

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040224\
 Data File : VX040851.D
 Acq On : 02 Apr 2024 09:28
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 03 00:56:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	55849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	92492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44973	44.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.760%
35) Dibromofluoromethane	5.379	113	31292	47.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	111961	47.296	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.600%
62) 4-Bromofluorobenzene	11.079	95	44572	47.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36123	47.719	ug/l	97
3) Chloromethane	1.301	50	33724	51.569	ug/l	99
4) Vinyl Chloride	1.374	62	35784	53.009	ug/l	100
5) Bromomethane	1.599	94	24416	58.792	ug/l	96
6) Chloroethane	1.685	64	20996	48.250	ug/l	93
7) Trichlorofluoromethane	1.886	101	61202	47.362	ug/l	98
8) Diethyl Ether	2.130	74	18434	44.144	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	31787	47.715	ug/l	97
10) Methyl Iodide	2.453	142	38427	47.551	ug/l	100
11) Tert butyl alcohol	2.953	59	38842	212.308	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	28819	46.124	ug/l	99
13) Acrolein	2.233	56	22726	227.562	ug/l	100
14) Allyl chloride	2.666	41	52833	47.203	ug/l	91
15) Acrylonitrile	3.062	53	89680	232.369	ug/l	99
16) Acetone	2.374	43	92092	236.679	ug/l	96
17) Carbon Disulfide	2.514	76	80852	44.731	ug/l	100
18) Methyl Acetate	2.703	43	39940	43.266	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	100955	45.903	ug/l	99
20) Methylene Chloride	2.788	84	31468	43.640	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	30183	45.736	ug/l	97
22) Diisopropyl ether	3.757	45	102613	47.109	ug/l	99
23) Vinyl Acetate	3.721	43	502039	240.474	ug/l	99
24) 1,1-Dichloroethane	3.605	63	57634	46.313	ug/l	99
25) 2-Butanone	4.550	43	133313	230.643	ug/l	99
26) 2,2-Dichloropropane	4.471	77	50422	47.193	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	34892	45.786	ug/l	96
28) Bromochloromethane	4.898	49	25764	46.044	ug/l	98
29) Tetrahydrofuran	4.995	42	86150	229.313	ug/l	99
30) Chloroform	5.093	83	63323	46.749	ug/l	95
31) Cyclohexane	5.465	56	49051	46.128	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	56771	47.165	ug/l	97
36) 1,1-Dichloropropene	5.690	75	43694	46.940	ug/l	99
37) Ethyl Acetate	4.709	43	52653	46.064	ug/l	98
38) Carbon Tetrachloride	5.678	117	49847	48.372	ug/l	95
39) Methylcyclohexane	7.379	83	53091	47.734	ug/l	98
40) Benzene	6.038	78	123761	47.903	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 00:56:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	28497	48.545	ug/l	98
42) 1,2-Dichloroethane	6.086	62	52911	47.153	ug/l	96
43) Isopropyl Acetate	6.336	43	83620	47.371	ug/l	97
44) Trichloroethene	7.123	130	31005	48.050	ug/l	87
45) 1,2-Dichloropropane	7.428	63	30354	49.216	ug/l	99
46) Dibromomethane	7.580	93	24334	48.137	ug/l	99
47) Bromodichloromethane	7.818	83	50231	47.758	ug/l	98
48) Methyl methacrylate	7.690	41	41957	48.538	ug/l	93
49) 1,4-Dioxane	7.653	88	15985	969.053	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	279413	238.631	ug/l	96
52) Toluene	8.714	92	76247	46.772	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	49899	46.149	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	52071	49.929	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	30215	47.494	ug/l	97
56) Ethyl methacrylate	9.116	69	54024	49.453	ug/l	92
57) 1,3-Dichloropropane	9.305	76	53109	47.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	126904	239.625	ug/l	96
59) 2-Hexanone	9.427	43	223801	238.323	ug/l	95
60) Dibromochloromethane	9.519	129	37141	48.904	ug/l	98
61) 1,2-Dibromoethane	9.604	107	32671	47.599	ug/l	99
64) Tetrachloroethene	9.269	164	26874	47.945	ug/l	97
65) Chlorobenzene	10.073	112	88165	47.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	30424	49.480	ug/l	99
67) Ethyl Benzene	10.189	91	159145	48.174	ug/l	97
68) m/p-Xylenes	10.299	106	118587	98.659	ug/l	93
69) o-Xylene	10.640	106	56186	49.618	ug/l	90
70) Styrene	10.653	104	98925	50.414	ug/l	96
71) Bromoform	10.799	173	26016	47.891	ug/l #	99
73) Isopropylbenzene	10.957	105	153675	49.032	ug/l	99
74) N-amyl acetate	10.842	43	79077	49.813	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	50561	47.180	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	60216	62.927	ug/l	89
77) Bromobenzene	11.195	156	35728	48.595	ug/l	98
78) n-propylbenzene	11.305	91	190057	48.521	ug/l	98
79) 2-Chlorotoluene	11.360	91	111702	47.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	134634	50.296	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16939	47.760	ug/l	95
82) 4-Chlorotoluene	11.451	91	137276	49.187	ug/l	98
83) tert-Butylbenzene	11.713	119	129603	48.804	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	133742	49.596	ug/l	99
85) sec-Butylbenzene	11.890	105	166984	49.510	ug/l	99
86) p-Isopropyltoluene	12.006	119	140335	49.609	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71296	47.974	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	72689	46.097	ug/l	99
89) n-Butylbenzene	12.329	91	140769	50.371	ug/l	96
90) Hexachloroethane	12.536	117	25190	51.118	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	68688	47.162	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13259	48.149	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	47263	46.810	ug/l	97
94) Hexachlorobutadiene	13.725	225	17746	45.881	ug/l	98
95) Naphthalene	13.774	128	160048	49.230	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	46718	48.501	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

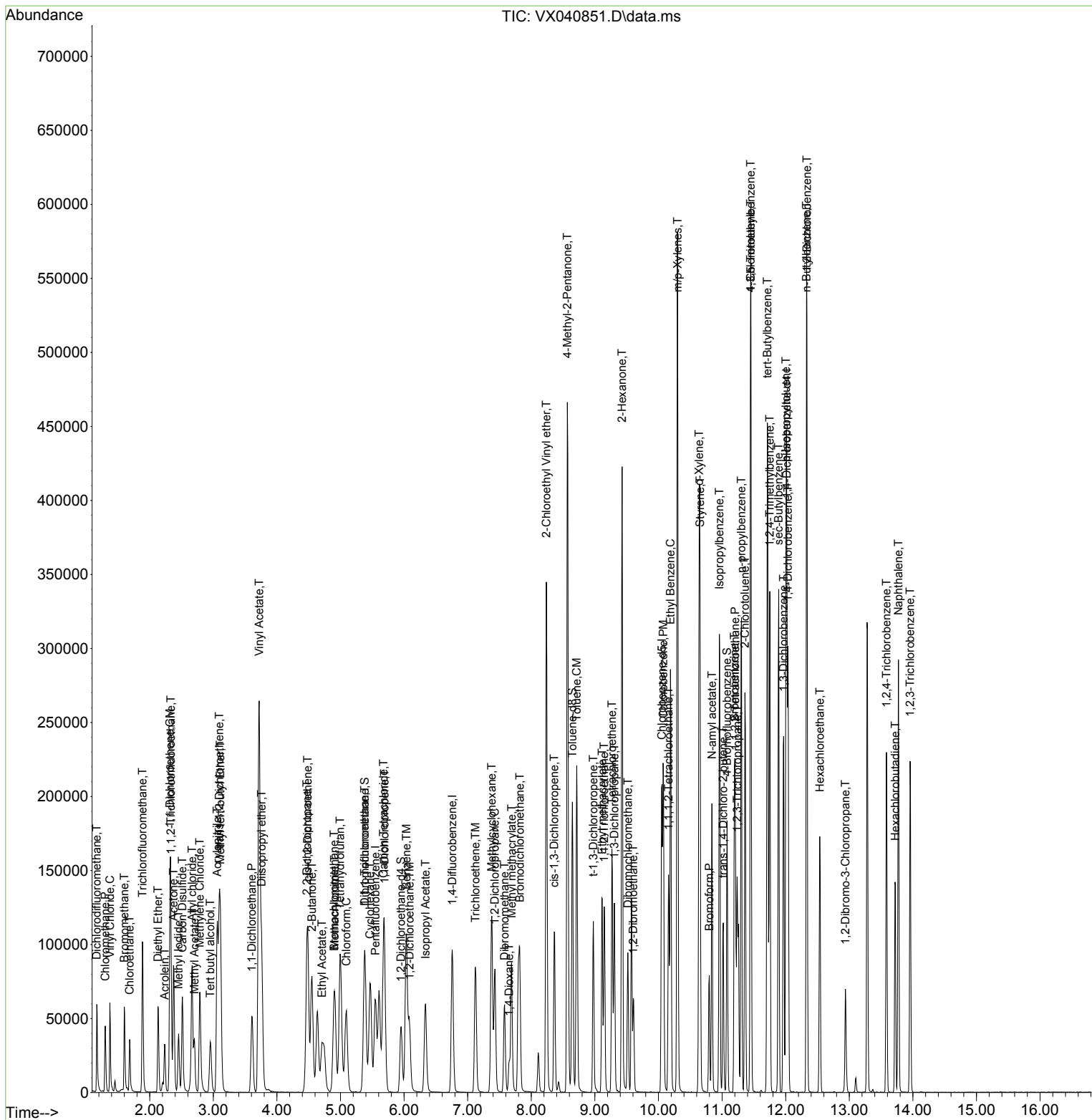
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MSVOA_X
ClientSampleId :
VSTDCCC050

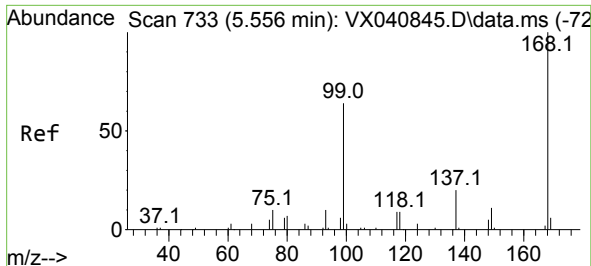
Quant Time: Apr 03 00:56:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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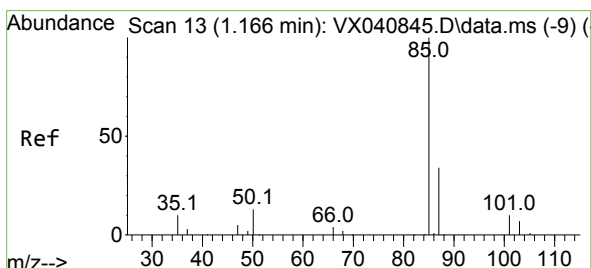
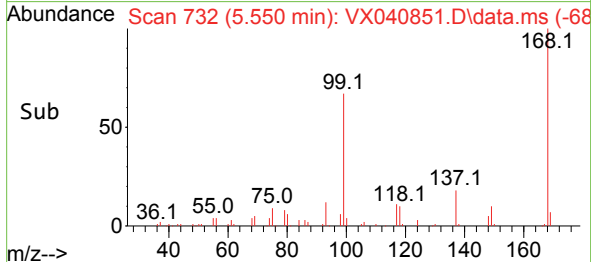
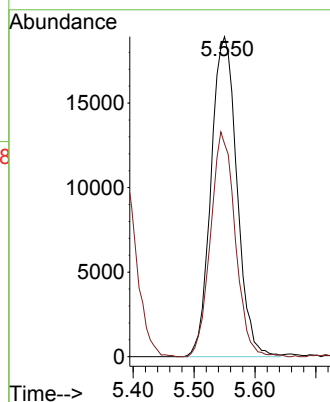
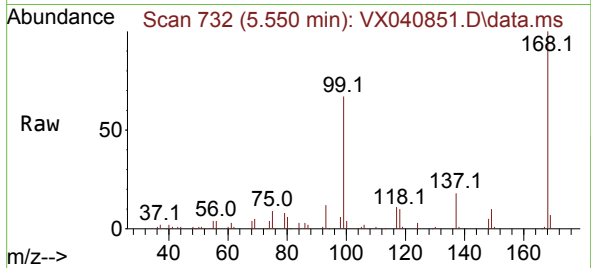




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

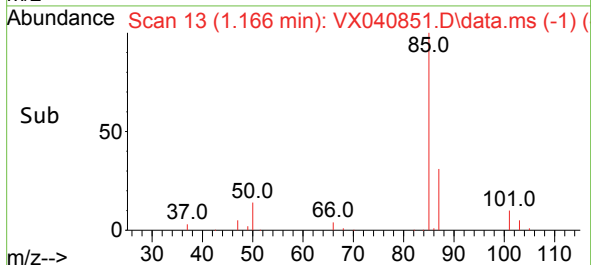
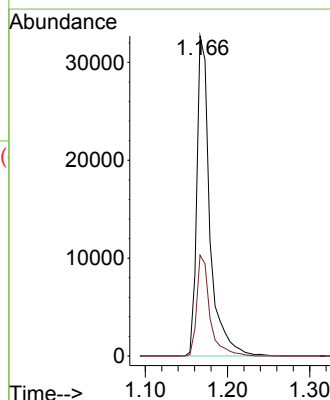
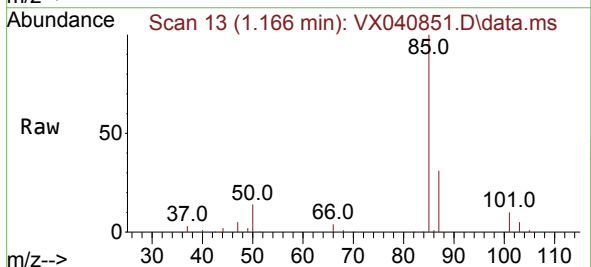
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

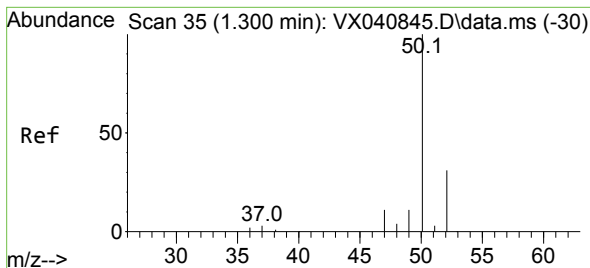
Tgt Ion:168 Resp: 55849
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.719 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 85 Resp: 36123
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3

Chloromethane

Concen: 51.569 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

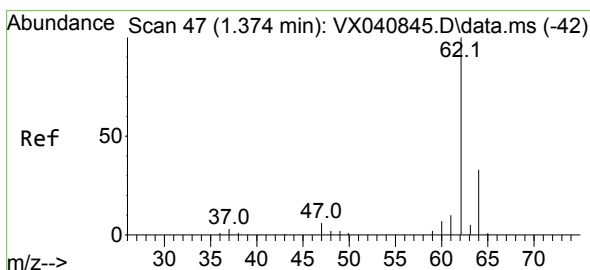
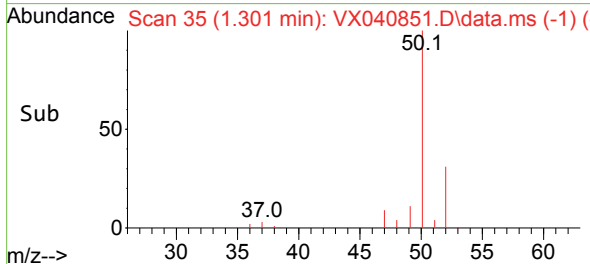
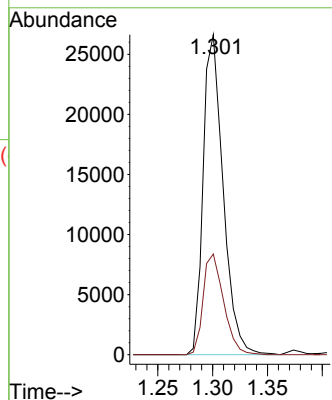
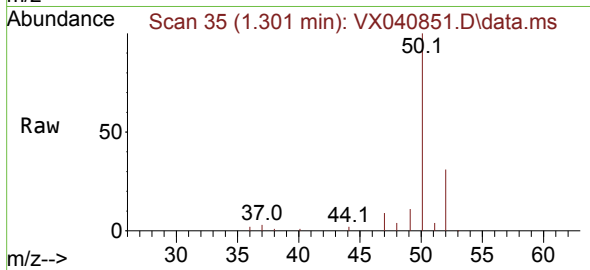
VSTDCCC050

Tgt Ion: 50 Resp: 33724

Ion Ratio Lower Upper

50 100

52 31.4 25.5 38.3



#4

Vinyl Chloride

Concen: 53.009 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040851.D

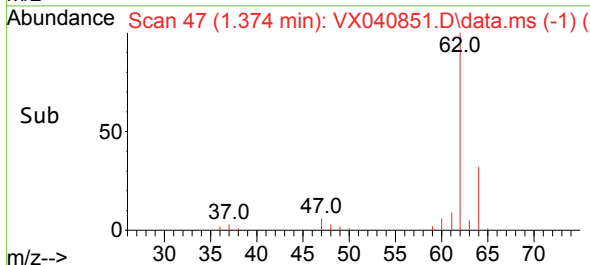
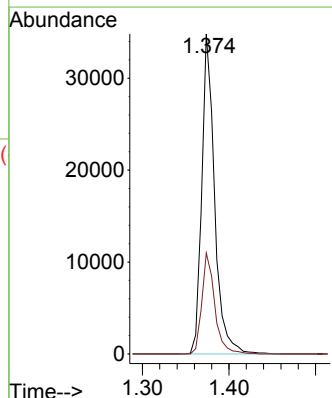
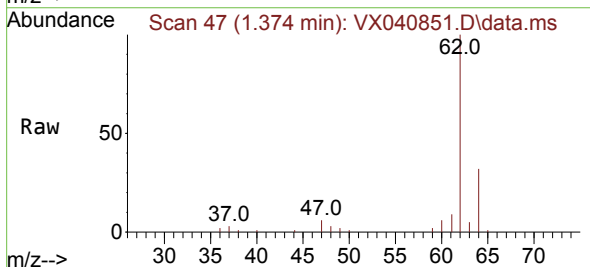
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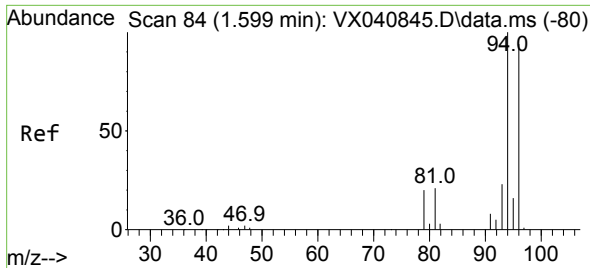
Tgt Ion: 62 Resp: 35784

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0

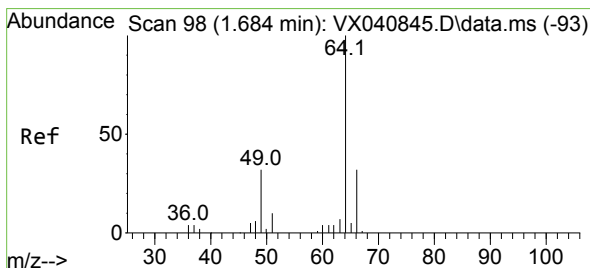
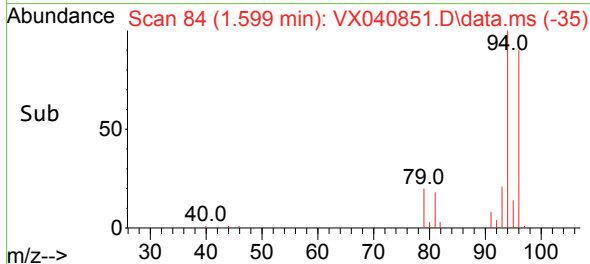
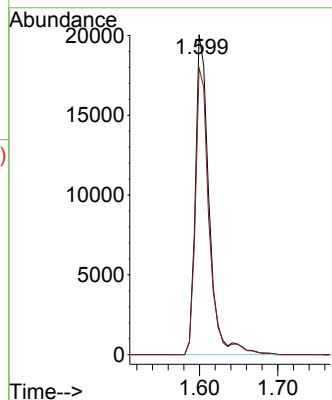
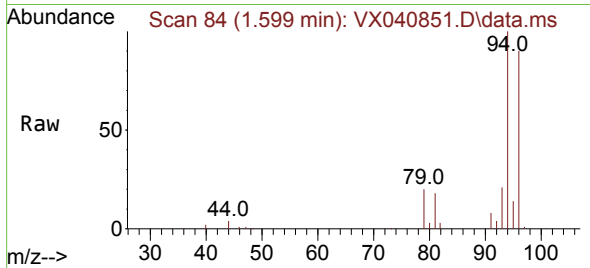




#5
Bromomethane
Concen: 58.792 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

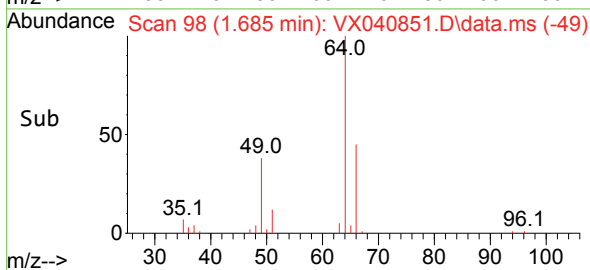
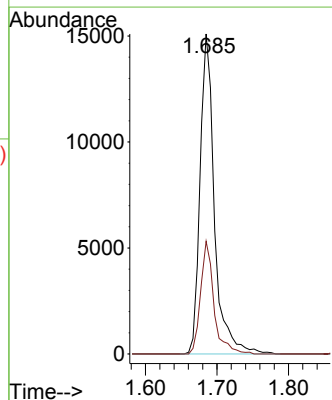
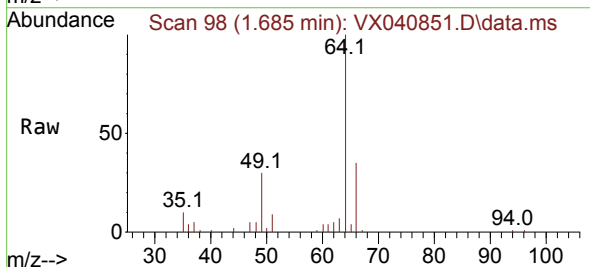
Instrument :
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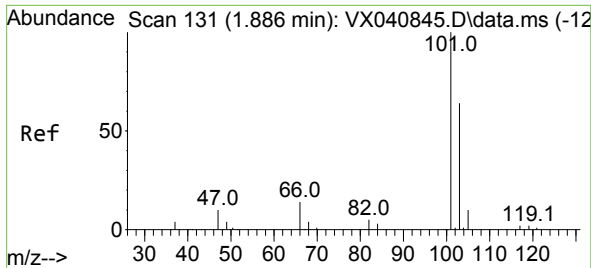
Tgt Ion: 94 Resp: 24416
Ion Ratio Lower Upper
94 100
96 89.6 74.6 111.8



#6
Chloroethane
Concen: 48.250 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 64 Resp: 20996
Ion Ratio Lower Upper
64 100
66 35.2 25.1 37.7

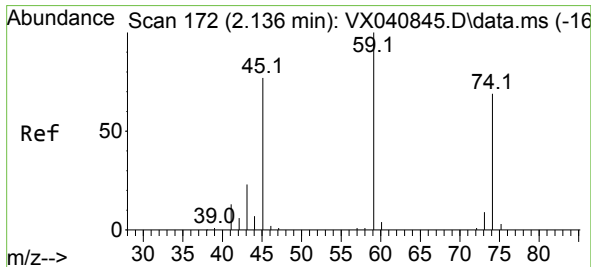
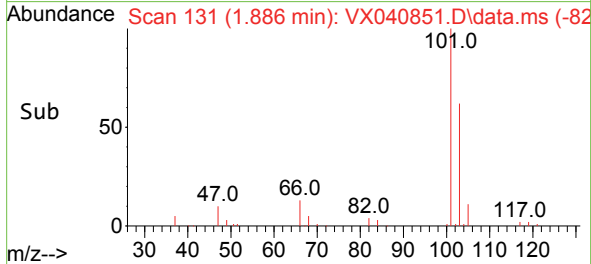
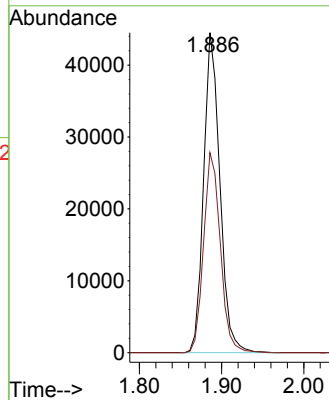
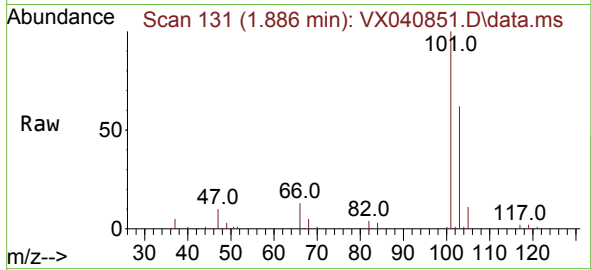




#7
 Trichlorofluoromethane
 Concen: 47.362 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

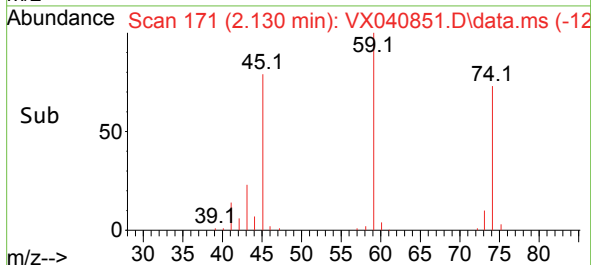
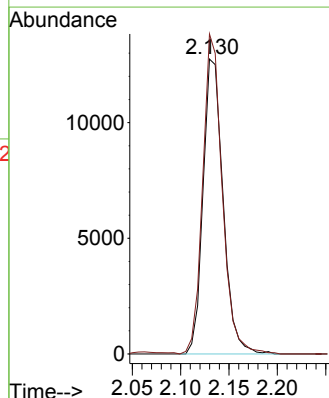
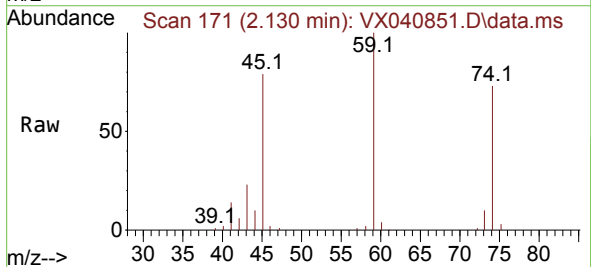
Instrument :
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 ClientSampleId :
 VSTDCCC050

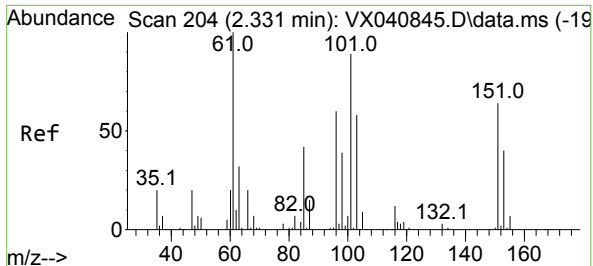
Tgt Ion:101 Resp: 61202
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 44.144 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

Tgt Ion: 74 Resp: 18434
 Ion Ratio Lower Upper
 74 100
 45 105.9 53.3 159.8

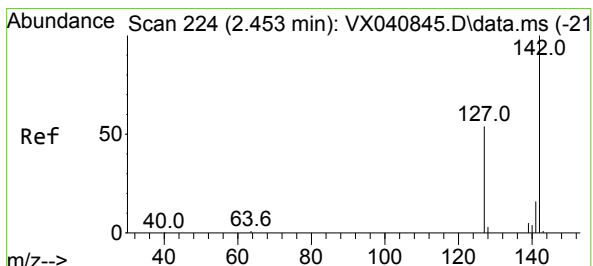
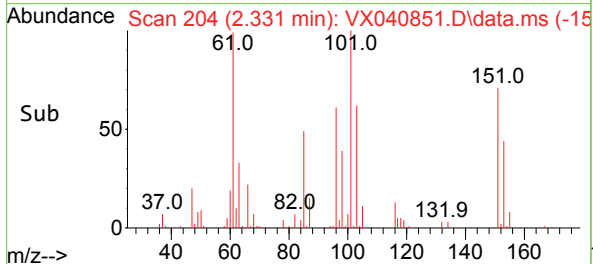
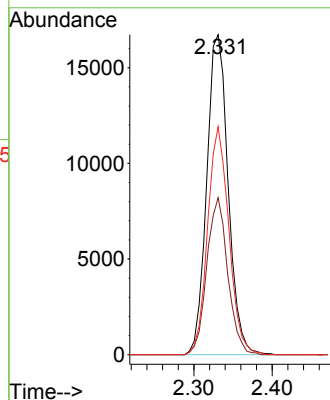
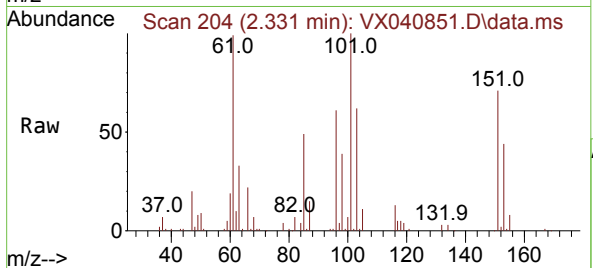




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.715 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

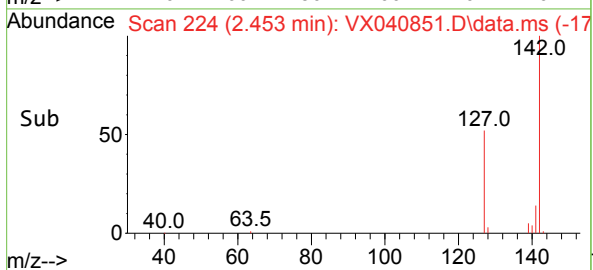
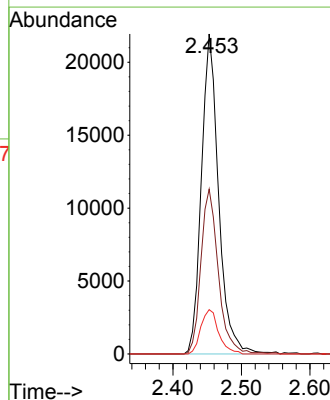
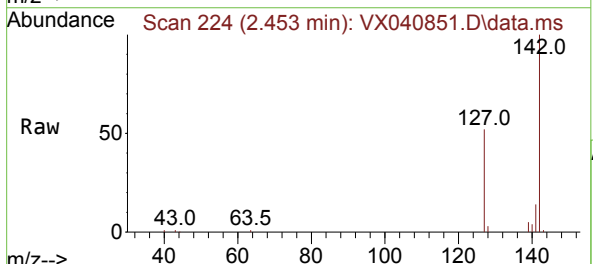
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

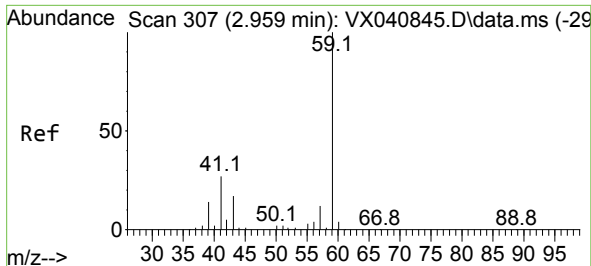
Tgt Ion:101 Resp: 31787
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 70.6 58.6 87.8



#10
Methyl Iodide
Concen: 47.551 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:142 Resp: 38427
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 212.308 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

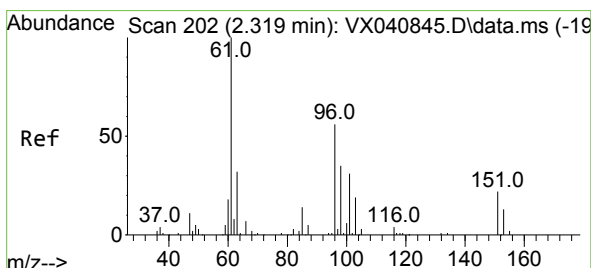
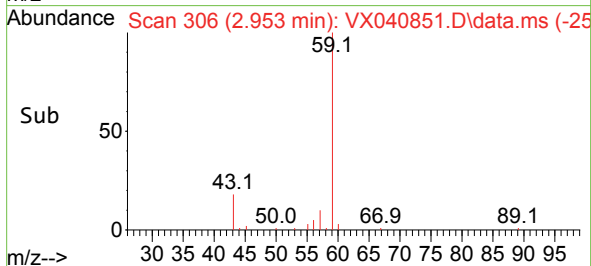
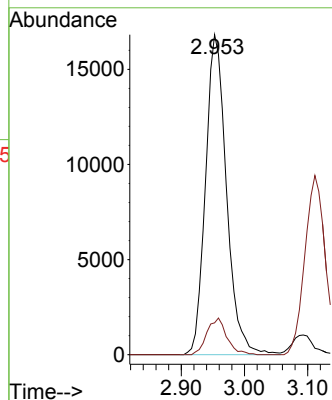
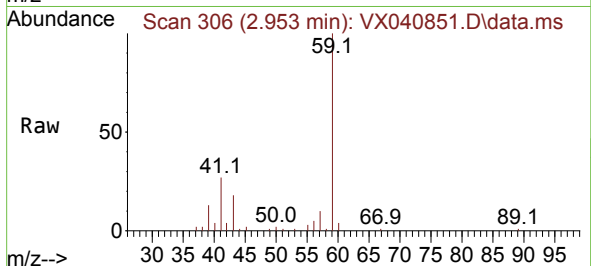
VSTDCCC050

Tgt Ion: 59 Resp: 38842

Ion Ratio Lower Upper

59 100

57 10.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 46.124 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

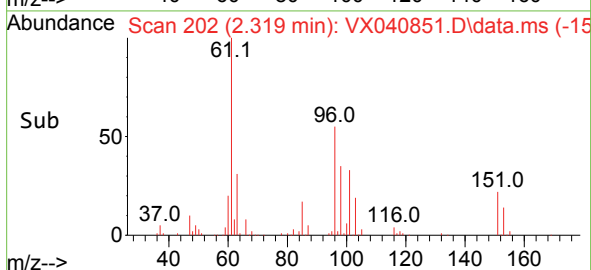
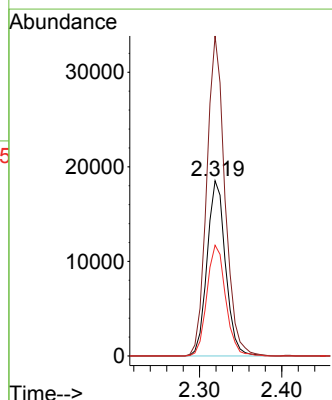
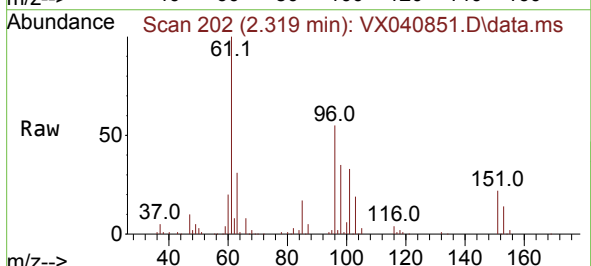
Tgt Ion: 96 Resp: 28819

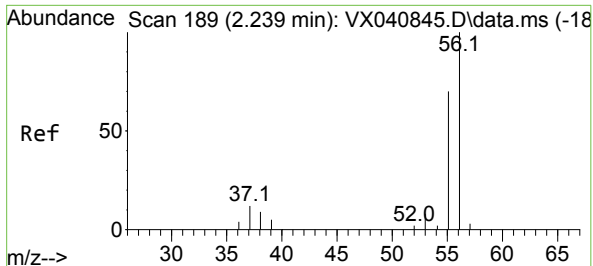
Ion Ratio Lower Upper

96 100

61 182.6 144.6 216.8

98 63.2 50.4 75.6





#13

Acrolein

Concen: 227.562 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

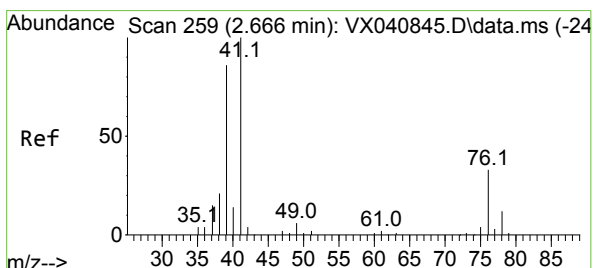
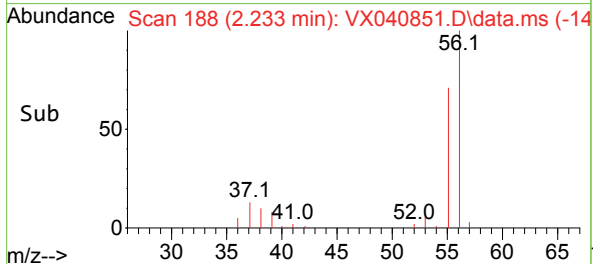
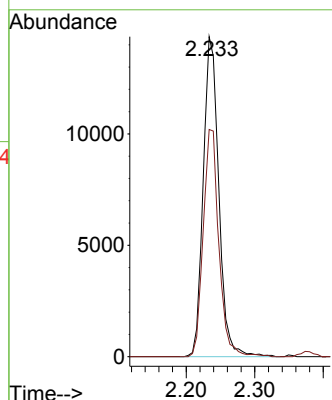
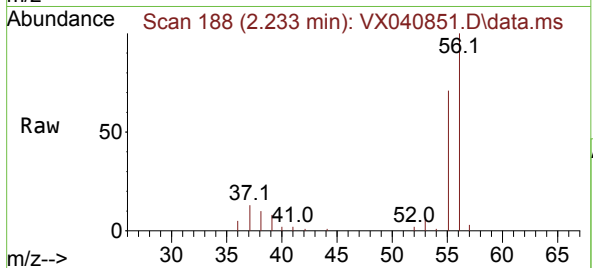
VSTDCCC050

Tgt Ion: 56 Resp: 22726

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



#14

Allyl chloride

Concen: 47.203 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

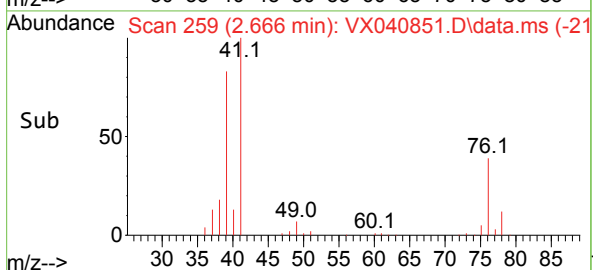
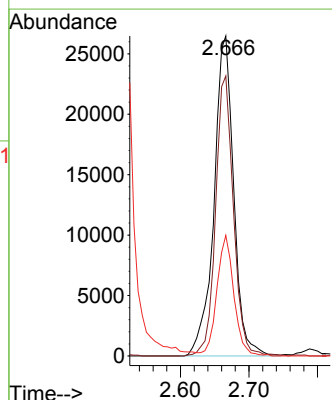
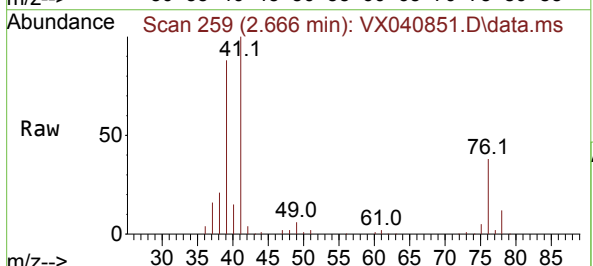
Tgt Ion: 41 Resp: 52833

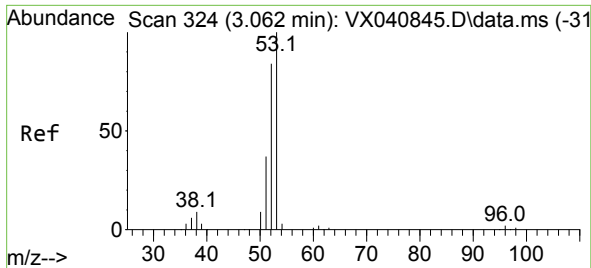
Ion Ratio Lower Upper

41 100

39 79.2 55.8 83.6

76 32.6 24.3 36.5

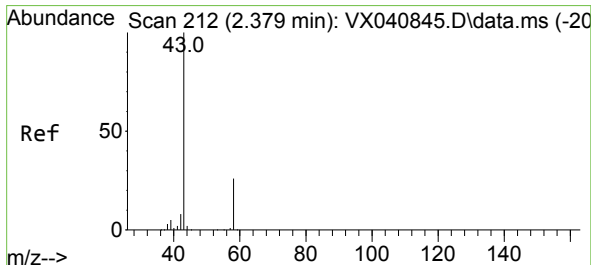
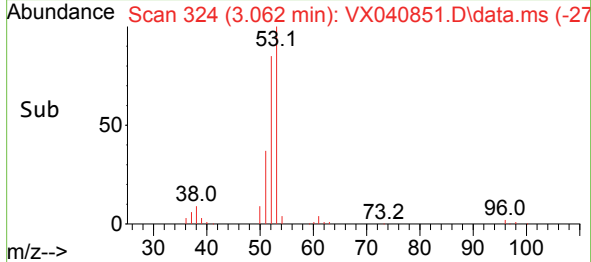
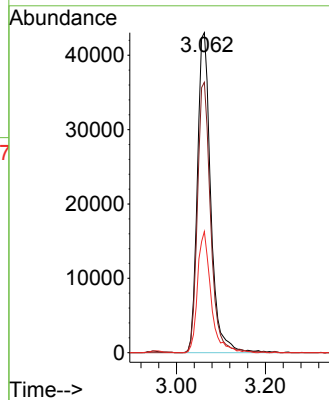
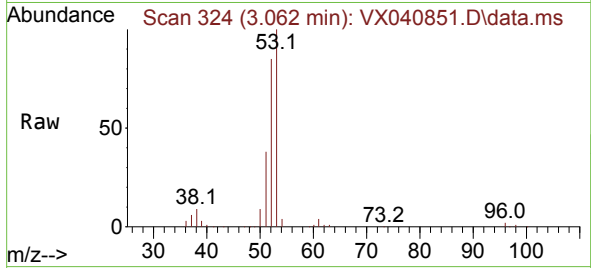




#15
Acrylonitrile
Concen: 232.369 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

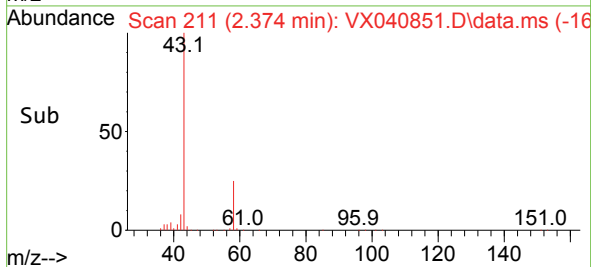
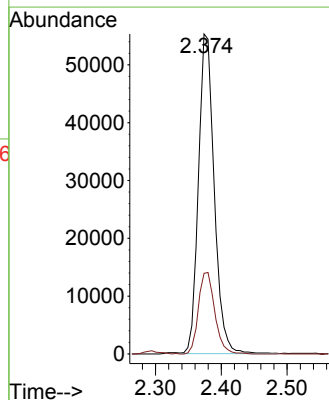
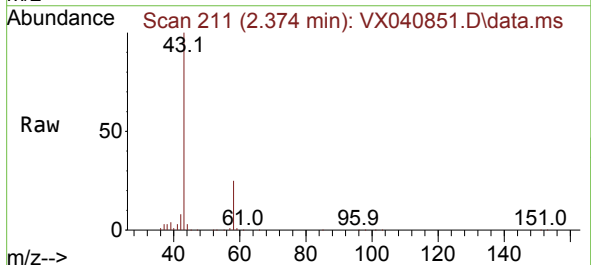
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

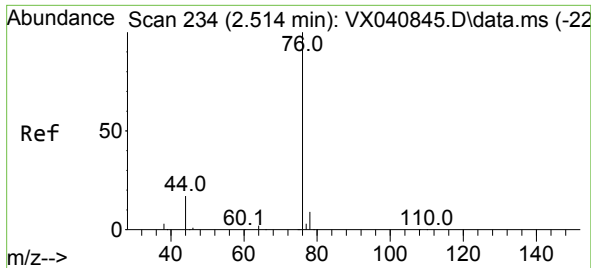
Tgt Ion: 53 Resp: 89680
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 38.2 29.8 44.6



#16
Acetone
Concen: 236.679 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 43 Resp: 92092
Ion Ratio Lower Upper
43 100
58 25.3 21.9 32.9





#17

Carbon Disulfide

Concen: 44.731 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

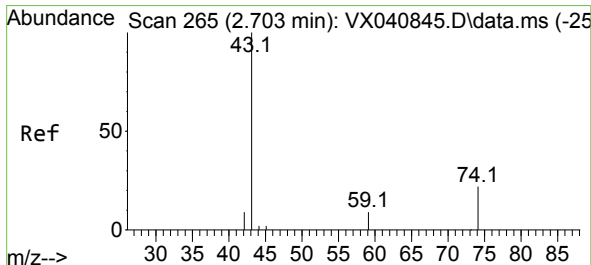
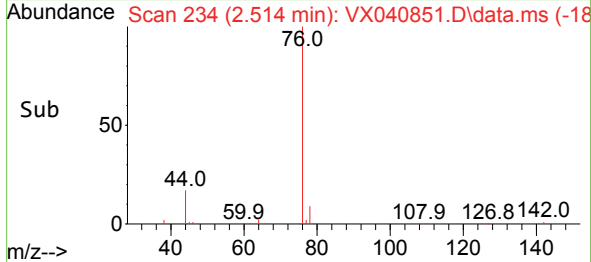
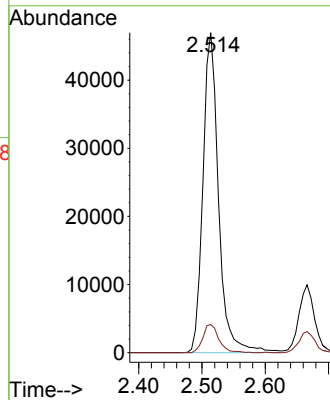
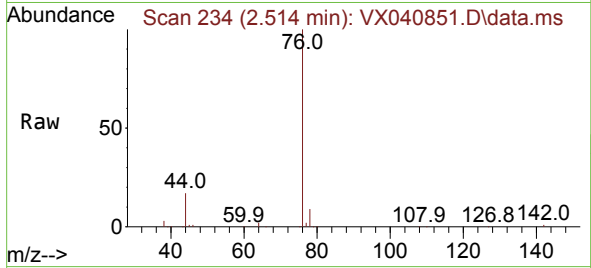
VSTDCCC050

Tgt Ion: 76 Resp: 80852

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 43.266 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040851.D

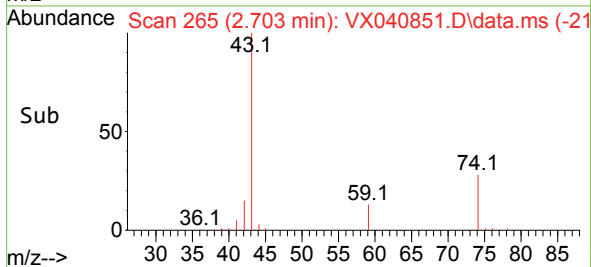
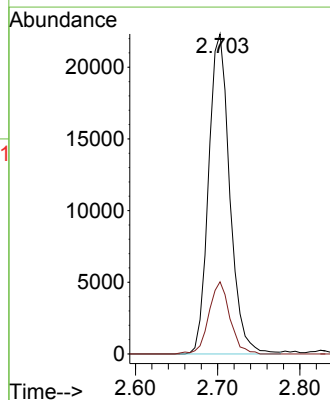
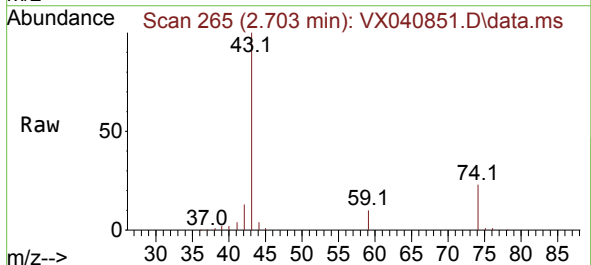
Acq: 02 Apr 2024 09:28

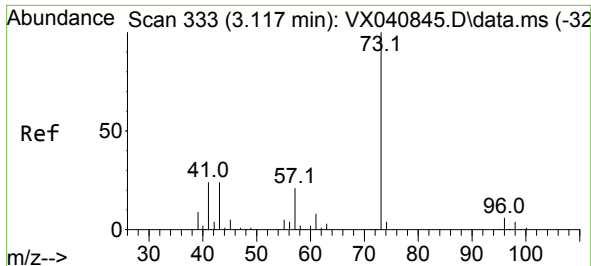
Tgt Ion: 43 Resp: 39940

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

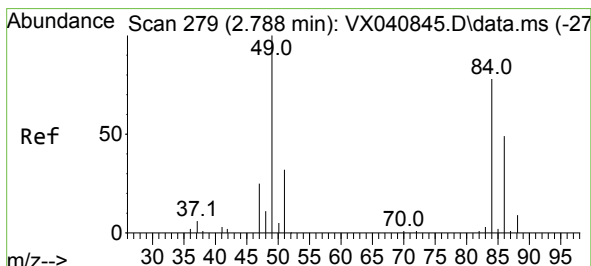
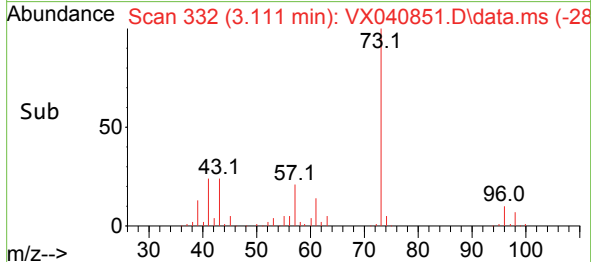
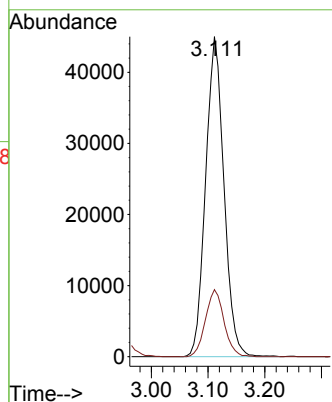
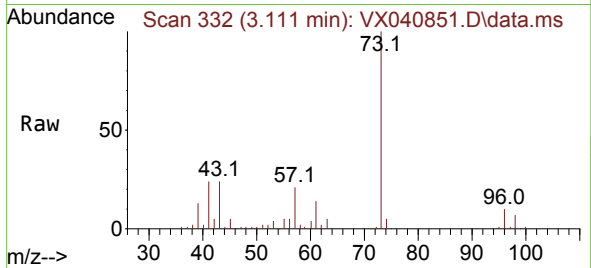




#19
Methyl tert-butyl Ether
Concen: 45.903 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

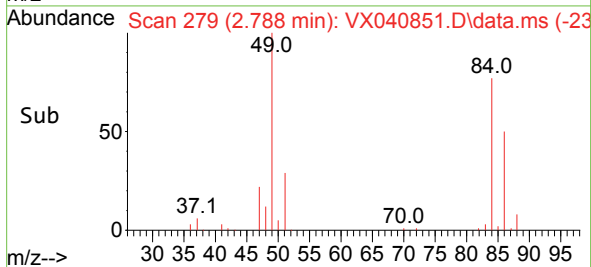
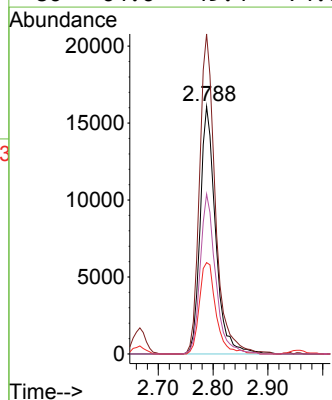
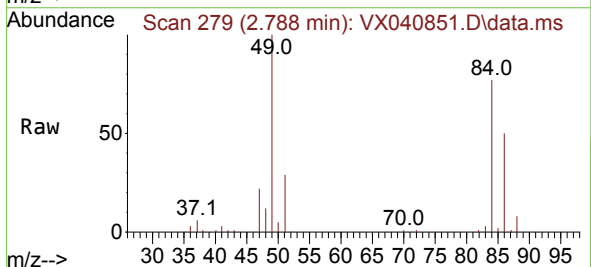
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

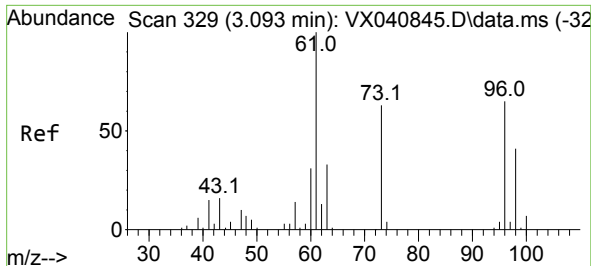
Tgt Ion: 73 Resp: 100955
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 43.640 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 84 Resp: 31468
Ion Ratio Lower Upper
84 100
49 129.2 103.6 155.4
51 36.9 33.8 50.6
86 64.6 49.4 74.0

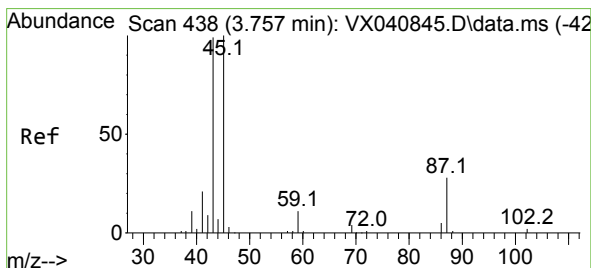
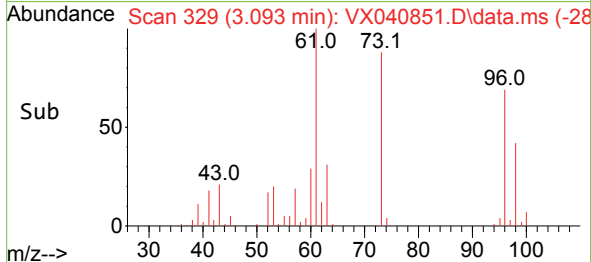
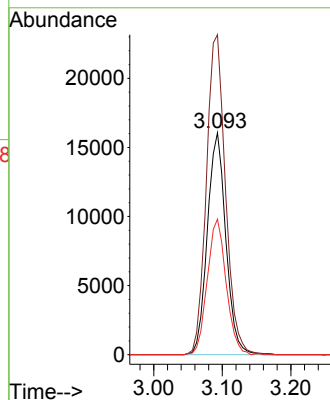
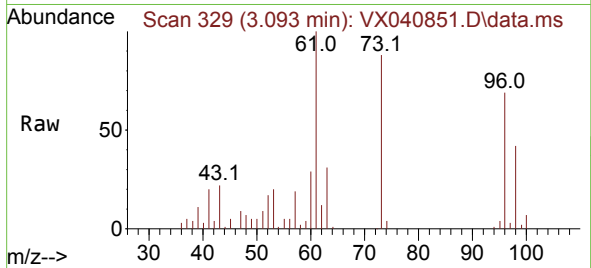




#21
trans-1,2-Dichloroethene
Concen: 45.736 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

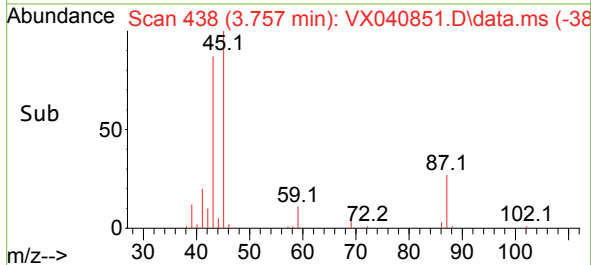
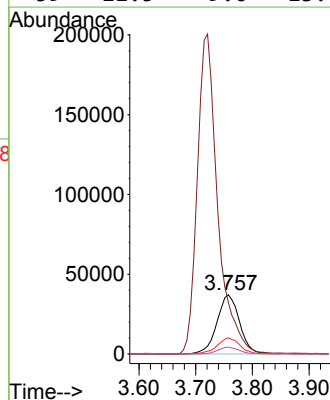
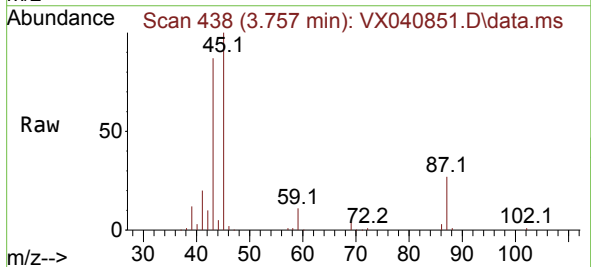
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

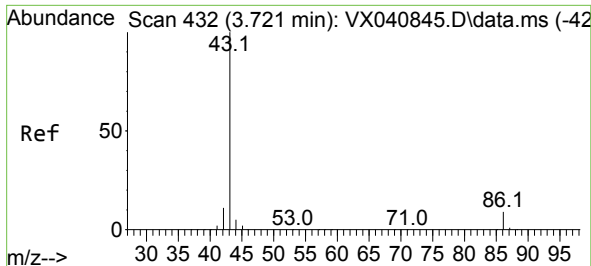
Tgt Ion: 96 Resp: 30183
Ion Ratio Lower Upper
96 100
61 144.2 119.2 178.8
98 61.1 48.7 73.1



#22
Diisopropyl ether
Concen: 47.109 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 45 Resp: 102613
Ion Ratio Lower Upper
45 100
43 86.5 69.7 104.5
87 27.3 20.8 31.2
59 11.5 9.0 13.4

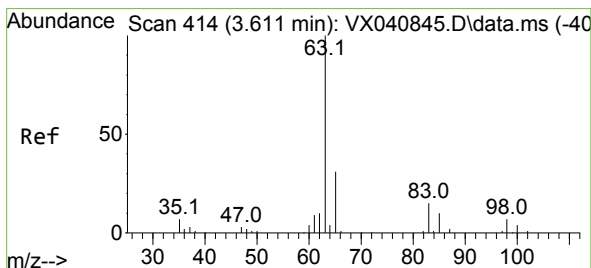
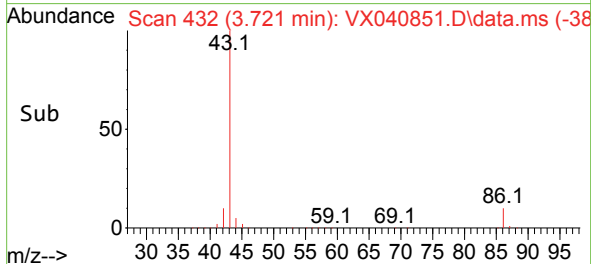
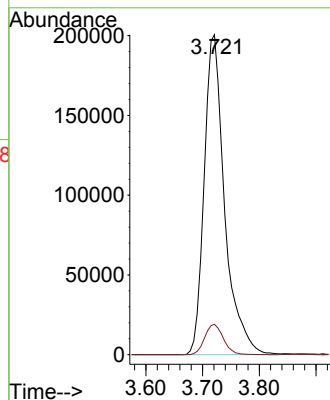
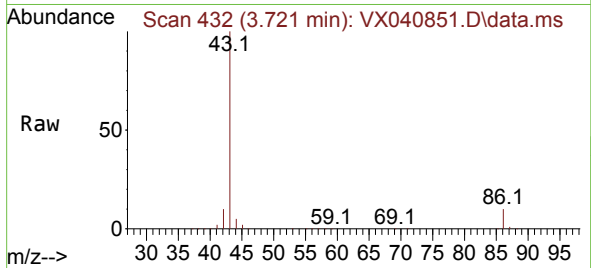




#23
 Vinyl Acetate
 Concen: 240.474 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

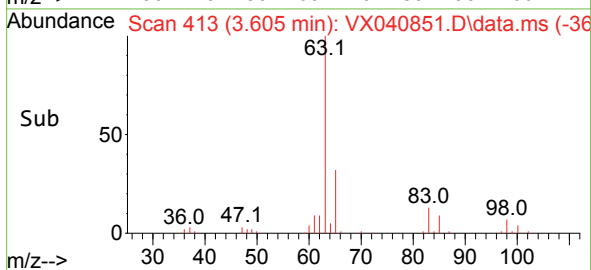
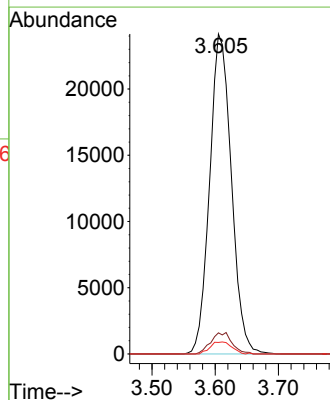
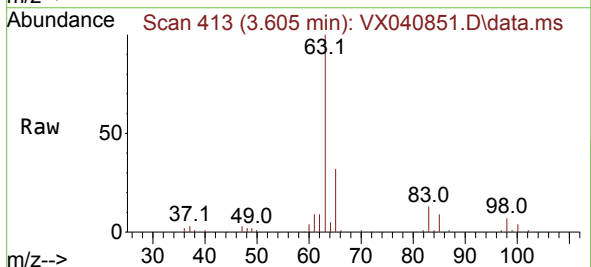
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

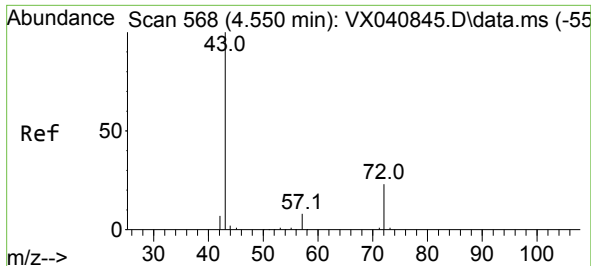
Tgt Ion: 43 Resp: 502039
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.313 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

Tgt Ion: 63 Resp: 57634
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.6 2.1 6.5

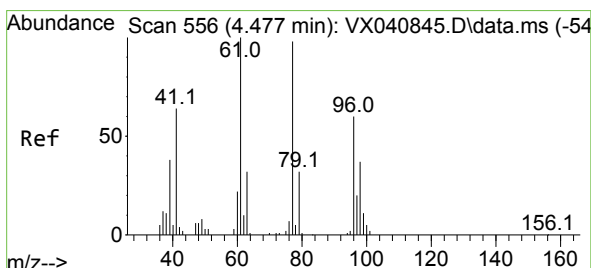
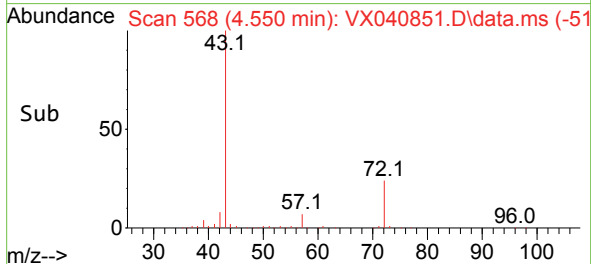
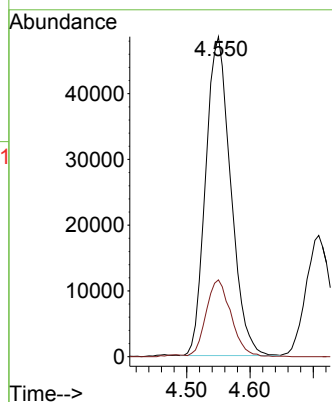
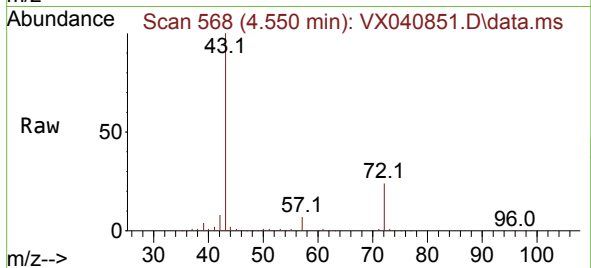




#25
2-Butanone
Concen: 230.643 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

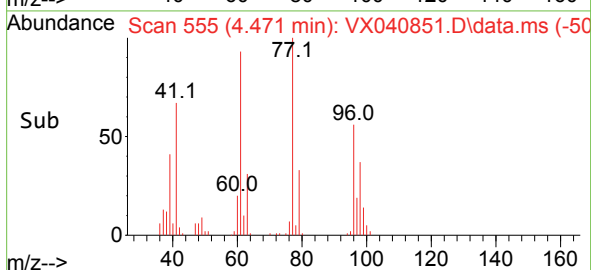
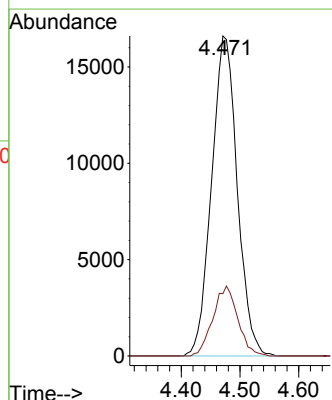
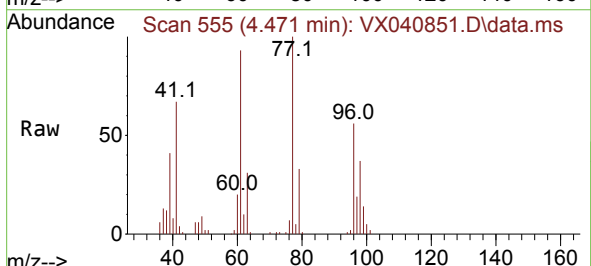
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

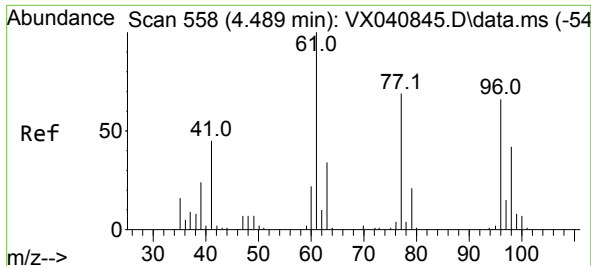
Tgt Ion: 43 Resp: 133313
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.193 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 77 Resp: 50422
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.3

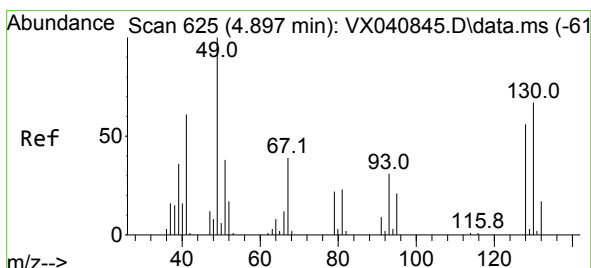
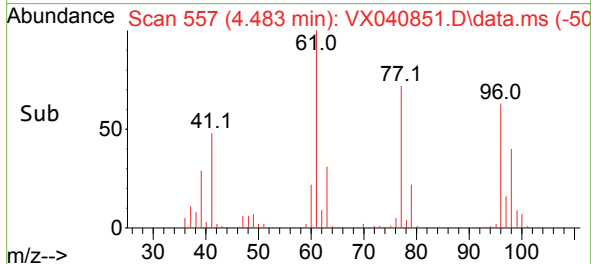
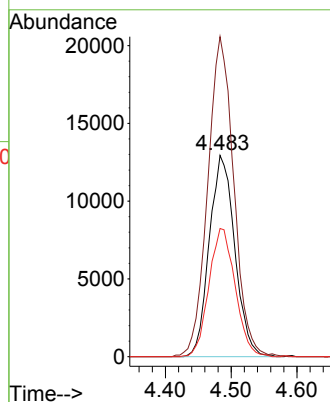
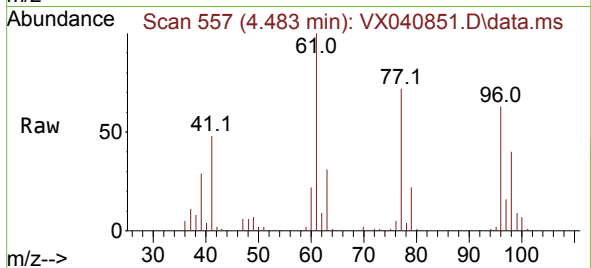




#27
cis-1,2-Dichloroethene
Concen: 45.786 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

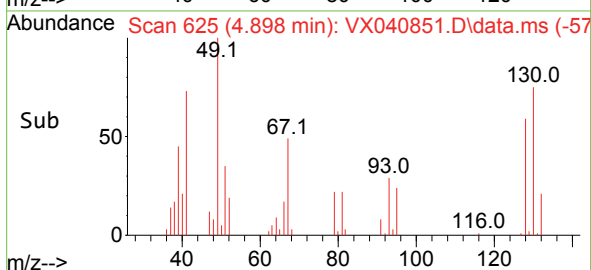
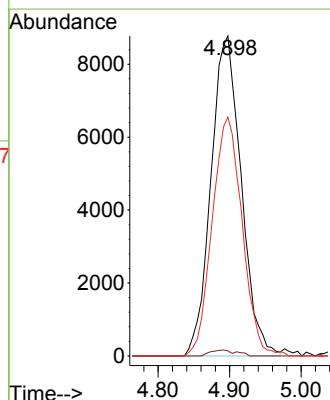
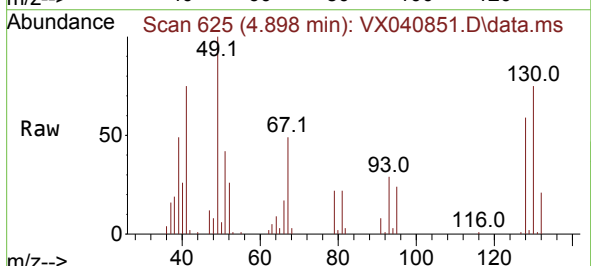
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

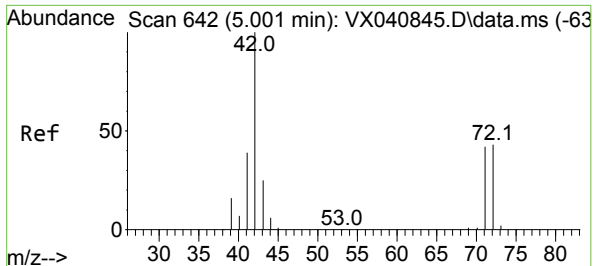
Tgt Ion: 96 Resp: 34892
Ion Ratio Lower Upper
96 100
61 162.6 0.0 312.2
98 65.6 0.0 129.0



#28
Bromochloromethane
Concen: 46.044 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 49 Resp: 25764
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 73.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 229.313 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

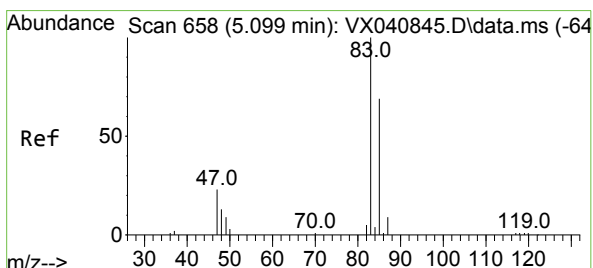
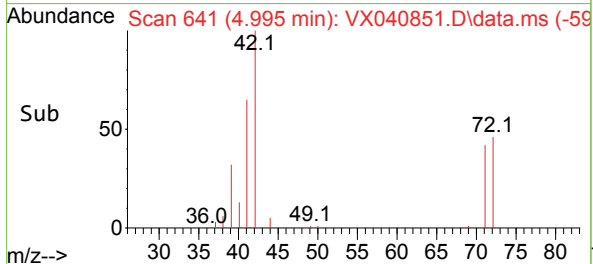
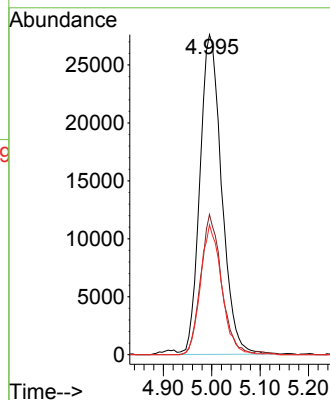
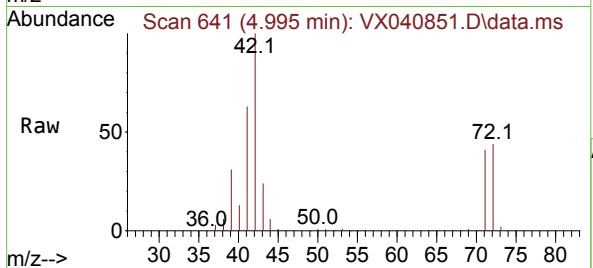
Tgt Ion: 42 Resp: 86150

Ion Ratio Lower Upper

42 100

72 41.8 34.2 51.4

71 39.6 32.2 48.2



#30

Chloroform

Concen: 46.749 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040851.D

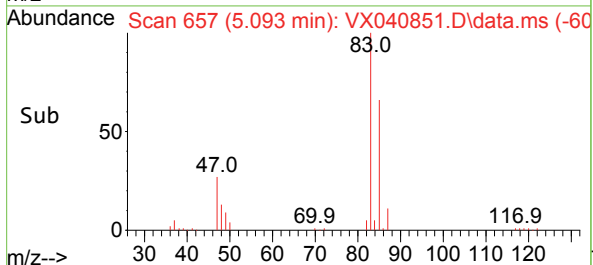
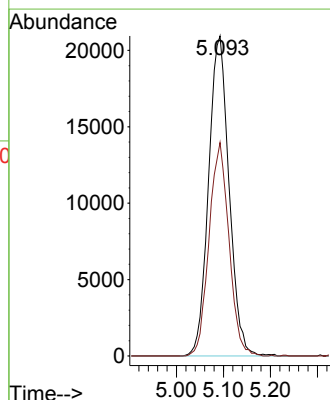
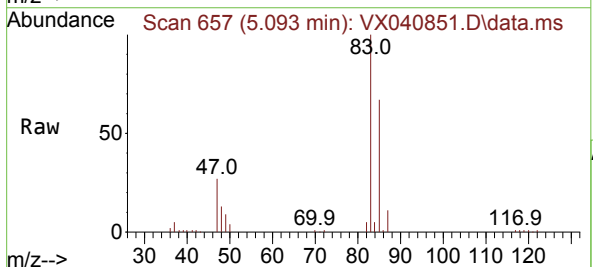
Acq: 02 Apr 2024 09:28

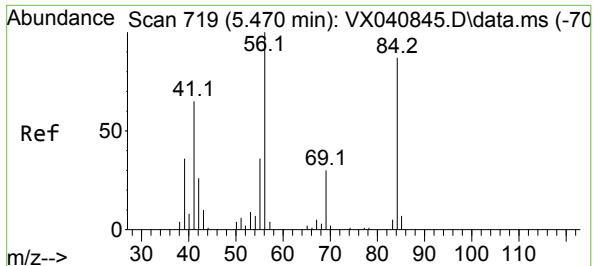
Tgt Ion: 83 Resp: 63323

Ion Ratio Lower Upper

83 100

85 66.7 50.3 75.5

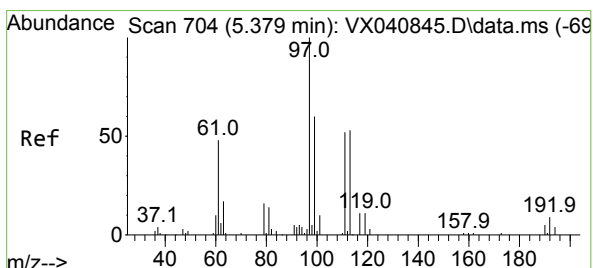
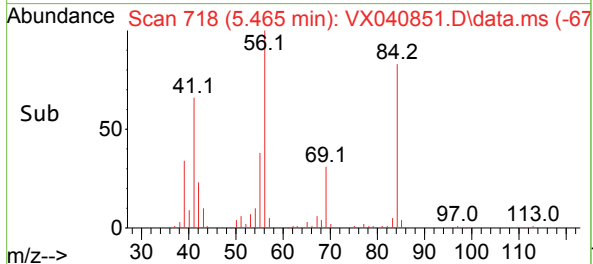
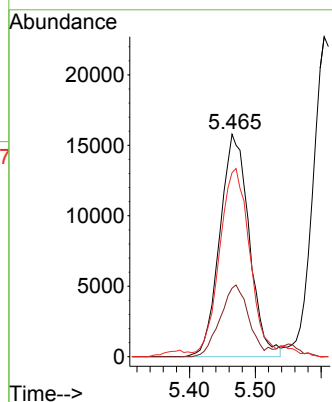
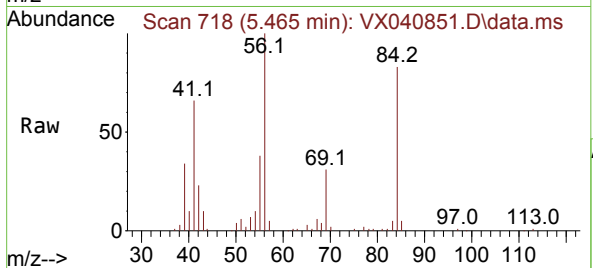




#31
Cyclohexane
Concen: 46.128 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

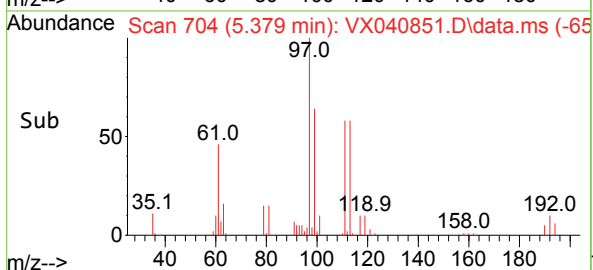
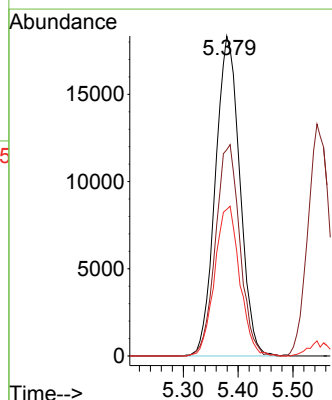
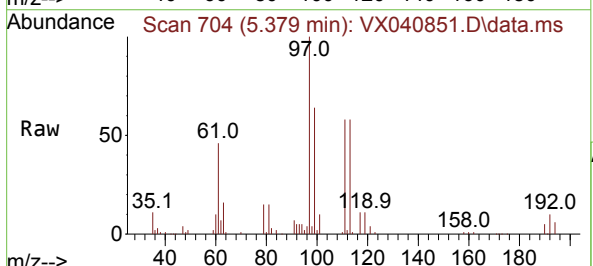
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

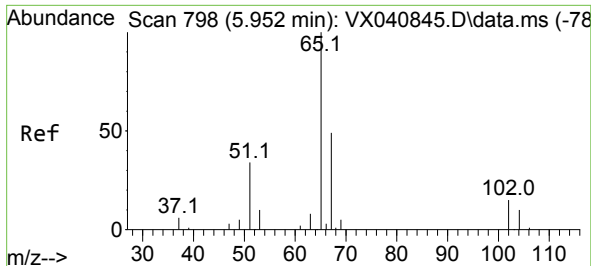
Tgt Ion: 56 Resp: 49051
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 79.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 47.165 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 97 Resp: 56771
Ion Ratio Lower Upper
97 100
99 66.0 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.879 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

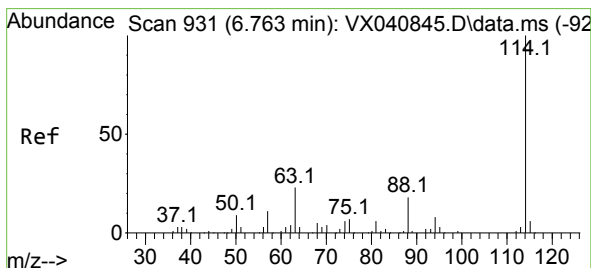
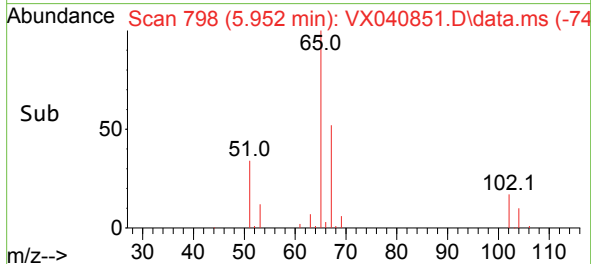
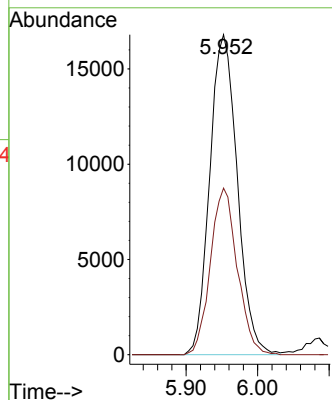
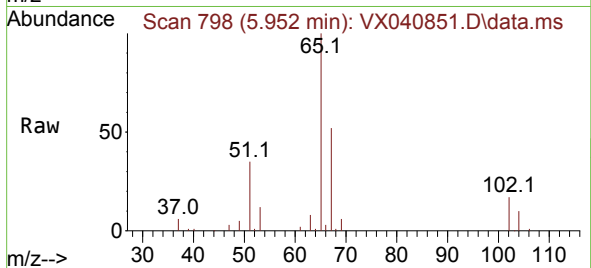
VSTDCCC050

Tgt Ion: 65 Resp: 44973

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

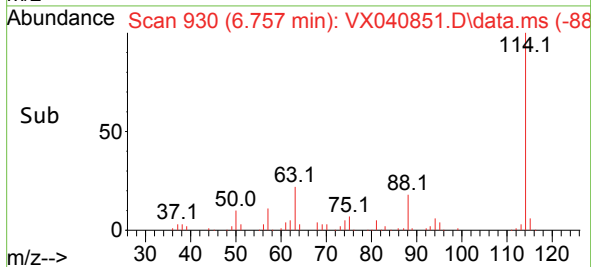
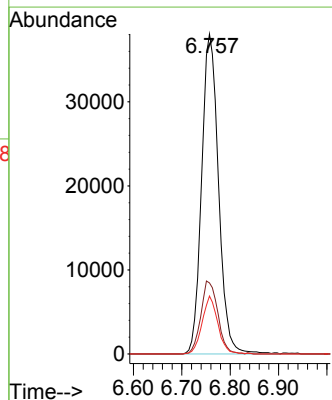
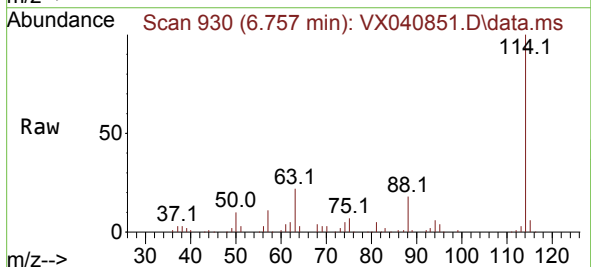
Tgt Ion: 114 Resp: 92492

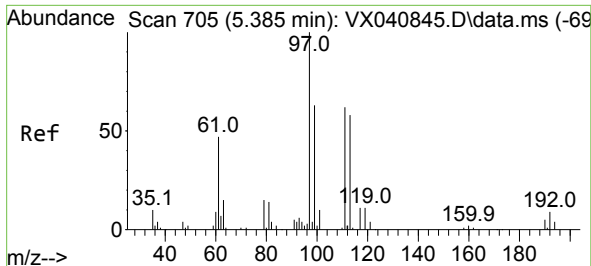
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 18.1 0.0 36.6

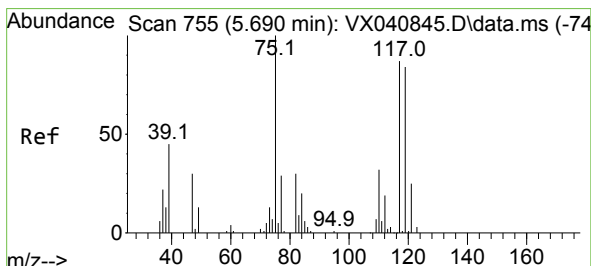
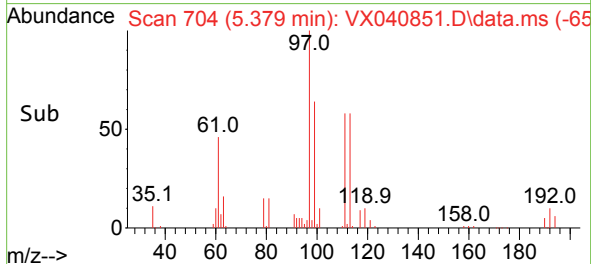
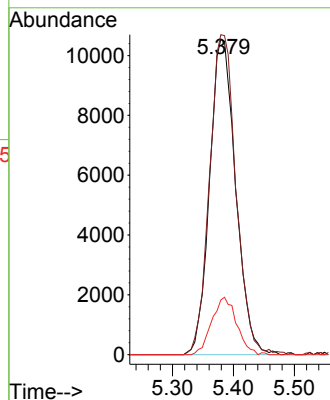
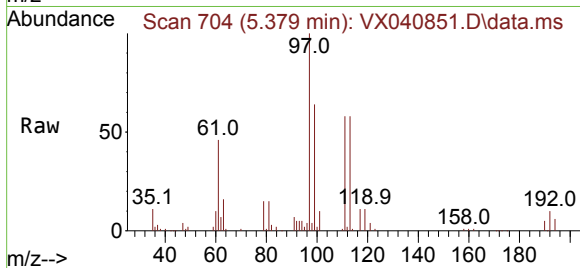




#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

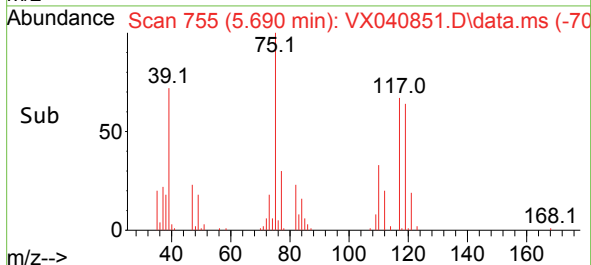
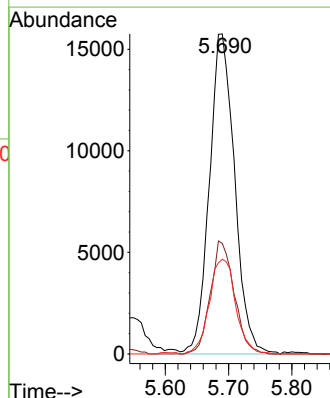
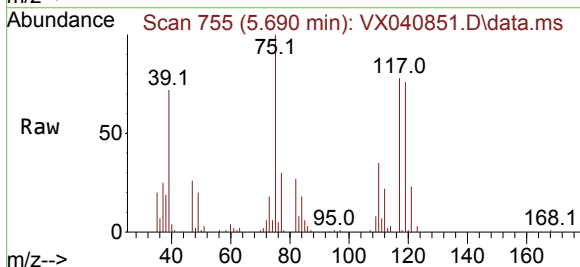
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

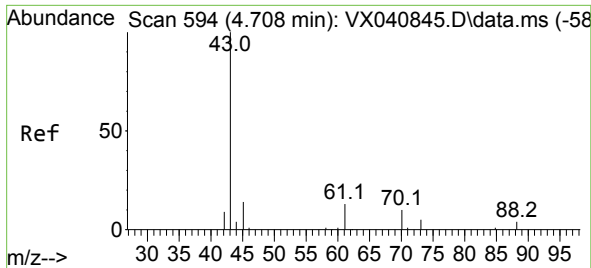
Tgt Ion:113 Resp: 31292
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.940 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 75 Resp: 43694
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 30.8 24.7 37.1

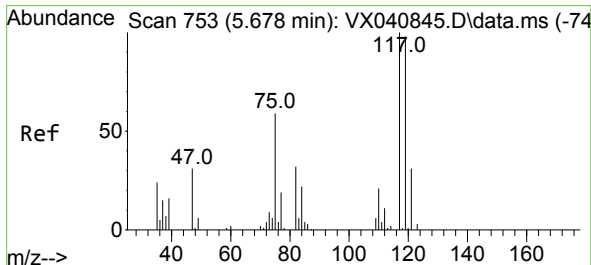
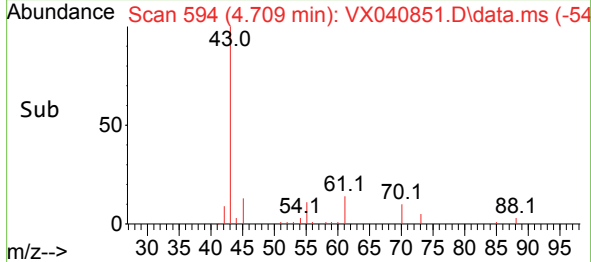
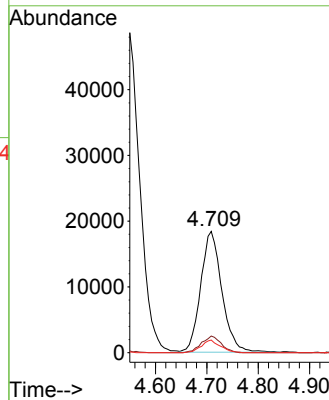
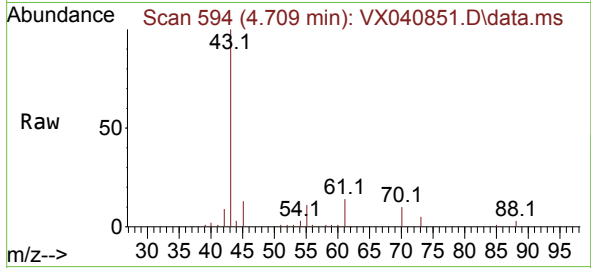




#37
Ethyl Acetate
Concen: 46.064 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

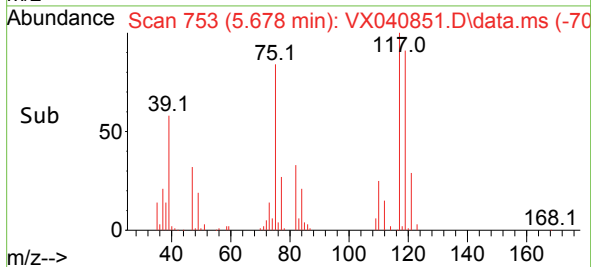
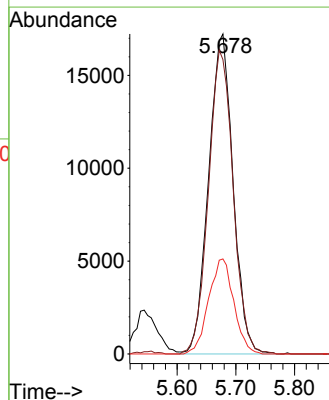
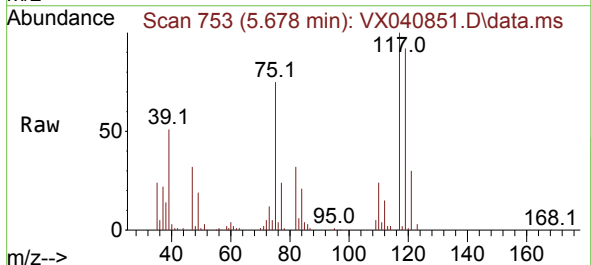
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

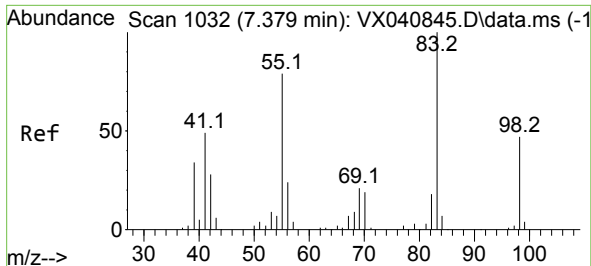
Tgt Ion: 43	Resp: 52653
Ion Ratio	Lower Upper
43	100
61	12.8 10.6 16.0
70	9.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 48.372 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 117	Resp: 49847
Ion Ratio	Lower Upper
117	100
119	92.0 78.2 117.2
121	29.7 24.4 36.6

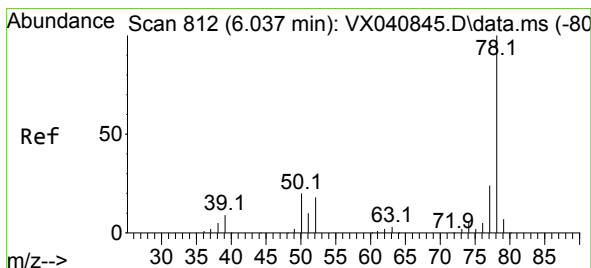
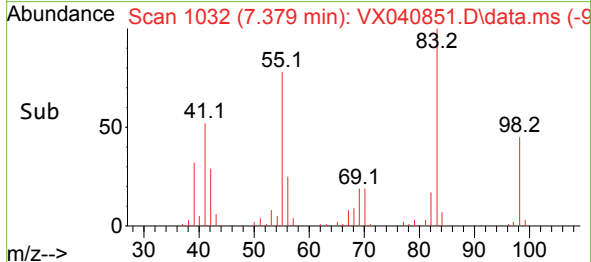
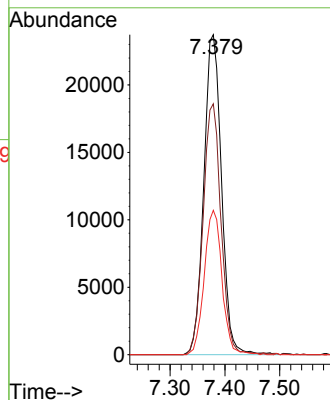
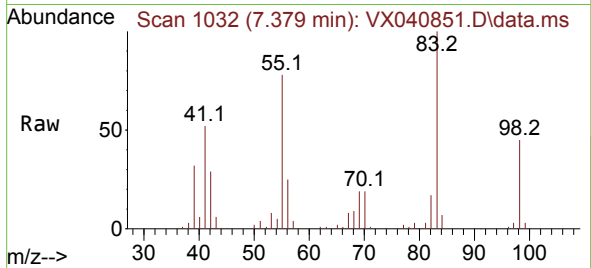




#39
Methylcyclohexane
Concen: 47.734 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

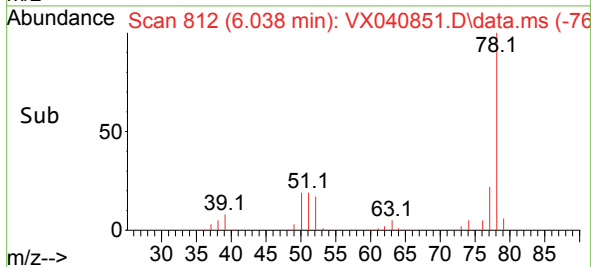
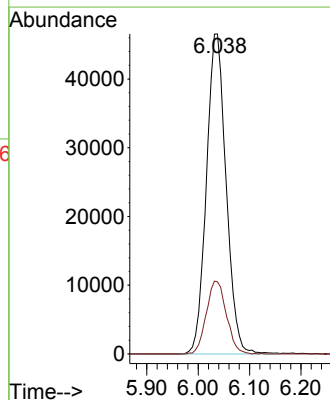
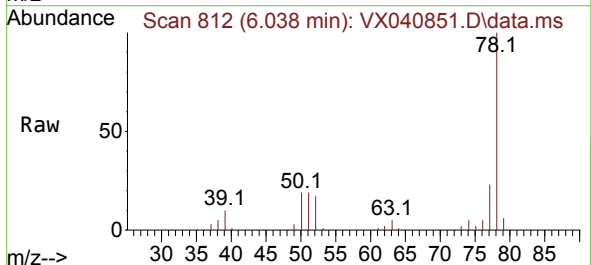
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

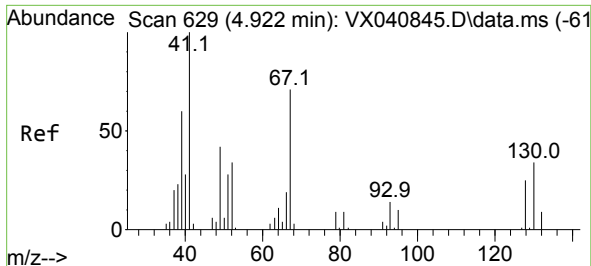
Tgt Ion: 83 Resp: 53091
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 45.1 36.7 55.1



#40
Benzene
Concen: 47.903 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

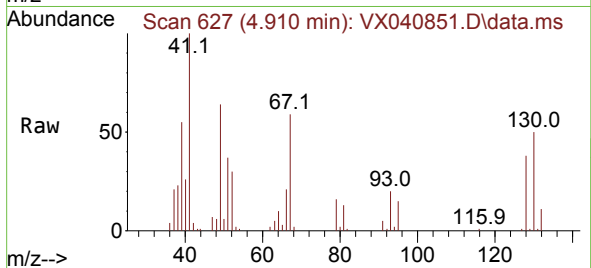
Tgt Ion: 78 Resp: 123761
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9



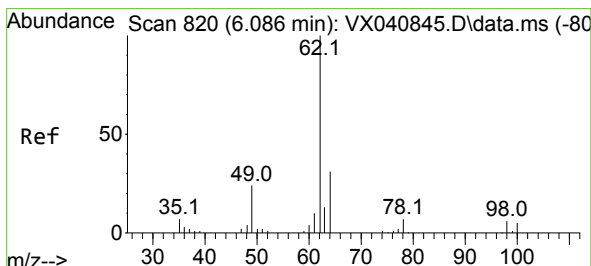
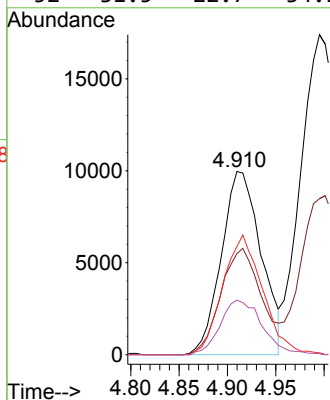
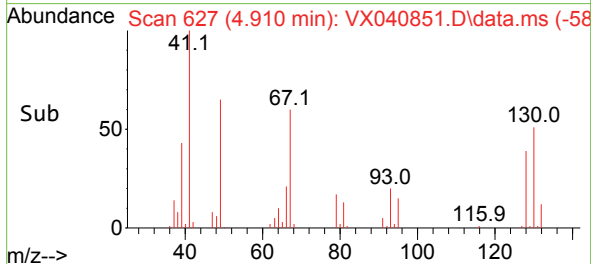


#41
Methacrylonitrile
Concen: 48.545 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

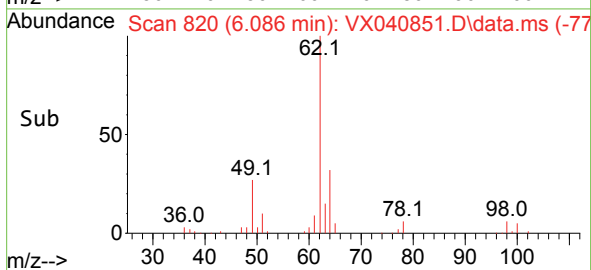
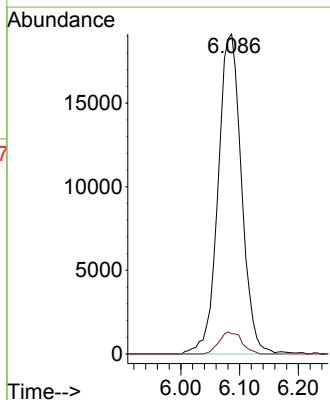
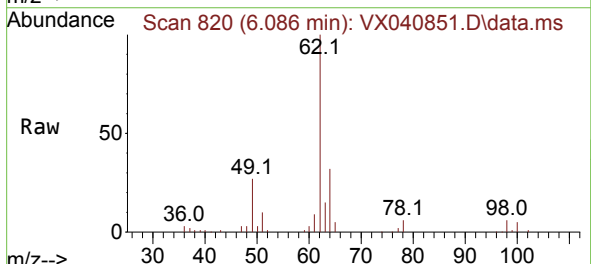


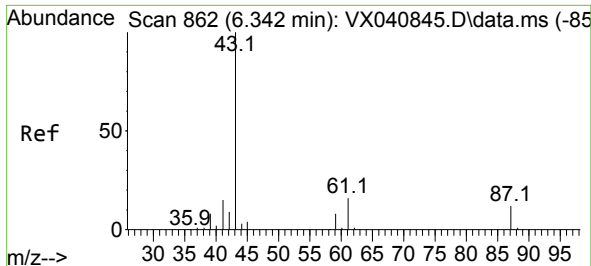
Tgt Ion:	41	Resp:	28497
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.2	67.8
67	65.7	52.6	78.8
52	31.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.153 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:	62	Resp:	52911
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 47.371 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

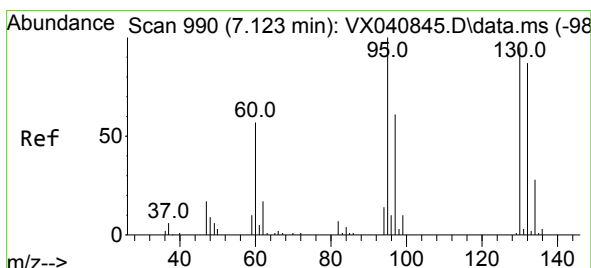
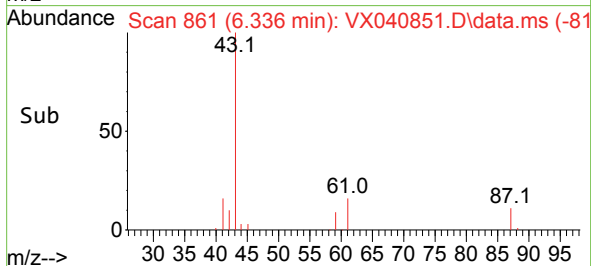
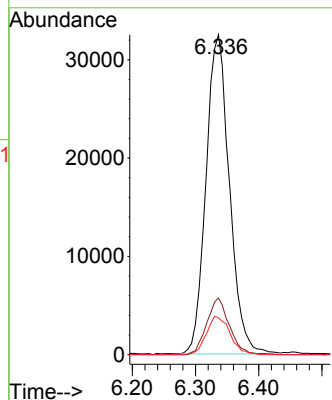
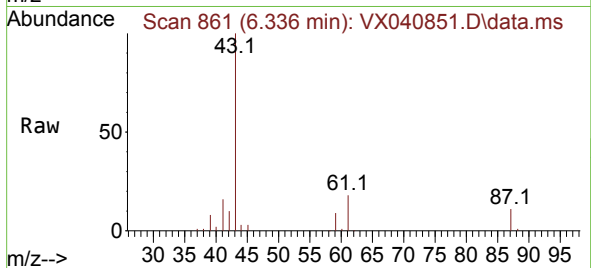
Tgt Ion: 43 Resp: 83620

Ion Ratio Lower Upper

43 100

61 17.2 15.2 22.8

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 48.050 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX040851.D

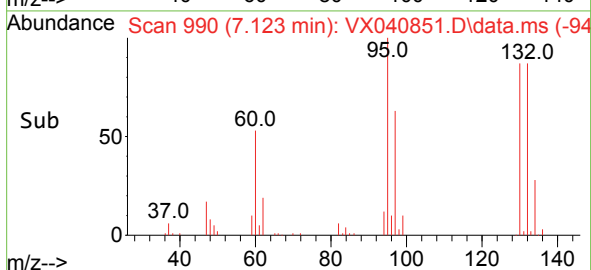
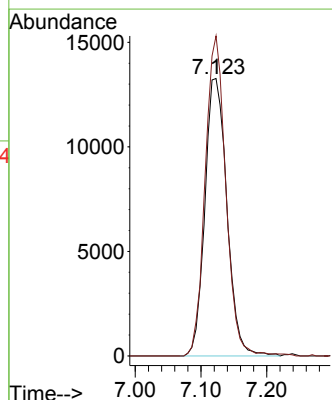
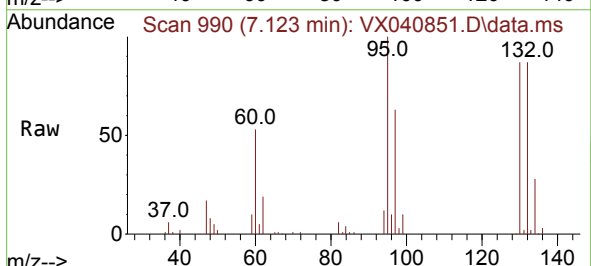
Acq: 02 Apr 2024 09:28

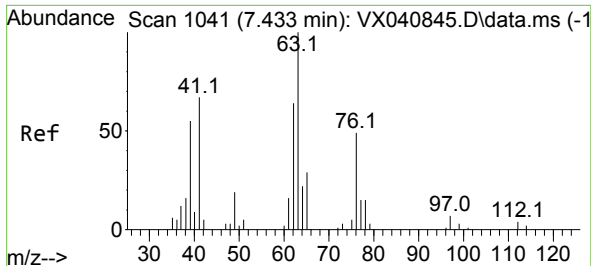
Tgt Ion:130 Resp: 31005

Ion Ratio Lower Upper

130 100

95 115.3 0.0 204.4

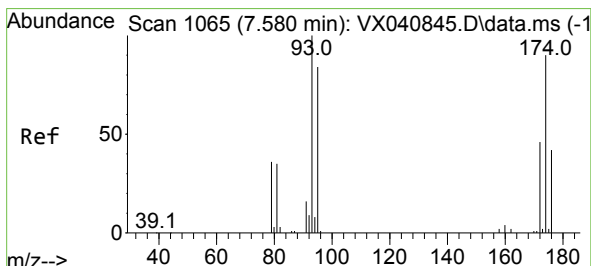
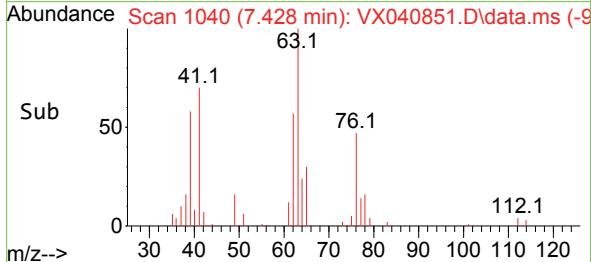
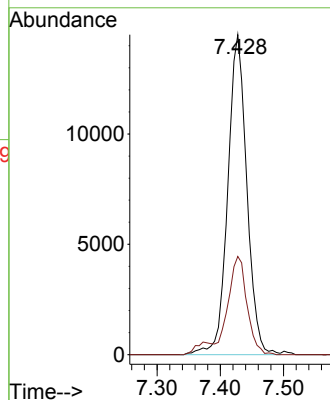
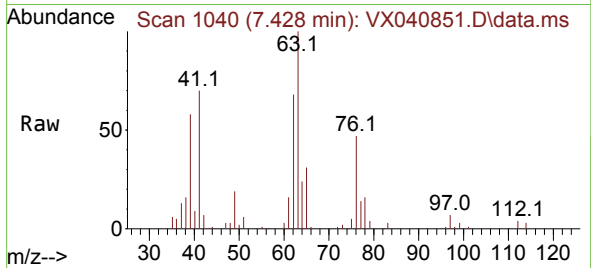




#45
1,2-Dichloropropane
Concen: 49.216 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

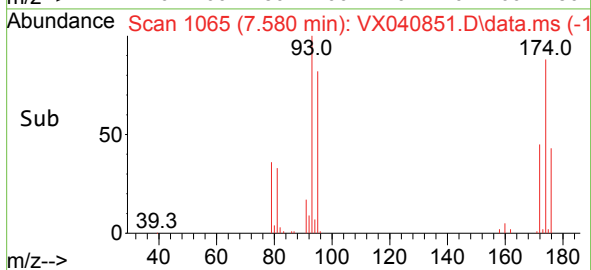
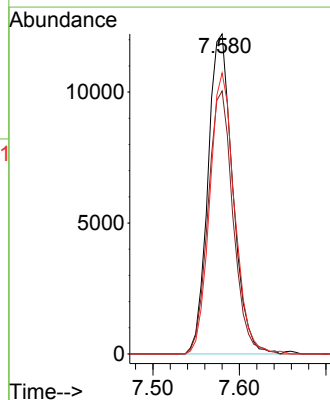
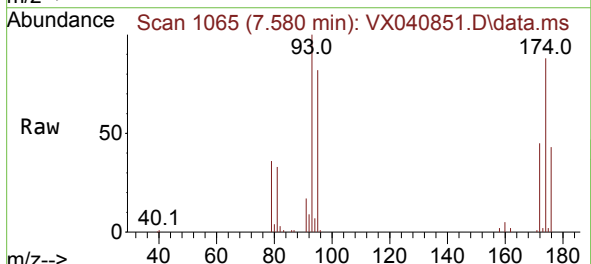
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

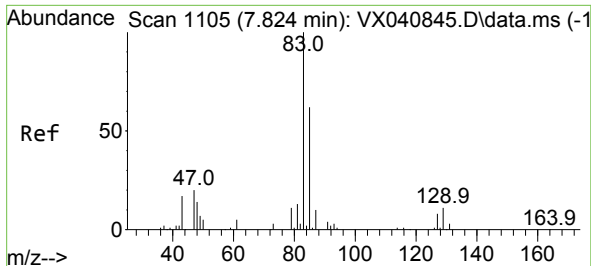
Tgt Ion: 63 Resp: 30354
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5



#46
Dibromomethane
Concen: 48.137 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 93 Resp: 24334
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 87.6 69.4 104.0

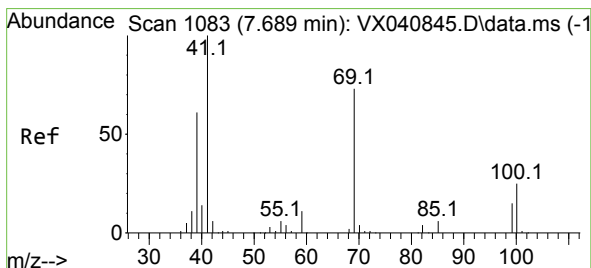
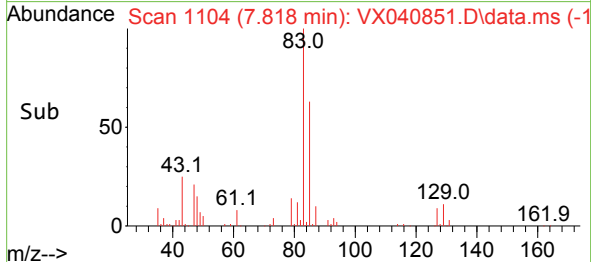
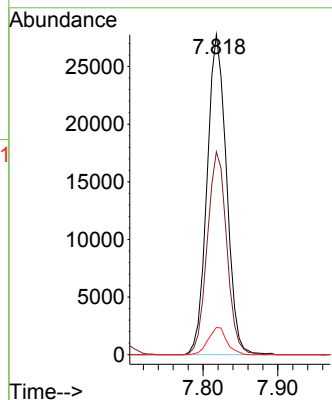
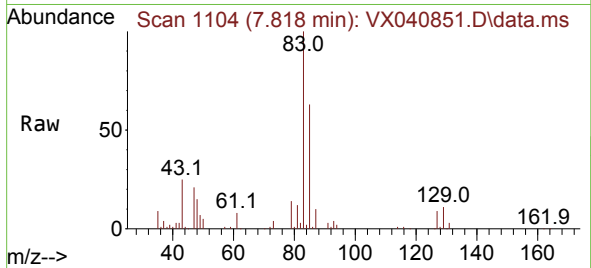




#47
Bromodichloromethane
Concen: 47.758 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

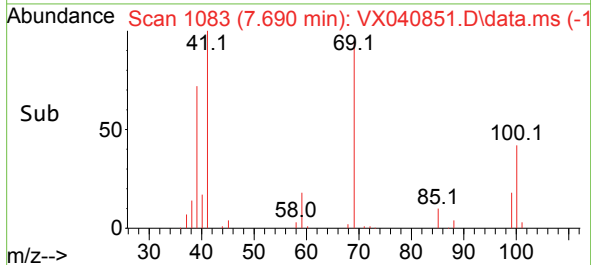
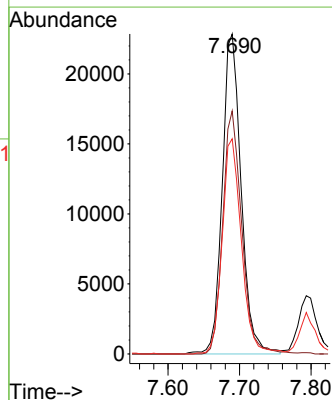
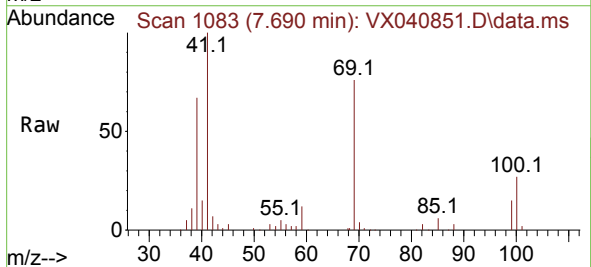
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

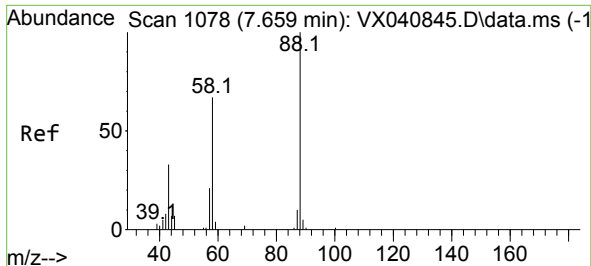
Tgt Ion: 83 Resp: 50231
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 48.538 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 41 Resp: 41957
Ion Ratio Lower Upper
41 100
69 76.4 59.2 88.8
39 68.6 47.7 71.5

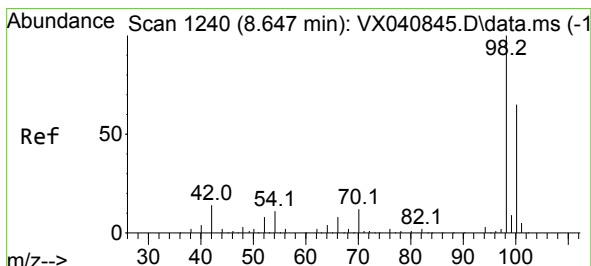
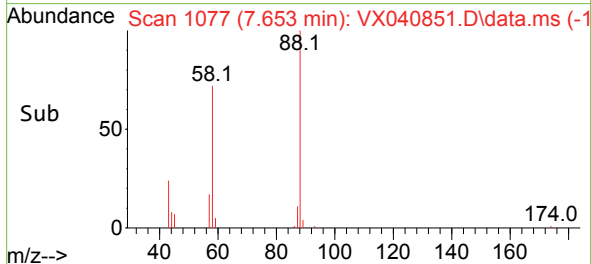
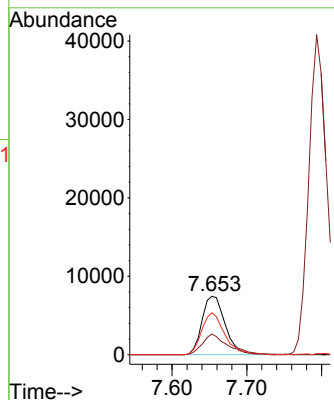
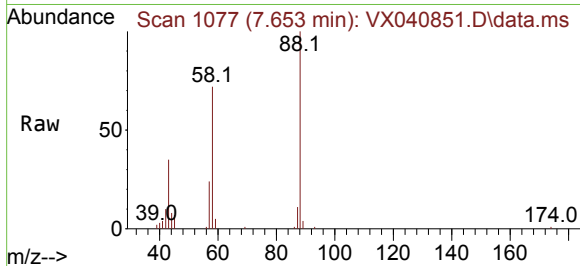




#49
1,4-Dioxane
Concen: 969.053 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

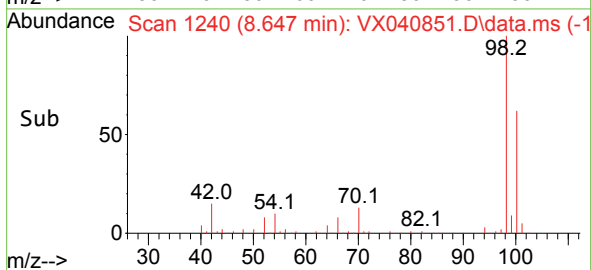
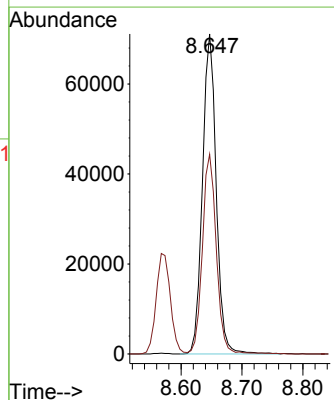
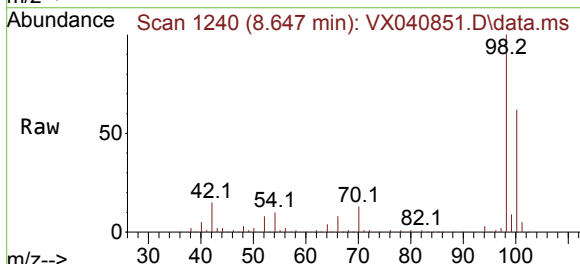
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

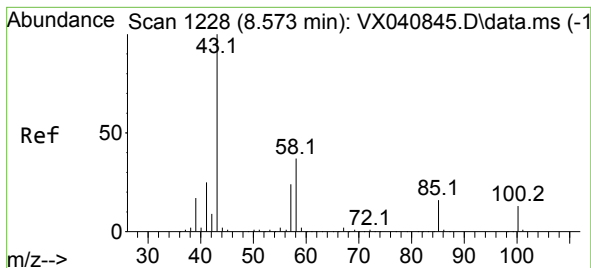
Tgt Ion: 88 Resp: 15985
Ion Ratio Lower Upper
88 100
43 39.0 0.0 0.0#
58 70.9 60.1 90.1



#50
Toluene-d8
Concen: 47.296 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 98 Resp: 111961
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 238.631 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

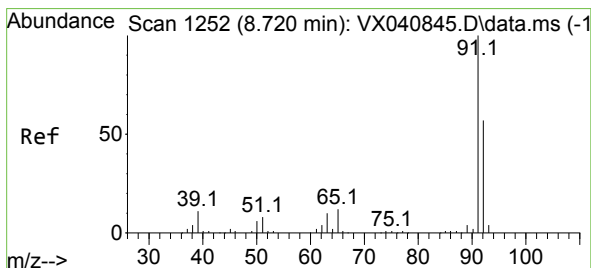
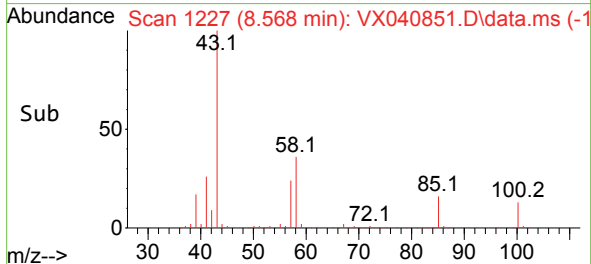
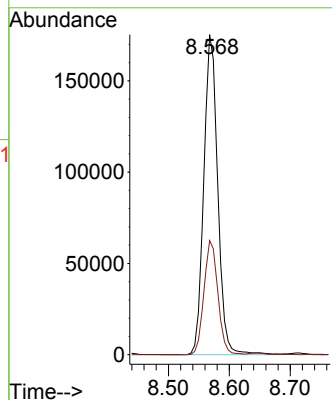
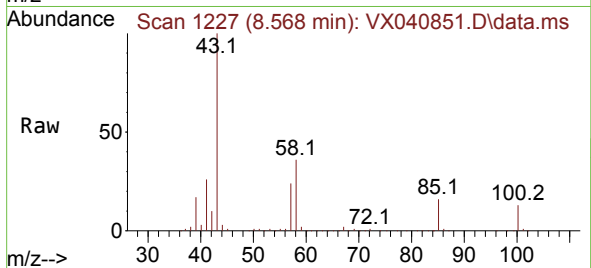
VSTDCCC050

Tgt Ion: 43 Resp: 279413

Ion Ratio Lower Upper

43 100

58 35.5 30.4 45.6



#52

Toluene

Concen: 46.772 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX040851.D

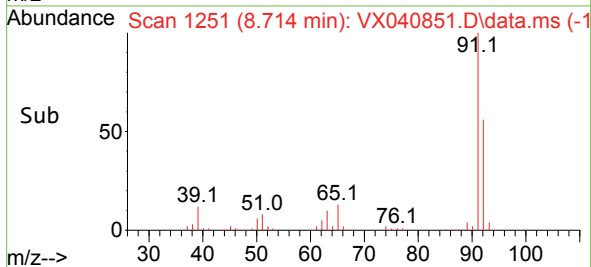
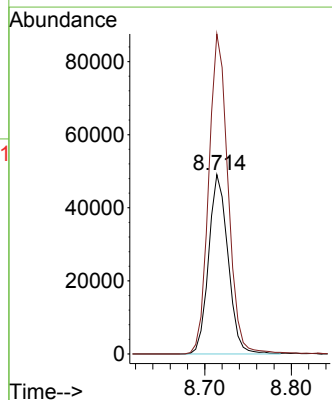
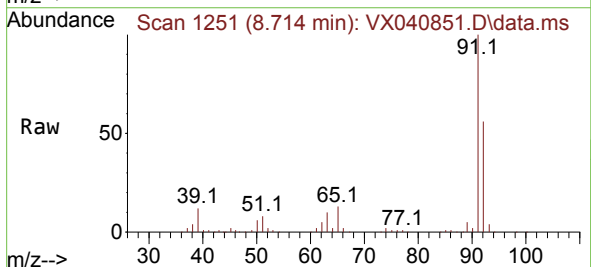
Acq: 02 Apr 2024 09:28

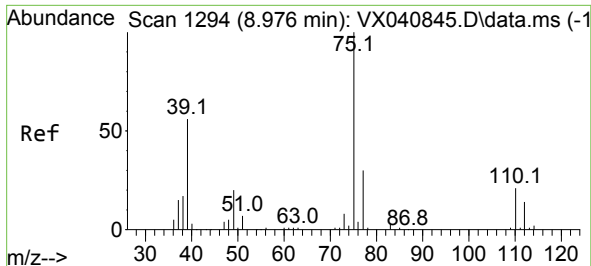
Tgt Ion: 92 Resp: 76247

Ion Ratio Lower Upper

92 100

91 178.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.149 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

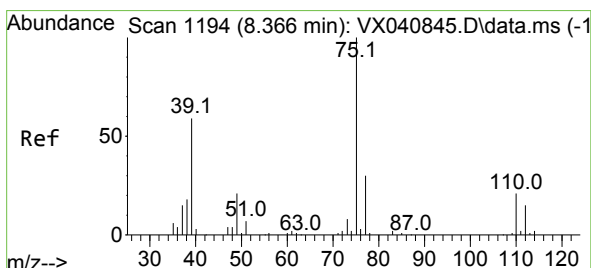
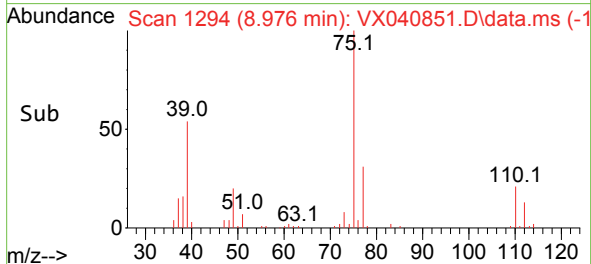
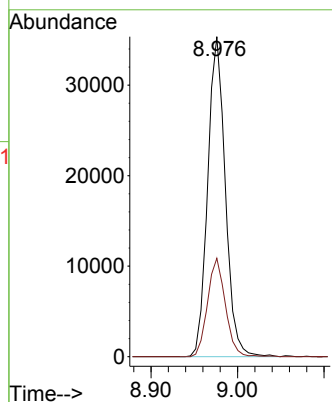
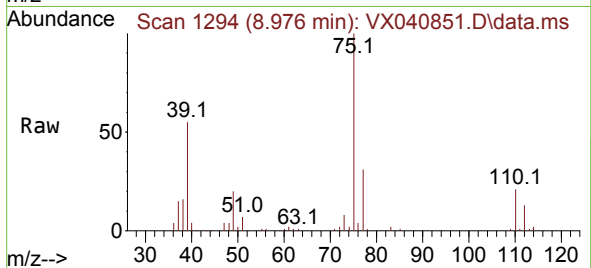
VSTDCCC050

Tgt Ion: 75 Resp: 49899

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 49.929 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

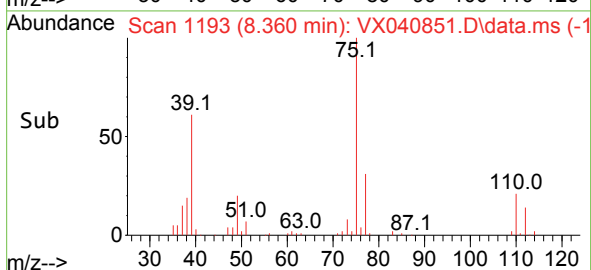
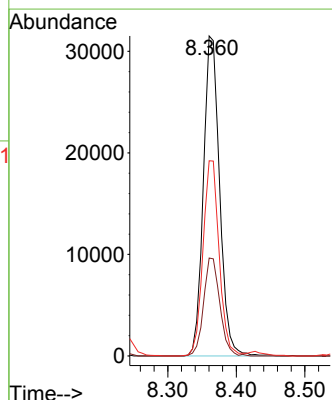
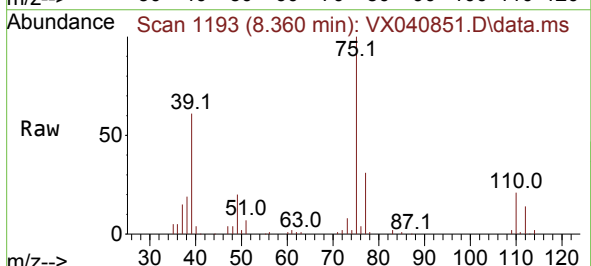
Tgt Ion: 75 Resp: 52071

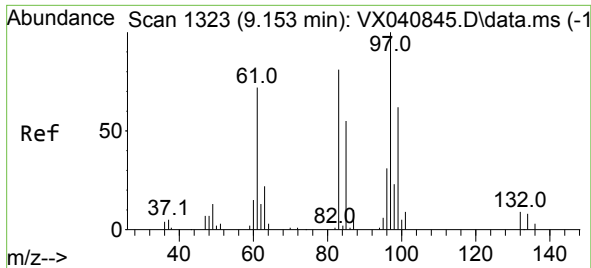
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 61.0 46.7 70.1

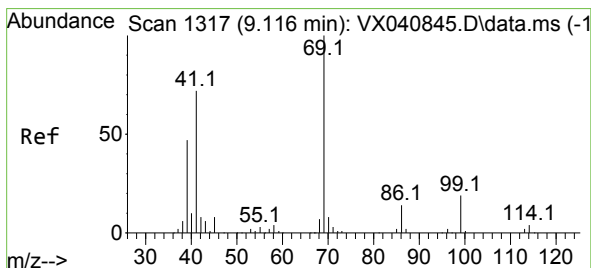
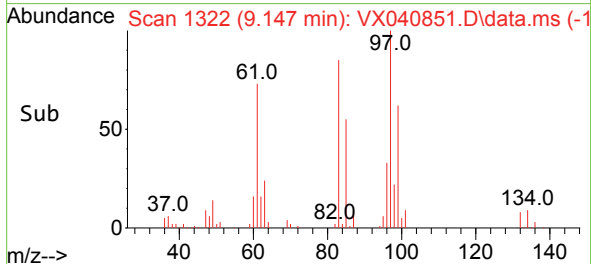
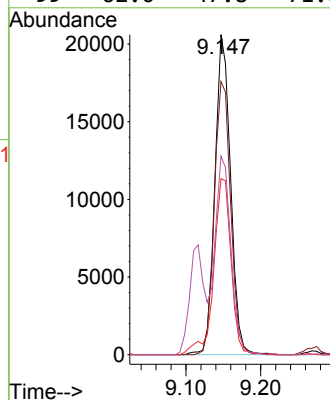
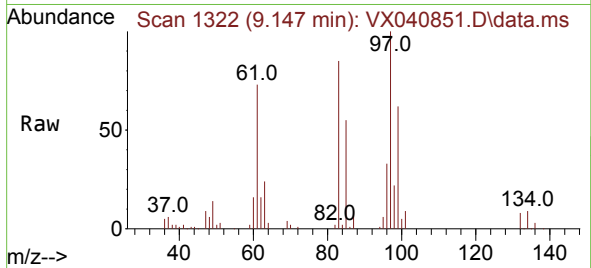




#55
 1,1,2-Trichloroethane
 Concen: 47.494 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

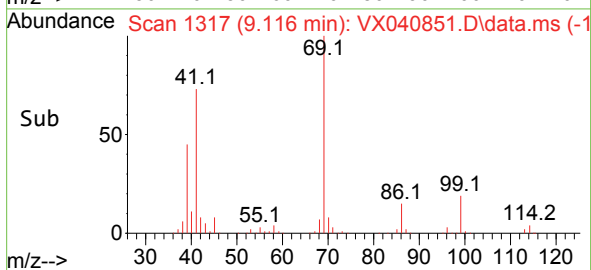
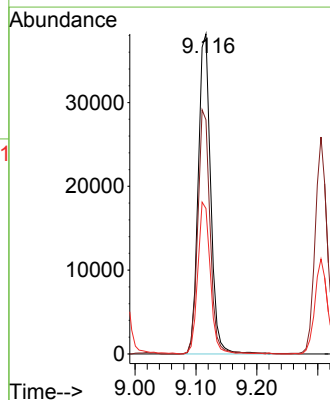
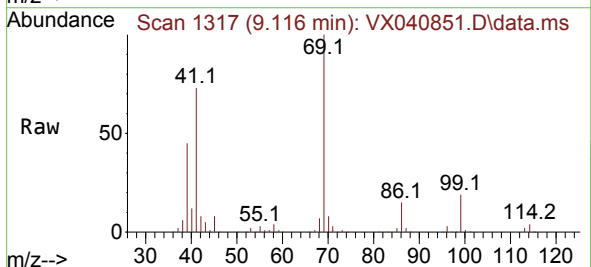
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

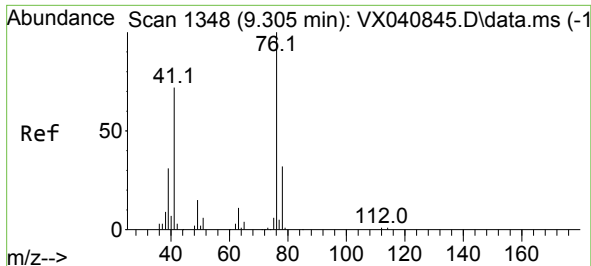
Tgt Ion: 97	Resp: 30215
Ion Ratio	Lower Upper
97 100	
83 85.4	65.8 98.8
85 55.0	41.6 62.4
99 62.0	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 49.453 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

Tgt Ion: 69	Resp: 54024
Ion Ratio	Lower Upper
69 100	
41 75.4	56.8 85.2
39 48.0	32.0 48.0





#57

1,3-Dichloropropane

Concen: 47.732 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

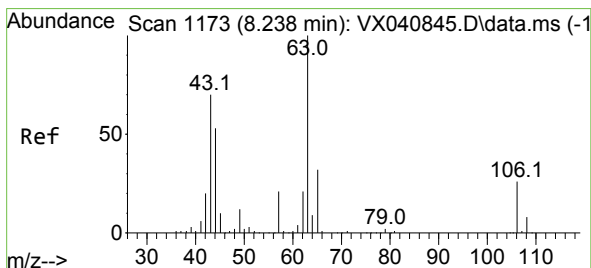
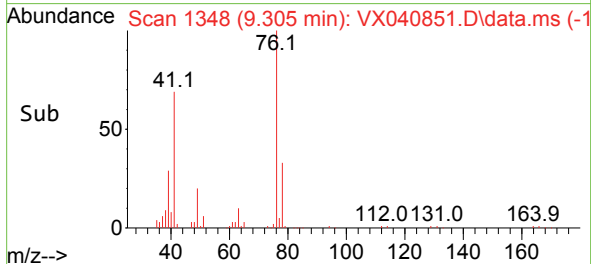
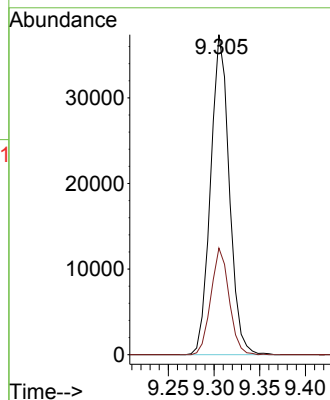
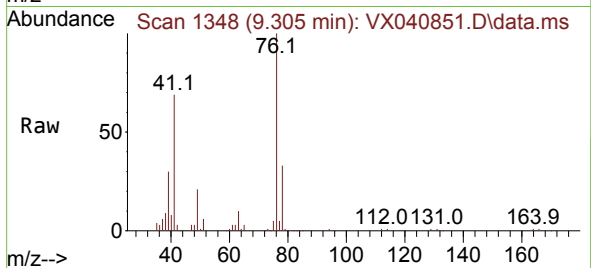
VSTDCCC050

Tgt Ion: 76 Resp: 53109

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.625 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040851.D

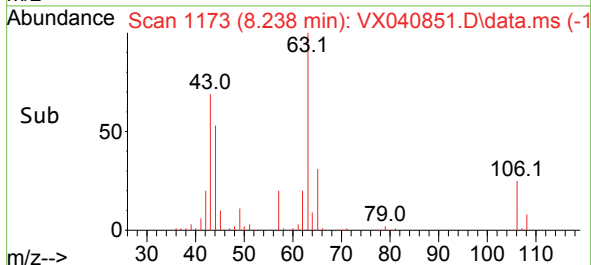
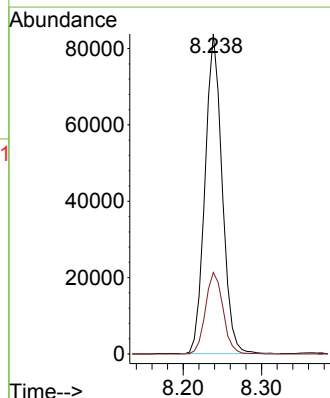
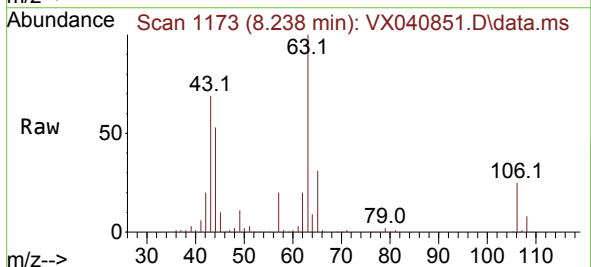
Acq: 02 Apr 2024 09:28

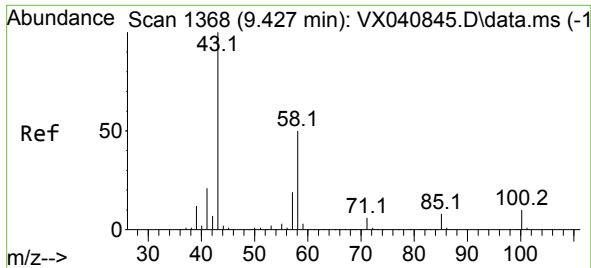
Tgt Ion: 63 Resp: 126904

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7

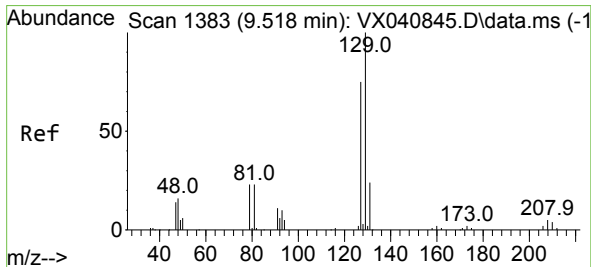
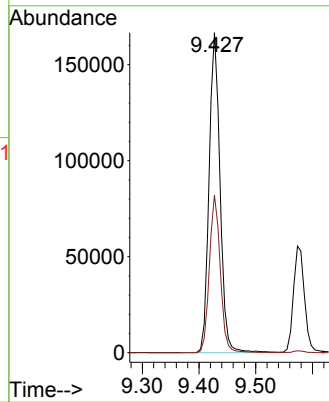
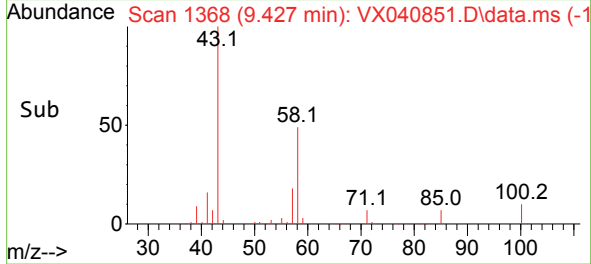
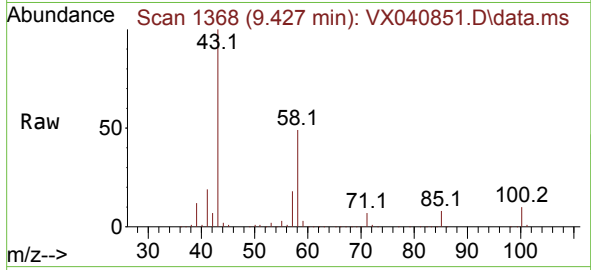




#59
2-Hexanone
Concen: 238.323 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

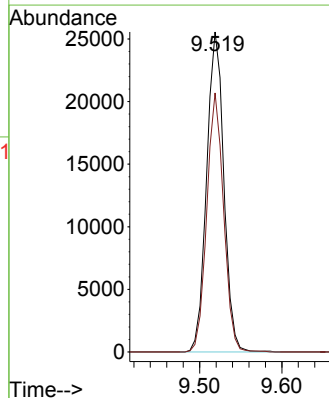
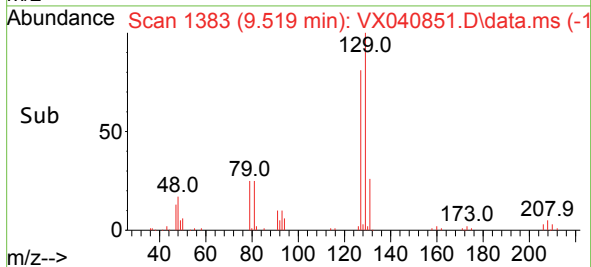
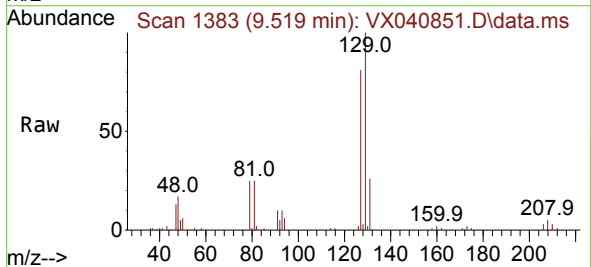
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

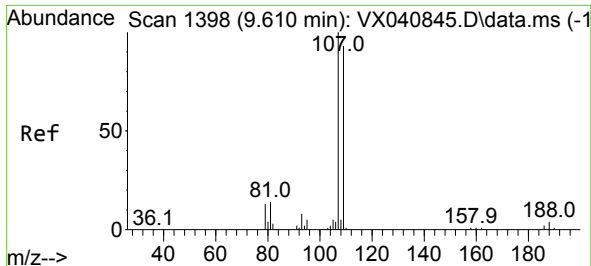
Tgt Ion: 43 Resp: 223801
Ion Ratio Lower Upper
43 100
58 49.0 26.2 78.5



#60
Dibromochloromethane
Concen: 48.904 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 129 Resp: 37141
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4

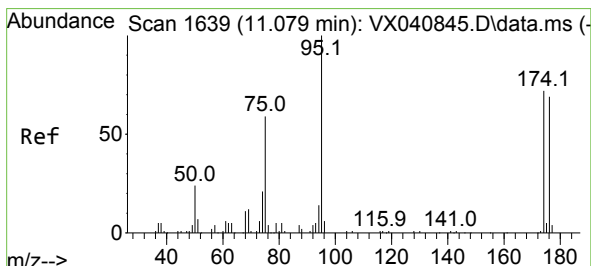
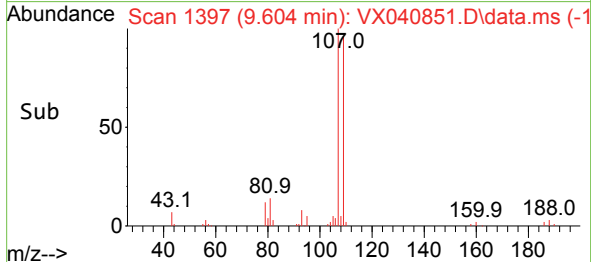
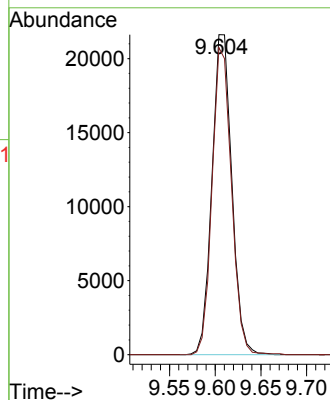
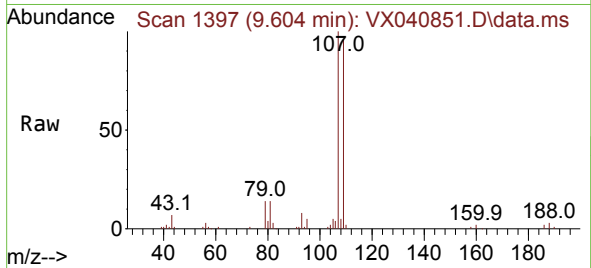




#61
1,2-Dibromoethane
Concen: 47.599 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

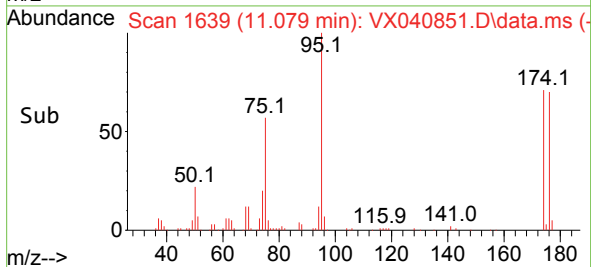
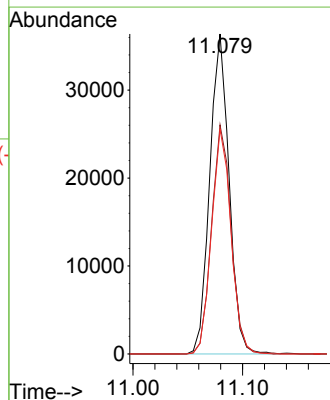
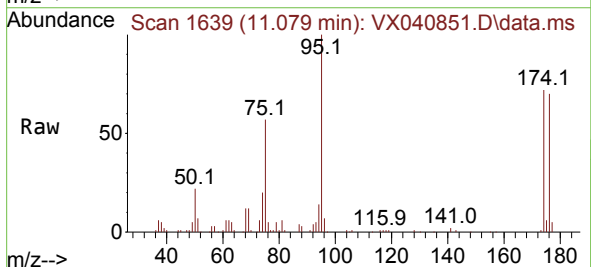
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

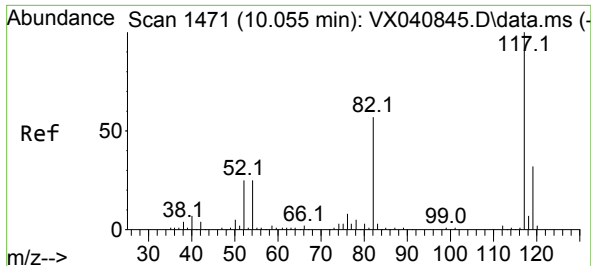
Tgt Ion:107 Resp: 32671
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 95 Resp: 44572
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.6 0.0 131.0

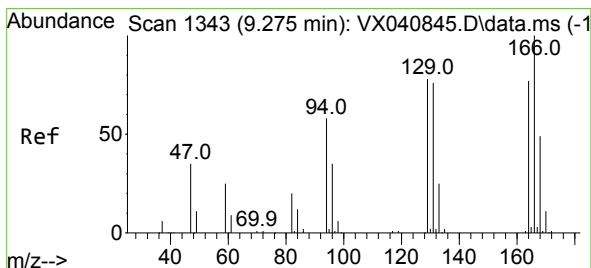
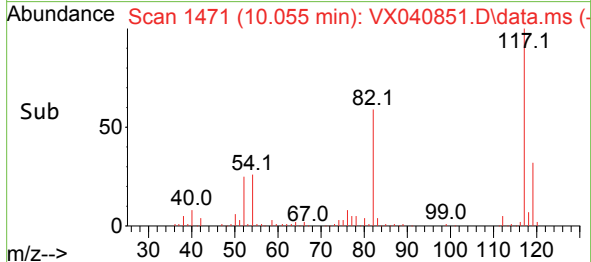
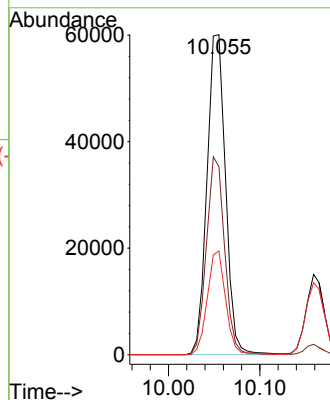
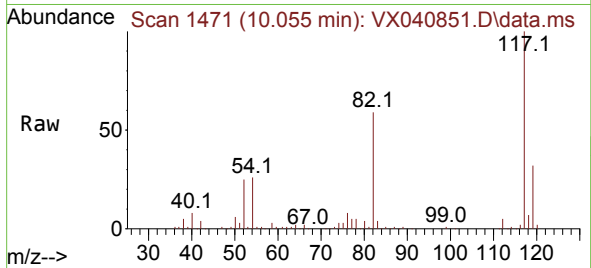




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

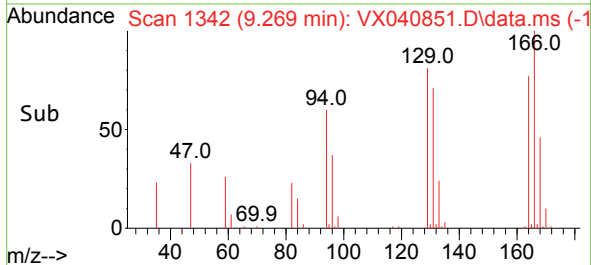
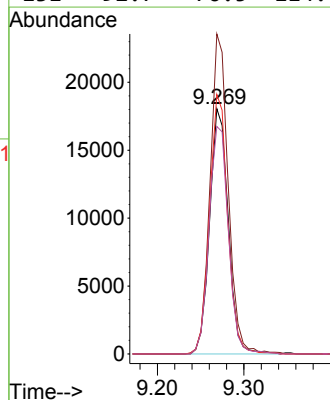
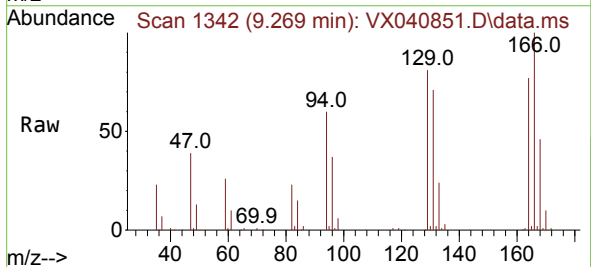
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

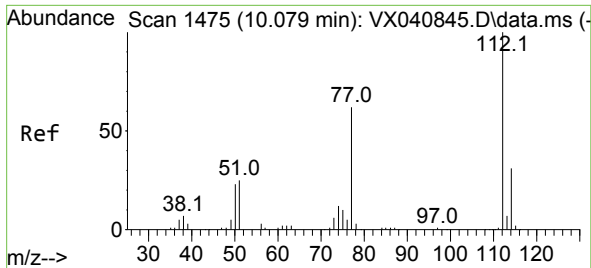
Tgt Ion:117 Resp: 84702
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 47.945 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:164 Resp: 26874
Ion Ratio Lower Upper
164 100
166 130.4 102.7 154.1
129 105.8 80.4 120.6
131 92.7 76.5 114.7

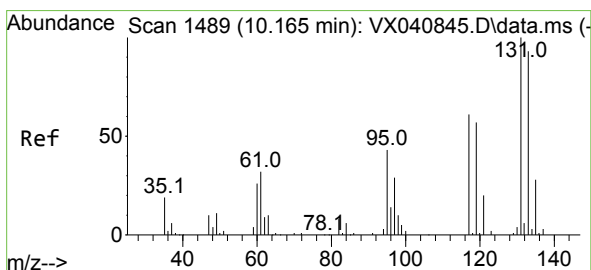
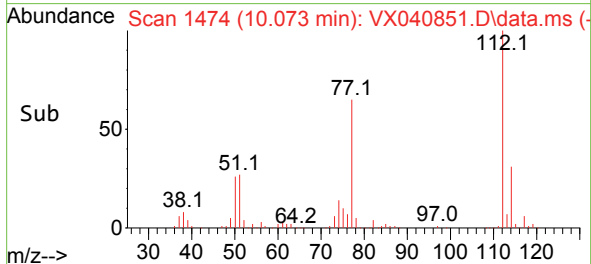
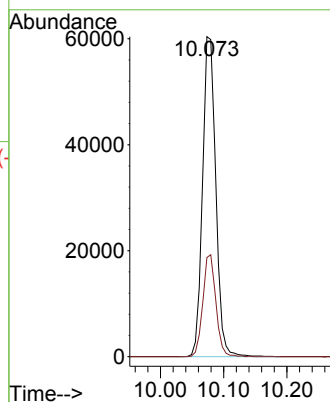
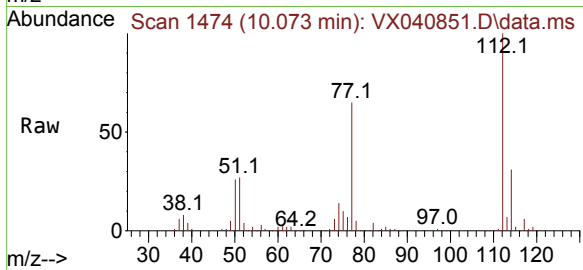




#65
Chlorobenzene
Concen: 47.594 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

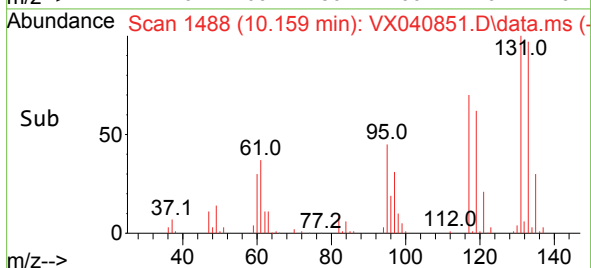
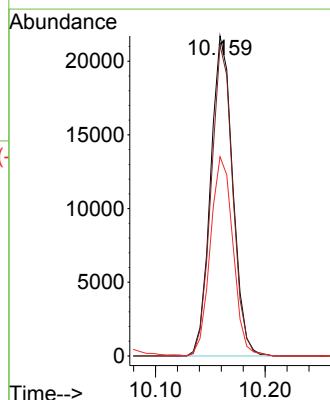
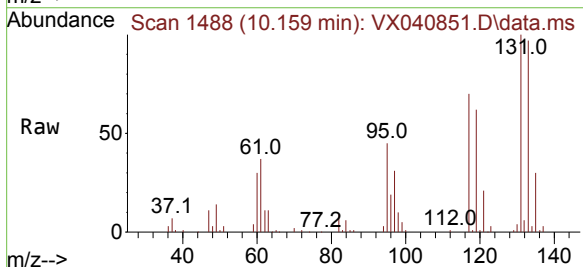
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

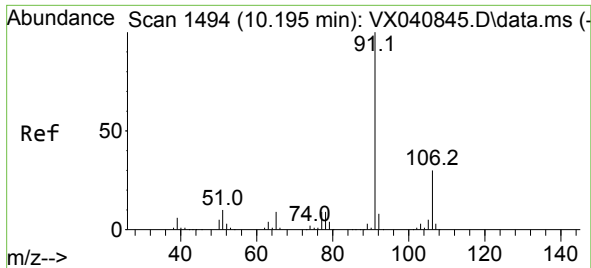
Tgt Ion:112 Resp: 88165
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.480 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:131 Resp: 30424
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.6 32.2 96.6





#67

Ethyl Benzene

Concen: 48.174 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

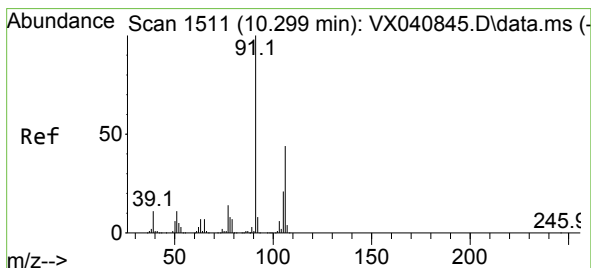
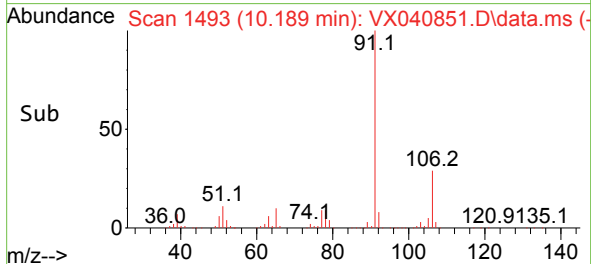
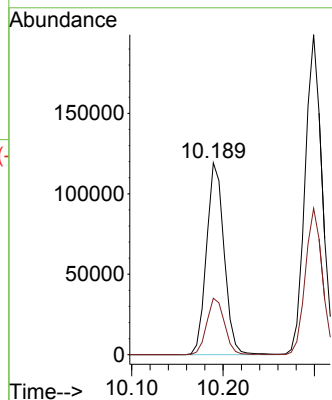
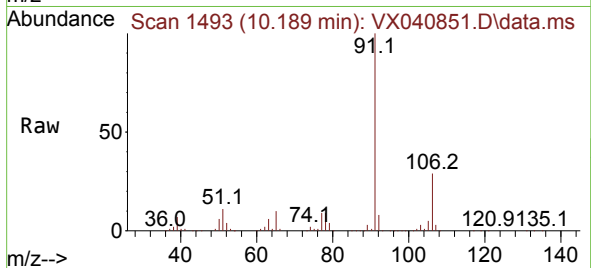
VSTDCCC050

Tgt Ion: 91 Resp: 159145

Ion Ratio Lower Upper

91 100

106 29.4 24.9 37.3



#68

m/p-Xylenes

Concen: 98.659 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040851.D

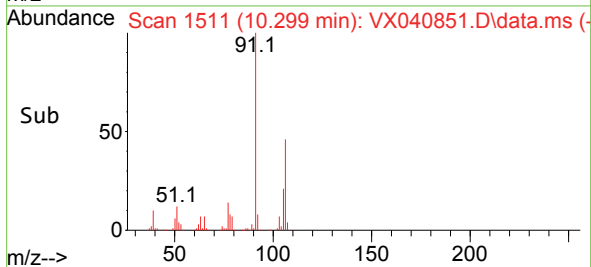
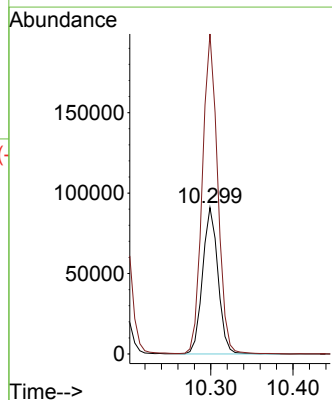
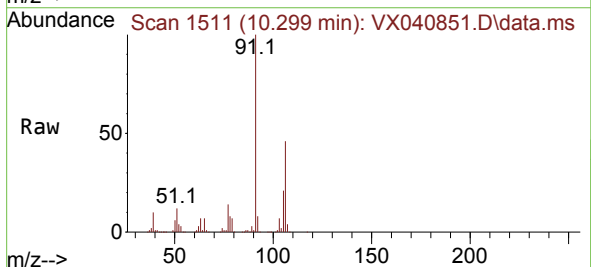
Acq: 02 Apr 2024 09:28

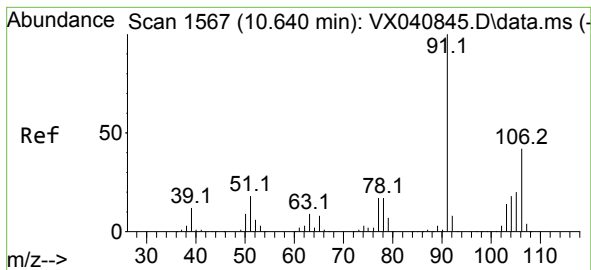
Tgt Ion: 106 Resp: 118587

Ion Ratio Lower Upper

106 100

91 217.8 165.5 248.3

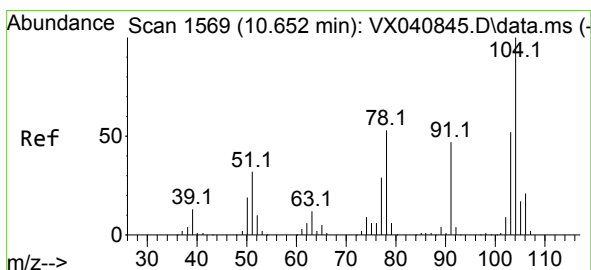
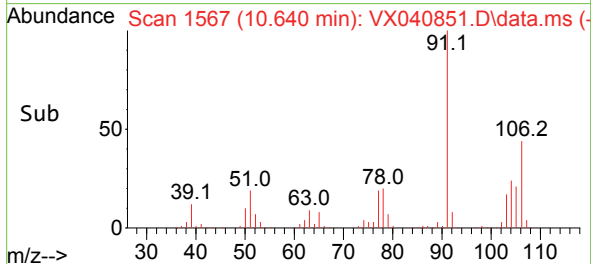
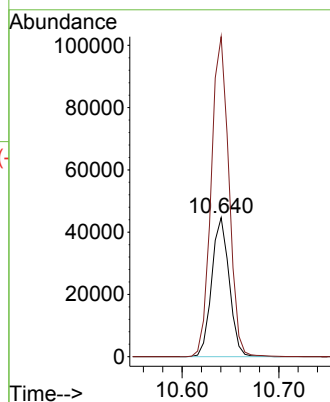
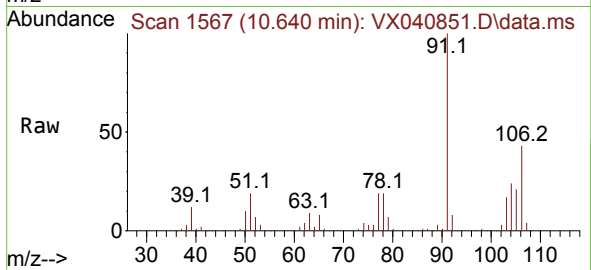




#69
o-Xylene
Concen: 49.618 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

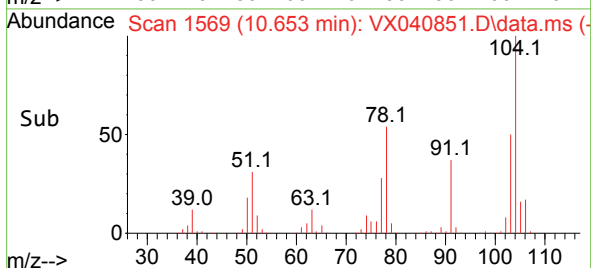
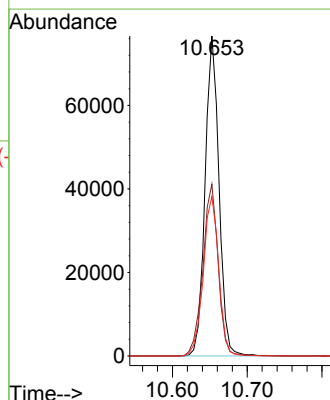
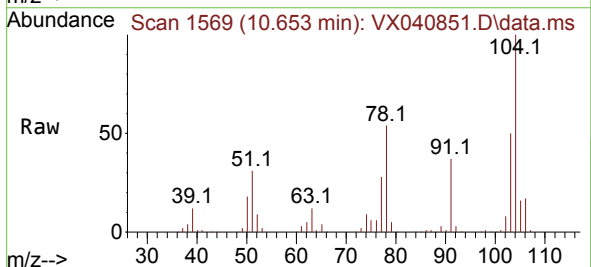
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

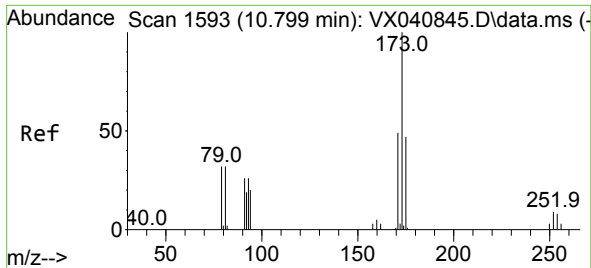
Tgt Ion:106 Resp: 56186
Ion Ratio Lower Upper
106 100
91 233.4 108.9 326.8



#70
Styrene
Concen: 50.414 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:104 Resp: 98925
Ion Ratio Lower Upper
104 100
78 58.8 43.6 65.4
103 55.5 43.6 65.4

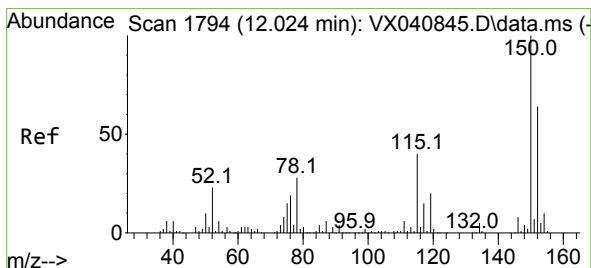
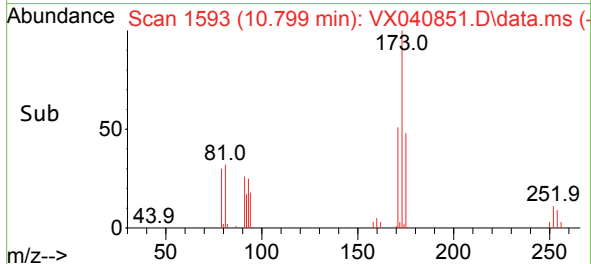
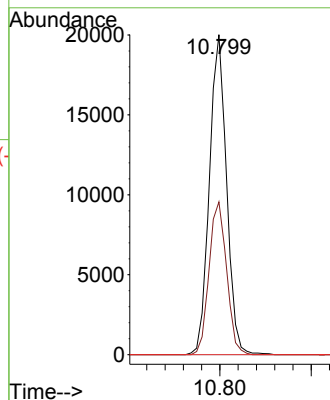
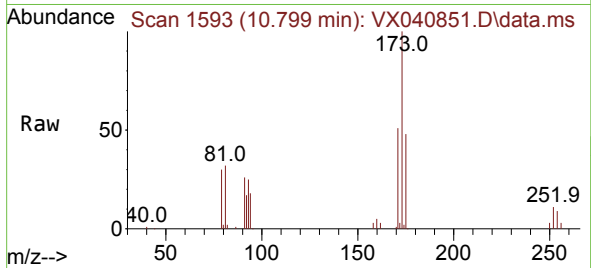




#71
Bromoform
Concen: 47.891 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

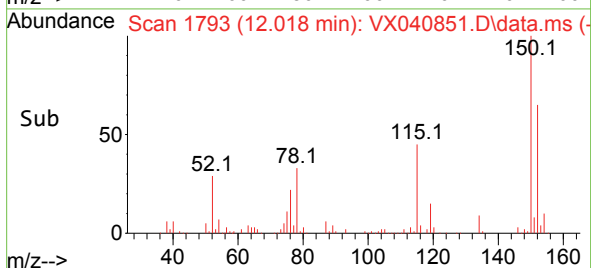
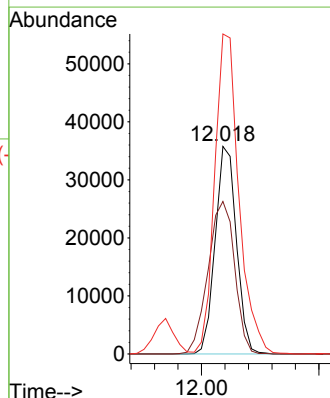
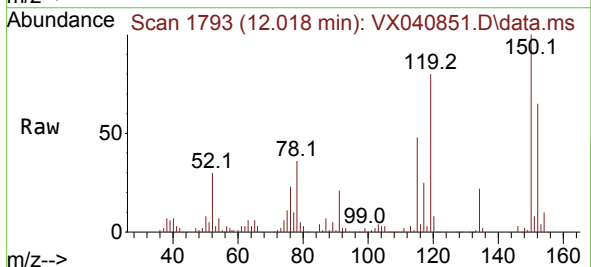
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

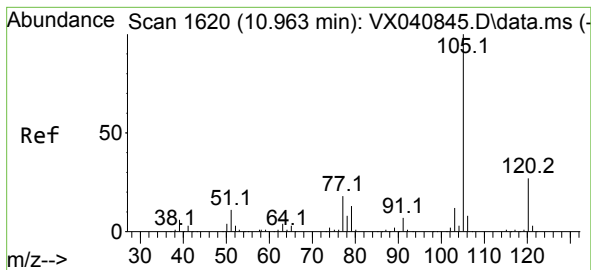
Tgt Ion:173	Resp:	26016
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:152	Resp:	44875
Ion Ratio	Lower	Upper
152	100	
115	92.0	43.3 129.9
150	175.6	0.0 345.0





#73

Isopropylbenzene

Concen: 49.032 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

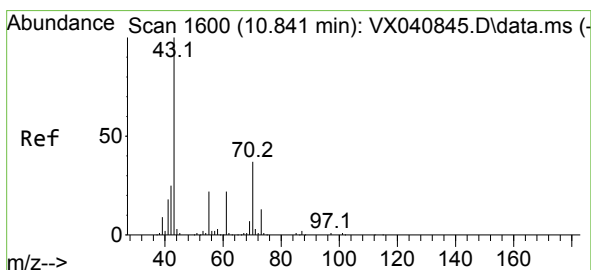
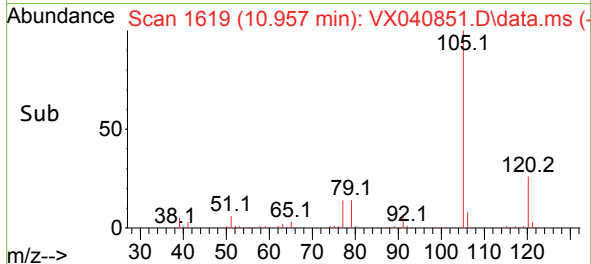
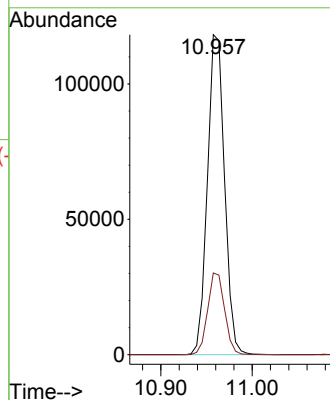
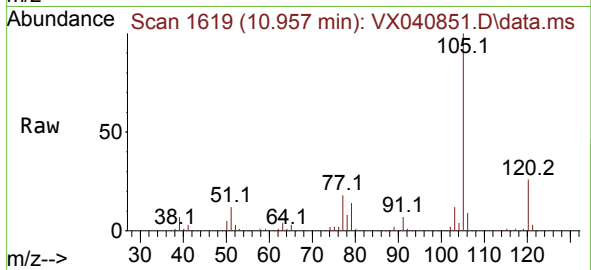
VSTDCCC050

Tgt Ion:105 Resp: 153675

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



#74

N-ethyl acetate

Concen: 49.813 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Tgt Ion: 43 Resp: 79077

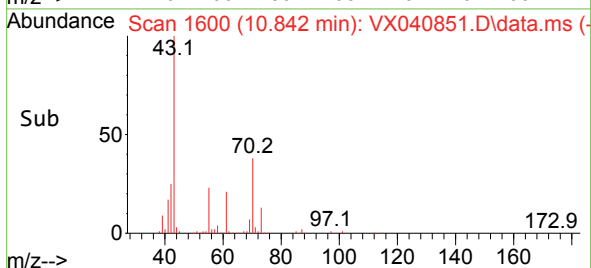
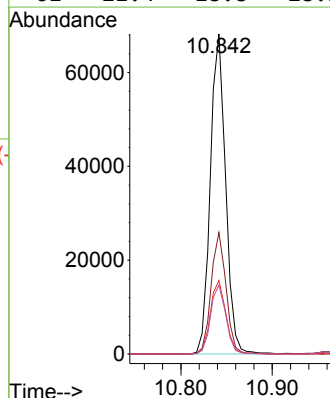
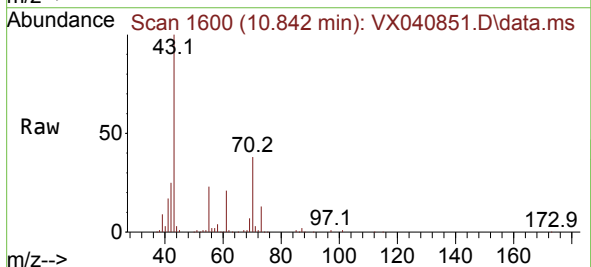
Ion Ratio Lower Upper

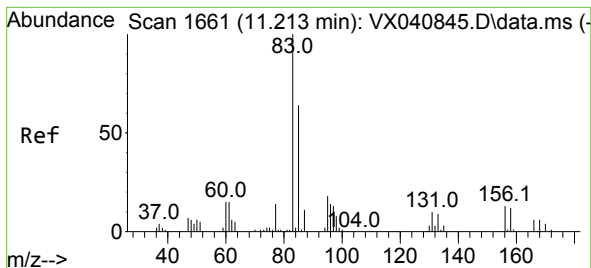
43 100

70 36.9 32.9 49.3

55 23.4 19.3 28.9

61 21.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.180 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

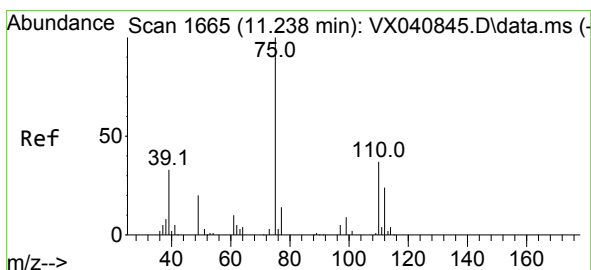
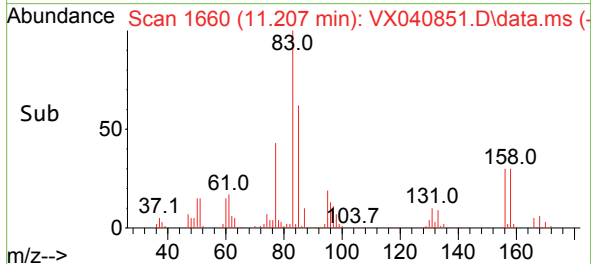
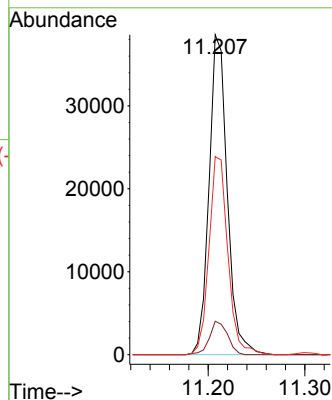
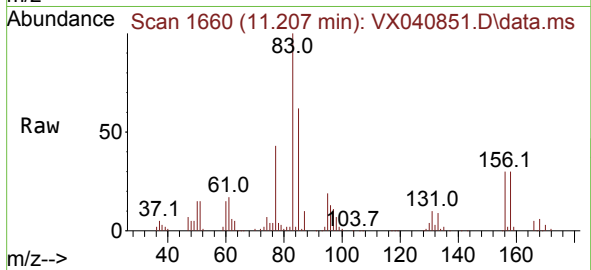
Tgt Ion: 83 Resp: 50561

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 62.927 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040851.D

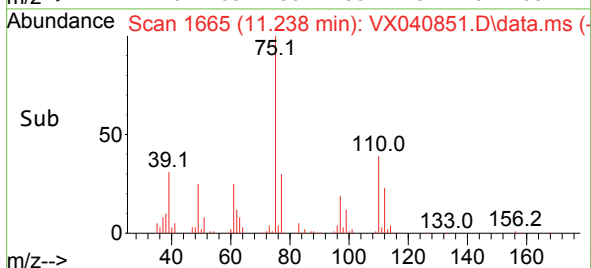
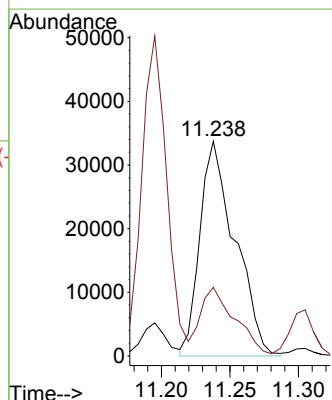
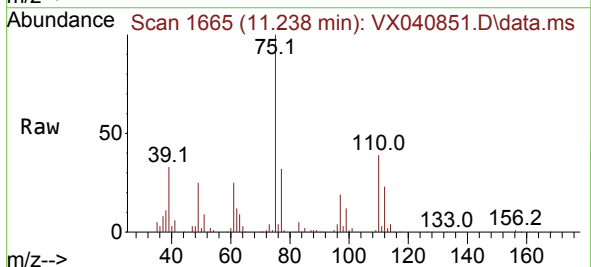
Acq: 02 Apr 2024 09:28

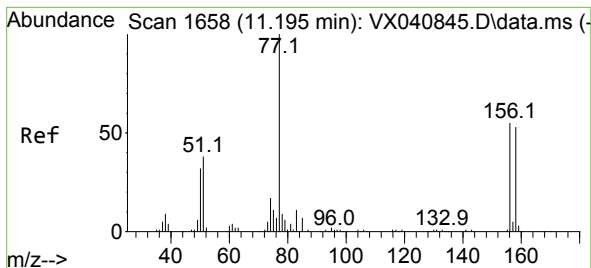
Tgt Ion: 75 Resp: 60216

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 48.595 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

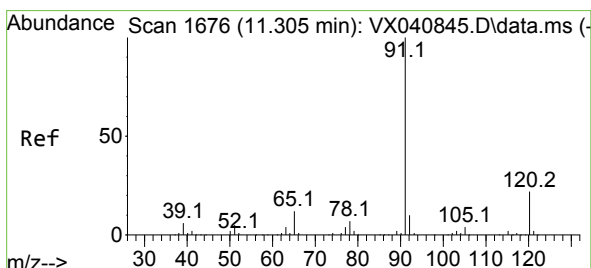
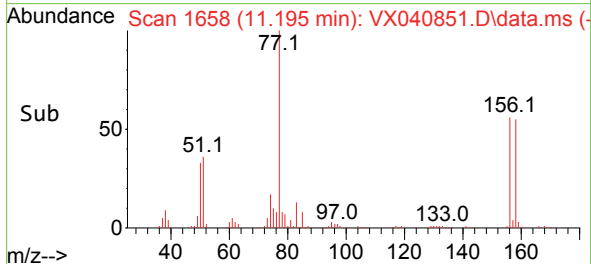
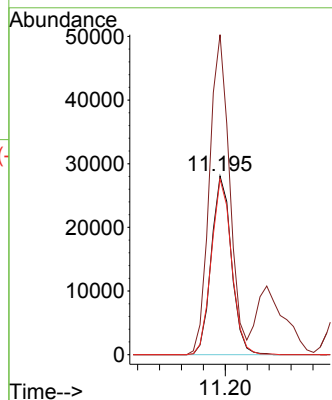
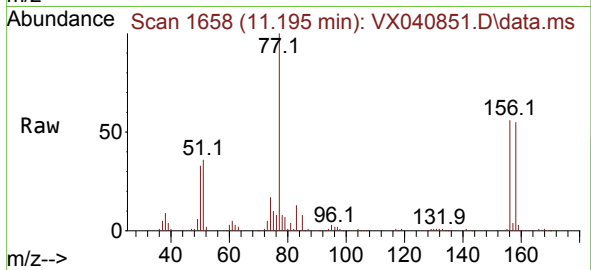
Tgt Ion:156 Resp: 35728

Ion Ratio Lower Upper

156 100

77 179.6 88.4 265.3

158 99.4 48.0 144.0



#78

n-propylbenzene

Concen: 48.521 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040851.D

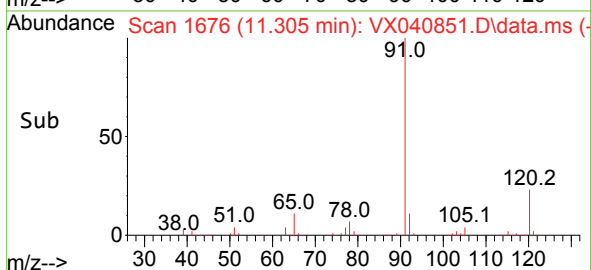
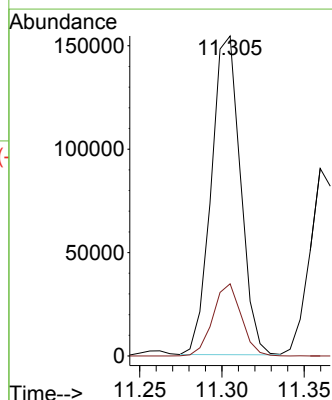
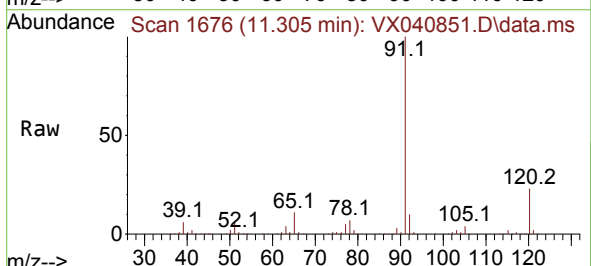
Acq: 02 Apr 2024 09:28

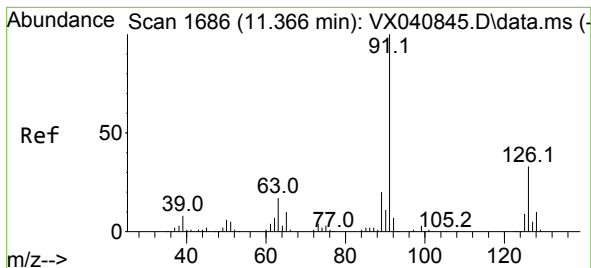
Tgt Ion: 91 Resp: 190057

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.785 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

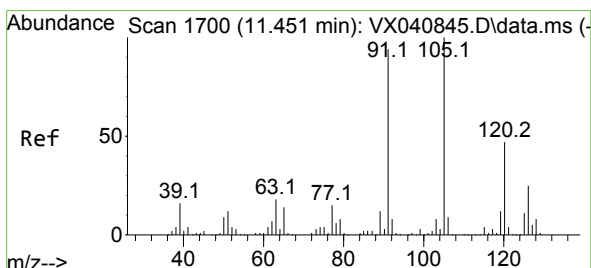
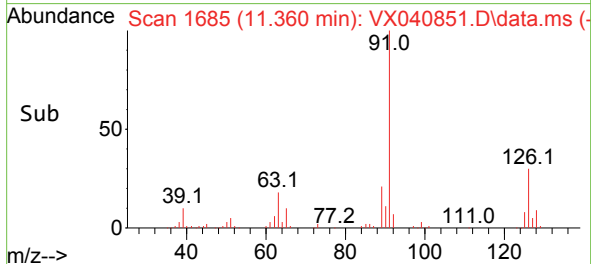
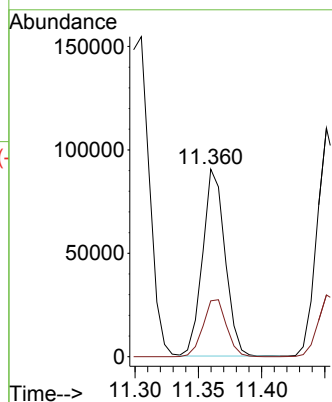
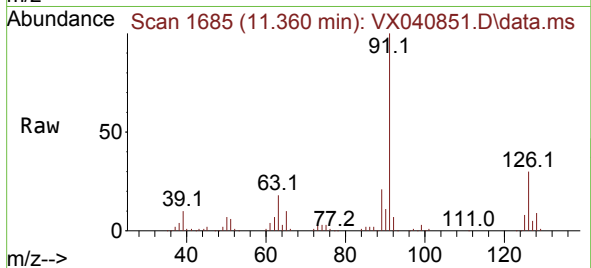
VSTDCCC050

Tgt Ion: 91 Resp: 111702

Ion Ratio Lower Upper

91 100

126 31.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.296 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040851.D

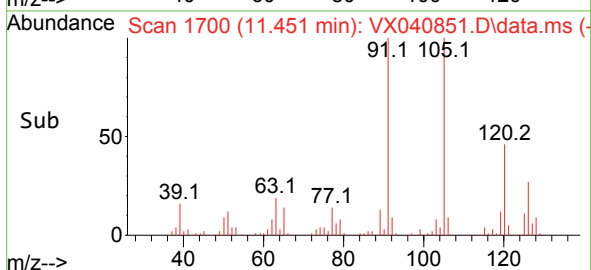
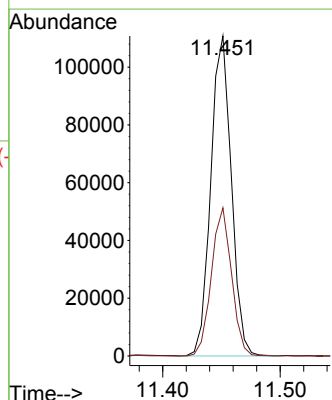
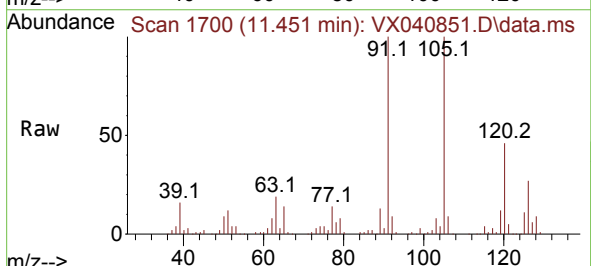
Acq: 02 Apr 2024 09:28

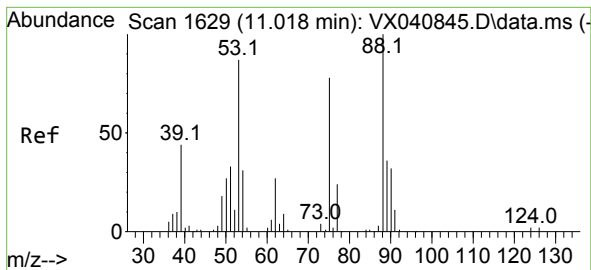
Tgt Ion:105 Resp: 134634

Ion Ratio Lower Upper

105 100

120 45.4 24.1 72.3

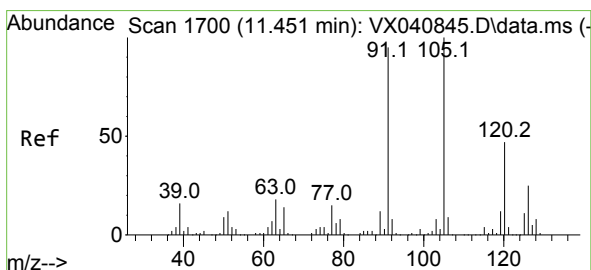
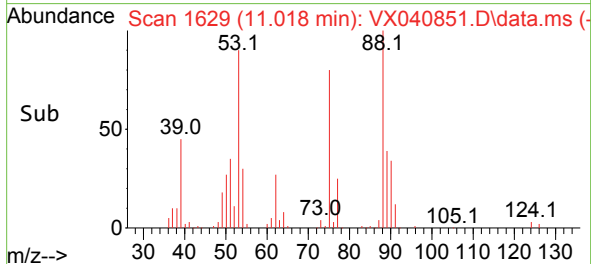
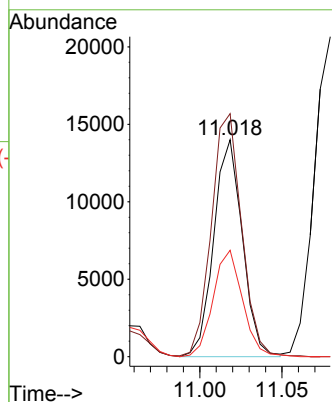
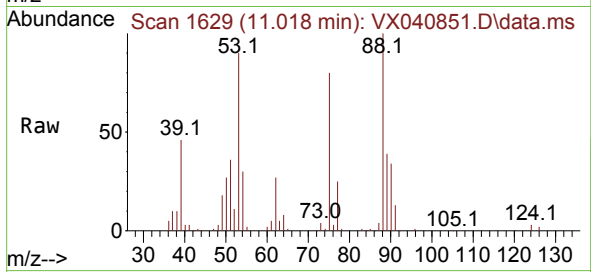




#81
trans-1,4-Dichloro-2-butene
Concen: 47.760 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

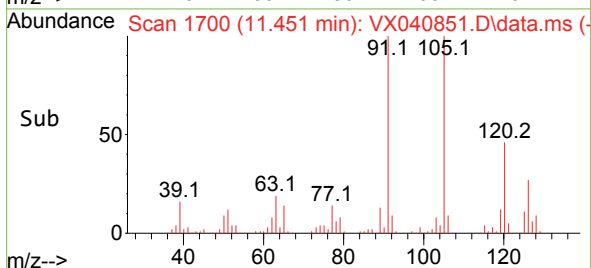
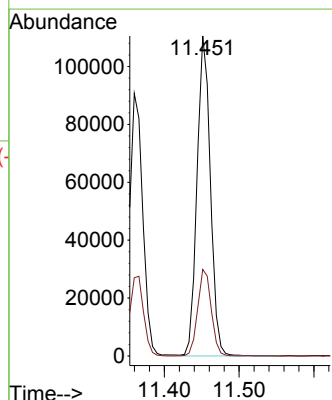
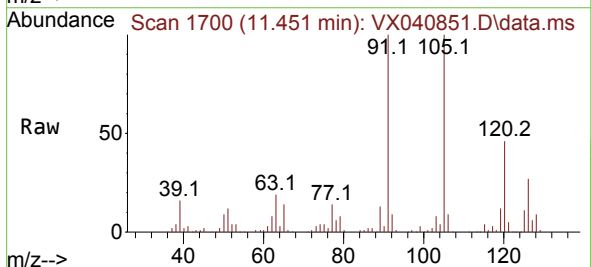
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

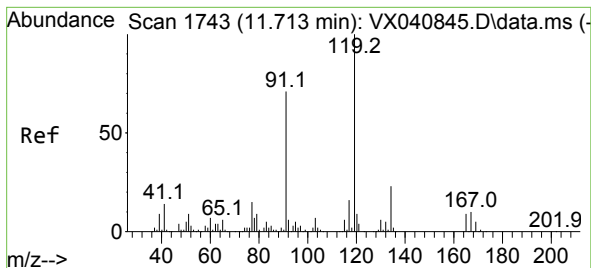
Tgt Ion: 75 Resp: 16939
Ion Ratio Lower Upper
75 100
53 118.5 90.5 135.7
89 50.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.187 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 91 Resp: 137276
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.804 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

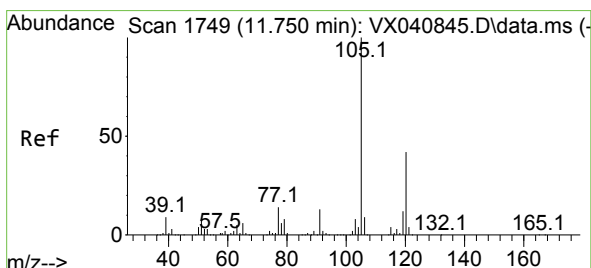
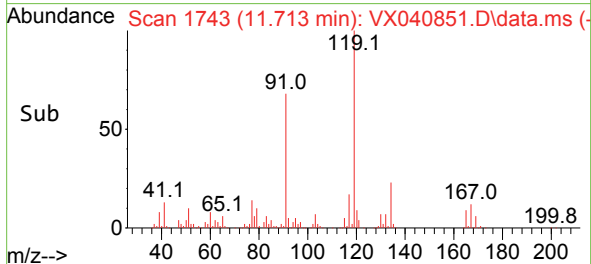
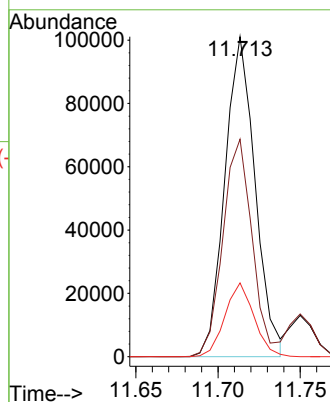
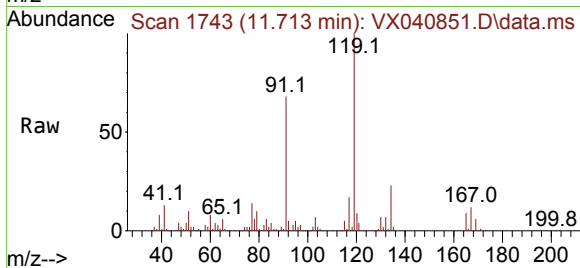
Tgt Ion:119 Resp: 129603

Ion Ratio Lower Upper

119 100

91 66.4 31.2 93.6

134 22.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 49.596 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040851.D

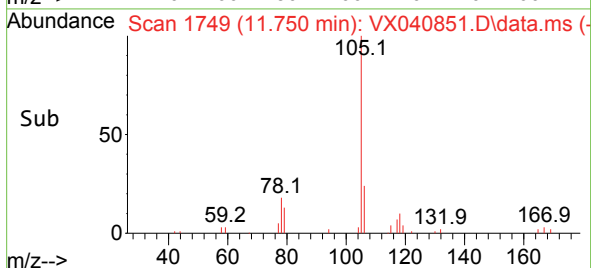
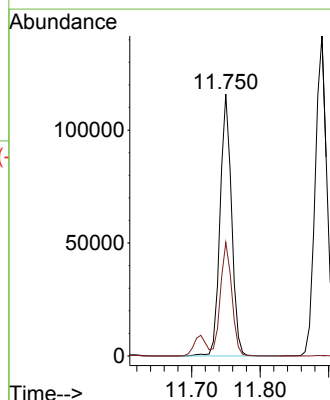
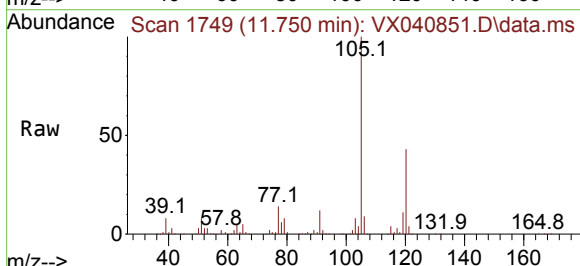
Acq: 02 Apr 2024 09:28

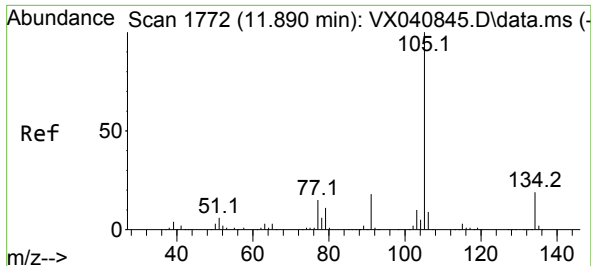
Tgt Ion:105 Resp: 133742

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6

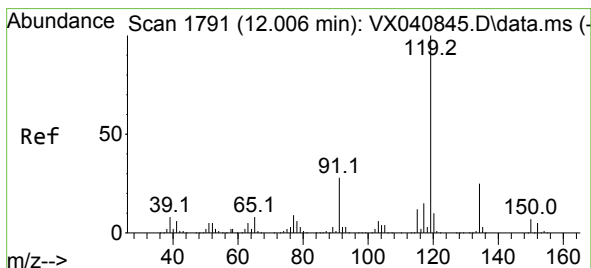
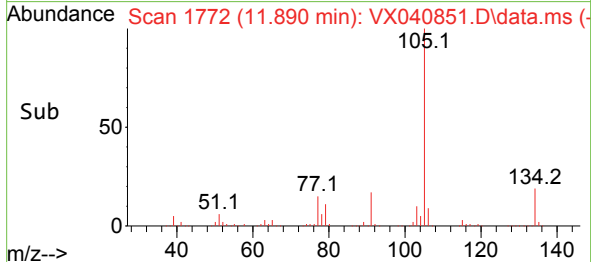
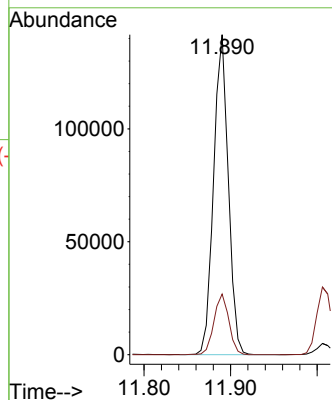
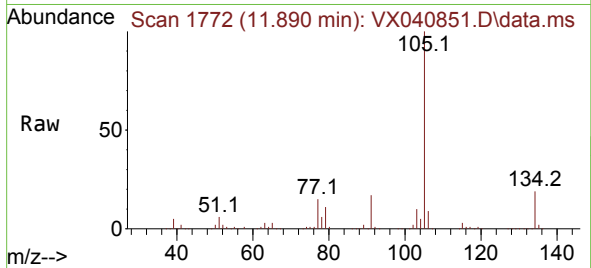




#85
 sec-Butylbenzene
 Concen: 49.510 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

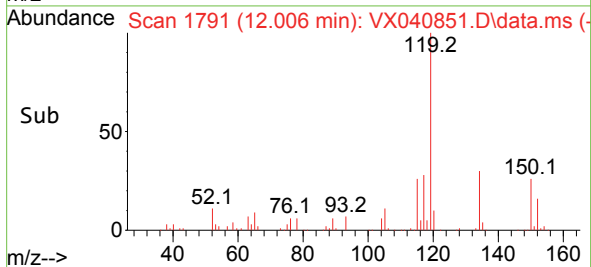
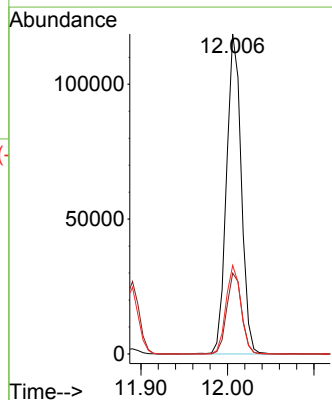
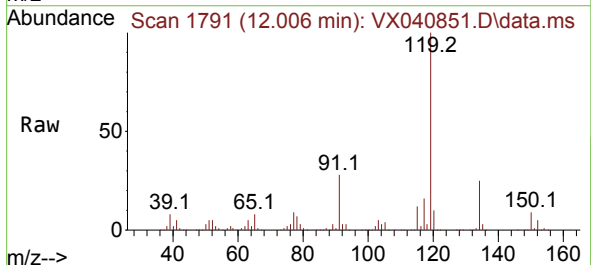
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

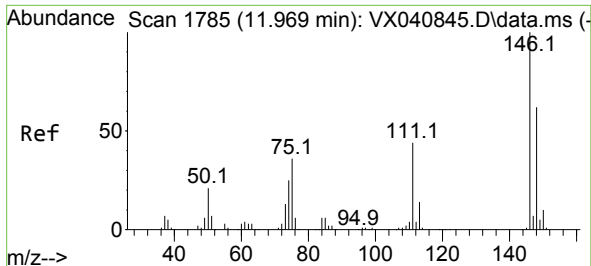
Tgt Ion:105 Resp: 166984
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.609 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040851.D
 Acq: 02 Apr 2024 09:28

Tgt Ion:119 Resp: 140335
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.9 13.1 39.3

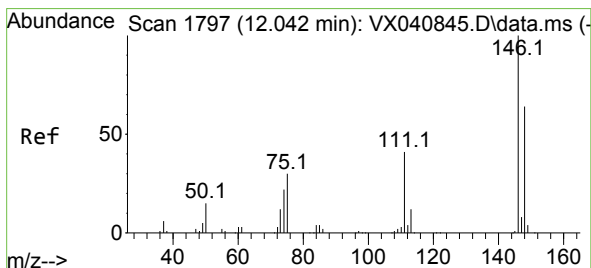
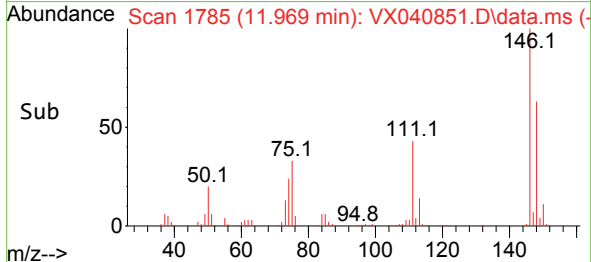
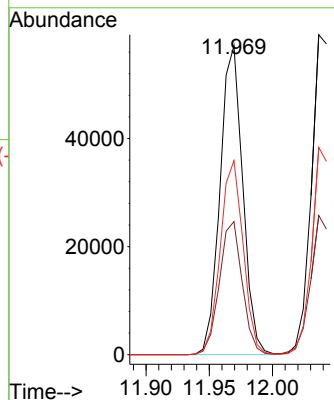
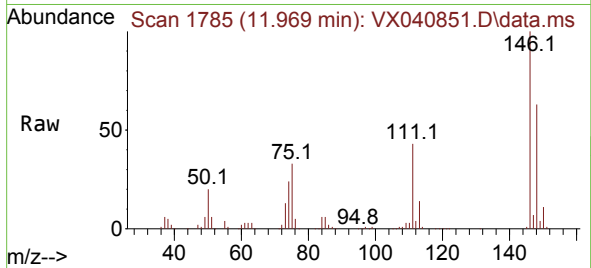




#87
1,3-Dichlorobenzene
Concen: 47.974 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

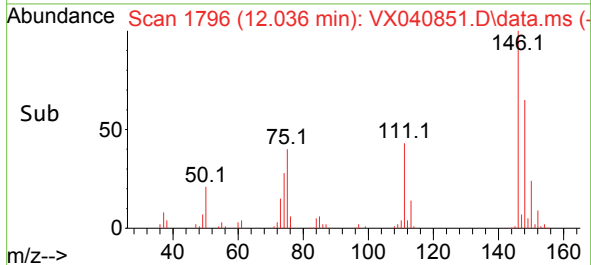
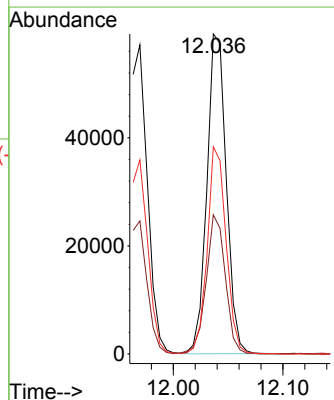
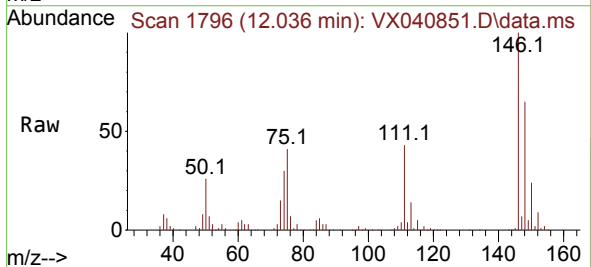
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

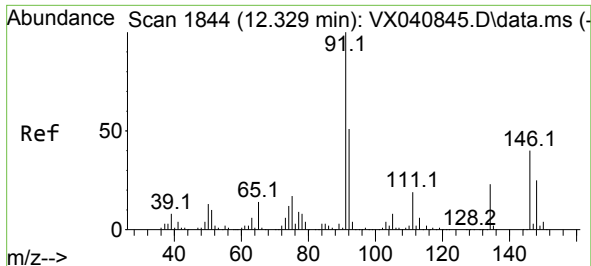
Tgt Ion:146 Resp: 71296
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.1
148 63.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 46.097 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion:146 Resp: 72689
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.7
148 63.2 31.8 95.4

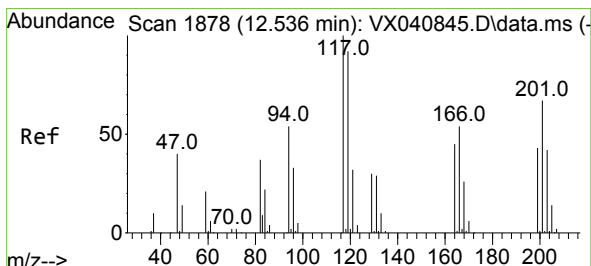
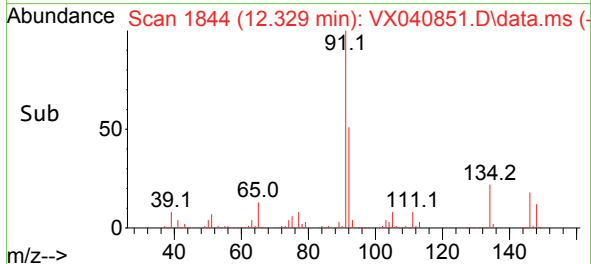
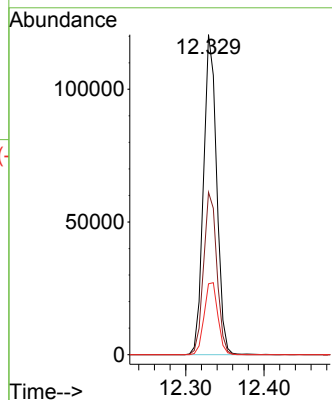
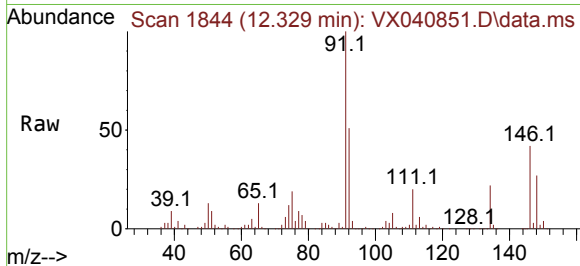




#89
n-Butylbenzene
Concen: 50.371 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

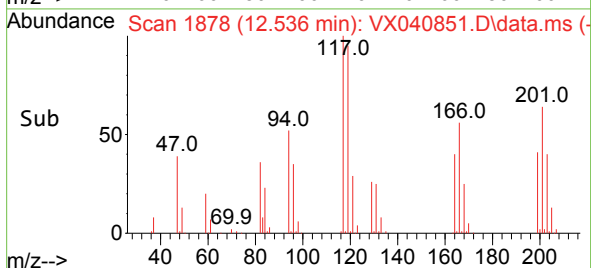
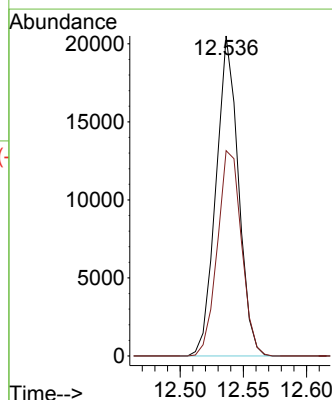
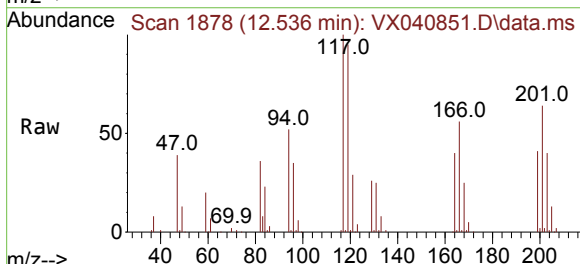
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

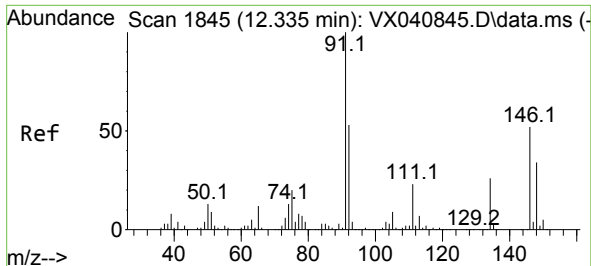
Tgt Ion: 91 Resp: 140769
Ion Ratio Lower Upper
91 100
92 51.2 27.4 82.0
134 23.4 12.6 37.8



#90
Hexachloroethane
Concen: 51.118 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 117 Resp: 25190
Ion Ratio Lower Upper
117 100
201 69.2 32.9 98.6

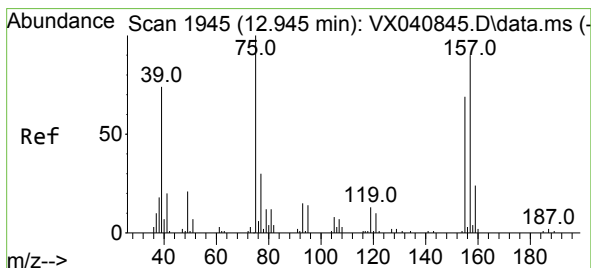
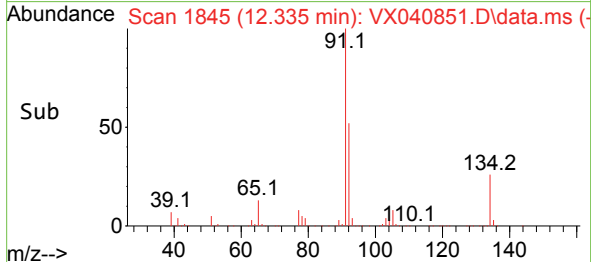
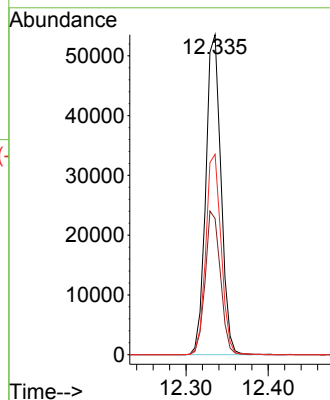
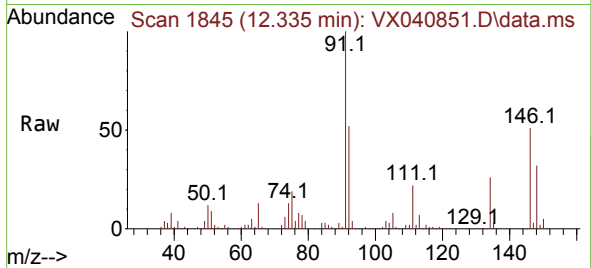




#91
1,2-Dichlorobenzene
Concen: 47.162 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

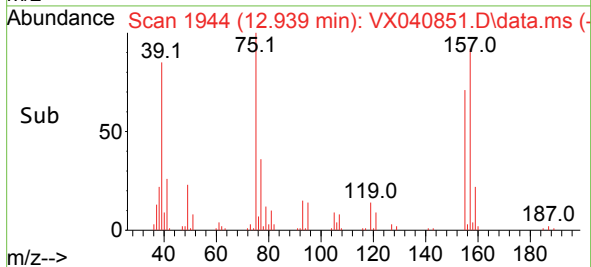
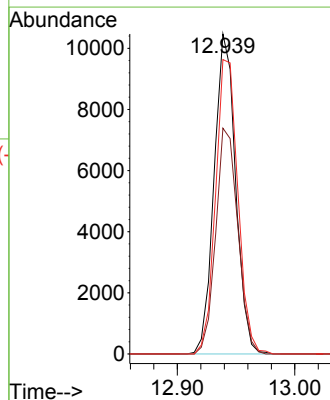
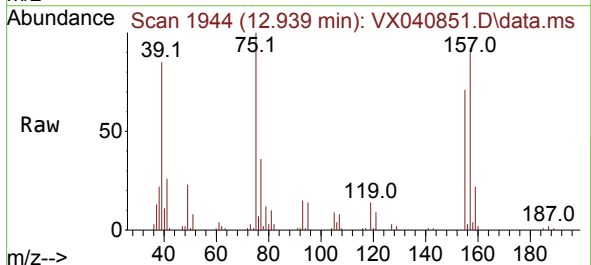
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MSVOA_X
ClientSampleId :
VSTDCCC050

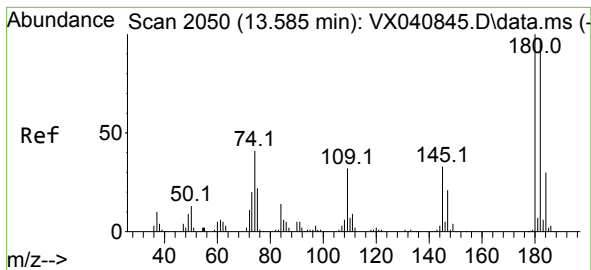
Tgt Ion:146 Resp: 68688
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.149 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040851.D
Acq: 02 Apr 2024 09:28

Tgt Ion: 75 Resp: 13259
Ion Ratio Lower Upper
75 100
155 72.7 36.1 108.5
157 95.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.810 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

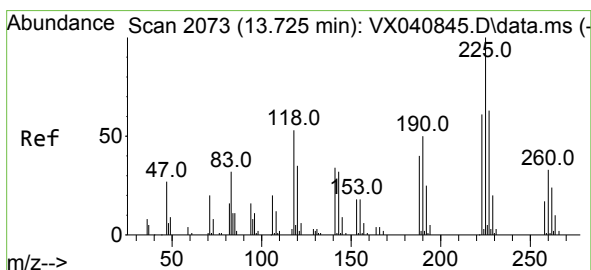
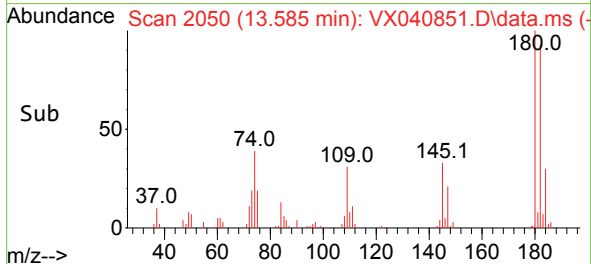
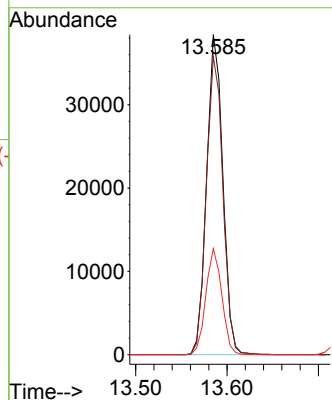
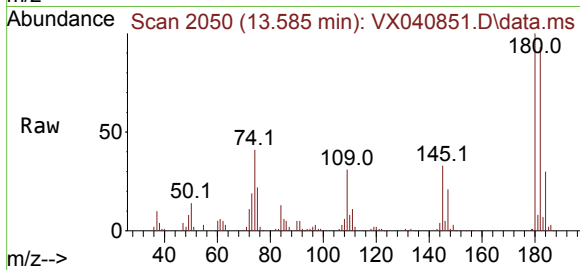
Tgt Ion:180 Resp: 47263

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 32.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 45.881 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

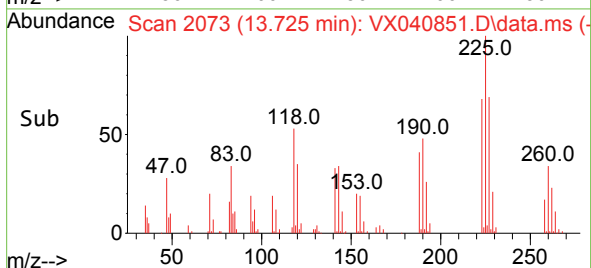
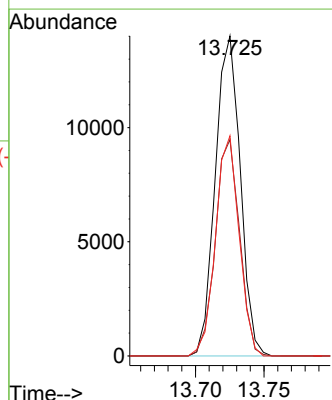
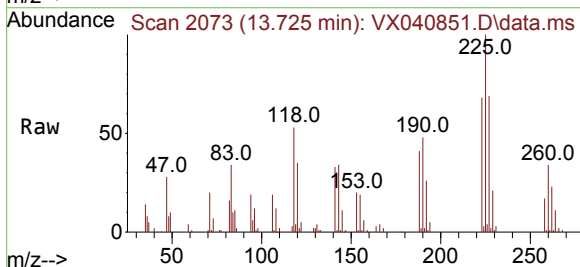
Tgt Ion:225 Resp: 17746

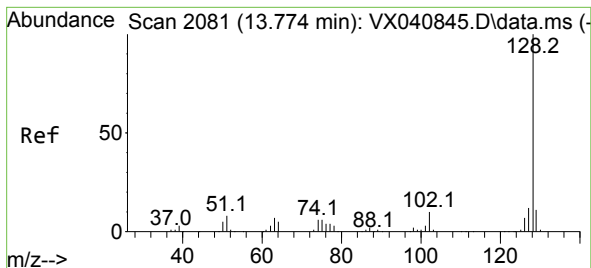
Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.2

227 65.0 32.5 97.5





#95

Naphthalene

Concen: 49.230 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

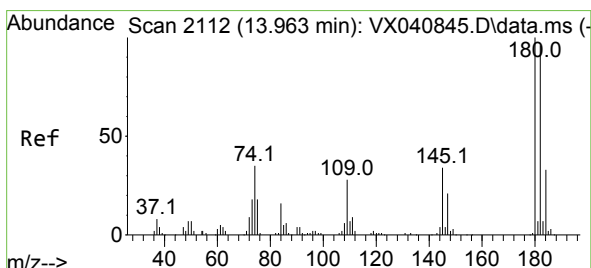
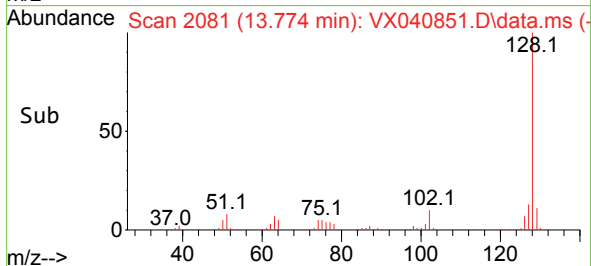
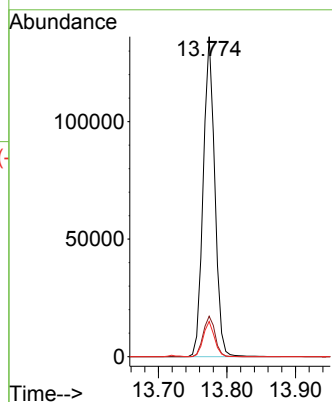
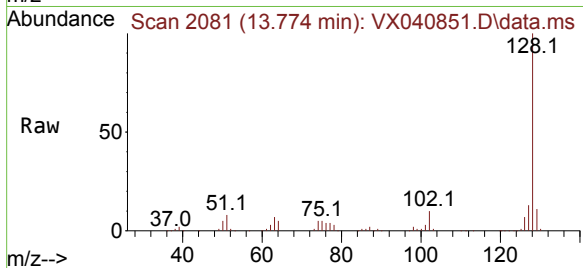
Tgt Ion:128 Resp: 160048

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.501 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX040851.D

Acq: 02 Apr 2024 09:28

Tgt Ion:180 Resp: 46718

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 34.5 17.8 53.5

