

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017175.D
 Acq On : 02 Feb 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 22:26:19 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	124904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	186838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	51488	46.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.280%
35) Dibromofluoromethane	7.734	113	53512	46.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.020%
50) Toluene-d8	10.191	98	198335	46.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.495	95	63448	45.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	45476	48.028	ug/l	99
3) Chloromethane	2.119	50	92029	54.103	ug/l	99
4) Vinyl Chloride	2.253	62	114696	55.332	ug/l	100
5) Bromomethane	2.655	94	76889	53.511	ug/l	98
6) Chloroethane	2.802	64	74735	55.839	ug/l	98
7) Trichlorofluoromethane	3.131	101	114376	53.660	ug/l	99
8) Diethyl Ether	3.533	74	36478	54.407	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	70671	54.695	ug/l	98
10) Methyl Iodide	4.100	142	76616	56.403	ug/l	99
11) Tert butyl alcohol	4.960	59	22237	235.842	ug/l	100
12) 1,1-Dichloroethene	3.881	96	66219	54.694	ug/l	96
13) Acrolein	3.734	56	20728	222.926	ug/l	98
14) Allyl chloride	4.490	41	103565	56.583	ug/l	98
15) Acrylonitrile	5.179	53	79253	262.537	ug/l	99
16) Acetone	3.954	43	97742	298.036	ug/l	98
17) Carbon Disulfide	4.204	76	208270	53.889	ug/l	99
18) Methyl Acetate	4.490	43	41882	57.246	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	159950	54.855	ug/l	98
20) Methylene Chloride	4.734	84	72972	54.654	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	77176	56.034	ug/l	99
22) Diisopropyl ether	6.136	45	228686	56.895	ug/l	96
23) Vinyl Acetate	6.069	43	669371	274.843	ug/l	99
24) 1,1-Dichloroethane	6.033	63	136375	55.385	ug/l	99
25) 2-Butanone	6.996	43	124938	286.572	ug/l	99
26) 2,2-Dichloropropane	6.996	77	116104	56.689	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	86061	55.867	ug/l	99
28) Bromochloromethane	7.350	49	51539	54.666	ug/l	99
29) Tetrahydrofuran	7.362	42	64971	263.810	ug/l	99
30) Chloroform	7.520	83	136669	55.175	ug/l	99
31) Cyclohexane	7.801	56	120676	53.656	ug/l	97
32) 1,1,1-Trichloroethane	7.715	97	120121	56.379	ug/l	100
36) 1,1-Dichloropropene	7.929	75	109273	54.462	ug/l	100
37) Ethyl Acetate	7.087	43	45306	48.686	ug/l	98
38) Carbon Tetrachloride	7.917	117	106065	55.212	ug/l	98
39) Methylcyclohexane	9.197	83	130654	55.740	ug/l	98
40) Benzene	8.173	78	313075	54.641	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	26307	59.666	ug/l	99
42) 1,2-Dichloroethane	8.246	62	80570	53.111	ug/l	100
43) Isopropyl Acetate	8.282	43	86511	52.516	ug/l	99
44) Trichloroethene	8.953	130	80885	55.613	ug/l	97
45) 1,2-Dichloropropane	9.227	63	76622	54.444	ug/l	98
46) Dibromomethane	9.319	93	41041	53.985	ug/l	96
47) Bromodichloromethane	9.508	83	104127	54.730	ug/l	95
48) Methyl methacrylate	9.307	41	40622	52.573	ug/l	100
49) 1,4-Dioxane	9.313	88	8459	1022.279	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	233751	264.710	ug/l	100
52) Toluene	10.258	92	194414	56.214	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	99284	55.556	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	119984	56.053	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	55114	53.285	ug/l	98
56) Ethyl methacrylate	10.520	69	71220	51.106	ug/l	100
57) 1,3-Dichloropropane	10.800	76	95615	53.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	148198	229.988	ug/l	100
59) 2-Hexanone	10.843	43	181902	284.874	ug/l	99
60) Dibromochloromethane	10.995	129	65299	53.814	ug/l	99
61) 1,2-Dibromoethane	11.105	107	51794	53.842	ug/l	99
64) Tetrachloroethene	10.733	164	64428	53.096	ug/l	97
65) Chlorobenzene	11.526	112	197070	54.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	71652	54.704	ug/l	99
67) Ethyl Benzene	11.605	91	372651	57.208	ug/l	99
68) m/p-Xylenes	11.715	106	281012	113.678	ug/l	100
69) o-Xylene	12.044	106	131370	57.708	ug/l	99
70) Styrene	12.056	104	219737	58.584	ug/l	99
71) Bromoform	12.221	173	36614	53.376	ug/l #	99
73) Isopropylbenzene	12.343	105	352546	56.626	ug/l	100
74) N-amyl acetate	12.154	43	74683	53.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	62600	51.122	ug/l	97
76) 1,2,3-Trichloropropane	12.647	75	77876	99.560	ug/l #	100
77) Bromobenzene	12.623	156	72712	52.653	ug/l	99
78) n-propylbenzene	12.684	91	432825	56.605	ug/l	99
79) 2-Chlorotoluene	12.769	91	236649	56.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	280729	56.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	19814	52.635	ug/l	98
82) 4-Chlorotoluene	12.867	91	241870	55.904	ug/l	99
83) tert-Butylbenzene	13.086	119	245536	57.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	278836	57.052	ug/l	100
85) sec-Butylbenzene	13.263	105	374438	56.445	ug/l	99
86) p-Isopropyltoluene	13.379	119	302511	57.067	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	147716	53.619	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	144240	53.892	ug/l	99
89) n-Butylbenzene	13.708	91	289872	57.514	ug/l	100
90) Hexachloroethane	13.970	117	59447	54.626	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	126697	54.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8027	50.326	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	67873	58.264	ug/l	97
94) Hexachlorobutadiene	15.123	225	38258	55.762	ug/l	99
95) Naphthalene	15.245	128	124178	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	56619	57.147	ug/l	98

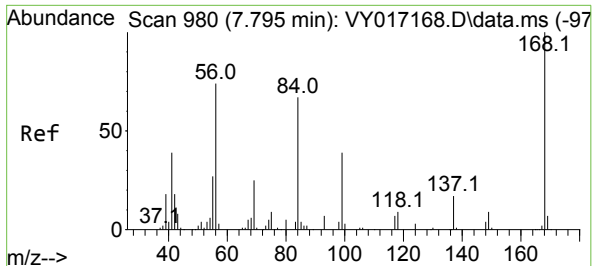
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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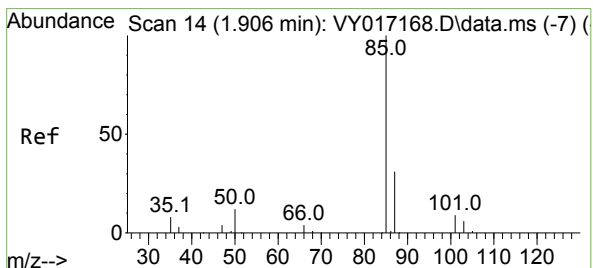
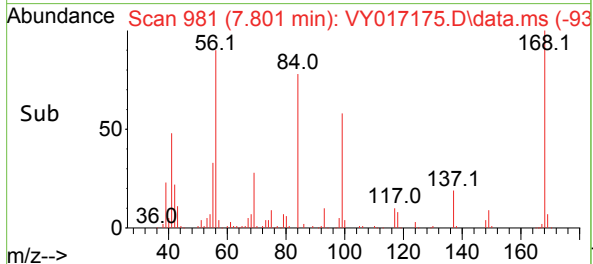
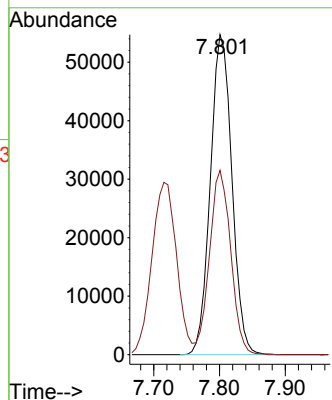
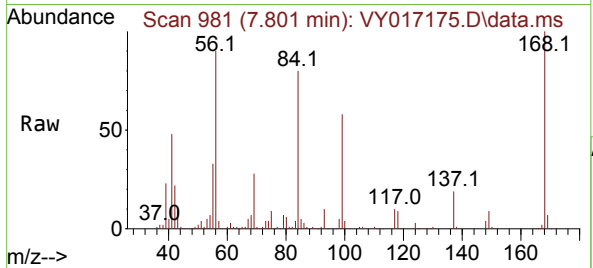
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

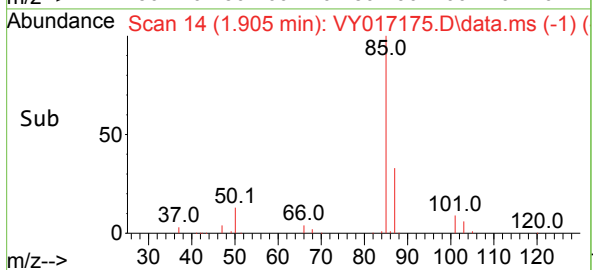
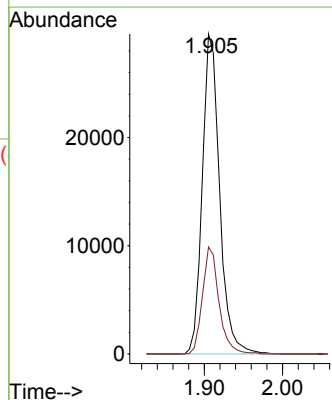
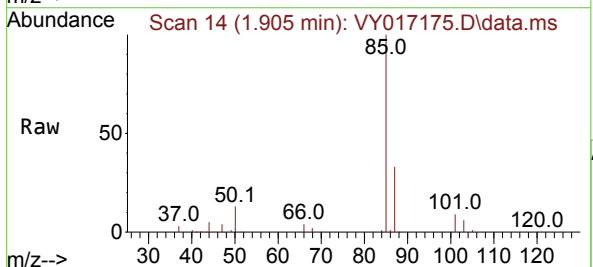
Instrument :
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VSTDCCC050

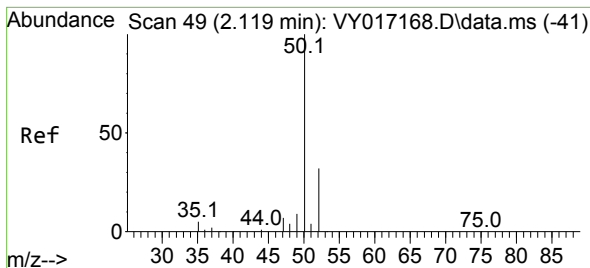
Tgt Ion:168 Resp: 124904
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 48.028 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 85 Resp: 45476
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3





#3

Chloromethane

Concen: 54.103 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

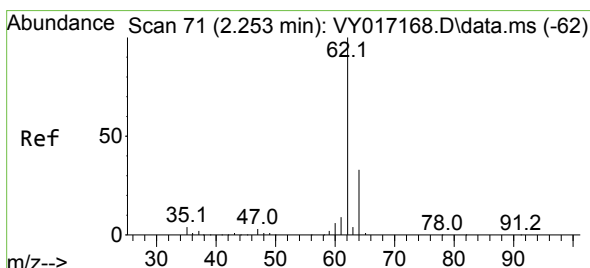
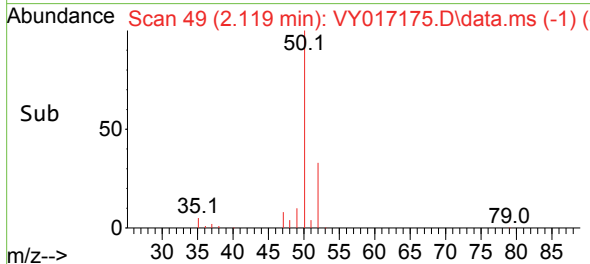
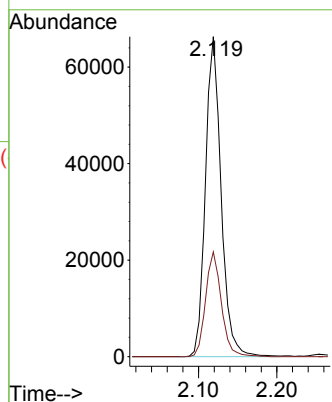
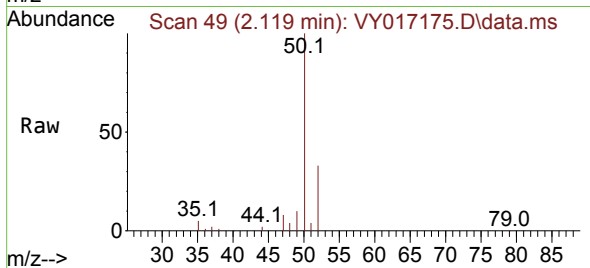
VSTDCCC050

Tgt Ion: 50 Resp: 92029

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 55.332 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY017175.D

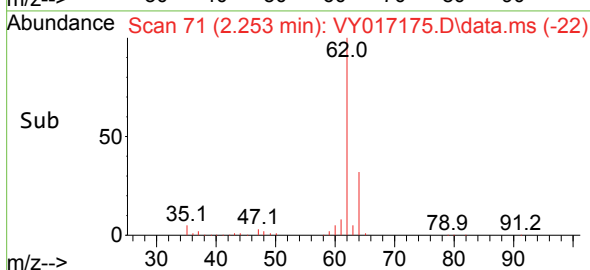
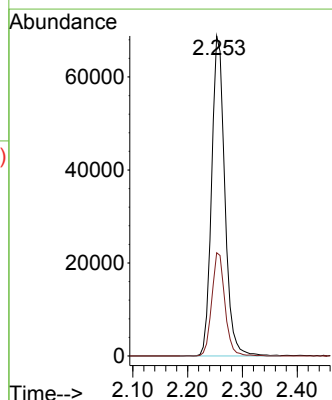
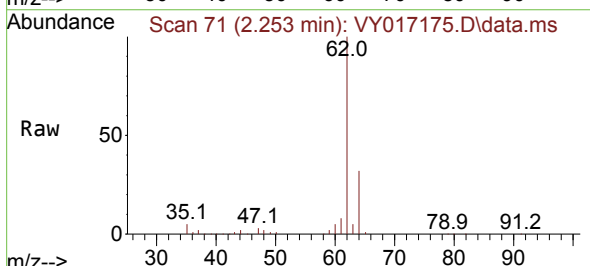
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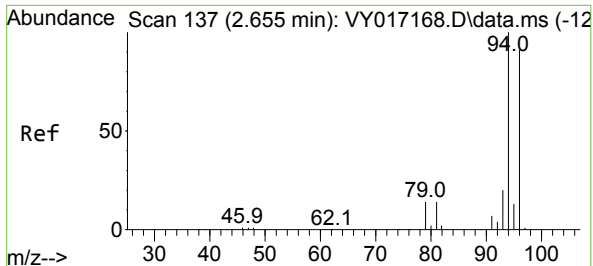
Tgt Ion: 62 Resp: 114696

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5

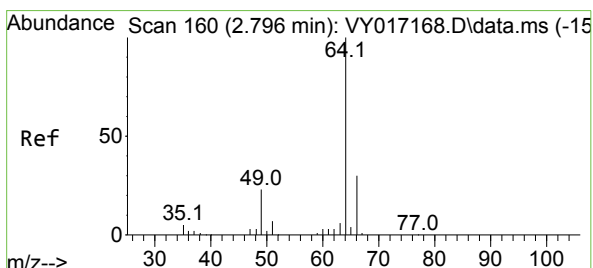
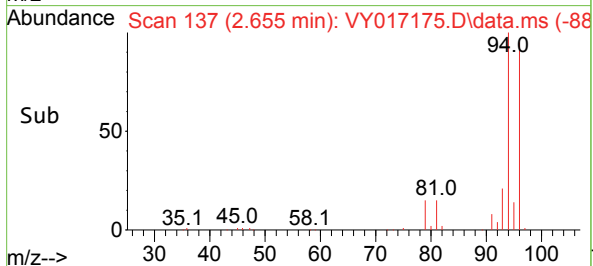
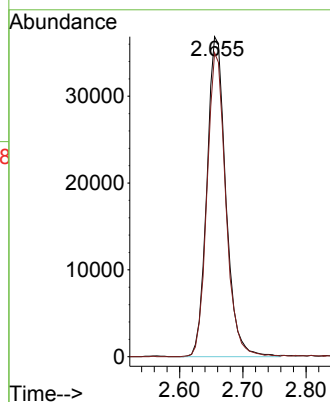
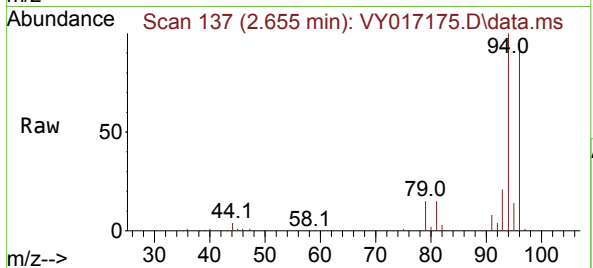




#5
Bromomethane
Concen: 53.511 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

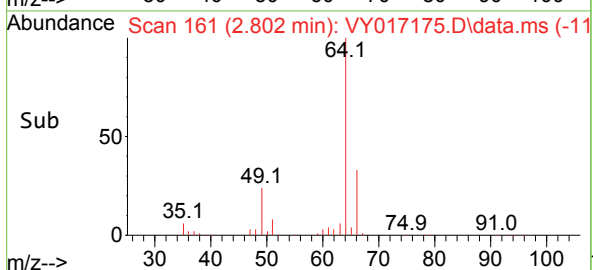
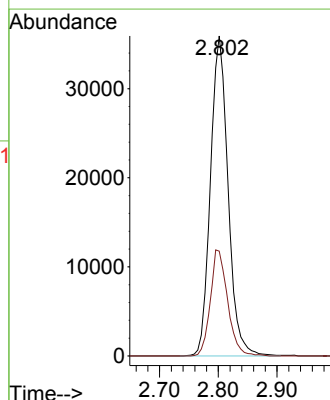
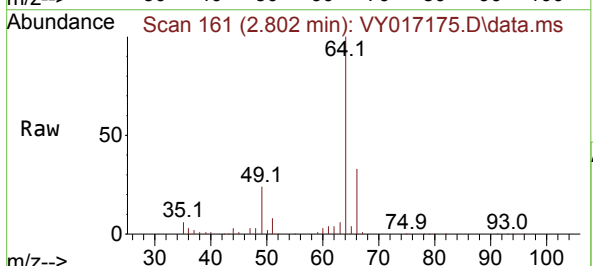
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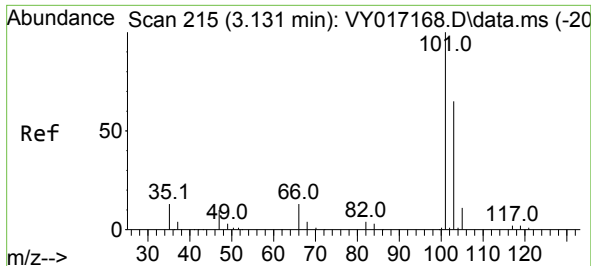
Tgt Ion: 94 Resp: 76889
Ion Ratio Lower Upper
94 100
96 94.9 77.3 115.9



#6
Chloroethane
Concen: 55.839 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 64 Resp: 74735
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

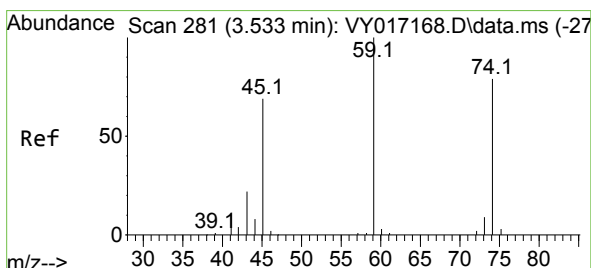
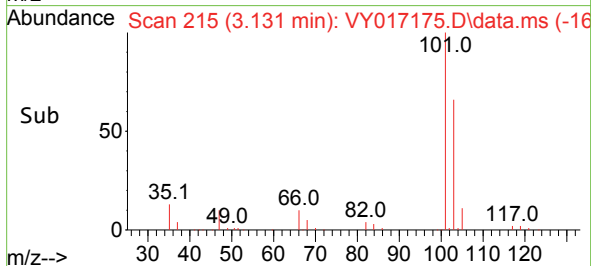
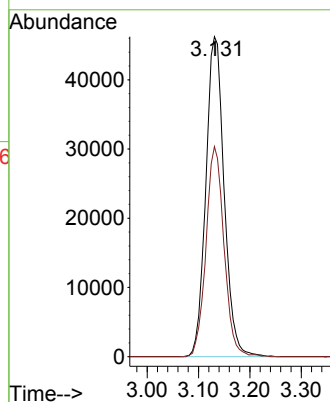
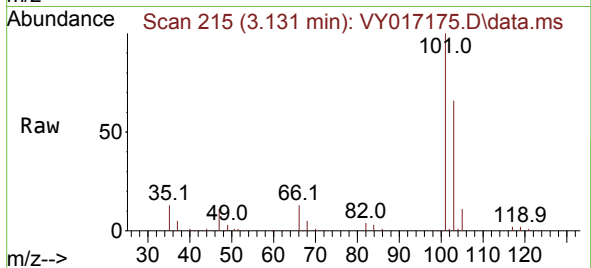




#7
 Trichlorofluoromethane
 Concen: 53.660 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

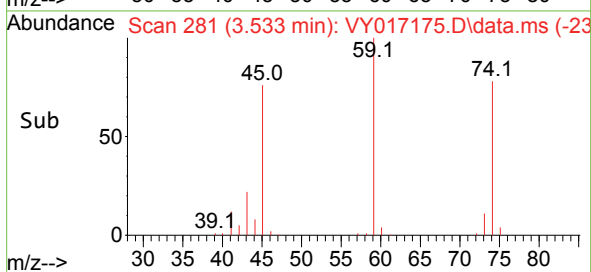
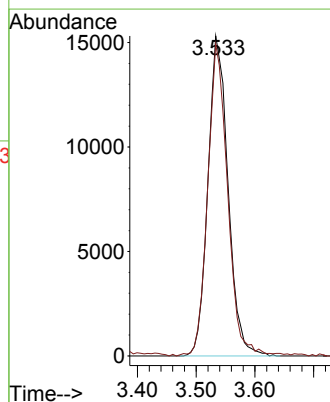
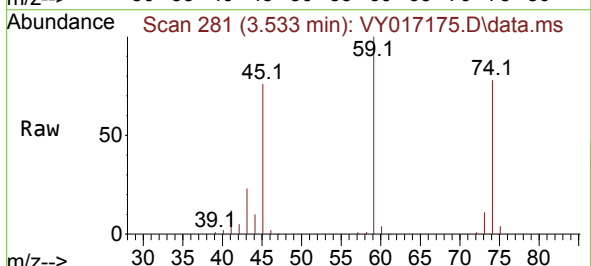
Instrument :
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 ClientSampleId :
 VSTDCCC050

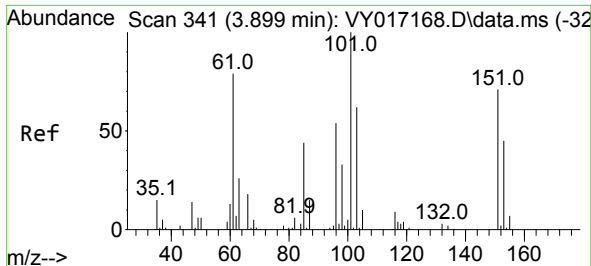
Tgt Ion:101 Resp: 114376
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 54.407 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

Tgt Ion: 74 Resp: 36478
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.7

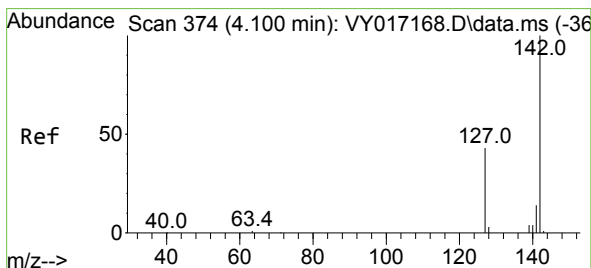
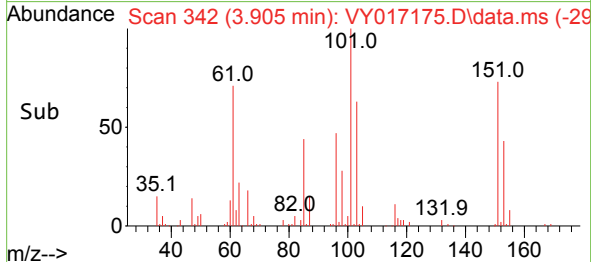
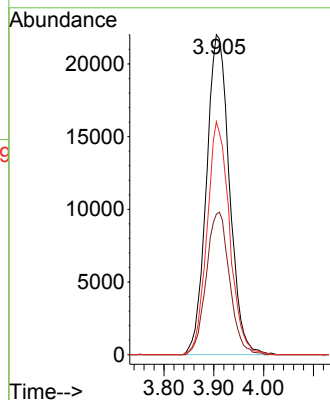
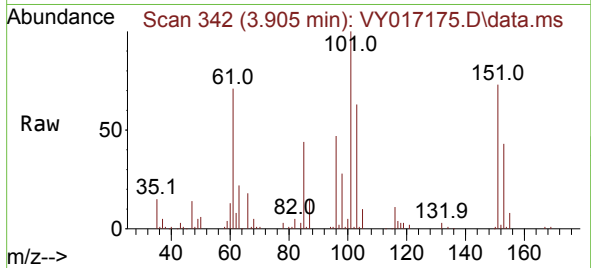




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.695 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
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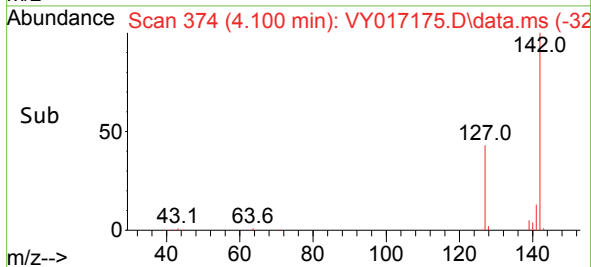
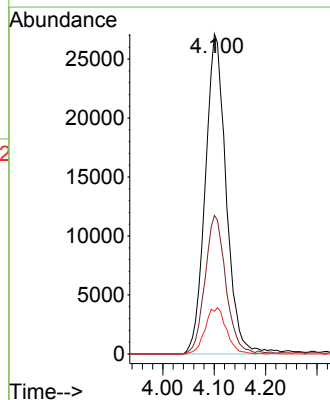
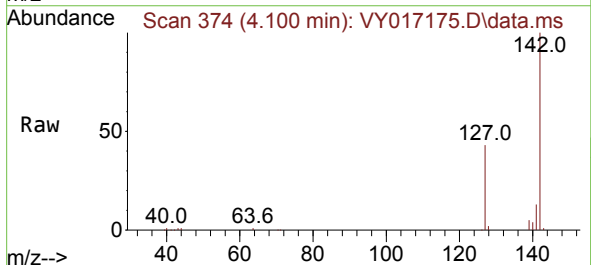
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

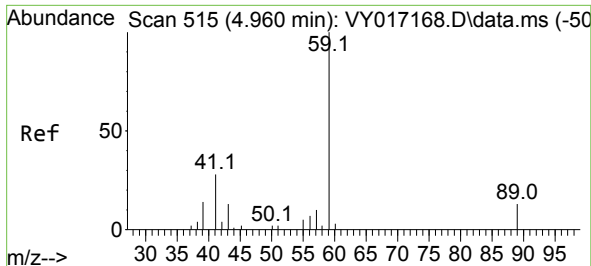
Tgt Ion:101 Resp: 70671
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 71.1 58.6 88.0



#10
Methyl Iodide
Concen: 56.403 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion:142 Resp: 76616
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.6 11.8 17.6

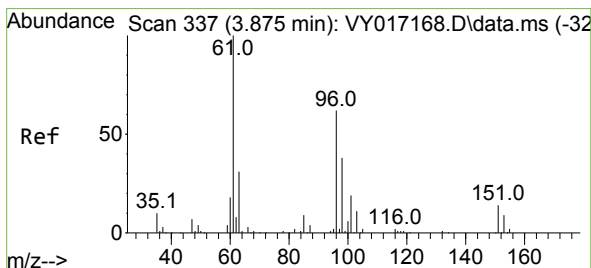
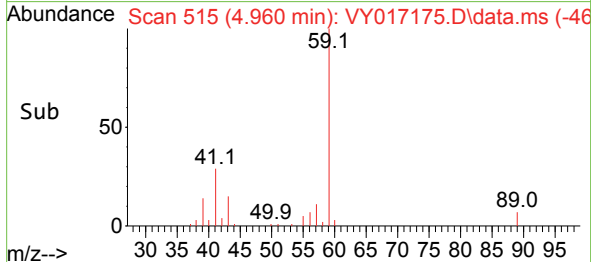
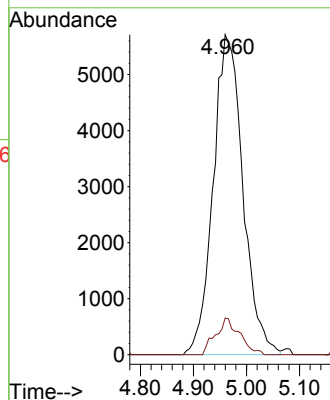
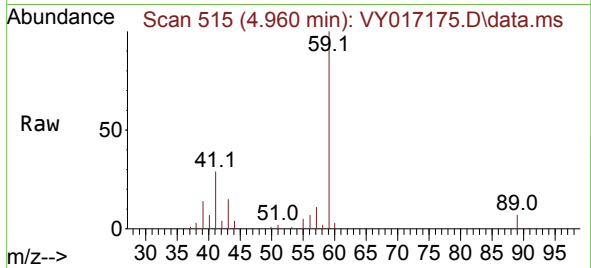




#11
Tert butyl alcohol
Concen: 235.842 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

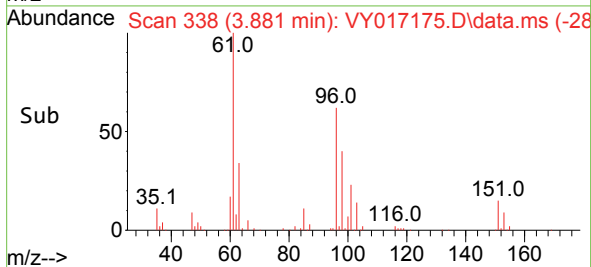
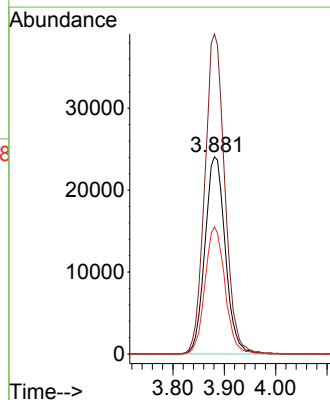
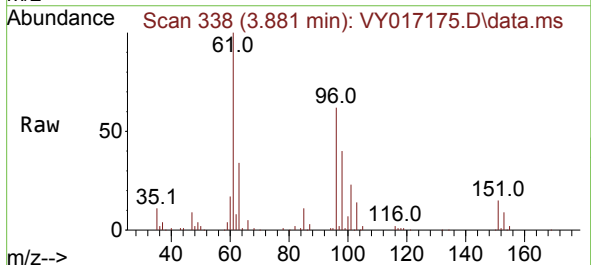
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

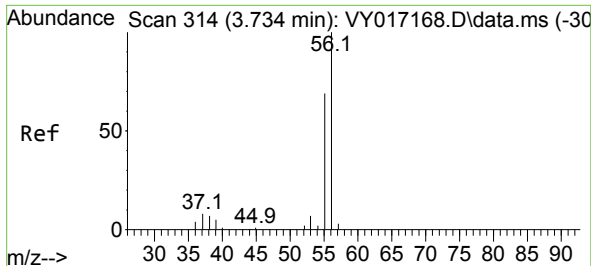
Tgt Ion: 59 Resp: 22237
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 54.694 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 96 Resp: 66219
Ion Ratio Lower Upper
96 100
61 162.4 124.2 186.2
98 64.6 52.6 79.0





#13

Acrolein

Concen: 222.926 ug/l

RT: 3.734 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

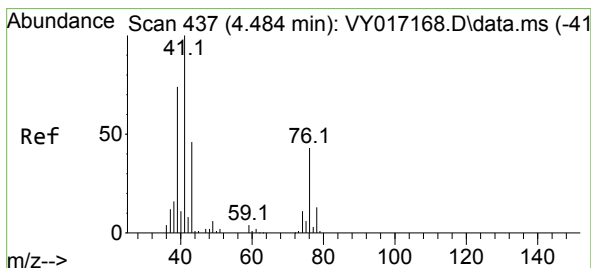
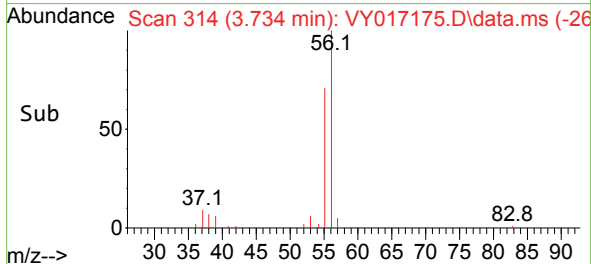
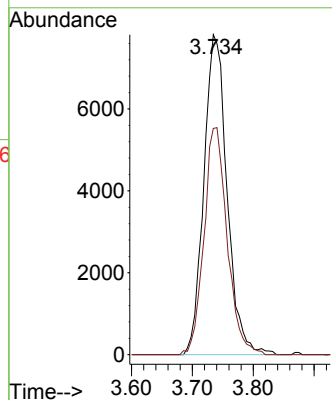
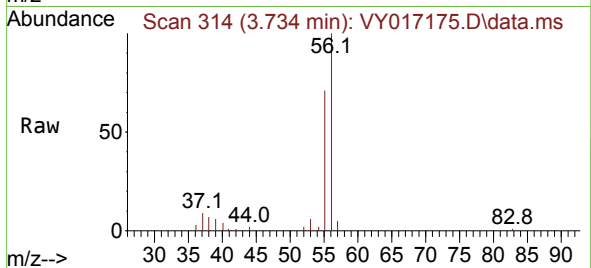
VSTDCCC050

Tgt Ion: 56 Resp: 20728

Ion Ratio Lower Upper

56 100

55 70.8 55.4 83.0



#14

Allyl chloride

Concen: 56.583 ug/l

RT: 4.490 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

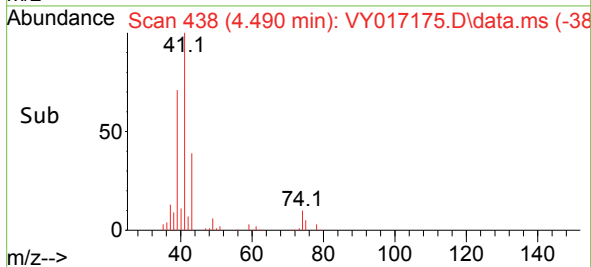
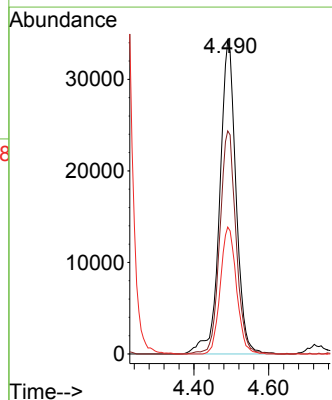
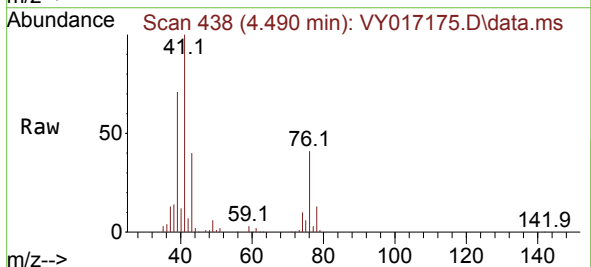
Tgt Ion: 41 Resp: 103565

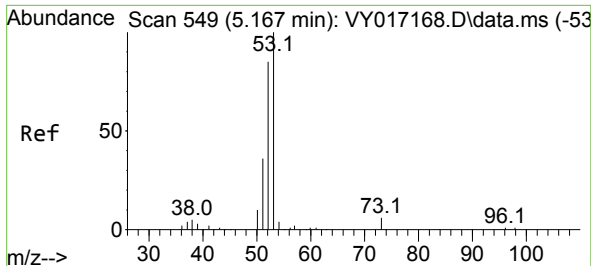
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

76 40.0 31.8 47.6





#15

Acrylonitrile

Concen: 262.537 ug/l

RT: 5.179 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

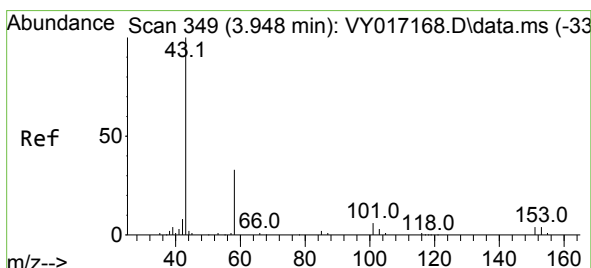
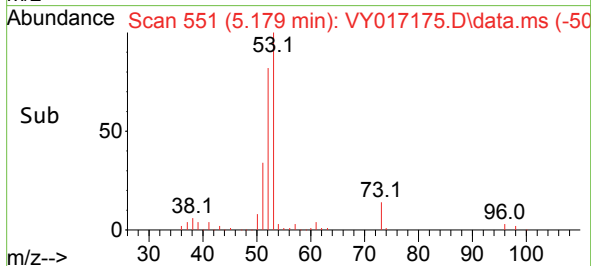
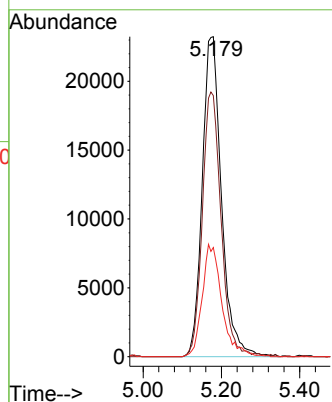
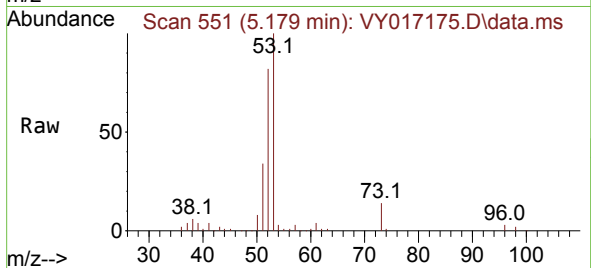
Tgt Ion: 53 Resp: 79253

Ion Ratio Lower Upper

53 100

52 80.2 65.1 97.7

51 36.0 29.0 43.4



#16

Acetone

Concen: 298.036 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY017175.D

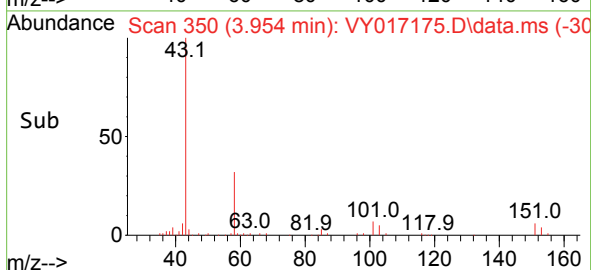
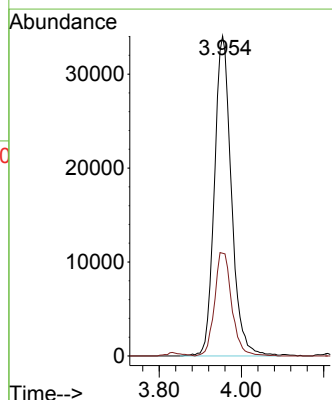
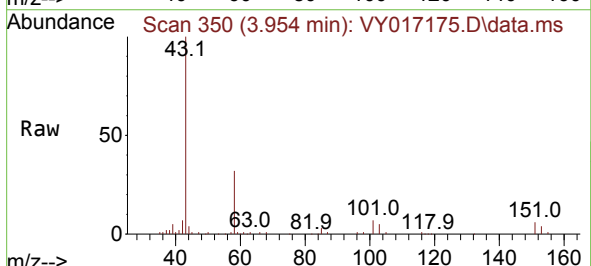
Acq: 02 Feb 2024 09:39

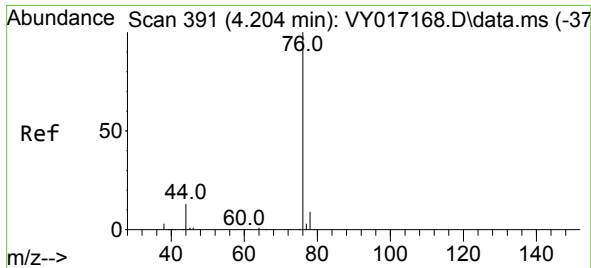
Tgt Ion: 43 Resp: 97742

Ion Ratio Lower Upper

43 100

58 32.1 26.6 39.8

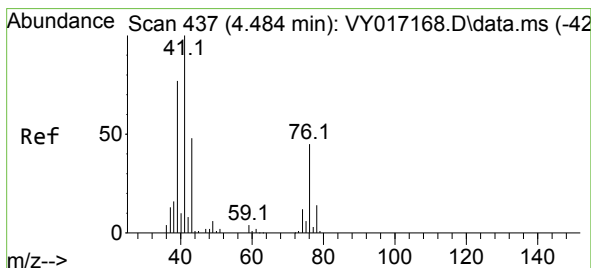
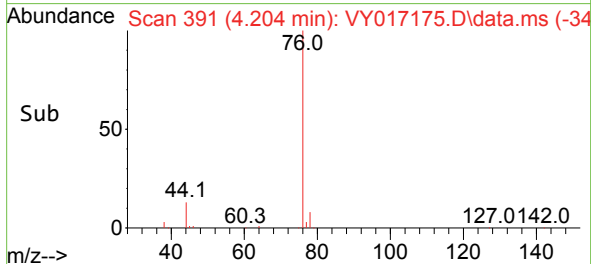
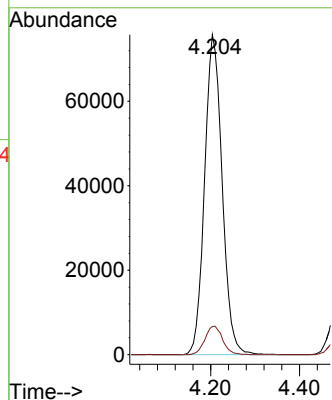
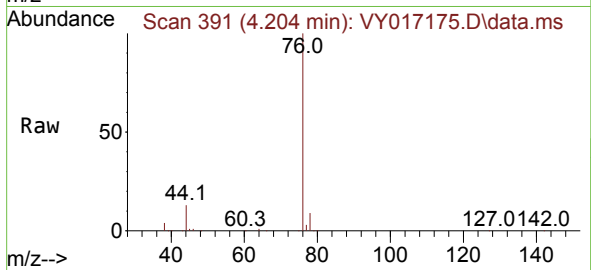




#17
Carbon Disulfide
Concen: 53.889 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

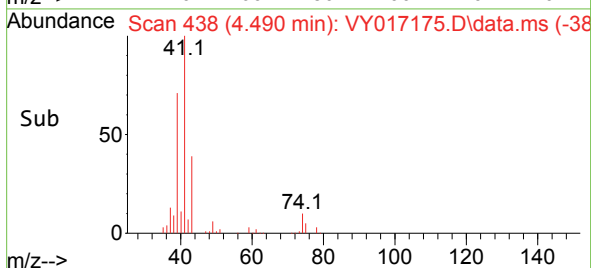
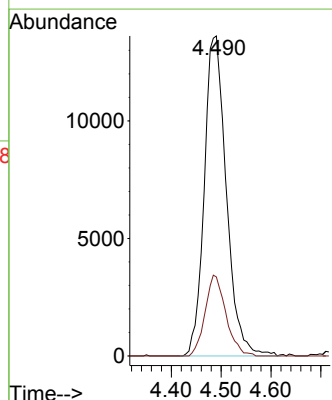
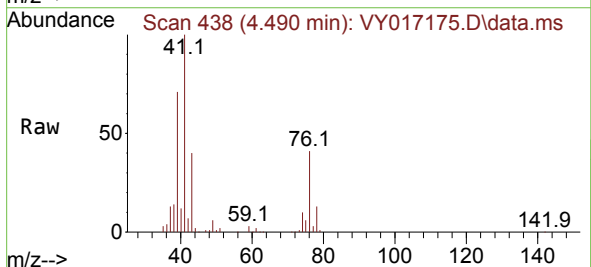
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

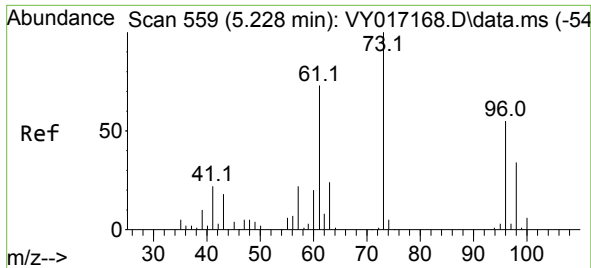
Tgt Ion: 76 Resp: 208270
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 57.246 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 43 Resp: 41882
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

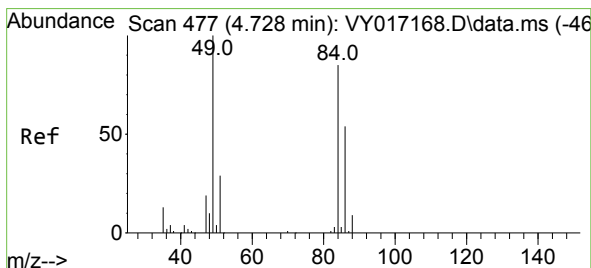
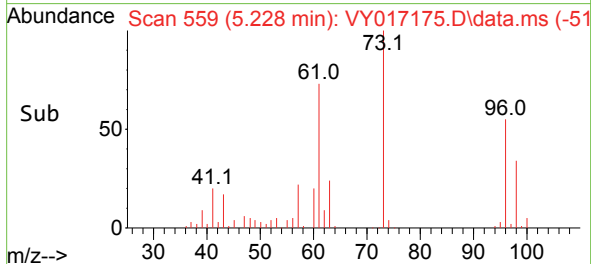
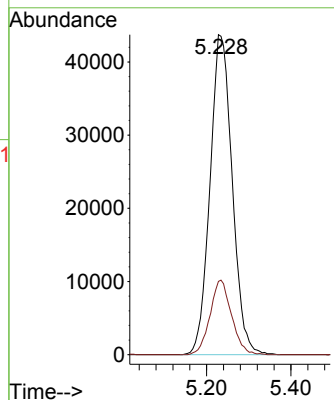
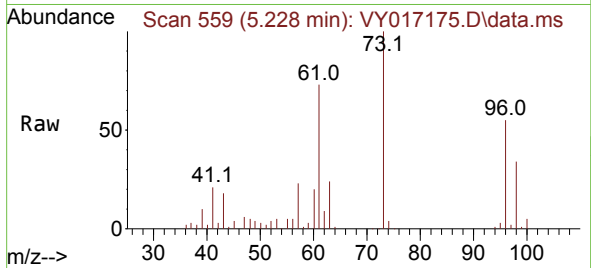




#19
Methyl tert-butyl Ether
Concen: 54.855 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

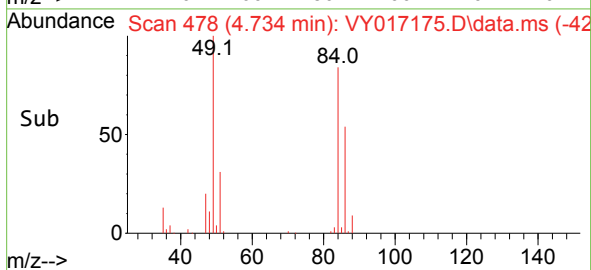
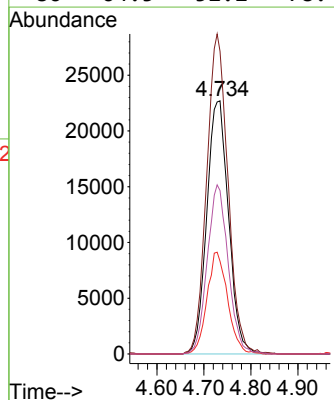
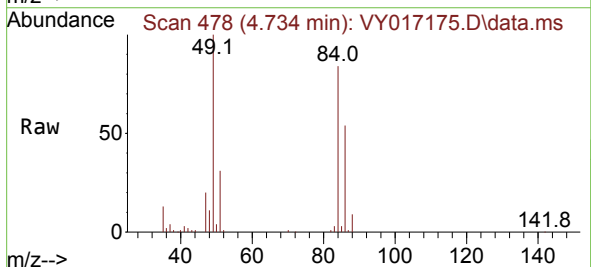
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

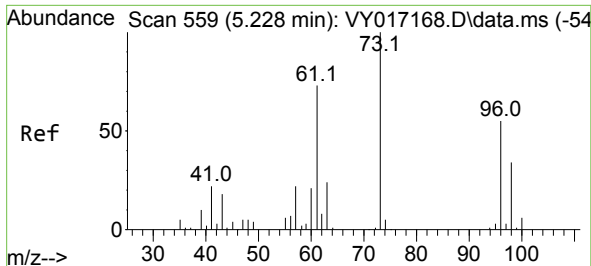
Tgt Ion: 73 Resp: 159950
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 54.654 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 84 Resp: 72972
Ion Ratio Lower Upper
84 100
49 119.5 95.2 142.8
51 36.6 29.9 44.9
86 64.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 56.034 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

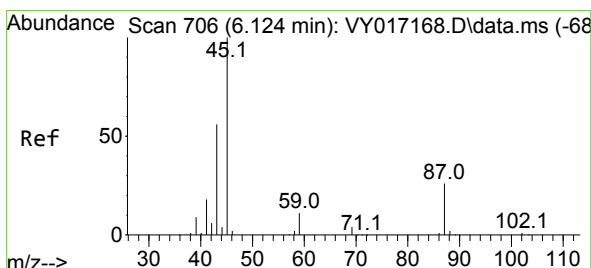
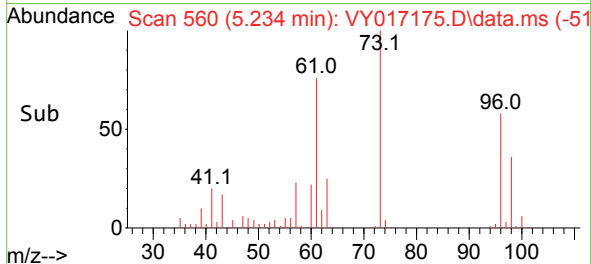
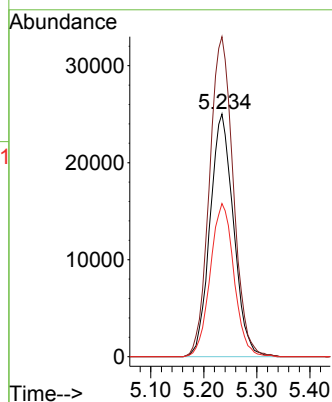
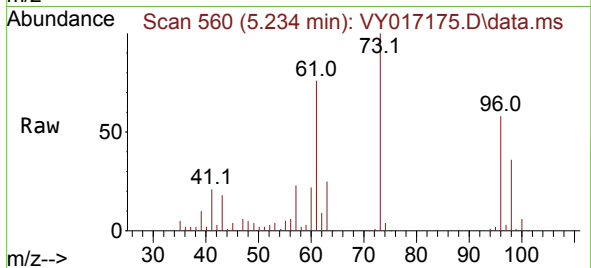
Tgt Ion: 96 Resp: 77176

Ion Ratio Lower Upper

96 100

61 131.8 104.6 156.8

98 63.1 50.9 76.3



#22

Diisopropyl ether

Concen: 56.895 ug/l

RT: 6.136 min Scan# 708

Delta R.T. 0.012 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Tgt Ion: 45 Resp: 228686

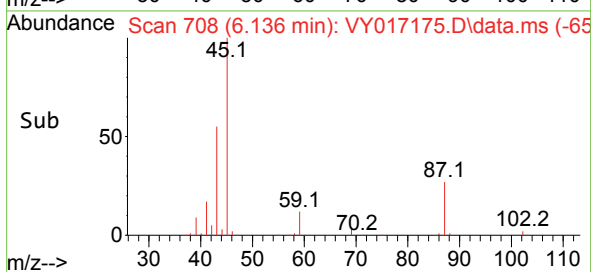
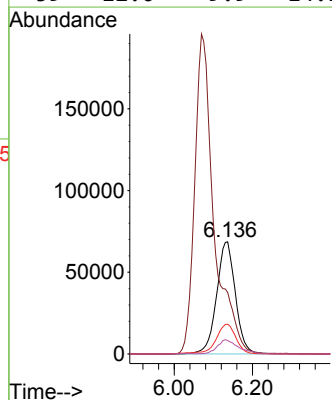
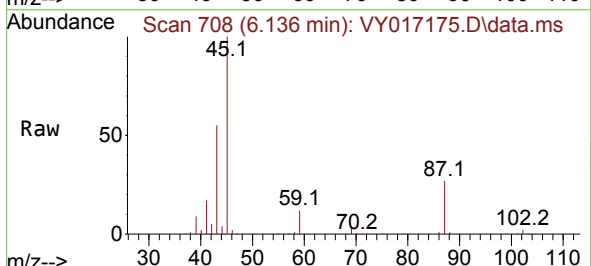
Ion Ratio Lower Upper

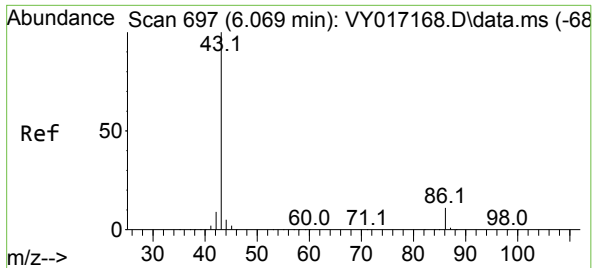
45 100

43 54.2 46.8 70.2

87 26.6 22.2 33.2

59 12.0 9.9 14.9

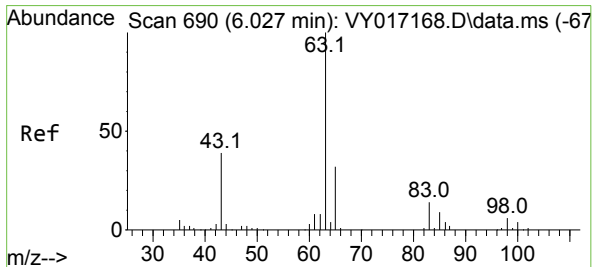
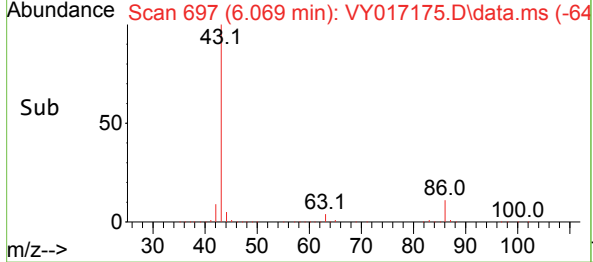
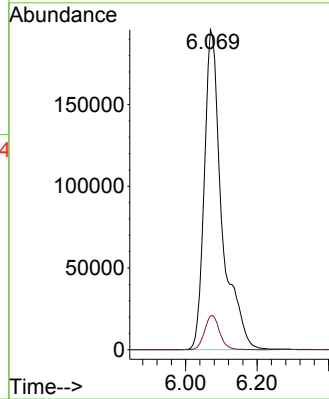
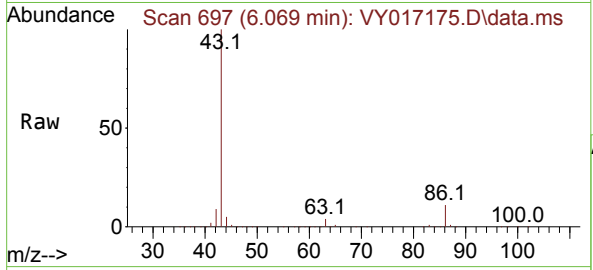




#23
 Vinyl Acetate
 Concen: 274.843 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

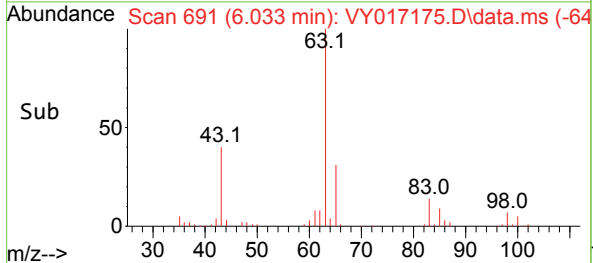
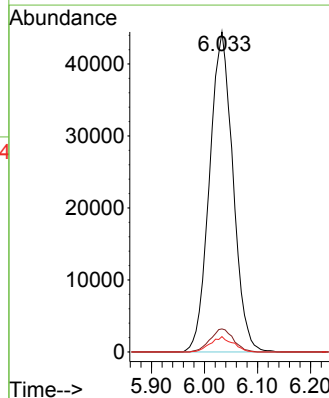
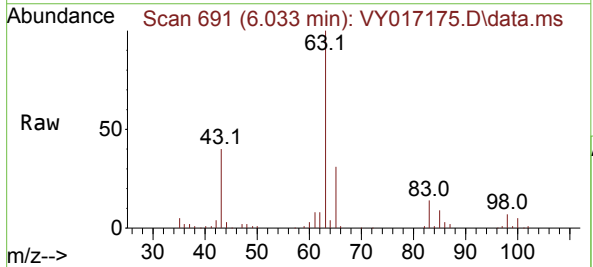
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 669371
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 55.385 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

Tgt Ion: 63 Resp: 136375
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 286.572 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

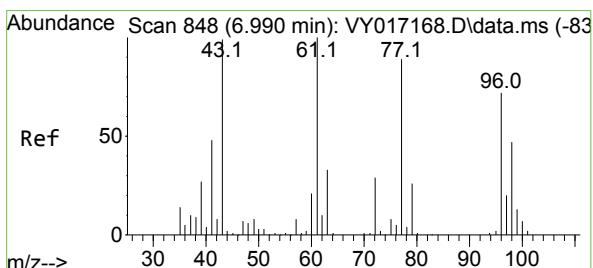
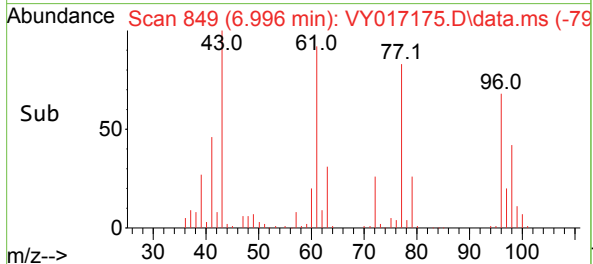
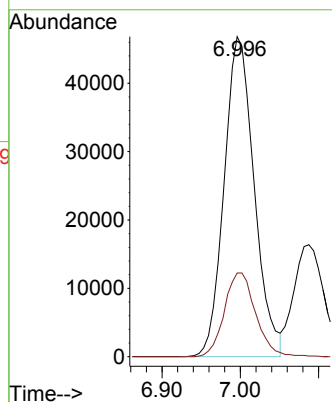
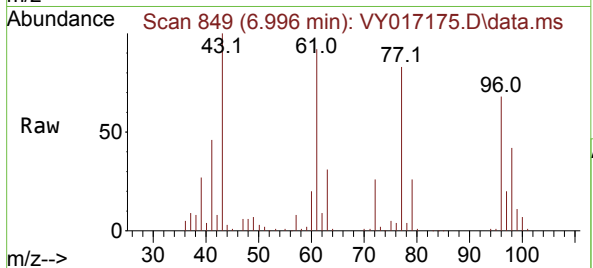
VSTDCCC050

Tgt Ion: 43 Resp: 124938

Ion Ratio Lower Upper

43 100

72 26.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 56.689 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017175.D

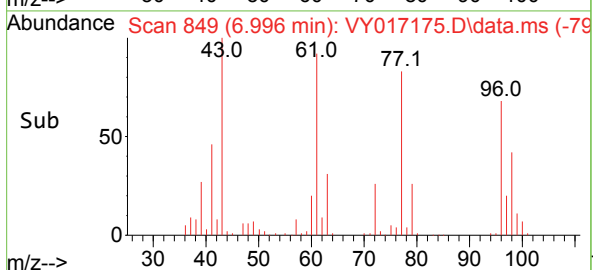
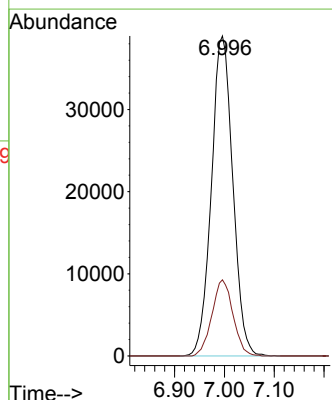
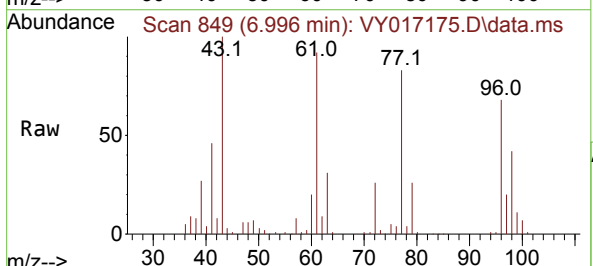
Acq: 02 Feb 2024 09:39

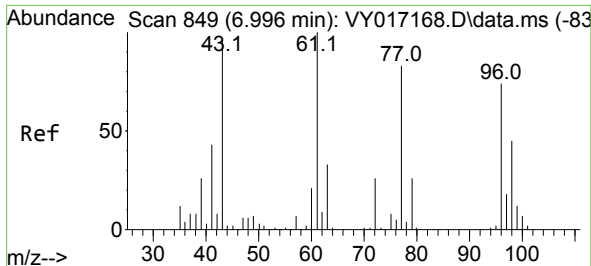
Tgt Ion: 77 Resp: 116104

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.867 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

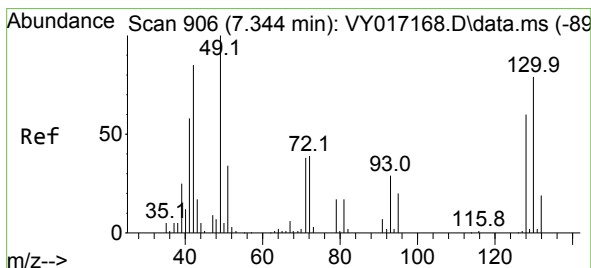
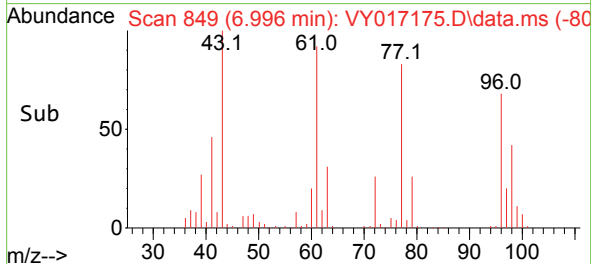
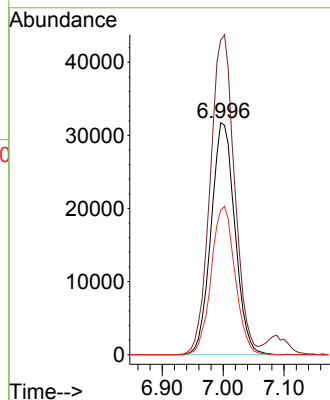
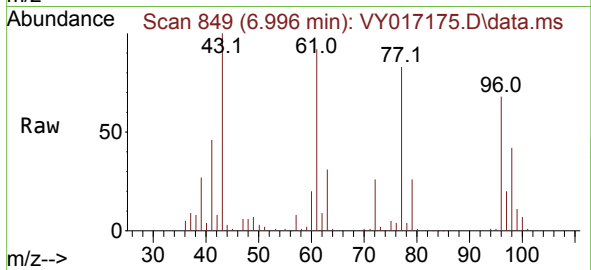
Tgt Ion: 96 Resp: 86061

Ion Ratio Lower Upper

96 100

61 141.1 0.0 278.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 54.666 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

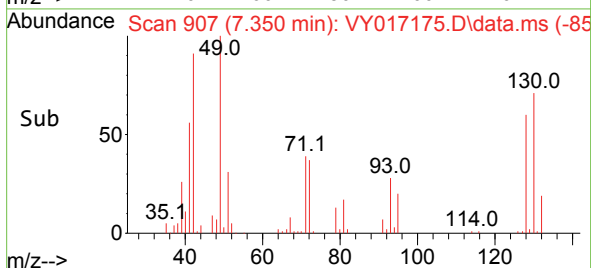
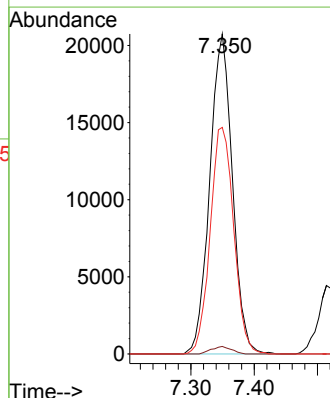
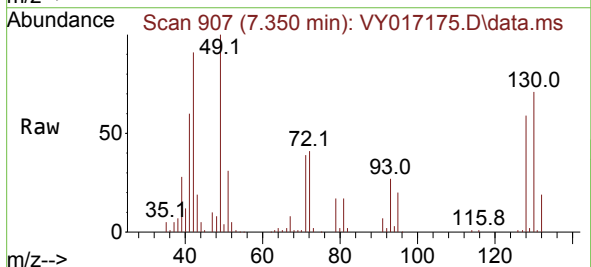
Tgt Ion: 49 Resp: 51539

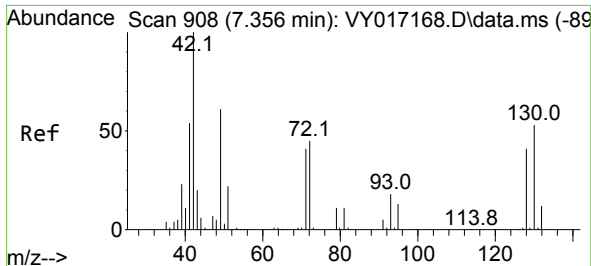
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 73.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 263.810 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

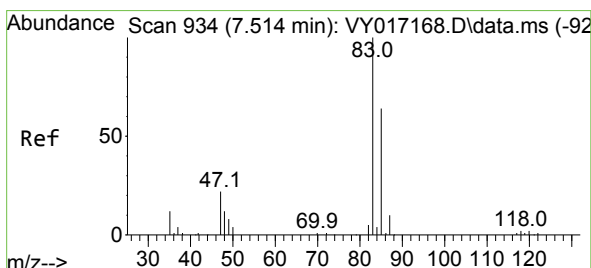
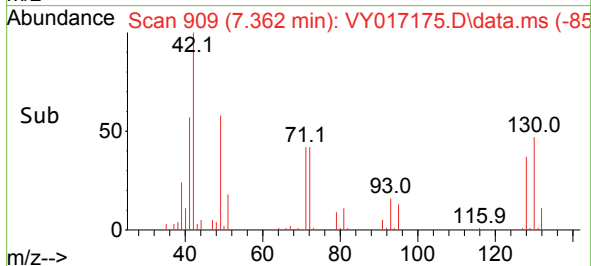
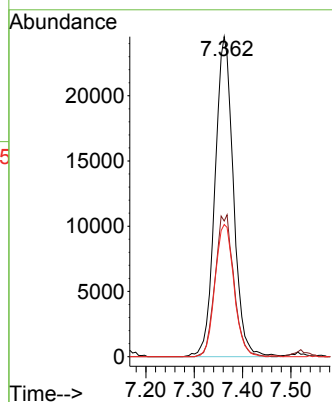
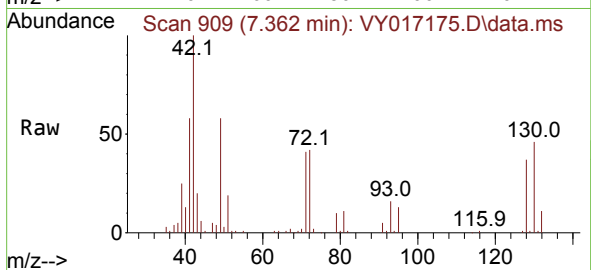
Tgt Ion: 42 Resp: 64971

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 42.6 33.8 50.6



#30

Chloroform

Concen: 55.175 ug/l

RT: 7.520 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017175.D

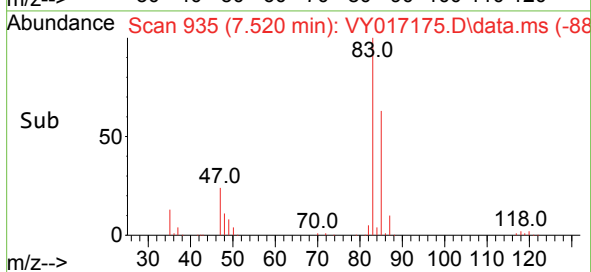
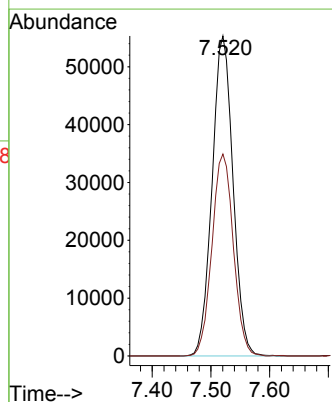
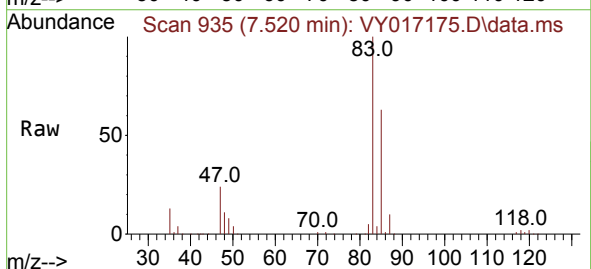
Acq: 02 Feb 2024 09:39

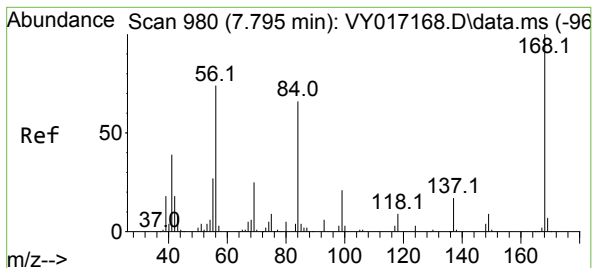
Tgt Ion: 83 Resp: 136669

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8





#31

Cyclohexane

Concen: 53.656 ug/l

RT: 7.801 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

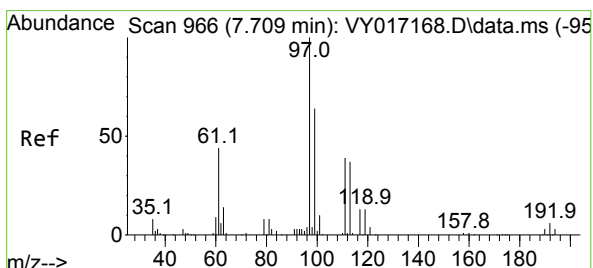
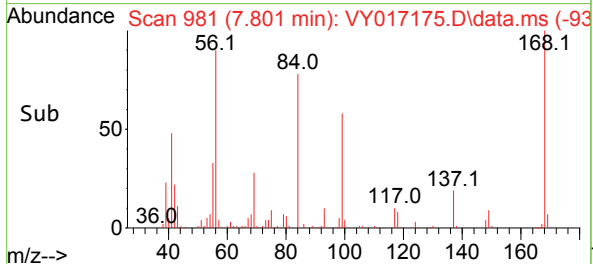
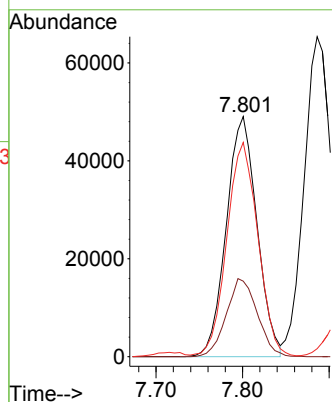
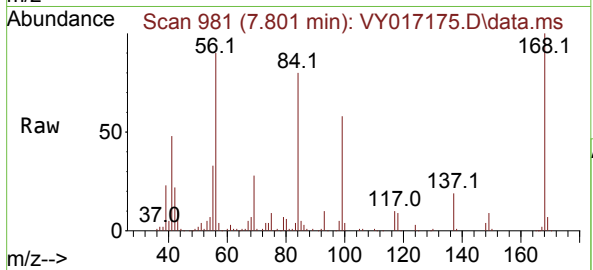
Tgt Ion: 56 Resp: 120676

Ion Ratio Lower Upper

56 100

69 31.5 27.0 40.6

84 87.5 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 56.379 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

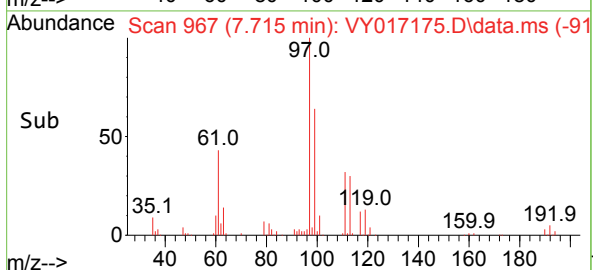
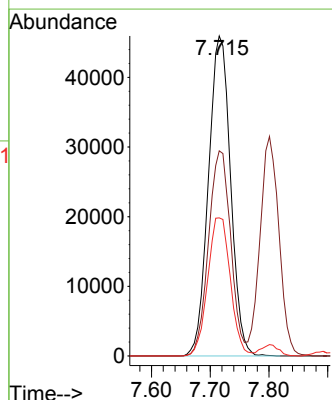
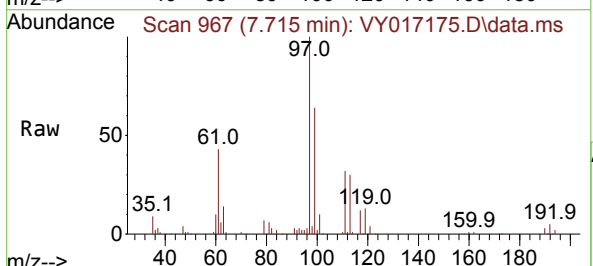
Tgt Ion: 97 Resp: 120121

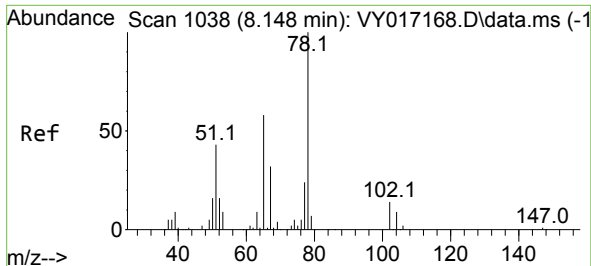
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 44.2 35.0 52.6

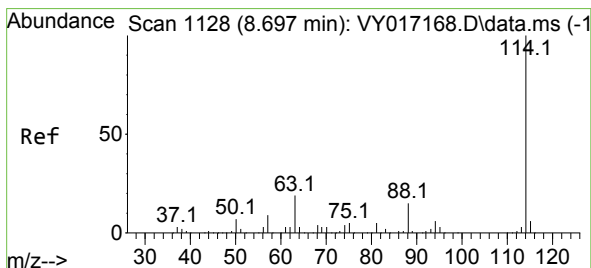
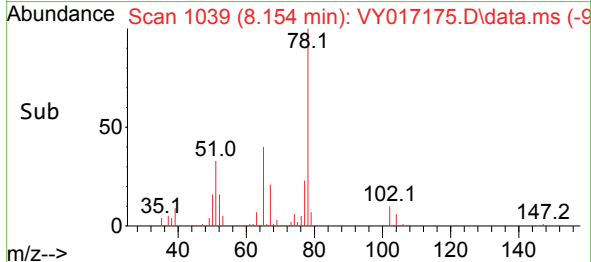
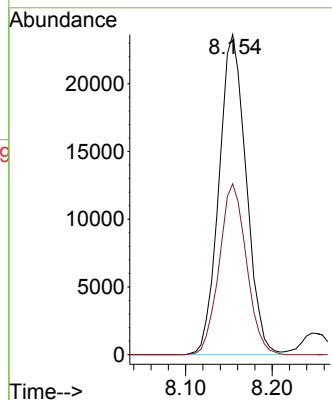
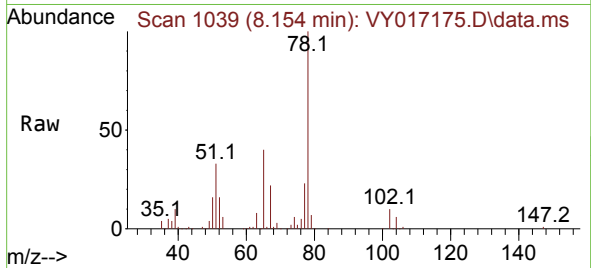




#33
1,2-Dichloroethane-d4
Concen: 46.144 ug/l
RT: 8.154 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

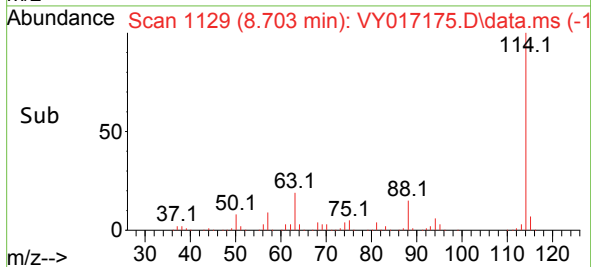
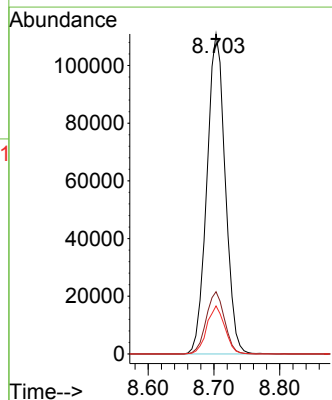
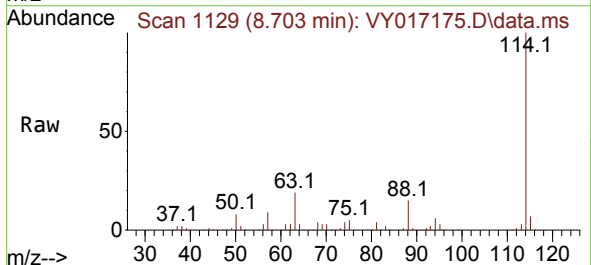
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 51488
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion:114 Resp: 215427
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.0 0.0 29.0

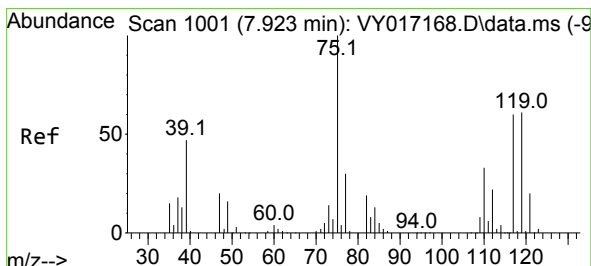
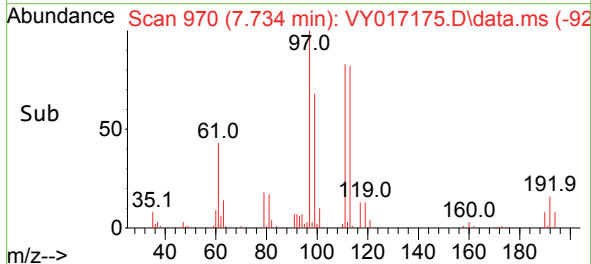
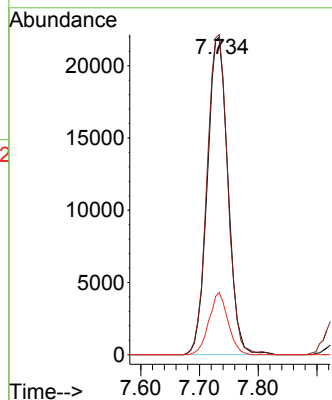
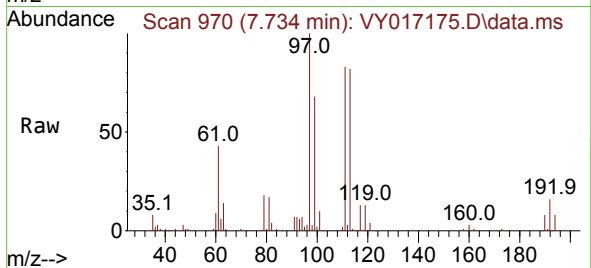




#35
Dibromofluoromethane
Concen: 46.005 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

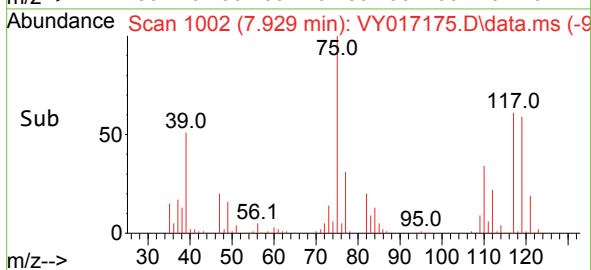
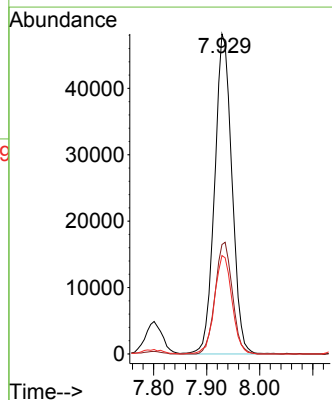
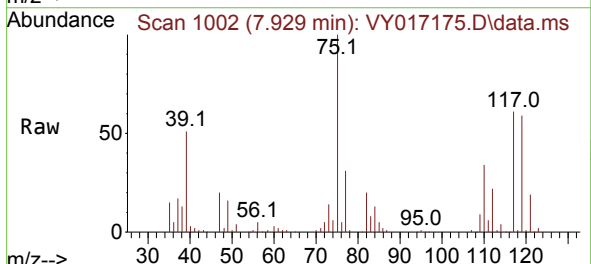
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

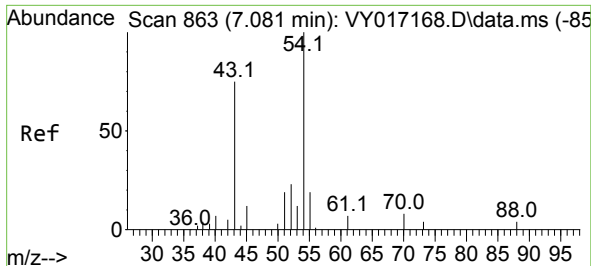
Tgt Ion:113 Resp: 53512
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.462 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 75 Resp: 109273
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 48.686 ug/l

RT: 7.087 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

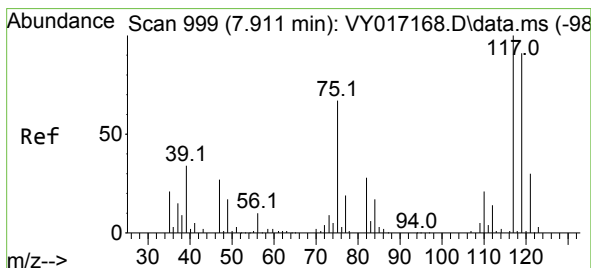
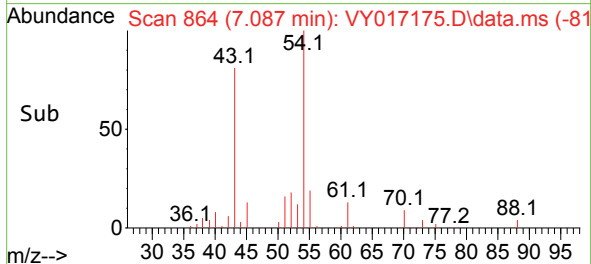
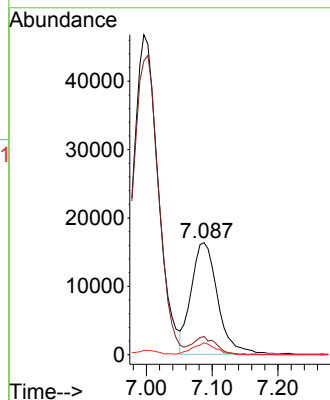
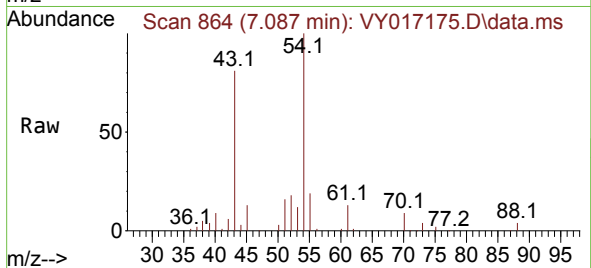
Tgt Ion: 43 Resp: 45306

Ion Ratio Lower Upper

43 100

61 14.6 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 55.212 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

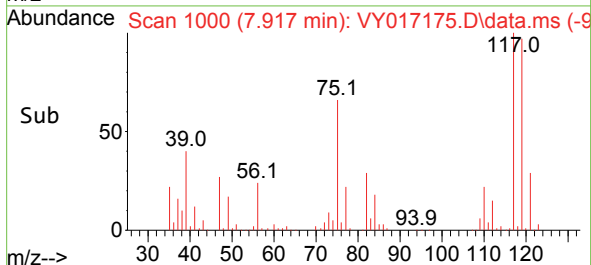
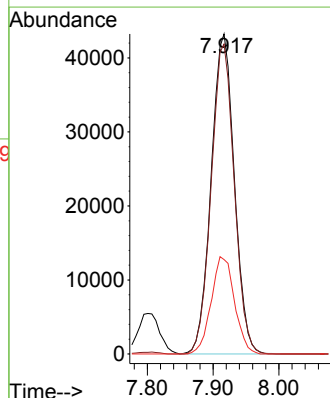
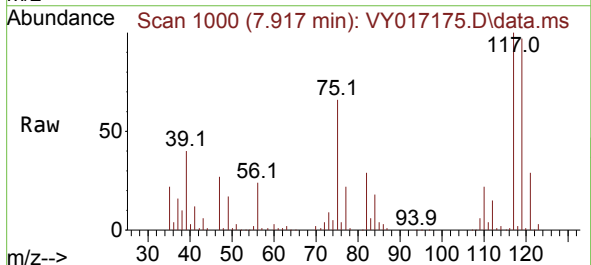
Tgt Ion: 117 Resp: 106065

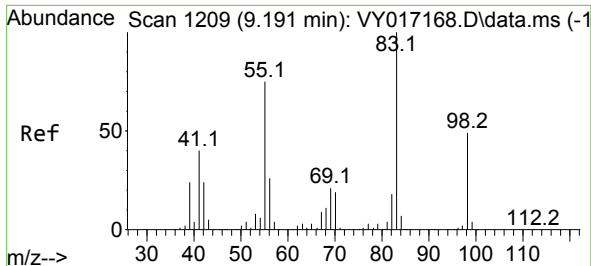
Ion Ratio Lower Upper

117 100

119 96.9 76.0 114.0

121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 55.740 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

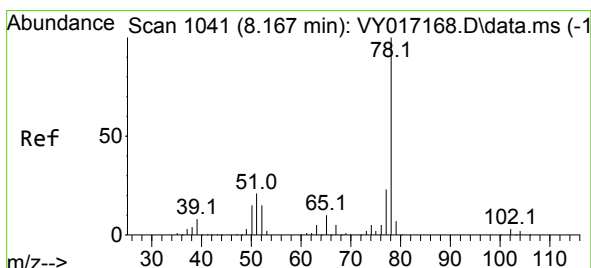
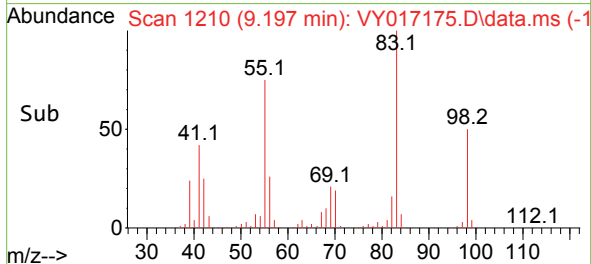
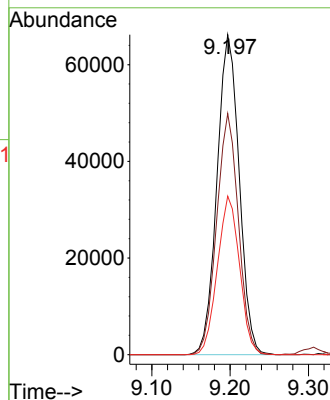
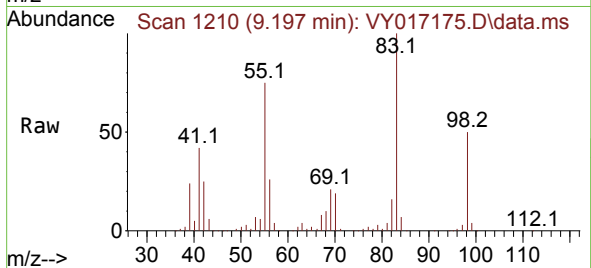
Tgt Ion: 83 Resp: 130654

Ion Ratio Lower Upper

83 100

55 75.4 59.7 89.5

98 49.5 38.0 57.0



#40

Benzene

Concen: 54.641 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017175.D

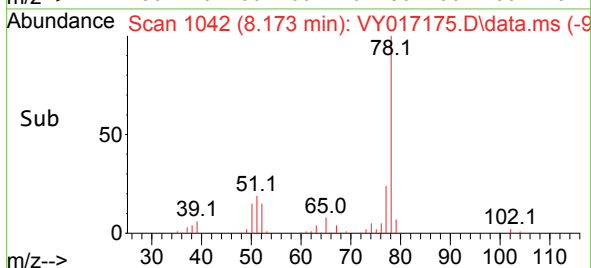
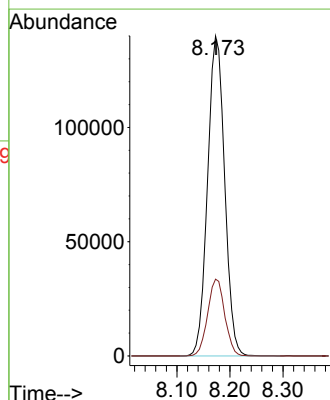
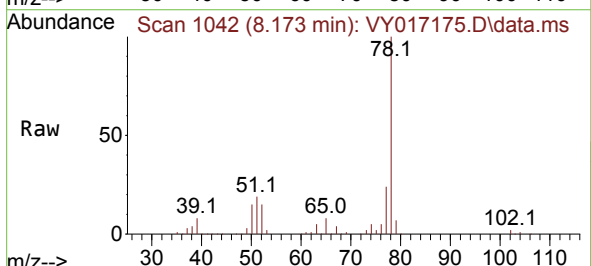
Acq: 02 Feb 2024 09:39

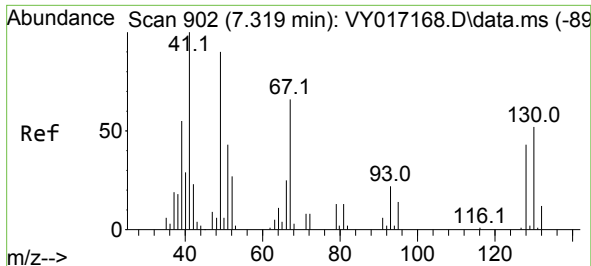
Tgt Ion: 78 Resp: 313075

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



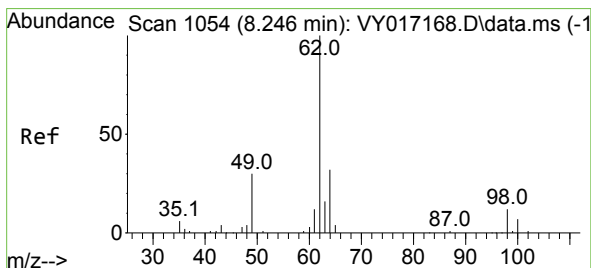
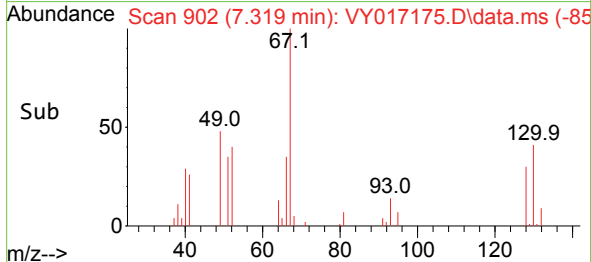
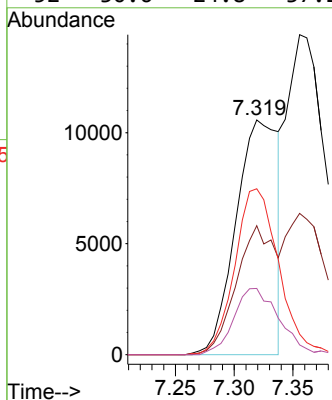
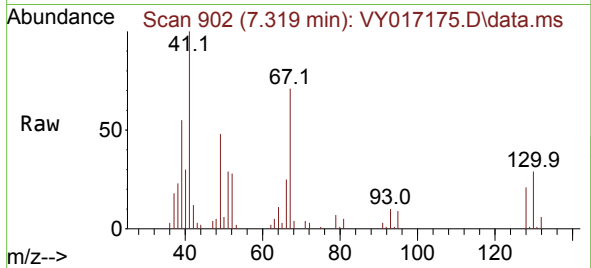


#41
Methacrylonitrile
Concen: 59.666 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 26307

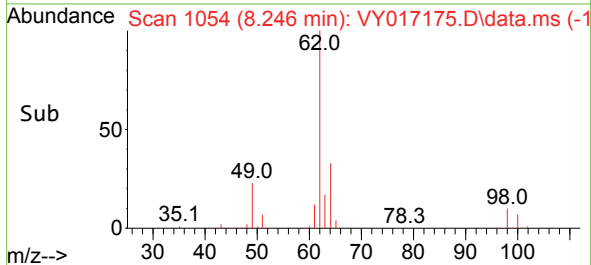
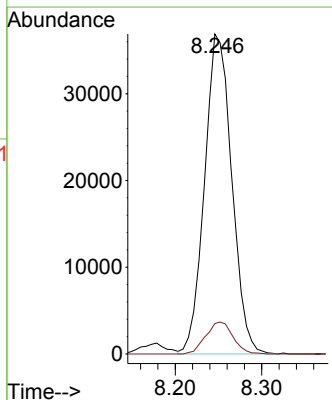
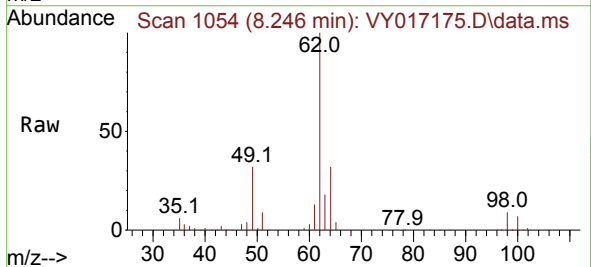
Ion	Ratio	Lower	Upper
41	100		
39	51.1	41.9	62.9
67	74.3	59.8	89.6
52	30.6	24.8	37.2

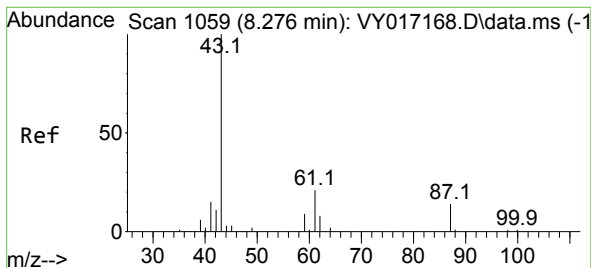


#42
1,2-Dichloroethane
Concen: 53.111 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 62 Resp: 80570

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.516 ug/l

RT: 8.282 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

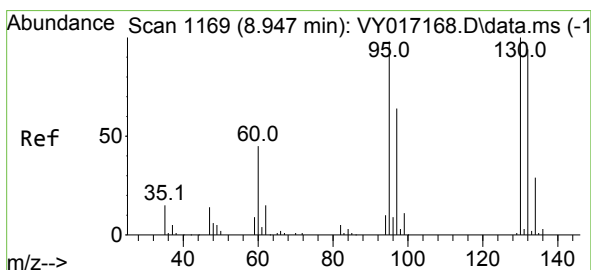
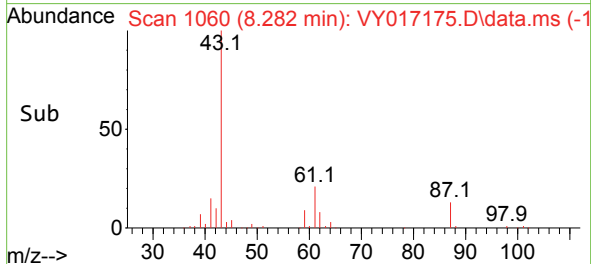
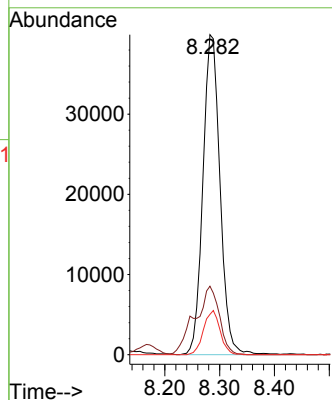
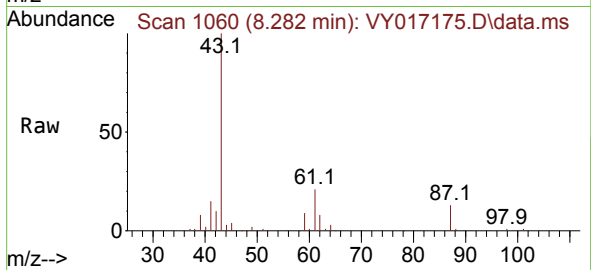
Tgt Ion: 43 Resp: 86511

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

87 13.3 10.7 16.1



#44

Trichloroethene

Concen: 55.613 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017175.D

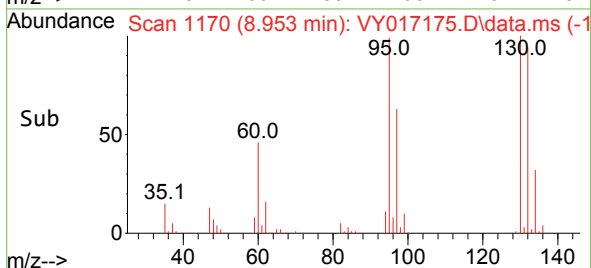
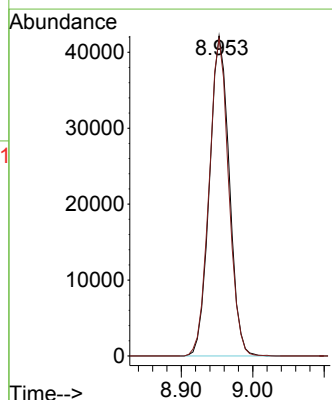
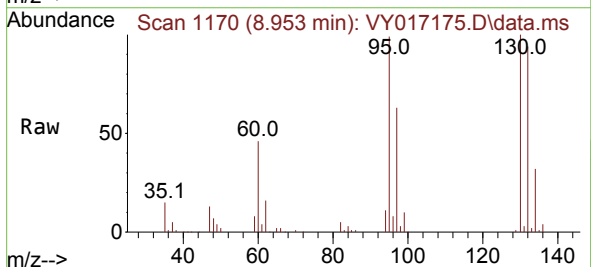
Acq: 02 Feb 2024 09:39

Tgt Ion: 130 Resp: 80885

Ion Ratio Lower Upper

130 100

95 99.1 0.0 203.8

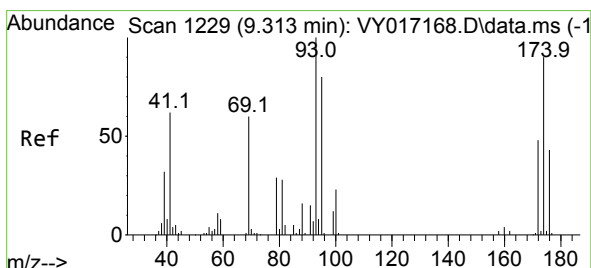
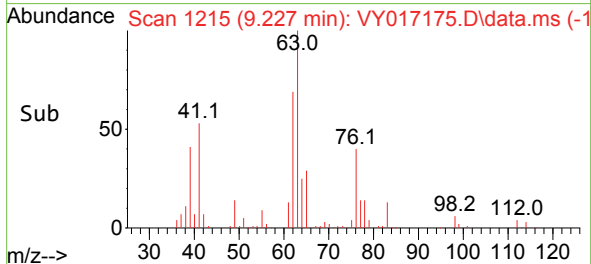
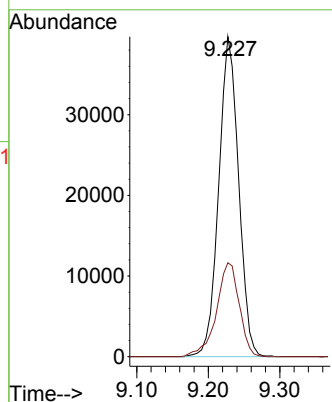
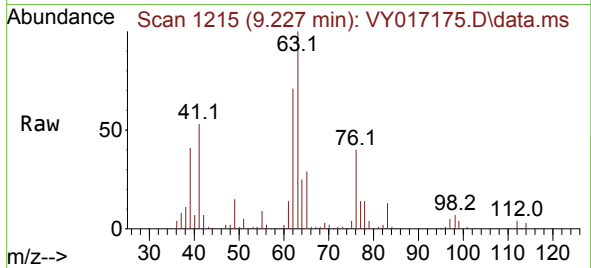




#45
1,2-Dichloropropane
Concen: 54.444 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

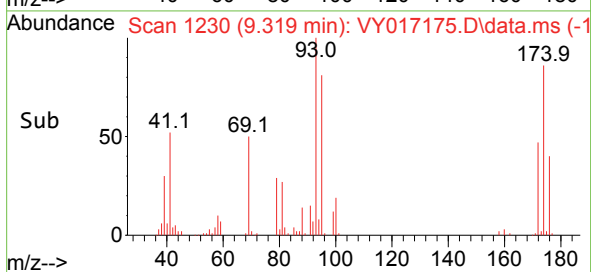
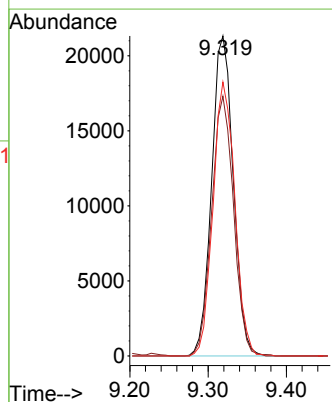
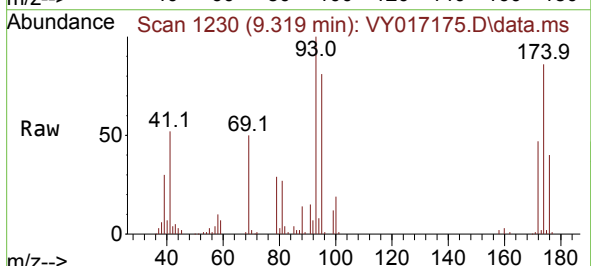
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

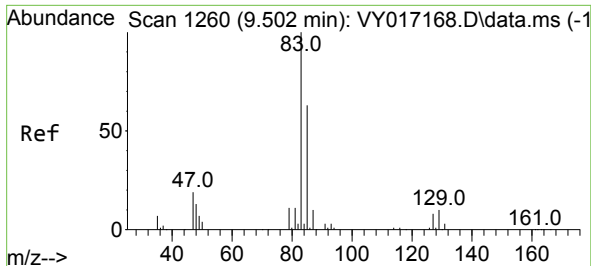
Tgt Ion: 63 Resp: 76622
Ion Ratio Lower Upper
63 100
65 29.3 24.6 36.8



#46
Dibromomethane
Concen: 53.985 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 93 Resp: 41041
Ion Ratio Lower Upper
93 100
95 82.1 66.6 99.8
174 86.2 73.8 110.6

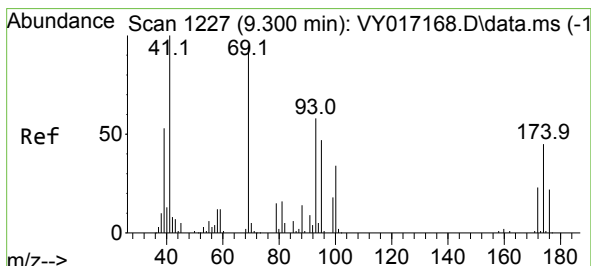
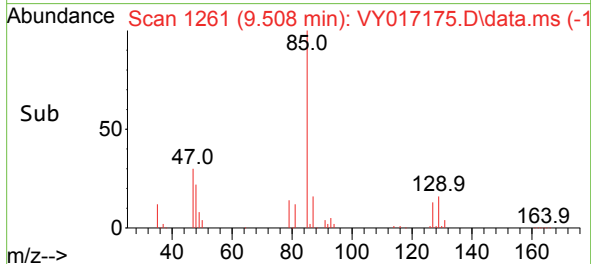
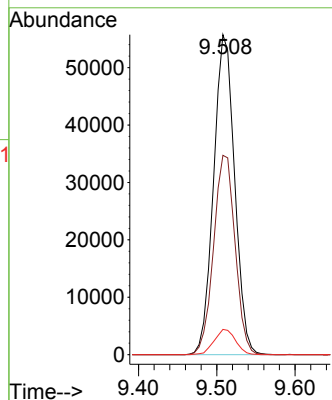
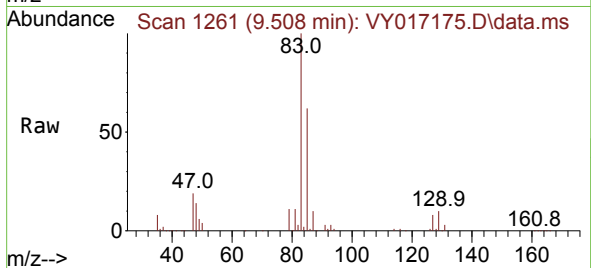




#47
Bromodichloromethane
Concen: 54.730 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

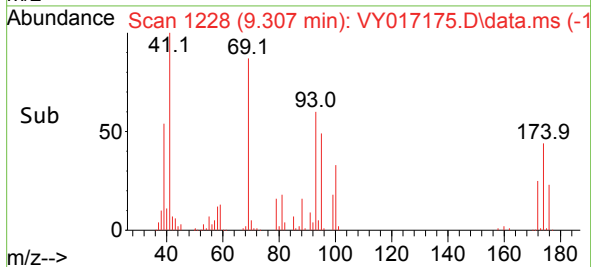
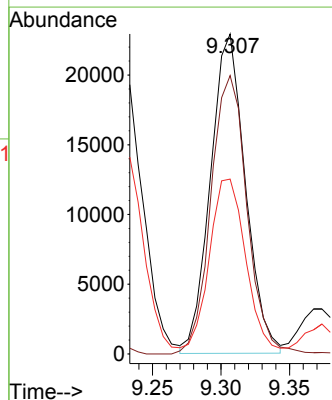
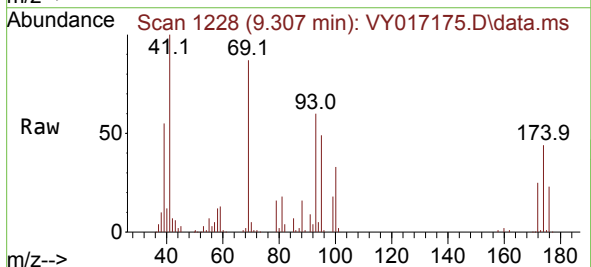
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

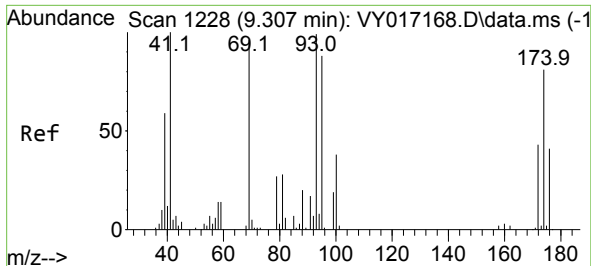
Tgt Ion: 83 Resp: 104127
Ion Ratio Lower Upper
83 100
85 62.3 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 52.573 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 41 Resp: 40622
Ion Ratio Lower Upper
41 100
69 90.4 72.1 108.1
39 54.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1022.279 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

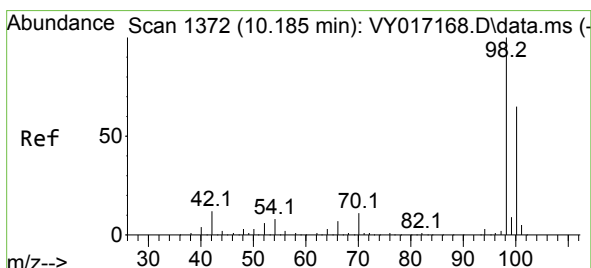
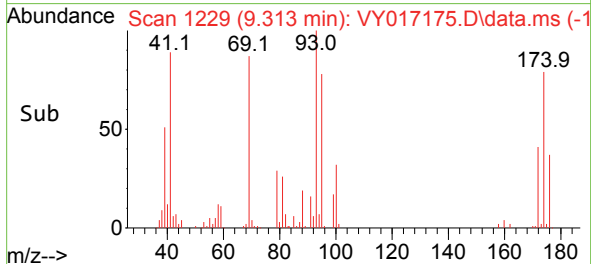
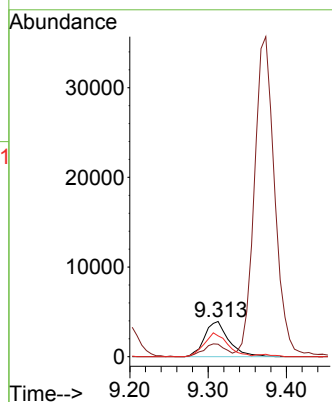
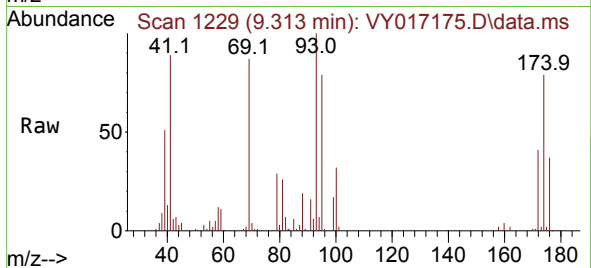
Tgt Ion: 88 Resp: 8459

Ion Ratio Lower Upper

88 100

43 33.3 28.2 42.4

58 65.2 52.2 78.2



#50

Toluene-d8

Concen: 46.832 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017175.D

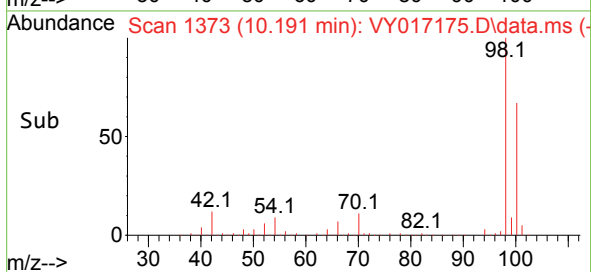
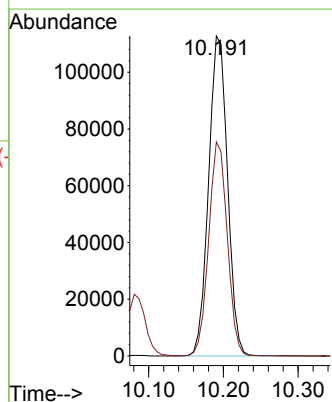
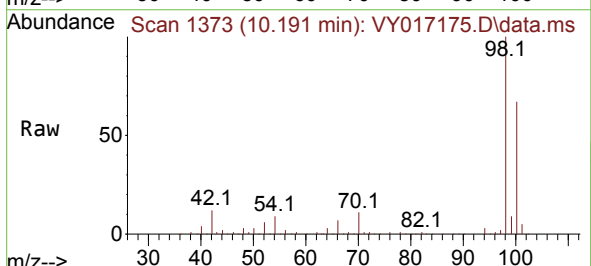
Acq: 02 Feb 2024 09:39

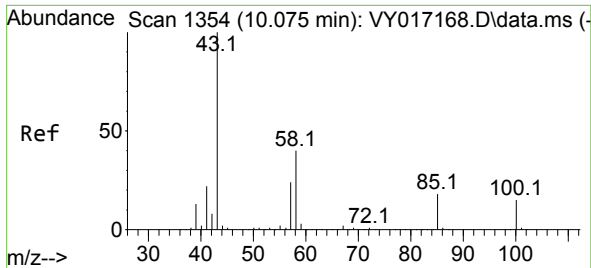
Tgt Ion: 98 Resp: 198335

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

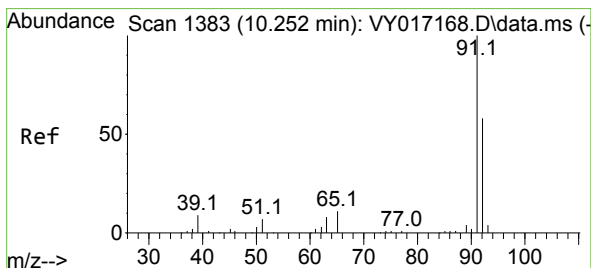
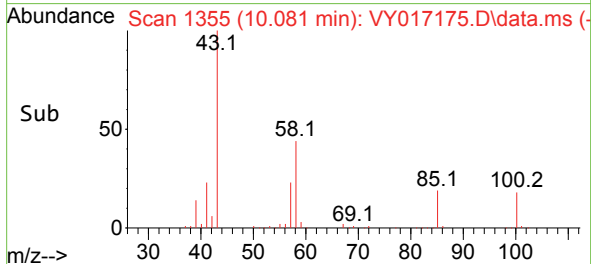
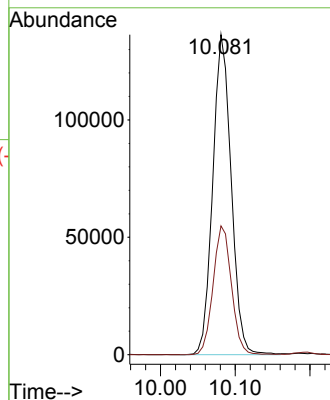
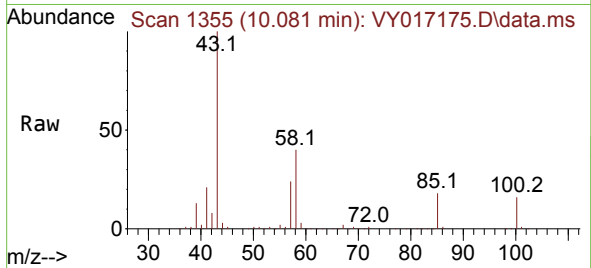




#51
4-Methyl-2-Pentanone
Concen: 264.710 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

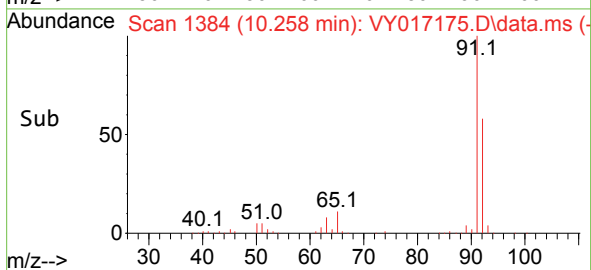
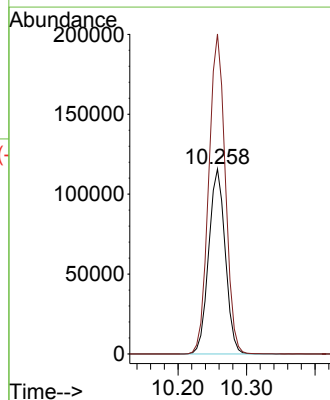
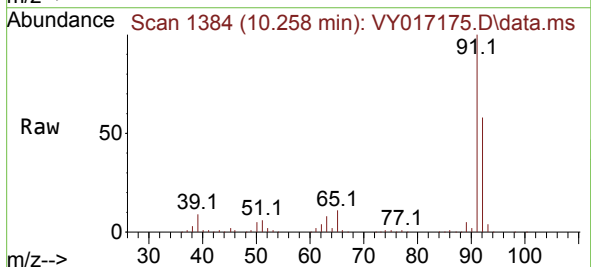
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

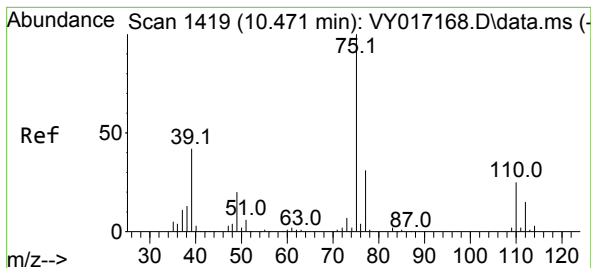
Tgt Ion: 43 Resp: 233751
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 56.214 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 92 Resp: 194414
Ion Ratio Lower Upper
92 100
91 172.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 55.556 ug/l

RT: 10.477 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

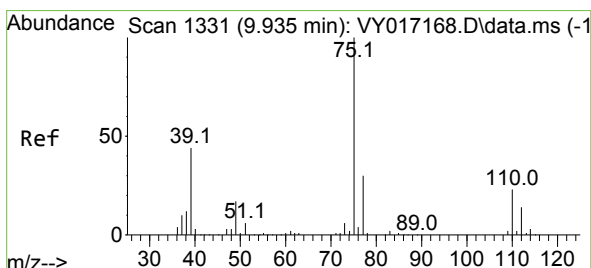
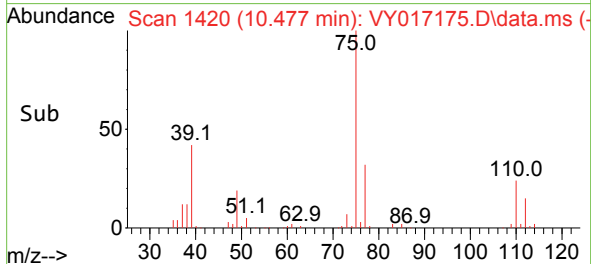
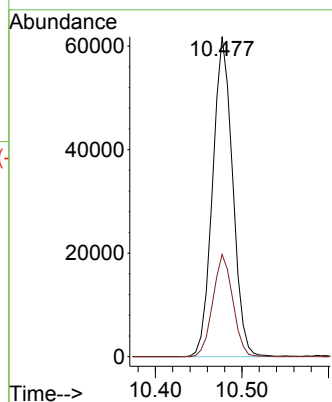
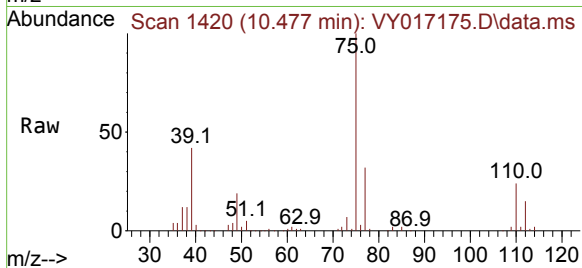
VSTDCCC050

Tgt Ion: 75 Resp: 99284

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 56.053 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

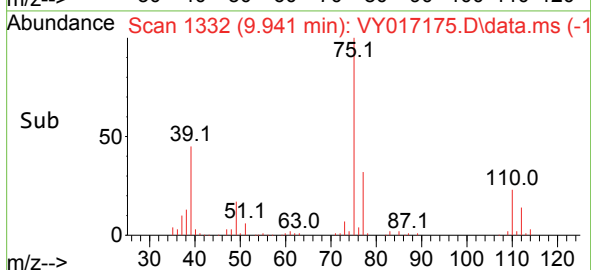
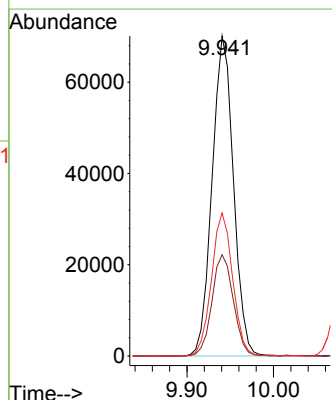
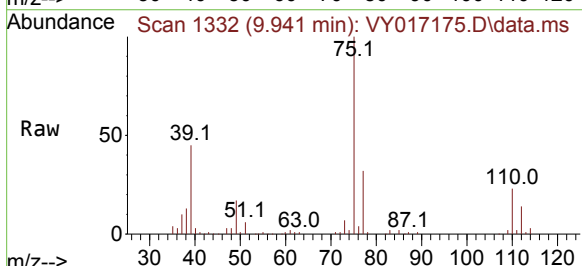
Tgt Ion: 75 Resp: 119984

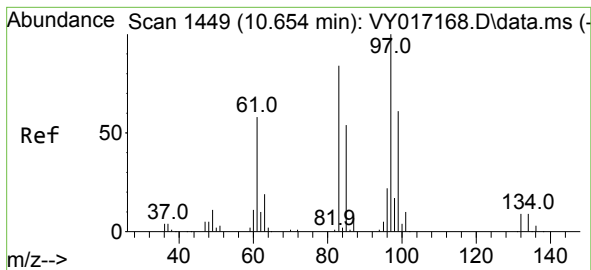
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 44.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 53.285 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 55114

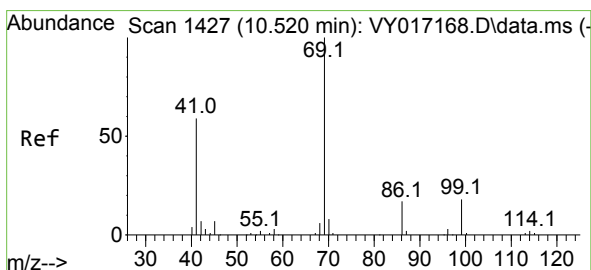
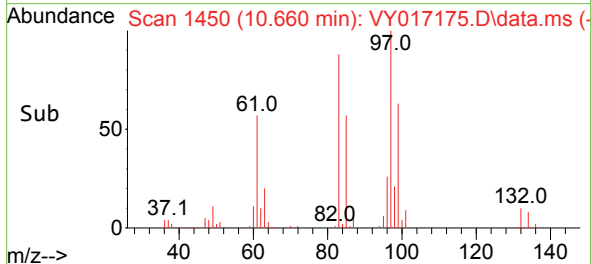
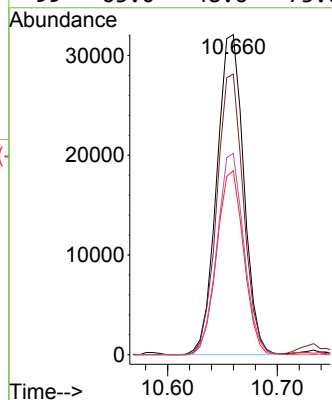
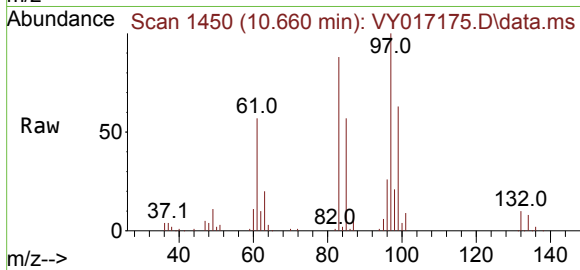
Ion Ratio Lower Upper

97 100

83 87.7 69.4 104.2

85 57.5 43.9 65.9

99 63.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 51.106 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

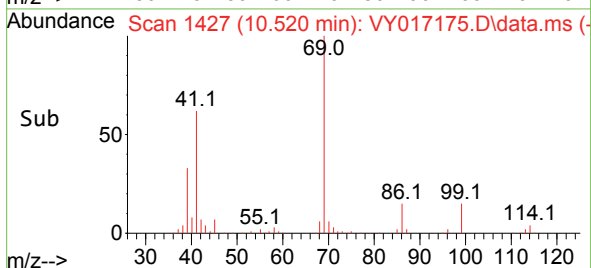
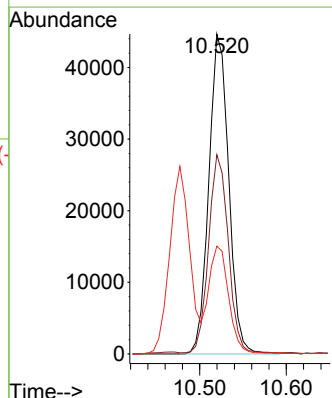
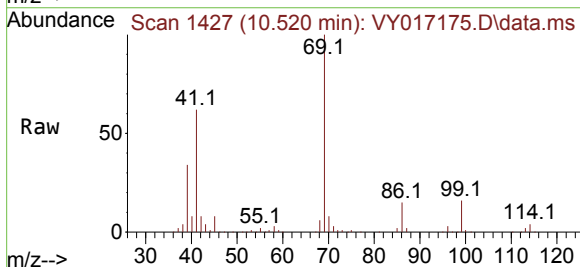
Tgt Ion: 69 Resp: 71220

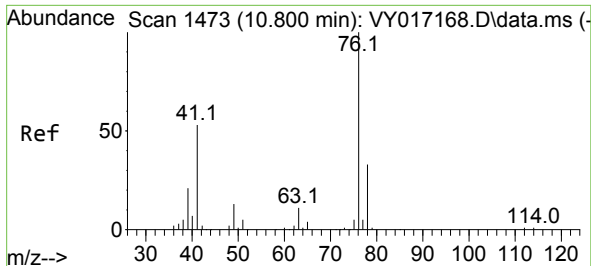
Ion Ratio Lower Upper

69 100

41 61.7 49.2 73.8

39 33.2 26.8 40.2





#57

1,3-Dichloropropane

Concen: 53.746 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

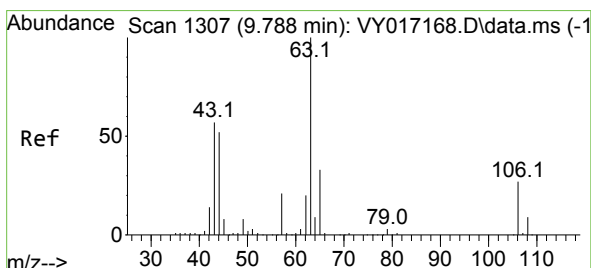
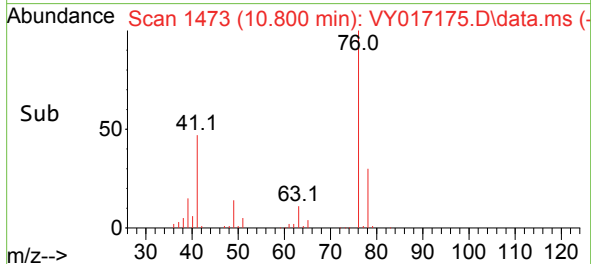
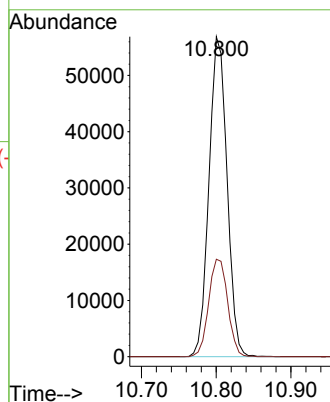
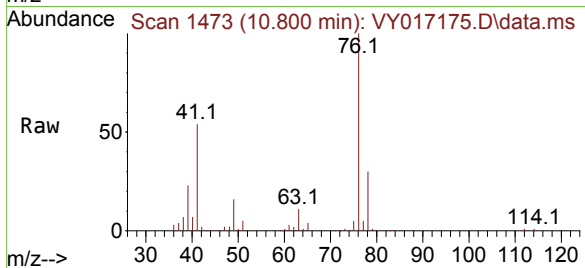
VSTDCCC050

Tgt Ion: 76 Resp: 95615

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 229.988 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017175.D

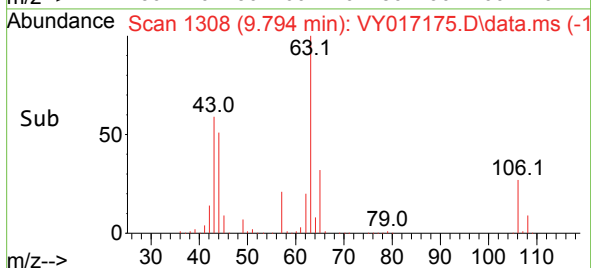
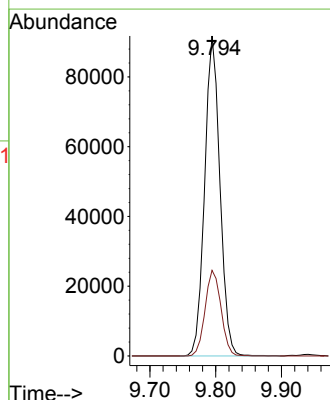
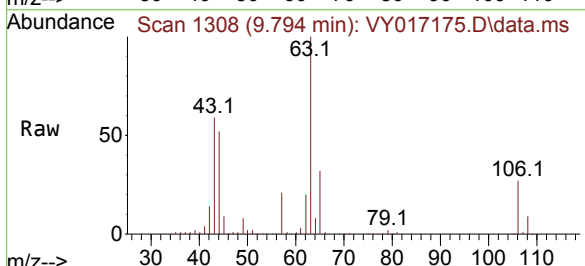
Acq: 02 Feb 2024 09:39

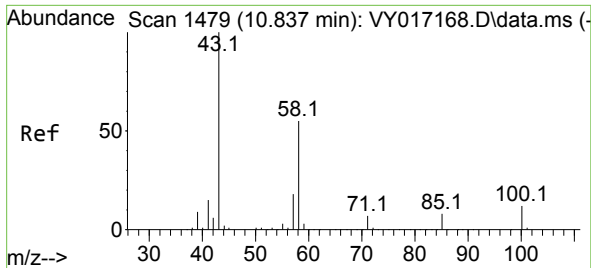
Tgt Ion: 63 Resp: 148198

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

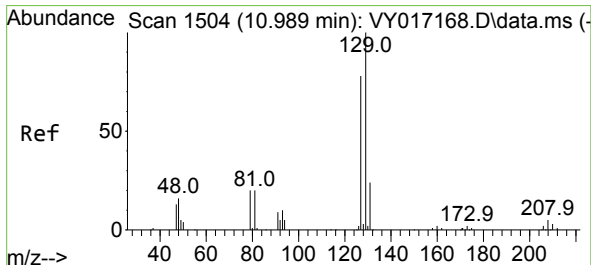
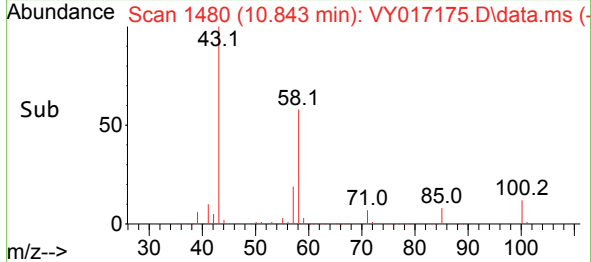
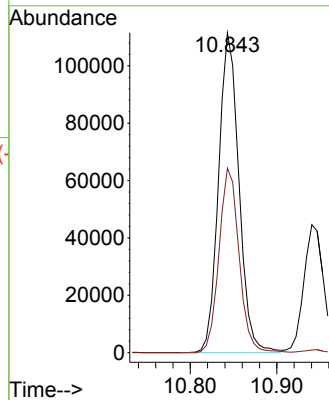
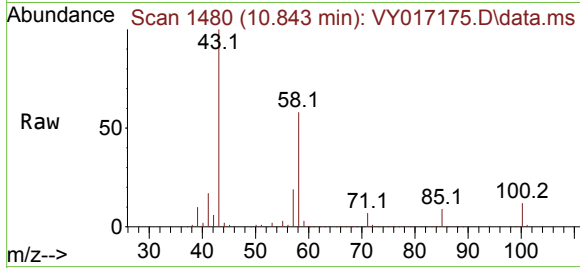




#59
2-Hexanone
Concen: 284.874 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

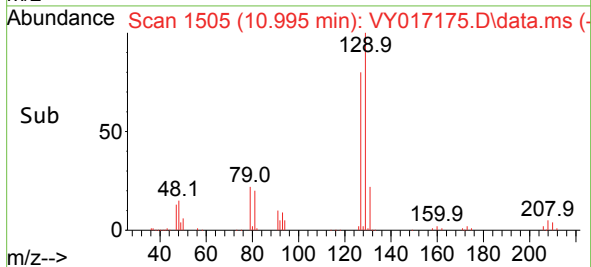
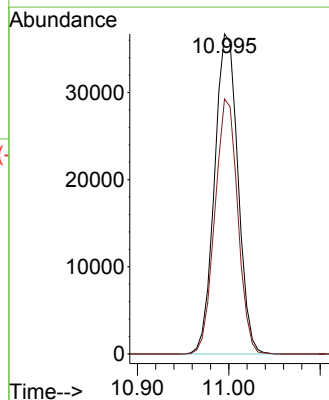
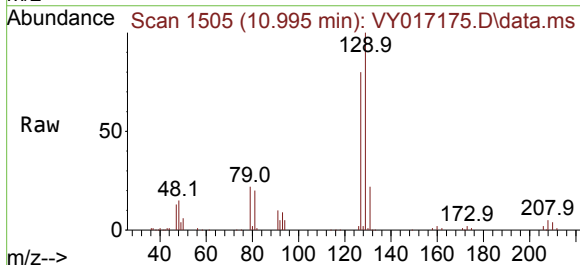
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

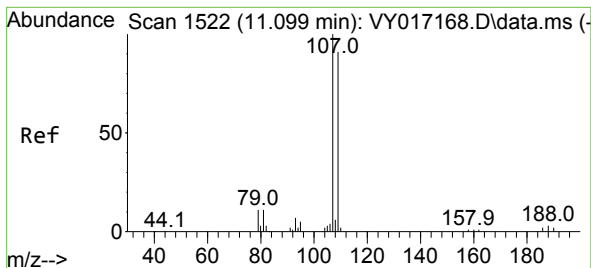
Tgt Ion: 43 Resp: 181902
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 53.814 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion:129 Resp: 65299
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

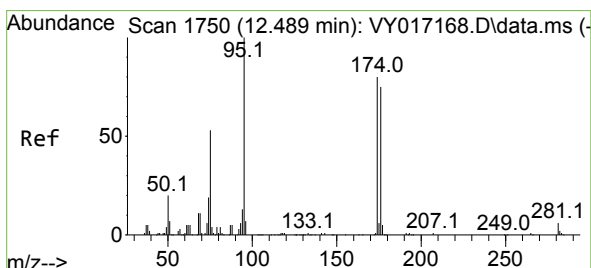
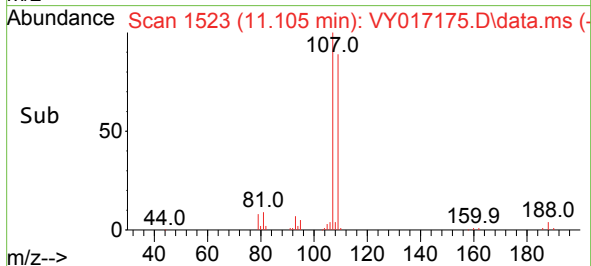
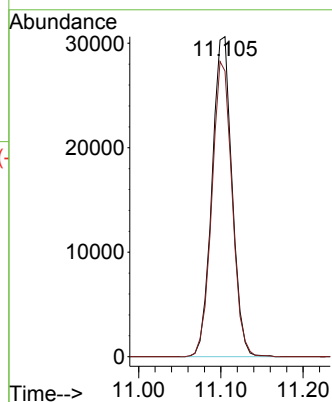
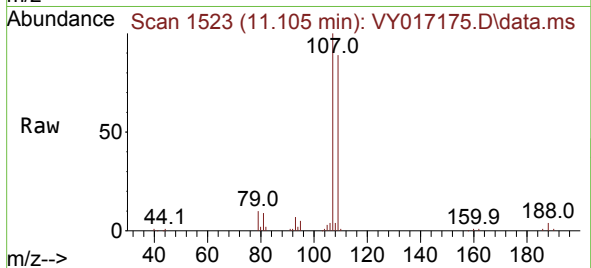




#61
1,2-Dibromoethane
Concen: 53.842 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

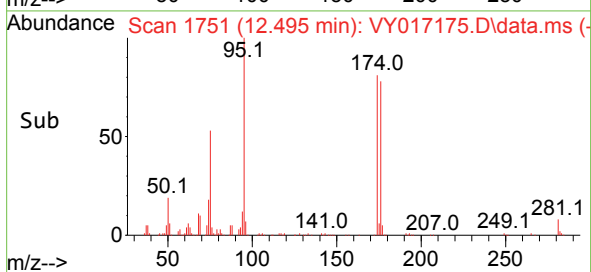
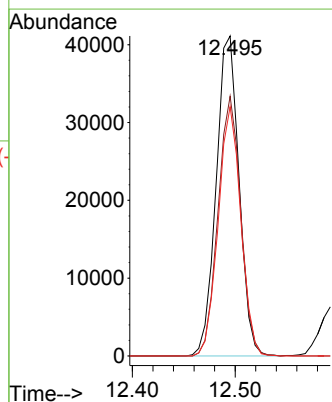
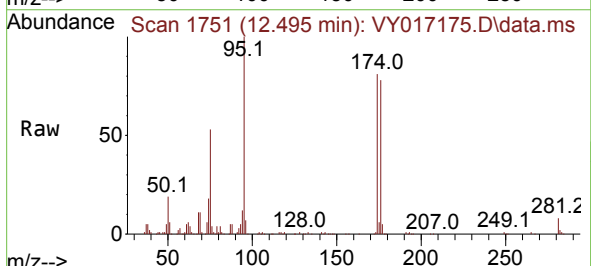
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

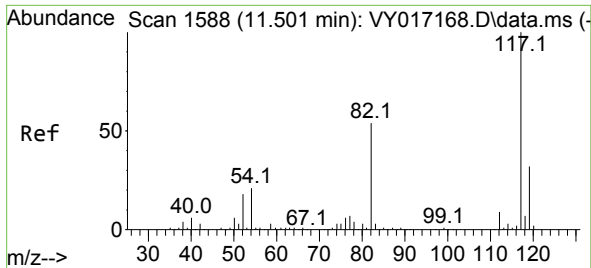
Tgt Ion:107 Resp: 51794
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.735 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 95 Resp: 63448
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.0
176 76.9 0.0 151.8

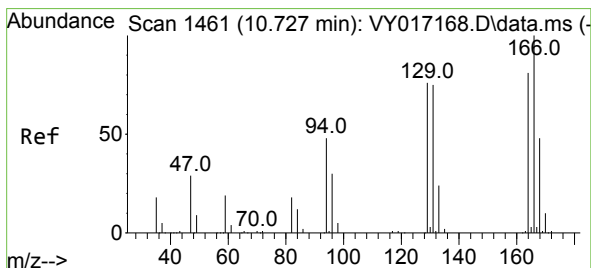
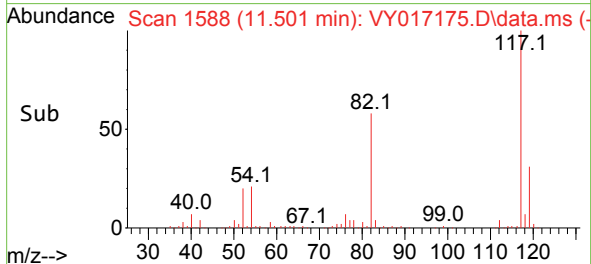
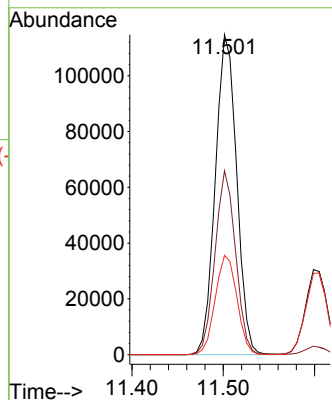
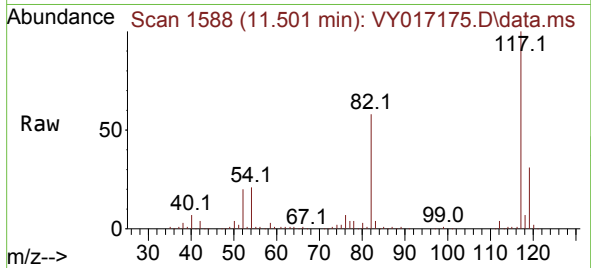




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

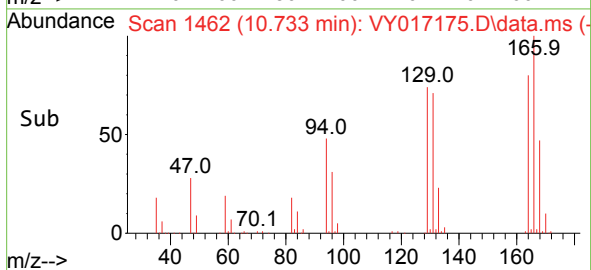
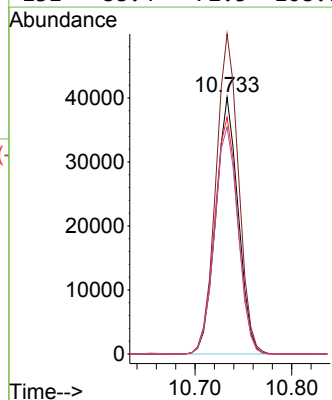
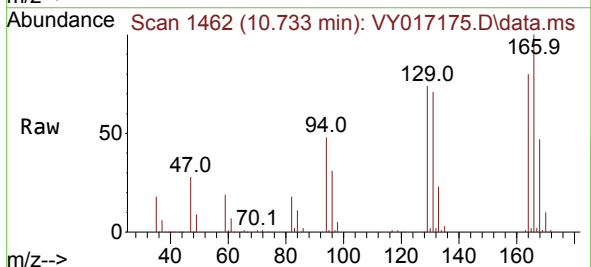
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

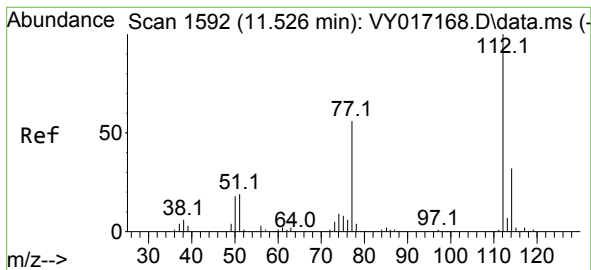
Tgt Ion:117 Resp: 186838
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 31.0 26.5 39.7



#64
Tetrachloroethene
Concen: 53.096 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion:164 Resp: 64428
Ion Ratio Lower Upper
164 100
166 124.7 98.8 148.2
129 92.2 78.9 118.3
131 88.4 72.5 108.7

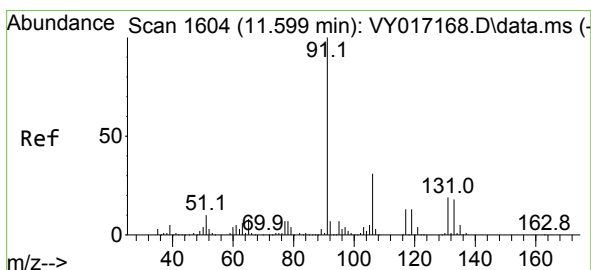
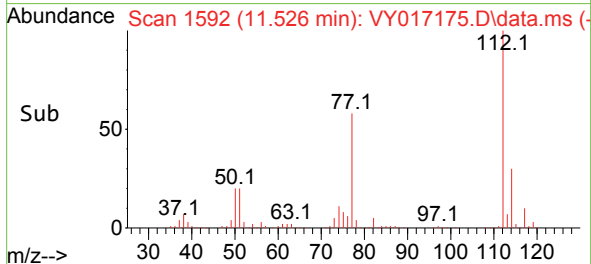
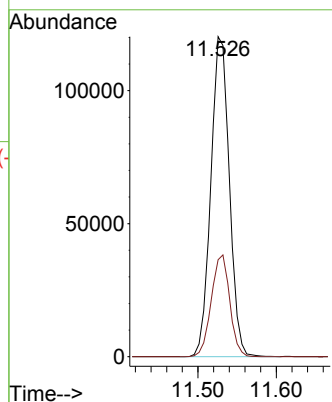
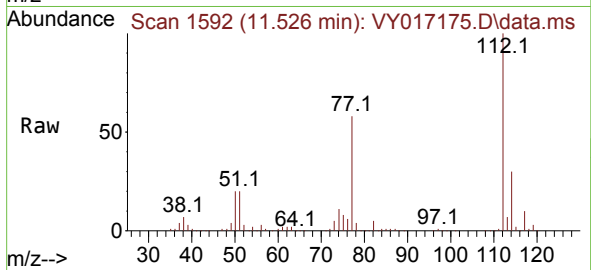




#65
Chlorobenzene
Concen: 54.677 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

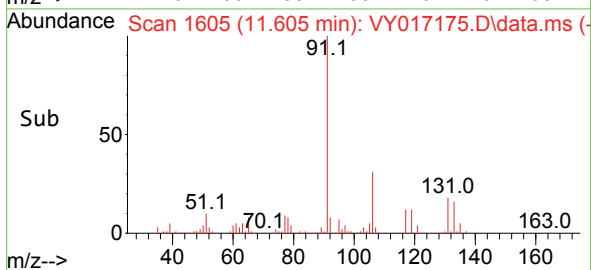
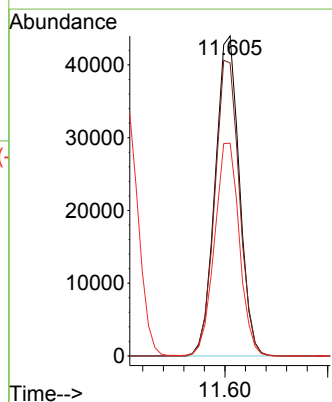
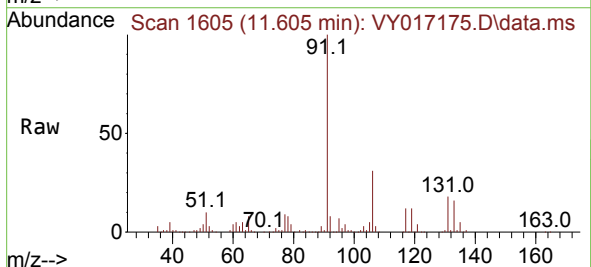
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

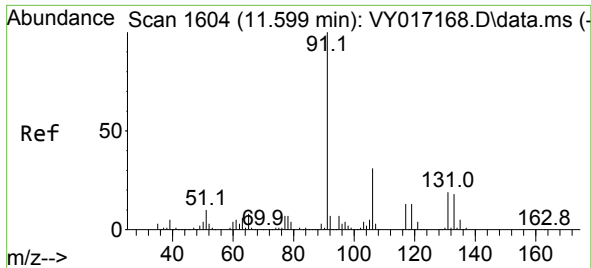
Tgt Ion:112 Resp: 197070
Ion Ratio Lower Upper
112 100
114 30.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.704 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion:131 Resp: 71652
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.0
119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 57.208 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

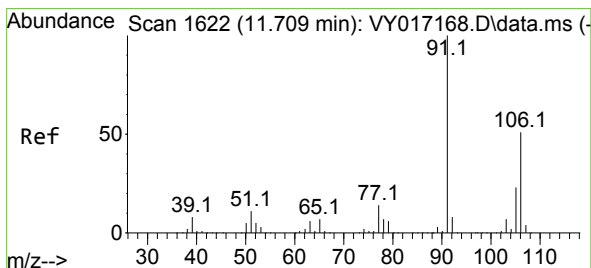
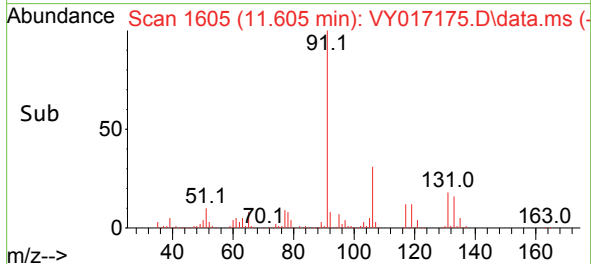
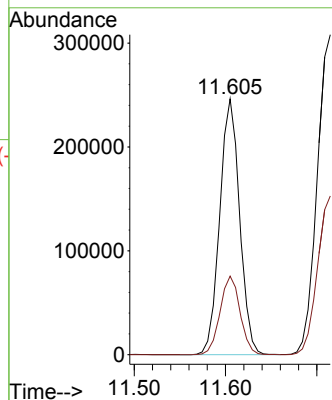
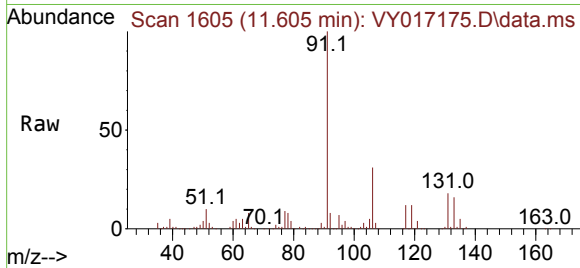
VSTDCCC050

Tgt Ion: 91 Resp: 372651

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 113.678 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017175.D

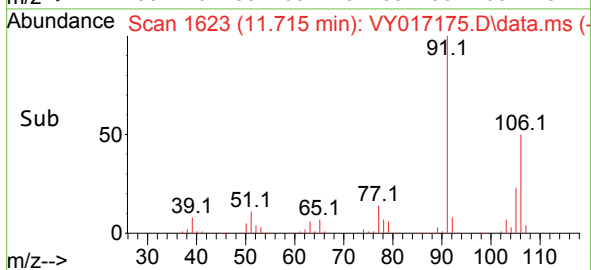
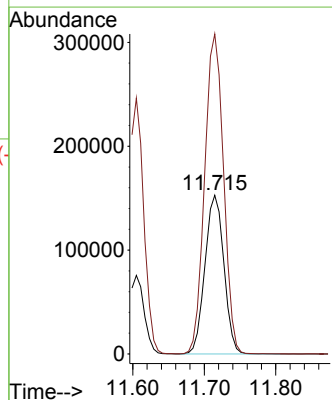
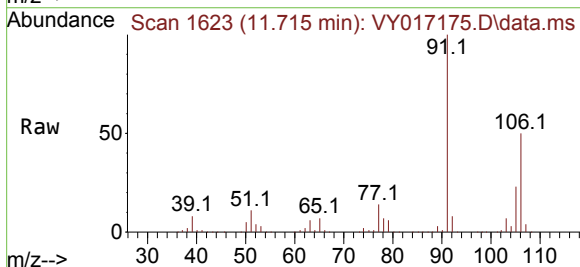
Acq: 02 Feb 2024 09:39

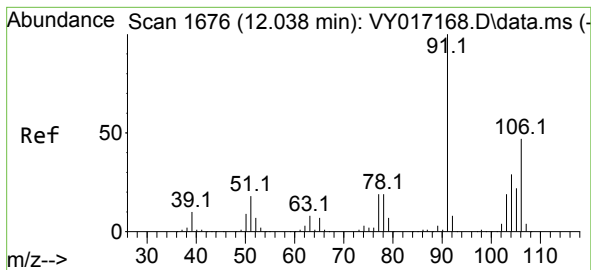
Tgt Ion:106 Resp: 281012

Ion Ratio Lower Upper

106 100

91 201.2 160.7 241.1





#69

o-Xylene

Concen: 57.708 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

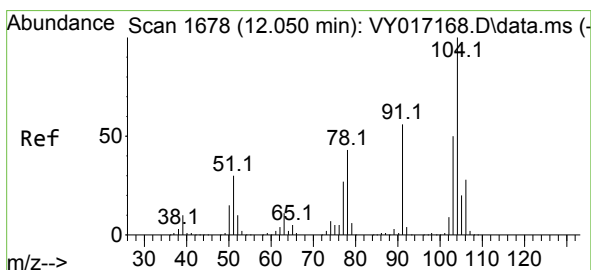
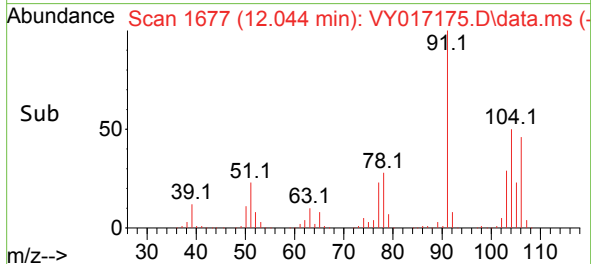
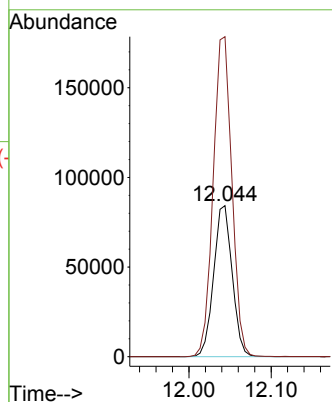
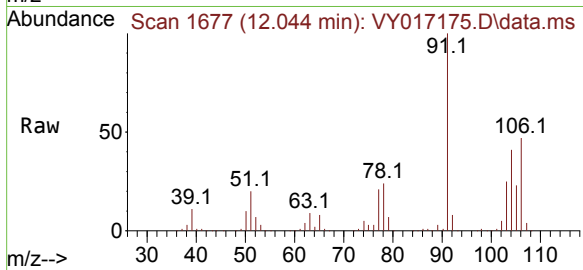
VSTDCCC050

Tgt Ion:106 Resp: 131370

Ion Ratio Lower Upper

106 100

91 214.0 106.5 319.5



#70

Styrene

Concen: 58.584 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

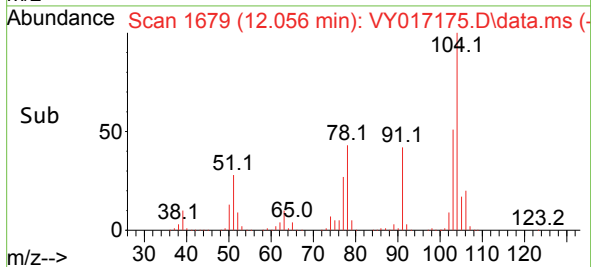
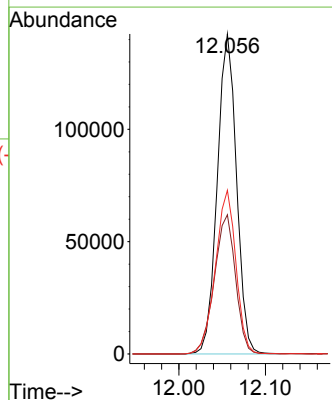
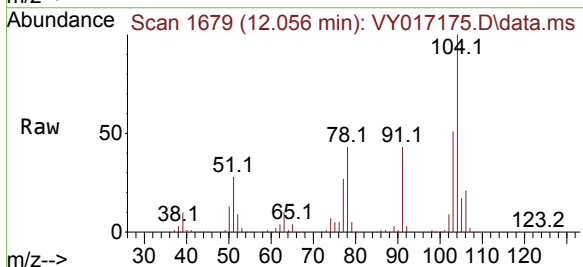
Tgt Ion:104 Resp: 219737

Ion Ratio Lower Upper

104 100

78 48.1 39.2 58.8

103 54.6 43.8 65.6





#71

Bromoform

Concen: 53.376 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

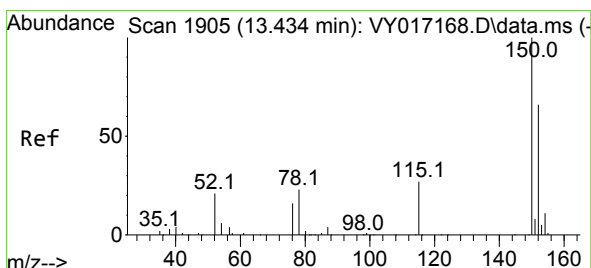
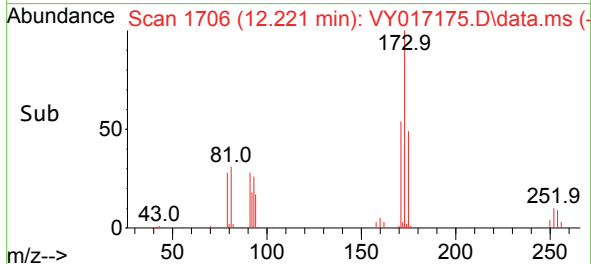
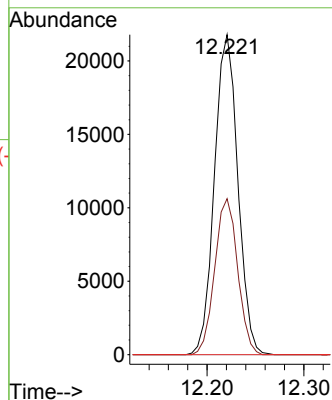
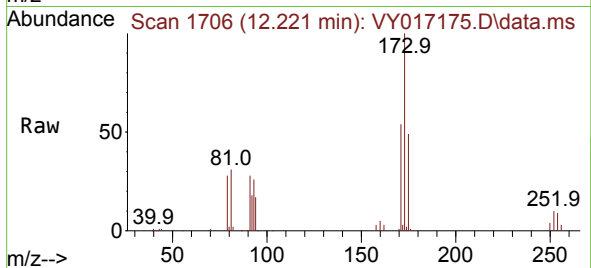
Tgt Ion:173 Resp: 36614

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

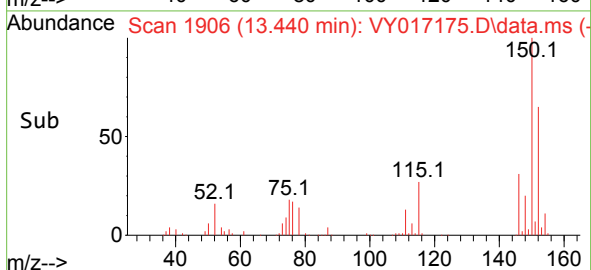
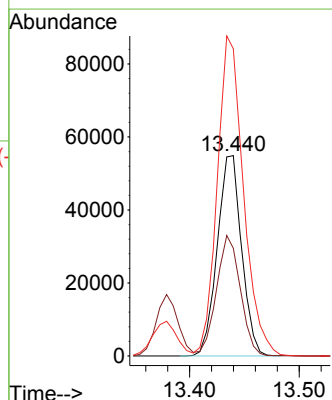
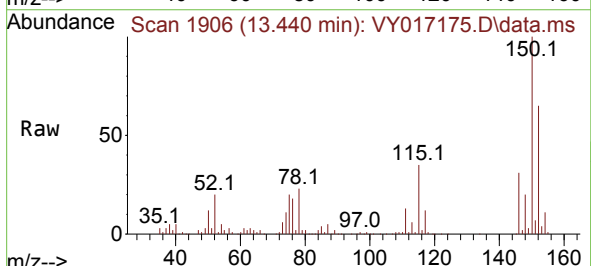
Tgt Ion:152 Resp: 84747

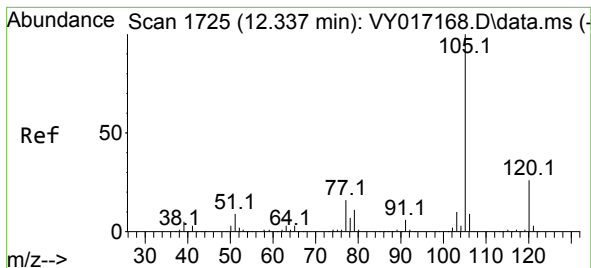
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 172.4 0.0 344.6





#73

Isopropylbenzene

Concen: 56.626 ug/l

RT: 12.343 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

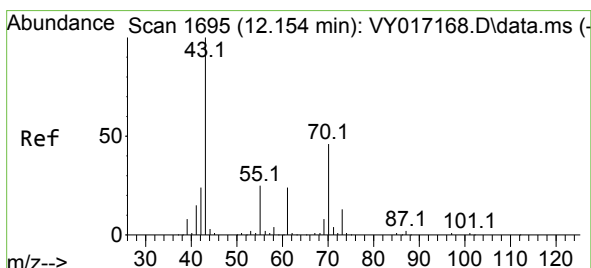
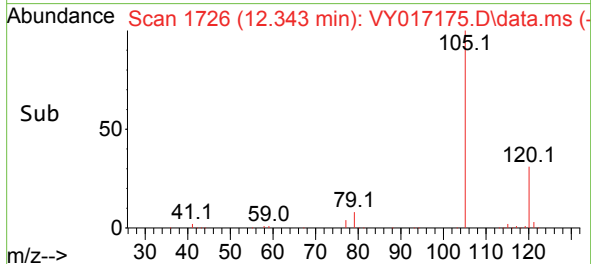
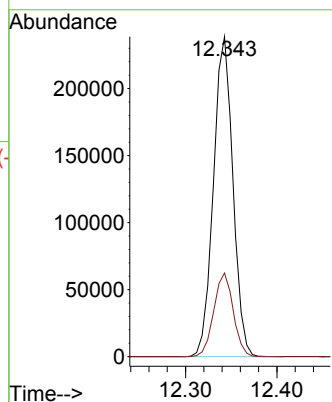
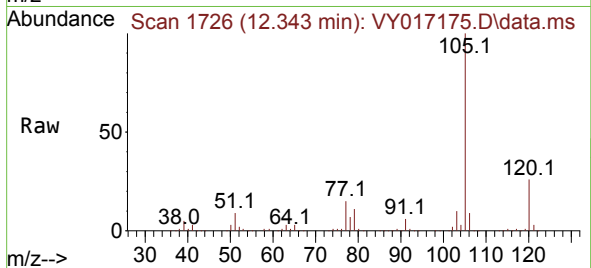
VSTDCCC050

Tgt Ion:105 Resp: 352546

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 53.387 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Tgt Ion: 43 Resp: 74683

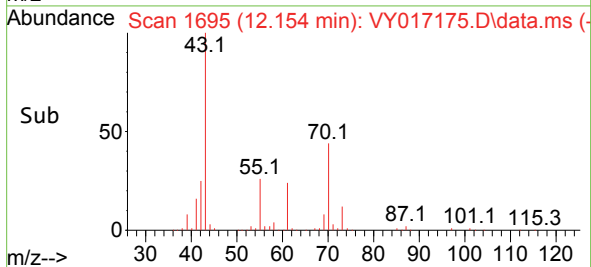
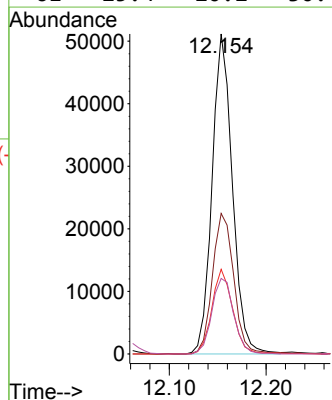
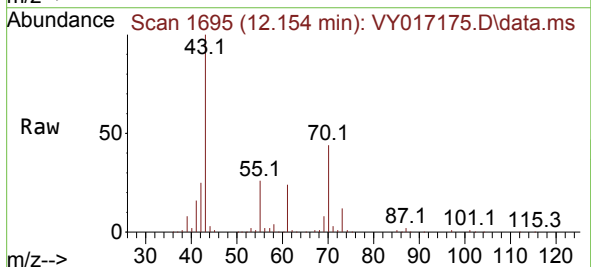
Ion Ratio Lower Upper

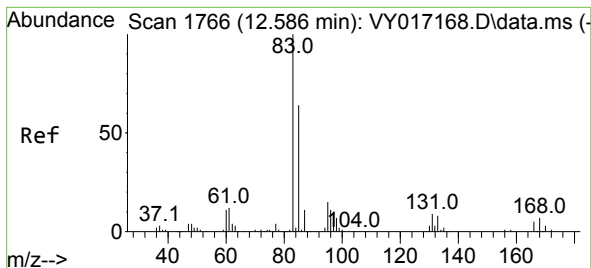
43 100

70 46.3 36.6 55.0

55 27.3 22.2 33.4

61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.122 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

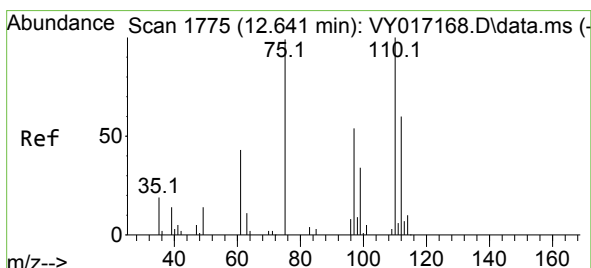
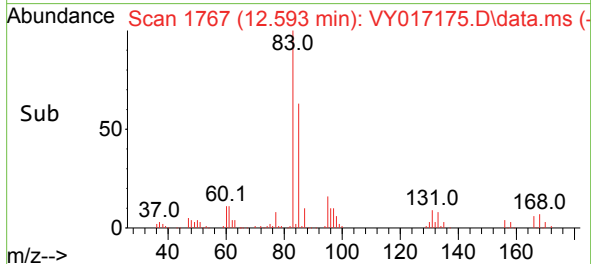
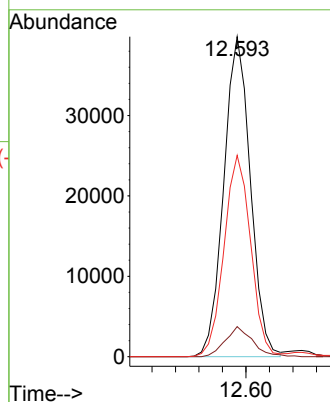
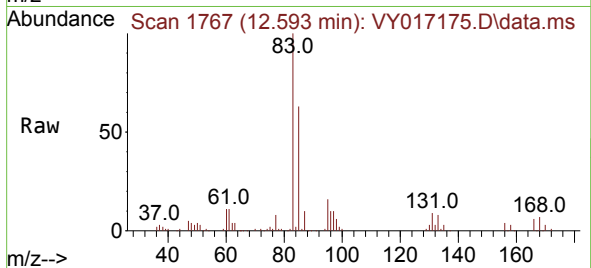
Tgt Ion: 83 Resp: 62600

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 63.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 99.560 ug/l

RT: 12.647 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017175.D

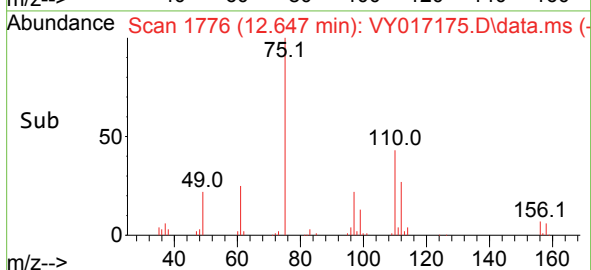
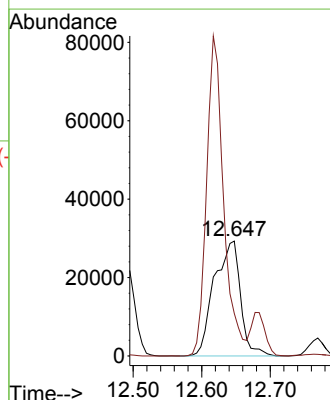
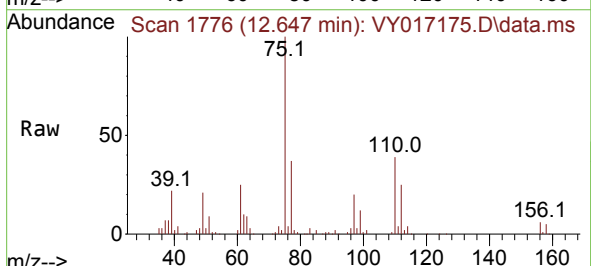
Acq: 02 Feb 2024 09:39

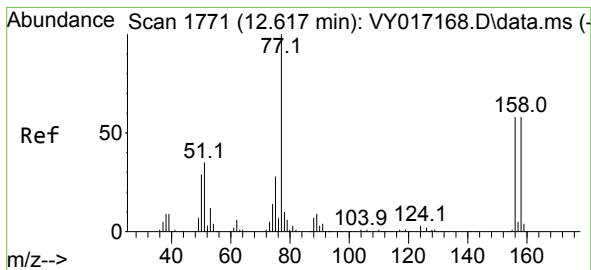
Tgt Ion: 75 Resp: 77876

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.653 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

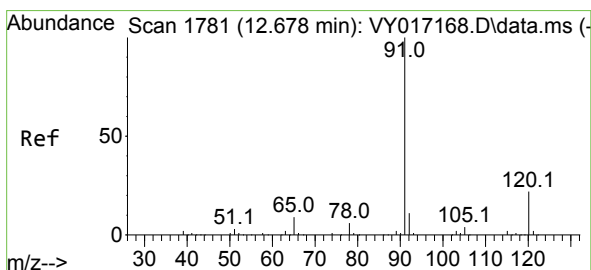
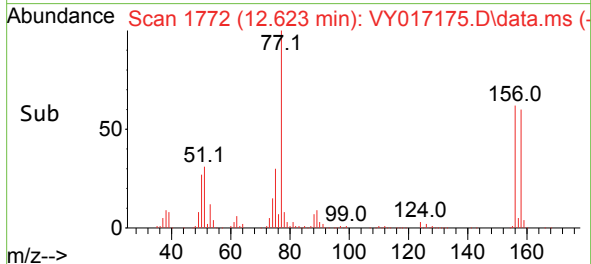
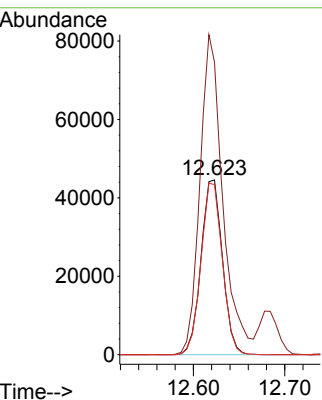
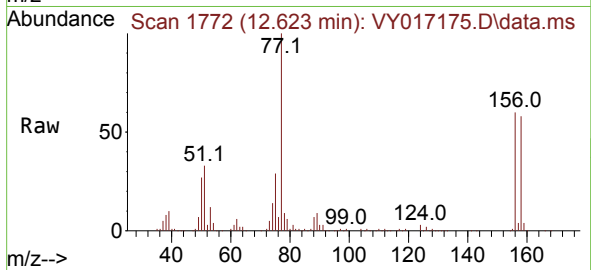
Tgt Ion:156 Resp: 72712

Ion Ratio Lower Upper

156 100

77 195.5 97.3 291.8

158 97.7 48.4 145.0



#78

n-propylbenzene

Concen: 56.605 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017175.D

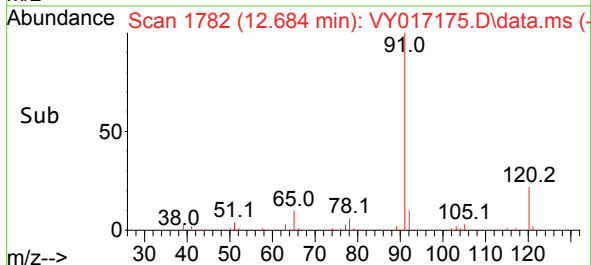
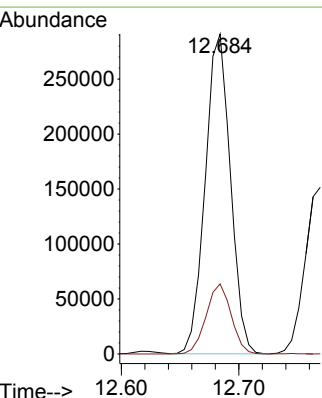
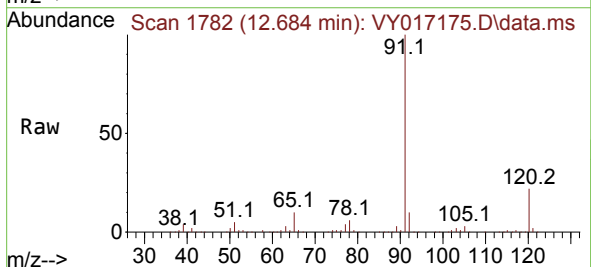
Acq: 02 Feb 2024 09:39

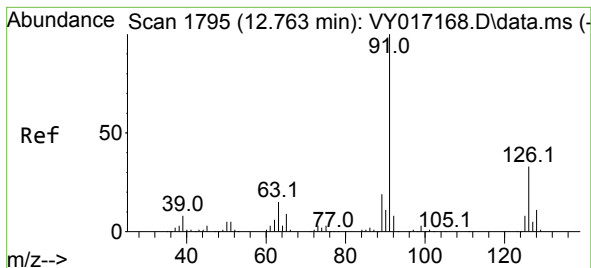
Tgt Ion: 91 Resp: 432825

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 56.294 ug/l

RT: 12.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

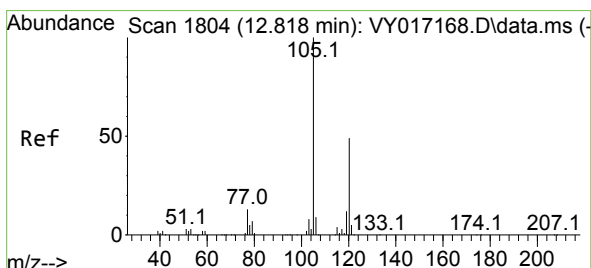
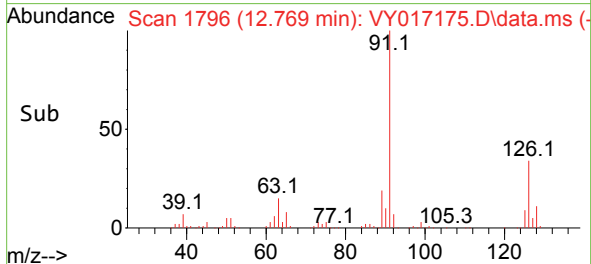
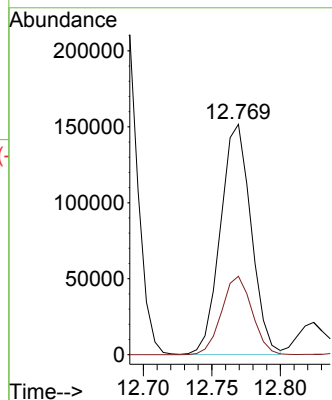
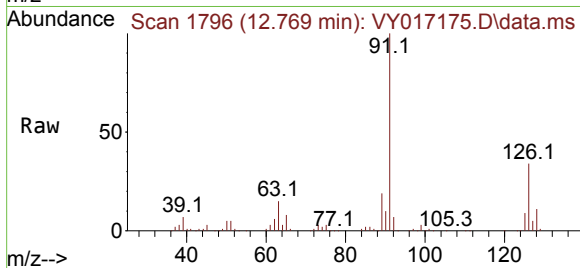
VSTDCCC050

Tgt Ion: 91 Resp: 236649

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 56.696 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017175.D

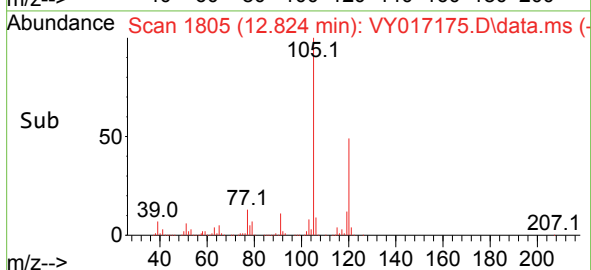
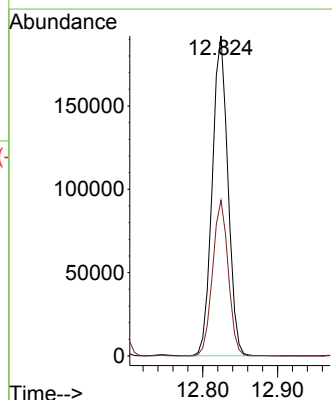
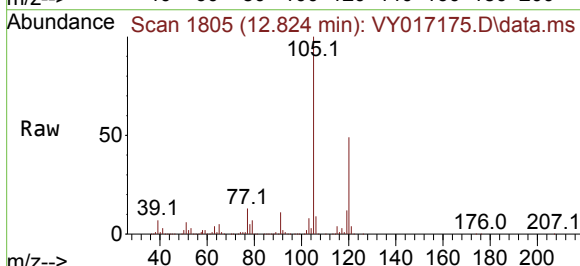
Acq: 02 Feb 2024 09:39

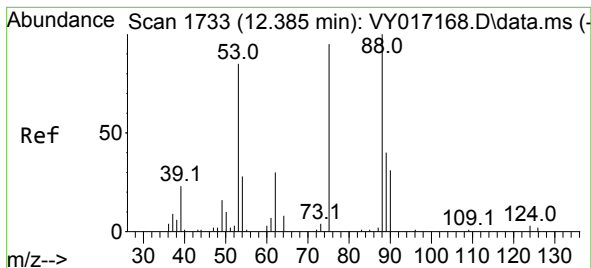
Tgt Ion:105 Resp: 280729

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

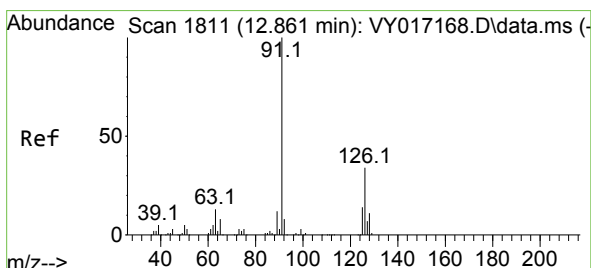
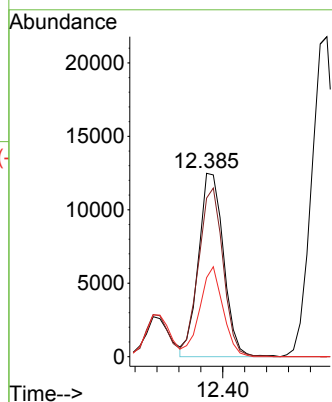
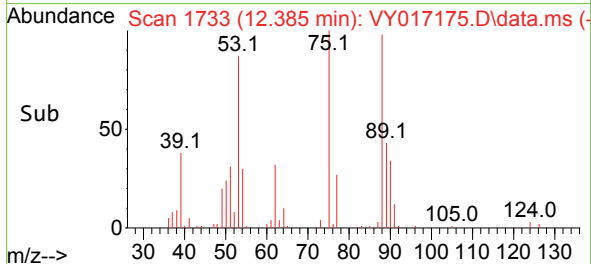
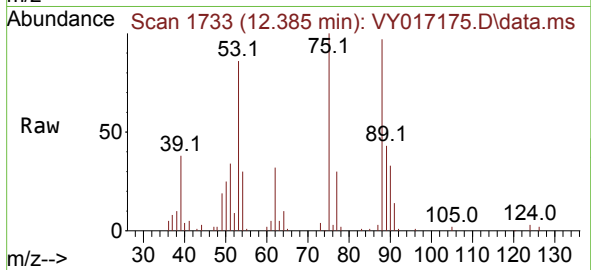




#81
trans-1,4-Dichloro-2-butene
Concen: 52.635 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

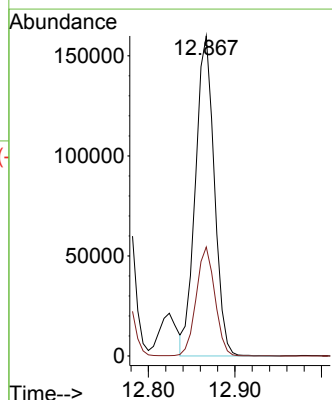
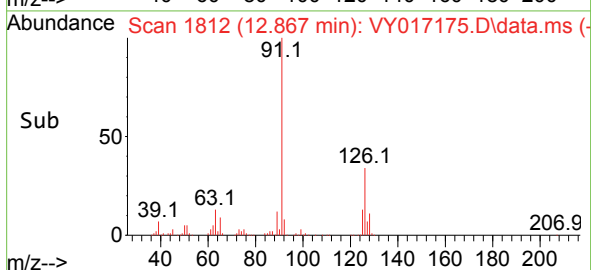
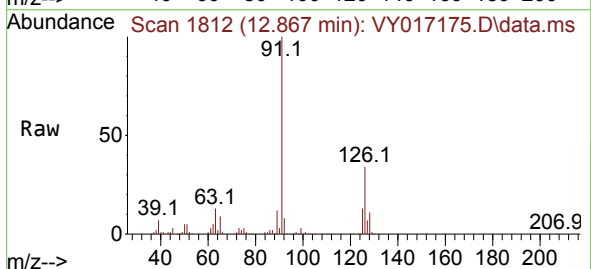
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

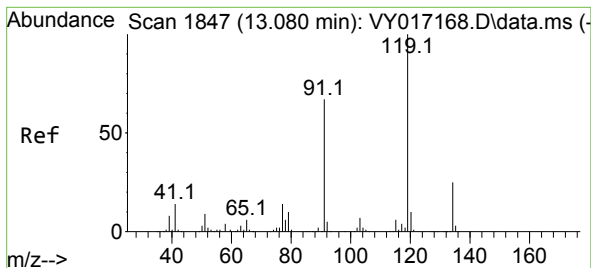
Tgt Ion: 75 Resp: 19814
Ion Ratio Lower Upper
75 100
53 90.3 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 55.904 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017175.D
Acq: 02 Feb 2024 09:39

Tgt Ion: 91 Resp: 241870
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 57.850 ug/l

RT: 13.086 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

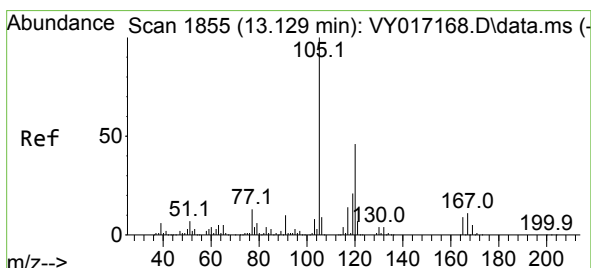
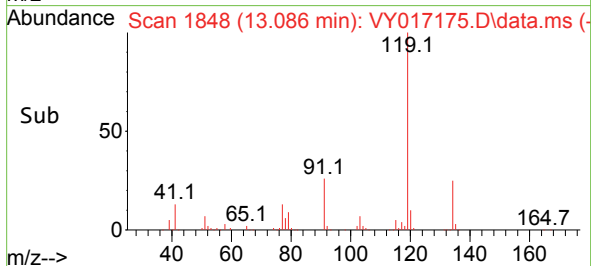
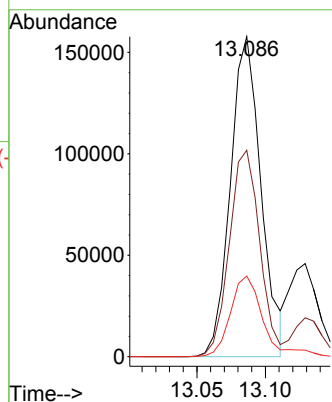
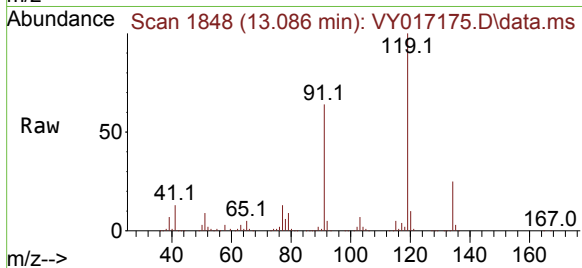
Tgt Ion:119 Resp: 245536

Ion Ratio Lower Upper

119 100

91 64.0 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 57.052 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017175.D

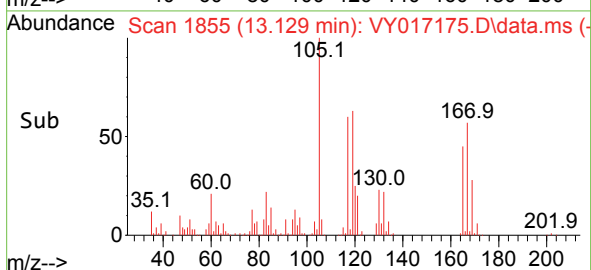
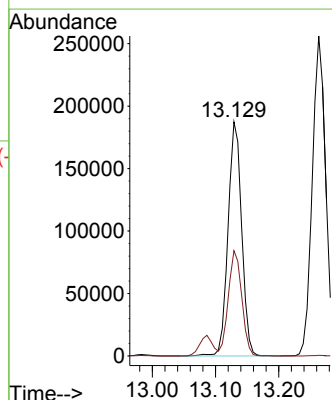
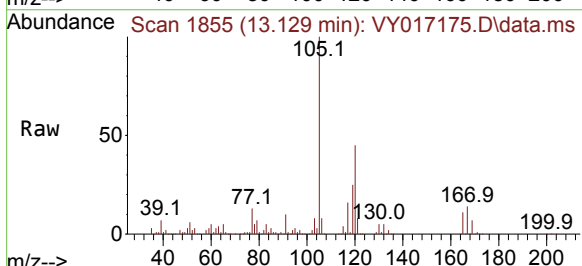
Acq: 02 Feb 2024 09:39

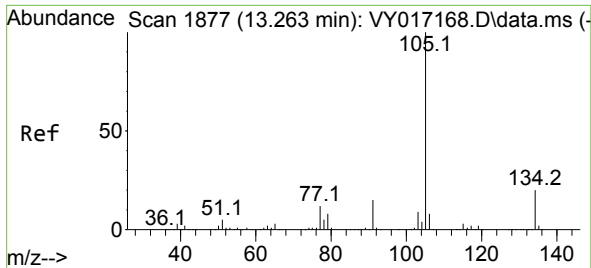
Tgt Ion:105 Resp: 278836

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.3

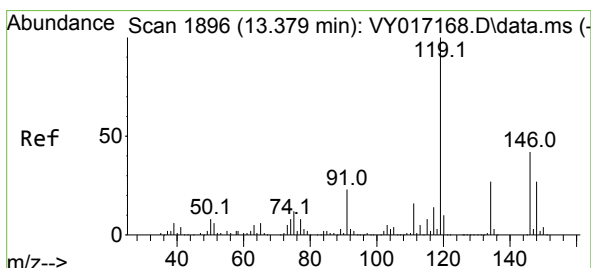
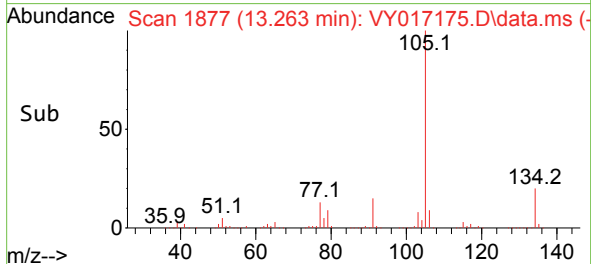
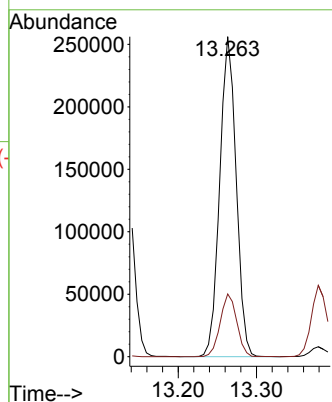
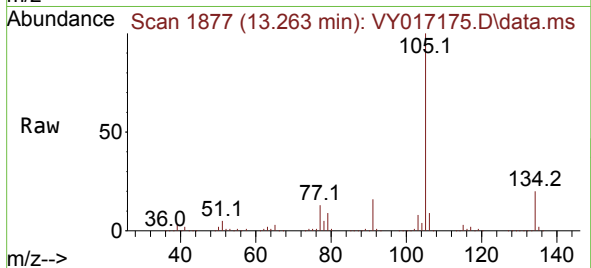




#85
 sec-Butylbenzene
 Concen: 56.445 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

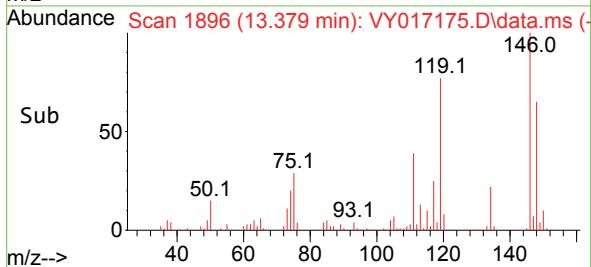
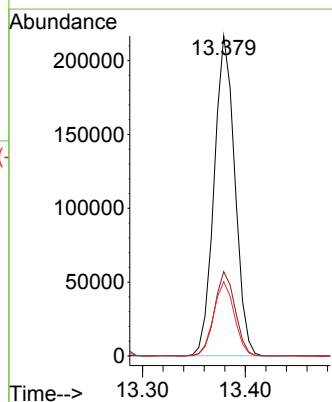
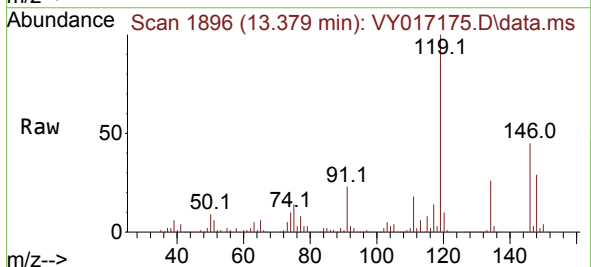
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

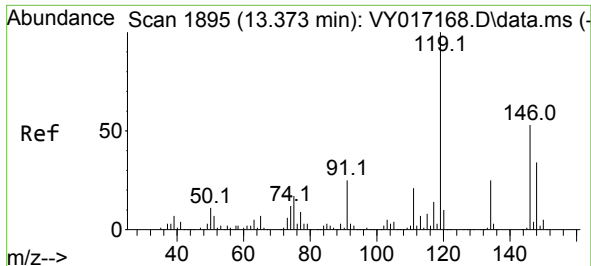
Tgt Ion:105 Resp: 374438
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 57.067 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY017175.D
 Acq: 02 Feb 2024 09:39

Tgt Ion:119 Resp: 302511
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 53.619 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

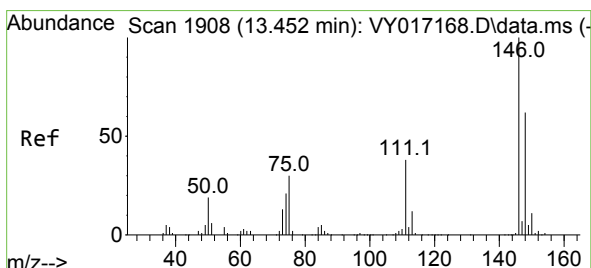
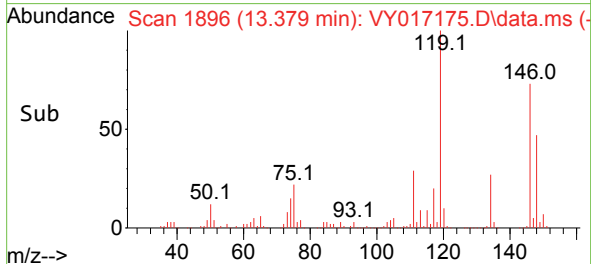
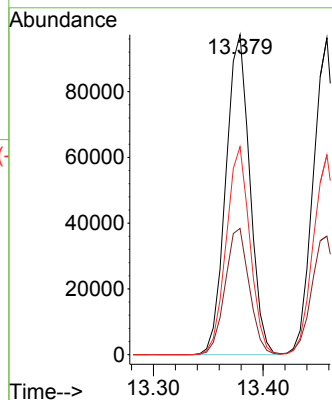
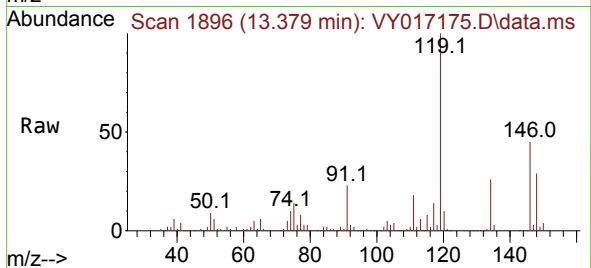
Tgt Ion:146 Resp: 147716

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.892 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

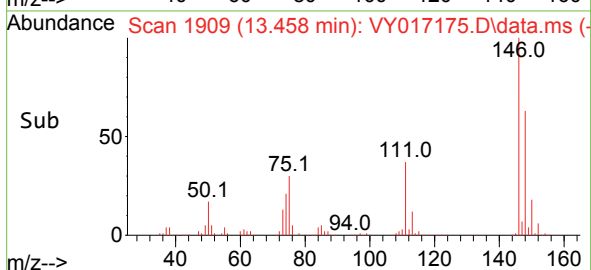
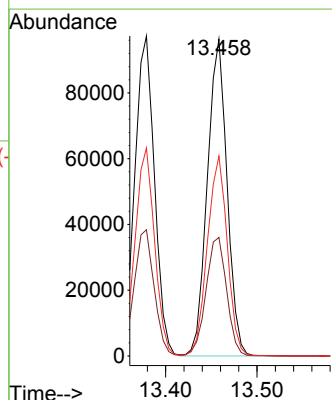
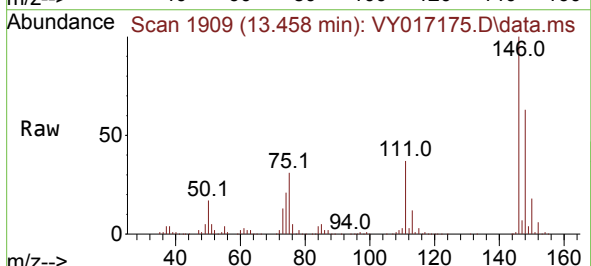
Tgt Ion:146 Resp: 144240

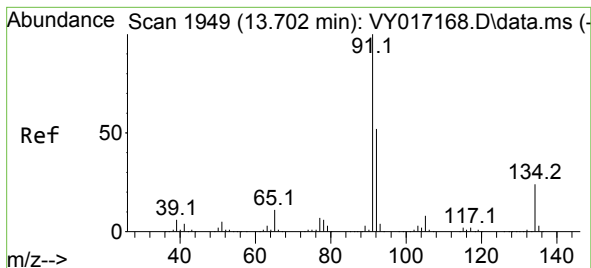
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 57.514 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

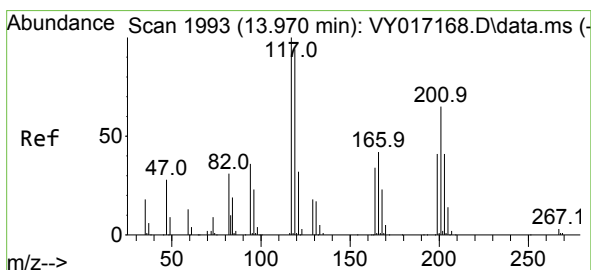
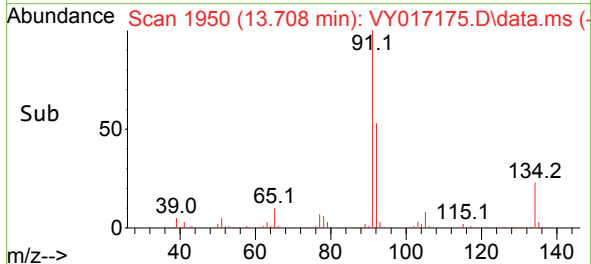
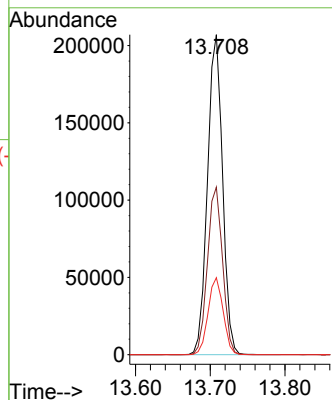
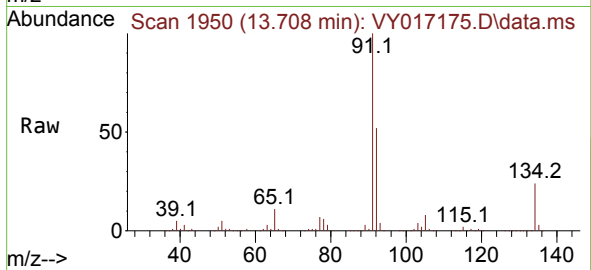
Tgt Ion: 91 Resp: 289872

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 54.626 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017175.D

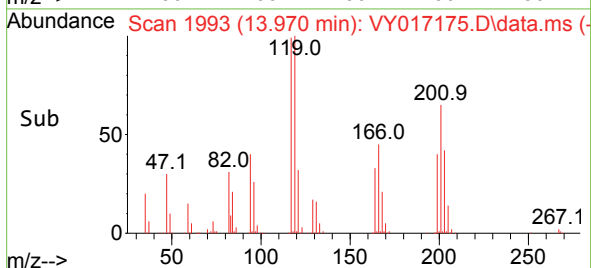
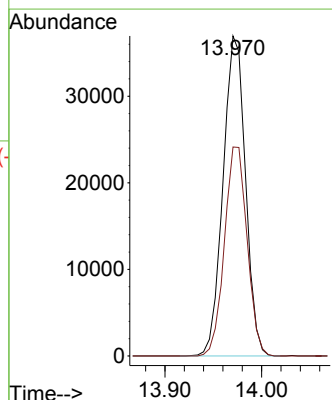
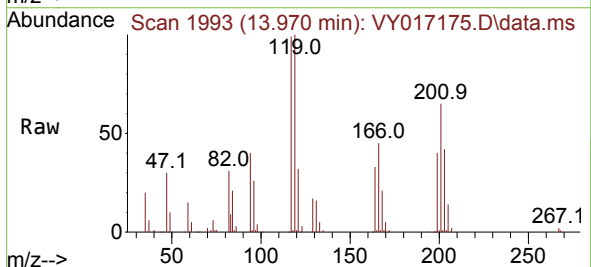
Acq: 02 Feb 2024 09:39

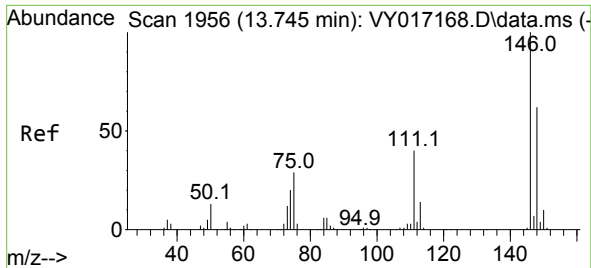
Tgt Ion: 117 Resp: 59447

Ion Ratio Lower Upper

117 100

201 66.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 54.022 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

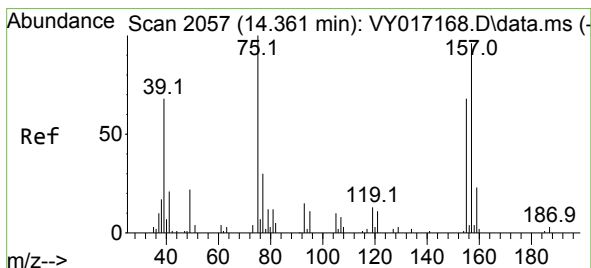
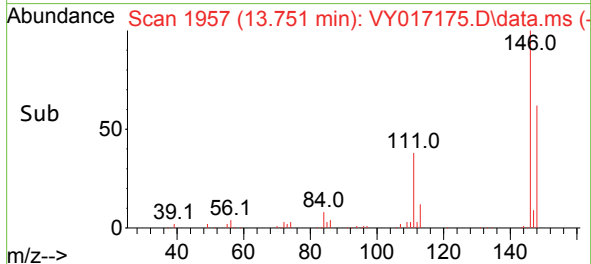
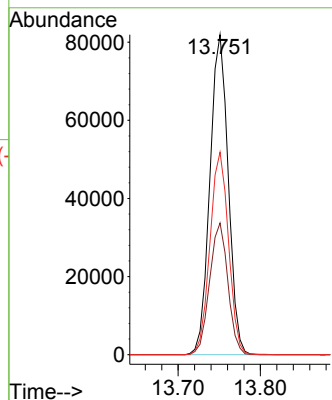
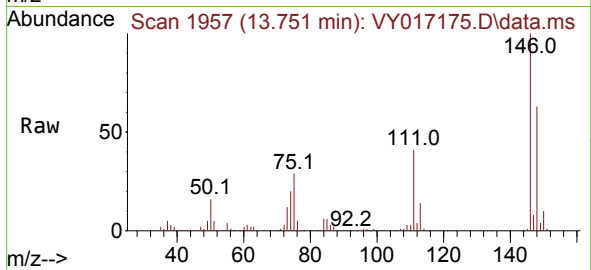
Tgt Ion:146 Resp: 126697

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 64.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.326 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

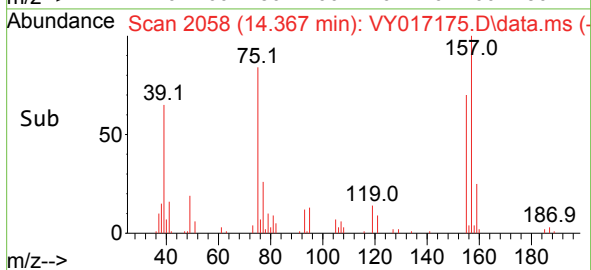
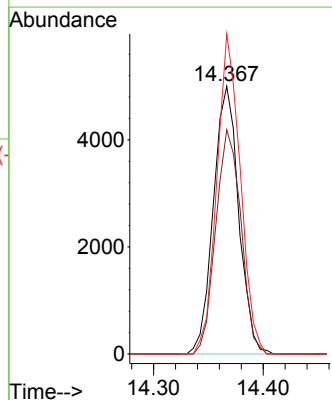
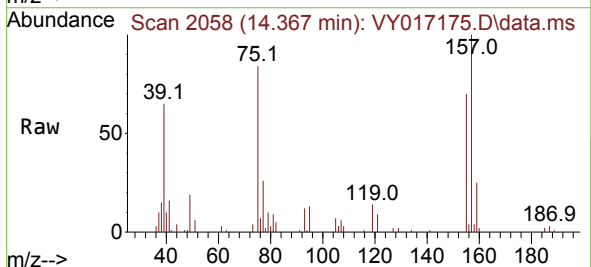
Tgt Ion: 75 Resp: 8027

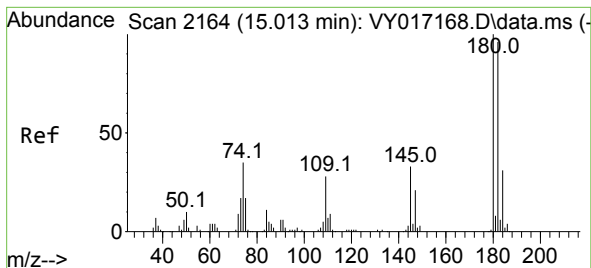
Ion Ratio Lower Upper

75 100

155 83.1 42.1 126.3

157 110.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 58.264 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

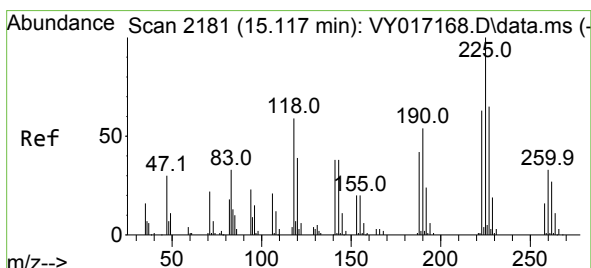
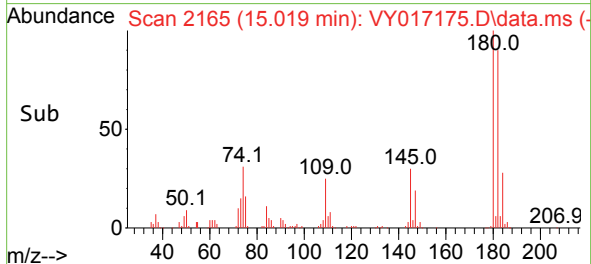
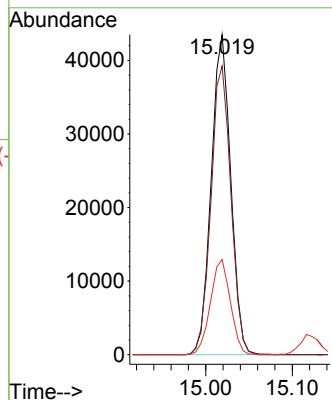
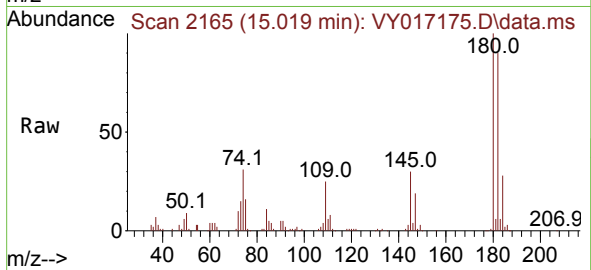
Tgt Ion:180 Resp: 67873

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 55.762 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

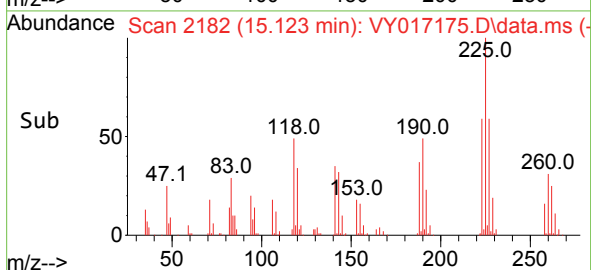
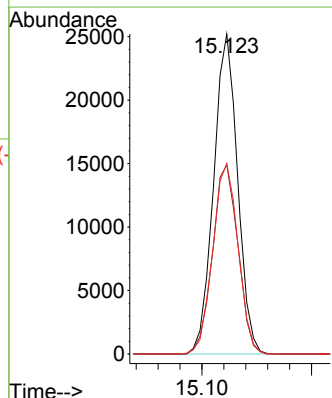
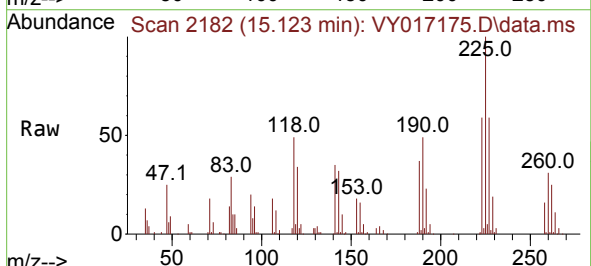
Tgt Ion:225 Resp: 38258

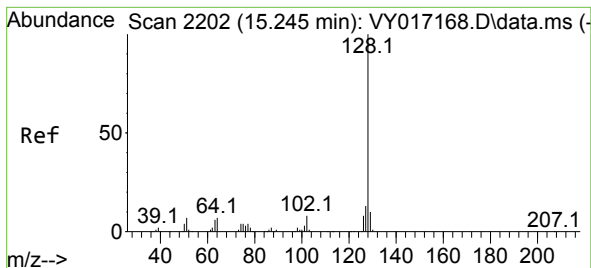
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 52.463 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

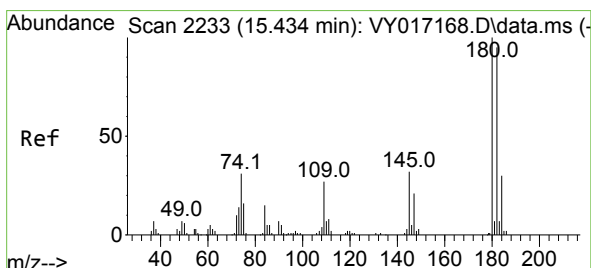
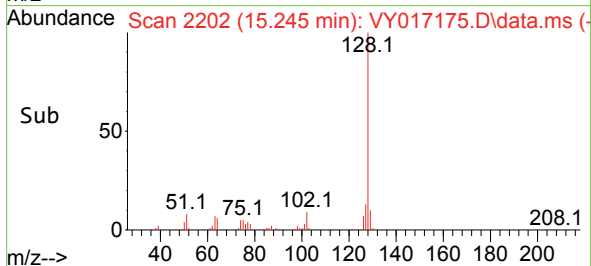
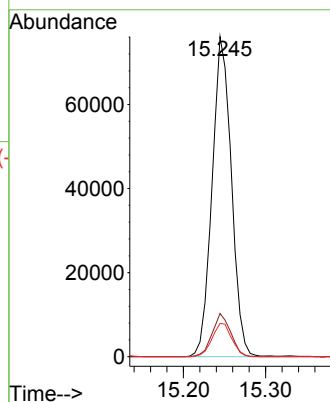
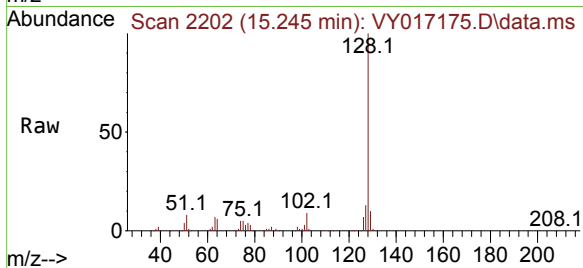
Tgt Ion:128 Resp: 124178

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 57.147 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017175.D

Acq: 02 Feb 2024 09:39

Tgt Ion:180 Resp: 56619

Ion Ratio Lower Upper

180 100

182 95.0 46.3 138.8

145 32.5 16.1 48.2

