

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017330.D
 Acq On : 09 Feb 2024 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 22:21:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	105690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54175	57.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.760%	
35) Dibromofluoromethane	7.728	113	57575	62.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.100%	
50) Toluene-d8	10.191	98	209395	61.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 123.960%	
62) 4-Bromofluorobenzene	12.489	95	67990	61.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40691	50.787	ug/l	99
3) Chloromethane	2.119	50	77160	53.608	ug/l	98
4) Vinyl Chloride	2.253	62	93612	53.371	ug/l	97
5) Bromomethane	2.656	94	62848	51.691	ug/l	97
6) Chloroethane	2.802	64	59502	52.540	ug/l	96
7) Trichlorofluoromethane	3.131	101	95925	53.185	ug/l	99
8) Diethyl Ether	3.534	74	29883	52.673	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	58365	53.383	ug/l	99
10) Methyl Iodide	4.101	142	62844	54.675	ug/l	98
11) Tert butyl alcohol	4.960	59	20032	252.221	ug/l	100
12) 1,1-Dichloroethene	3.881	96	55260	53.940	ug/l	97
13) Acrolein	3.741	56	20538	263.139	ug/l	99
14) Allyl chloride	4.491	41	82199	53.074	ug/l	98
15) Acrylonitrile	5.174	53	66670	261.005	ug/l	99
16) Acetone	3.960	43	69708	251.196	ug/l	100
17) Carbon Disulfide	4.204	76	175703	53.728	ug/l	100
18) Methyl Acetate	4.485	43	34715	56.076	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	129396	52.444	ug/l	99
20) Methylene Chloride	4.729	84	64022	56.807	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	63300	54.314	ug/l	98
22) Diisopropyl ether	6.131	45	184037	54.110	ug/l	96
23) Vinyl Acetate	6.070	43	544972	264.444	ug/l	99
24) 1,1-Dichloroethane	6.033	63	110222	52.902	ug/l	99
25) 2-Butanone	6.996	43	92100	249.656	ug/l	96
26) 2,2-Dichloropropane	6.996	77	93407	53.898	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	71445	54.811	ug/l	98
28) Bromochloromethane	7.344	49	38188	47.868	ug/l	98
29) Tetrahydrofuran	7.356	42	55440	266.034	ug/l	99
30) Chloroform	7.515	83	113306	54.059	ug/l	99
31) Cyclohexane	7.795	56	97024	50.983	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	98112	54.420	ug/l	100
36) 1,1-Dichloropropene	7.929	75	90912	56.798	ug/l	100
37) Ethyl Acetate	7.082	43	39136	52.717	ug/l	99
38) Carbon Tetrachloride	7.911	117	87774	57.274	ug/l	99
39) Methylcyclohexane	9.191	83	106478	56.942	ug/l	99
40) Benzene	8.173	78	260244	56.935	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16756	47.638	ug/l #	80
42) 1,2-Dichloroethane	8.246	62	65697	54.285	ug/l	99
43) Isopropyl Acetate	8.283	43	71011	54.035	ug/l	100
44) Trichloroethene	8.953	130	67105	57.834	ug/l	93
45) 1,2-Dichloropropane	9.228	63	63178	56.271	ug/l	100
46) Dibromomethane	9.313	93	33998	56.058	ug/l	99
47) Bromodichloromethane	9.502	83	85017	56.013	ug/l	95
48) Methyl methacrylate	9.301	41	33631	54.559	ug/l	98
49) 1,4-Dioxane	9.307	88	7712	1168.269	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	196803	279.366	ug/l	99
52) Toluene	10.252	92	160643	58.224	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	81448	57.129	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	98661	57.776	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	45928	55.660	ug/l	99
56) Ethyl methacrylate	10.514	69	57316	51.529	ug/l	99
57) 1,3-Dichloropropane	10.794	76	79715	56.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	155835	303.147	ug/l	99
59) 2-Hexanone	10.837	43	140340	275.500	ug/l	99
60) Dibromochloromethane	10.990	129	54951	56.766	ug/l	98
61) 1,2-Dibromoethane	11.099	107	43228	56.329	ug/l	99
64) Tetrachloroethene	10.727	164	56818	58.086	ug/l	97
65) Chlorobenzene	11.526	112	164121	56.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	60505	57.303	ug/l	100
67) Ethyl Benzene	11.599	91	306685	58.405	ug/l	98
68) m/p-Xylenes	11.709	106	234763	117.809	ug/l	99
69) o-Xylene	12.038	106	108822	59.300	ug/l	98
70) Styrene	12.050	104	181464	60.016	ug/l	98
71) Bromoform	12.215	173	31612	57.168	ug/l #	98
73) Isopropylbenzene	12.337	105	287673	56.897	ug/l	99
74) N-amyl acetate	12.148	43	60340	53.113	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	51799	52.088	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	64558	101.629	ug/l #	100
77) Bromobenzene	12.617	156	60858	54.265	ug/l	98
78) n-propylbenzene	12.678	91	354882	57.149	ug/l	100
79) 2-Chlorotoluene	12.764	91	191696	56.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	231586	57.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	16205	53.007	ug/l	98
82) 4-Chlorotoluene	12.861	91	197428	56.189	ug/l	100
83) tert-Butylbenzene	13.081	119	200453	58.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	230694	58.122	ug/l	97
85) sec-Butylbenzene	13.257	105	308600	57.283	ug/l	99
86) p-Isopropyltoluene	13.373	119	248771	57.787	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	124858	55.807	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	121479	55.888	ug/l	99
89) n-Butylbenzene	13.703	91	238012	58.150	ug/l	99
90) Hexachloroethane	13.965	117	49422	55.921	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	105789	55.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6681	51.578	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	55558	58.726	ug/l	97
94) Hexachlorobutadiene	15.117	225	31877	57.211	ug/l	98
95) Naphthalene	15.239	128	98114	51.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46685	58.022	ug/l	99

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ClientSampleId :
VSTDCCC050

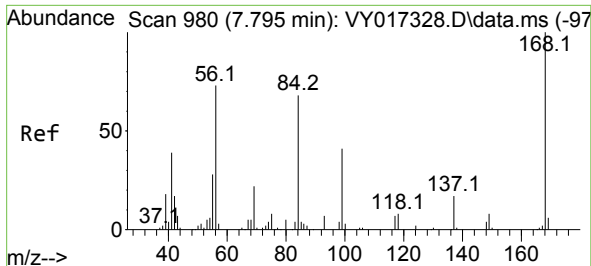
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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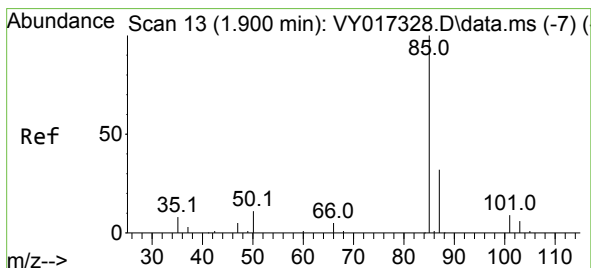
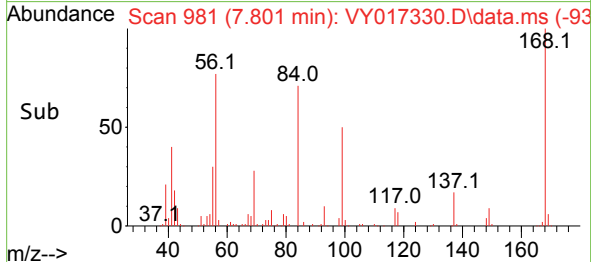
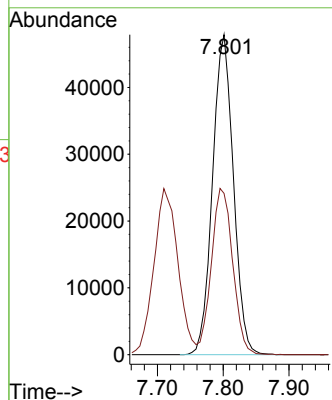
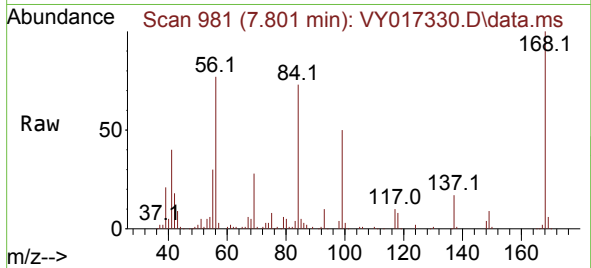




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

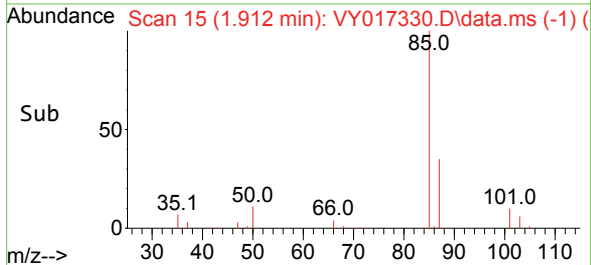
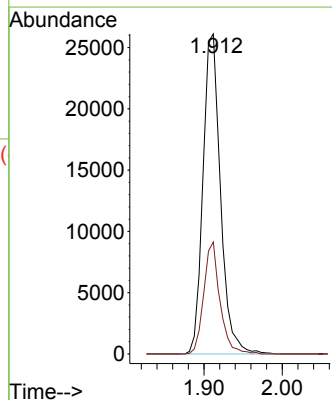
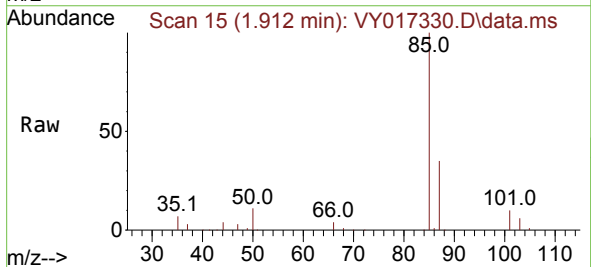
Instrument :
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ClientSampleId :
VSTDCCC050

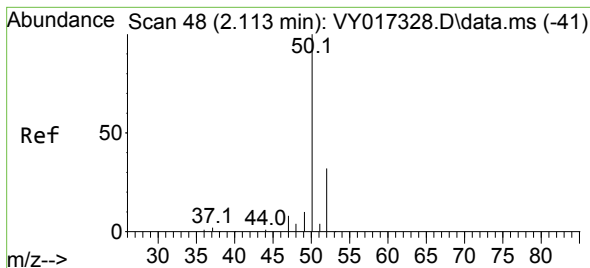
Tgt Ion:168 Resp: 105690
Ion Ratio Lower Upper
168 100
99 50.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 50.787 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 85 Resp: 40691
Ion Ratio Lower Upper
85 100
87 35.0 17.1 51.3





#3

Chloromethane

Concen: 53.608 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

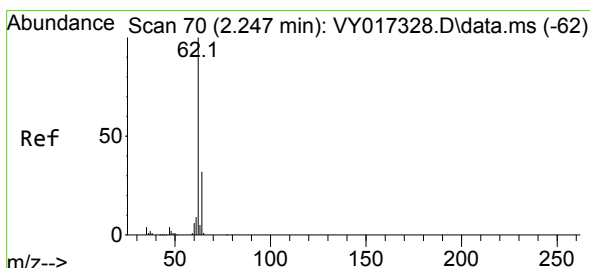
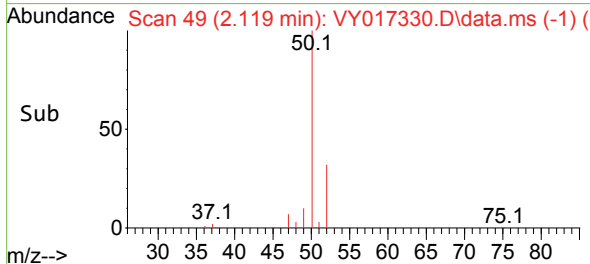
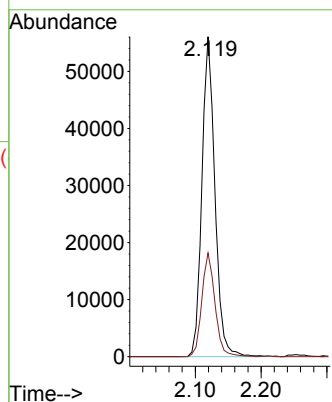
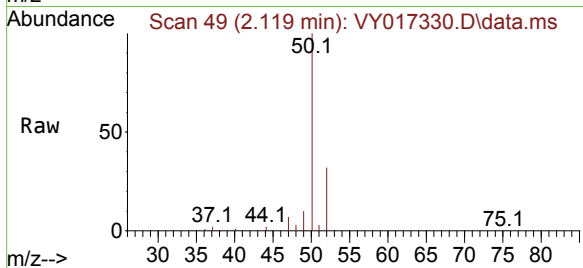
VSTDCCC050

Tgt Ion: 50 Resp: 77160

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 53.371 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017330.D

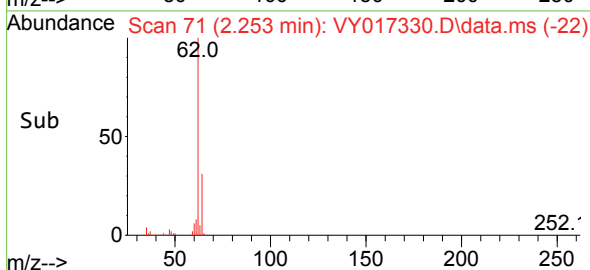
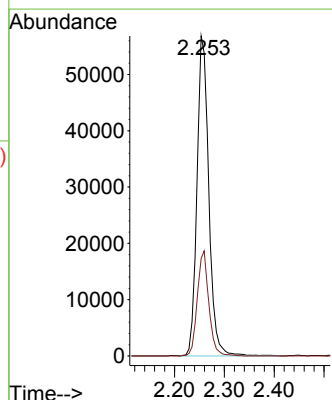
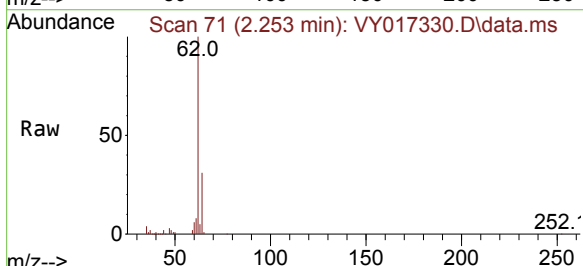
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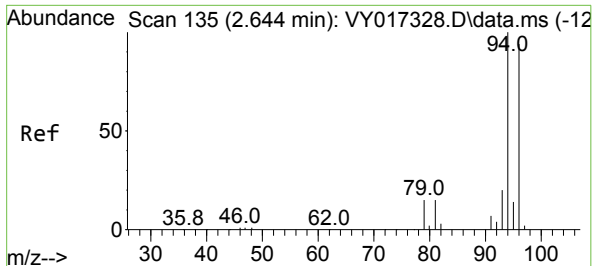
Tgt Ion: 62 Resp: 93612

Ion Ratio Lower Upper

62 100

64 30.5 25.7 38.5





#5

Bromomethane

Concen: 51.691 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

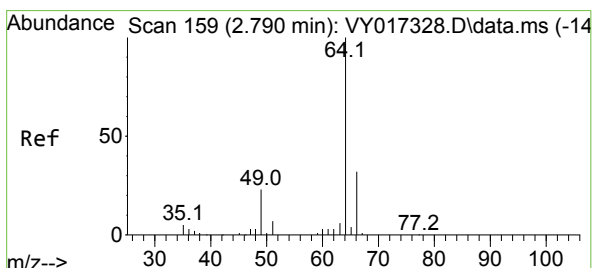
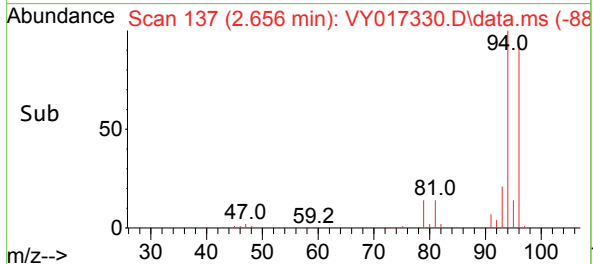
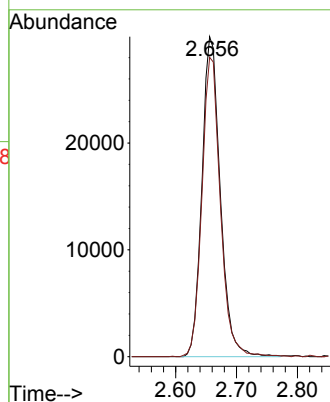
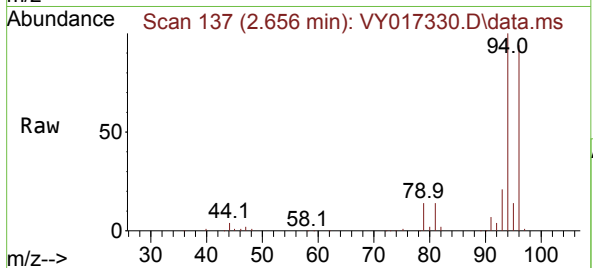
VSTDCCC050

Tgt Ion: 94 Resp: 62848

Ion Ratio Lower Upper

94 100

96 93.5 77.3 115.9



#6

Chloroethane

Concen: 52.540 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY017330.D

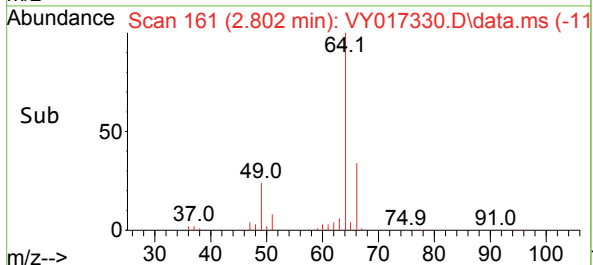
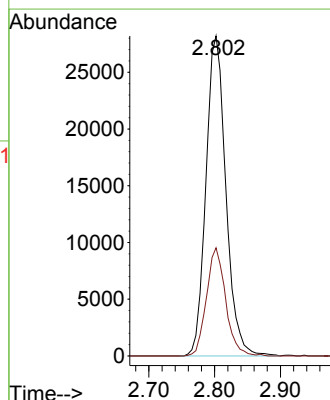
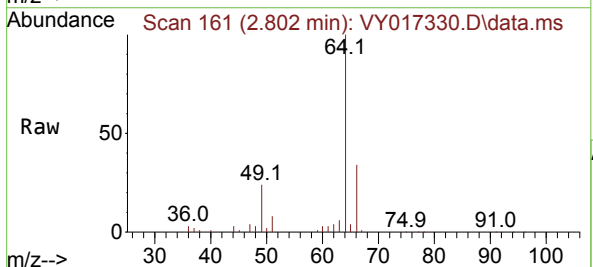
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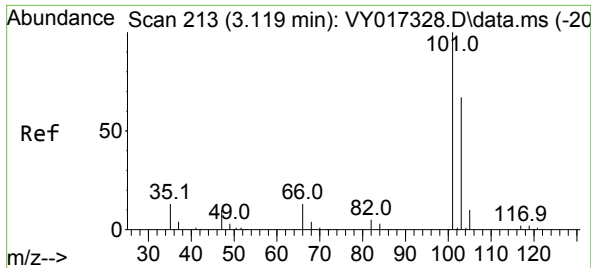
Tgt Ion: 64 Resp: 59502

Ion Ratio Lower Upper

64 100

66 33.8 25.1 37.7

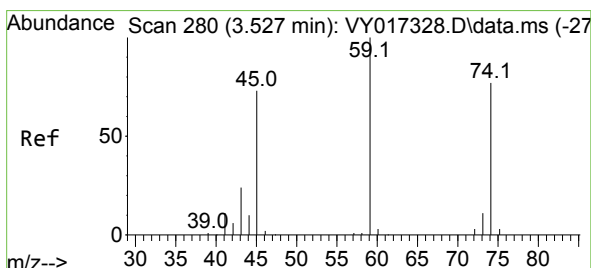
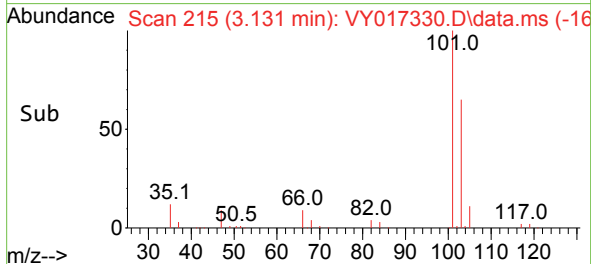
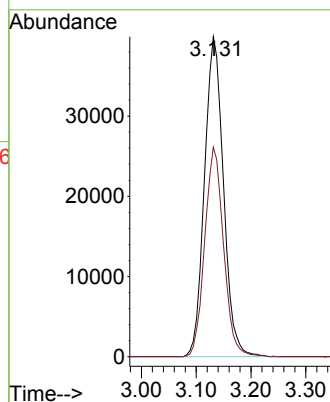
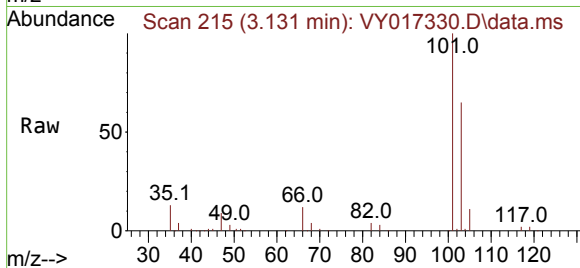




#7
Trichlorofluoromethane
Concen: 53.185 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

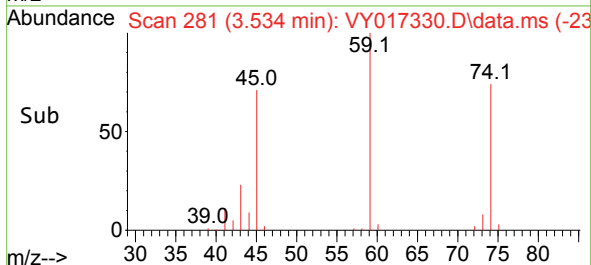
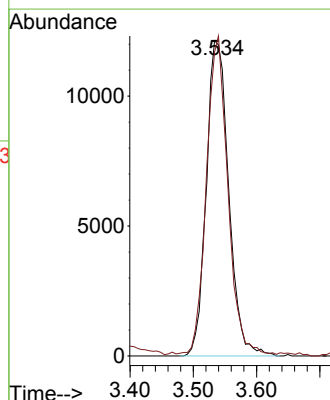
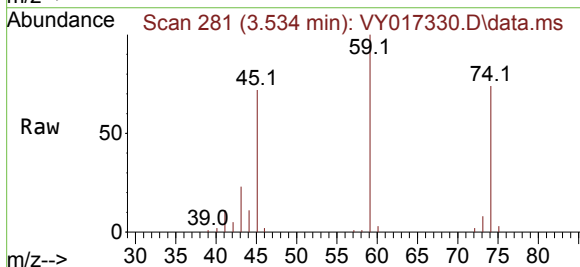
Instrument :
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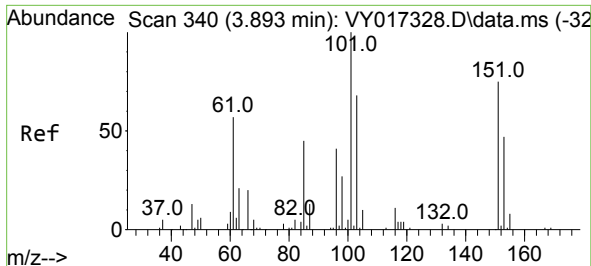
Tgt Ion:101 Resp: 95925
Ion Ratio Lower Upper
101 100
103 65.5 51.9 77.9



#8
Diethyl Ether
Concen: 52.673 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 74 Resp: 29883
Ion Ratio Lower Upper
74 100
45 96.0 47.9 143.7

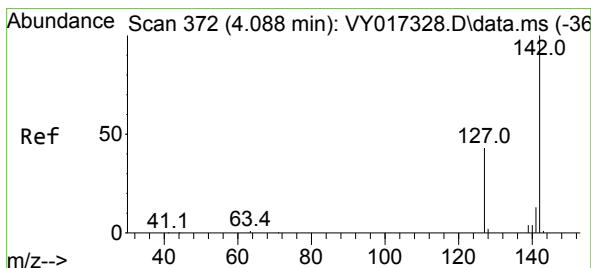
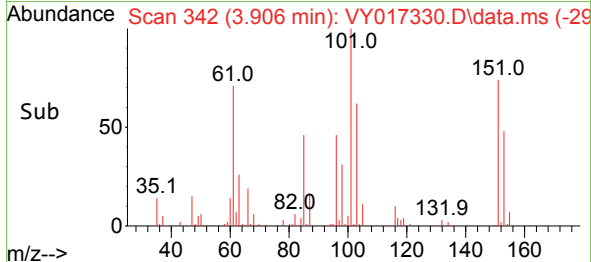
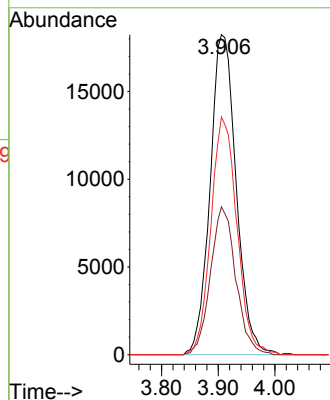
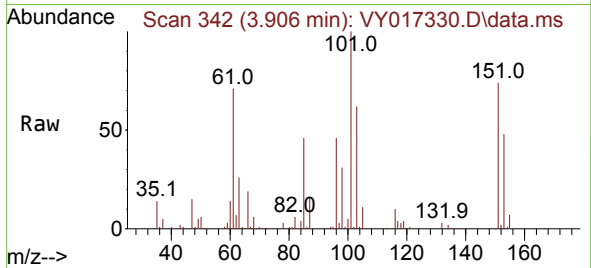




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.383 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017330.D
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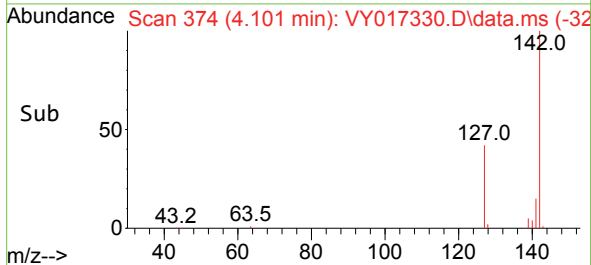
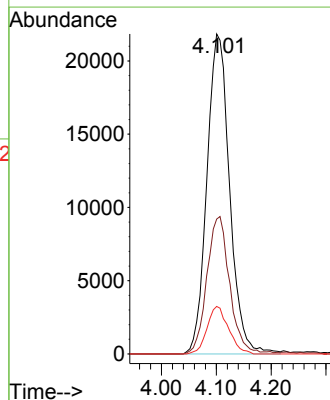
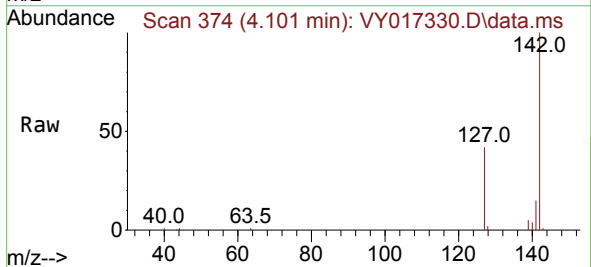
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

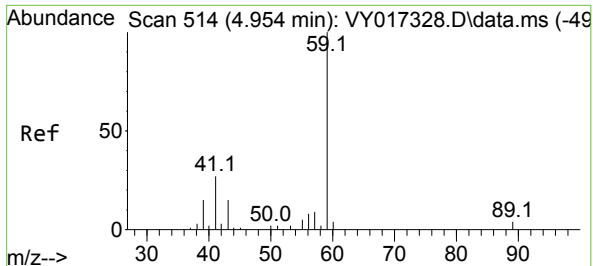
Tgt Ion:101 Resp: 58365
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 73.9 58.6 88.0



#10
Methyl Iodide
Concen: 54.675 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:142 Resp: 62844
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.0 11.8 17.6

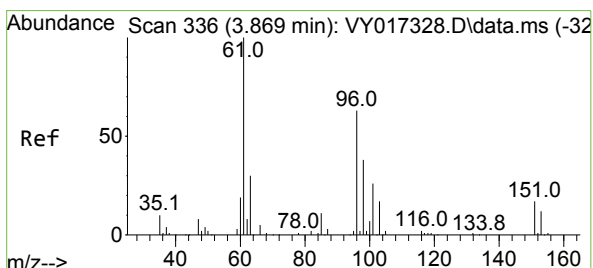
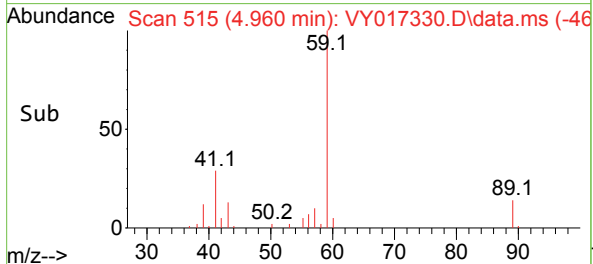
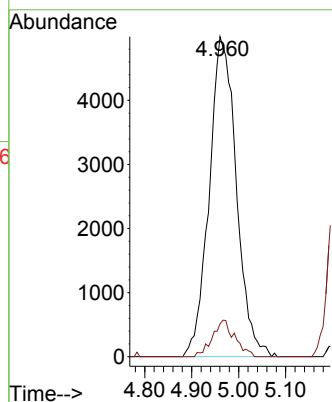
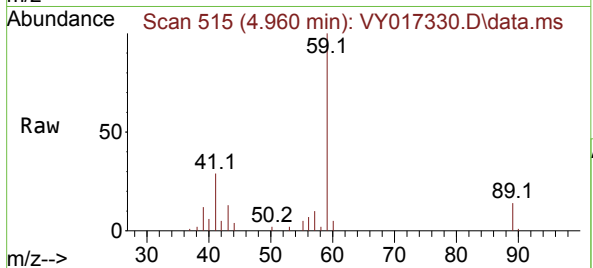




#11
Tert butyl alcohol
Concen: 252.221 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

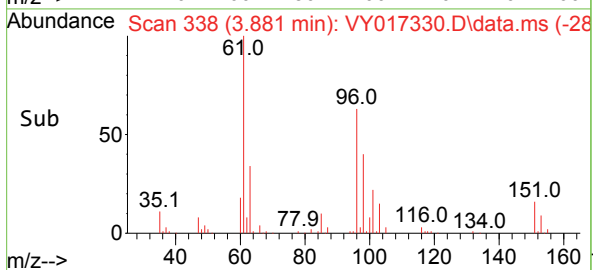
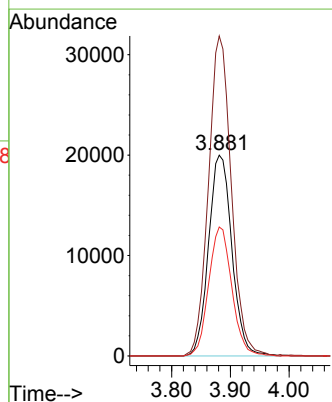
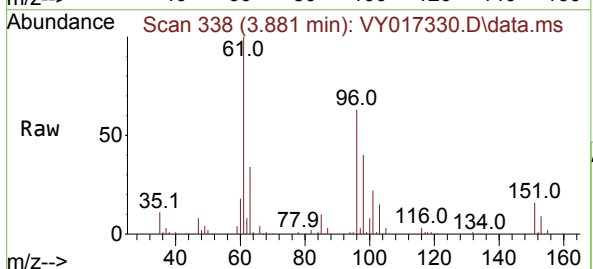
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

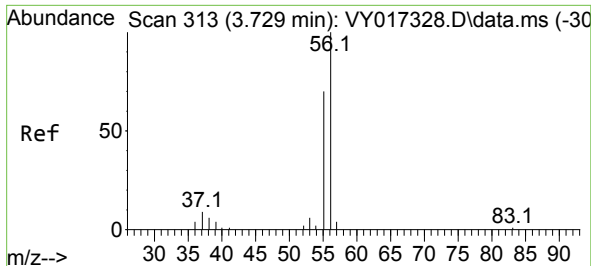
Tgt Ion: 59 Resp: 20032
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 53.940 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 96 Resp: 55260
Ion Ratio Lower Upper
96 100
61 159.4 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 263.139 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

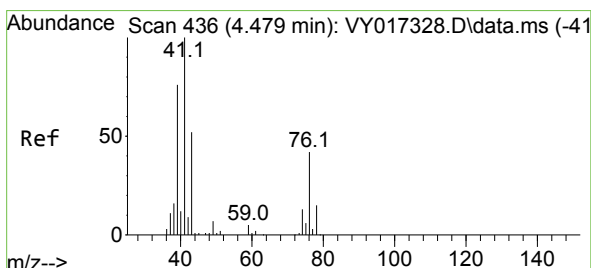
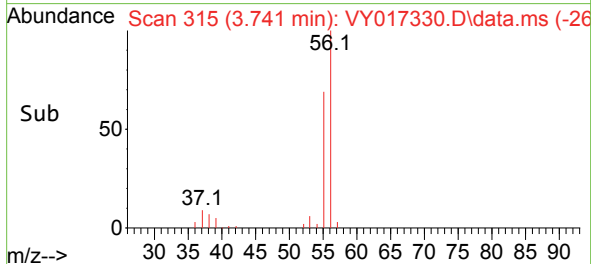
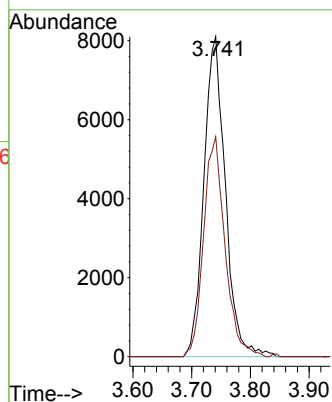
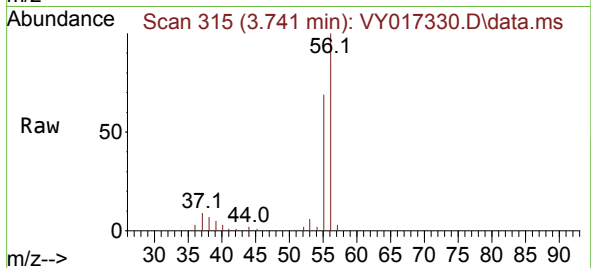
VSTDCCC050

Tgt Ion: 56 Resp: 20538

Ion Ratio Lower Upper

56 100

55 68.6 55.4 83.0



#14

Allyl chloride

Concen: 53.074 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

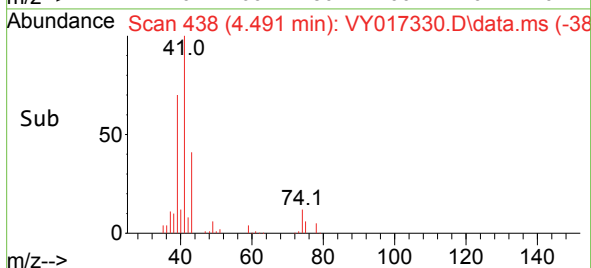
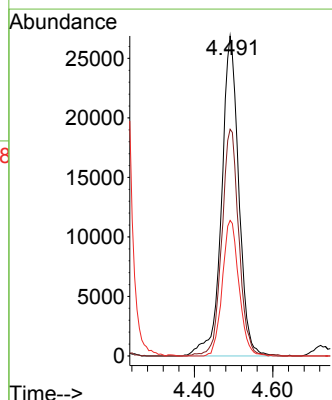
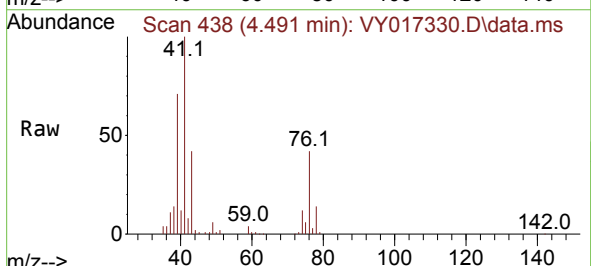
Tgt Ion: 41 Resp: 82199

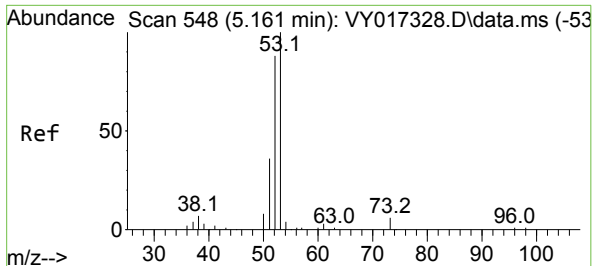
Ion Ratio Lower Upper

41 100

39 70.1 54.7 82.1

76 40.9 31.8 47.6

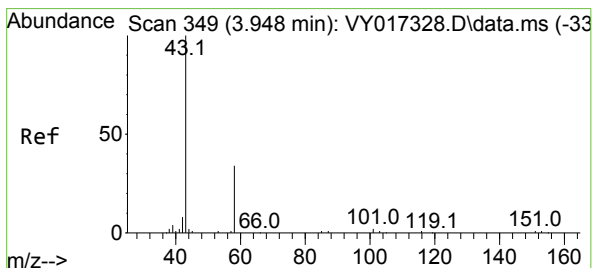
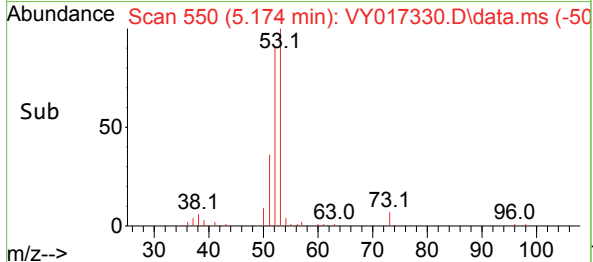
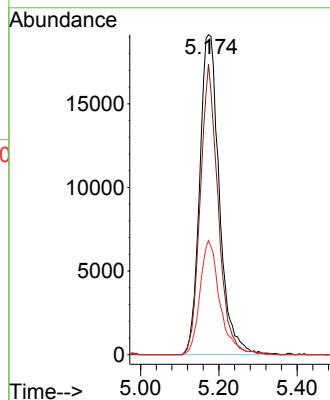
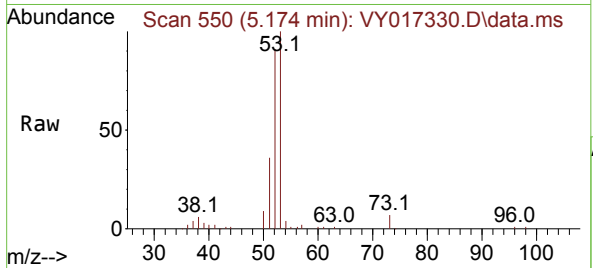




#15
Acrylonitrile
Concen: 261.005 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

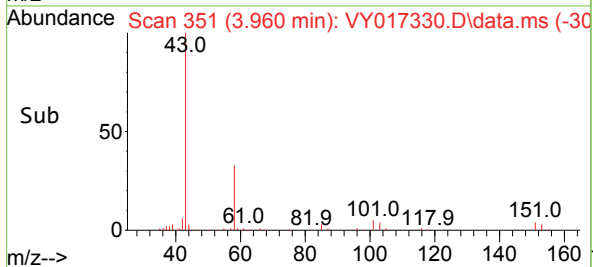
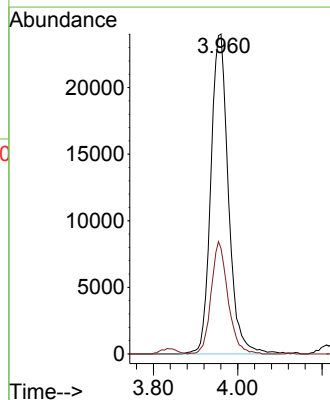
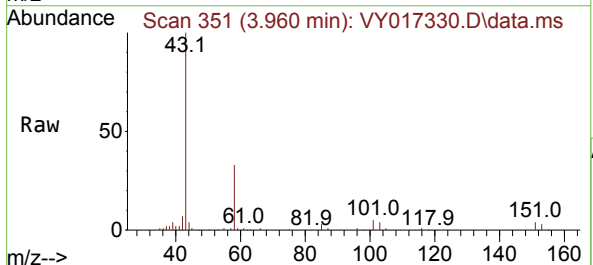
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

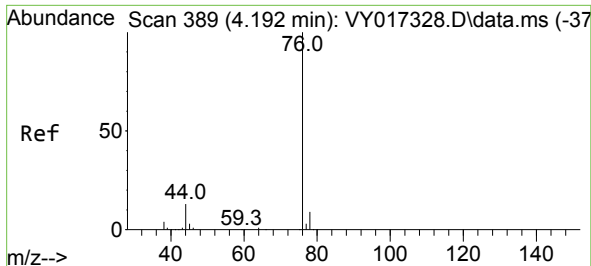
Tgt Ion: 53 Resp: 66670
Ion Ratio Lower Upper
53 100
52 82.3 65.1 97.7
51 36.2 29.0 43.4



#16
Acetone
Concen: 251.196 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 43 Resp: 69708
Ion Ratio Lower Upper
43 100
58 33.0 26.6 39.8

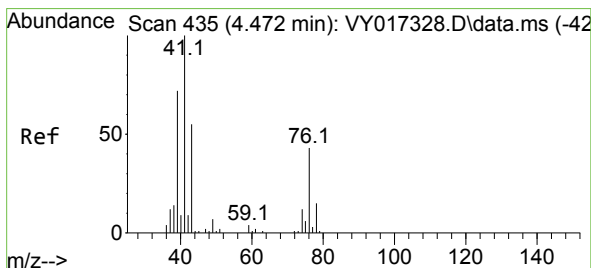
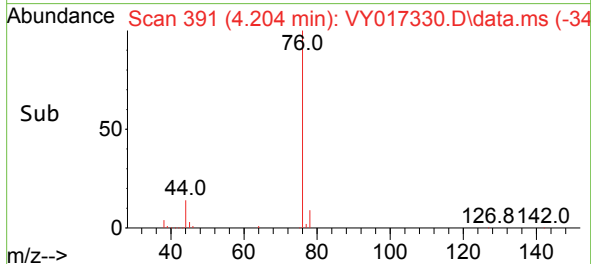
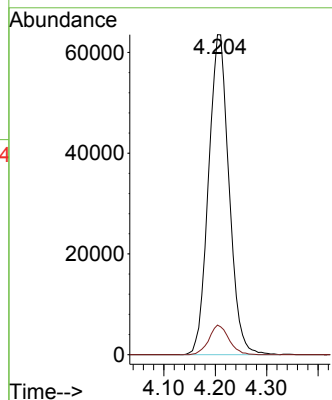
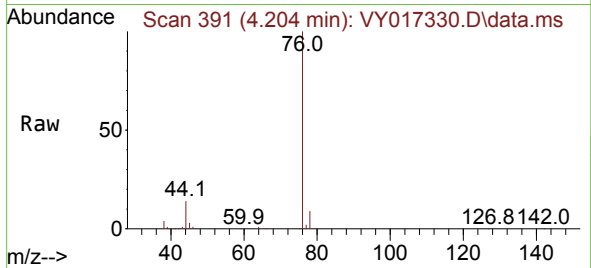




#17
Carbon Disulfide
Concen: 53.728 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

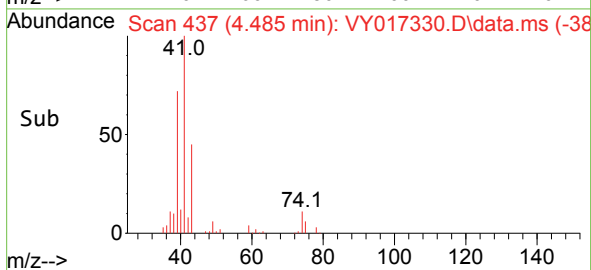
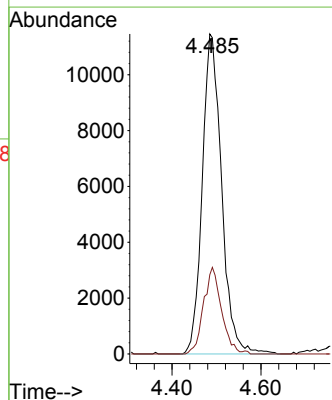
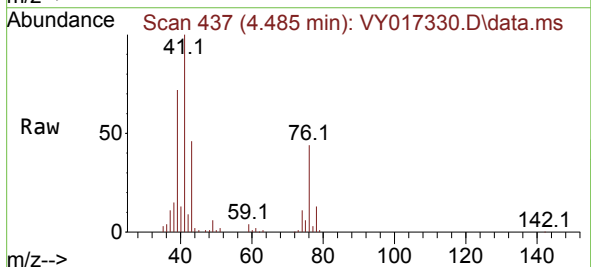
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

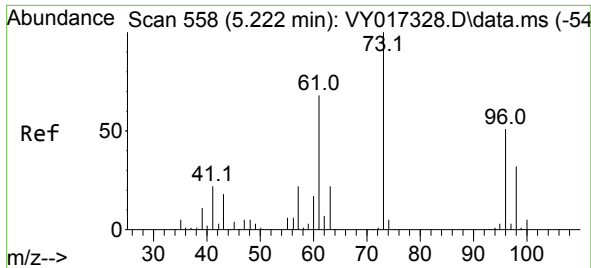
Tgt Ion: 76 Resp: 175703
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 56.076 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 43 Resp: 34715
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.444 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

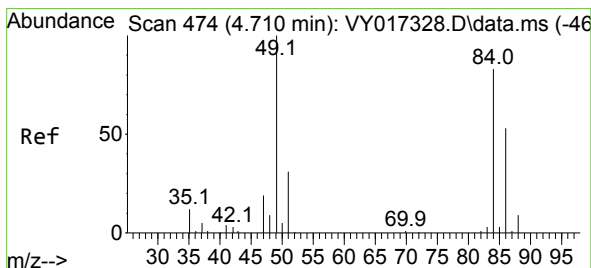
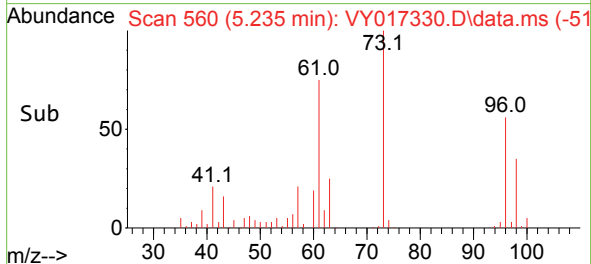
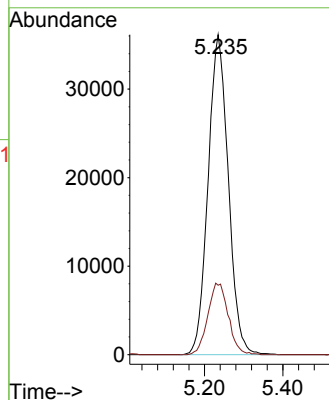
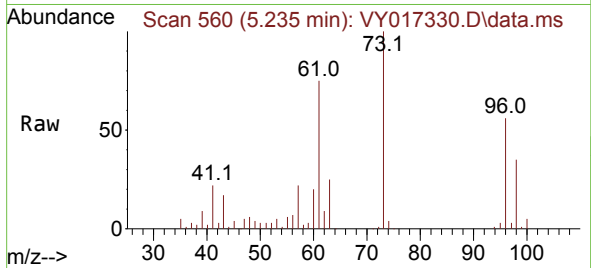
VSTDCCC050

Tgt Ion: 73 Resp: 129396

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 56.807 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Tgt Ion: 84 Resp: 64022

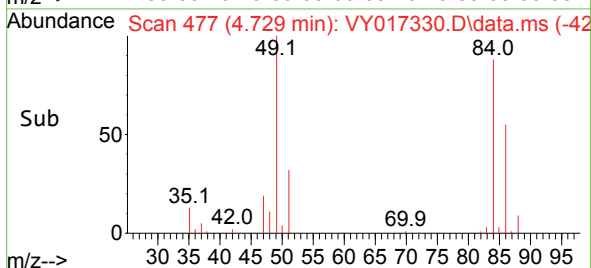
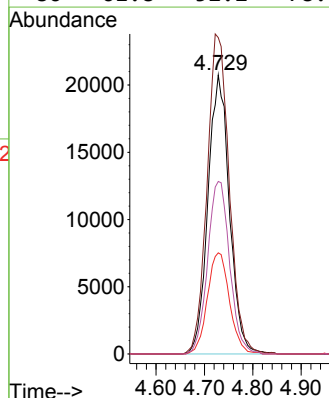
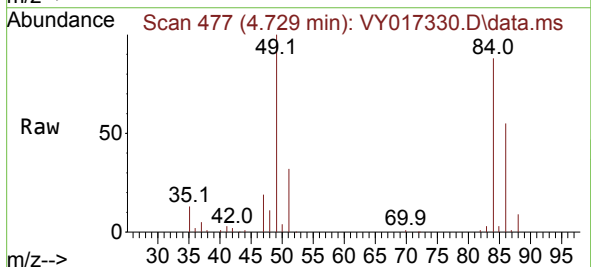
Ion Ratio Lower Upper

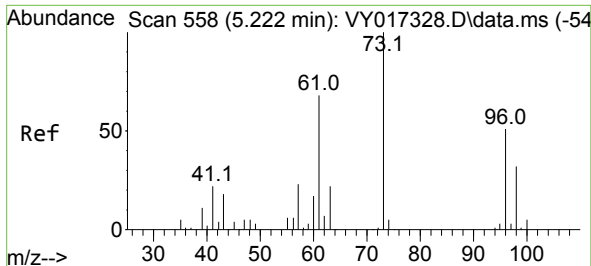
84 100

49 113.4 95.2 142.8

51 36.2 29.9 44.9

86 61.8 52.2 78.4

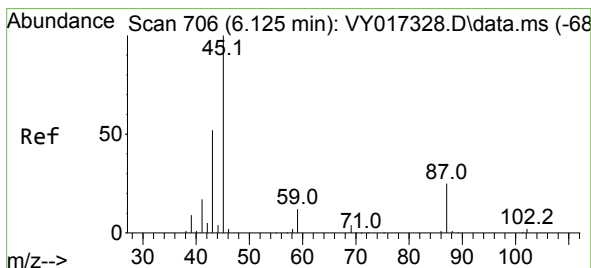
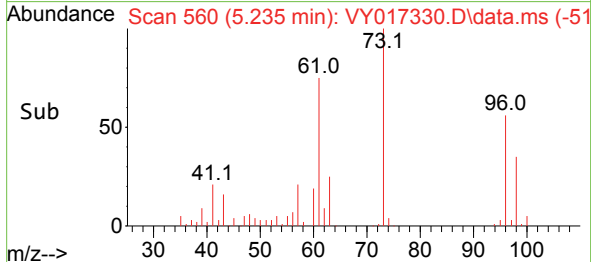
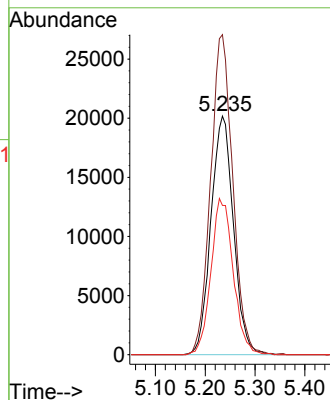
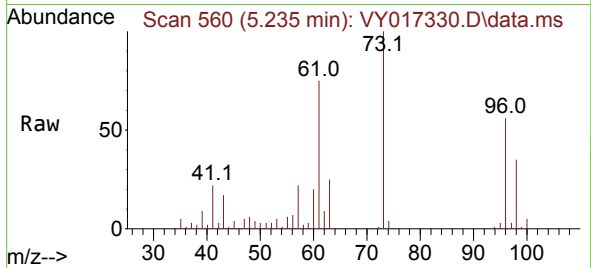




#21
trans-1,2-Dichloroethene
Concen: 54.314 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

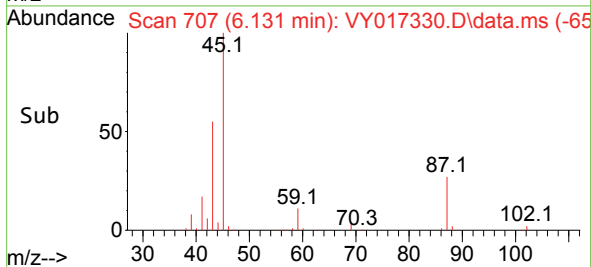
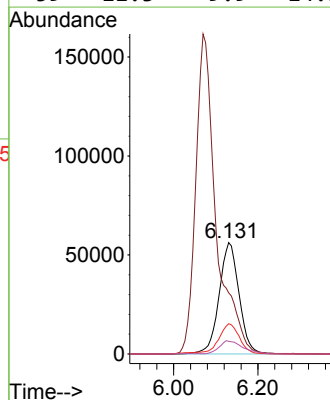
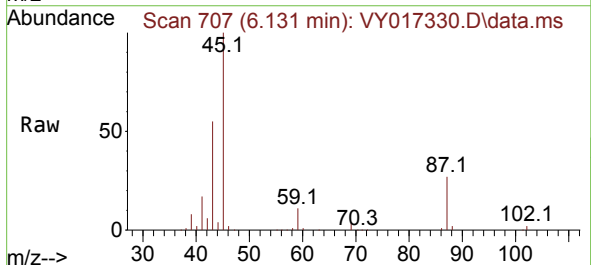
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

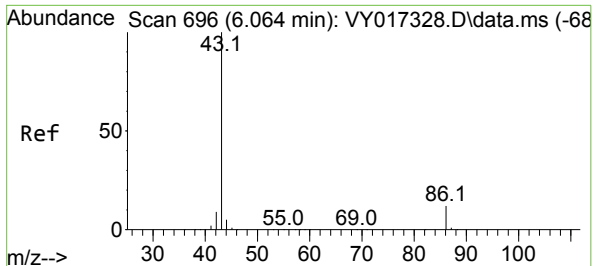
Tgt Ion: 96 Resp: 63300
Ion Ratio Lower Upper
96 100
61 134.1 104.6 156.8
98 62.6 50.9 76.3



#22
Diisopropyl ether
Concen: 54.110 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 45 Resp: 184037
Ion Ratio Lower Upper
45 100
43 54.4 46.8 70.2
87 27.0 22.2 33.2
59 11.3 9.9 14.9

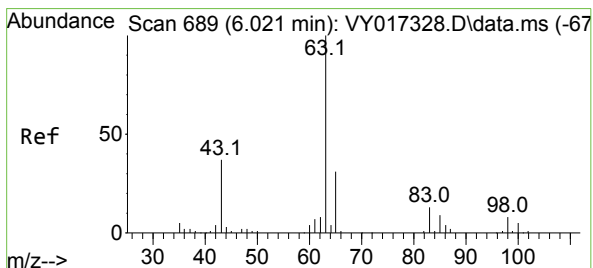
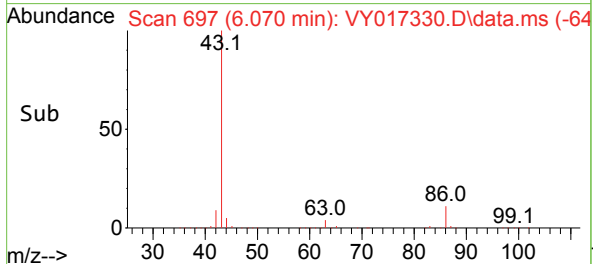
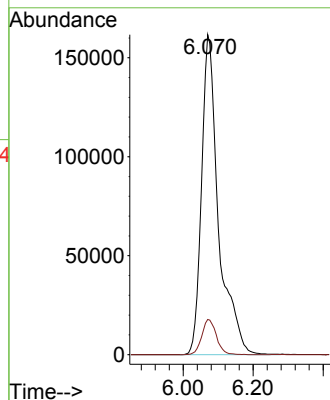
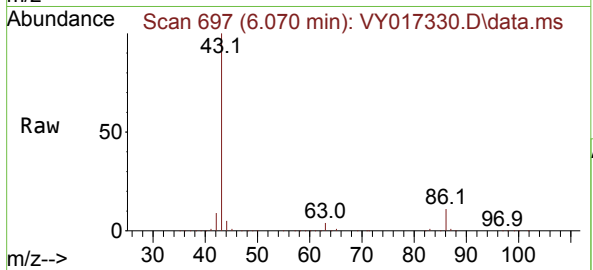




#23
 Vinyl Acetate
 Concen: 264.444 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

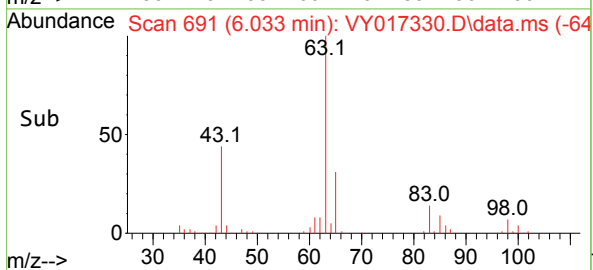
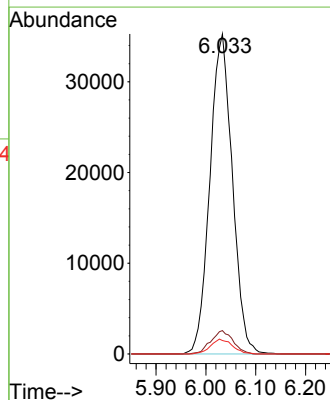
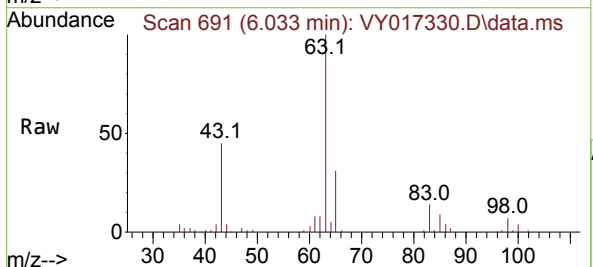
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

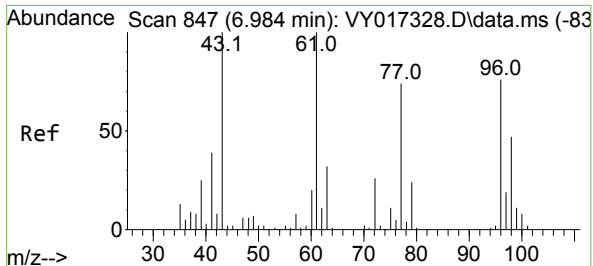
Tgt Ion: 43 Resp: 544972
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.902 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

Tgt Ion: 63 Resp: 110222
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 249.656 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

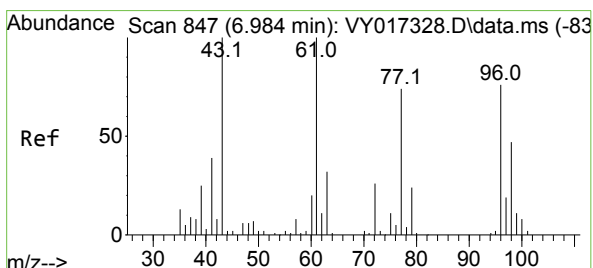
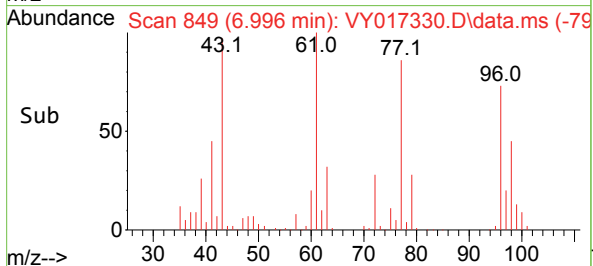
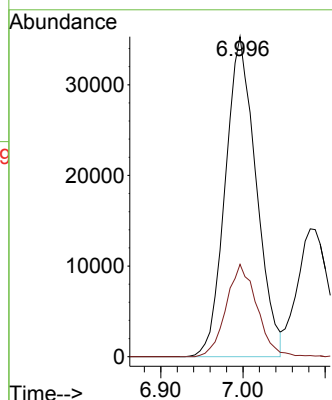
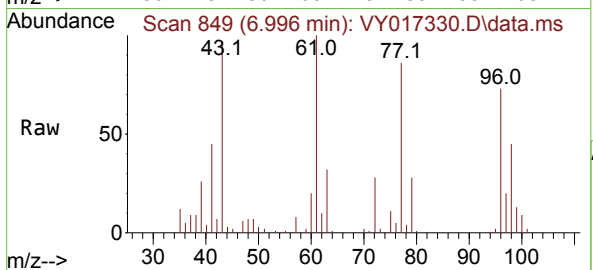
VSTDCCC050

Tgt Ion: 43 Resp: 92100

Ion Ratio Lower Upper

43 100

72 28.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 53.898 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017330.D

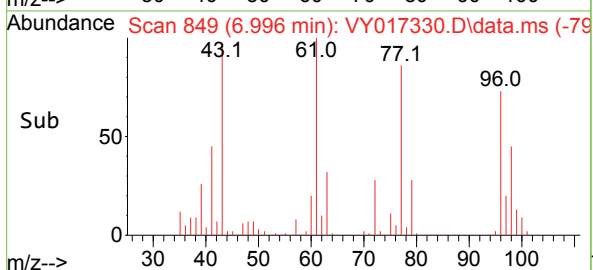
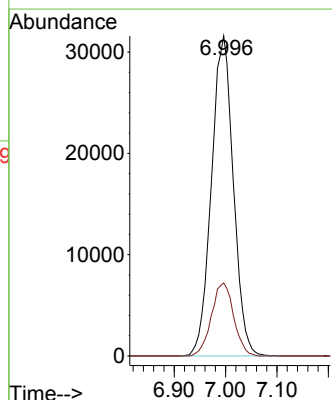
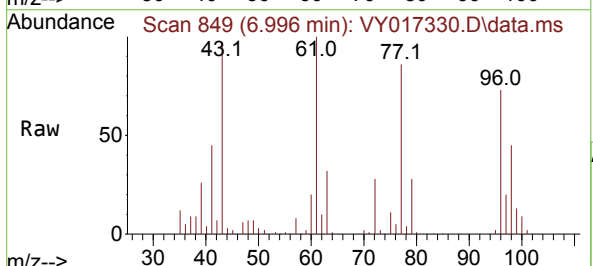
Acq: 09 Feb 2024 10:09

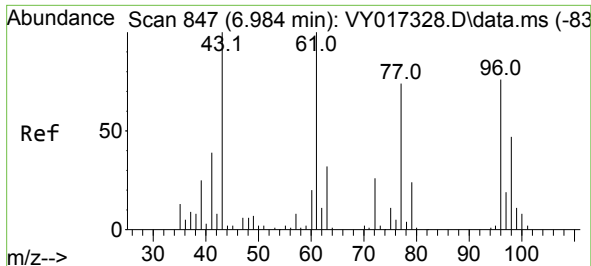
Tgt Ion: 77 Resp: 93407

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.811 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

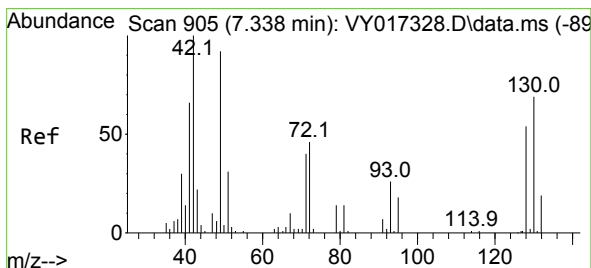
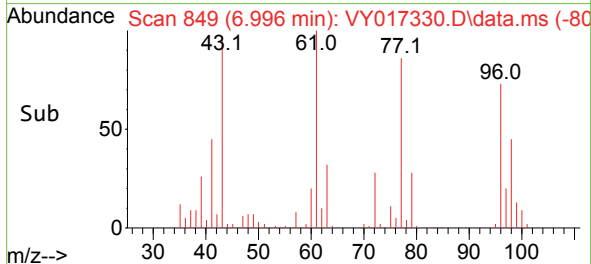
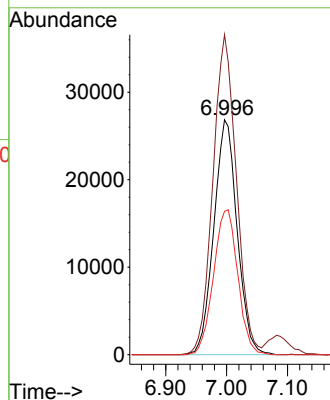
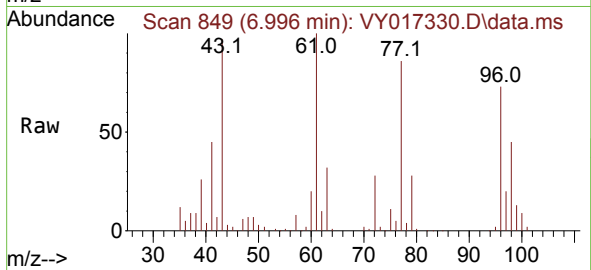
Tgt Ion: 96 Resp: 71445

Ion Ratio Lower Upper

96 100

61 137.0 0.0 278.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 47.868 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

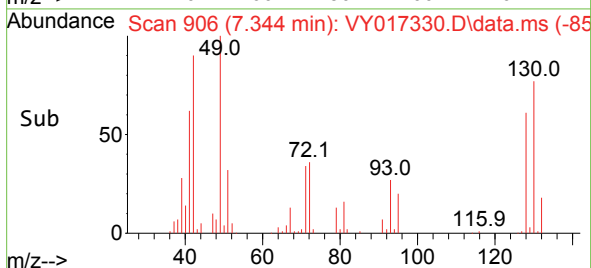
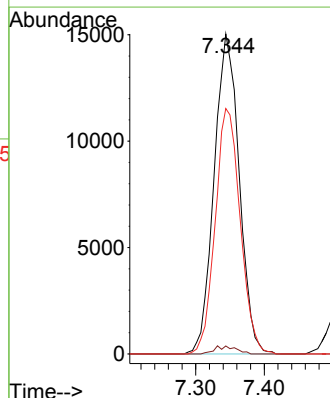
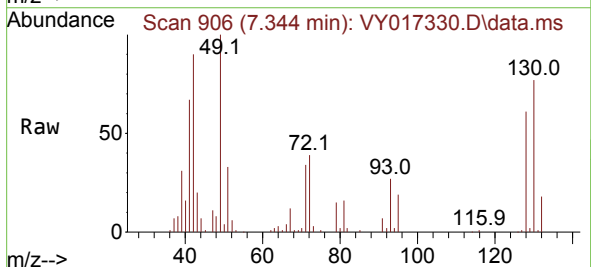
Tgt Ion: 49 Resp: 38188

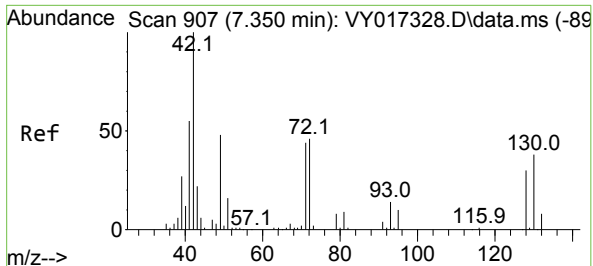
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 76.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 266.034 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

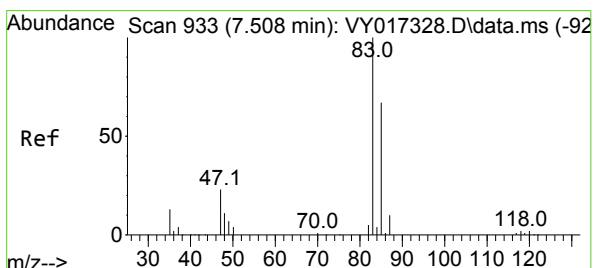
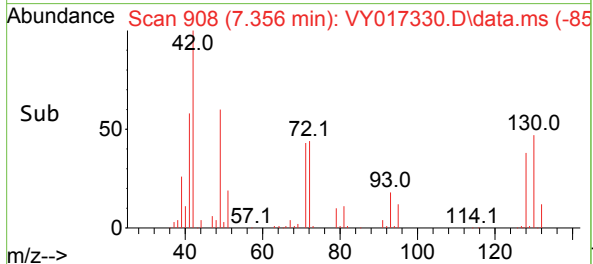
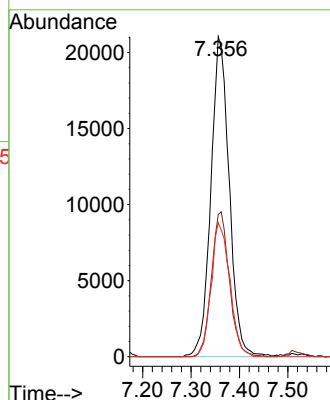
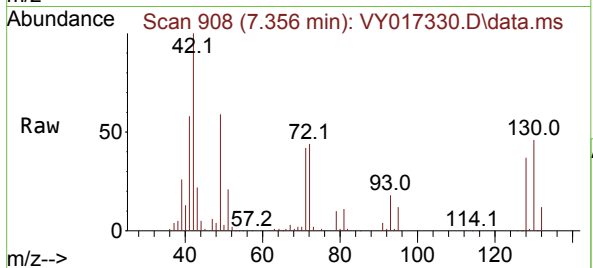
Tgt Ion: 42 Resp: 55440

Ion Ratio Lower Upper

42 100

72 44.4 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 54.059 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017330.D

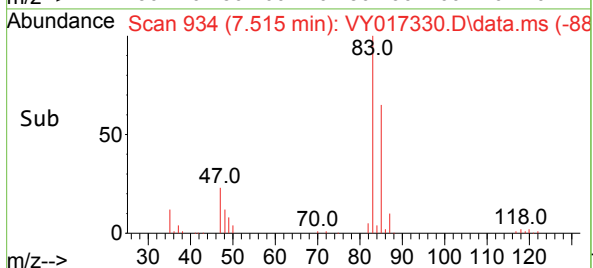
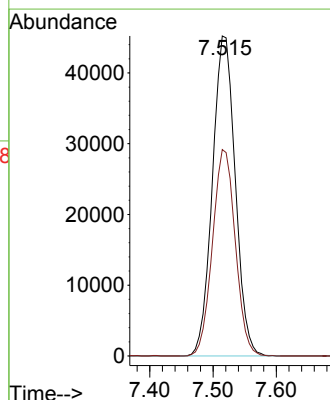
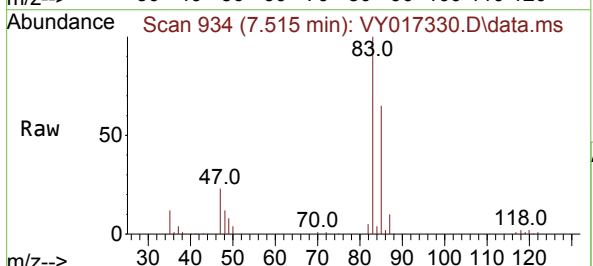
Acq: 09 Feb 2024 10:09

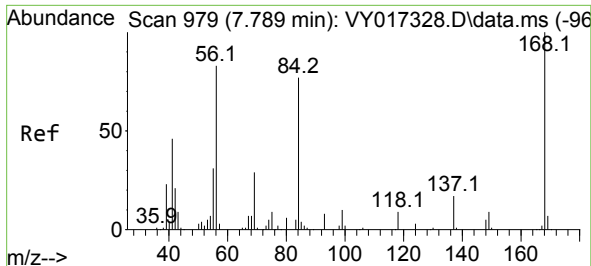
Tgt Ion: 83 Resp: 113306

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

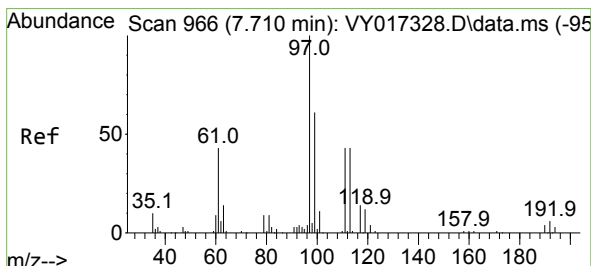
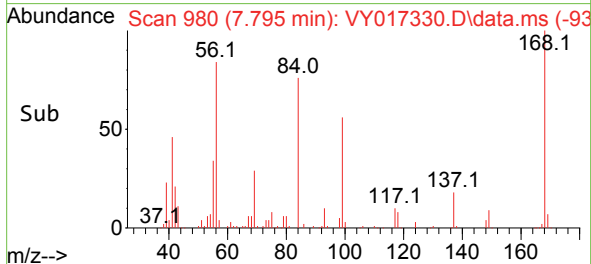
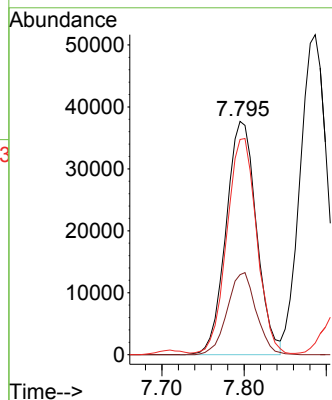
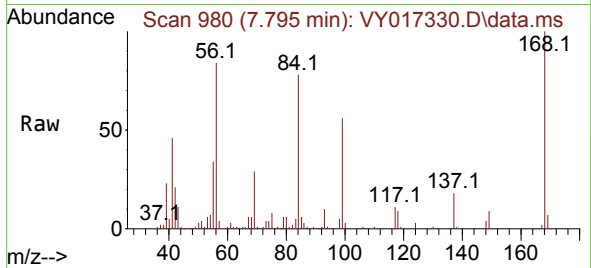




#31
Cyclohexane
Concen: 50.983 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

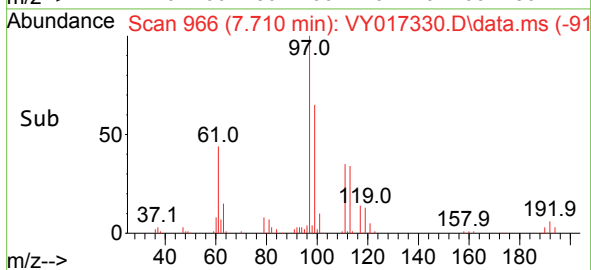
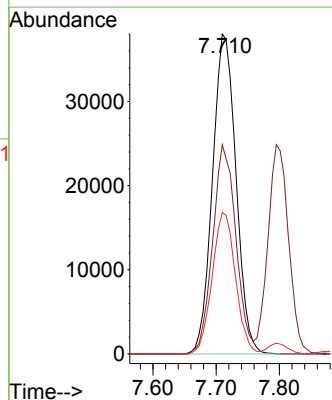
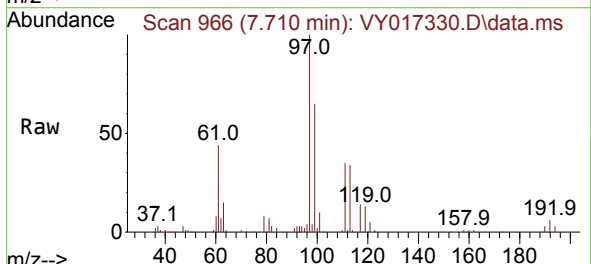
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

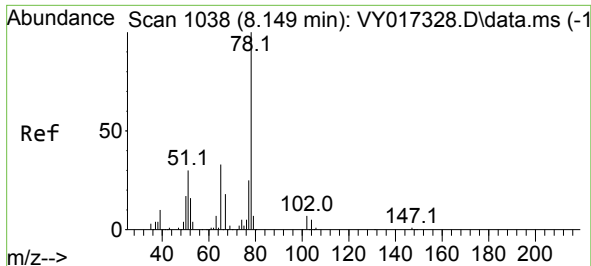
Tgt Ion: 56 Resp: 97024
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 90.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.420 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 97 Resp: 98112
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 43.9 35.0 52.6

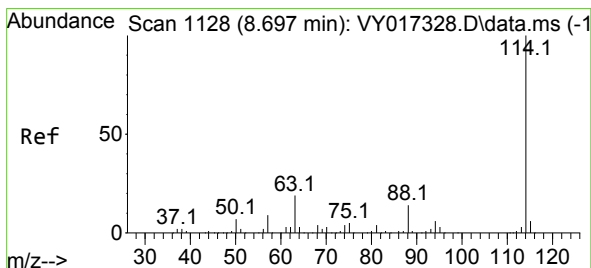
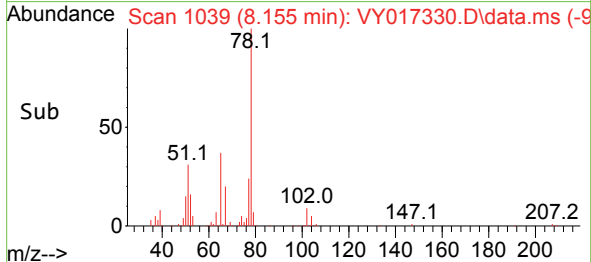
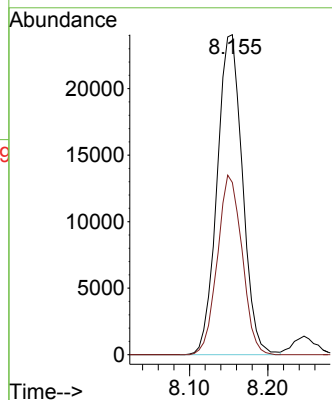
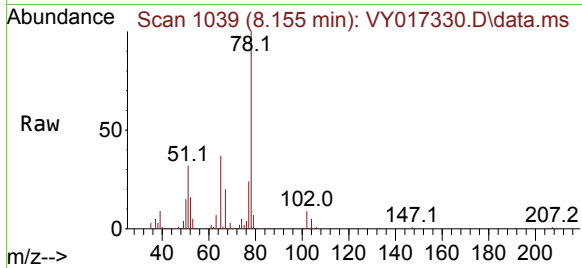




#33
 1,2-Dichloroethane-d4
 Concen: 57.378 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

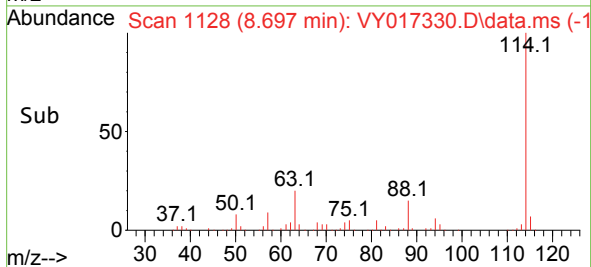
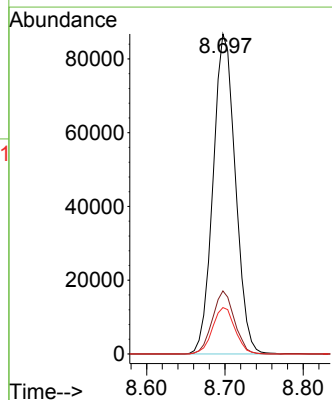
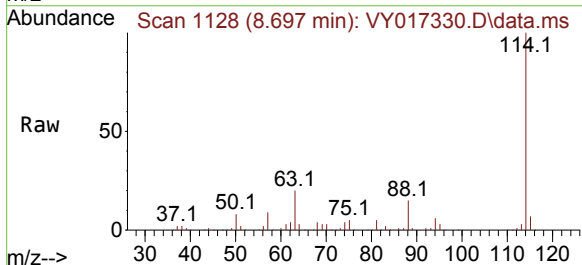
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

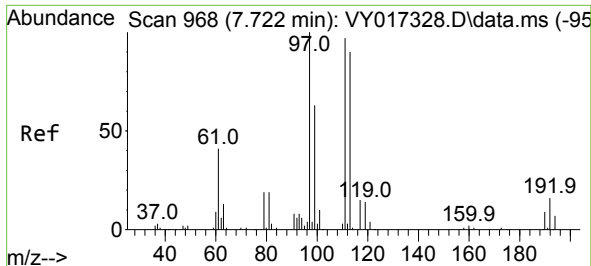
Tgt Ion: 65 Resp: 54175
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

Tgt Ion: 114 Resp: 171860
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.5 0.0 29.0

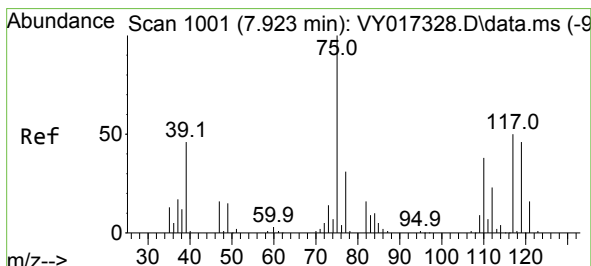
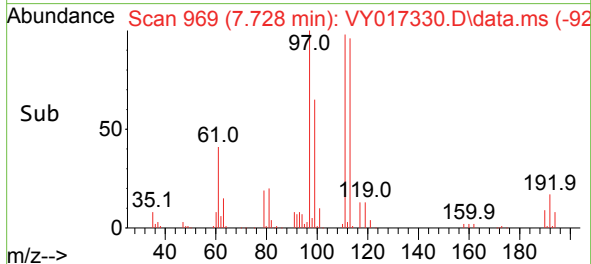
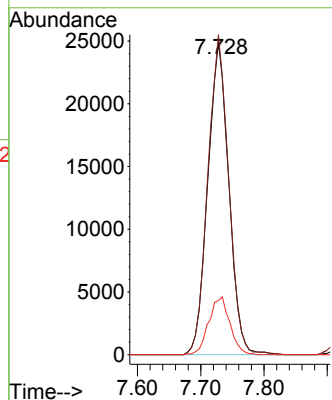
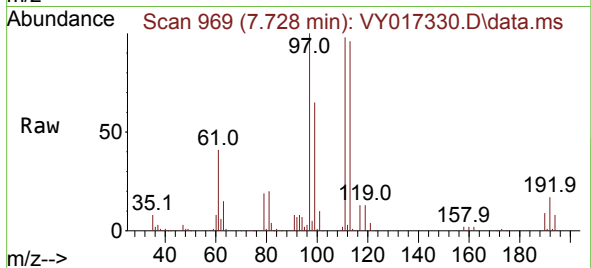




#35
Dibromofluoromethane
Concen: 62.046 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

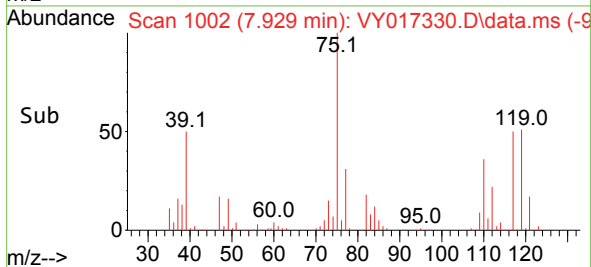
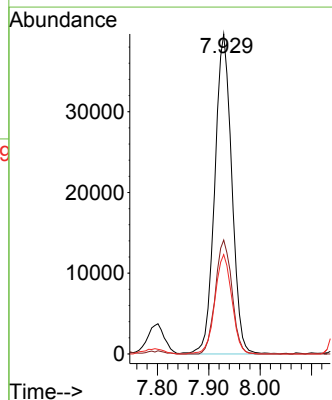
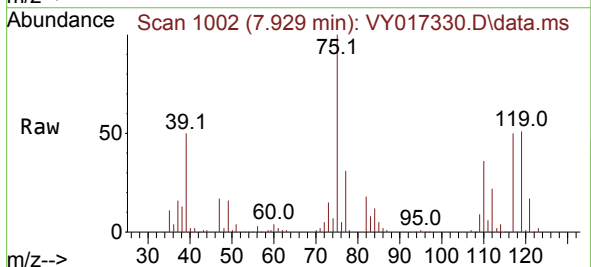
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

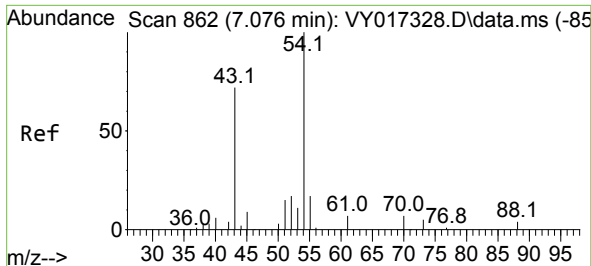
Tgt Ion:113 Resp: 57575
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 56.798 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 75 Resp: 90912
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.0 24.7 37.1

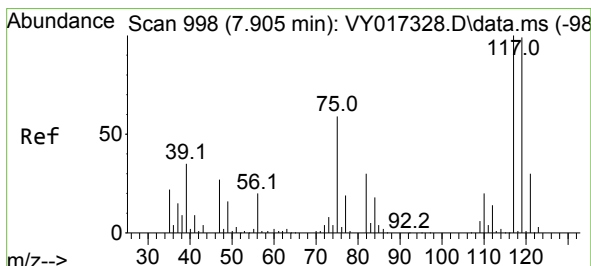
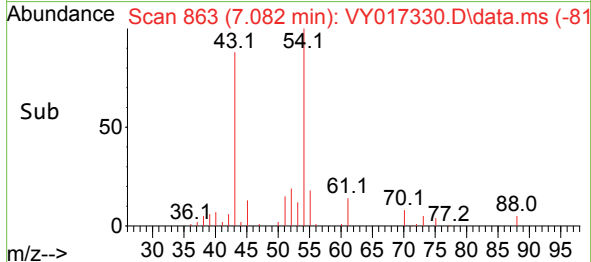
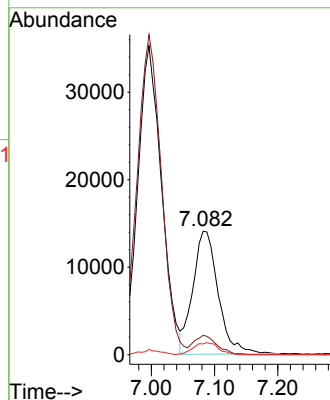
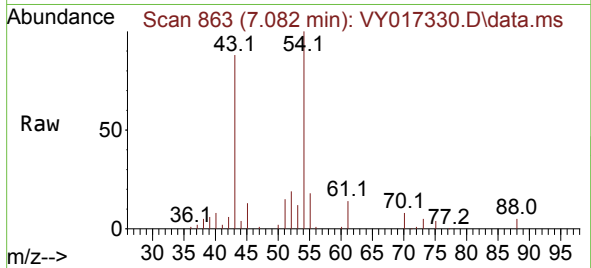




#37
Ethyl Acetate
Concen: 52.717 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

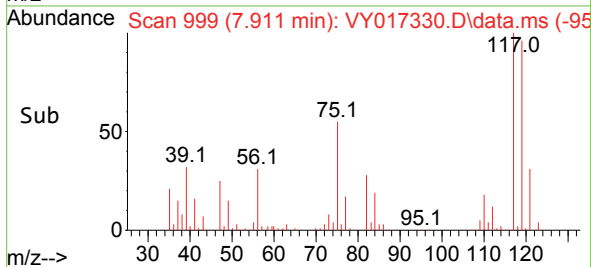
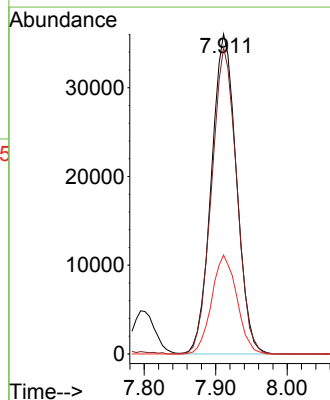
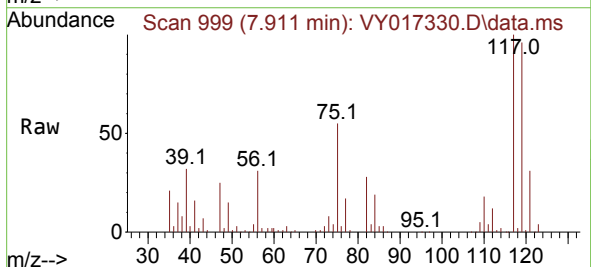
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

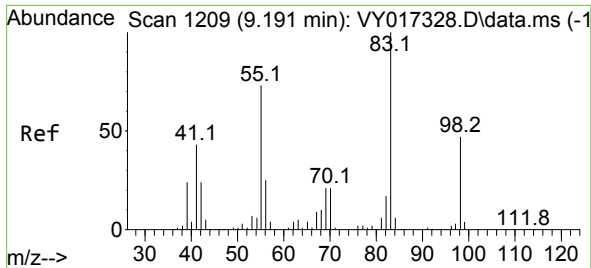
Tgt Ion: 43 Resp: 39136
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 57.274 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 117 Resp: 87774
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0
121 30.9 24.2 36.2

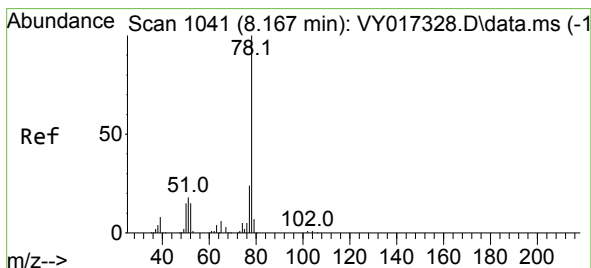
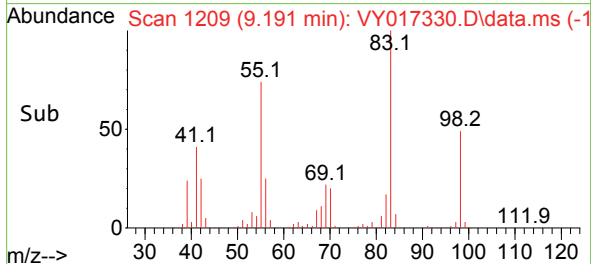
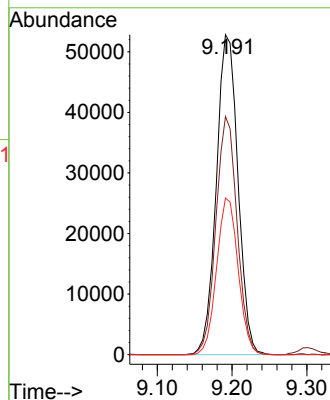
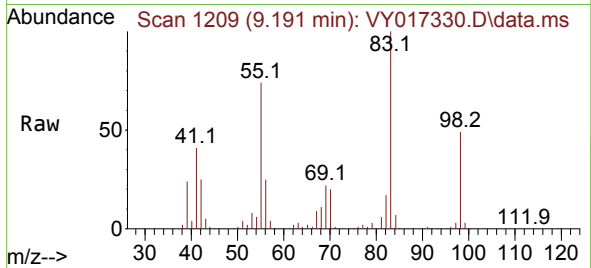




#39
Methylcyclohexane
Concen: 56.942 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

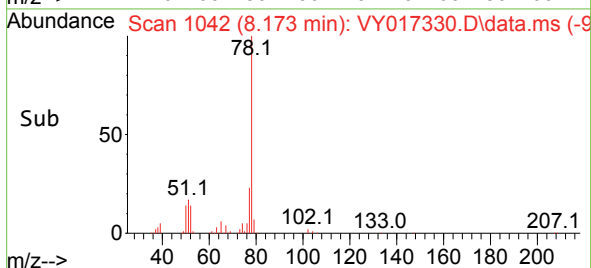
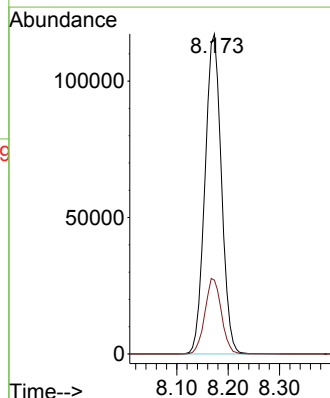
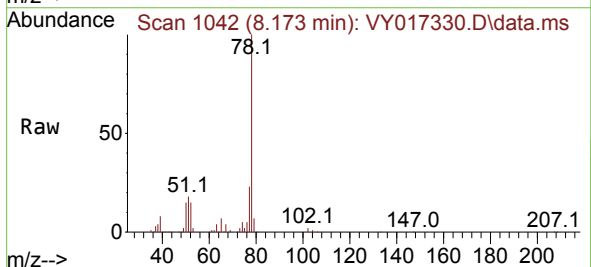
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

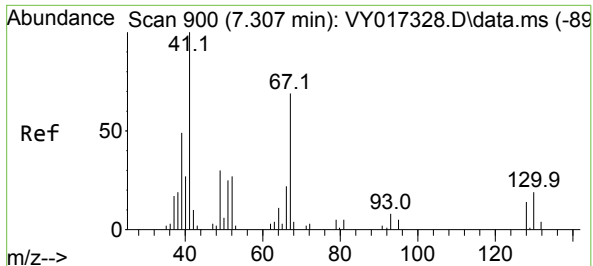
Tgt Ion: 83 Resp: 106478
Ion Ratio Lower Upper
83 100
55 74.5 59.7 89.5
98 48.9 38.0 57.0



#40
Benzene
Concen: 56.935 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 78 Resp: 260244
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

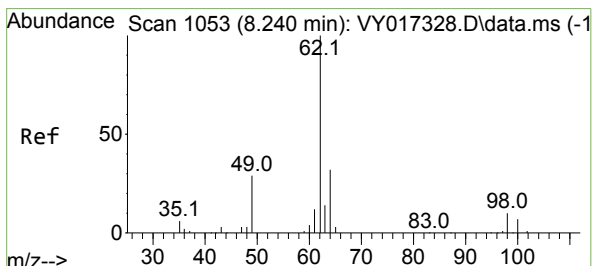
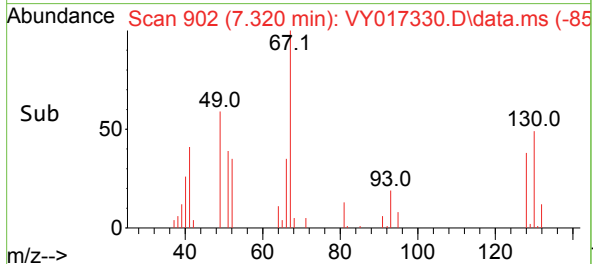
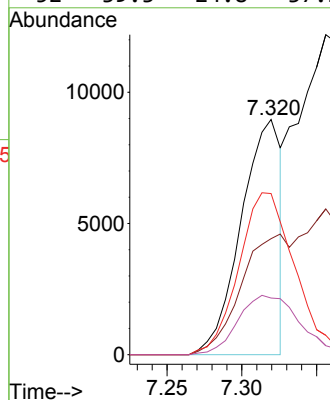
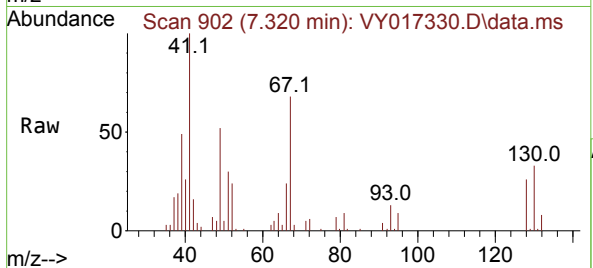




#41
Methacrylonitrile
Concen: 47.638 ug/l
RT: 7.320 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

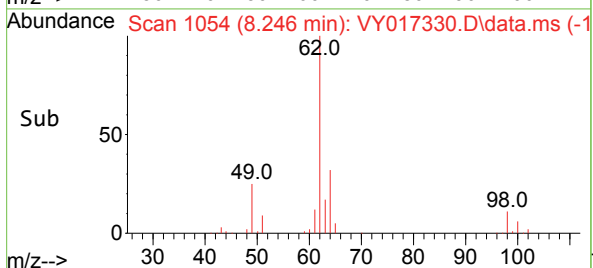
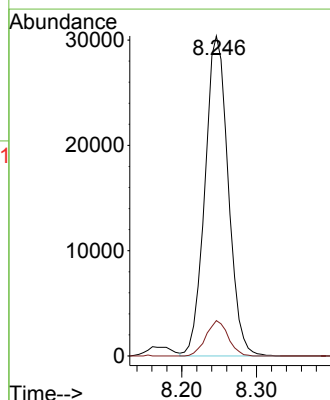
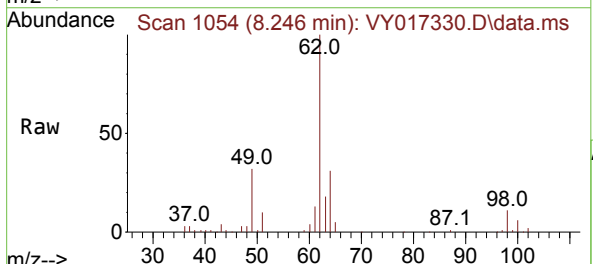
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

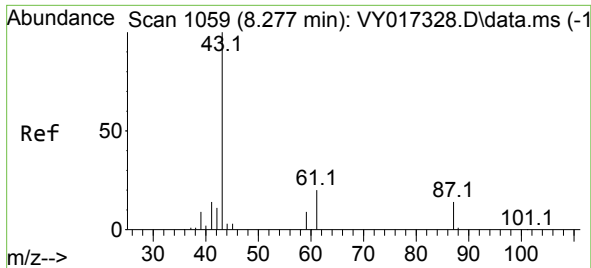
Tgt Ion: 41 Resp: 16756
Ion Ratio Lower Upper
41 100
39 61.9 41.9 62.9
67 96.7 59.8 89.6#
52 39.3 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 54.285 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 62 Resp: 65697
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2

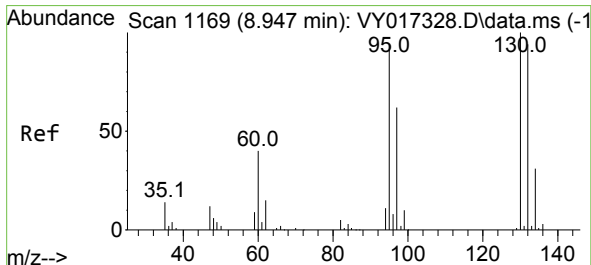
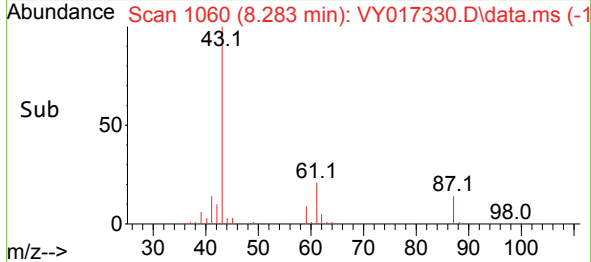
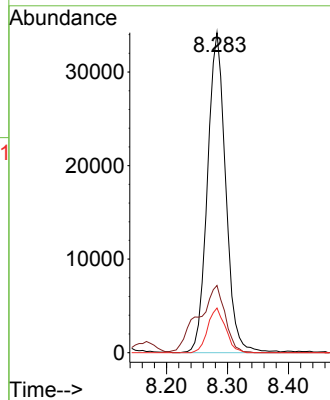
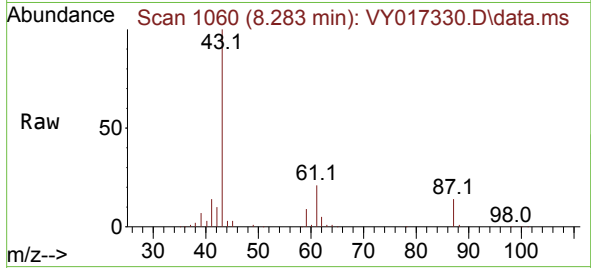




#43
Isopropyl Acetate
Concen: 54.035 ug/l
RT: 8.283 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

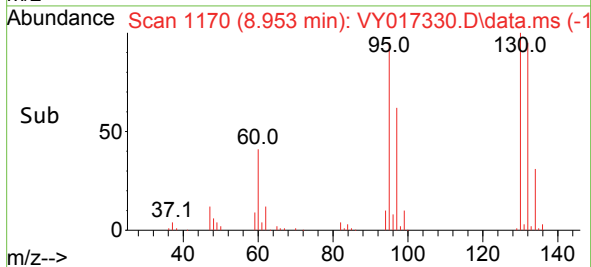
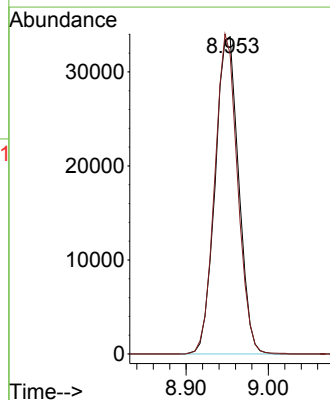
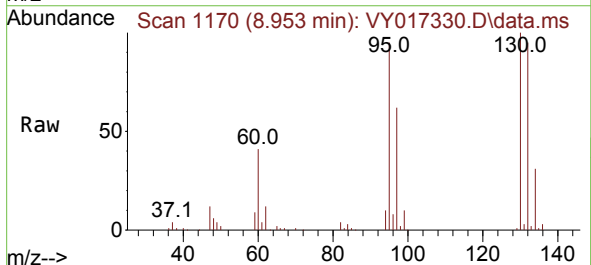
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

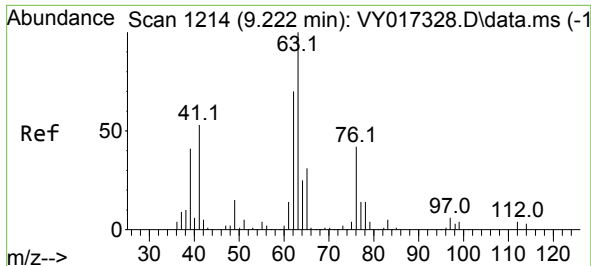
Tgt Ion: 43 Resp: 71011
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 57.834 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:130 Resp: 67105
Ion Ratio Lower Upper
130 100
95 94.5 0.0 203.8

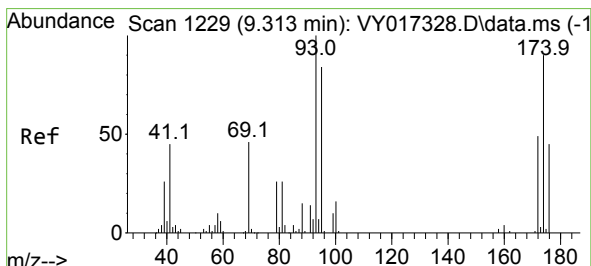
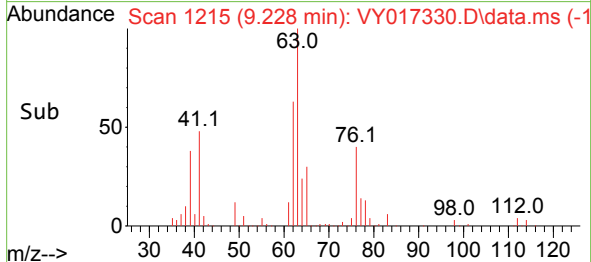
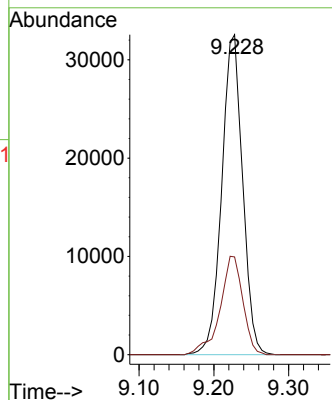
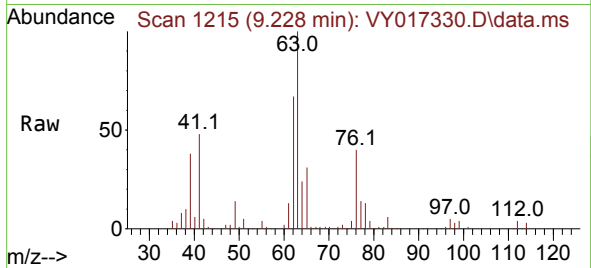




#45
1,2-Dichloropropane
Concen: 56.271 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

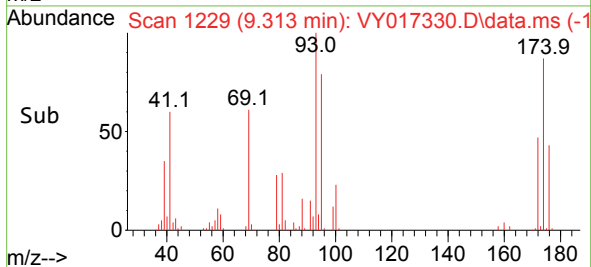
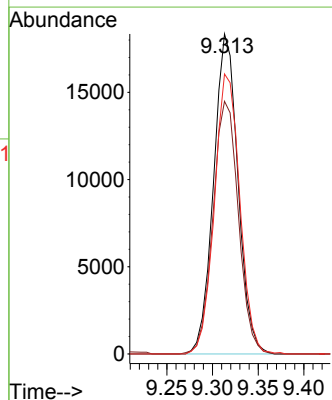
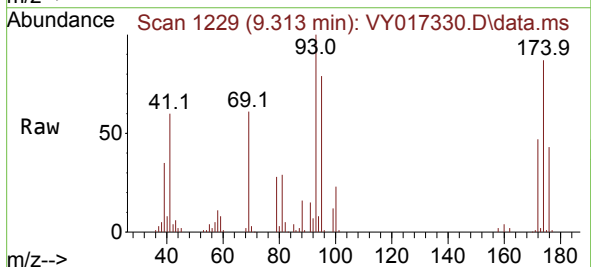
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

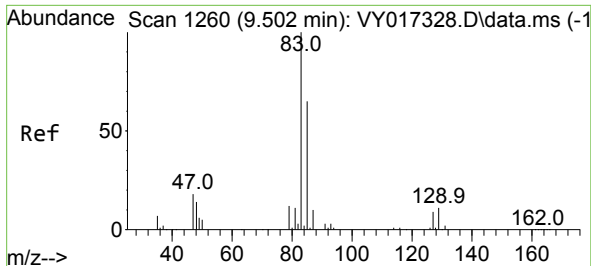
Tgt Ion: 63 Resp: 63178
Ion Ratio Lower Upper
63 100
65 30.5 24.6 36.8



#46
Dibromomethane
Concen: 56.058 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 93 Resp: 33998
Ion Ratio Lower Upper
93 100
95 82.3 66.6 99.8
174 91.2 73.8 110.6

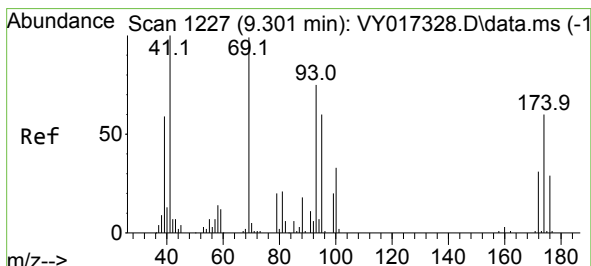
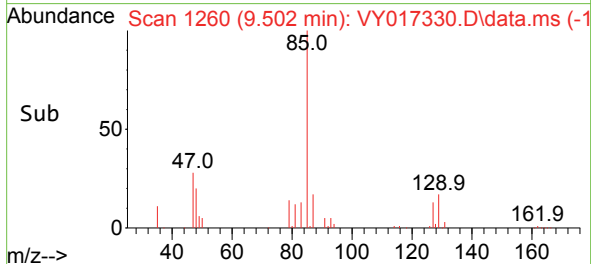
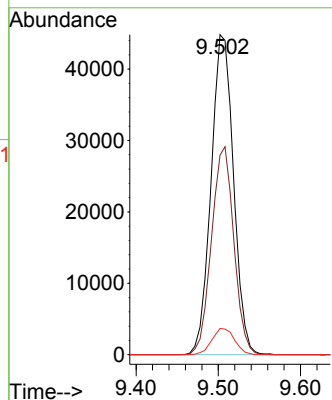
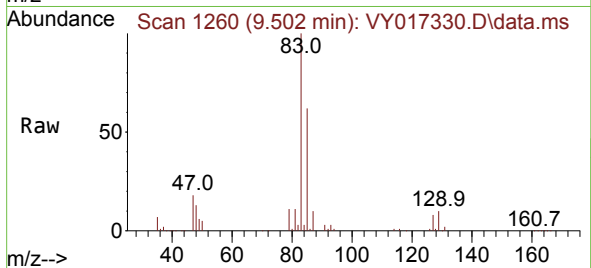




#47
Bromodichloromethane
Concen: 56.013 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

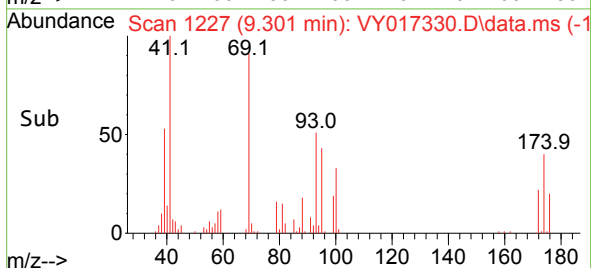
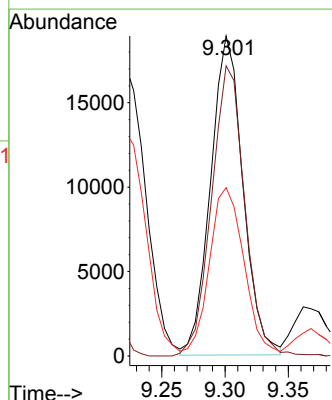
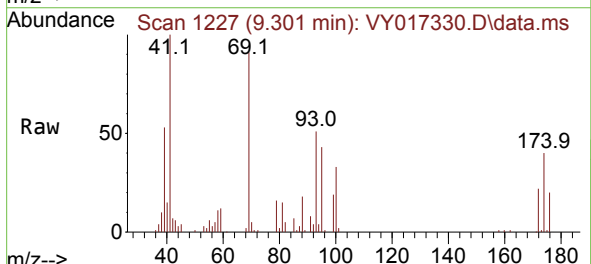
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

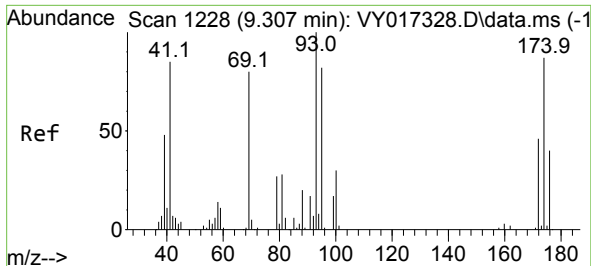
Tgt Ion: 83 Resp: 85017
Ion Ratio Lower Upper
83 100
85 62.4 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 54.559 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 41 Resp: 33631
Ion Ratio Lower Upper
41 100
69 93.3 72.1 108.1
39 53.6 42.8 64.2

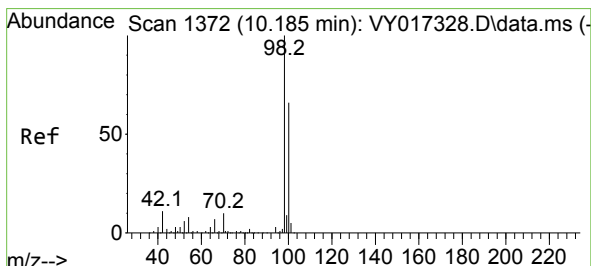
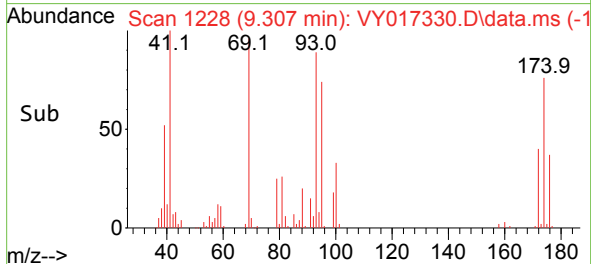
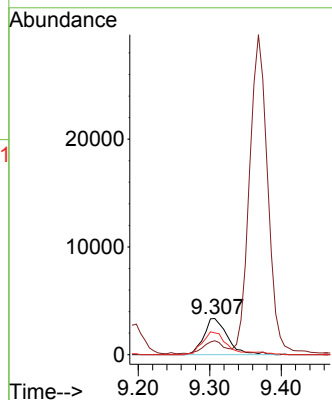
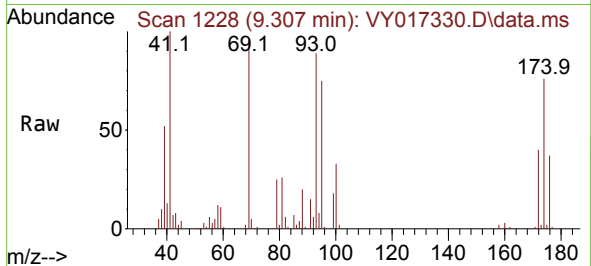




#49
1,4-Dioxane
Concen: 1168.269 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

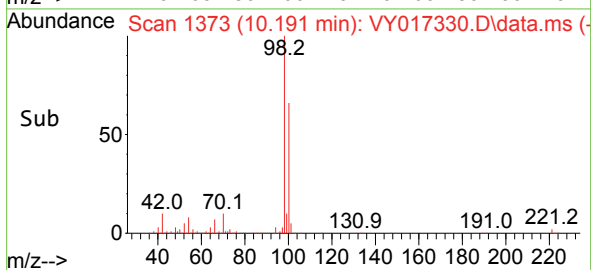
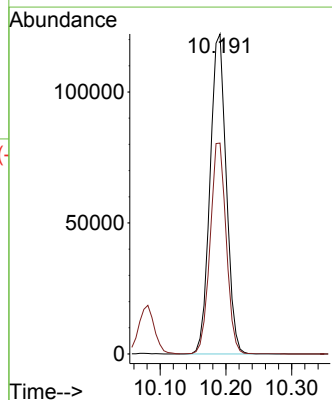
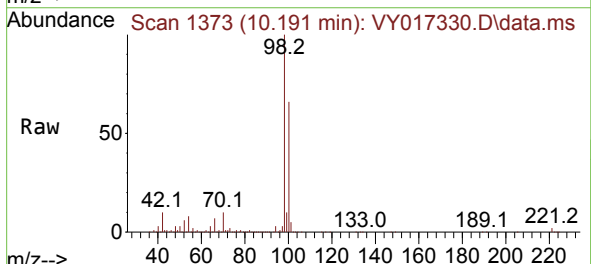
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

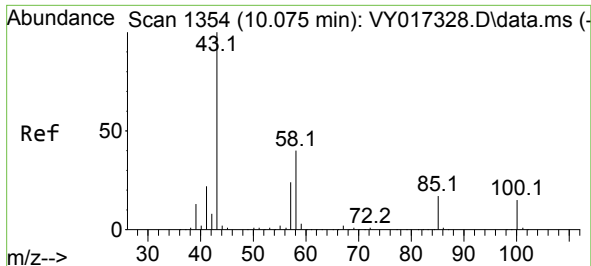
Tgt Ion: 88 Resp: 7712
Ion Ratio Lower Upper
88 100
43 32.5 28.2 42.4
58 68.6 52.2 78.2



#50
Toluene-d8
Concen: 61.978 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 98 Resp: 209395
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 279.366 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

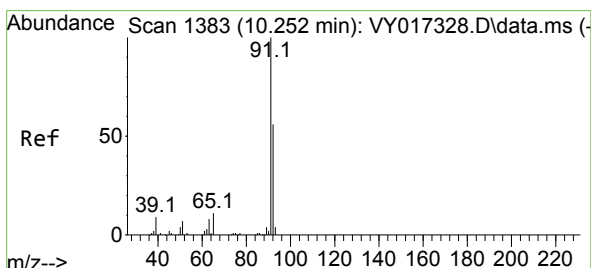
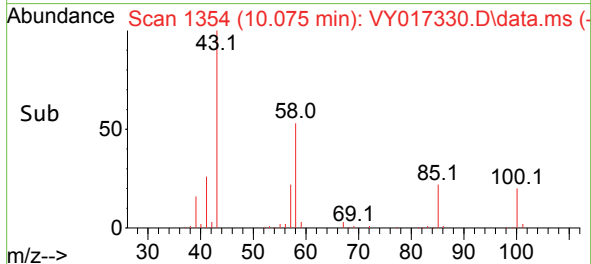
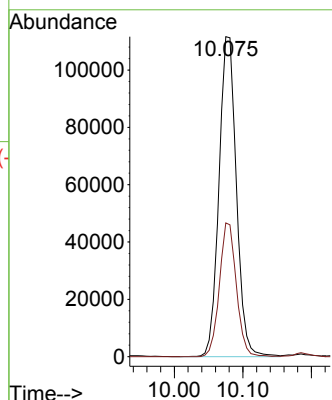
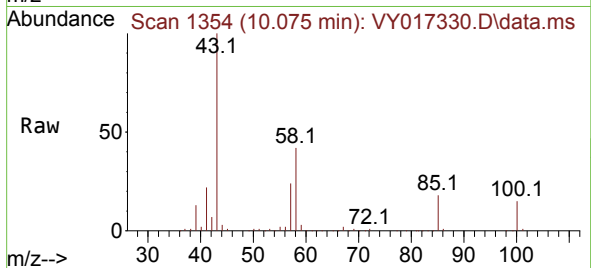
VSTDCCC050

Tgt Ion: 43 Resp: 196803

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.2



#52

Toluene

Concen: 58.224 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017330.D

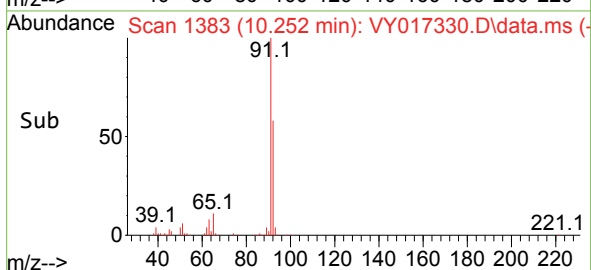
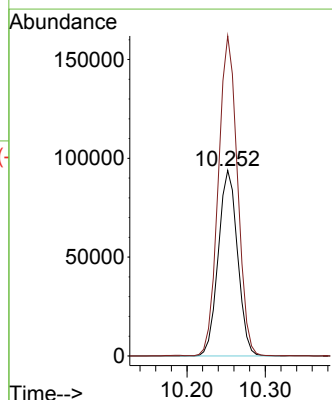
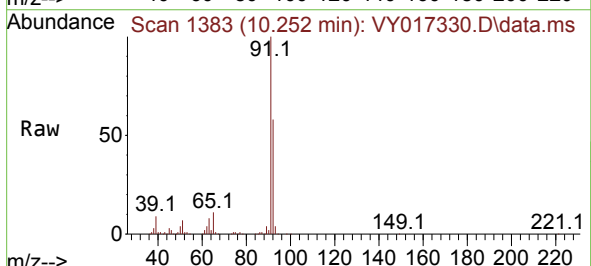
Acq: 09 Feb 2024 10:09

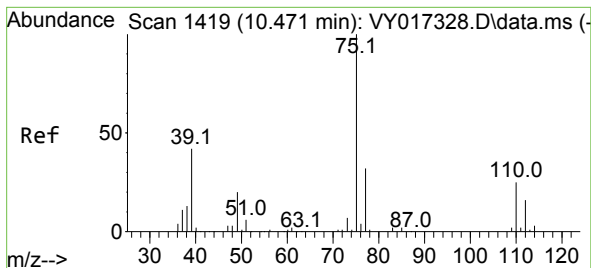
Tgt Ion: 92 Resp: 160643

Ion Ratio Lower Upper

92 100

91 171.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 57.129 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

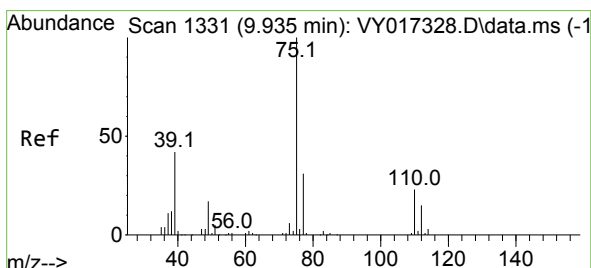
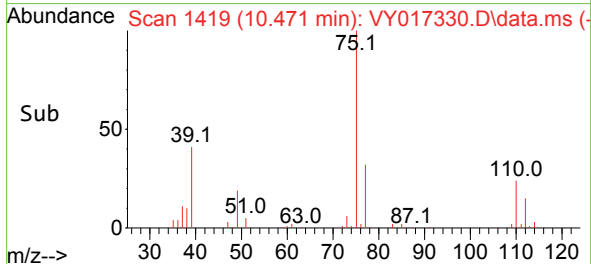
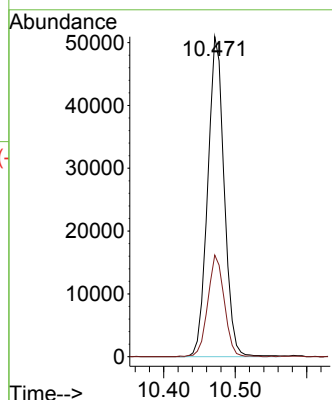
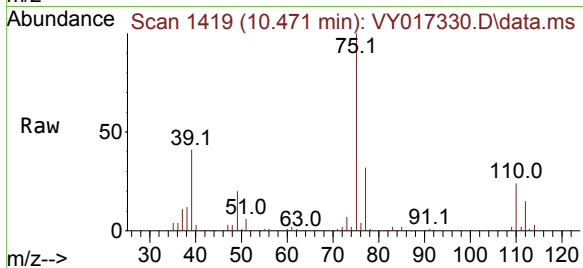
VSTDCCC050

Tgt Ion: 75 Resp: 81448

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 57.776 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

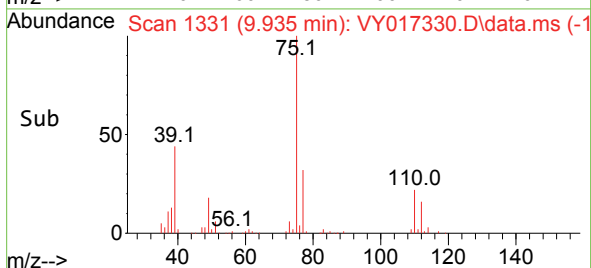
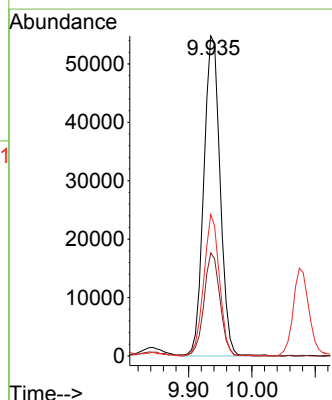
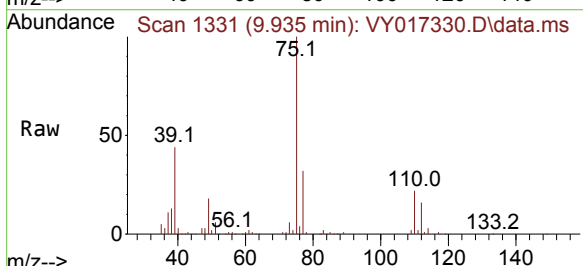
Tgt Ion: 75 Resp: 98661

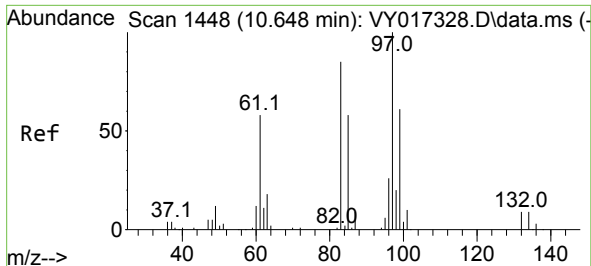
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 44.2 33.6 50.4

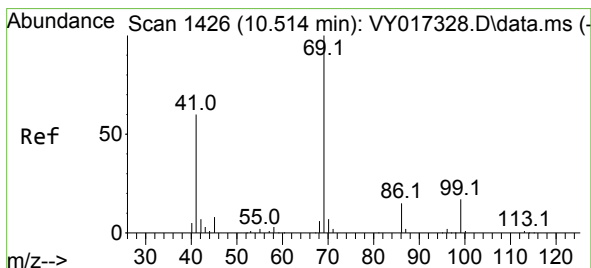
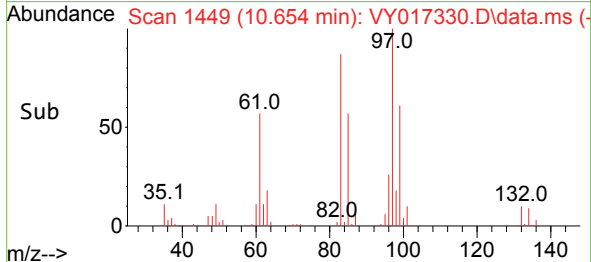
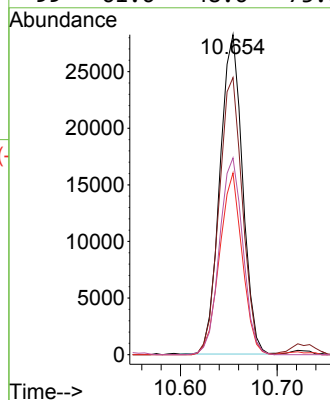
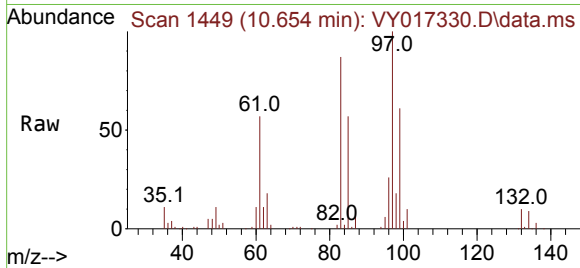




#55
1,1,2-Trichloroethane
Concen: 55.660 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

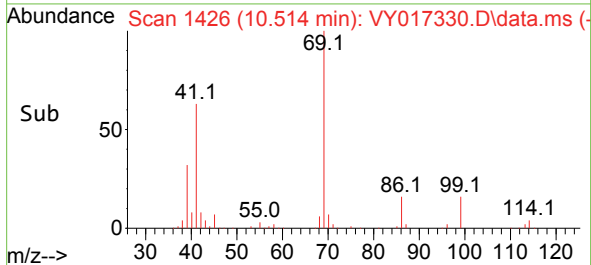
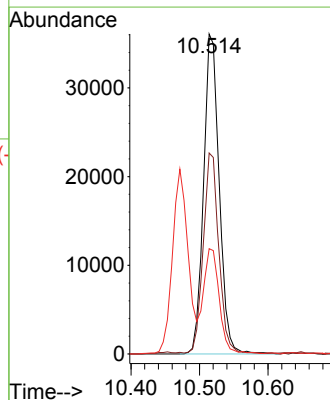
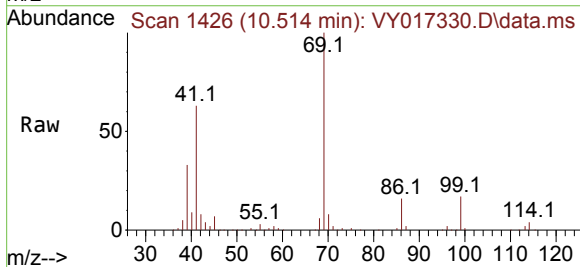
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

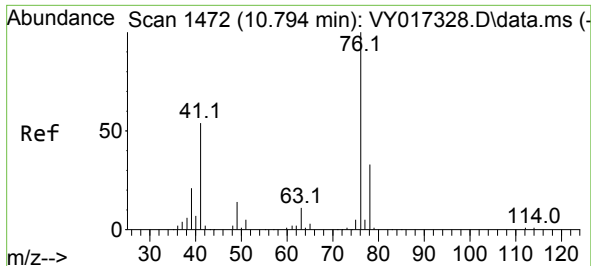
Tgt Ion:	97	Resp:	45928
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	56.9	43.9	65.9
99	61.6	48.6	73.0



#56
Ethyl methacrylate
Concen: 51.529 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:	69	Resp:	57316
Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.2	73.8
39	33.2	26.8	40.2





#57

1,3-Dichloropropane

Concen: 56.167 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

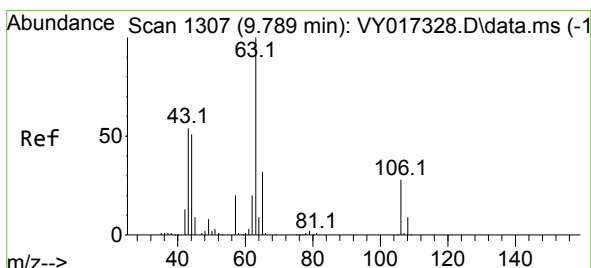
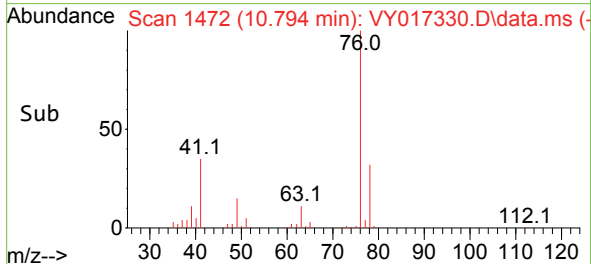
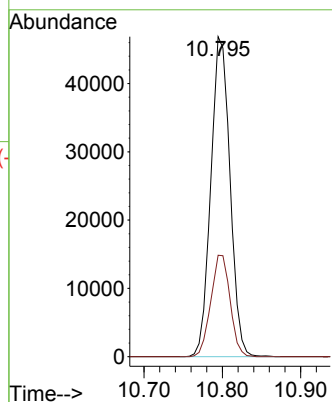
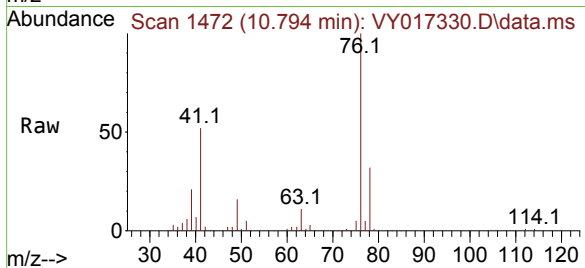
VSTDCCC050

Tgt Ion: 76 Resp: 79715

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 303.147 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017330.D

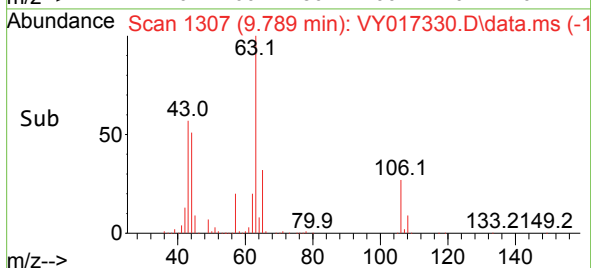
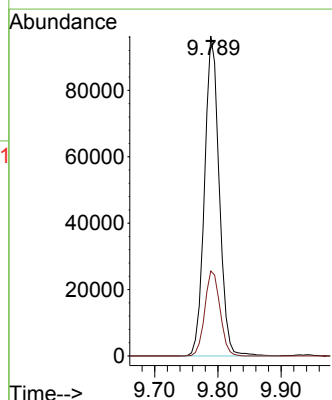
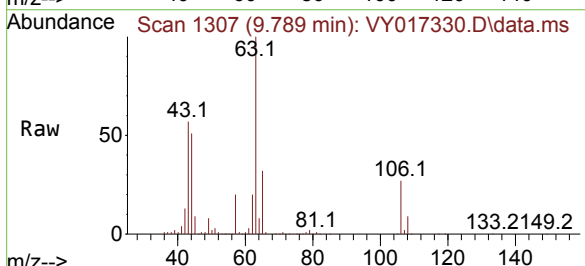
Acq: 09 Feb 2024 10:09

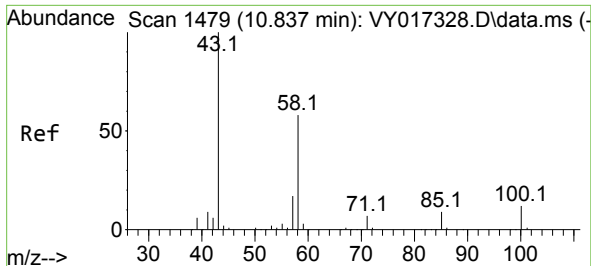
Tgt Ion: 63 Resp: 155835

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

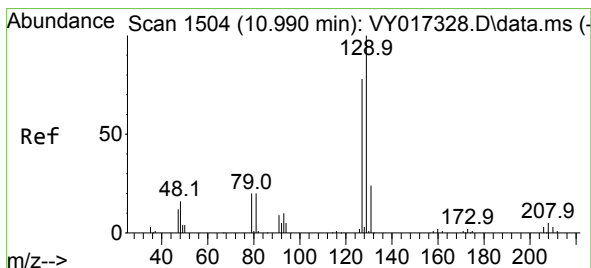
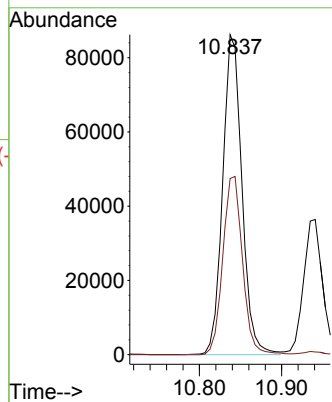
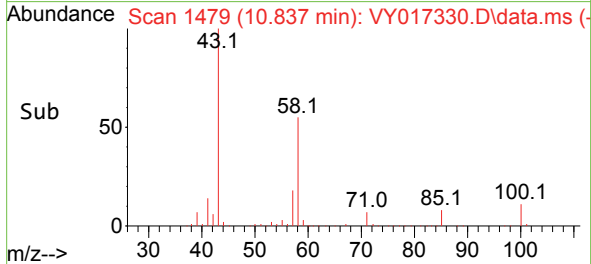
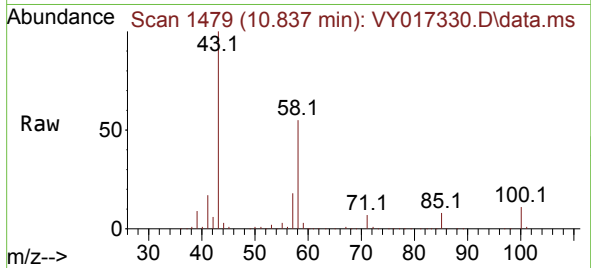




#59
2-Hexanone
Concen: 275.500 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

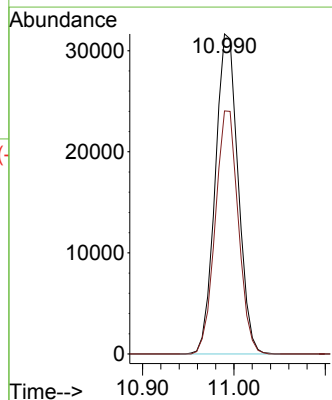
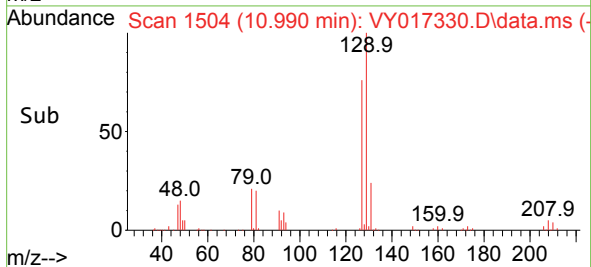
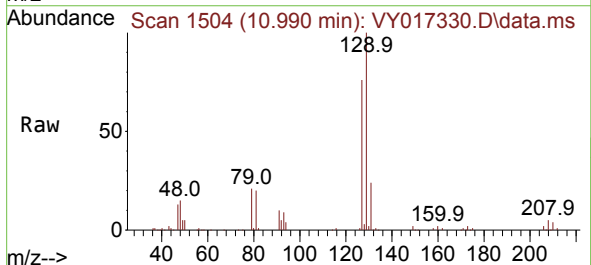
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

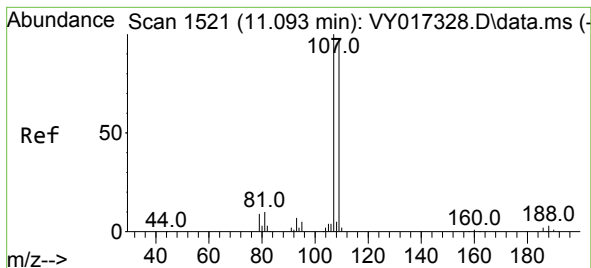
Tgt Ion: 43 Resp: 140340
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 56.766 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:129 Resp: 54951
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

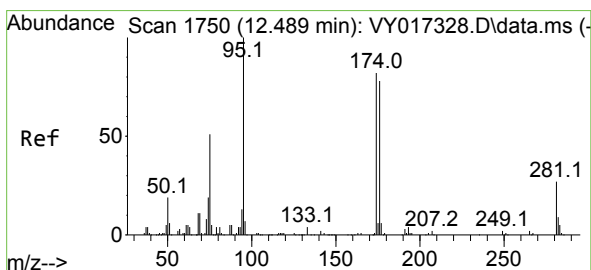
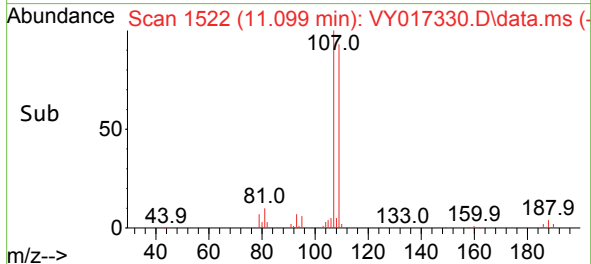
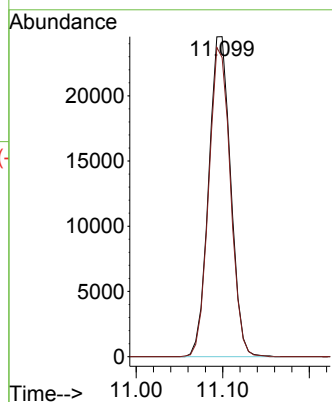
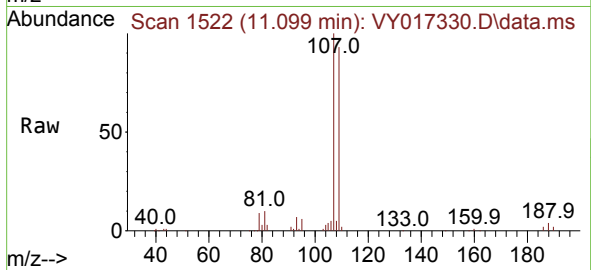




#61
1,2-Dibromoethane
Concen: 56.329 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

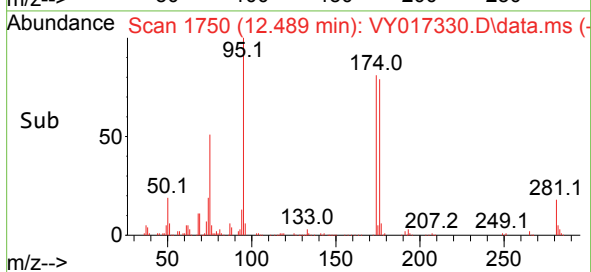
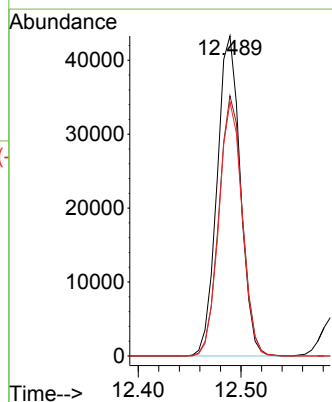
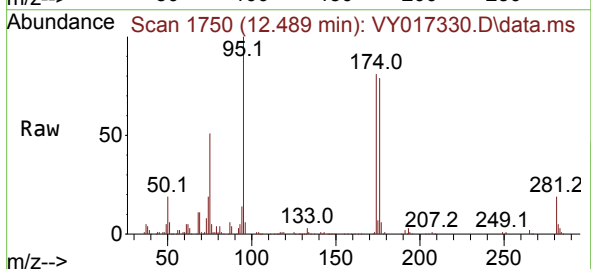
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

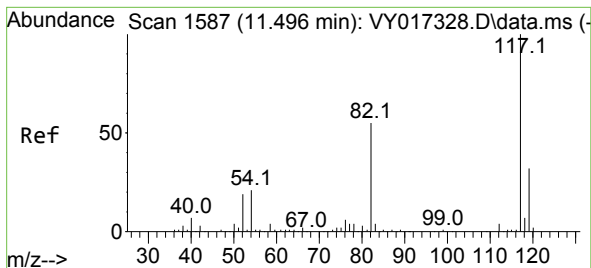
Tgt Ion:107 Resp: 43228
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 61.432 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 95 Resp: 67990
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.0
176 79.3 0.0 151.8

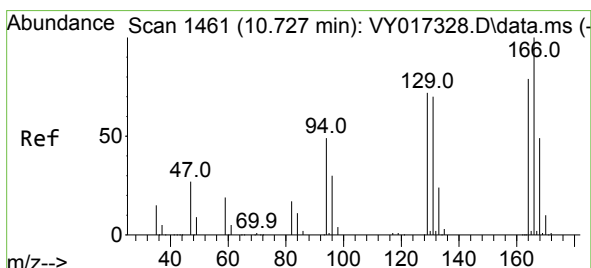
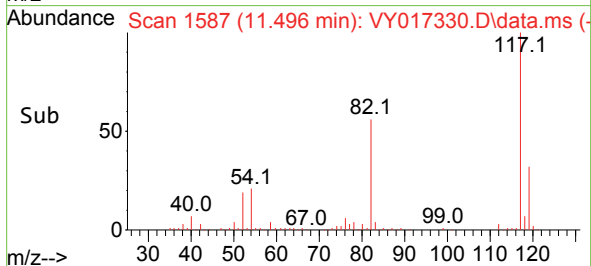
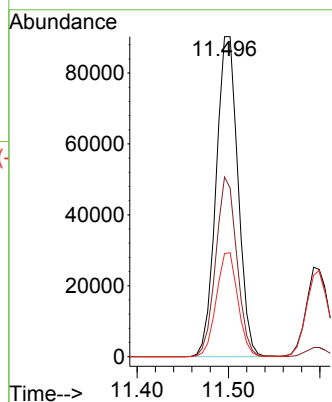
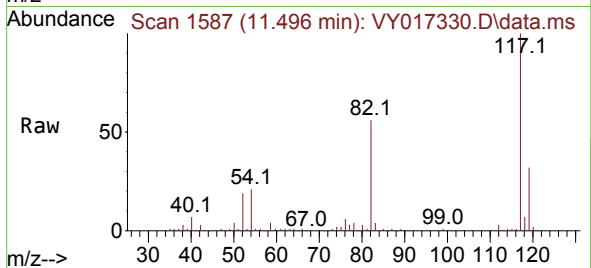




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

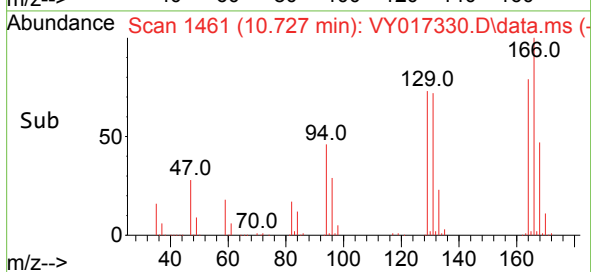
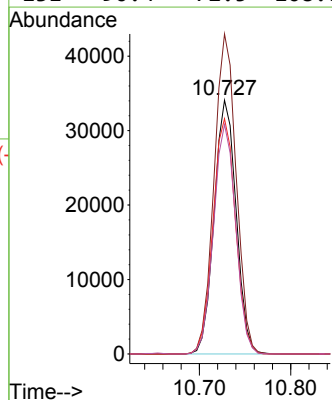
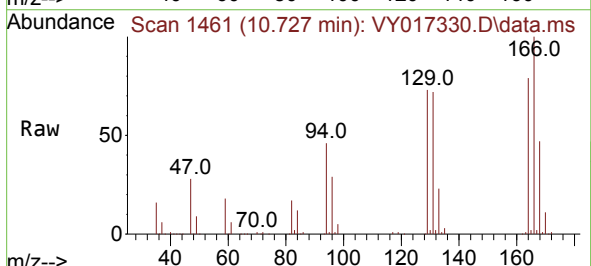
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

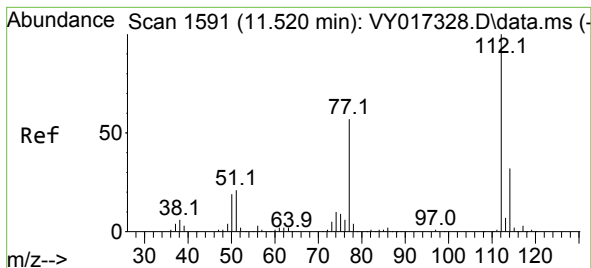
Tgt Ion:117 Resp: 150614
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 58.086 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:164 Resp: 56818
Ion Ratio Lower Upper
164 100
166 126.1 98.8 148.2
129 92.7 78.9 118.3
131 90.4 72.5 108.7





#65

Chlorobenzene

Concen: 56.487 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

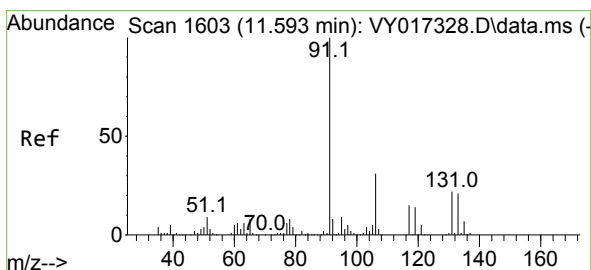
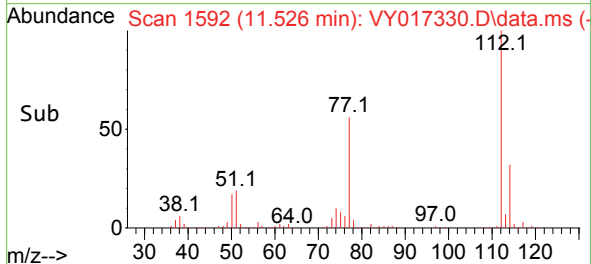
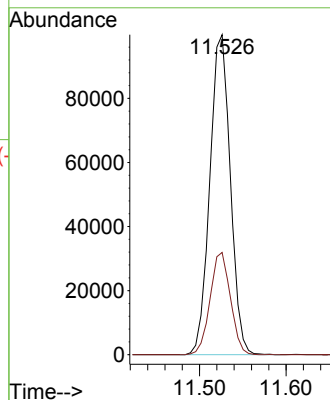
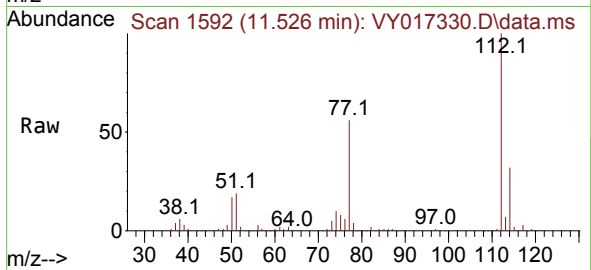
VSTDCCC050

Tgt Ion:112 Resp: 164121

Ion Ratio Lower Upper

112 100

114 31.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 57.303 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

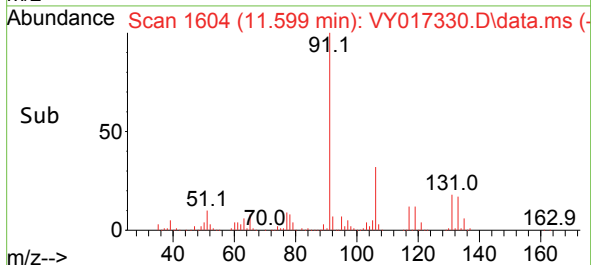
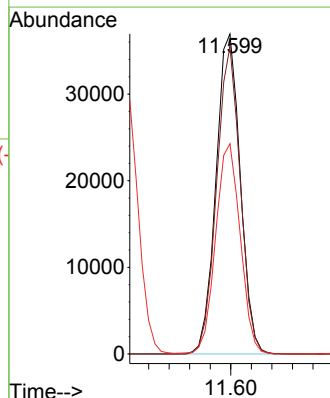
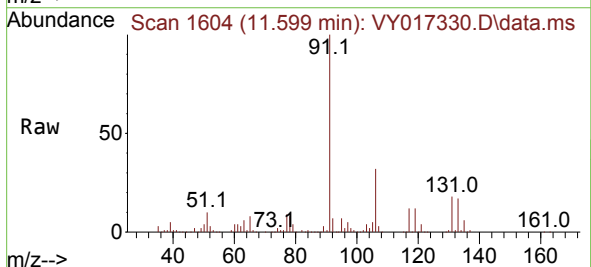
Tgt Ion:131 Resp: 60505

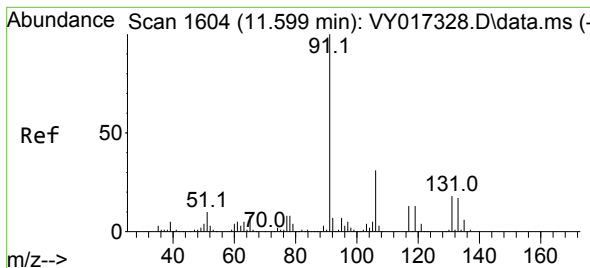
Ion Ratio Lower Upper

131 100

133 93.5 47.0 141.0

119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 58.405 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

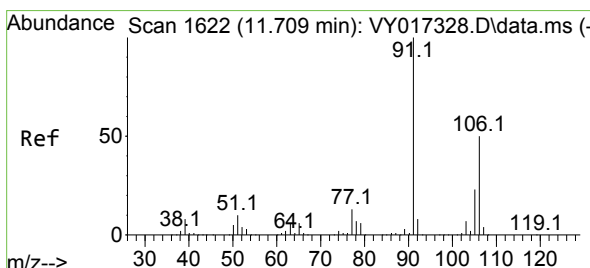
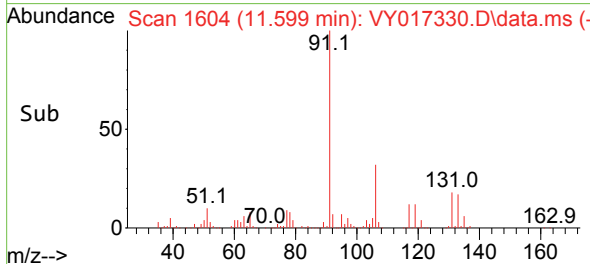
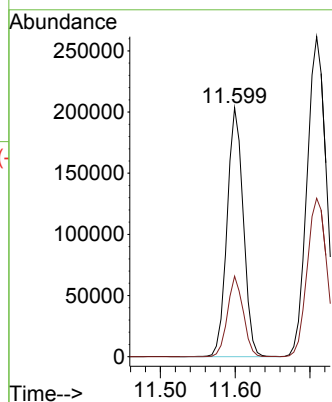
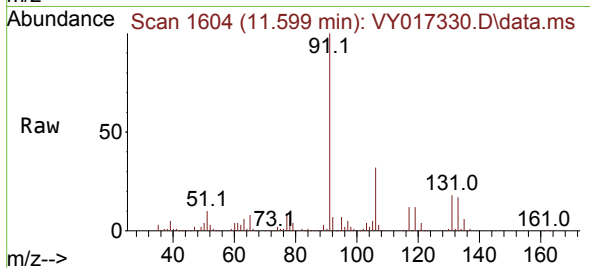
VSTDCCC050

Tgt Ion: 91 Resp: 306685

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 117.809 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017330.D

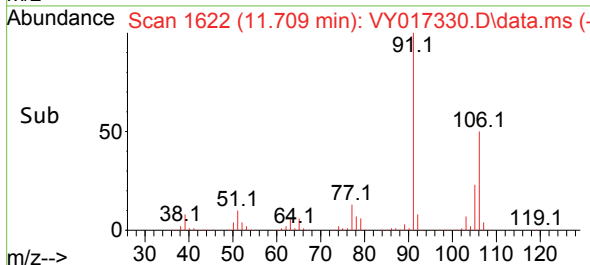
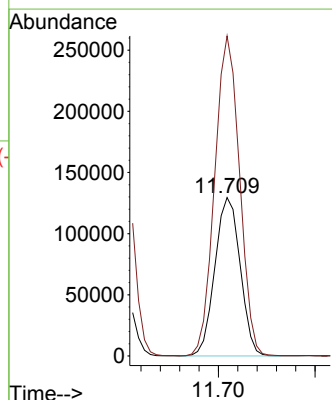
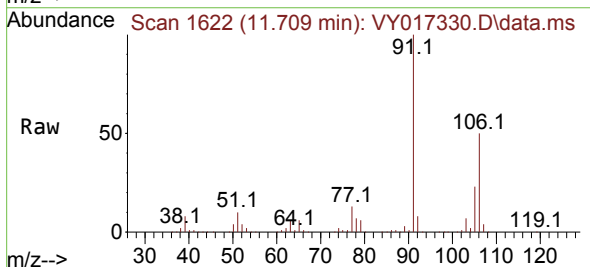
Acq: 09 Feb 2024 10:09

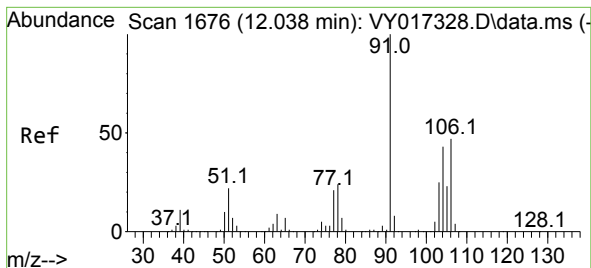
Tgt Ion:106 Resp: 234763

Ion Ratio Lower Upper

106 100

91 198.7 160.7 241.1

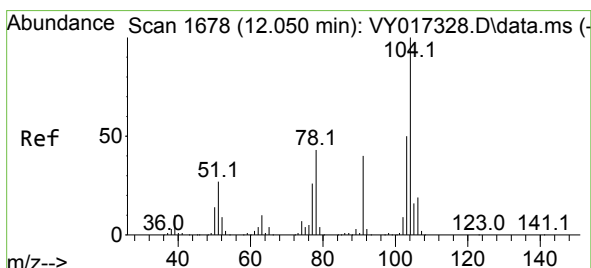
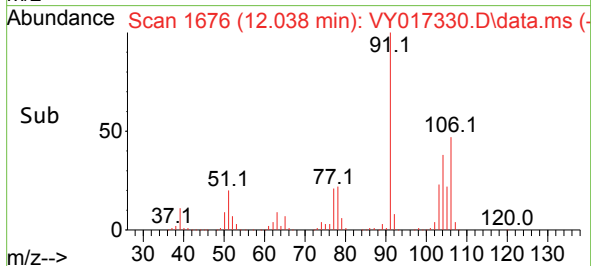
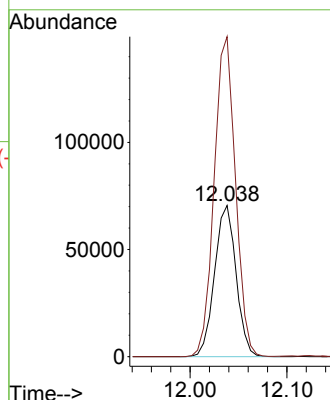
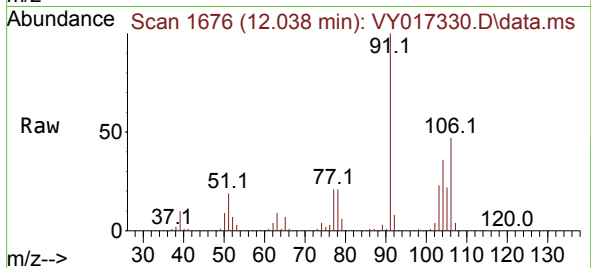




#69
o-Xylene
Concen: 59.300 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

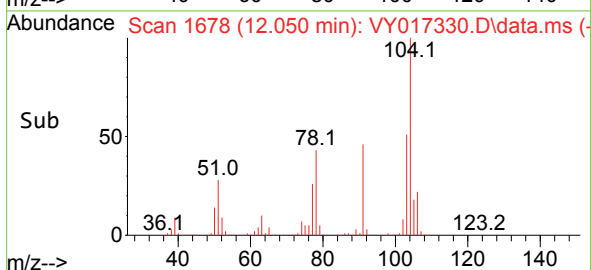
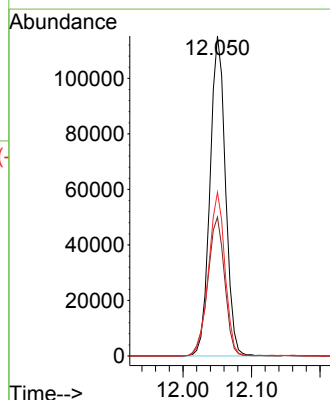
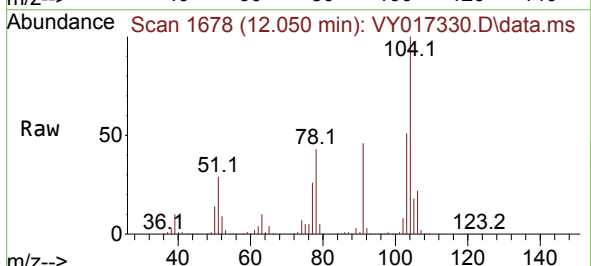
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

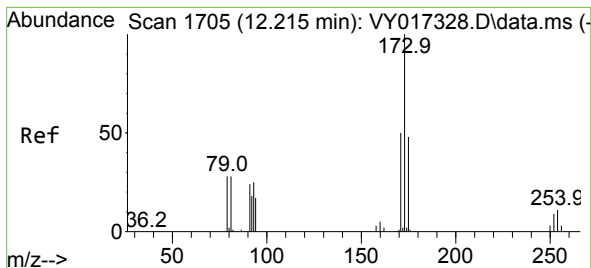
Tgt Ion:106 Resp: 108822
Ion Ratio Lower Upper
106 100
91 210.1 106.5 319.5



#70
Styrene
Concen: 60.016 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion:104 Resp: 181464
Ion Ratio Lower Upper
104 100
78 47.4 39.2 58.8
103 54.0 43.8 65.6





#71

Bromoform

Concen: 57.168 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

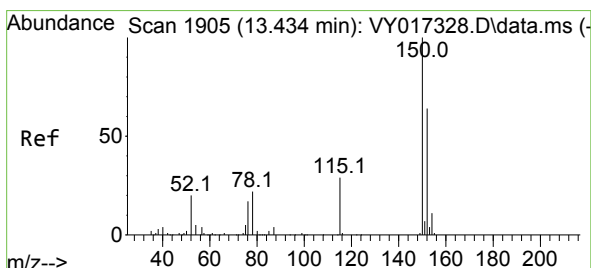
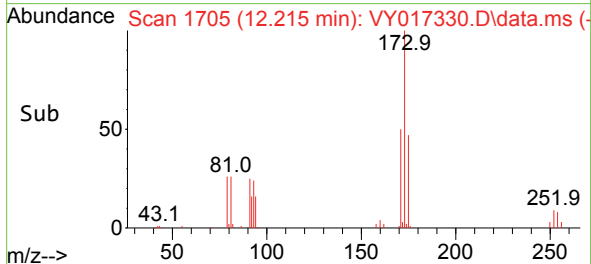
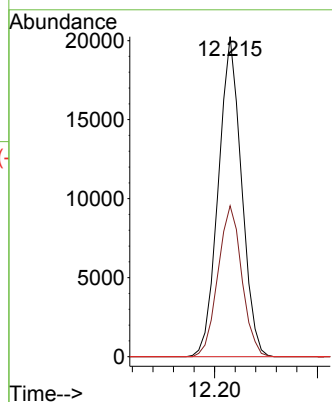
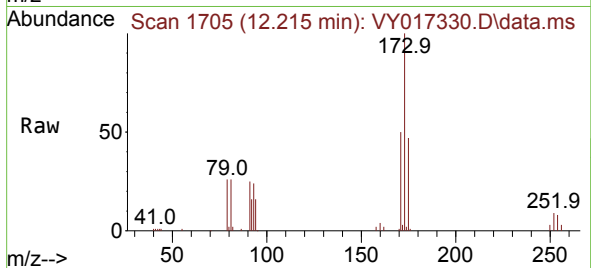
Tgt Ion:173 Resp: 31612

Ion Ratio Lower Upper

173 100

175 48.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

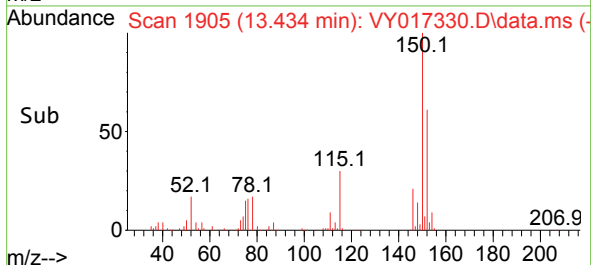
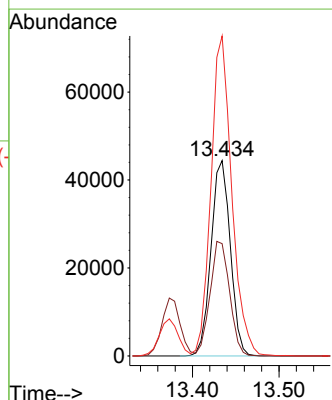
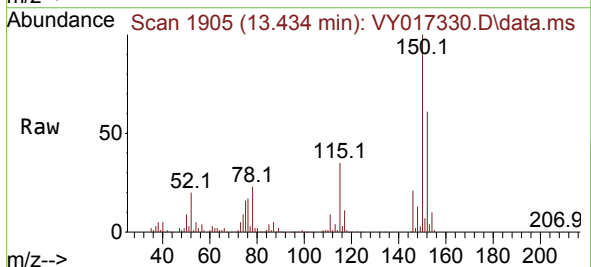
Tgt Ion:152 Resp: 68824

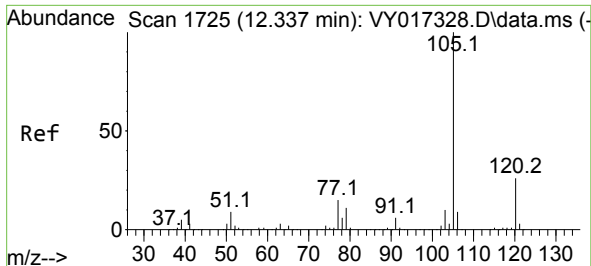
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 176.6 0.0 344.6

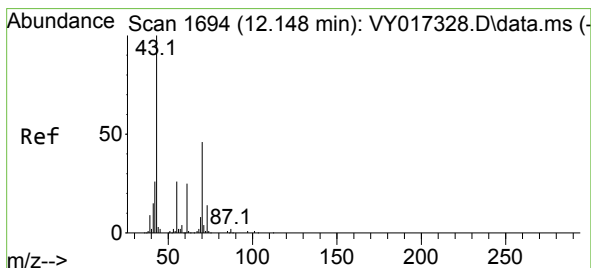
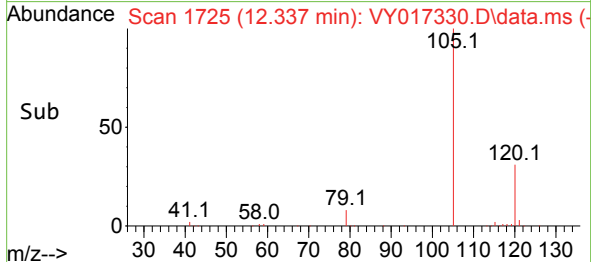
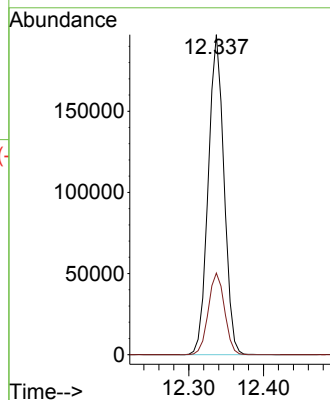
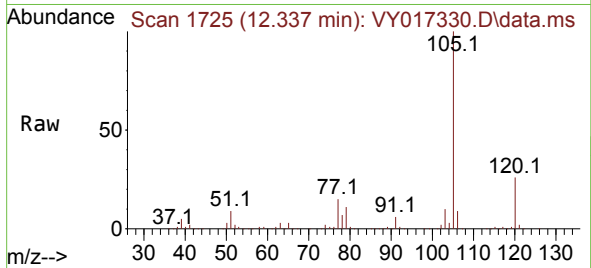




#73
Isopropylbenzene
Concen: 56.897 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

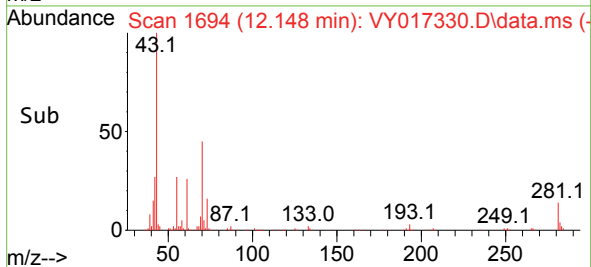
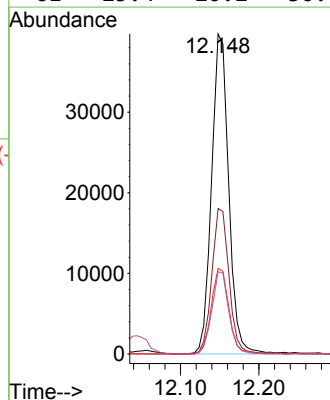
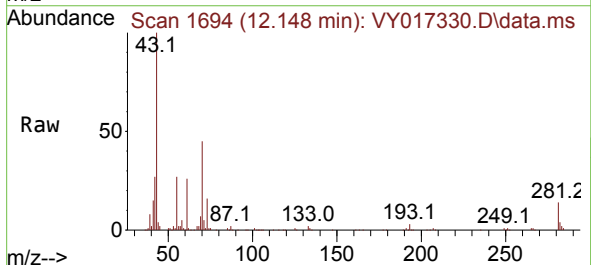
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

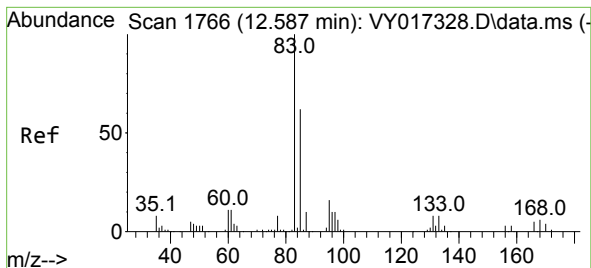
Tgt Ion:105 Resp: 287673
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 53.113 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 43 Resp: 60340
Ion Ratio Lower Upper
43 100
70 45.6 36.6 55.0
55 27.6 22.2 33.4
61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.088 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

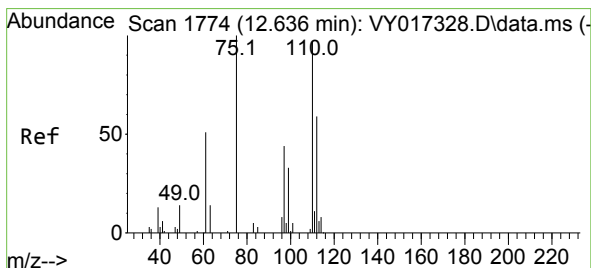
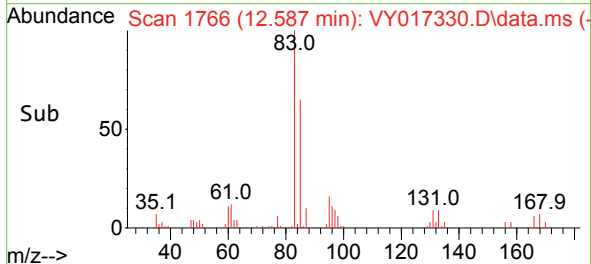
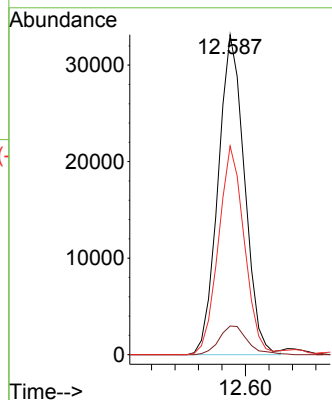
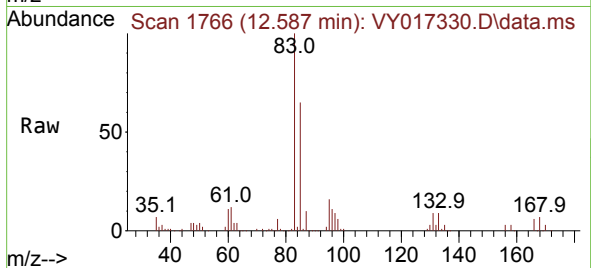
Tgt Ion: 83 Resp: 51799

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 101.629 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017330.D

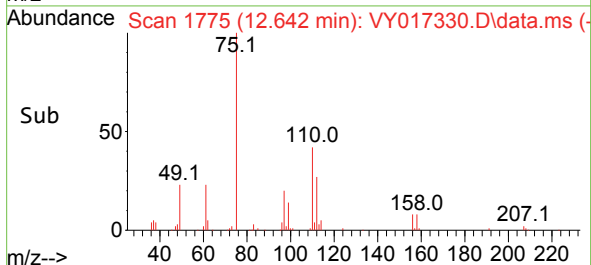
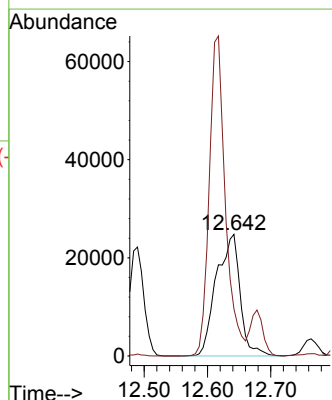
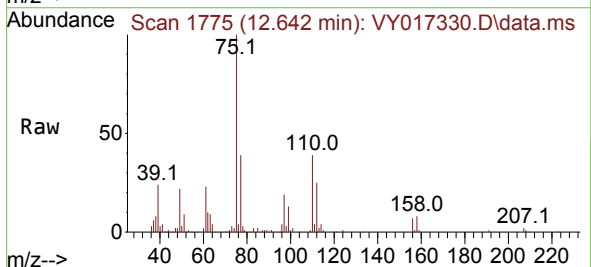
Acq: 09 Feb 2024 10:09

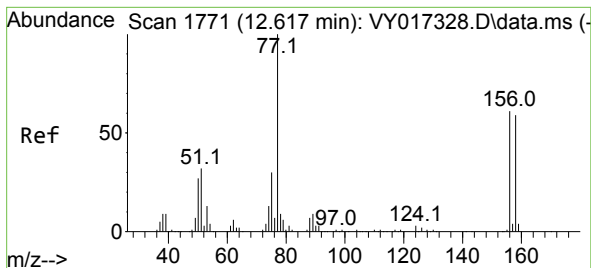
Tgt Ion: 75 Resp: 64558

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.265 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

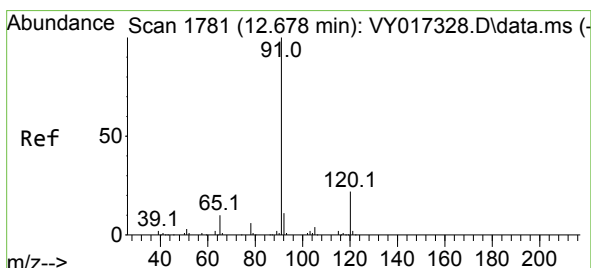
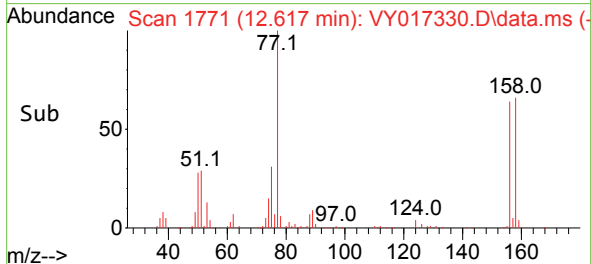
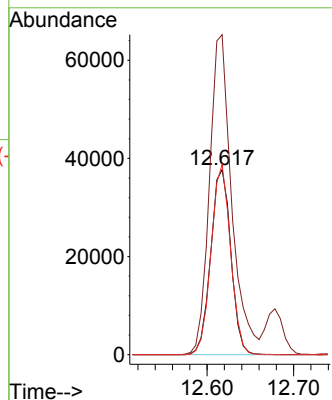
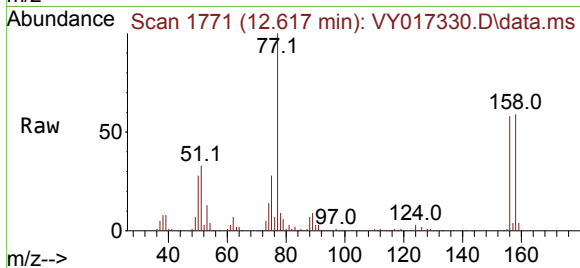
Tgt Ion:156 Resp: 60858

Ion Ratio Lower Upper

156 100

77 191.4 97.3 291.8

158 99.3 48.4 145.0



#78

n-propylbenzene

Concen: 57.149 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017330.D

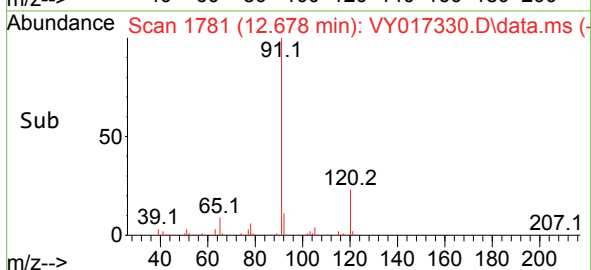
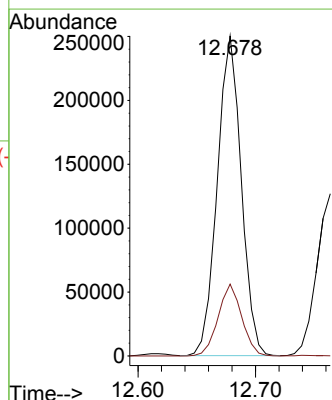
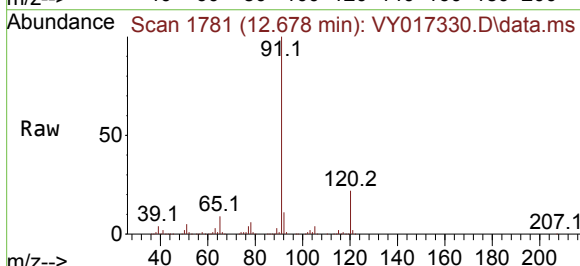
Acq: 09 Feb 2024 10:09

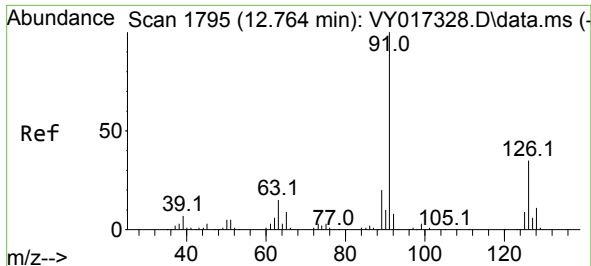
Tgt Ion: 91 Resp: 354882

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

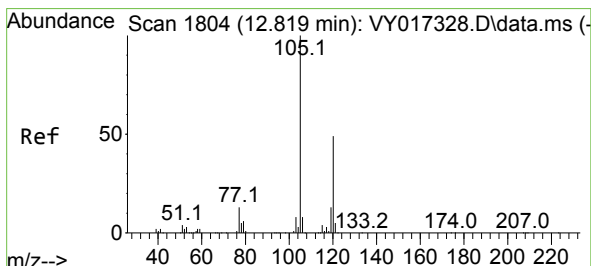
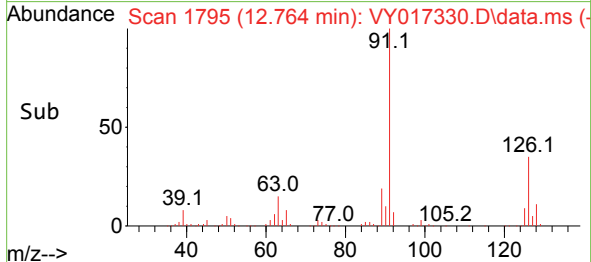
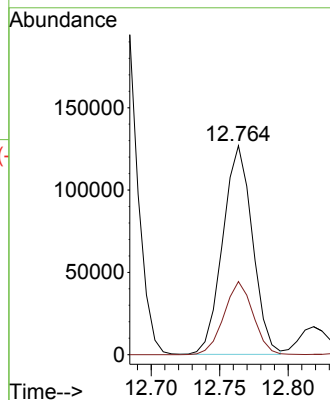
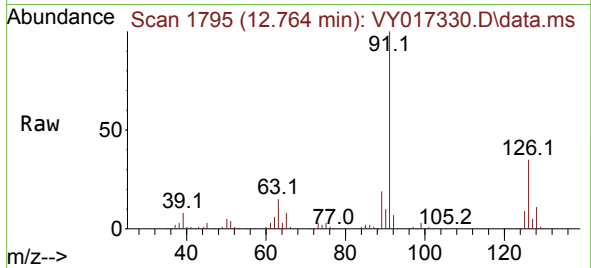




#79
2-Chlorotoluene
Concen: 56.151 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

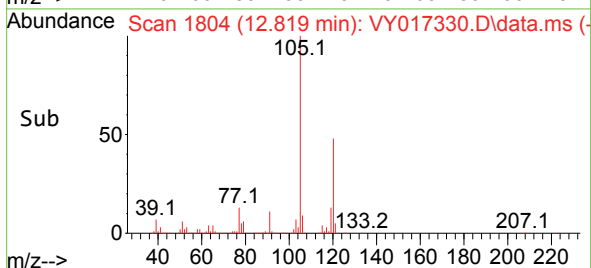
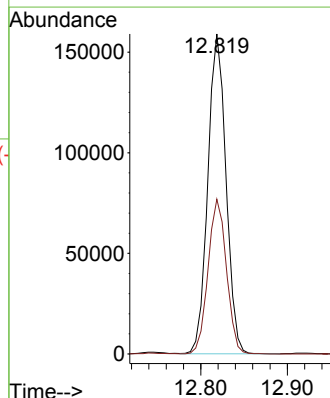
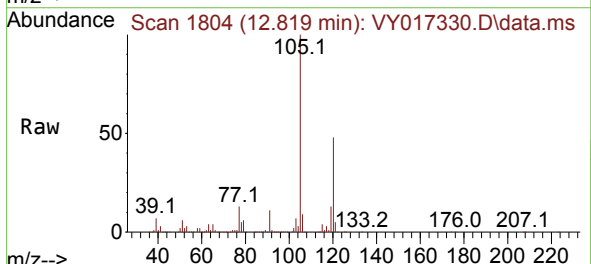
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

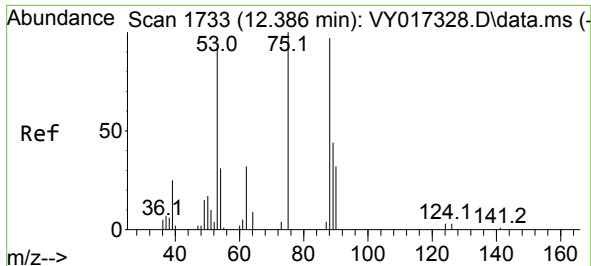
Tgt Ion: 91 Resp: 191696
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 57.592 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 105 Resp: 231586
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

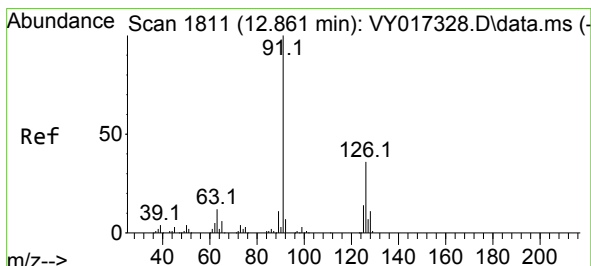
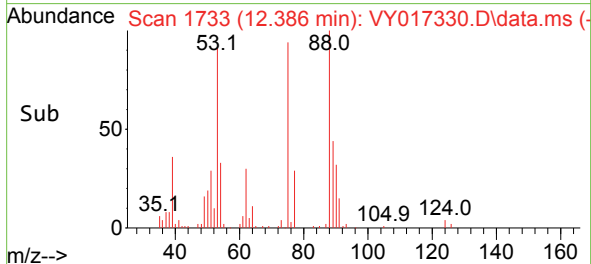
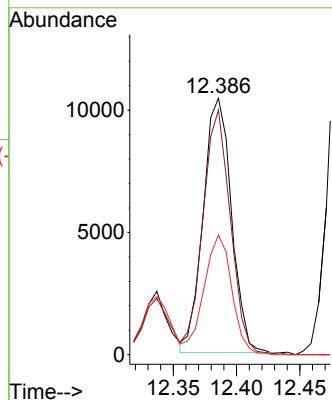
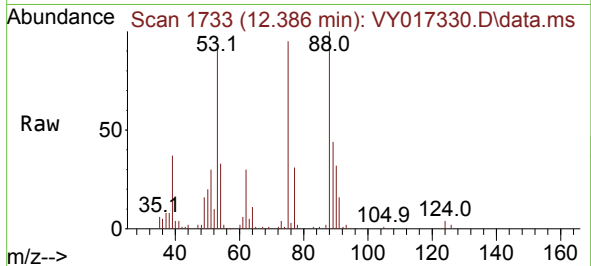




#81
trans-1,4-Dichloro-2-butene
Concen: 53.007 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

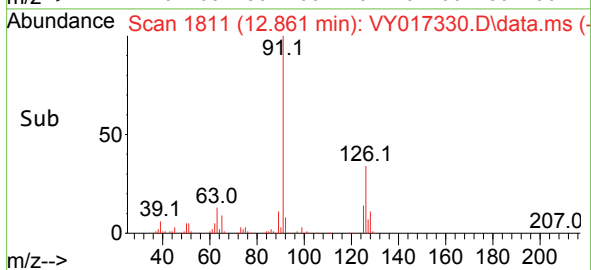
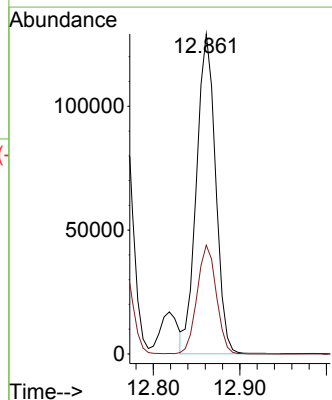
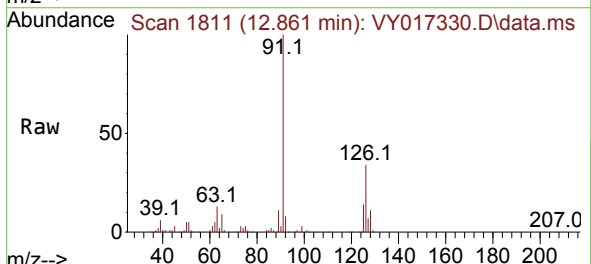
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

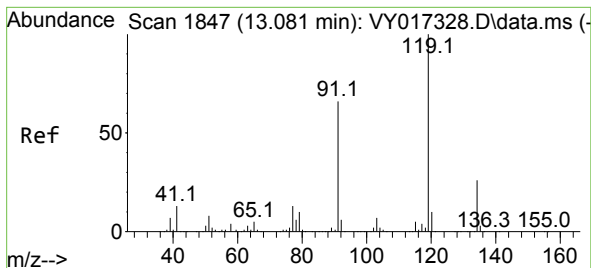
Tgt Ion: 75 Resp: 16205
Ion Ratio Lower Upper
75 100
53 94.2 74.0 111.0
89 46.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 56.189 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 91 Resp: 197428
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 58.155 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

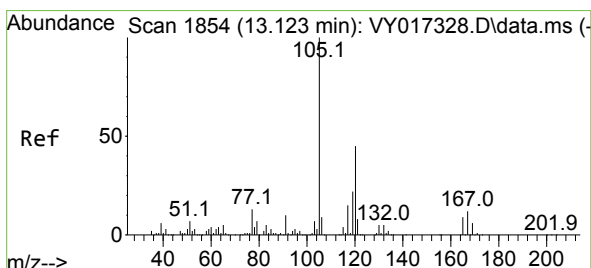
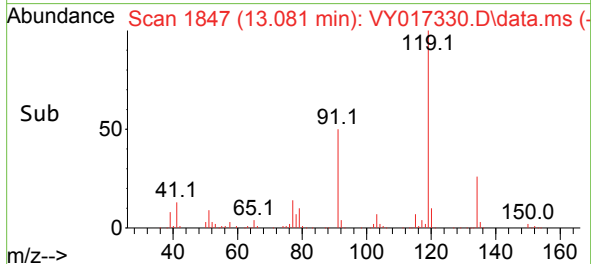
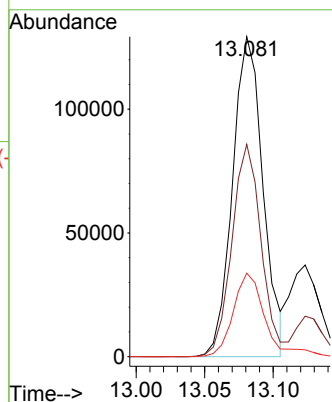
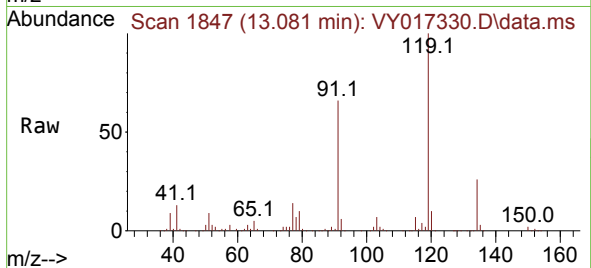
Tgt Ion:119 Resp: 200453

Ion Ratio Lower Upper

119 100

91 63.3 31.5 94.5

134 27.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 58.122 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017330.D

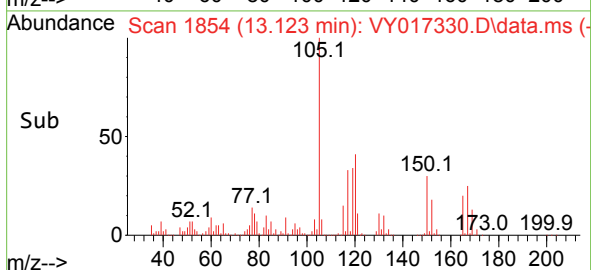
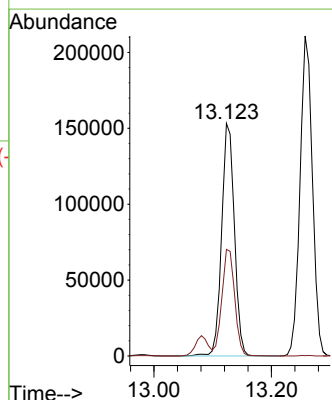
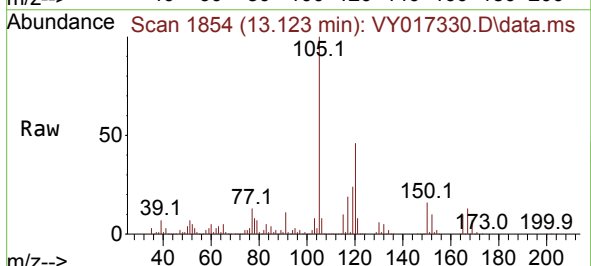
Acq: 09 Feb 2024 10:09

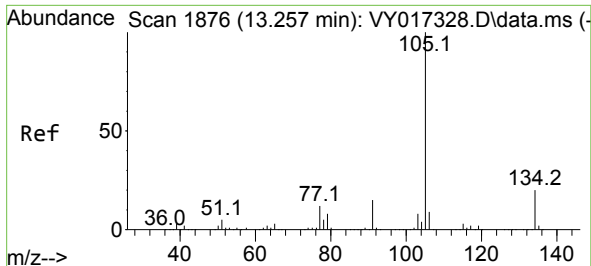
Tgt Ion:105 Resp: 230694

Ion Ratio Lower Upper

105 100

120 46.1 22.1 66.3

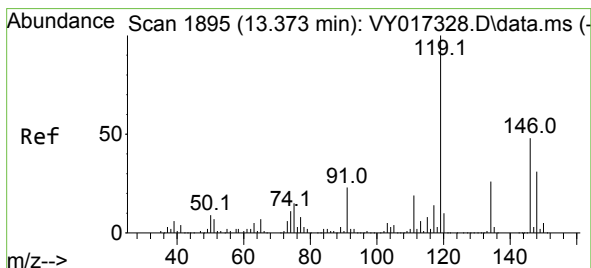
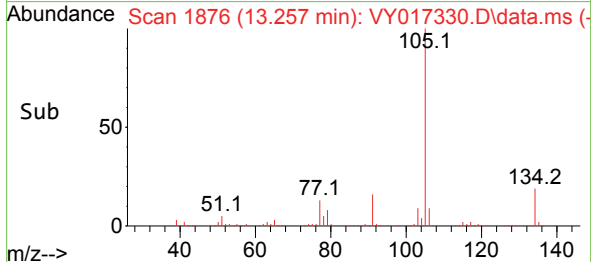
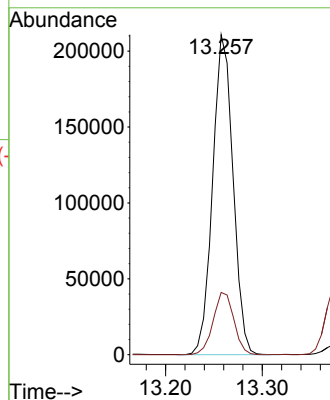
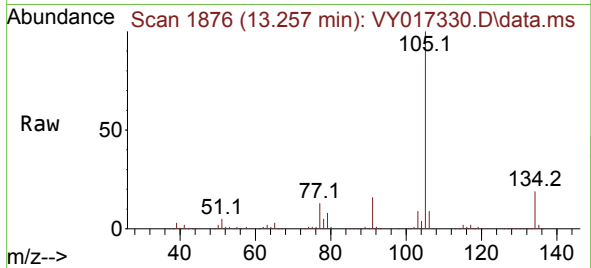




#85
 sec-Butylbenzene
 Concen: 57.283 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

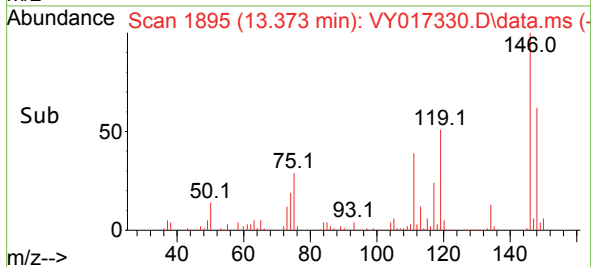
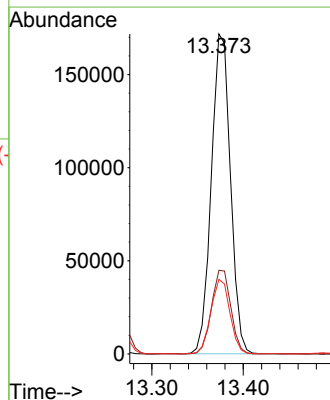
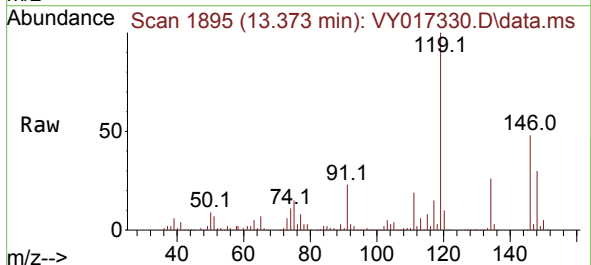
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

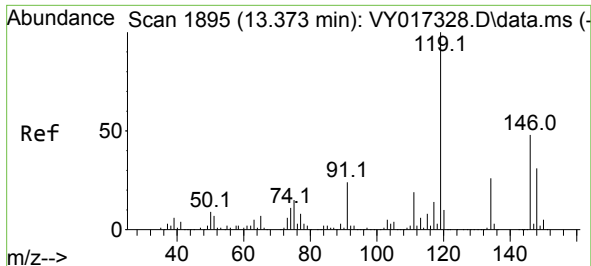
Tgt Ion:105 Resp: 308600
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 57.787 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017330.D
 Acq: 09 Feb 2024 10:09

Tgt Ion:119 Resp: 248771
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 55.807 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

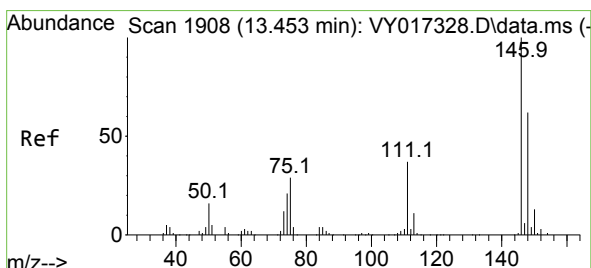
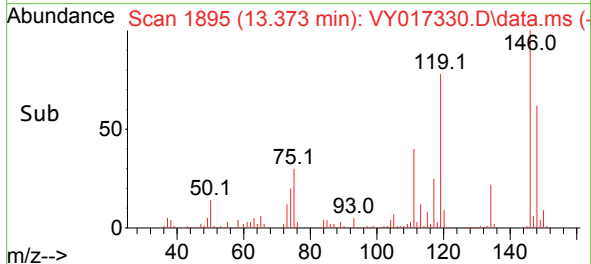
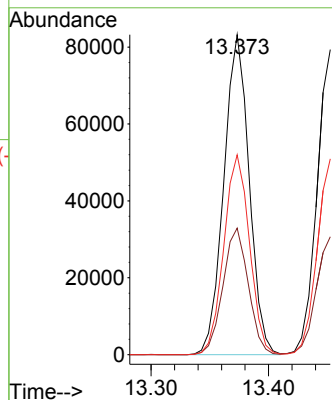
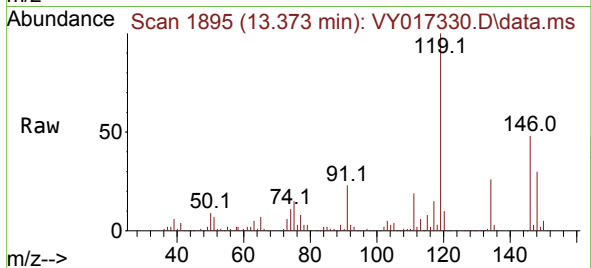
Tgt Ion:146 Resp: 124858

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 55.888 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

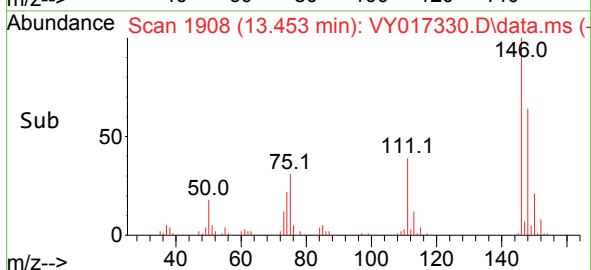
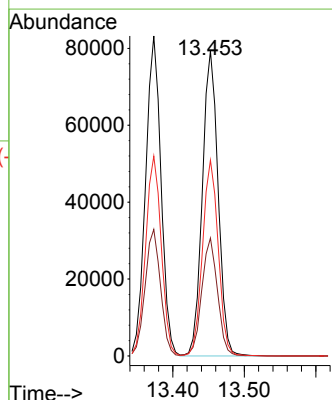
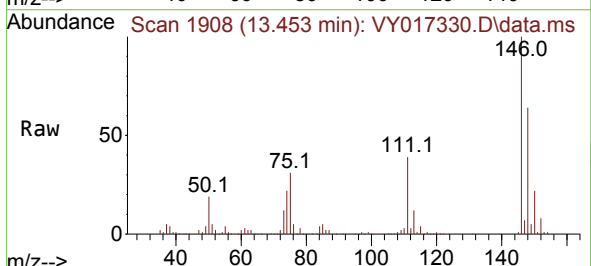
Tgt Ion:146 Resp: 121479

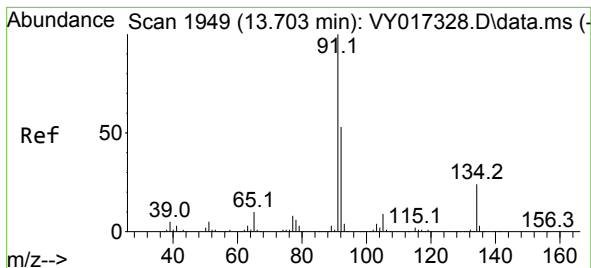
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 58.150 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

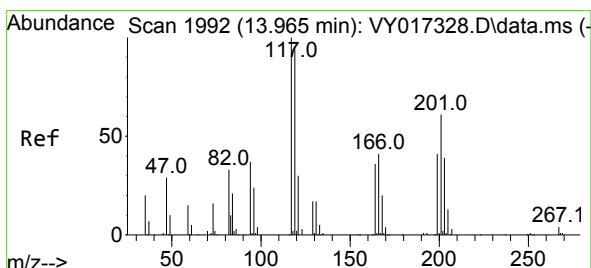
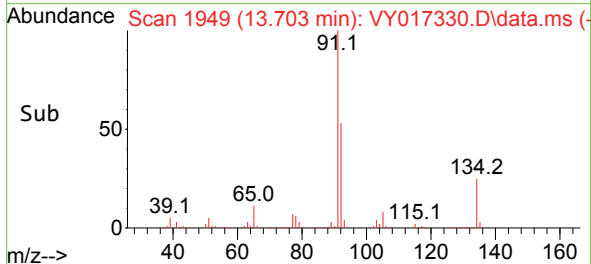
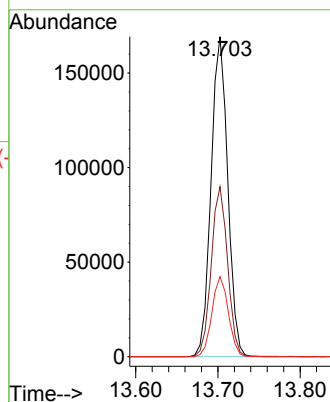
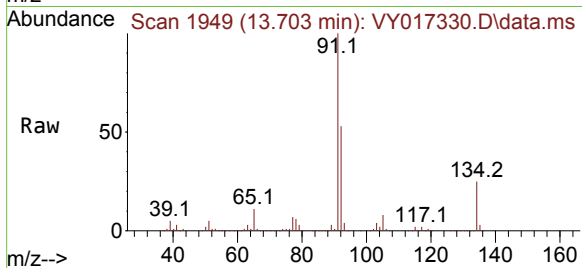
Tgt Ion: 91 Resp: 238012

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 55.921 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017330.D

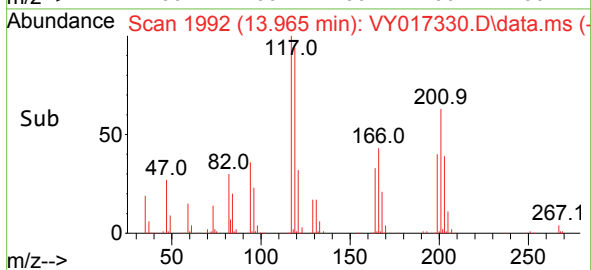
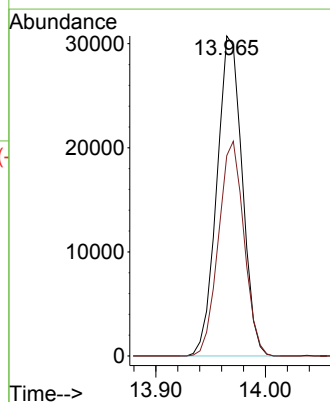
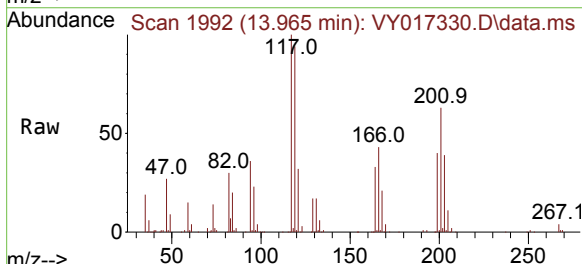
Acq: 09 Feb 2024 10:09

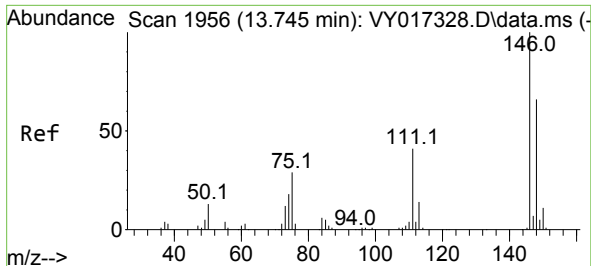
Tgt Ion: 117 Resp: 49422

Ion Ratio Lower Upper

117 100

201 67.5 33.4 100.1

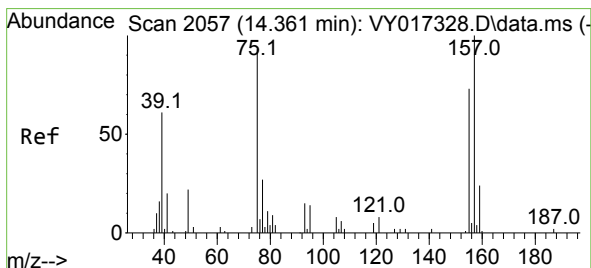
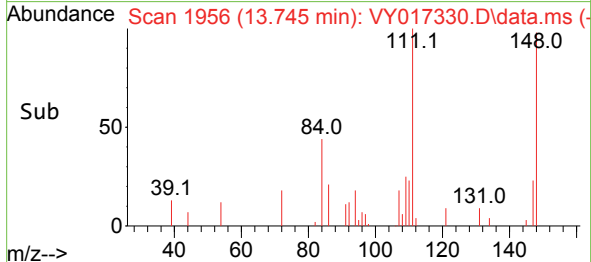
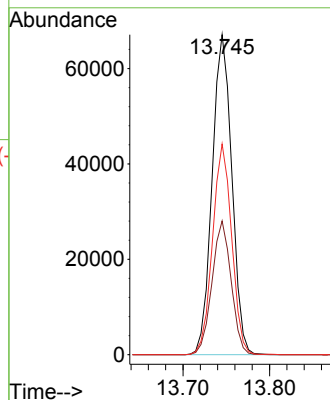
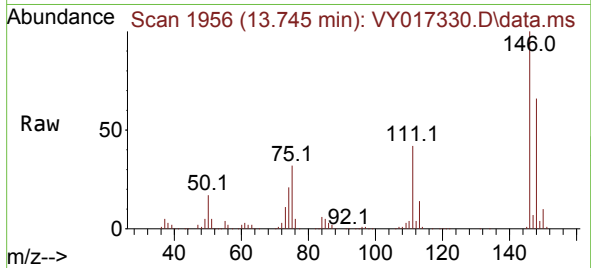




#91
1,2-Dichlorobenzene
Concen: 55.543 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

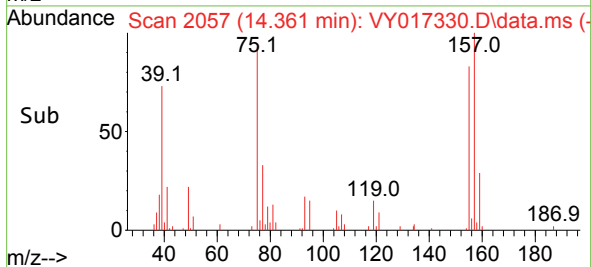
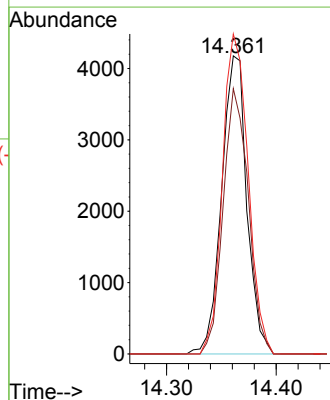
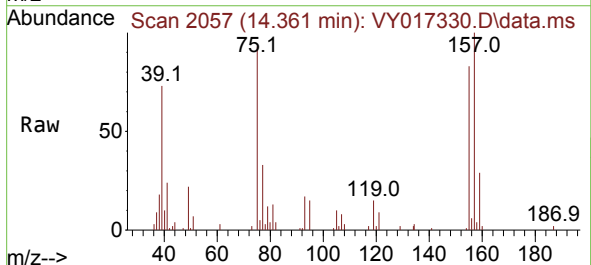
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

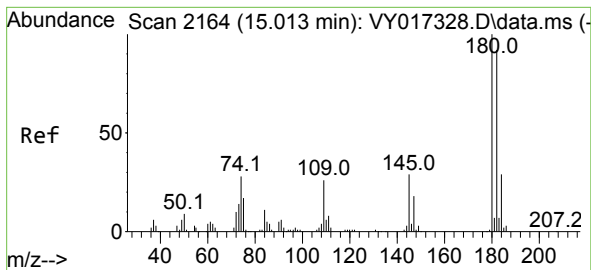
Tgt Ion:146 Resp: 105789
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.6
148 64.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.578 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017330.D
Acq: 09 Feb 2024 10:09

Tgt Ion: 75 Resp: 6681
Ion Ratio Lower Upper
75 100
155 88.8 42.1 126.3
157 109.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 58.726 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

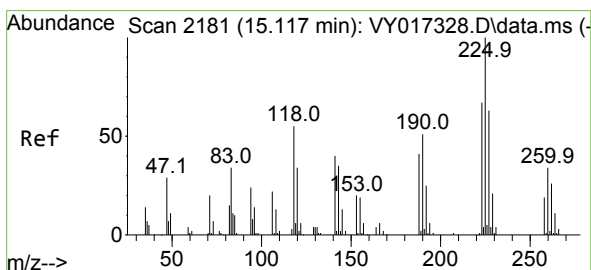
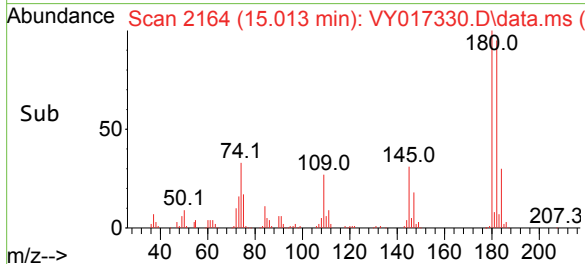
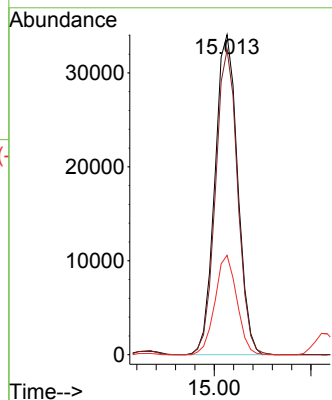
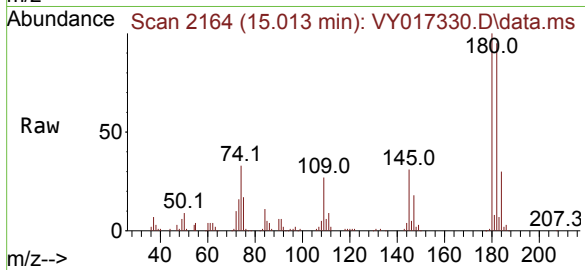
Tgt Ion:180 Resp: 55558

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 57.211 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

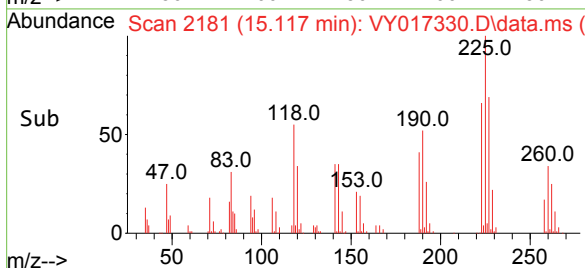
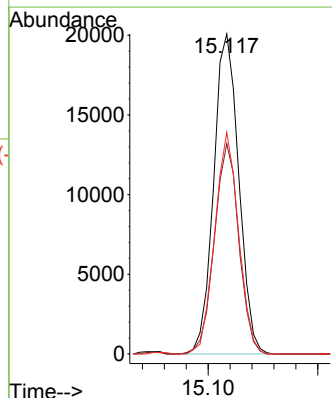
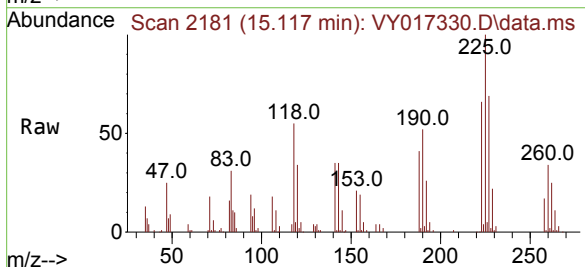
Tgt Ion:225 Resp: 31877

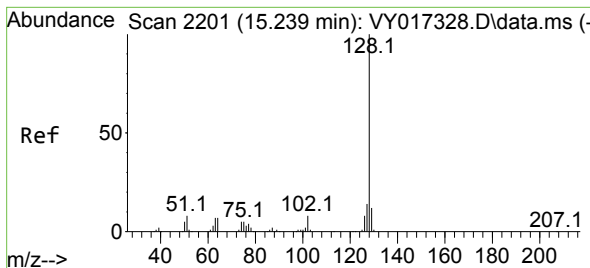
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.3

227 66.1 32.3 96.8





#95

Naphthalene

Concen: 51.200 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

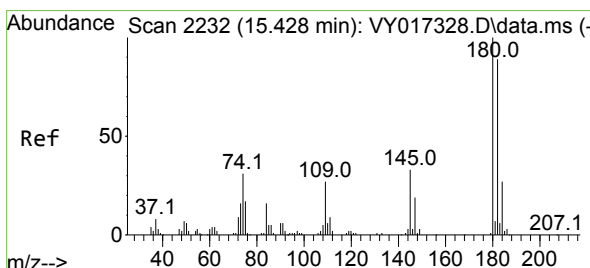
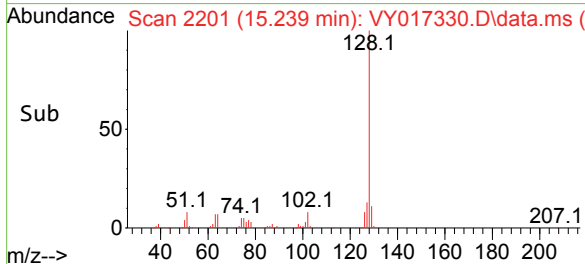
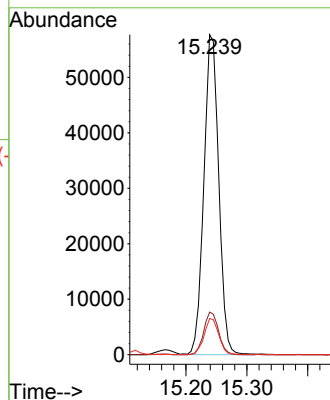
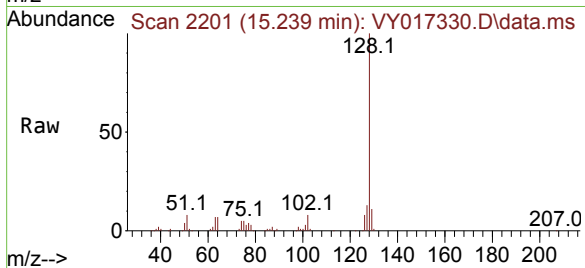
Tgt Ion:128 Resp: 98114

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 58.022 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017330.D

Acq: 09 Feb 2024 10:09

Tgt Ion:180 Resp: 46685

Ion Ratio Lower Upper

180 100

182 94.0 46.3 138.8

145 32.1 16.1 48.2

