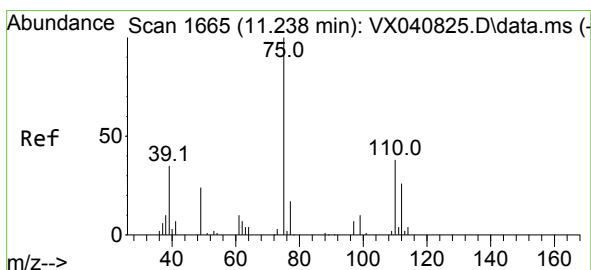
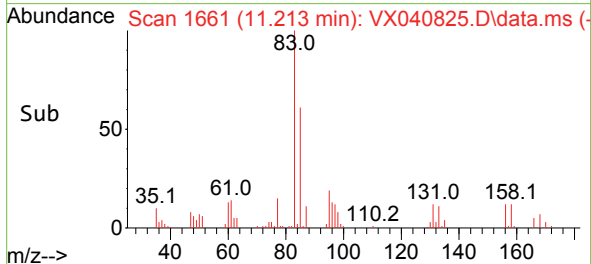
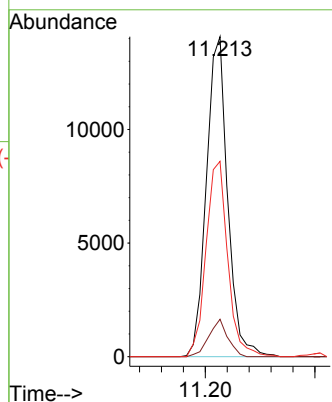
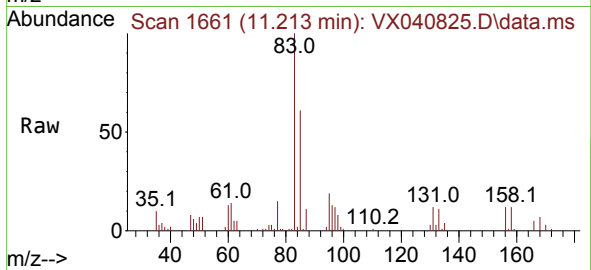




#71
1,1,2,2-Tetrachloroethane
Concen: 19.591 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

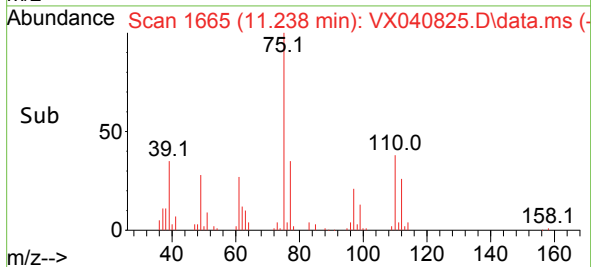
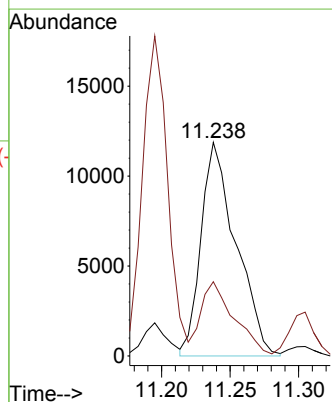
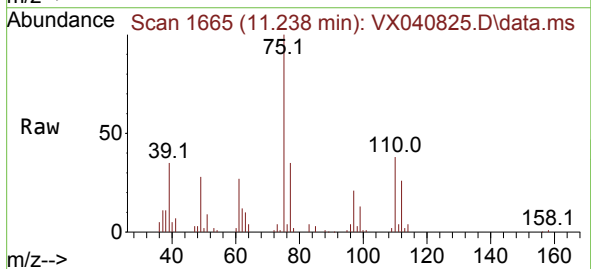
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

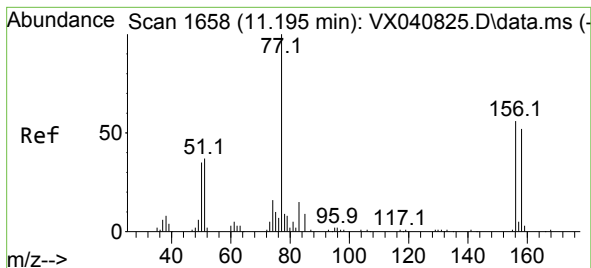
Tgt Ion: 83 Resp: 18892
Ion Ratio Lower Upper
83 100
131 10.5 4.6 13.8
85 62.5 32.5 97.4



#72
1,2,3-Trichloropropane
Concen: 25.875 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 75 Resp: 21125
Ion Ratio Lower Upper
75 100
77 33.3 0.0 76.4





#73

Bromobenzene

Concen: 19.927 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

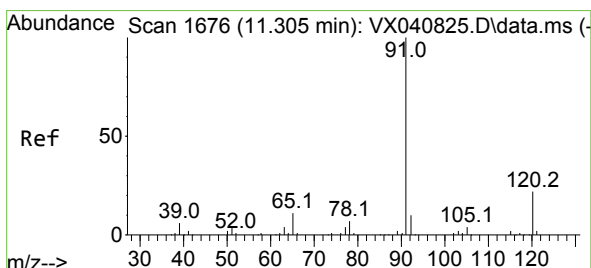
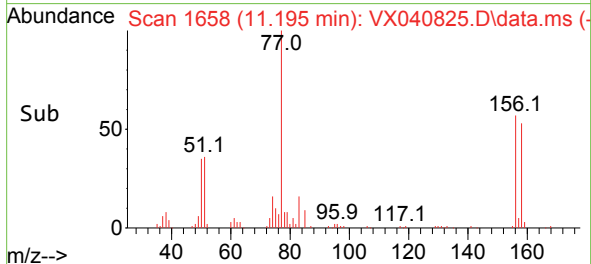
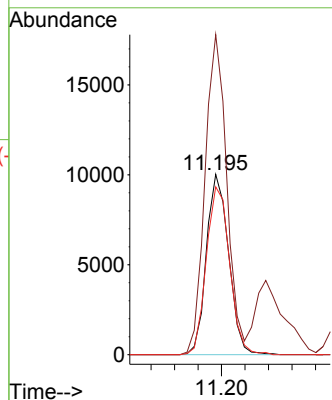
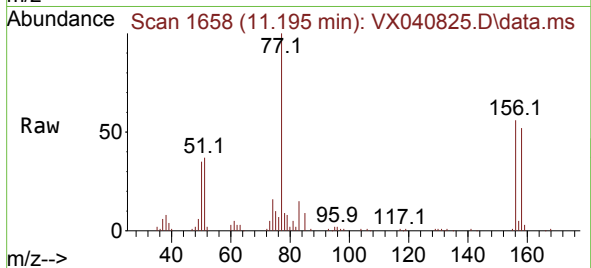
Tgt Ion:156 Resp: 13194

Ion Ratio Lower Upper

156 100

77 173.1 0.0 363.2

158 97.4 0.0 197.8



#74

n-propylbenzene

Concen: 19.668 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040825.D

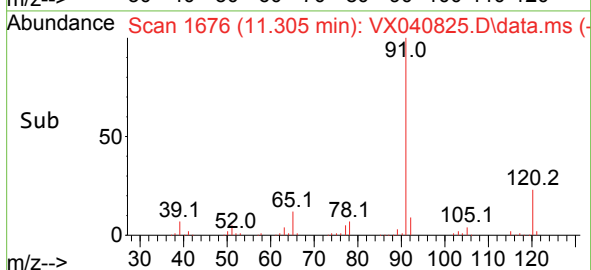
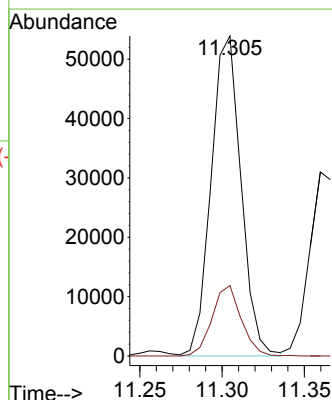
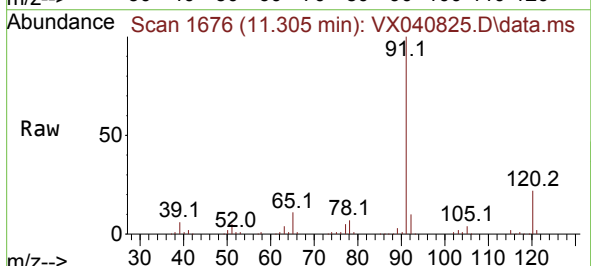
Acq: 28 Mar 2024 16:02

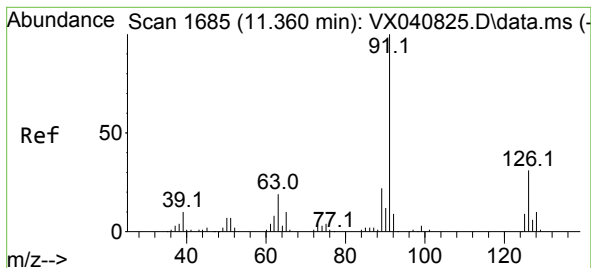
Tgt Ion: 91 Resp: 68178

Ion Ratio Lower Upper

91 100

120 21.4 0.0 43.4





#75

2-Chlorotoluene

Concen: 19.946 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

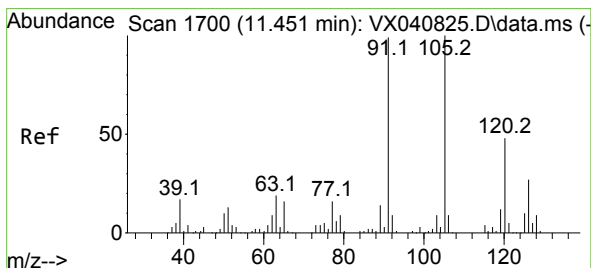
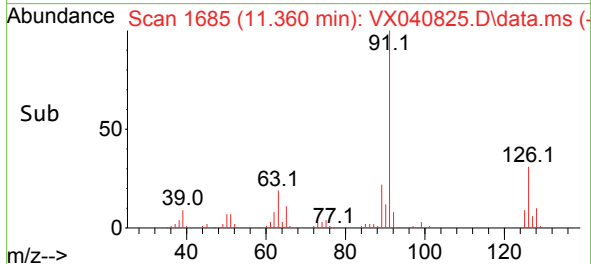
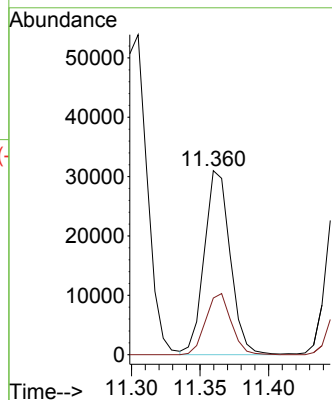
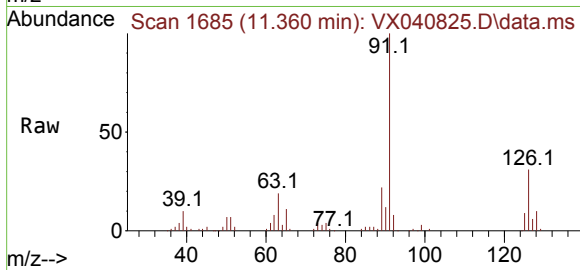
VSTDICCC020

Tgt Ion: 91 Resp: 40883

Ion Ratio Lower Upper

91 100

126 32.6 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 19.709 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040825.D

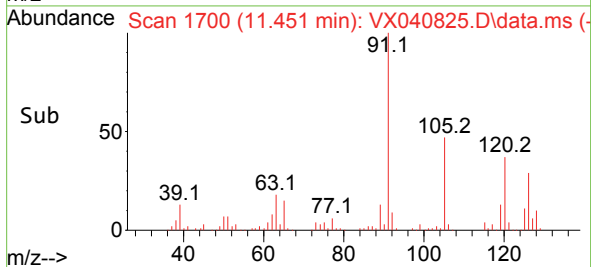
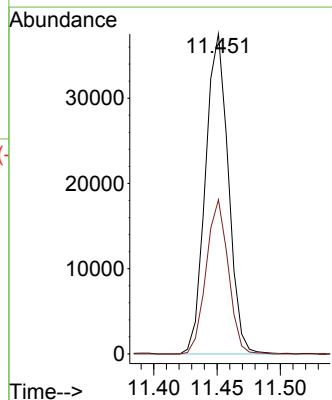
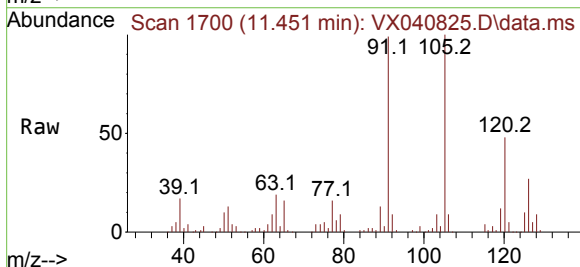
Acq: 28 Mar 2024 16:02

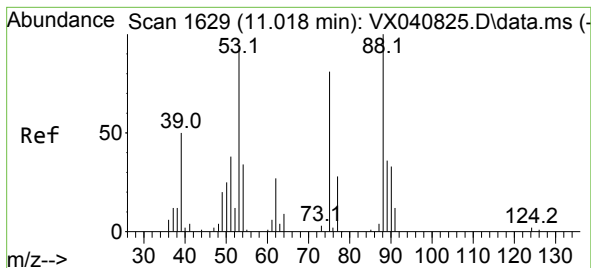
Tgt Ion: 105 Resp: 47357

Ion Ratio Lower Upper

105 100

120 46.5 0.0 92.6

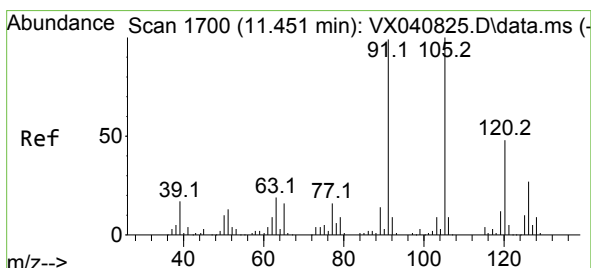
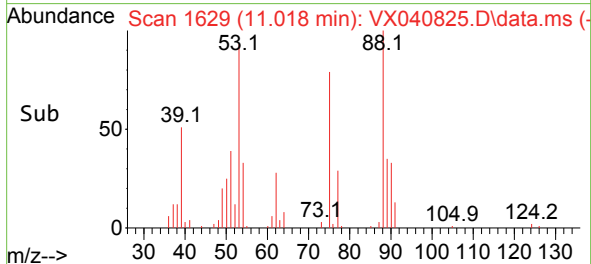
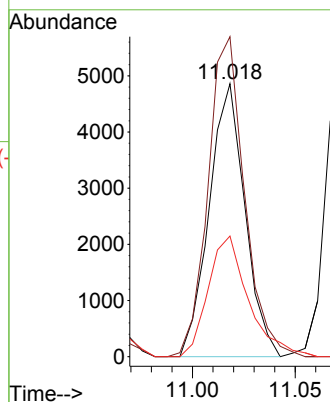
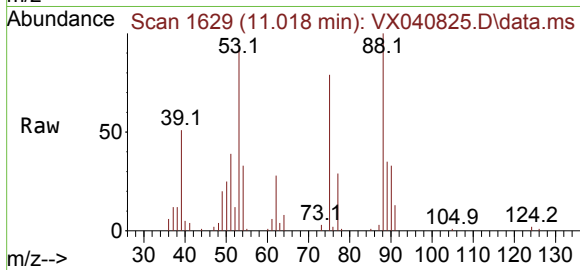




#77
t-1,4-Dichloro-2-butene
Concen: 18.109 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

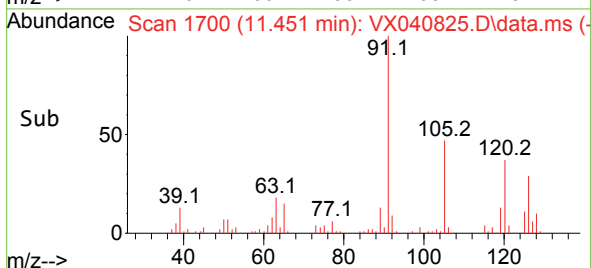
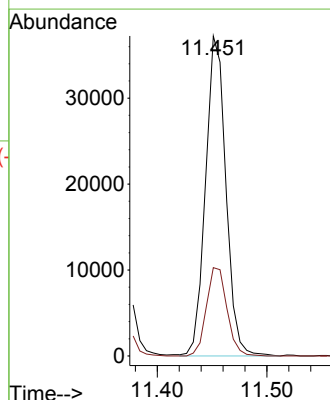
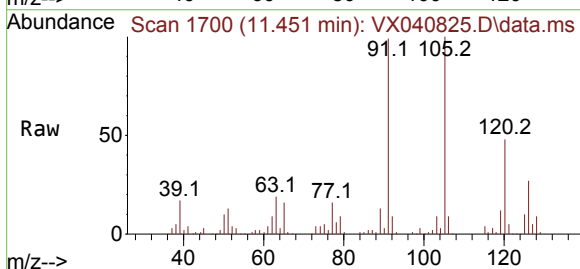
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

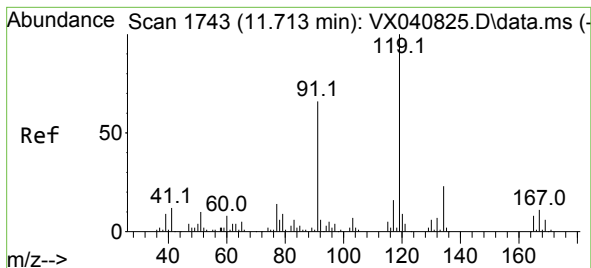
Tgt Ion: 75 Resp: 5882
Ion Ratio Lower Upper
75 100
53 115.8 46.9 140.8
89 44.2 21.3 63.7



#78
4-Chlorotoluene
Concen: 19.718 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 91 Resp: 48031
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





#79

tert-butylbenzene

Concen: 20.068 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

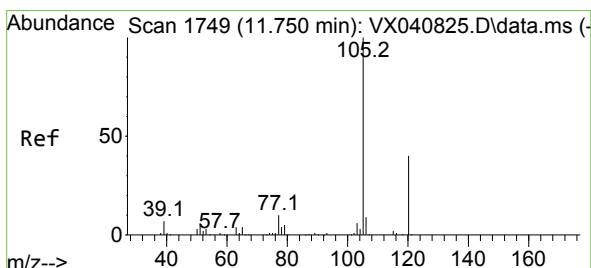
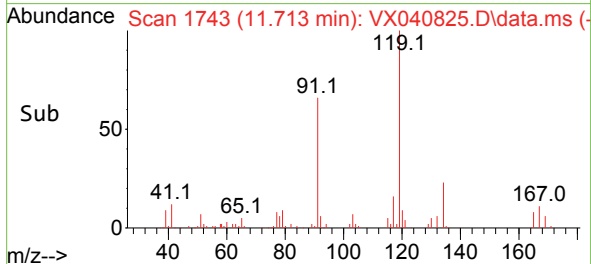
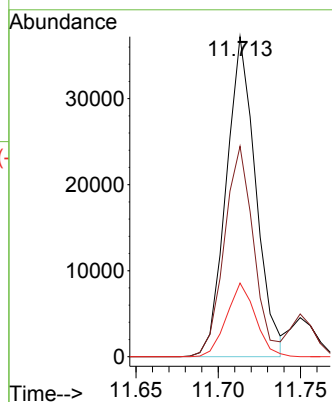
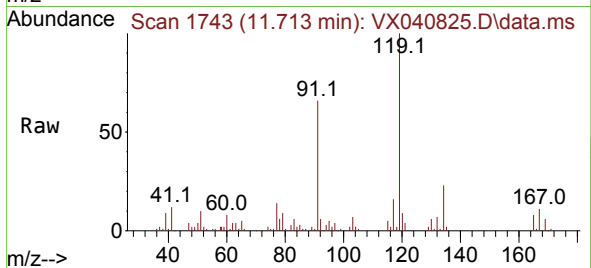
Tgt Ion:119 Resp: 46401

Ion Ratio Lower Upper

119 100

91 65.6 0.0 125.6

134 22.5 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 19.998 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040825.D

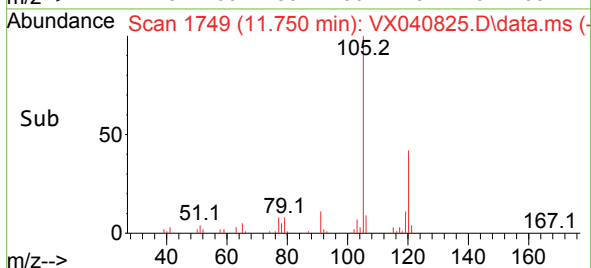
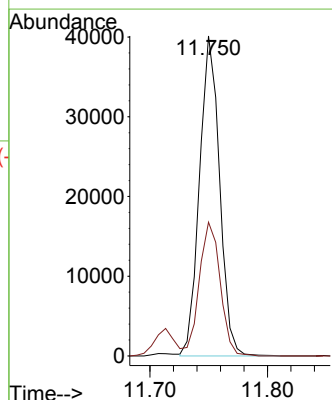
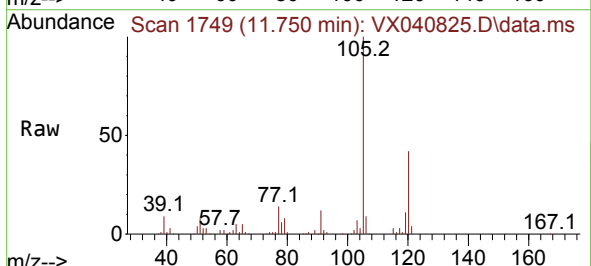
Acq: 28 Mar 2024 16:02

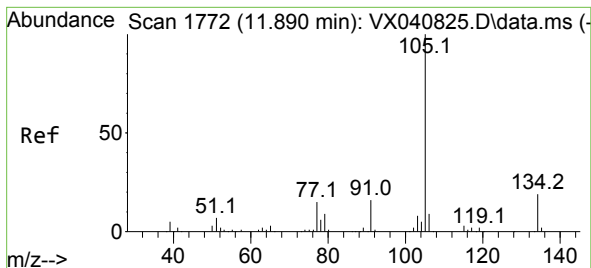
Tgt Ion:105 Resp: 47617

Ion Ratio Lower Upper

105 100

120 42.6 0.0 86.4





#81

sec-Butylbenzene

Concen: 19.865 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

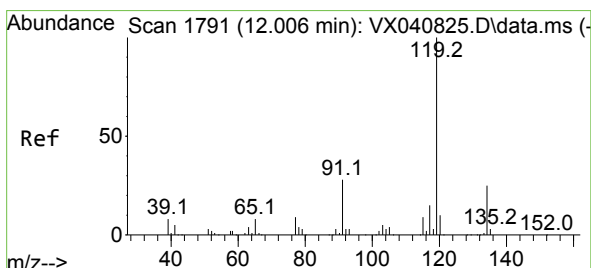
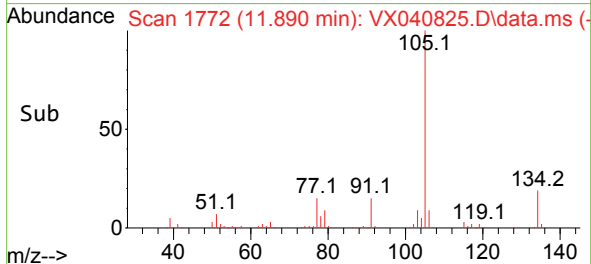
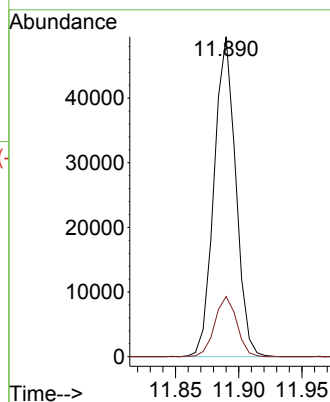
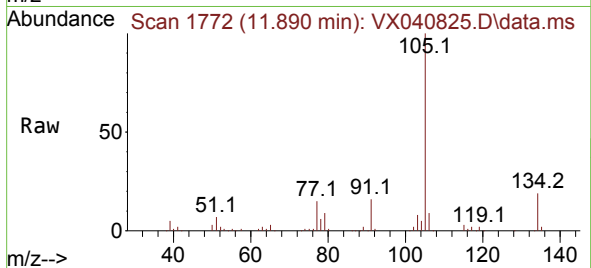
VSTDICCC020

Tgt Ion:105 Resp: 58897

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.4



#82

p-Isopropyltoluene

Concen: 19.627 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

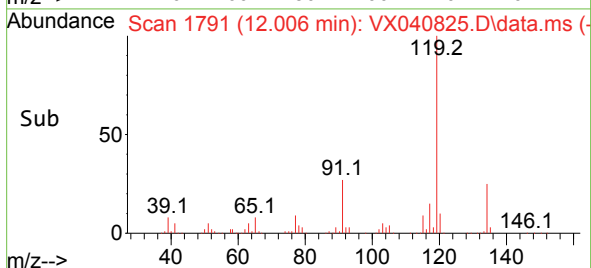
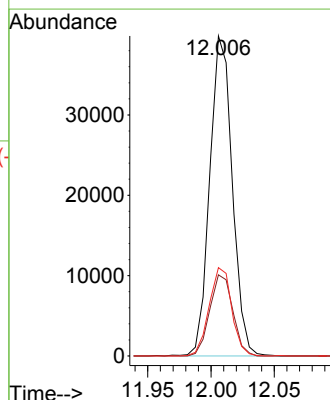
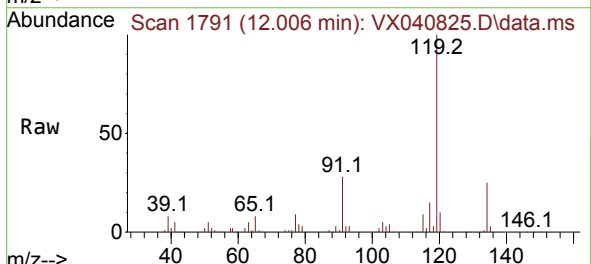
Tgt Ion:119 Resp: 49274

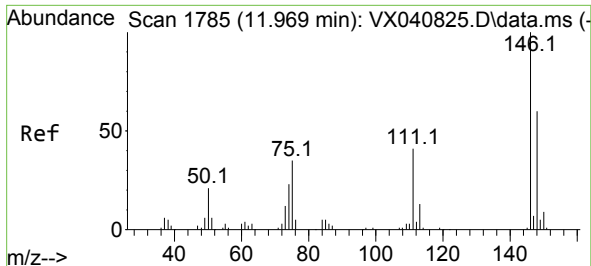
Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.6

91 27.7 0.0 54.2

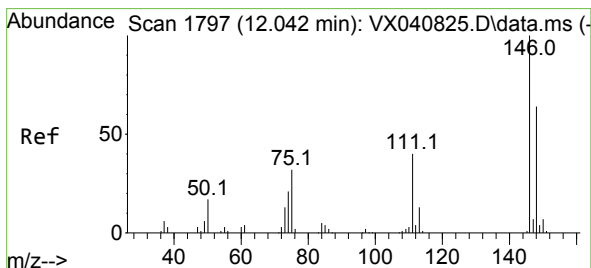
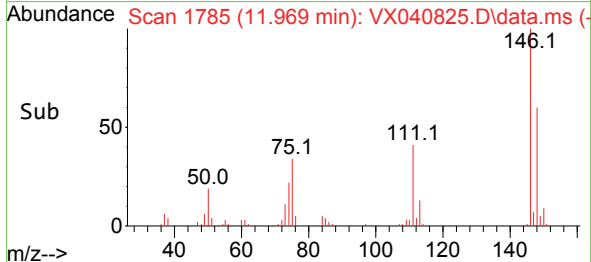
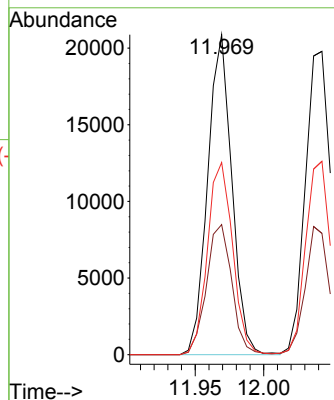
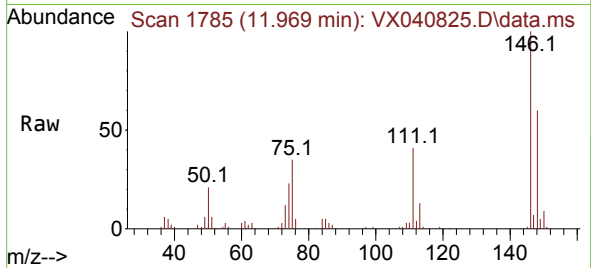




#83
1,3-Dichlorobenzene
Concen: 19.956 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

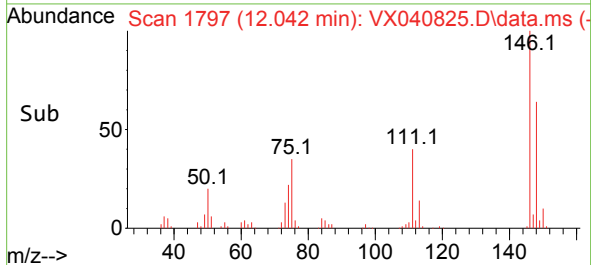
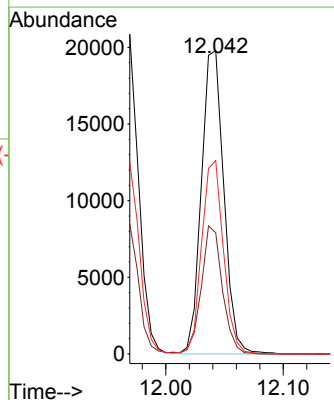
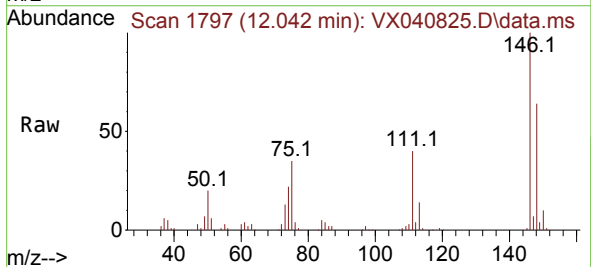
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

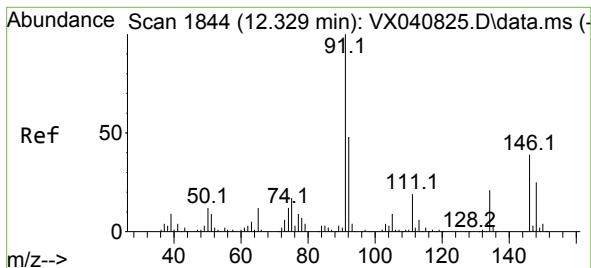
Tgt Ion:146 Resp: 25657
Ion Ratio Lower Upper
146 100
111 42.8 22.3 66.9
148 62.6 32.8 98.3



#84
1,4-Dichlorobenzene
Concen: 19.840 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:146 Resp: 26286
Ion Ratio Lower Upper
146 100
111 39.5 21.4 64.2
148 61.9 31.8 95.4





#85

n-Butylbenzene

Concen: 19.191 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040825.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

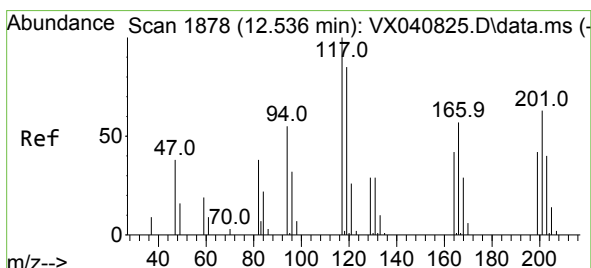
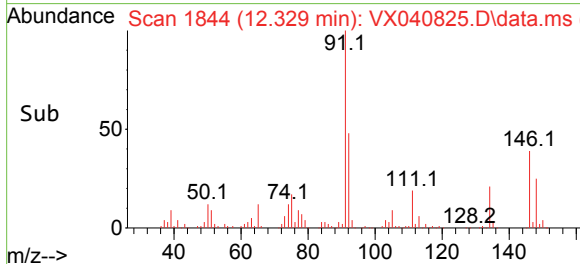
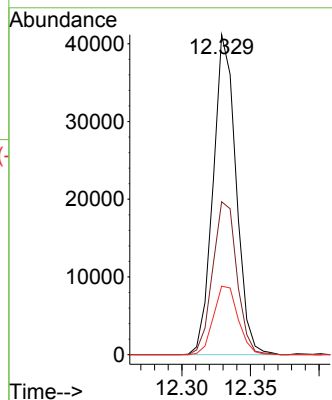
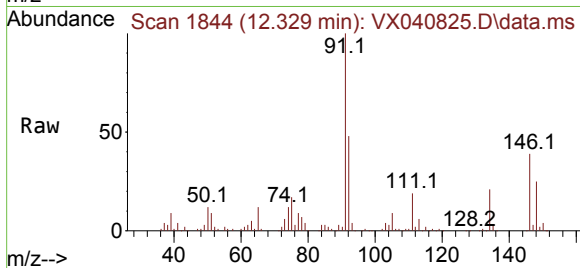
Tgt Ion: 91 Resp: 47913

Ion Ratio Lower Upper

91 100

92 50.4 0.0 106.2

134 23.0 0.0 48.8



#86

Hexachloroethane

Concen: 19.131 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040825.D

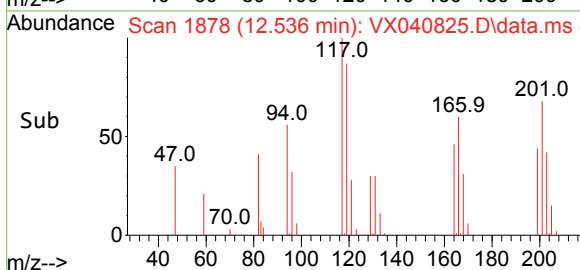
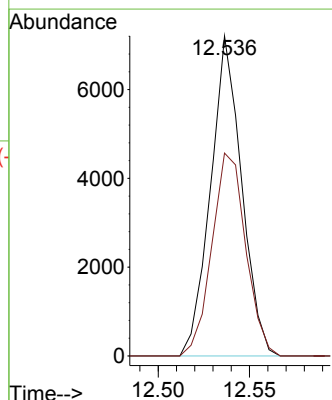
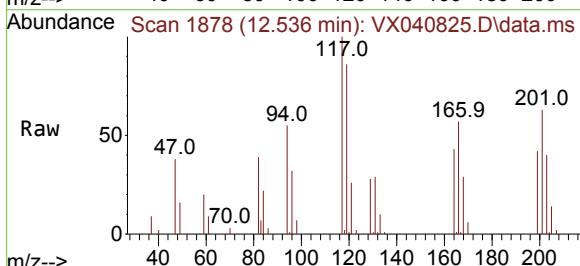
Acq: 28 Mar 2024 16:02

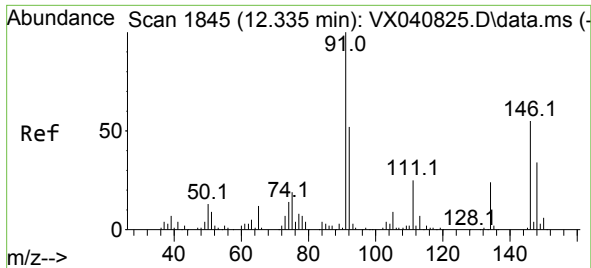
Tgt Ion: 117 Resp: 8533

Ion Ratio Lower Upper

117 100

201 69.1 31.8 95.3

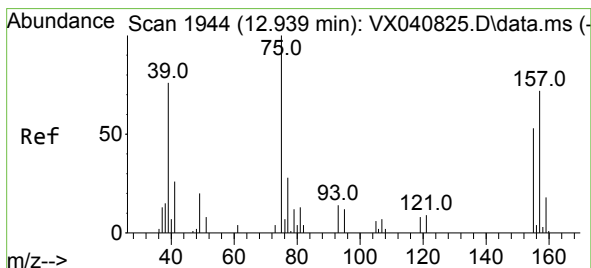
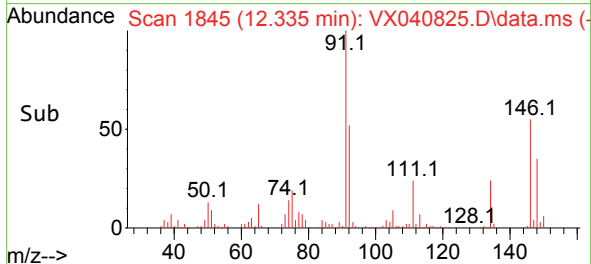
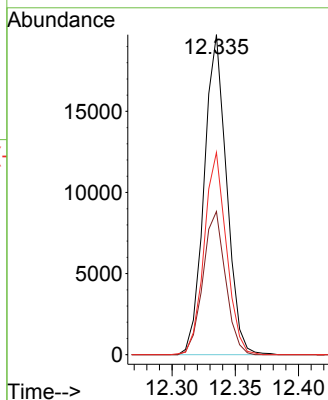
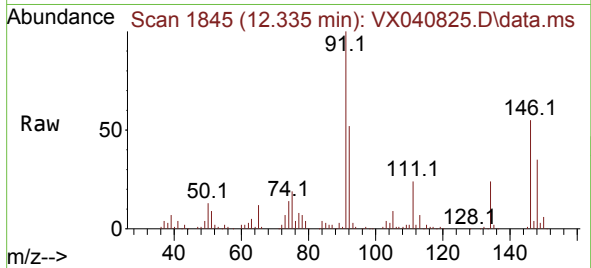




#87
1,2-Dichlorobenzene
Concen: 19.620 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

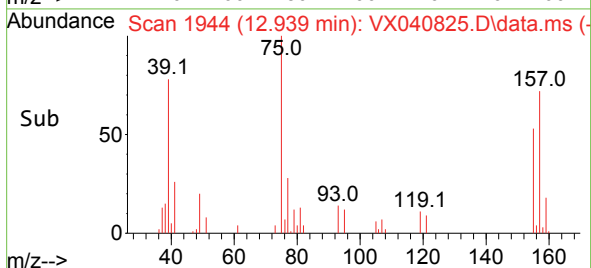
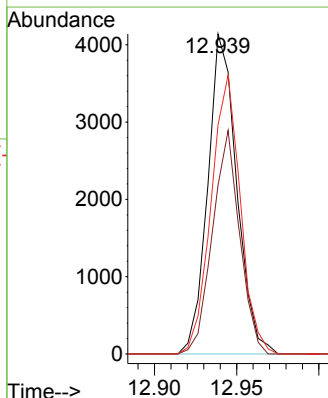
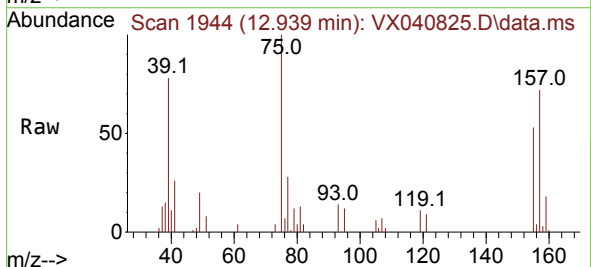
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

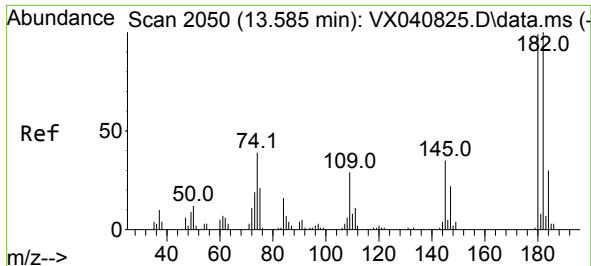
Tgt Ion:146 Resp: 24399
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.2
148 62.5 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.443 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 75 Resp: 5074
Ion Ratio Lower Upper
75 100
155 65.4 58.2 87.4
157 87.8 76.5 114.7

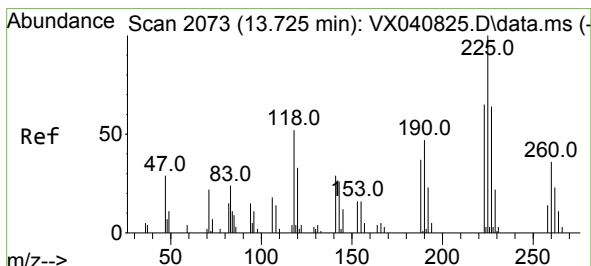
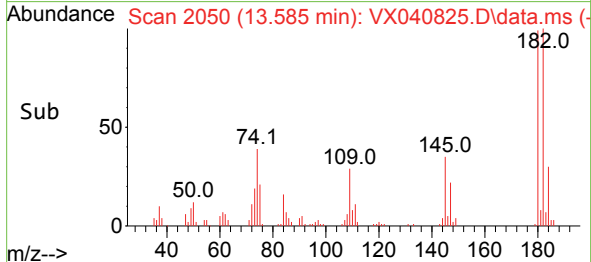
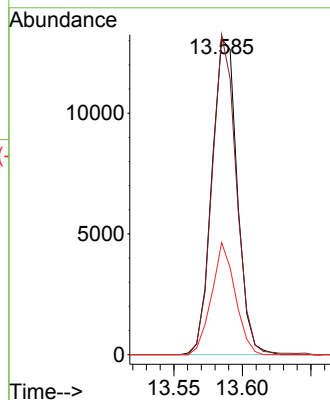
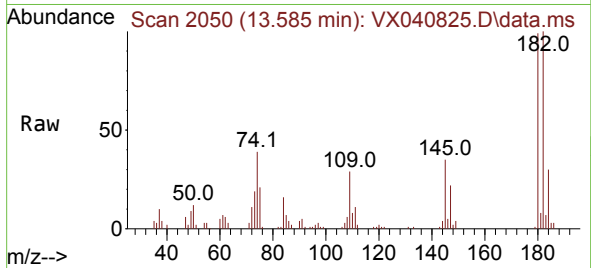




#89
 1,2,4-Trichlorobenzene
 Concen: 19.302 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

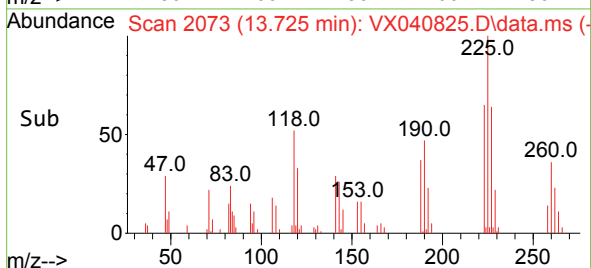
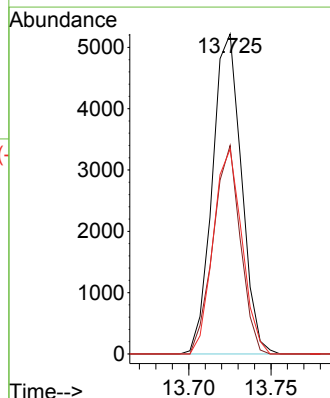
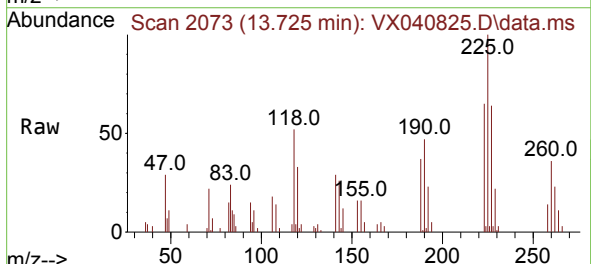
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

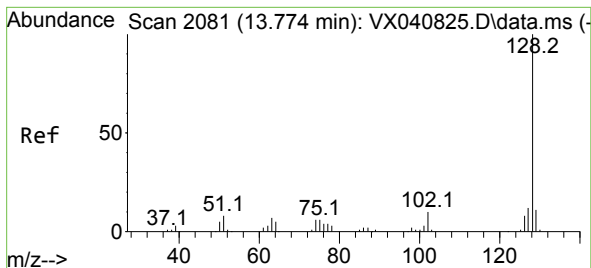
Tgt Ion:180 Resp: 16746
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.5 111.7
 145 33.1 26.6 40.0



#90
 Hexachlorobutadiene
 Concen: 19.734 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX040825.D
 Acq: 28 Mar 2024 16:02

Tgt Ion:225 Resp: 6421
 Ion Ratio Lower Upper
 225 100
 223 60.9 0.0 124.4
 227 63.1 0.0 124.4

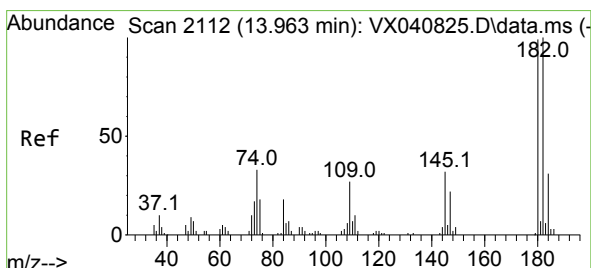
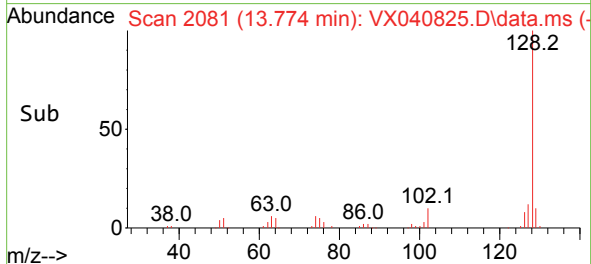
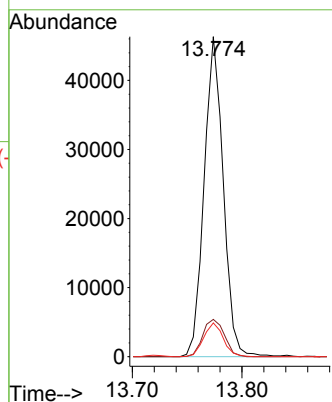
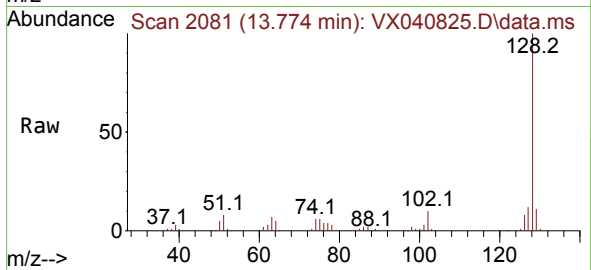




#91
Naphthalene
Concen: 19.343 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 56126
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 19.717 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040825.D
Acq: 28 Mar 2024 16:02

Tgt Ion:180 Resp: 16306
Ion Ratio Lower Upper
180 100
182 98.6 0.0 191.6
145 34.4 0.0 69.6

