

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017774.D
 Acq On : 26 Mar 2024 16:57
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 27 01:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	153713	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	243889	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	216434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	72908	54.445	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.880%	
35) Dibromofluoromethane	7.728	113	78915	54.131	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	298526	53.503	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.483	95	94871	56.624	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59684	44.975	ug/l	99
3) Chloromethane	2.119	50	90524	52.657	ug/l	98
4) Vinyl Chloride	2.253	62	111458	53.623	ug/l	97
5) Bromomethane	2.656	94	91418	56.328	ug/l	99
6) Chloroethane	2.796	64	76859	55.327	ug/l	99
7) Trichlorofluoromethane	3.131	101	116962	53.387	ug/l	97
8) Diethyl Ether	3.533	74	39239	54.326	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	77455	49.664	ug/l	100
10) Methyl Iodide	4.100	142	93111	48.840	ug/l	99
11) Tert butyl alcohol	4.960	59	24447	274.468	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	73738	50.265	ug/l	96
13) Acrolein	3.735	56	28050	261.254	ug/l	98
14) Allyl chloride	4.491	41	97220	48.901	ug/l	97
15) Acrylonitrile	5.173	53	80363	268.580	ug/l	100
16) Acetone	3.954	43	69016	294.657	ug/l #	86
17) Carbon Disulfide	4.198	76	232107	47.285	ug/l	99
18) Methyl Acetate	4.484	43	31952	54.182	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	172465	54.525	ug/l	100
20) Methylene Chloride	4.722	84	90991	53.416	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	83672	50.031	ug/l	94
22) Diisopropyl ether	6.131	45	225540	52.103	ug/l	98
23) Vinyl Acetate	6.070	43	685480	269.612	ug/l	96
24) 1,1-Dichloroethane	6.027	63	140979	49.549	ug/l	99
25) 2-Butanone	6.996	43	100648	252.869	ug/l	93
26) 2,2-Dichloropropane	6.990	77	116505	48.173	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	98755	52.204	ug/l	99
28) Bromochloromethane	7.344	49	58528	53.061	ug/l	95
29) Tetrahydrofuran	7.356	42	64670	258.286	ug/l	95
30) Chloroform	7.514	83	149637	50.732	ug/l	98
31) Cyclohexane	7.795	56	118920	44.901	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	128267	49.933	ug/l	97
36) 1,1-Dichloropropene	7.929	75	108273	48.073	ug/l	99
37) Ethyl Acetate	7.082	43	46071	53.234	ug/l	97
38) Carbon Tetrachloride	7.911	117	117416	49.789	ug/l	98
39) Methylcyclohexane	9.191	83	141147	48.819	ug/l	96
40) Benzene	8.167	78	341589	50.667	ug/l	98

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	60851	142.341	ug/l #	26
42) 1,2-Dichloroethane	8.246	62	83883	51.946	ug/l	99
43) Isopropyl Acetate	8.283	43	84925	49.605	ug/l	97
44) Trichloroethene	8.947	130	91937	52.135	ug/l	95
45) 1,2-Dichloropropane	9.221	63	77527	50.470	ug/l	99
46) Dibromomethane	9.313	93	45579	53.247	ug/l	98
47) Bromodichloromethane	9.502	83	114230	52.190	ug/l	98
48) Methyl methacrylate	9.301	41	39779	49.945	ug/l	96
49) 1,4-Dioxane	9.301	88	9470	1136.999	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	231238	251.265	ug/l	97
52) Toluene	10.252	92	212767	51.072	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	102991	53.804	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	123734	52.916	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	59220	54.081	ug/l	95
56) Ethyl methacrylate	10.514	69	78603	51.026	ug/l	95
57) 1,3-Dichloropropane	10.794	76	102741	54.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	201867	260.595	ug/l	100
59) 2-Hexanone	10.837	43	162938	251.662	ug/l	97
60) Dibromochloromethane	10.989	129	79707	54.419	ug/l	98
61) 1,2-Dibromoethane	11.093	107	56344	54.807	ug/l	99
64) Tetrachloroethene	10.727	164	105811	52.864	ug/l	98
65) Chlorobenzene	11.520	112	238453	51.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	82232	52.854	ug/l	98
67) Ethyl Benzene	11.599	91	409671	51.199	ug/l	95
68) m/p-Xylenes	11.709	106	321981	103.732	ug/l	100
69) o-Xylene	12.032	106	148846	52.524	ug/l	98
70) Styrene	12.050	104	255455	54.162	ug/l	99
71) Bromoform	12.215	173	45781	55.873	ug/l #	100
73) Isopropylbenzene	12.331	105	382531	47.547	ug/l	99
74) N-amyl acetate	12.148	43	75606	45.916	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	62097	50.128	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	82935	84.292	ug/l #	100
77) Bromobenzene	12.611	156	93757	51.185	ug/l	95
78) n-propylbenzene	12.678	91	467133	47.965	ug/l	99
79) 2-Chlorotoluene	12.757	91	258084	48.323	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	310422	49.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	21680	50.916	ug/l	98
82) 4-Chlorotoluene	12.861	91	266404	48.616	ug/l	97
83) tert-Butylbenzene	13.081	119	284968	50.000	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	309502	50.127	ug/l	98
85) sec-Butylbenzene	13.257	105	416723	48.785	ug/l	98
86) p-Isopropyltoluene	13.373	119	356301	50.236	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	186407	50.219	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	177362	49.774	ug/l	99
89) n-Butylbenzene	13.696	91	323214	50.371	ug/l	100
90) Hexachloroethane	13.964	117	69113	47.785	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	159196	51.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8399	51.371	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	84471	56.710	ug/l	99
94) Hexachlorobutadiene	15.111	225	51520	53.885	ug/l	99
95) Naphthalene	15.239	128	142512	51.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	71676	58.282	ug/l	99

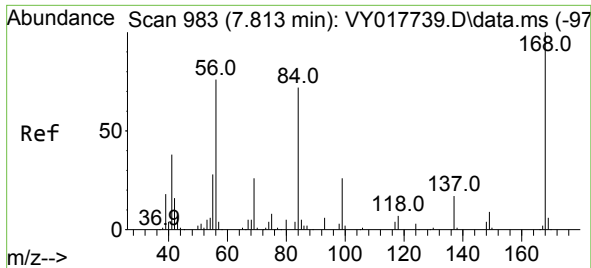
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
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Response via : Initial Calibration

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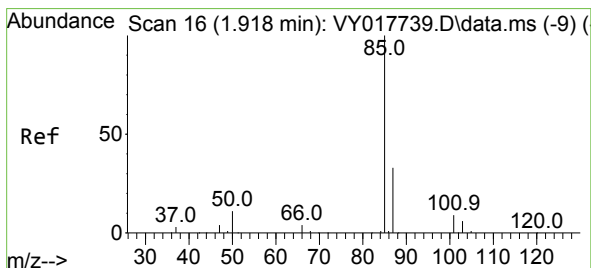
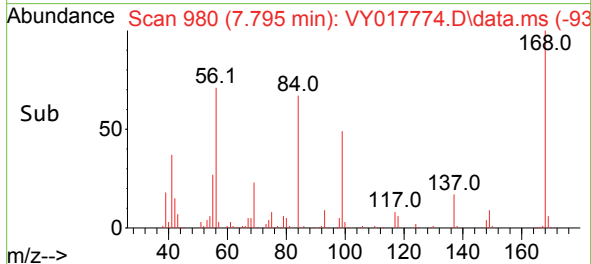
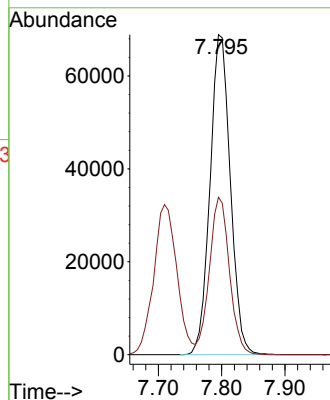
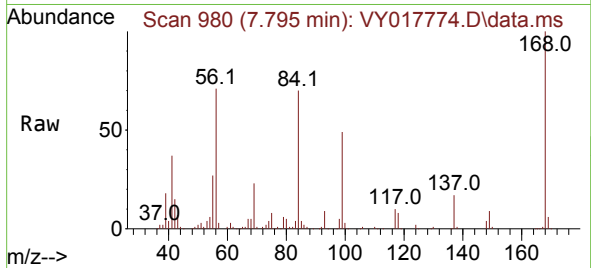
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

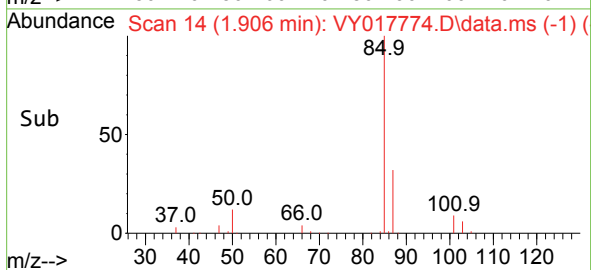
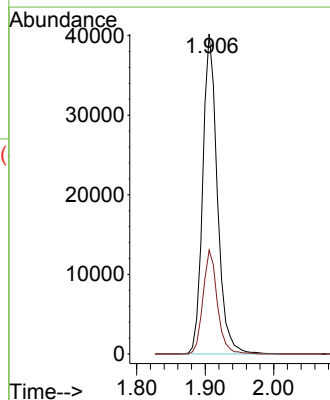
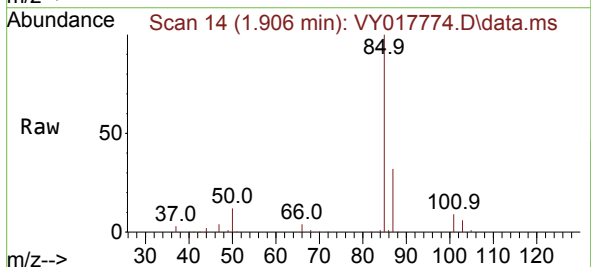
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

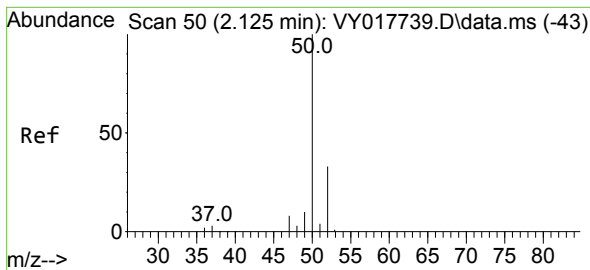
Tgt Ion:168 Resp: 153713
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.975 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 85 Resp: 59684
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3

Chloromethane

Concen: 52.657 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

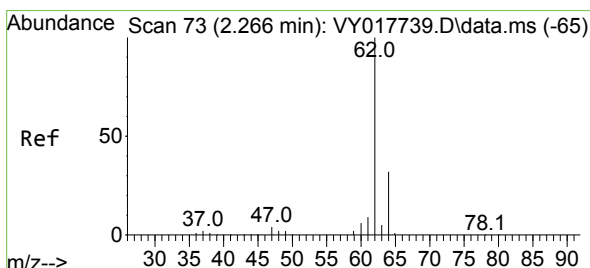
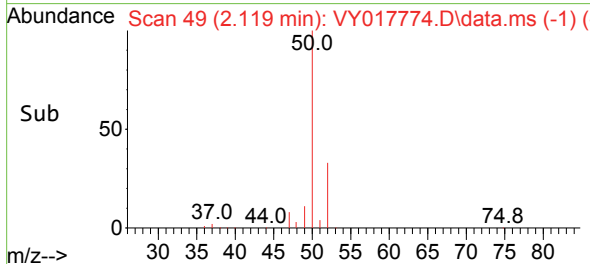
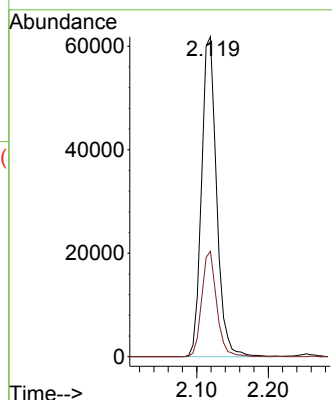
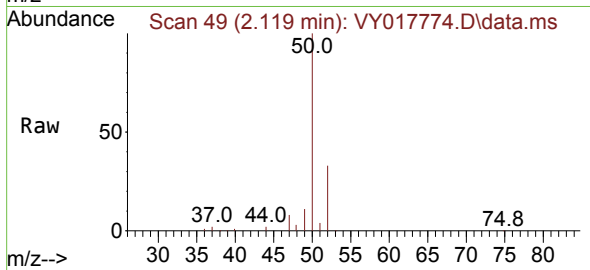
VSTDCCC050EC

Tgt Ion: 50 Resp: 90524

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 53.623 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.012 min

Lab File: VY017774.D

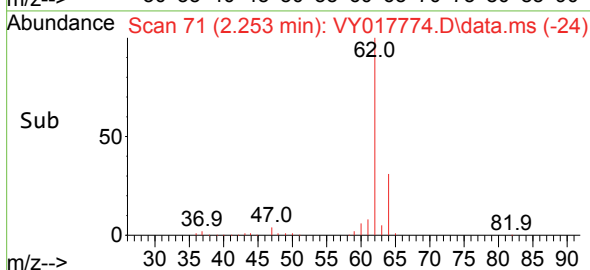
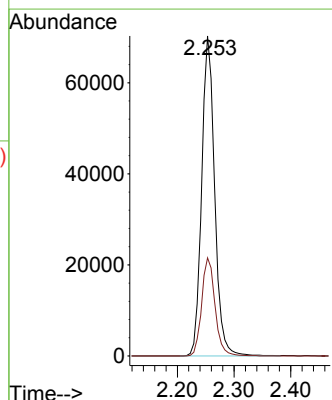
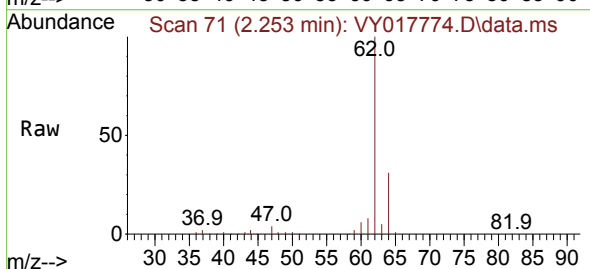
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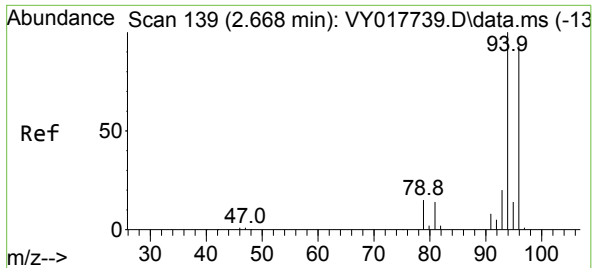
Tgt Ion: 62 Resp: 111458

Ion Ratio Lower Upper

62 100

64 30.7 26.1 39.1

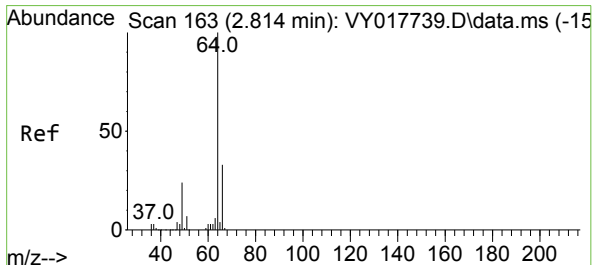
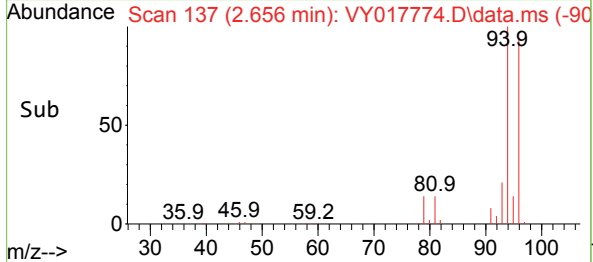
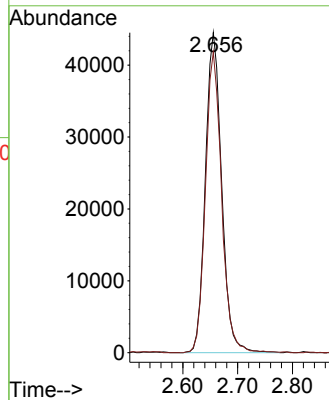
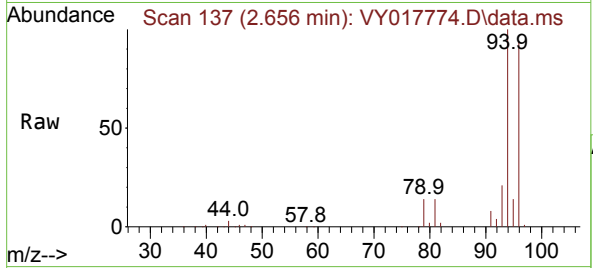




#5
Bromomethane
Concen: 56.328 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

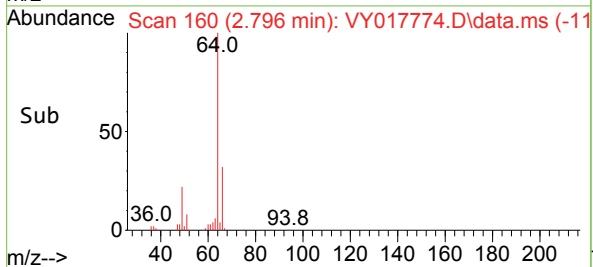
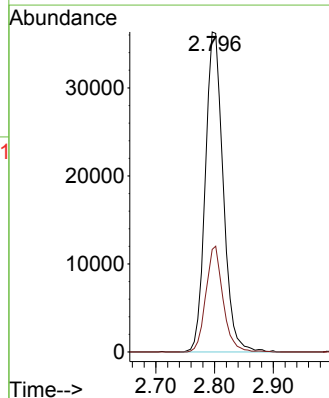
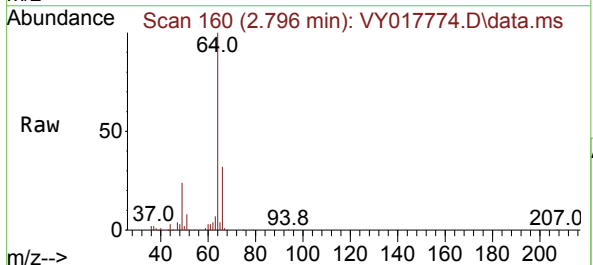
Instrument :
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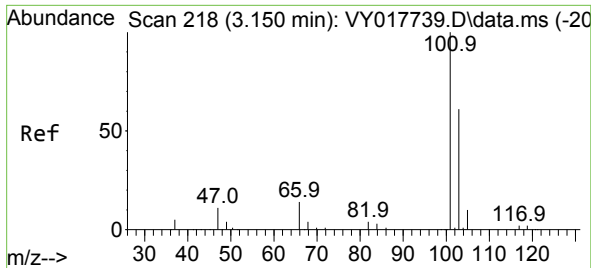
Tgt Ion: 94 Resp: 91418
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1



#6
Chloroethane
Concen: 55.327 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 64 Resp: 76859
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

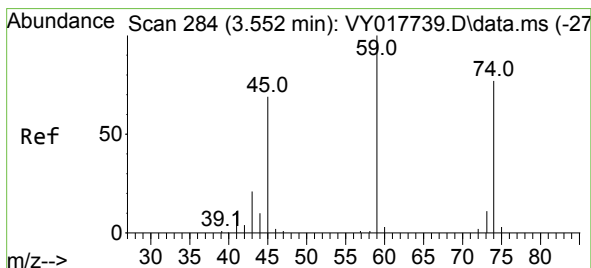
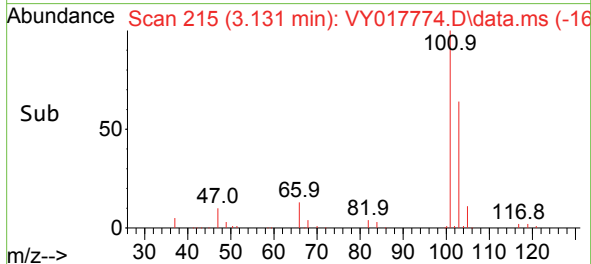
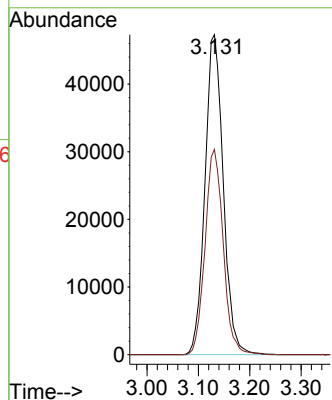
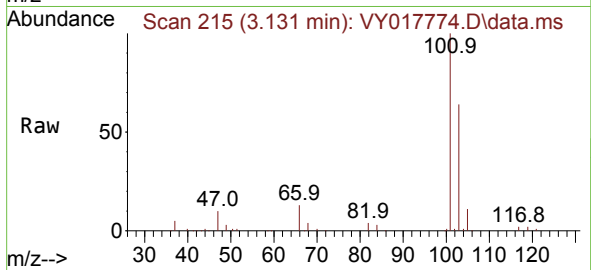




#7
Trichlorofluoromethane
Concen: 53.387 ug/l
RT: 3.131 min Scan# 218
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

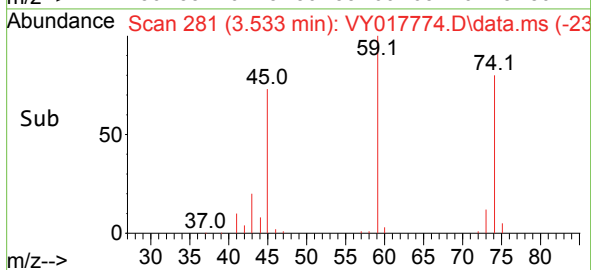
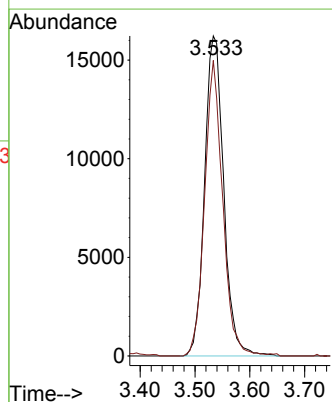
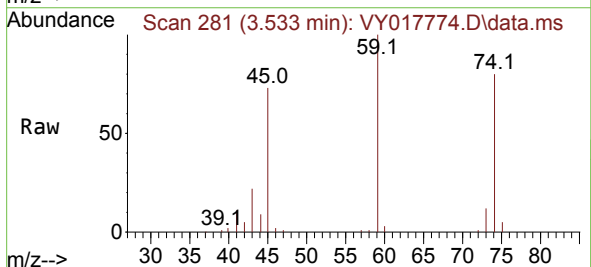
Instrument :
MSVOA_Y
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VSTDCCC050EC

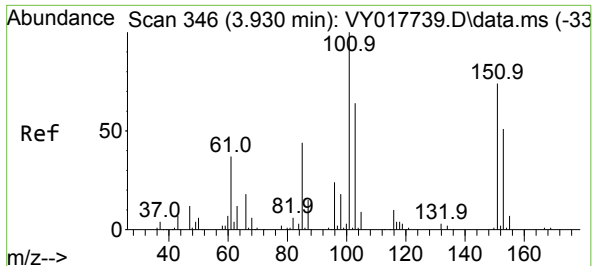
Tgt Ion:101 Resp: 116962
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9



#8
Diethyl Ether
Concen: 54.326 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 74 Resp: 39239
Ion Ratio Lower Upper
74 100
45 87.5 41.3 124.1

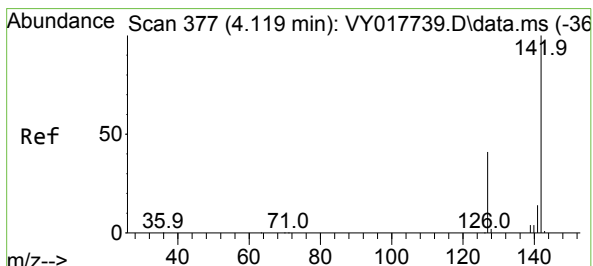
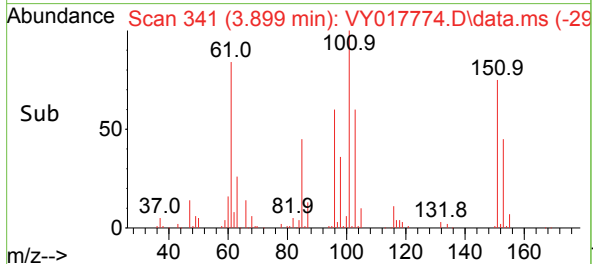
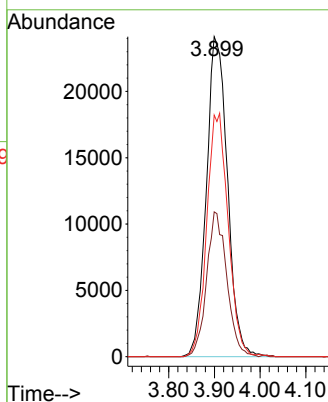
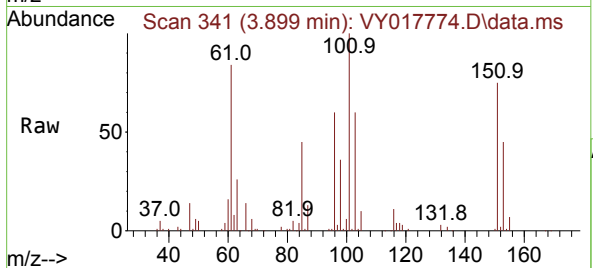




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.664 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.031 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

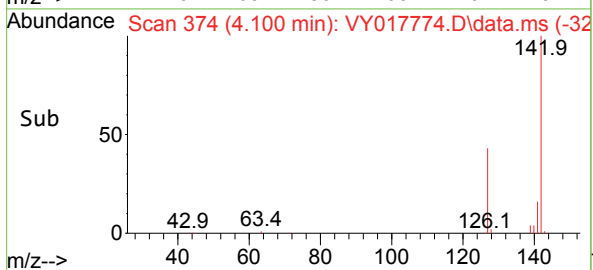
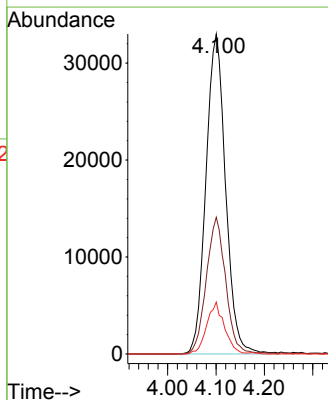
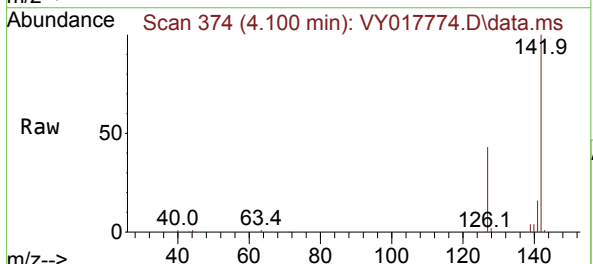
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

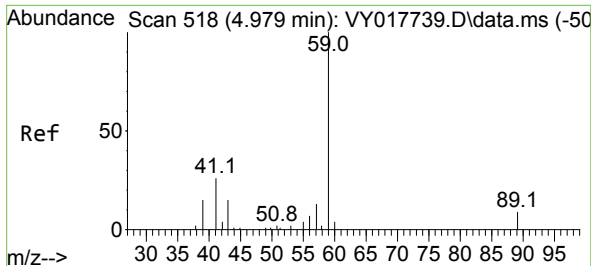
Tgt Ion:101 Resp: 77455
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 77.2 61.7 92.5



#10
Methyl Iodide
Concen: 48.840 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion:142 Resp: 93111
Ion Ratio Lower Upper
142 100
127 42.0 32.8 49.2
141 14.6 11.4 17.2

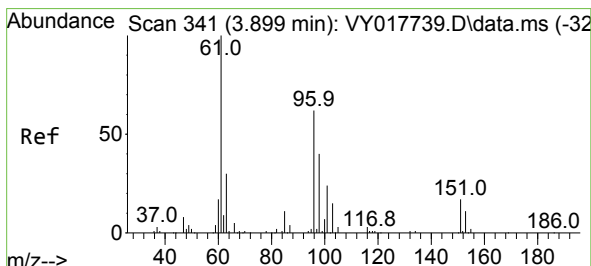
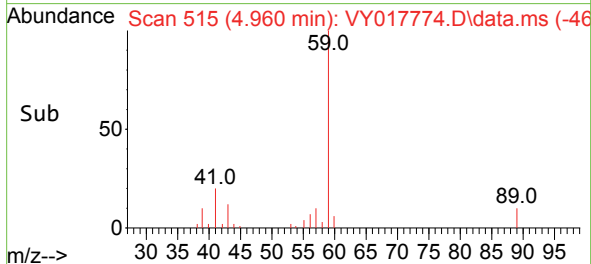
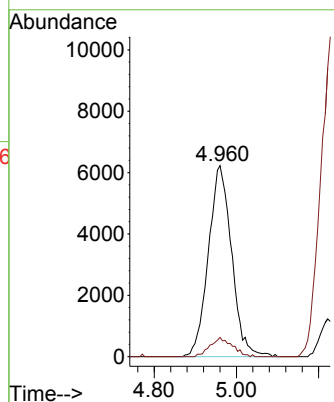
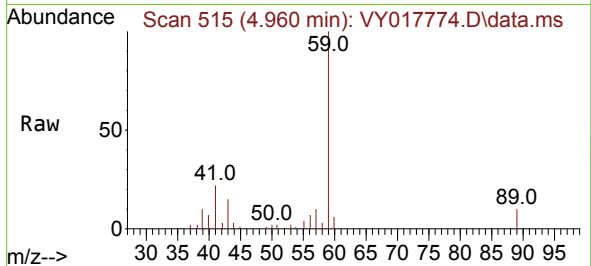




#11
Tert butyl alcohol
Concen: 274.468 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

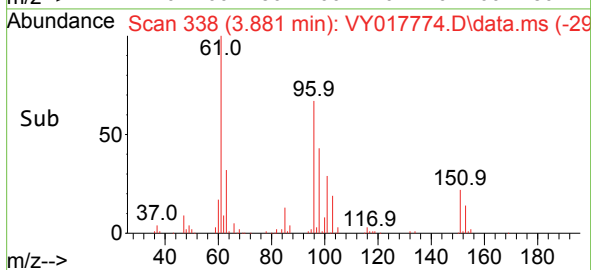
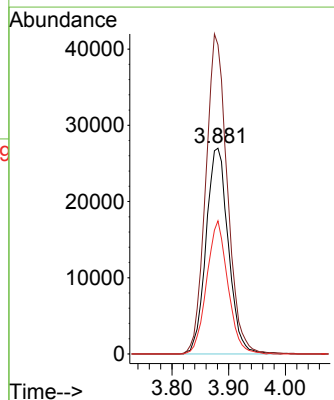
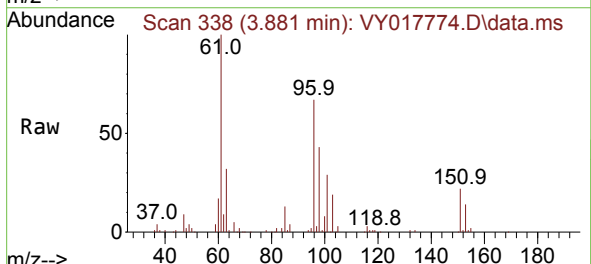
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

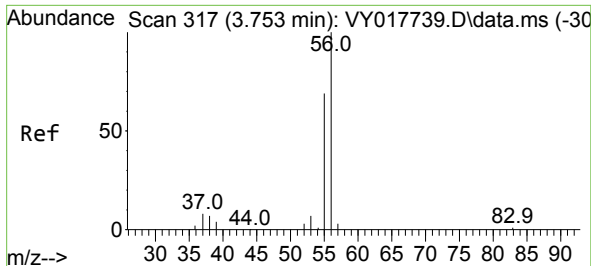
Tgt Ion: 59 Resp: 24447
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.265 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 96 Resp: 73738
Ion Ratio Lower Upper
96 100
61 150.2 114.6 171.8
98 64.7 50.8 76.2





#13

Acrolein

Concen: 261.254 ug/l

RT: 3.735 min Scan# 317

Delta R.T. -0.018 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

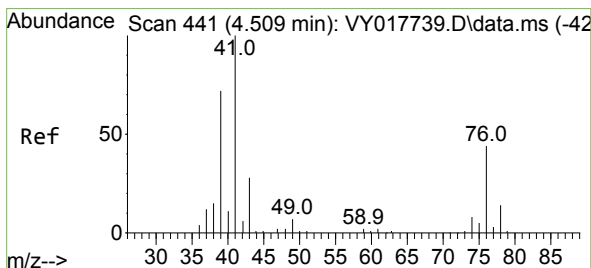
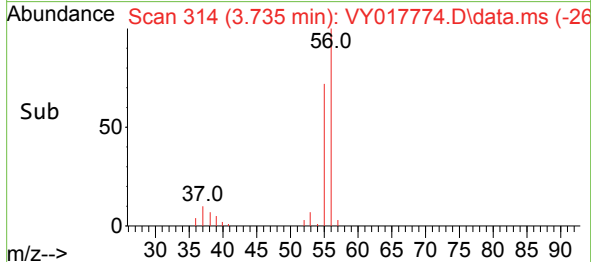
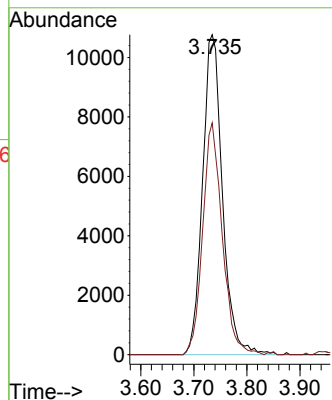
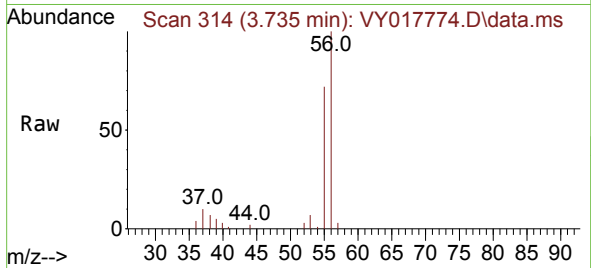
VSTDCCC050EC

Tgt Ion: 56 Resp: 28050

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 48.901 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.019 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

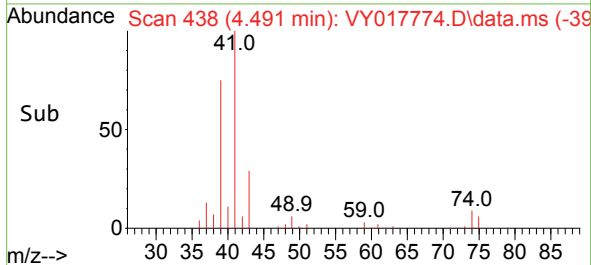
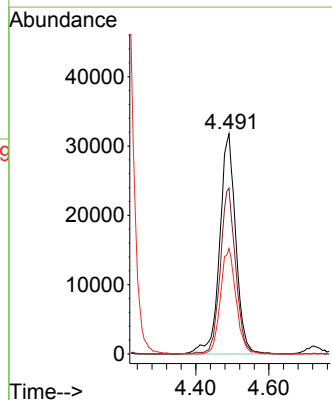
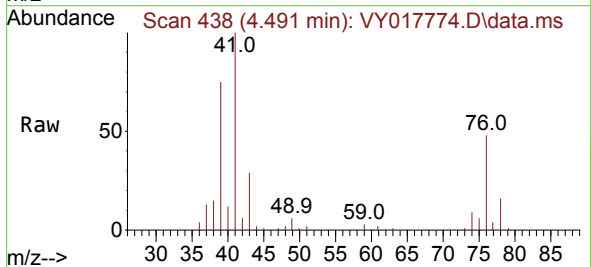
Tgt Ion: 41 Resp: 97220

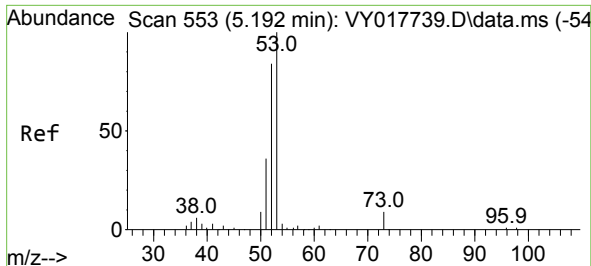
Ion Ratio Lower Upper

41 100

39 70.3 58.3 87.5

76 46.4 39.0 58.6

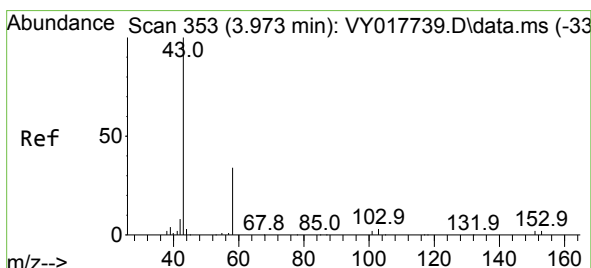
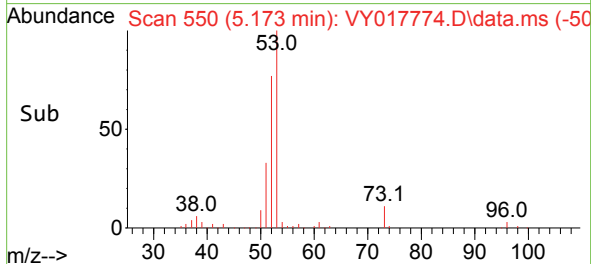
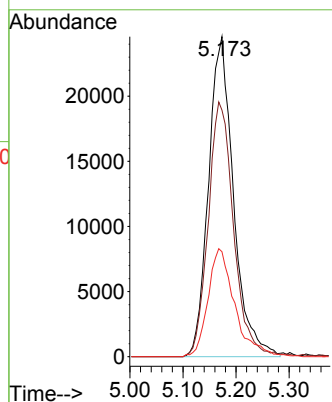
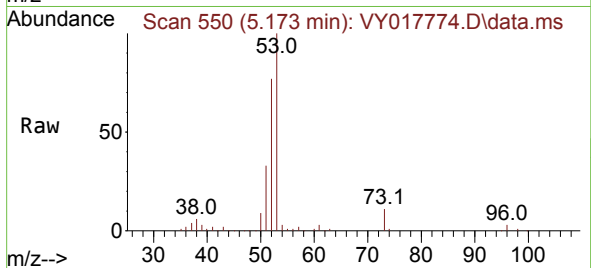




#15
Acrylonitrile
Concen: 268.580 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

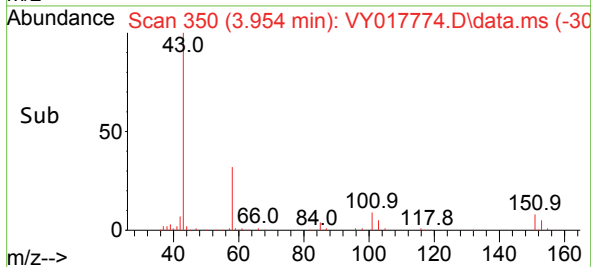
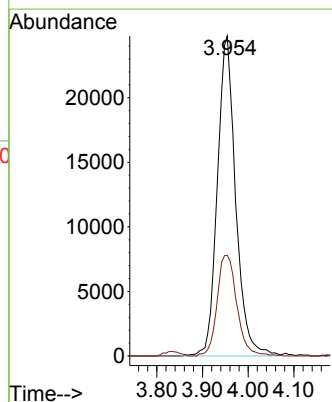
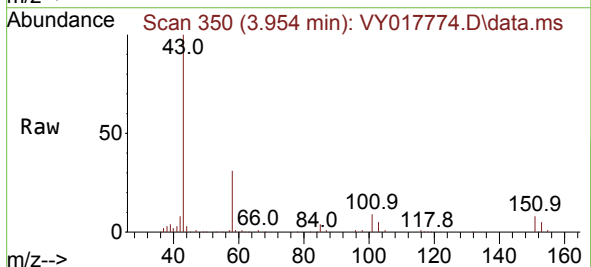
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

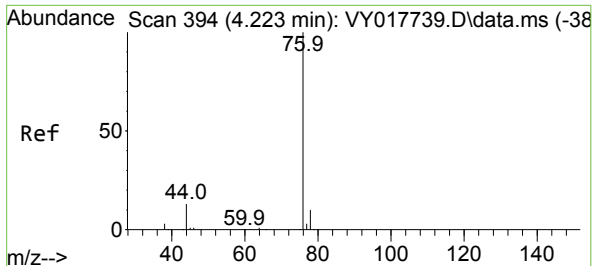
Tgt Ion: 53 Resp: 80363
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 36.3 28.4 42.6



#16
Acetone
Concen: 294.657 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 43 Resp: 69016
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#





#17

Carbon Disulfide

Concen: 47.285 ug/l

RT: 4.198 min Scan# 394

Delta R.T. -0.025 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

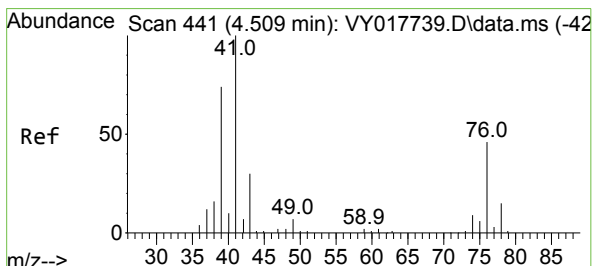
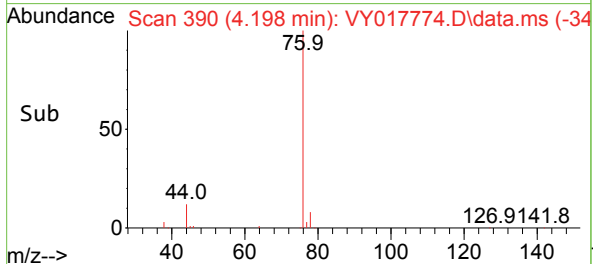
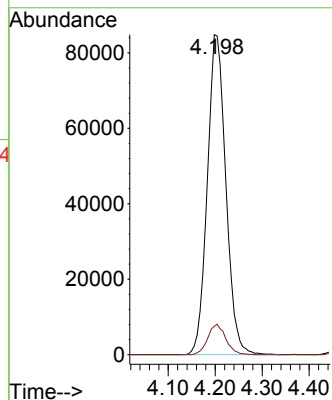
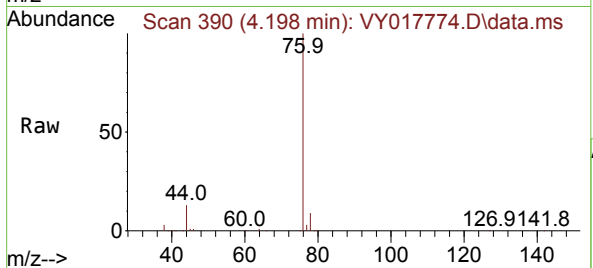
VSTDCCC050EC

Tgt Ion: 76 Resp: 232107

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 54.182 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.025 min

Lab File: VY017774.D

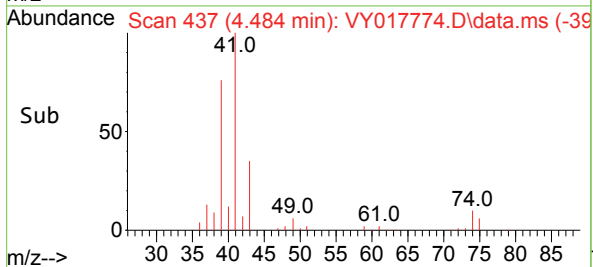
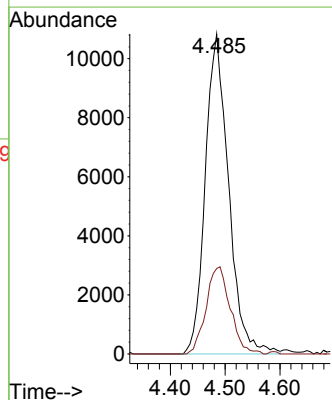
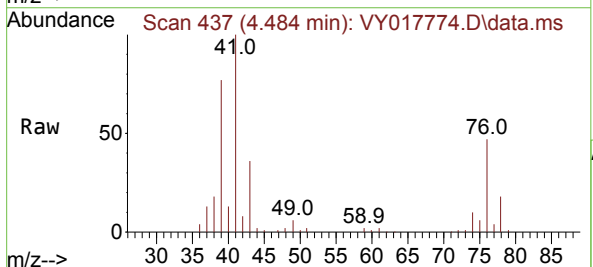
Acq: 26 Mar 2024 16:57

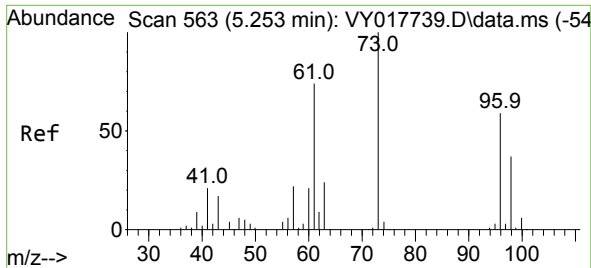
Tgt Ion: 43 Resp: 31952

Ion Ratio Lower Upper

43 100

74 28.2 23.3 34.9

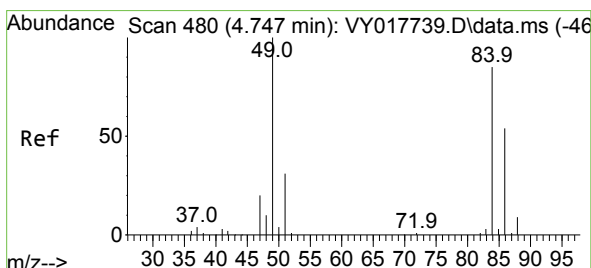
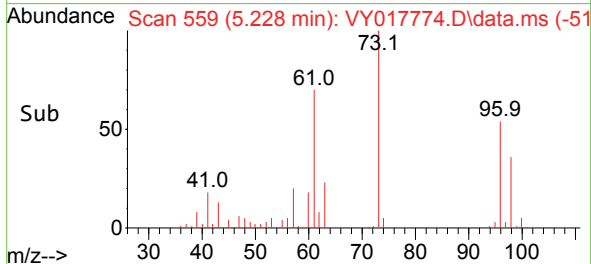
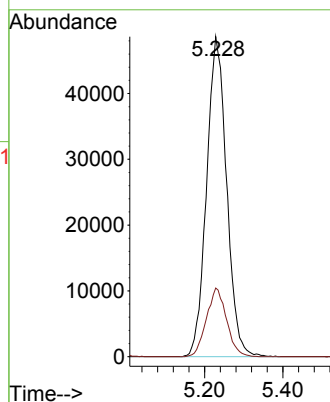
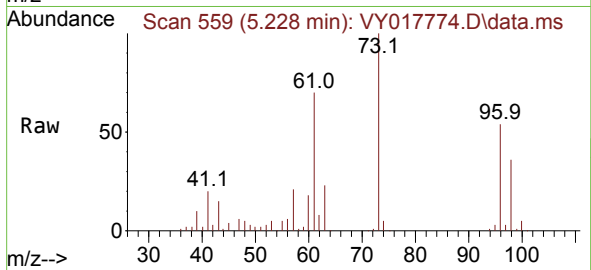




#19
Methyl tert-butyl Ether
Concen: 54.525 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

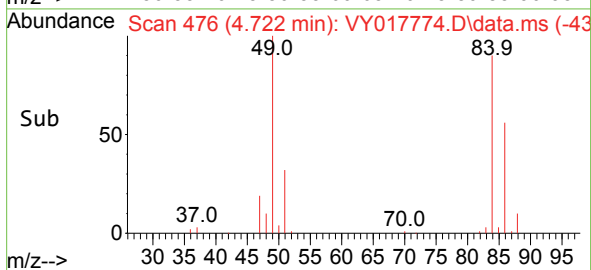
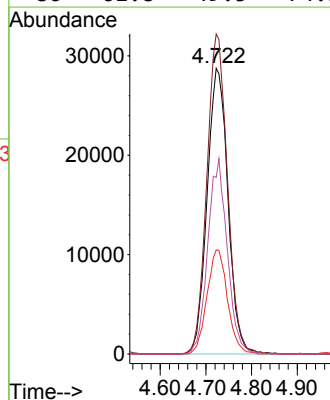
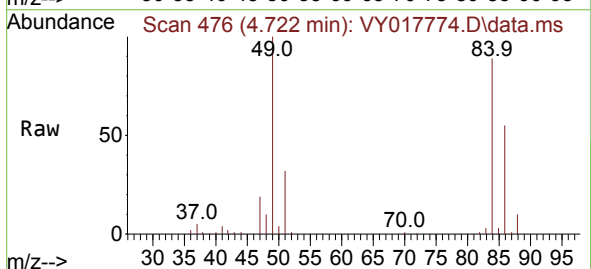
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

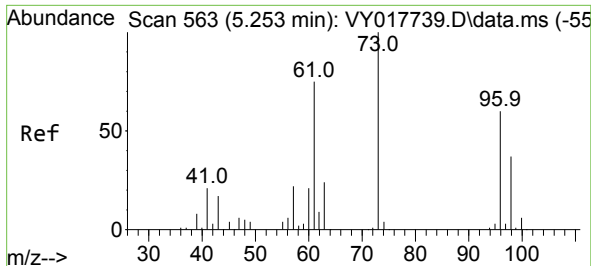
Tgt Ion: 73 Resp: 172465
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 53.416 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.025 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 84 Resp: 90991
Ion Ratio Lower Upper
84 100
49 112.0 84.4 126.6
51 36.4 26.0 39.0
86 61.8 49.5 74.3

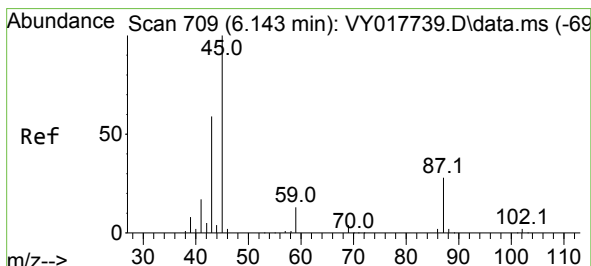
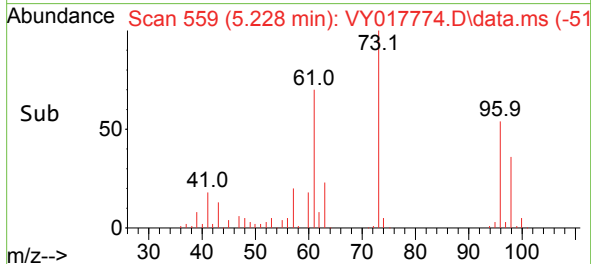
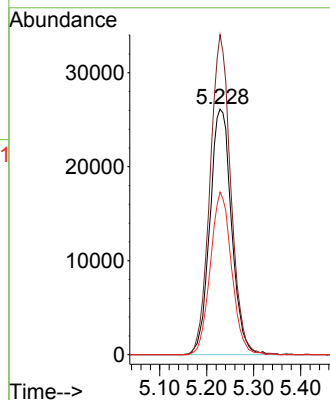
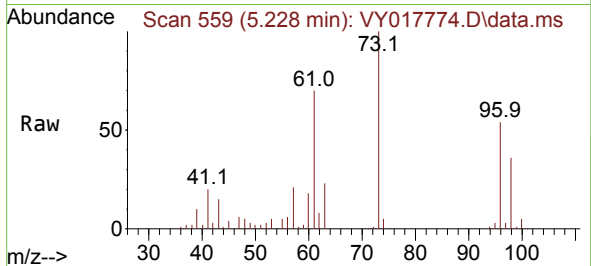




#21
trans-1,2-Dichloroethene
Concen: 50.031 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

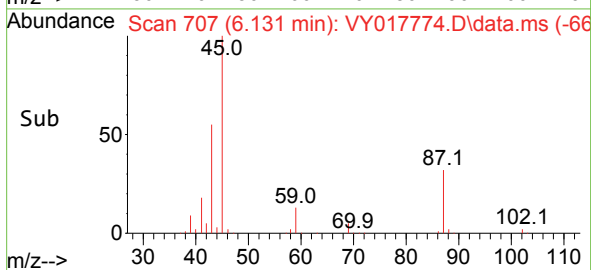
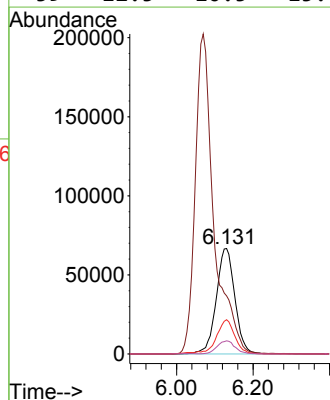
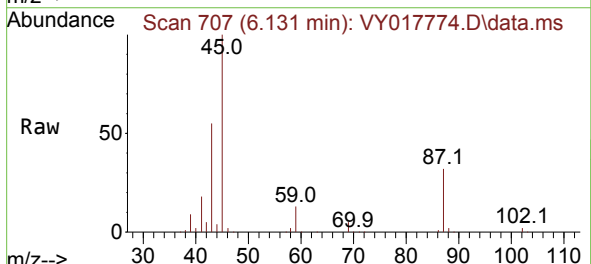
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

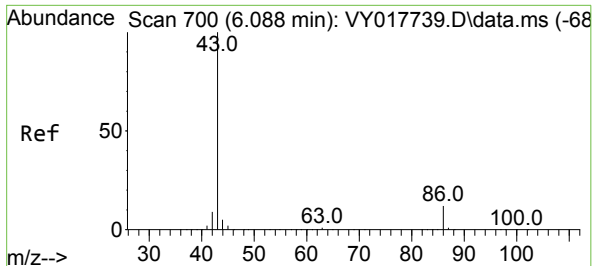
Tgt Ion: 96 Resp: 83672
Ion Ratio Lower Upper
96 100
61 130.3 97.5 146.3
98 66.2 50.5 75.7



#22
Diisopropyl ether
Concen: 52.103 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 45 Resp: 225540
Ion Ratio Lower Upper
45 100
43 54.7 42.2 63.2
87 32.5 25.0 37.6
59 12.5 10.5 15.7

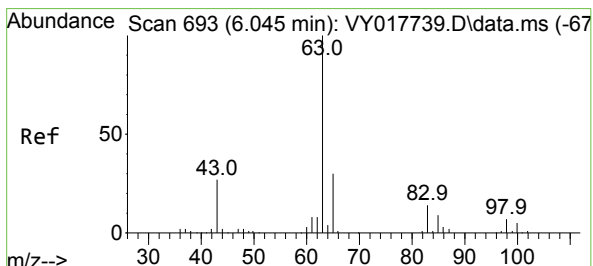
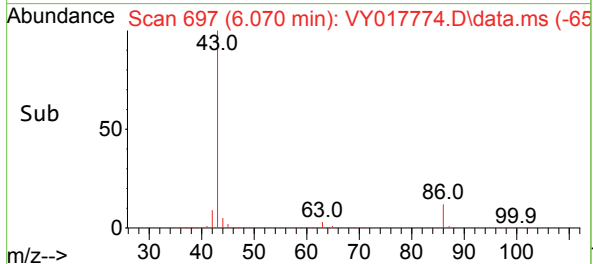
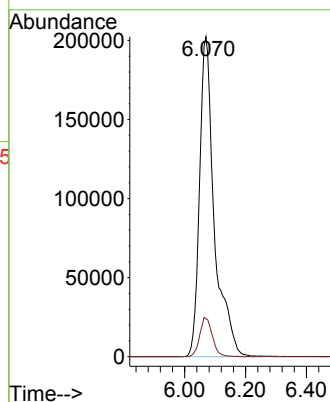
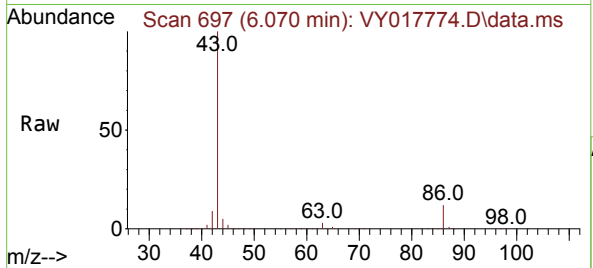




#23
 Vinyl Acetate
 Concen: 269.612 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VY017774.D
 Acq: 26 Mar 2024 16:57

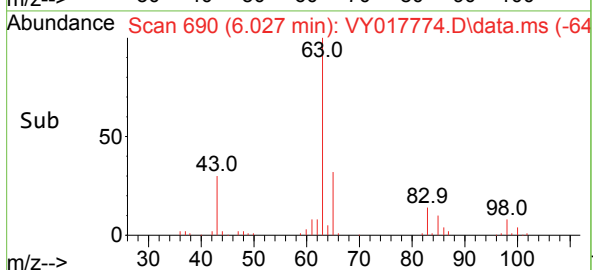
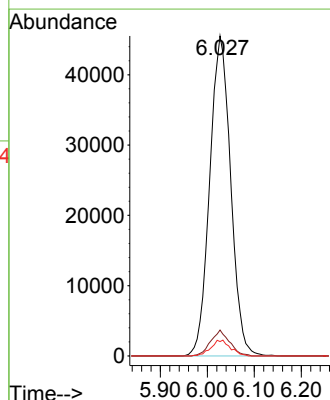
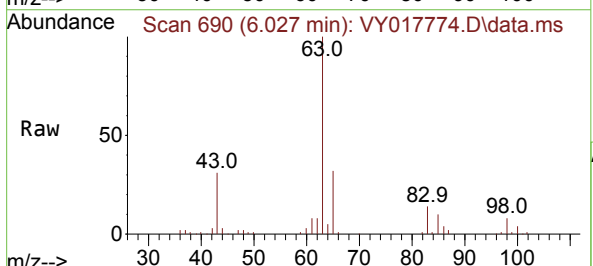
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

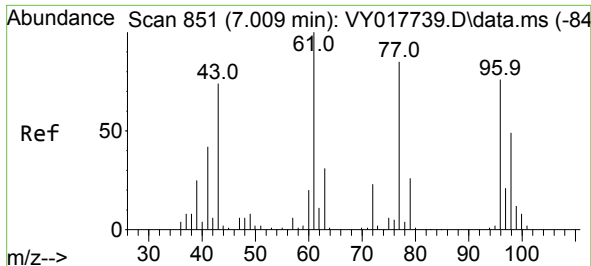
Tgt Ion: 43 Resp: 685480
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.549 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.018 min
 Lab File: VY017774.D
 Acq: 26 Mar 2024 16:57

Tgt Ion: 63 Resp: 140979
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 252.869 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.013 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

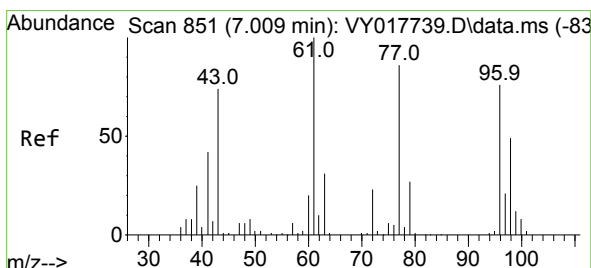
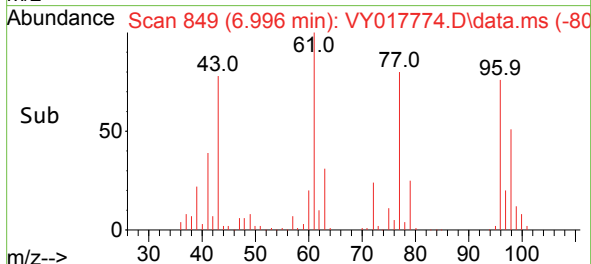
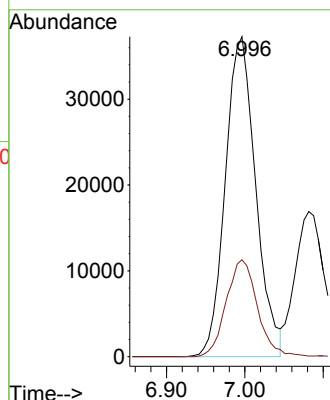
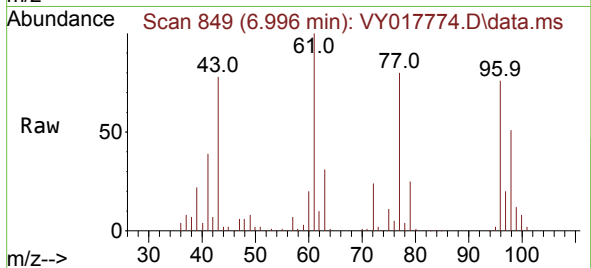
VSTDCCC050EC

Tgt Ion: 43 Resp: 100648

Ion Ratio Lower Upper

43 100

72 30.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.173 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.019 min

Lab File: VY017774.D

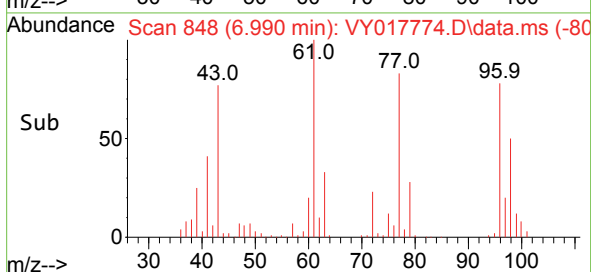
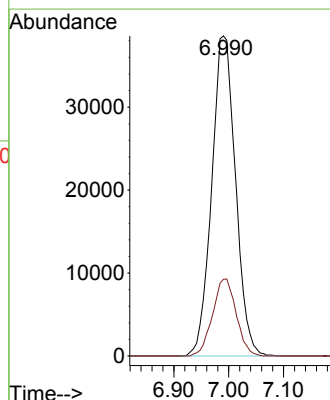
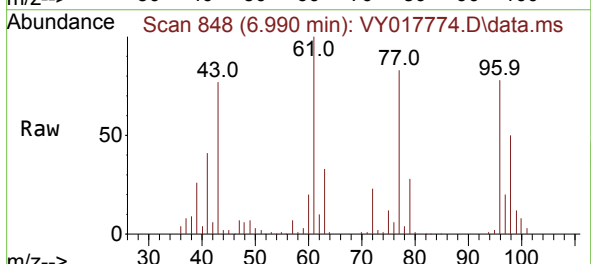
Acq: 26 Mar 2024 16:57

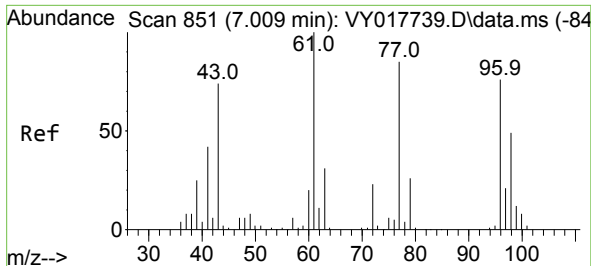
Tgt Ion: 77 Resp: 116505

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.204 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

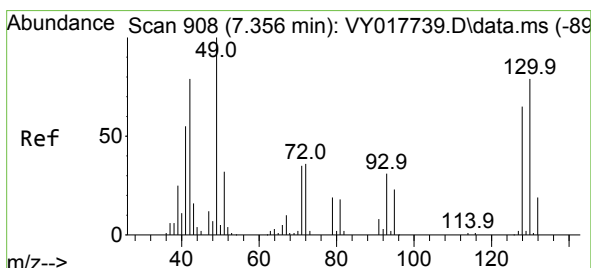
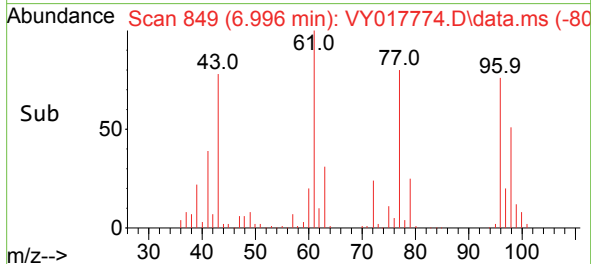
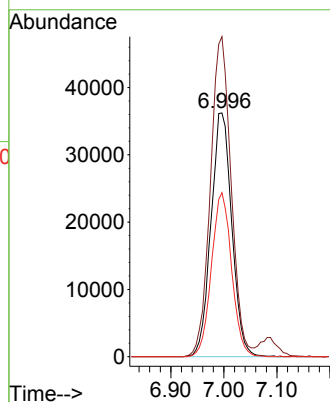
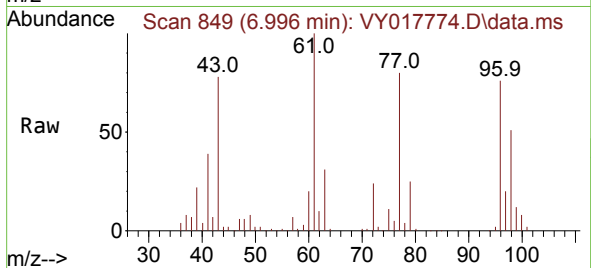
Tgt Ion: 96 Resp: 98755

Ion Ratio Lower Upper

96 100

61 130.4 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 53.061 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

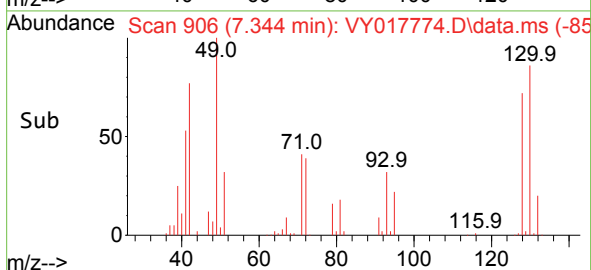
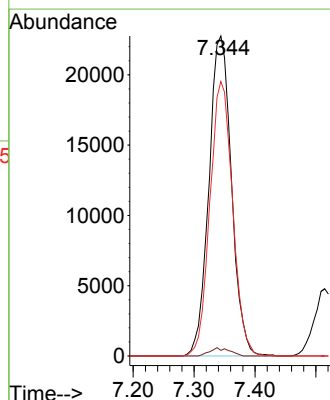
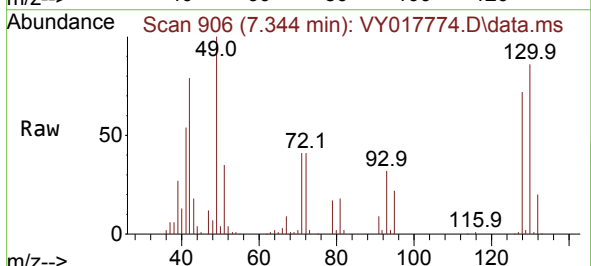
Tgt Ion: 49 Resp: 58528

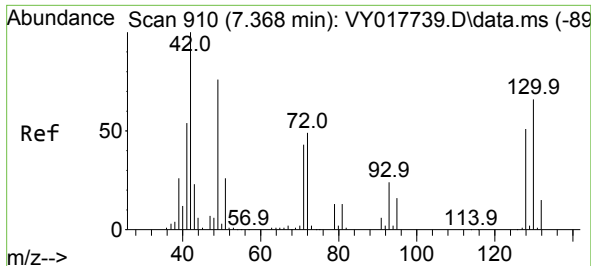
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.2 72.7 109.1

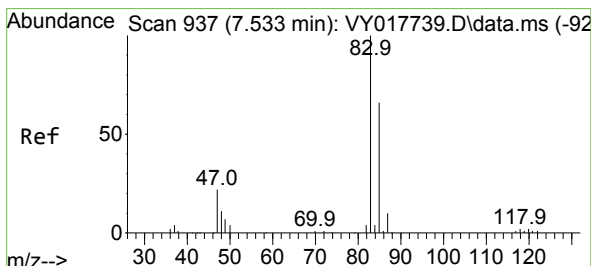
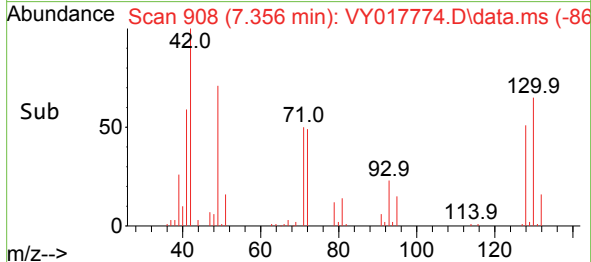
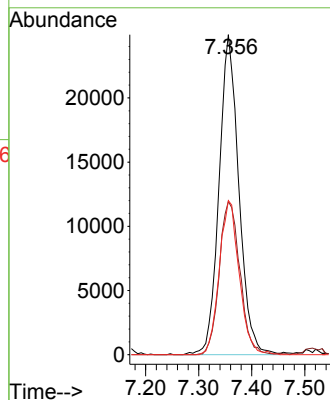
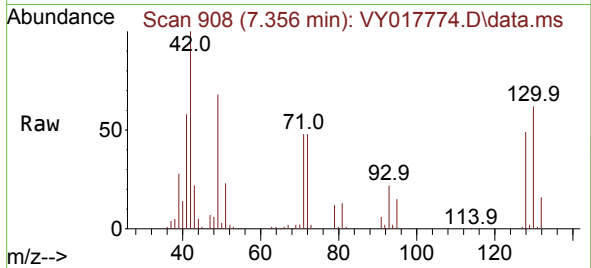




#29
Tetrahydrofuran
Concen: 258.286 ug/l
RT: 7.356 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

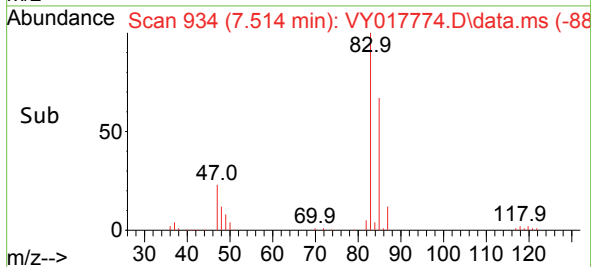
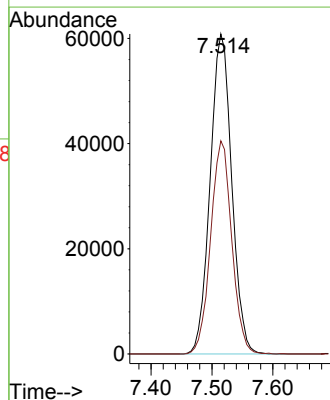
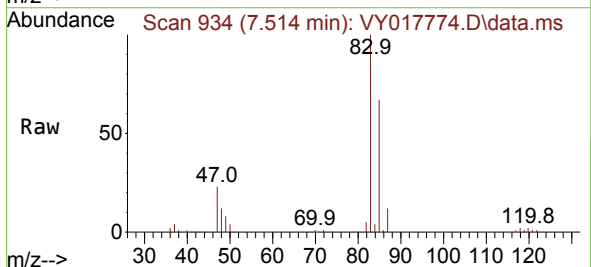
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

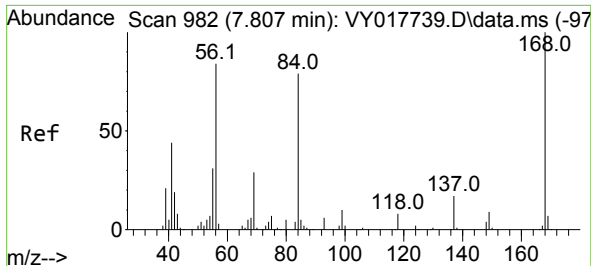
Tgt Ion: 42 Resp: 64670
Ion Ratio Lower Upper
42 100
72 49.8 43.0 64.4
71 48.5 40.8 61.2



#30
Chloroform
Concen: 50.732 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.018 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 83 Resp: 149637
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.4

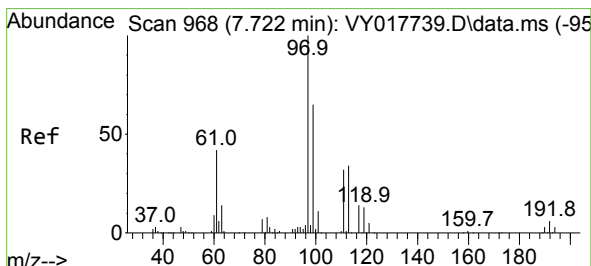
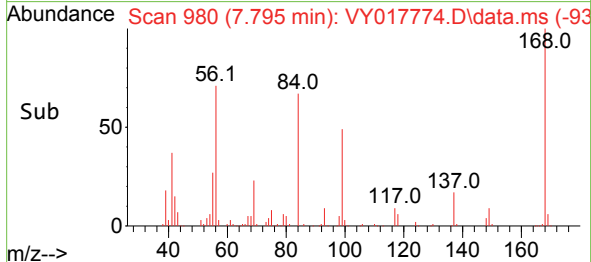
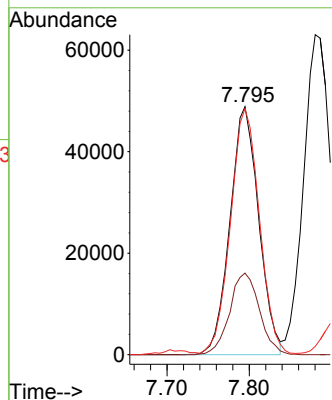
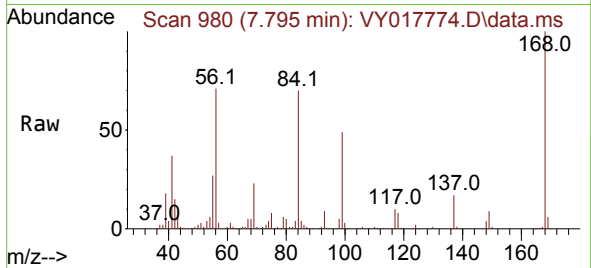




#31
Cyclohexane
Concen: 44.901 ug/l
RT: 7.795 min Scan# 918
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

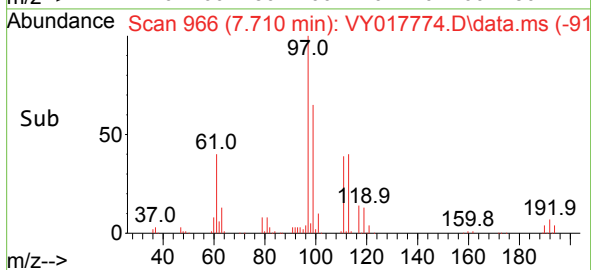
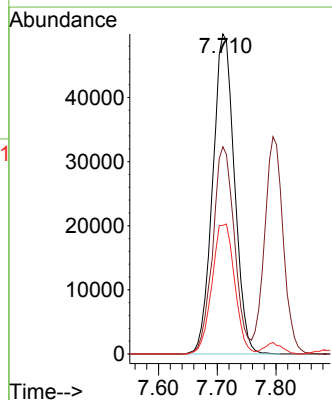
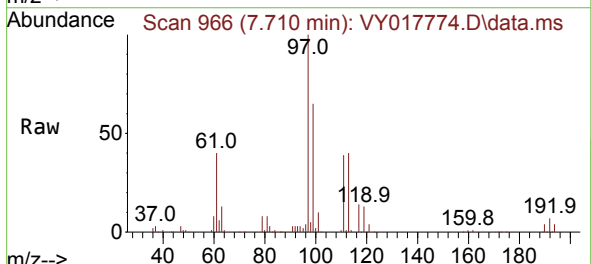
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

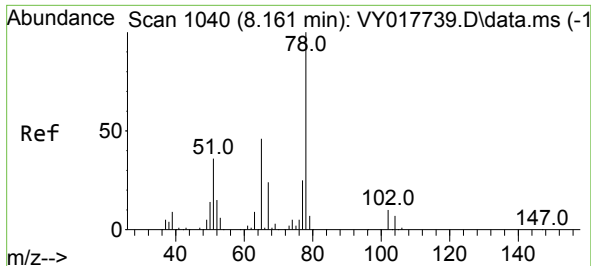
Tgt Ion: 56 Resp: 118920
Ion Ratio Lower Upper
56 100
69 32.9 28.7 43.1
84 97.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.933 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 97 Resp: 128267
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 42.5 32.6 48.8

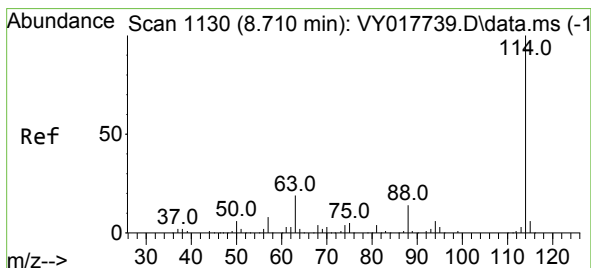
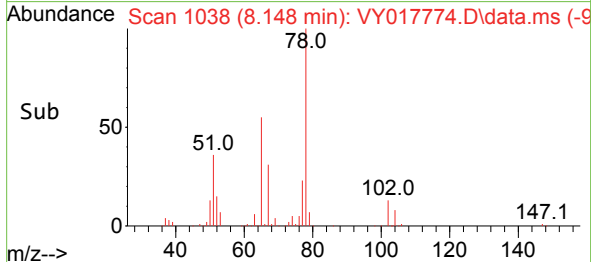
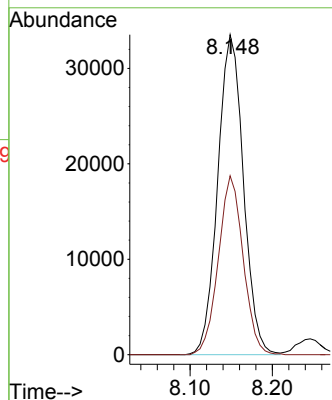
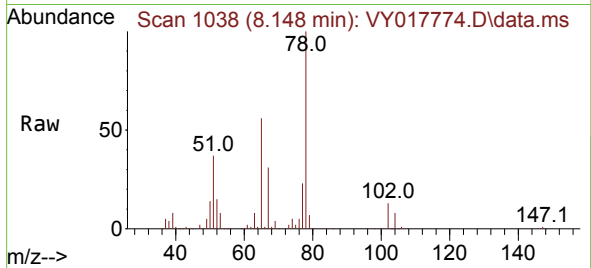




#33
1,2-Dichloroethane-d4
Concen: 54.445 ug/l
RT: 8.148 min Scan# 110
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

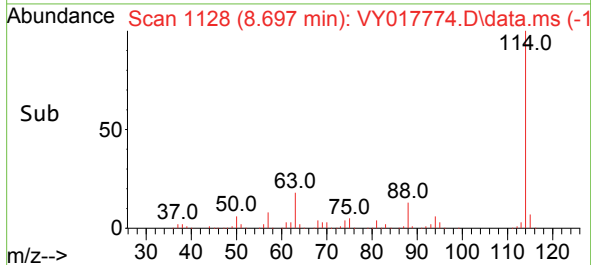
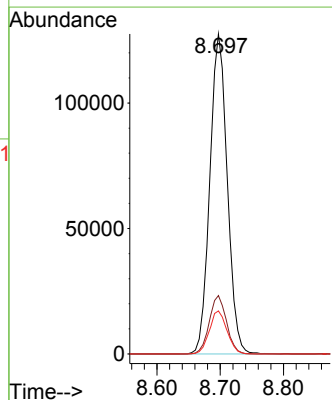
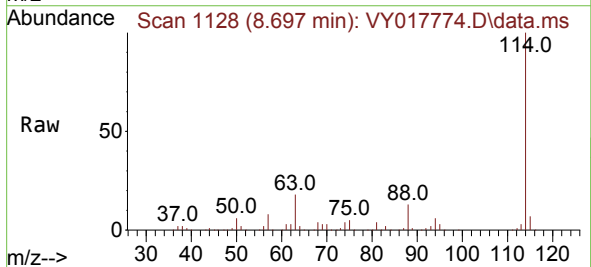
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

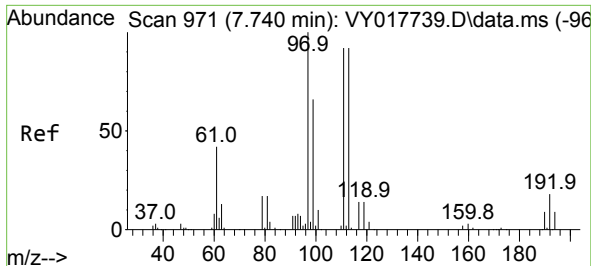
Tgt Ion: 65 Resp: 72908
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion:114 Resp: 243889
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 13.4 0.0 27.2

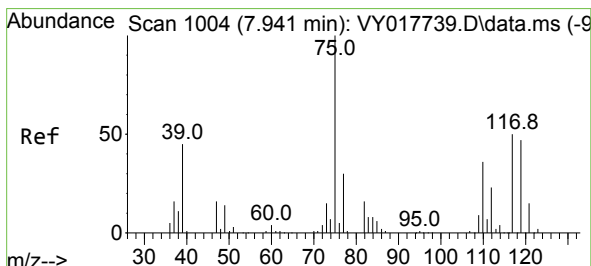
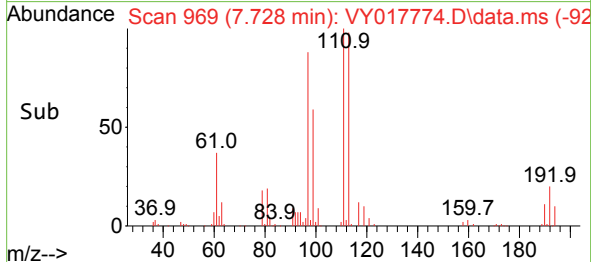
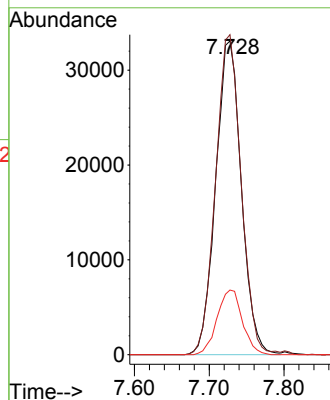
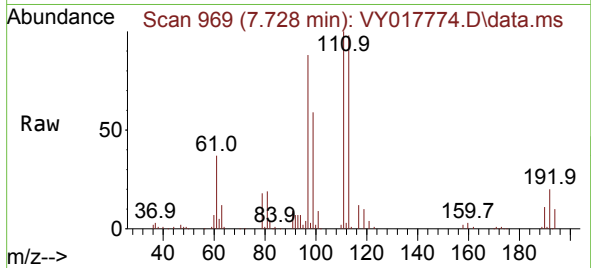




#35
Dibromofluoromethane
Concen: 54.131 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

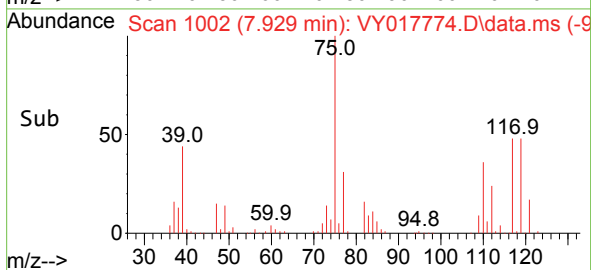
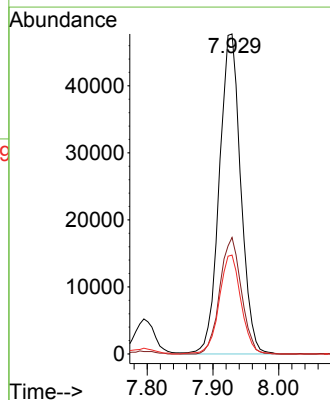
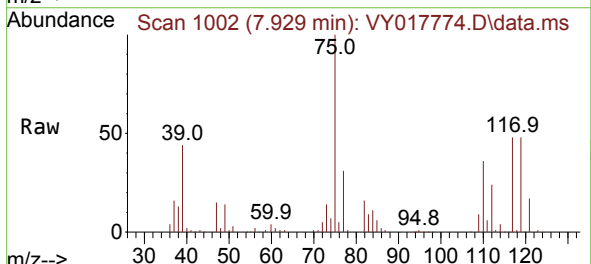
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

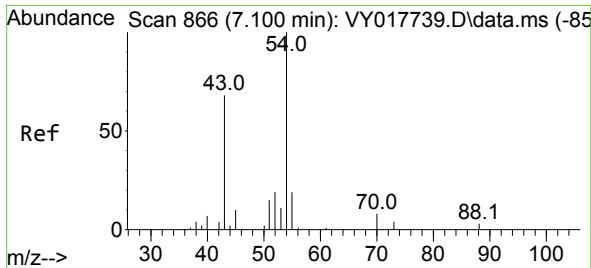
Tgt Ion:113 Resp: 78915
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.073 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 75 Resp: 108273
Ion Ratio Lower Upper
75 100
110 36.5 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 53.234 ug/l

RT: 7.082 min Scan# 8

Delta R.T. -0.019 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

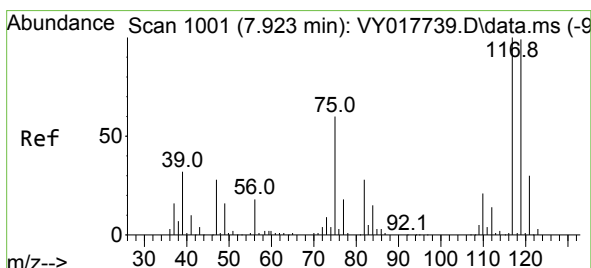
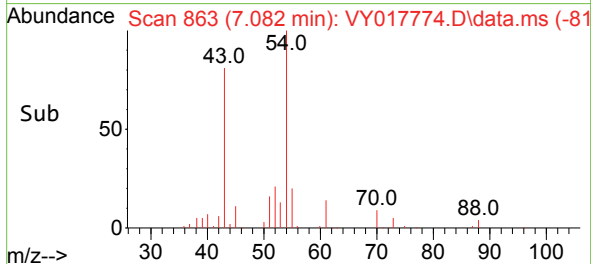
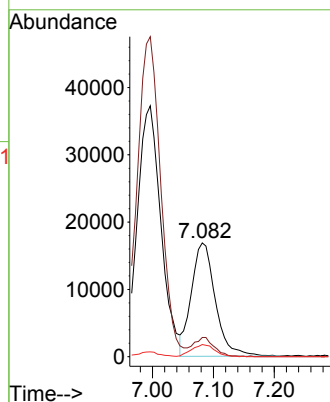
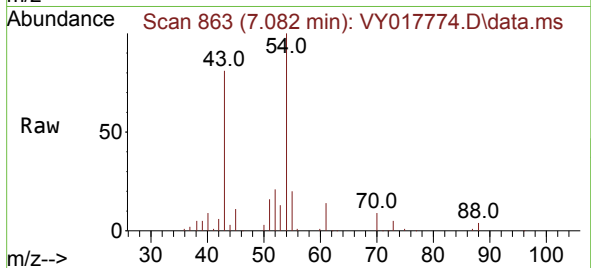
Tgt Ion: 43 Resp: 46071

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.789 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

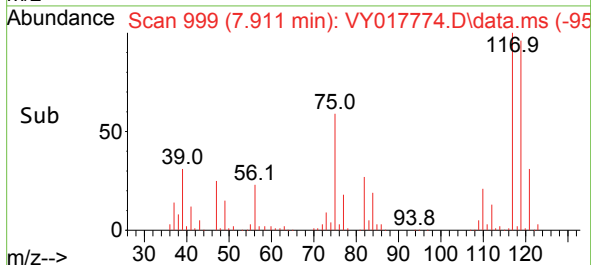
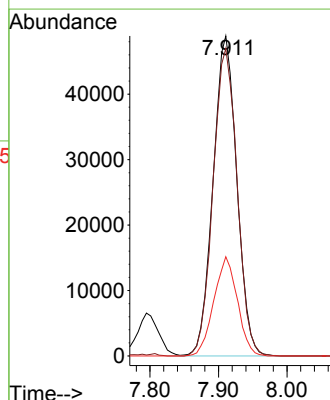
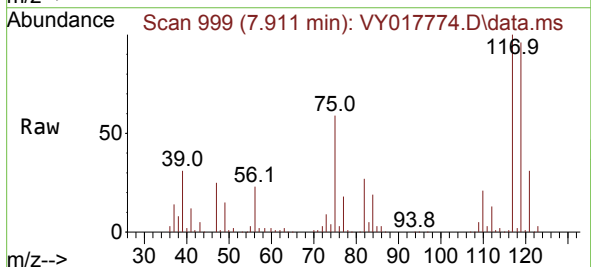
Tgt Ion:117 Resp: 117416

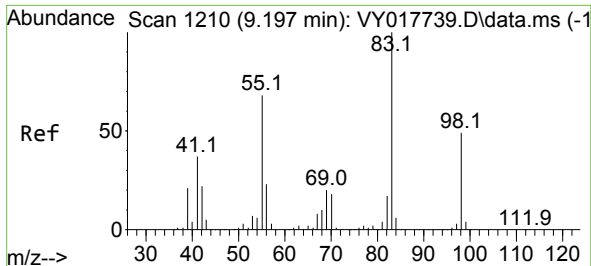
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 48.819 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

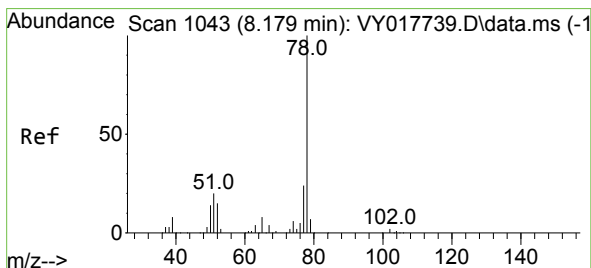
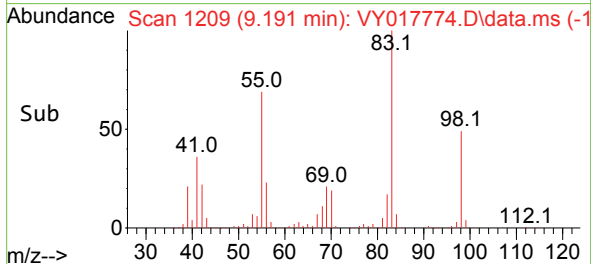
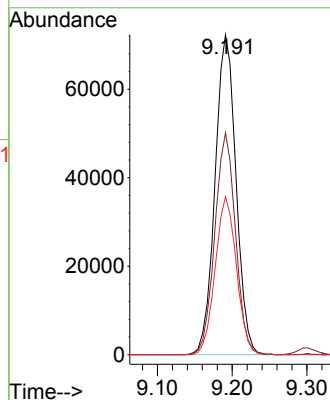
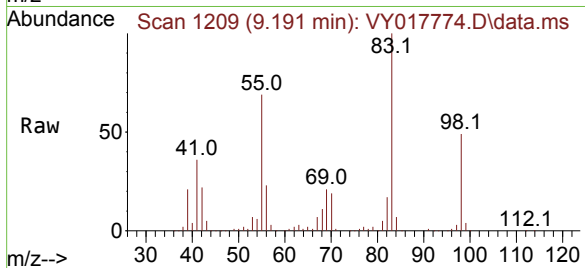
Tgt Ion: 83 Resp: 141147

Ion Ratio Lower Upper

83 100

55 69.3 51.5 77.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 50.667 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VY017774.D

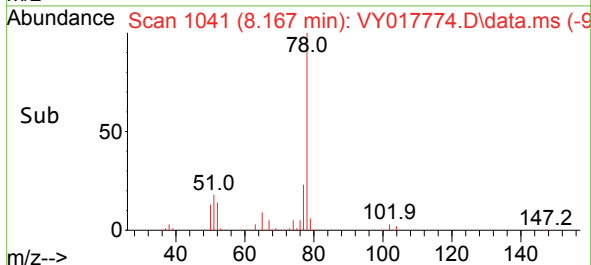
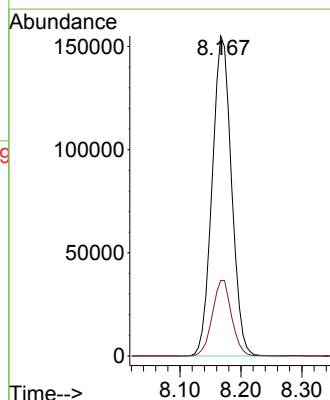
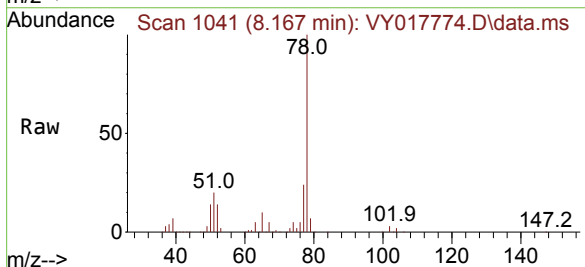
Acq: 26 Mar 2024 16:57

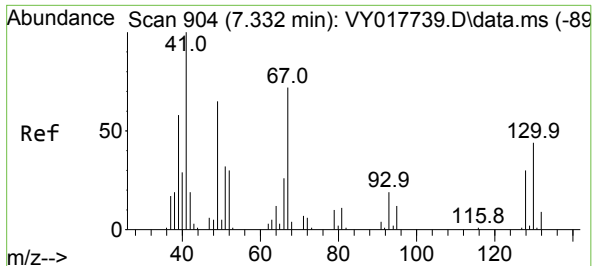
Tgt Ion: 78 Resp: 341589

Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3

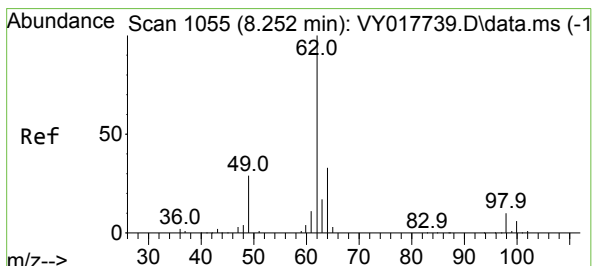
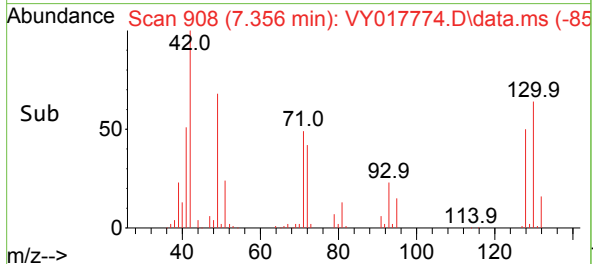
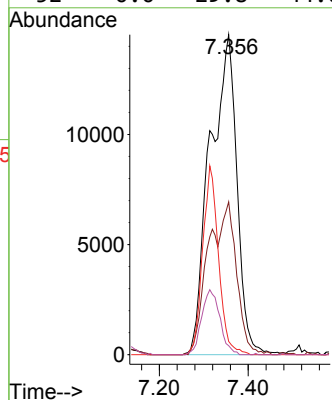
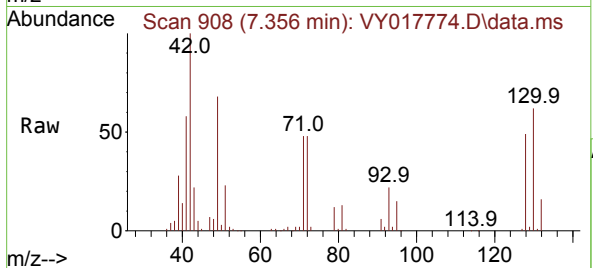




#41
Methacrylonitrile
Concen: 142.341 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

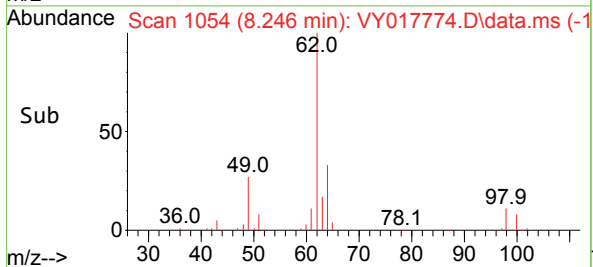
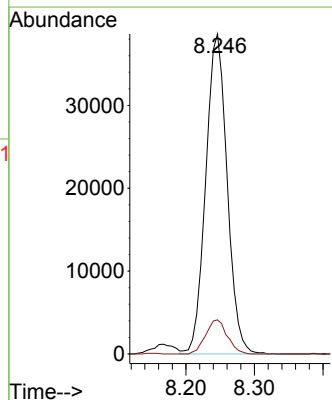
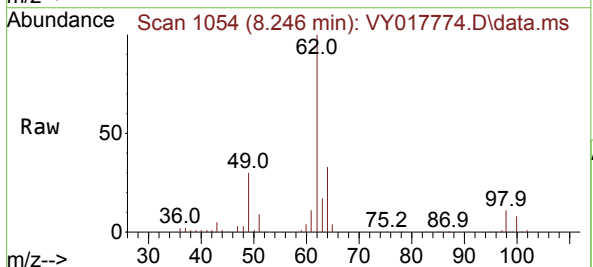
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

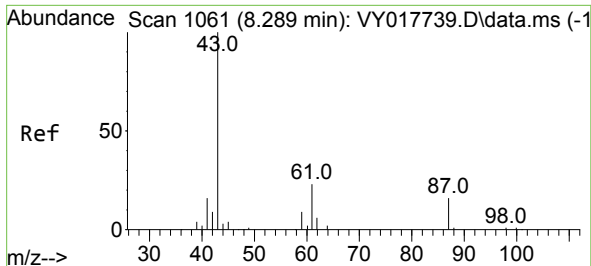
Tgt Ion: 41 Resp: 60851
Ion Ratio Lower Upper
41 100
39 25.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.946 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 62 Resp: 83883
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

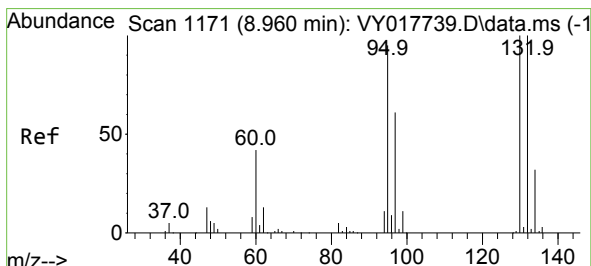
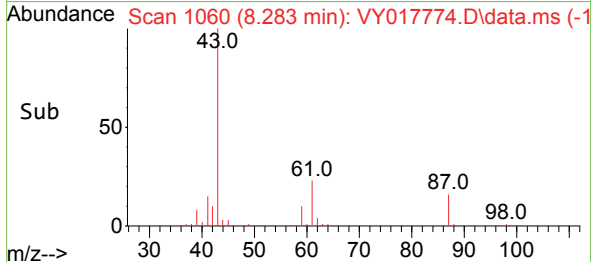
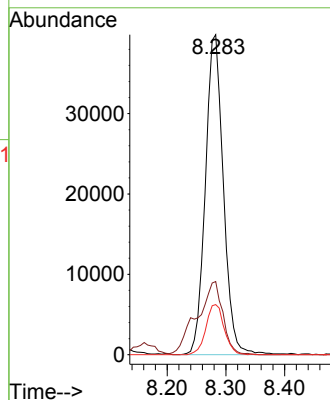
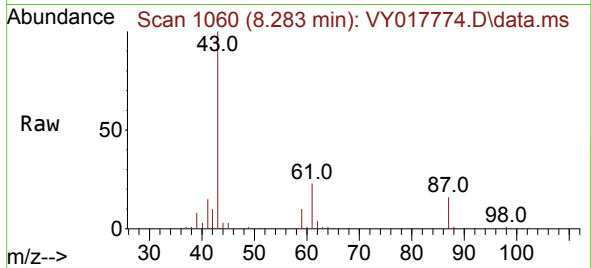




#43
Isopropyl Acetate
Concen: 49.605 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

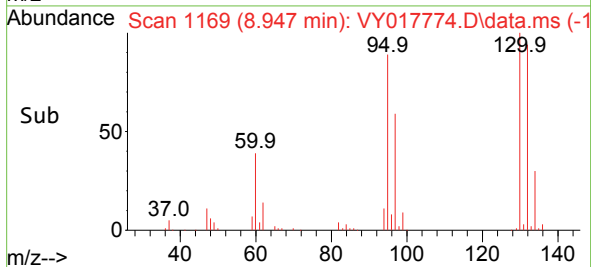
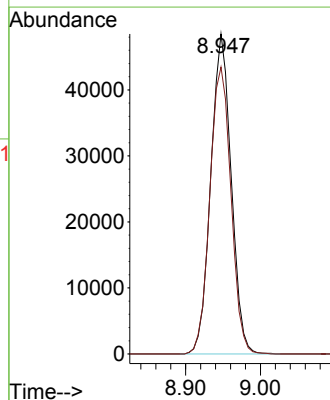
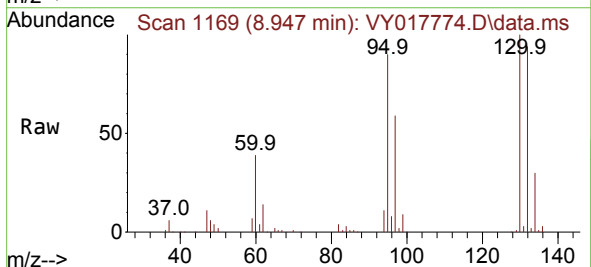
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

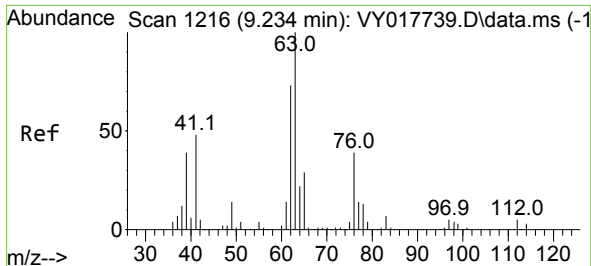
Tgt Ion: 43 Resp: 84925
Ion Ratio Lower Upper
43 100
61 32.8 27.9 41.9
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 52.135 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 130 Resp: 91937
Ion Ratio Lower Upper
130 100
95 89.6 0.0 188.0

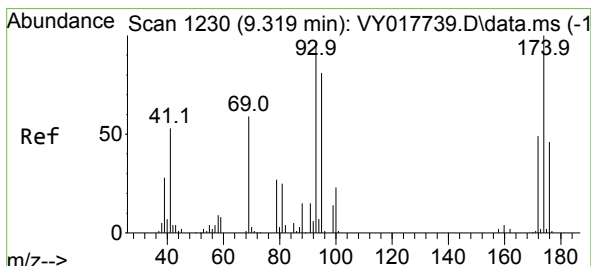
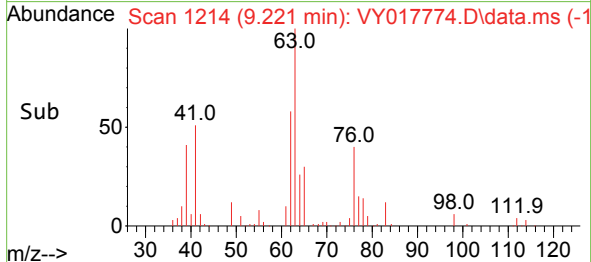
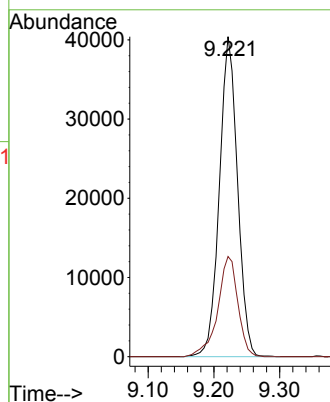
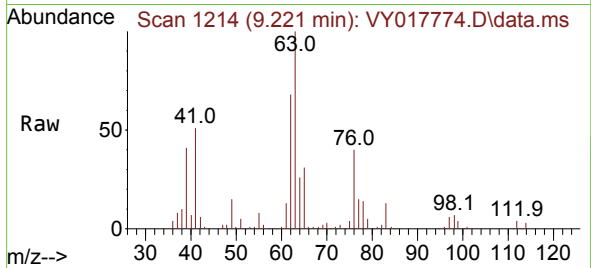




#45
1,2-Dichloropropane
Concen: 50.470 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

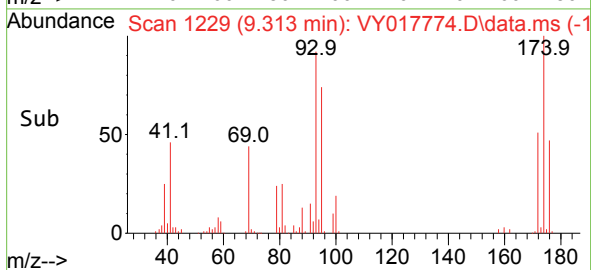
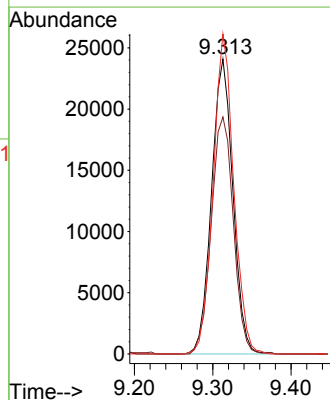
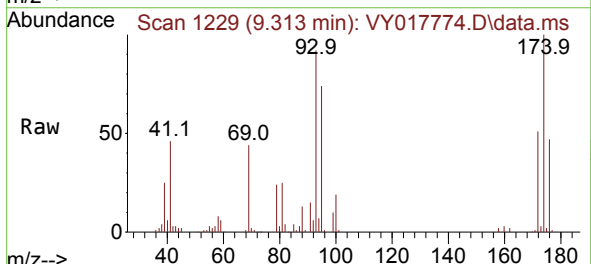
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

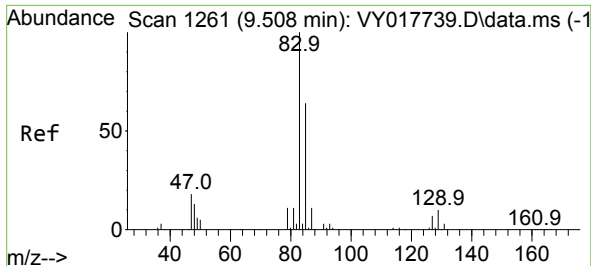
Tgt Ion: 63 Resp: 77527
Ion Ratio Lower Upper
63 100
65 31.3 25.4 38.2



#46
Dibromomethane
Concen: 53.247 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 93 Resp: 45579
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 104.8 80.9 121.3

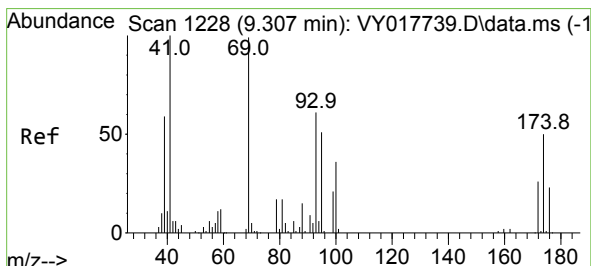
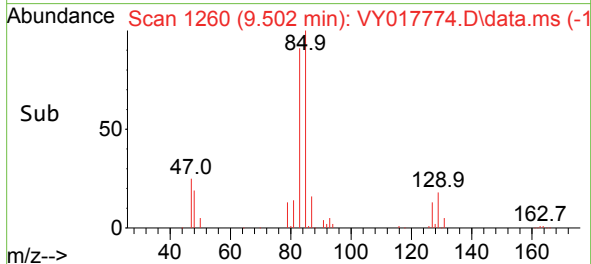
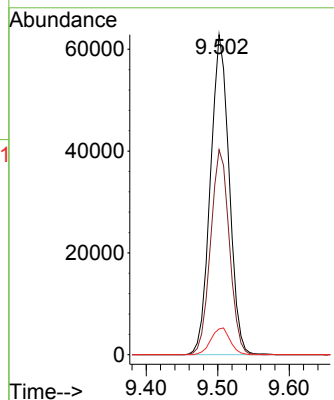
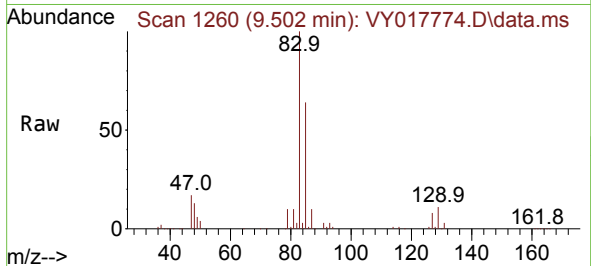




#47
Bromodichloromethane
Concen: 52.190 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

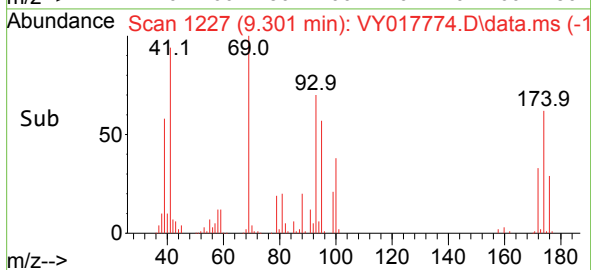
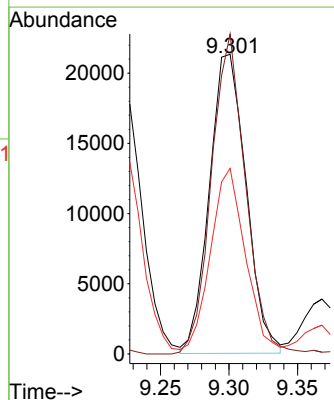
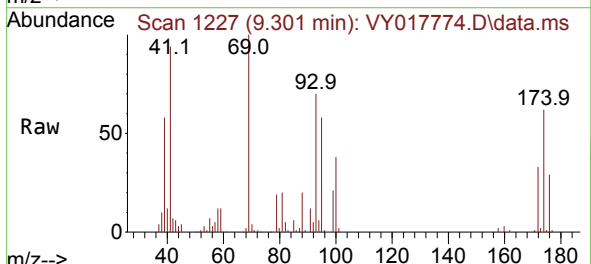
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

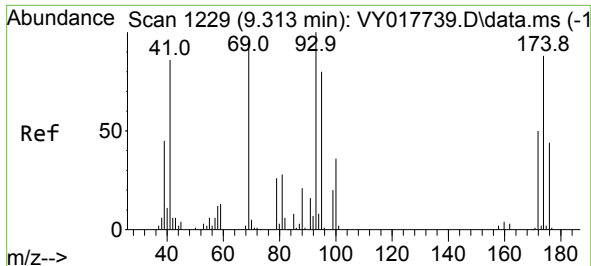
Tgt Ion: 83 Resp: 114230
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 49.945 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 41 Resp: 39779
Ion Ratio Lower Upper
41 100
69 99.9 84.1 126.1
39 56.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1136.999 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

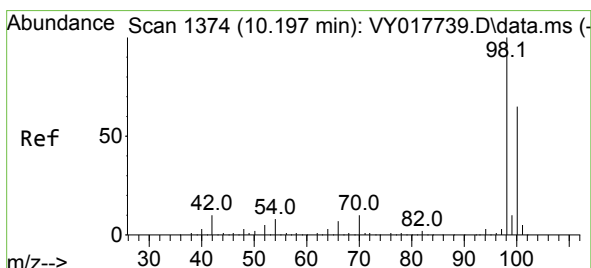
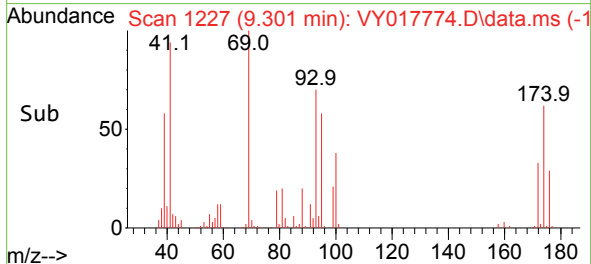
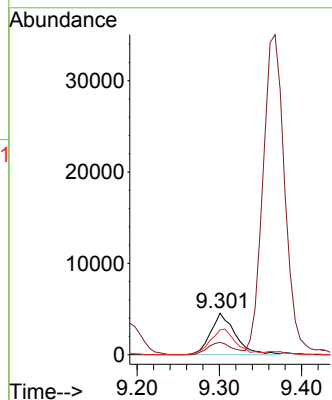
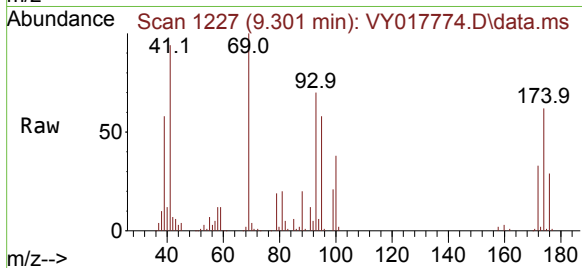
Tgt Ion: 88 Resp: 9470

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 63.9 49.3 73.9



#50

Toluene-d8

Concen: 53.503 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017774.D

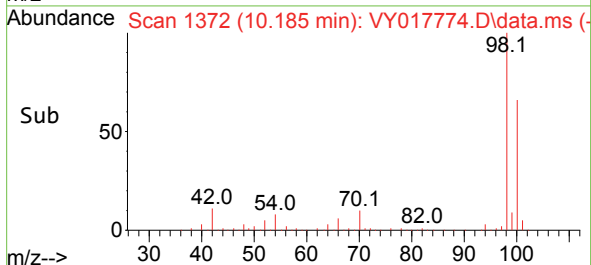
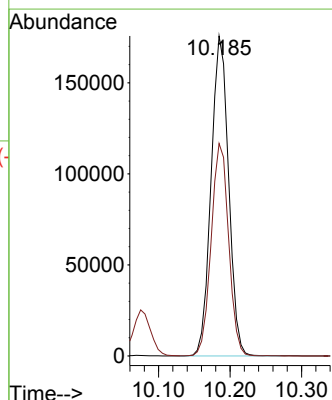
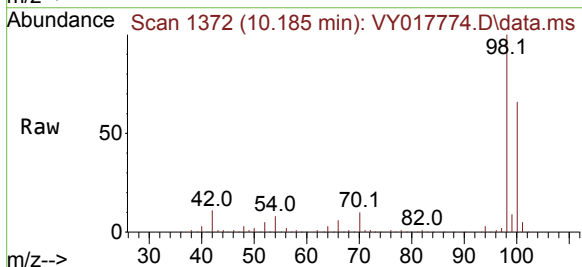
Acq: 26 Mar 2024 16:57

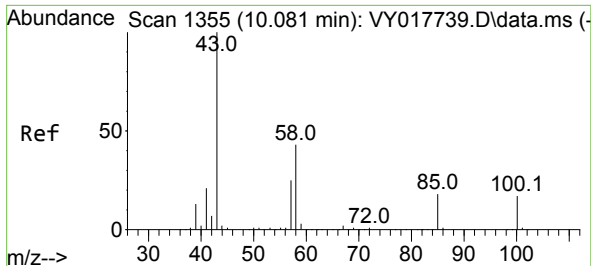
Tgt Ion: 98 Resp: 298526

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 251.265 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

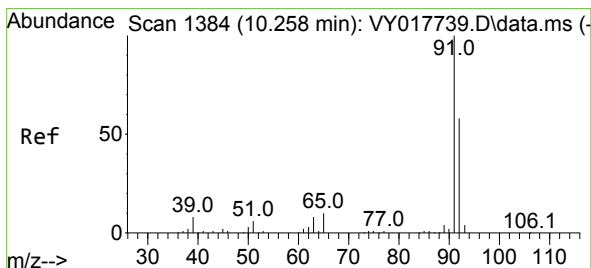
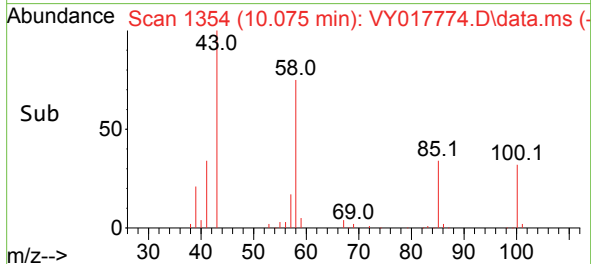
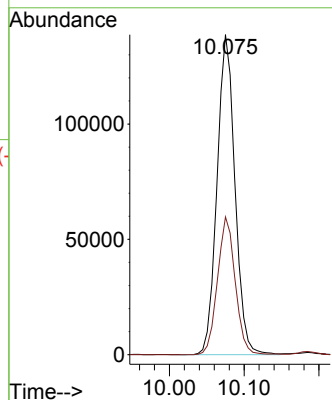
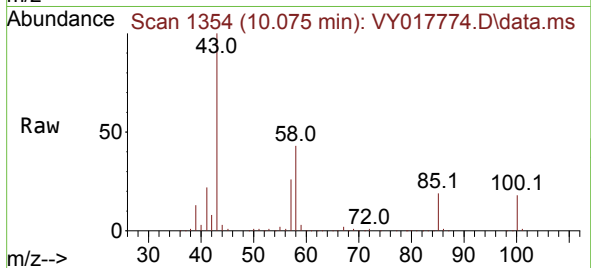
VSTDCCC050EC

Tgt Ion: 43 Resp: 231238

Ion Ratio Lower Upper

43 100

58 42.7 35.7 53.5



#52

Toluene

Concen: 51.072 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VY017774.D

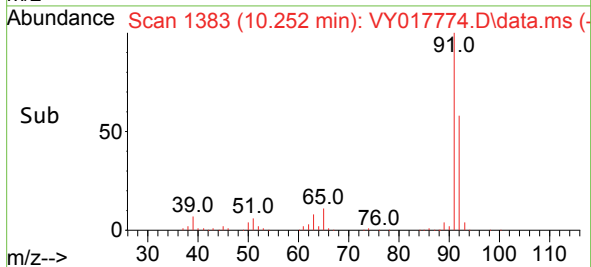
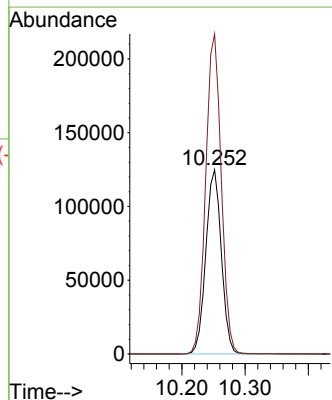
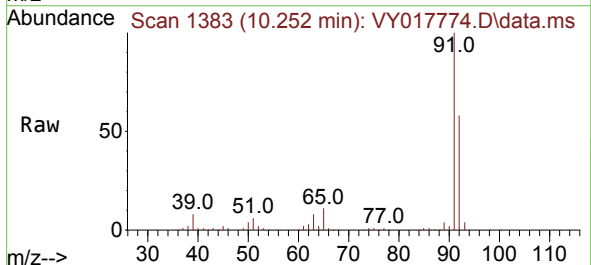
Acq: 26 Mar 2024 16:57

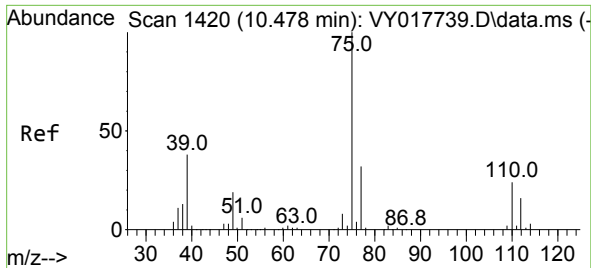
Tgt Ion: 92 Resp: 212767

Ion Ratio Lower Upper

92 100

91 174.0 139.0 208.6

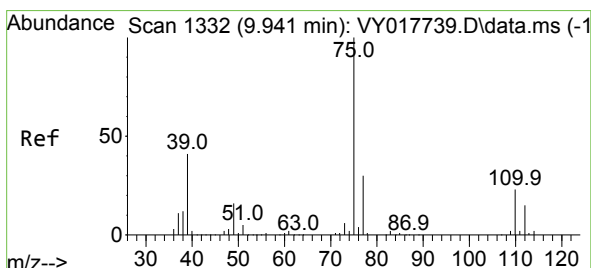
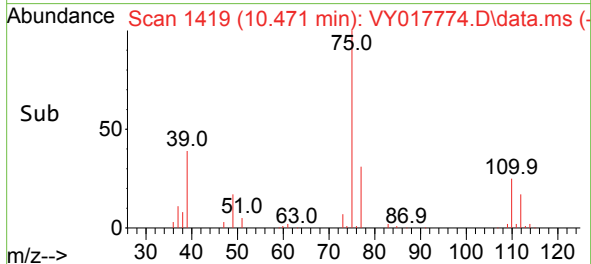
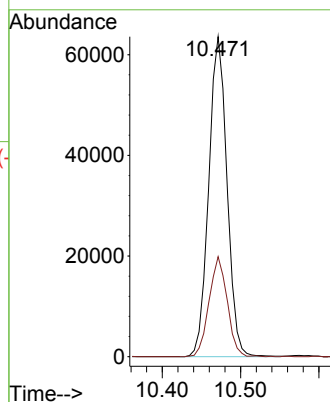
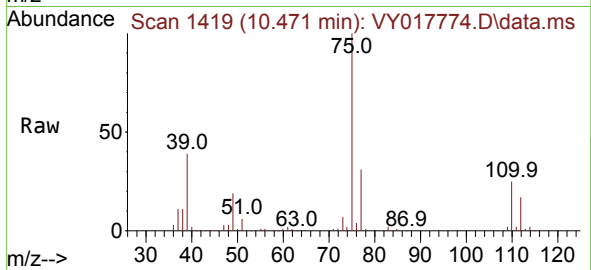




#53
 t-1,3-Dichloropropene
 Concen: 53.804 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY017774.D
 Acq: 26 Mar 2024 16:57

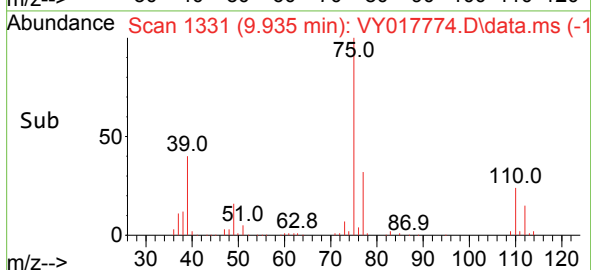
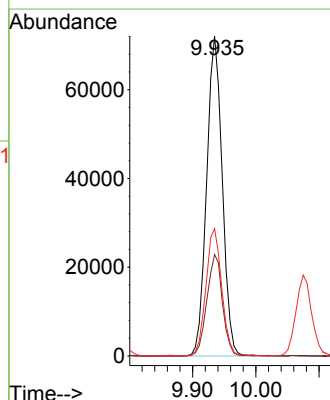
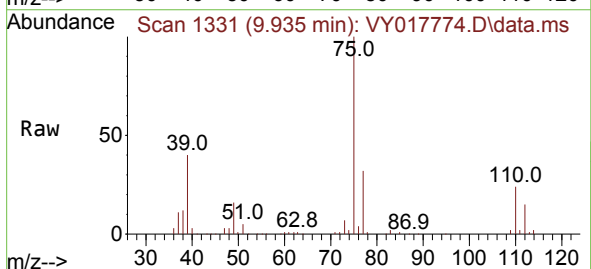
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

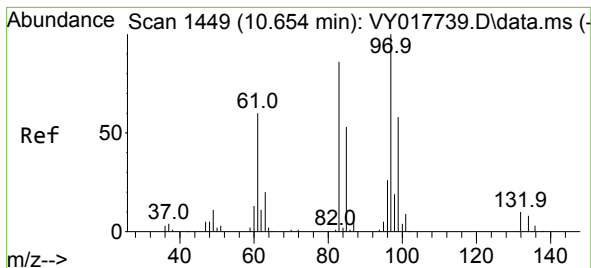
Tgt Ion: 75 Resp: 102991
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.916 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY017774.D
 Acq: 26 Mar 2024 16:57

Tgt Ion: 75 Resp: 123734
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 39.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.081 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 59220

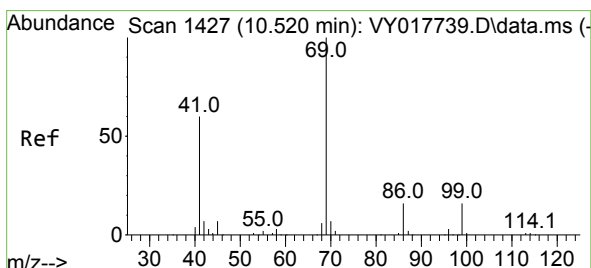
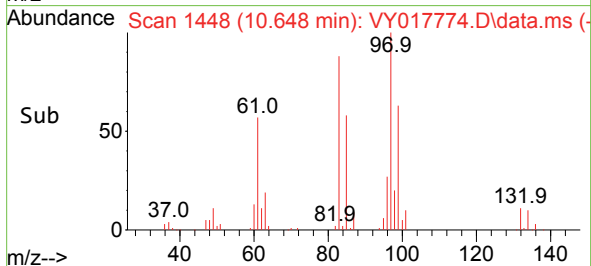
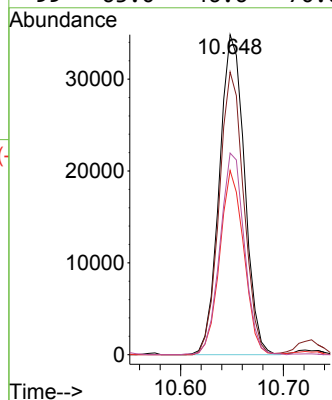
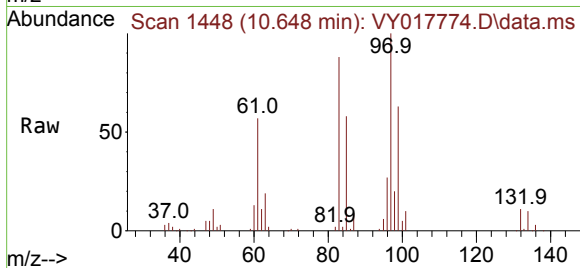
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 57.6 42.9 64.3

99 63.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.026 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

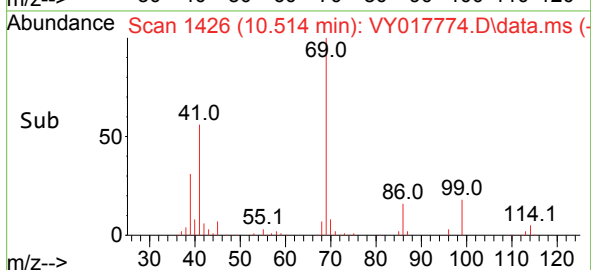
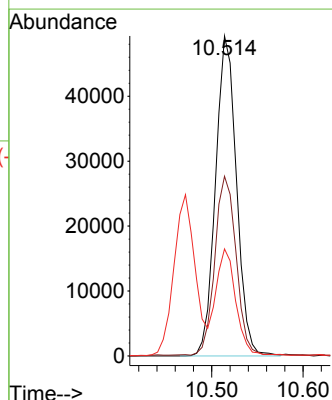
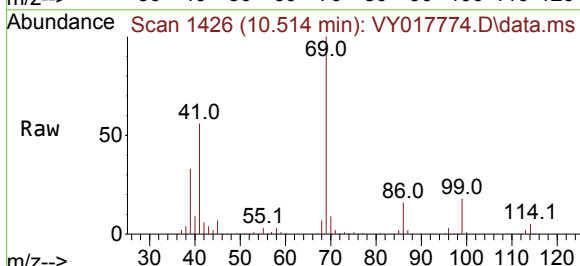
Tgt Ion: 69 Resp: 78603

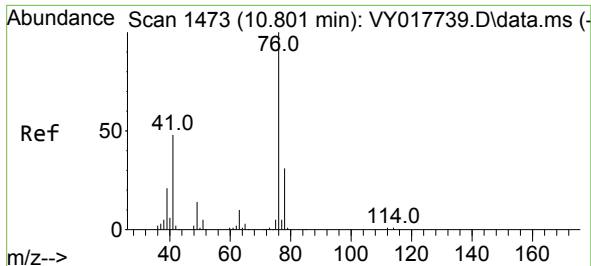
Ion Ratio Lower Upper

69 100

41 56.7 42.3 63.5

39 31.3 22.9 34.3





#57

1,3-Dichloropropane

Concen: 54.472 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

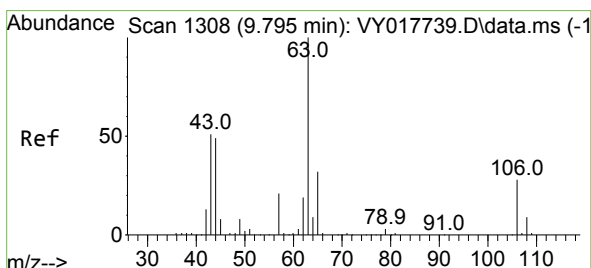
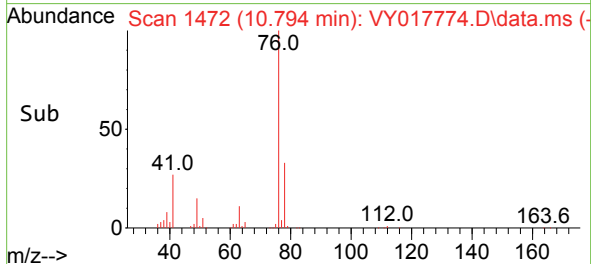
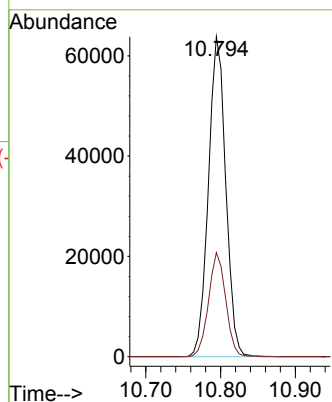
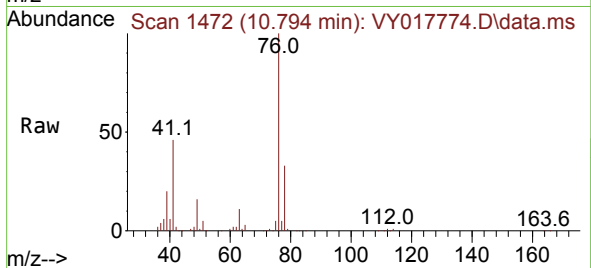
VSTDCCC050EC

Tgt Ion: 76 Resp: 102741

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.595 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.007 min

Lab File: VY017774.D

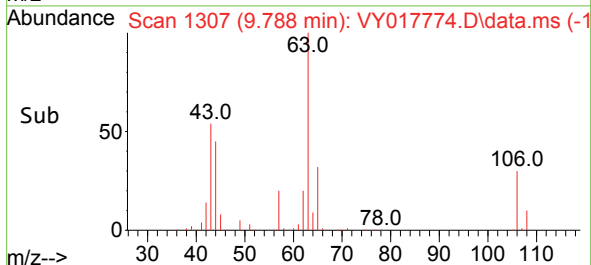
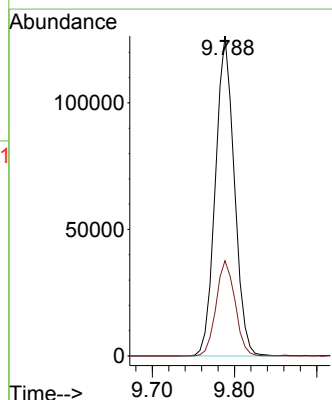
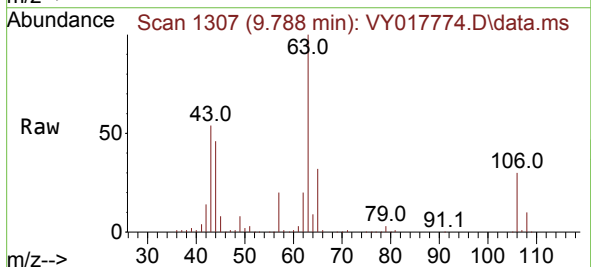
Acq: 26 Mar 2024 16:57

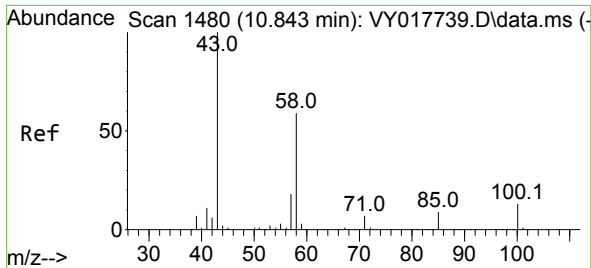
Tgt Ion: 63 Resp: 201867

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5

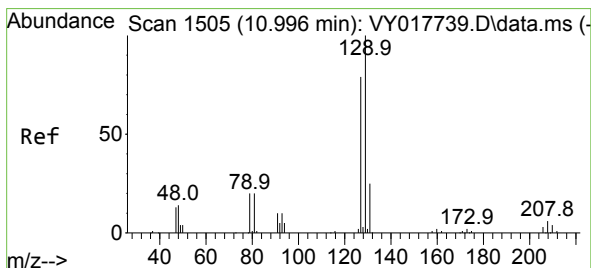
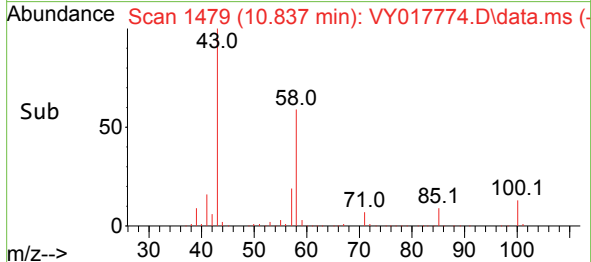
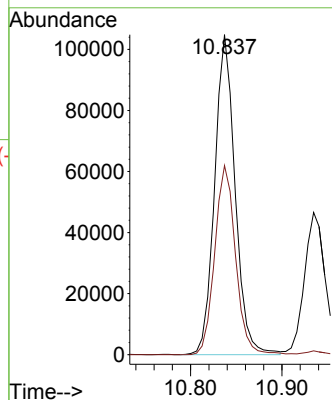
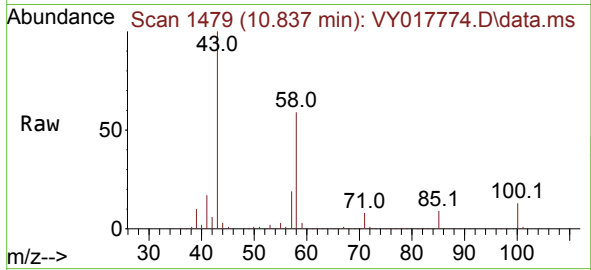




#59
2-Hexanone
Concen: 251.662 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

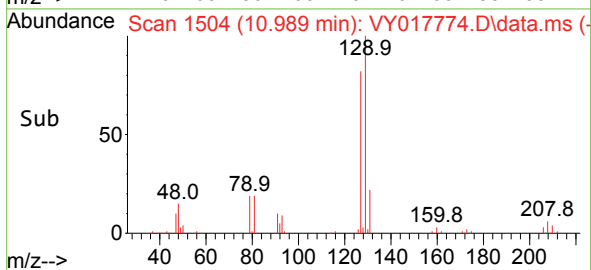
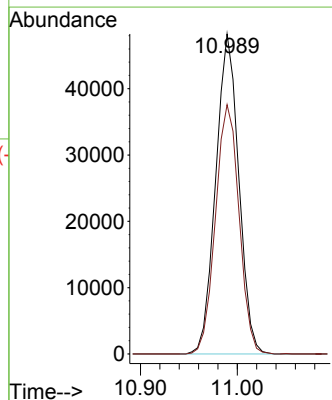
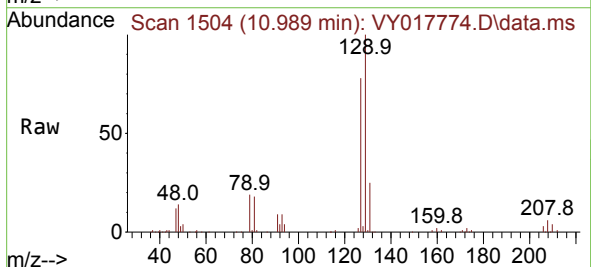
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

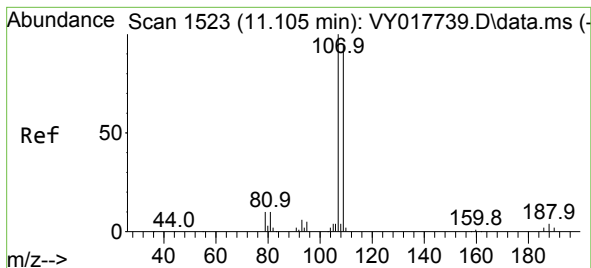
Tgt Ion: 43 Resp: 162938
Ion Ratio Lower Upper
43 100
58 60.3 31.4 94.0



#60
Dibromochloromethane
Concen: 54.419 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 129 Resp: 79707
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0

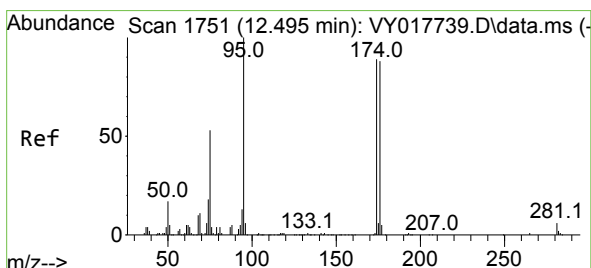
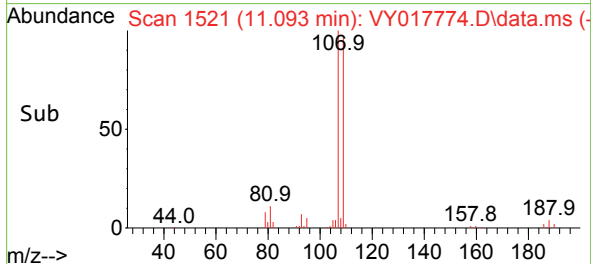
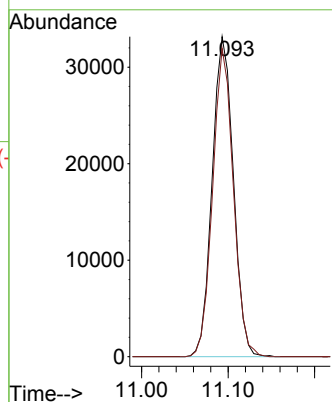
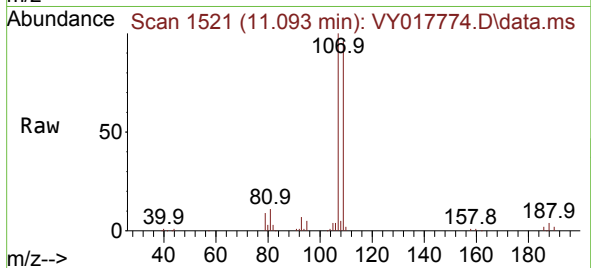




#61
1,2-Dibromoethane
Concen: 54.807 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

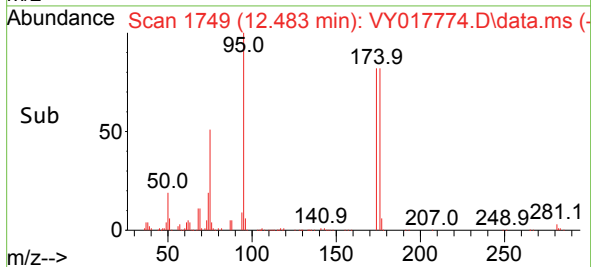
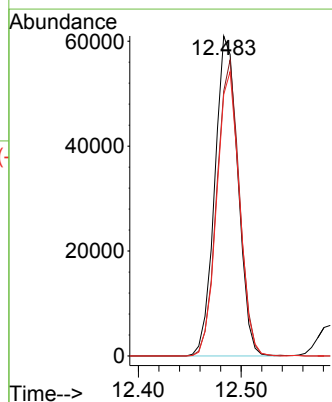
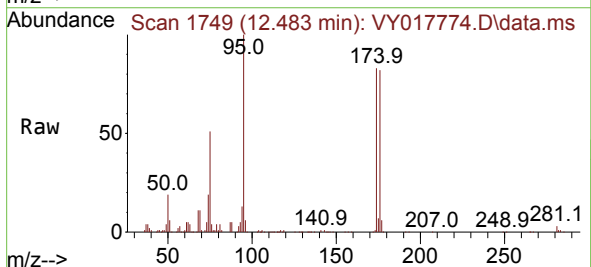
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

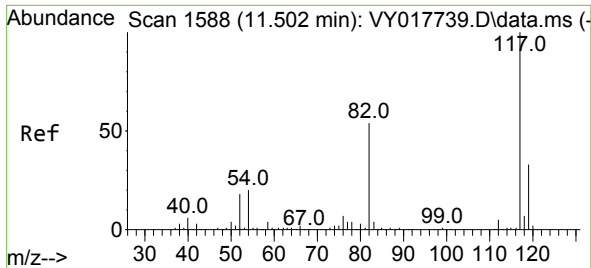
Tgt Ion:107 Resp: 56344
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 95 Resp: 94871
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 87.7 0.0 171.4

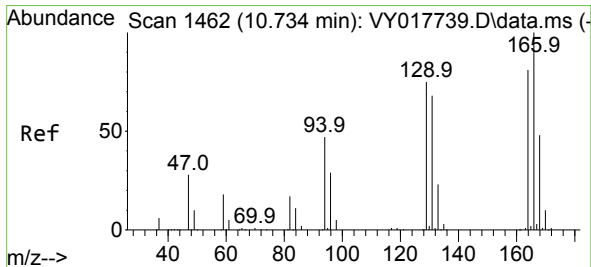
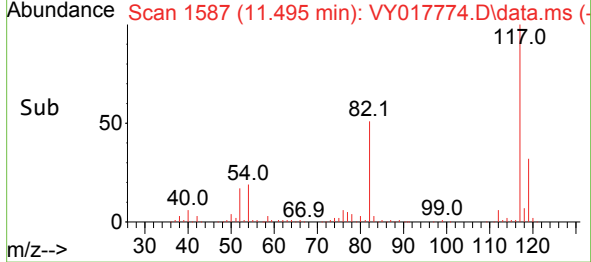
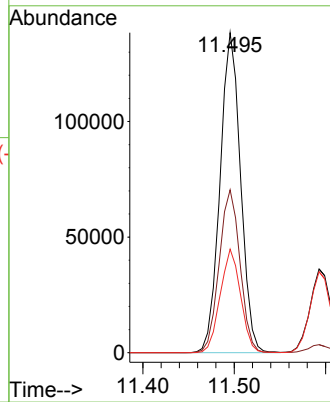
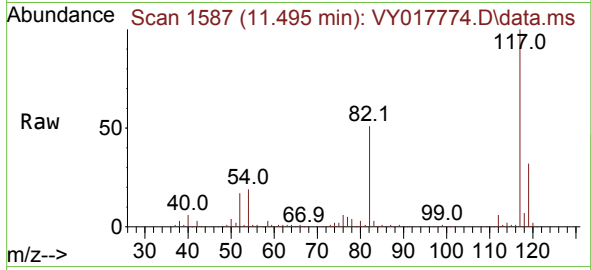




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

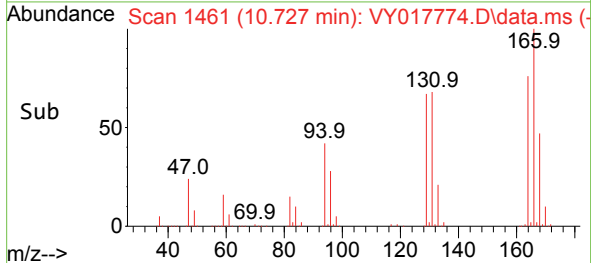
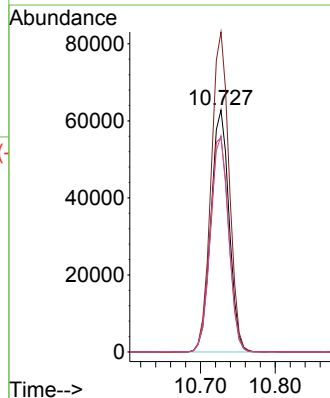
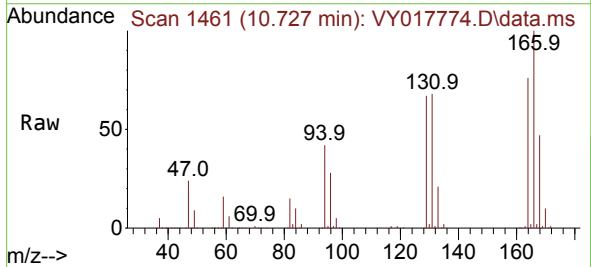
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

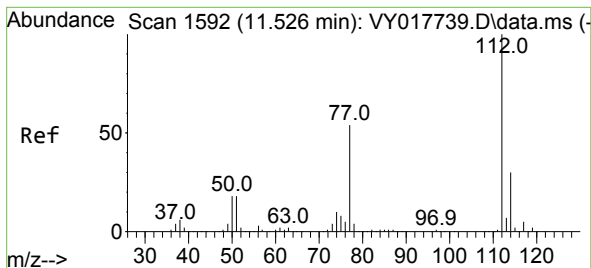
Tgt Ion:117 Resp: 216434
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 52.864 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion:164 Resp: 105811
Ion Ratio Lower Upper
164 100
166 132.2 102.6 154.0
129 88.4 72.0 108.0
131 89.3 70.0 105.0

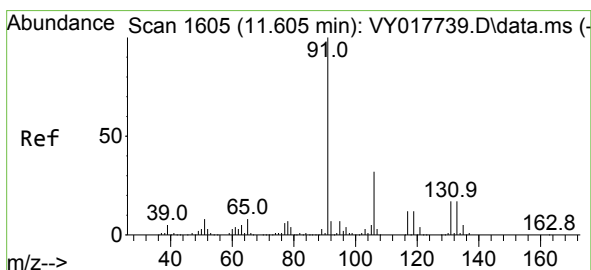
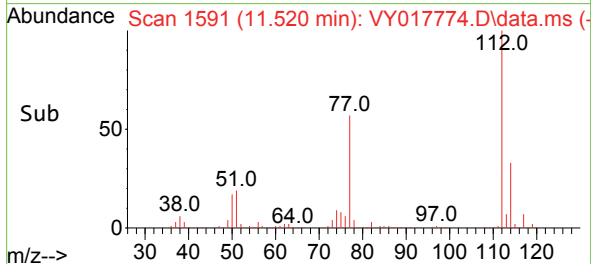
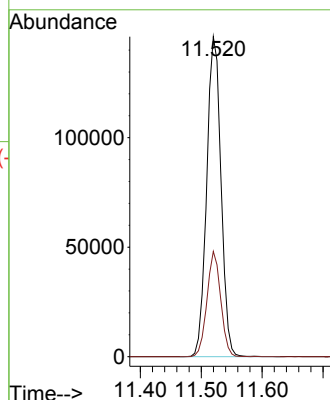
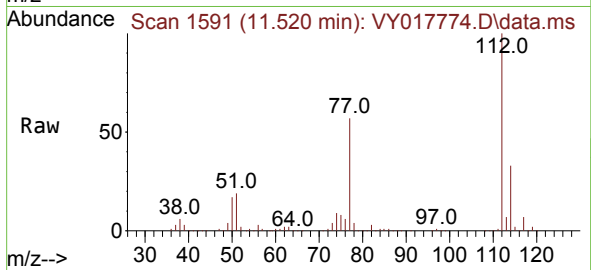




#65
Chlorobenzene
Concen: 51.182 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

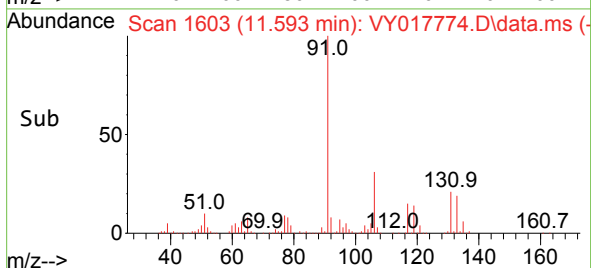
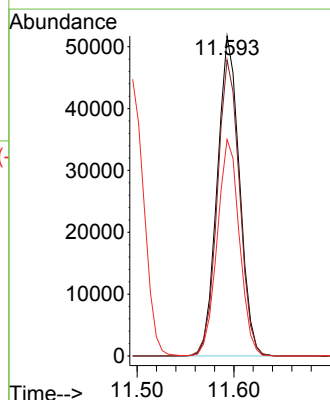
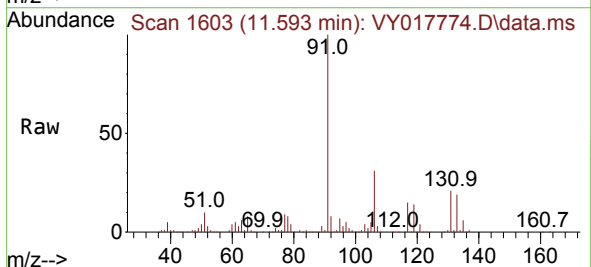
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

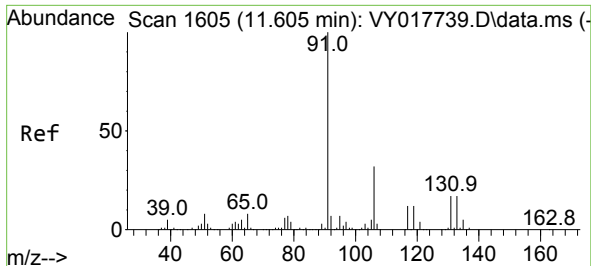
Tgt Ion:112 Resp: 238453
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.854 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion:131 Resp: 82232
Ion Ratio Lower Upper
131 100
133 92.8 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 51.199 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

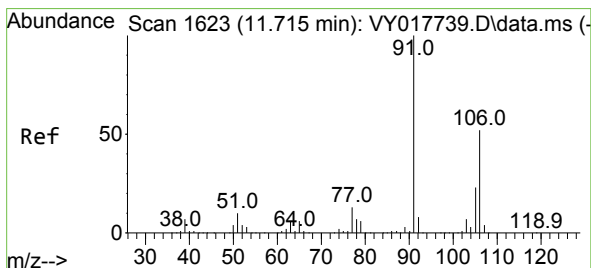
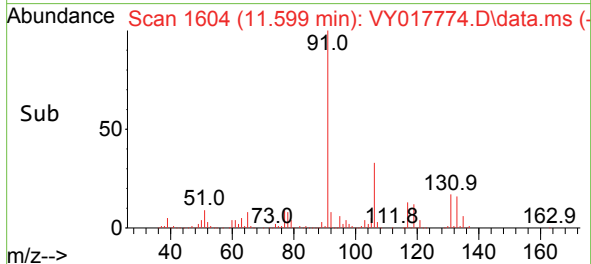
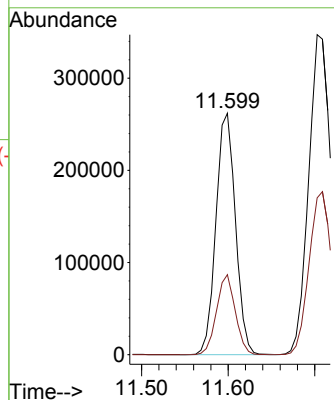
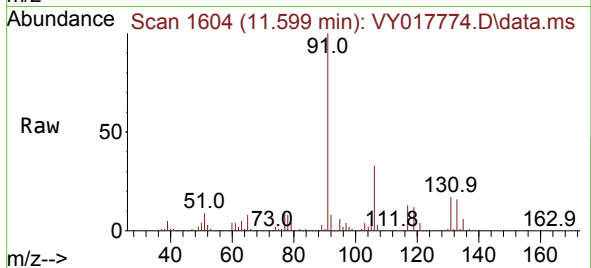
VSTDCCC050EC

Tgt Ion: 91 Resp: 409671

Ion Ratio Lower Upper

91 100

106 33.1 24.5 36.7



#68

m/p-Xylenes

Concen: 103.732 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY017774.D

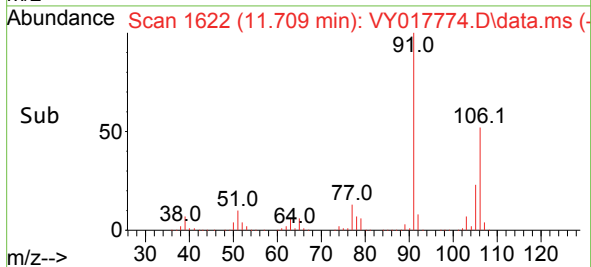
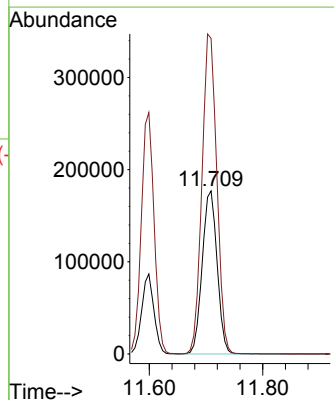
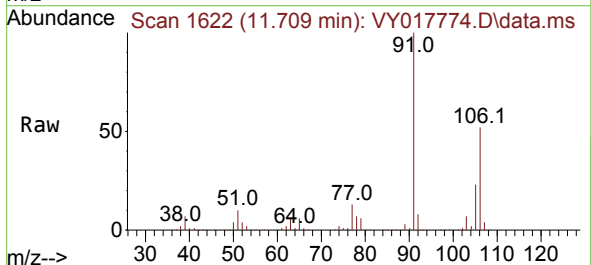
Acq: 26 Mar 2024 16:57

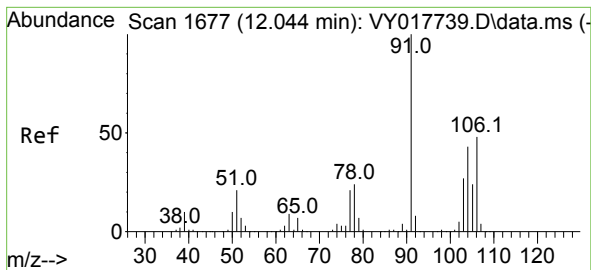
Tgt Ion:106 Resp: 321981

Ion Ratio Lower Upper

106 100

91 195.5 156.0 234.0





#69

o-Xylene

Concen: 52.524 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

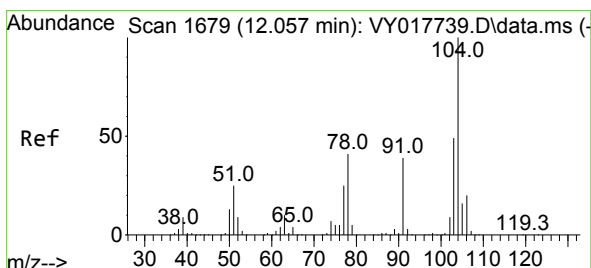
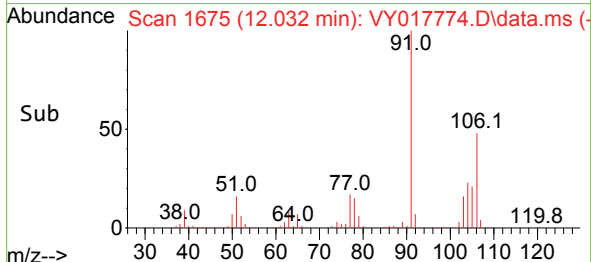
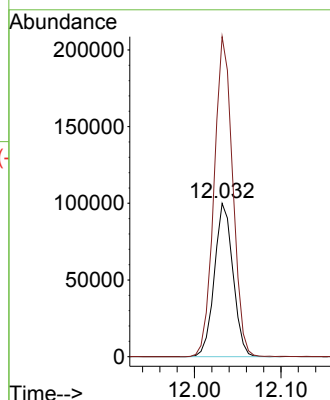
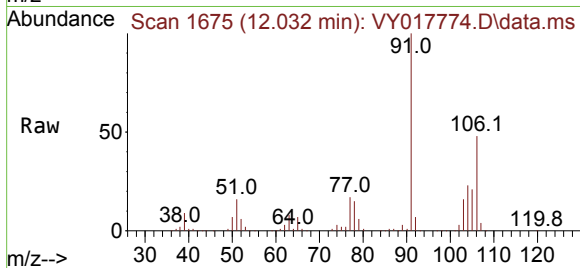
VSTDCCC050EC

Tgt Ion:106 Resp: 148846

Ion Ratio Lower Upper

106 100

91 209.6 103.6 310.8



#70

Styrene

Concen: 54.162 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

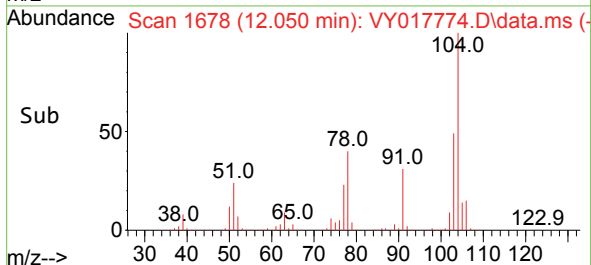
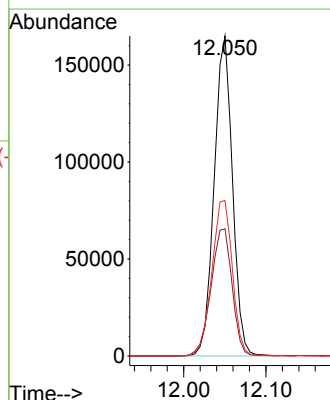
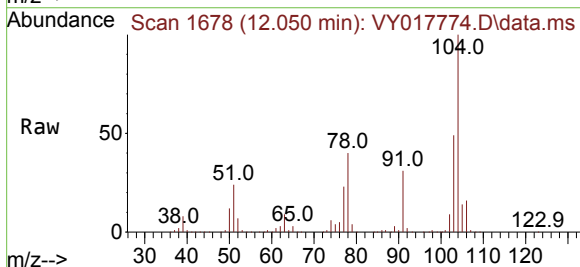
Tgt Ion:104 Resp: 255455

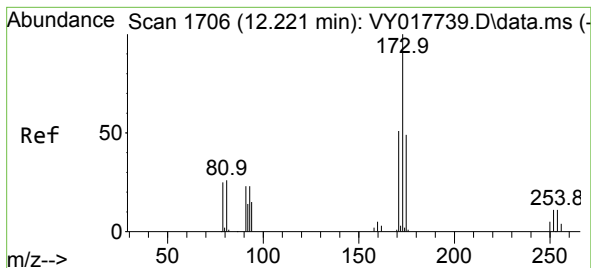
Ion Ratio Lower Upper

104 100

78 45.8 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 55.873 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

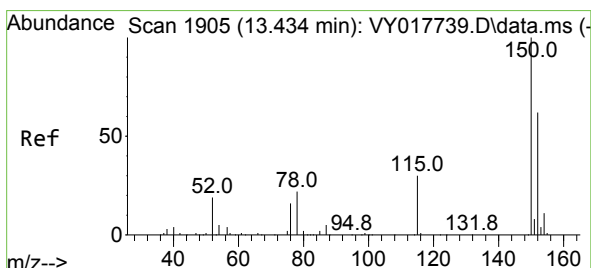
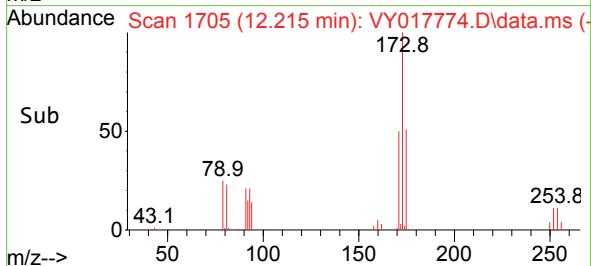
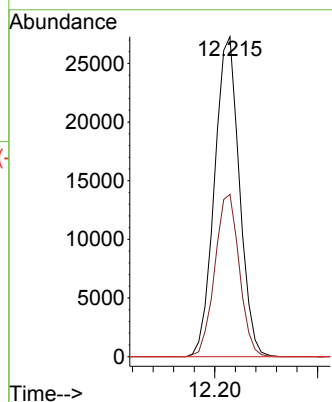
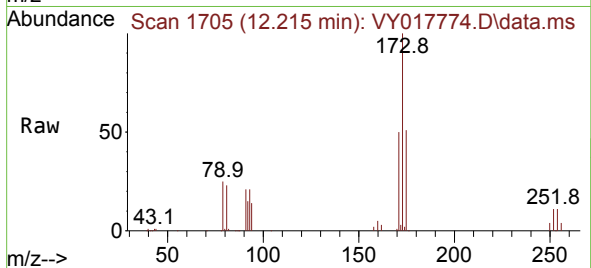
Tgt Ion:173 Resp: 45781

Ion Ratio Lower Upper

173 100

175 50.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

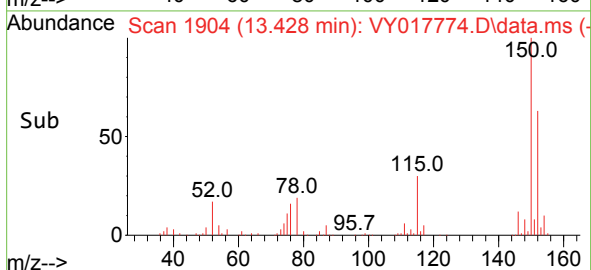
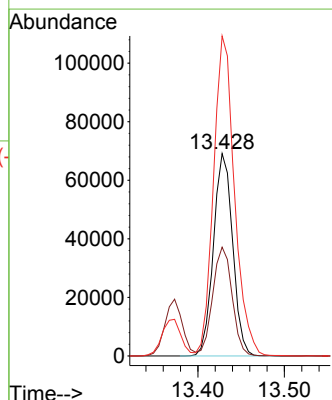
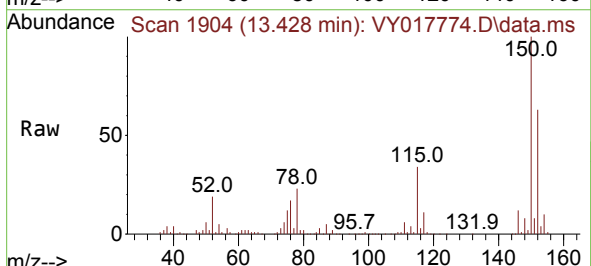
Tgt Ion:152 Resp: 106547

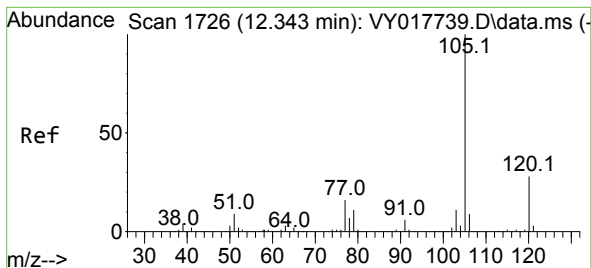
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 172.7 0.0 345.6





#73

Isopropylbenzene

Concen: 47.547 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

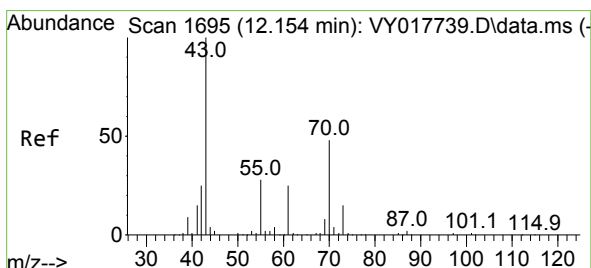
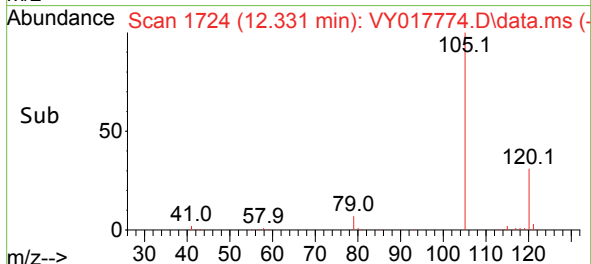
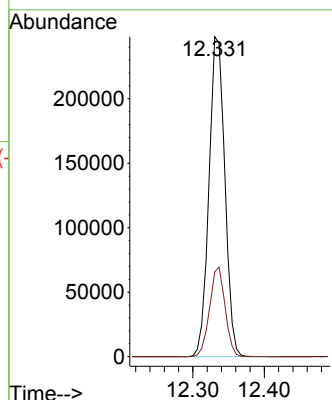
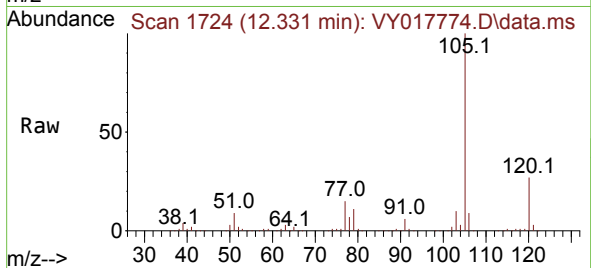
VSTDCCC050EC

Tgt Ion:105 Resp: 382531

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 45.916 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Tgt Ion: 43 Resp: 75606

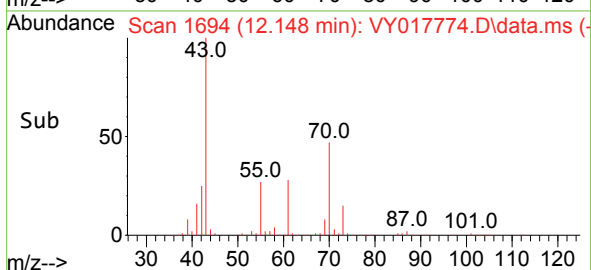
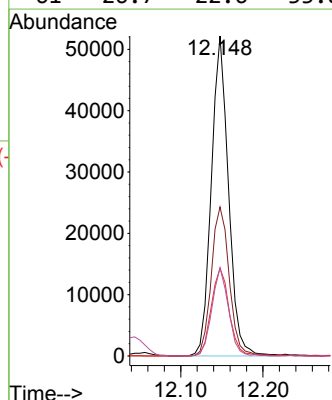
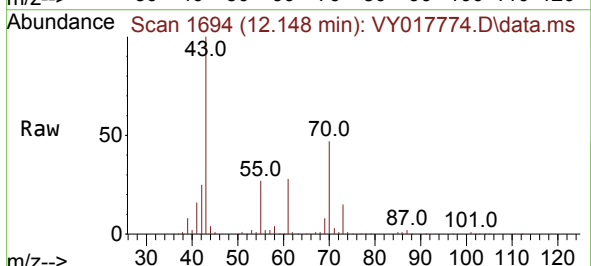
Ion Ratio Lower Upper

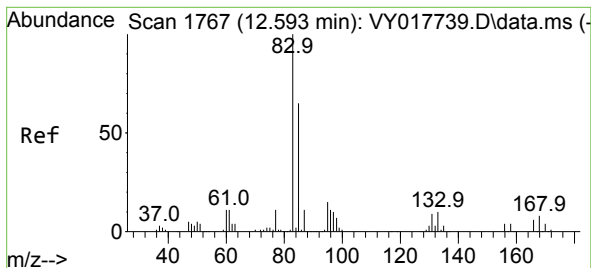
43 100

70 49.0 41.4 62.2

55 28.7 23.3 34.9

61 26.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.128 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

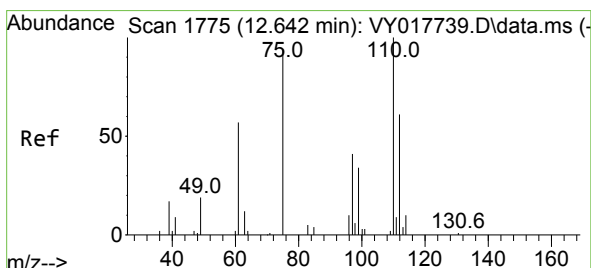
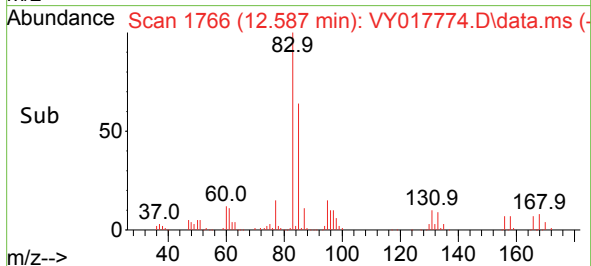
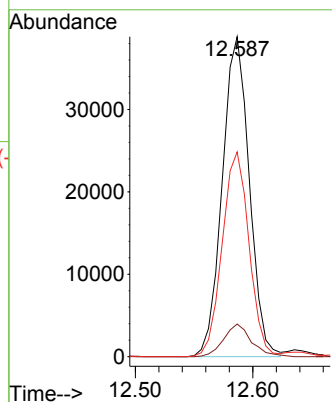
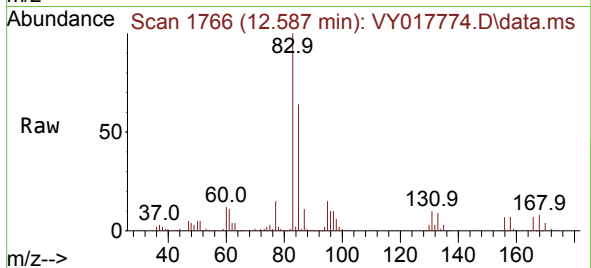
Tgt Ion: 83 Resp: 62097

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.292 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017774.D

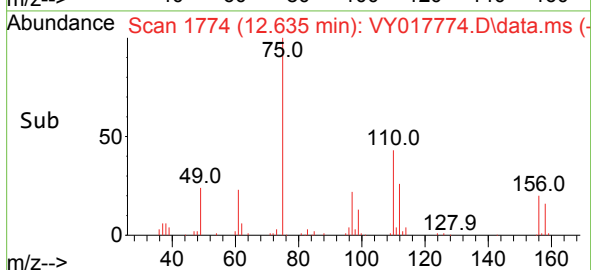
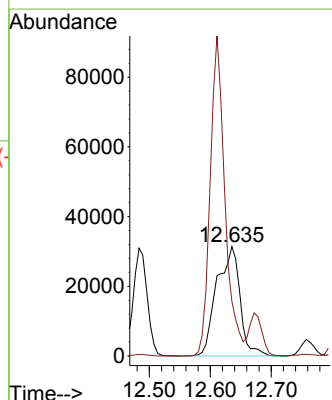
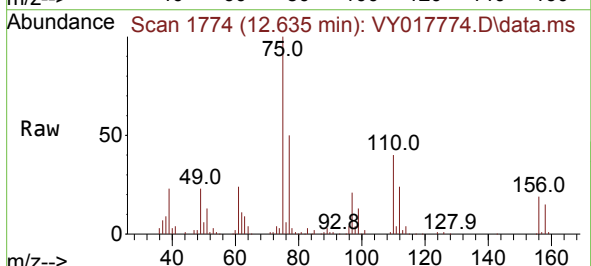
Acq: 26 Mar 2024 16:57

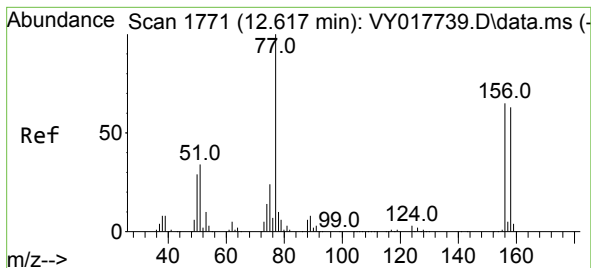
Tgt Ion: 75 Resp: 82935

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.185 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

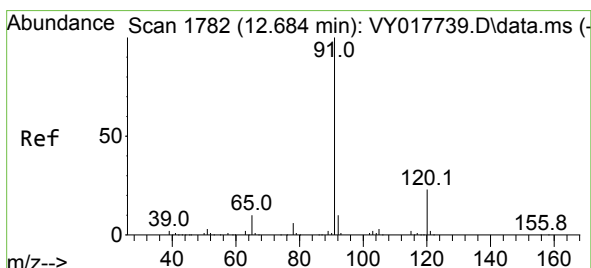
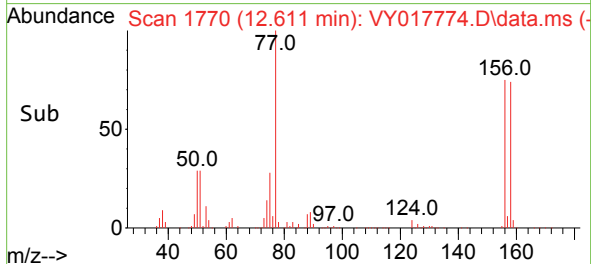
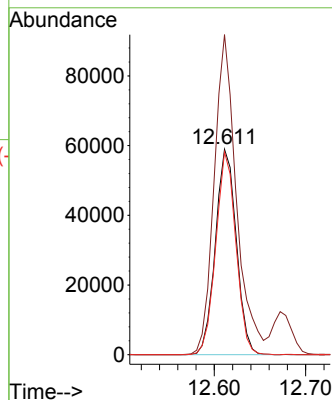
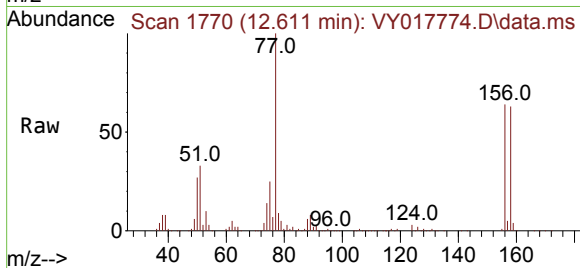
Tgt Ion:156 Resp: 93757

Ion Ratio Lower Upper

156 100

77 165.5 87.1 261.3

158 94.8 48.6 145.9



#78

n-propylbenzene

Concen: 47.965 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017774.D

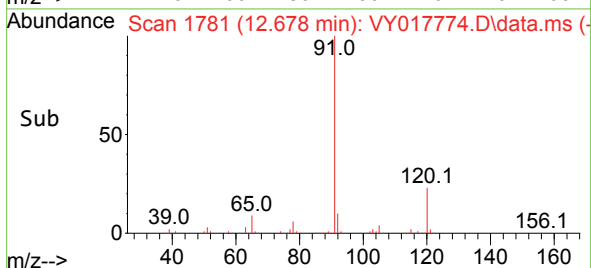
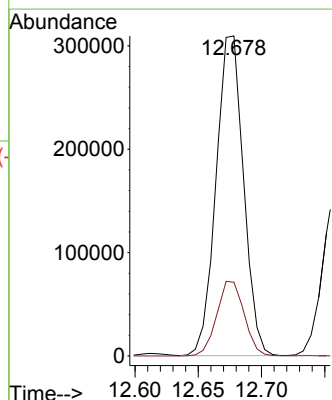
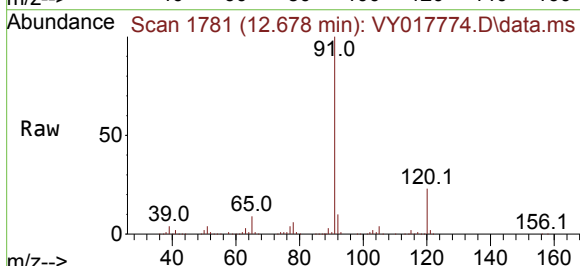
Acq: 26 Mar 2024 16:57

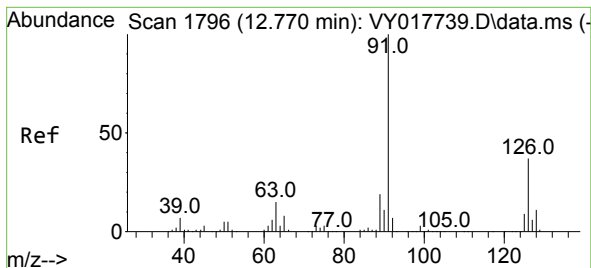
Tgt Ion: 91 Resp: 467133

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

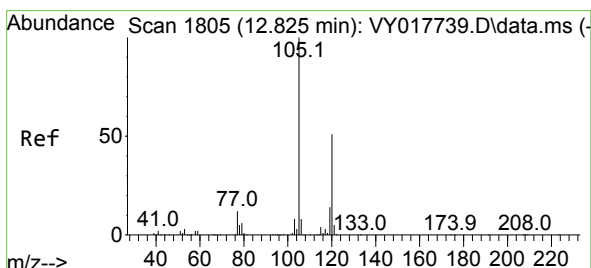
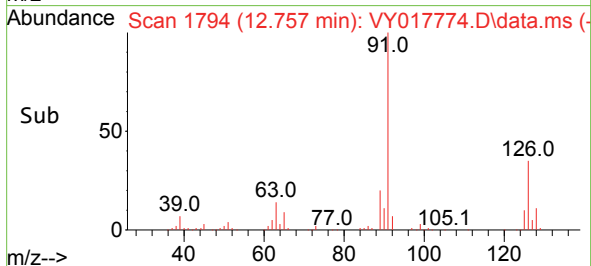
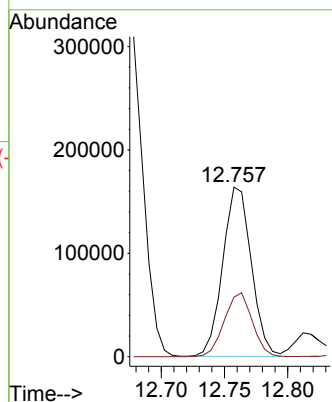
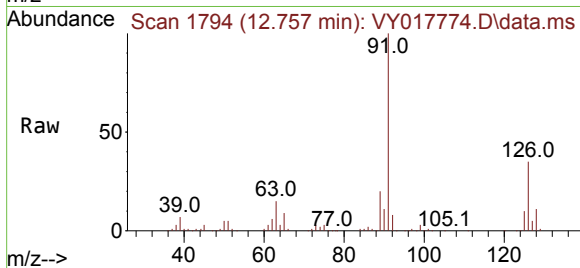




#79
2-Chlorotoluene
Concen: 48.323 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

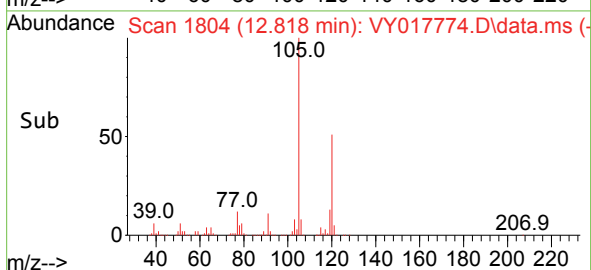
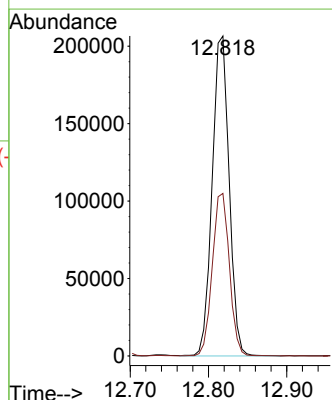
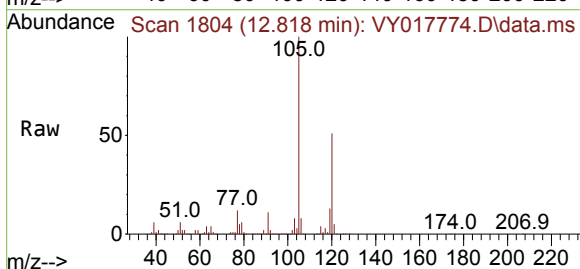
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

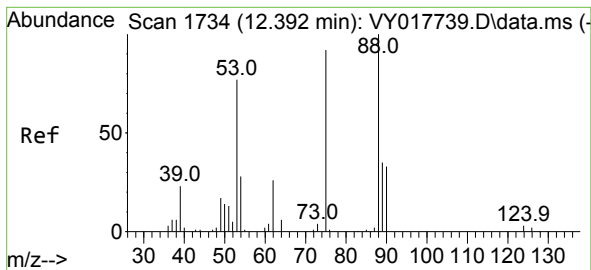
Tgt Ion: 91 Resp: 258084
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.288 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion:105 Resp: 310422
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

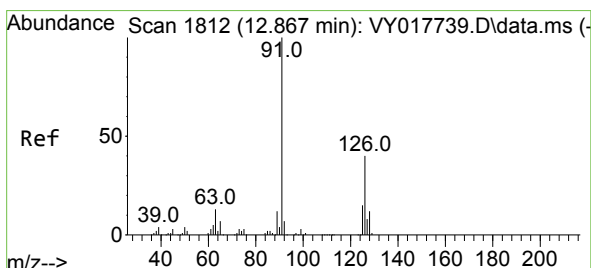
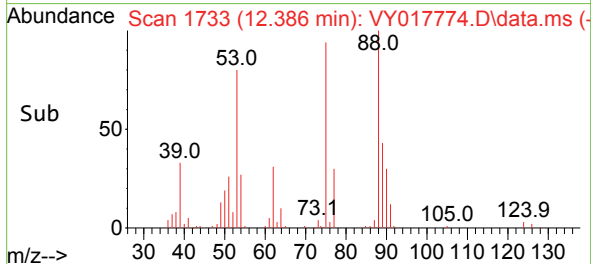
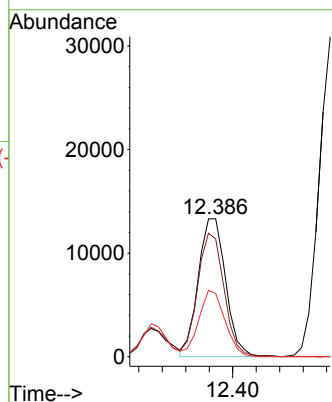
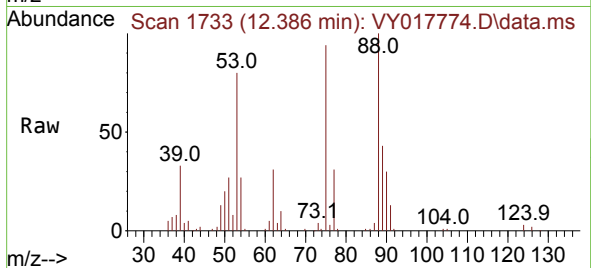




#81
trans-1,4-Dichloro-2-butene
Concen: 50.916 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

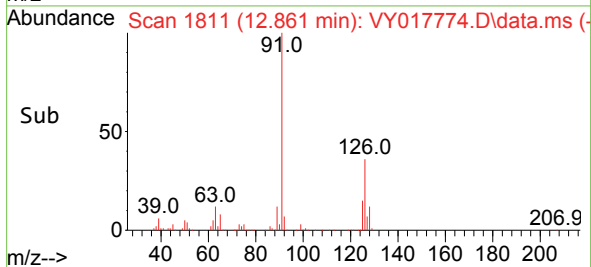
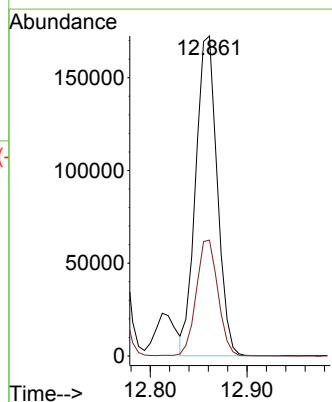
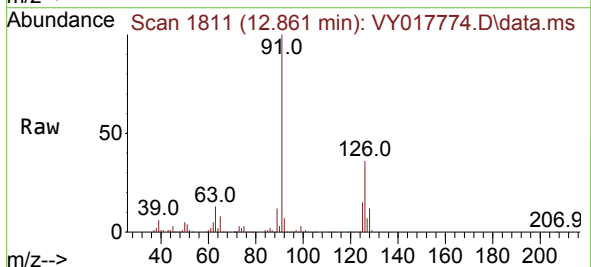
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

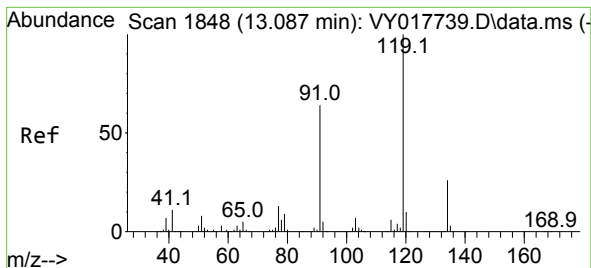
Tgt Ion: 75 Resp: 21680
Ion Ratio Lower Upper
75 100
53 86.0 66.8 100.2
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.616 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 91 Resp: 266404
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.000 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

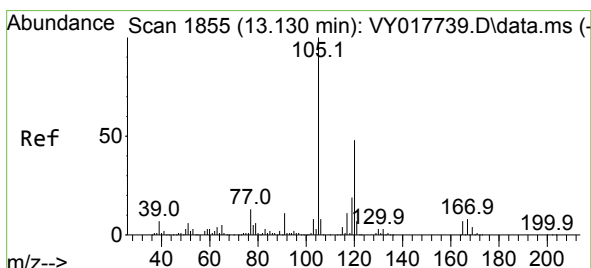
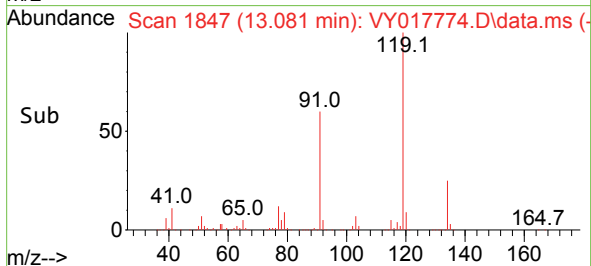
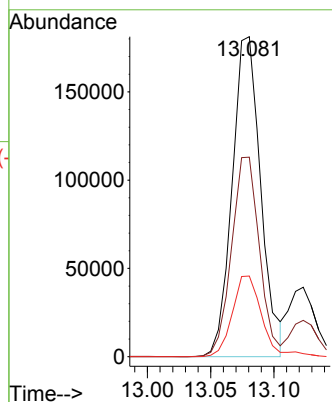
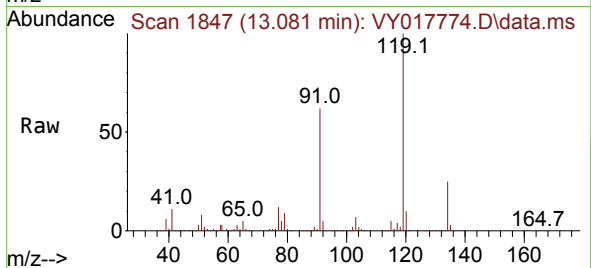
Tgt Ion:119 Resp: 284968

Ion Ratio Lower Upper

119 100

91 61.0 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.127 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017774.D

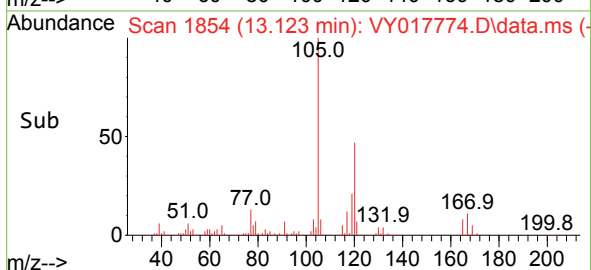
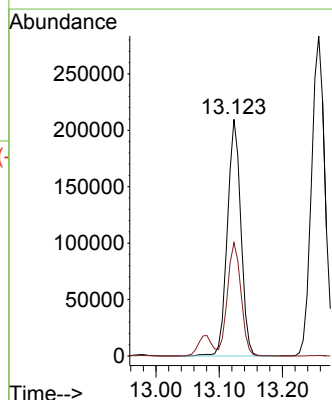
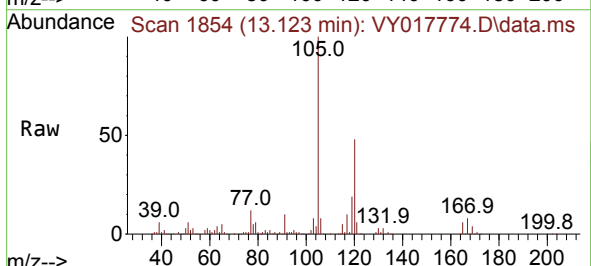
Acq: 26 Mar 2024 16:57

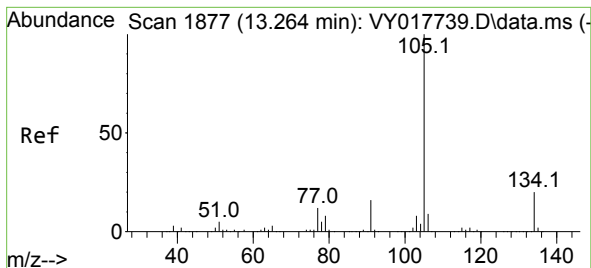
Tgt Ion:105 Resp: 309502

Ion Ratio Lower Upper

105 100

120 47.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.785 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

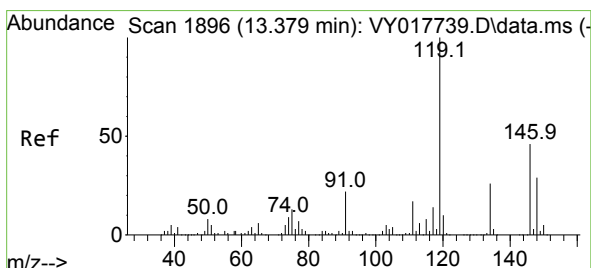
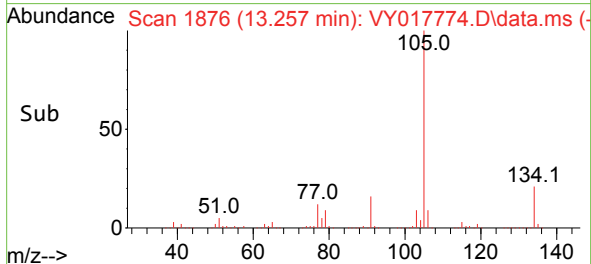
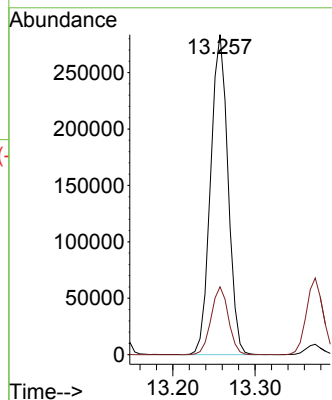
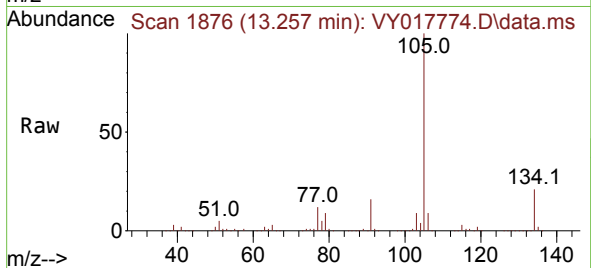
VSTDCCC050EC

Tgt Ion:105 Resp: 416723

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.236 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

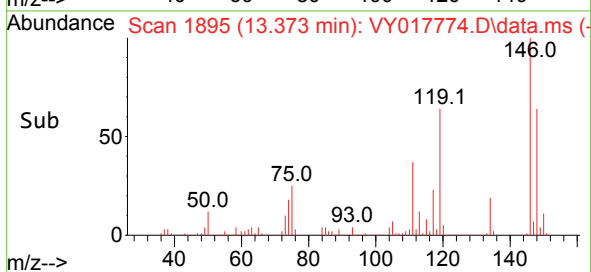
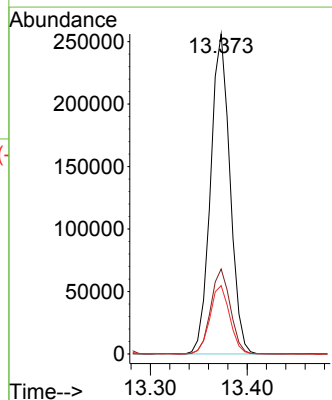
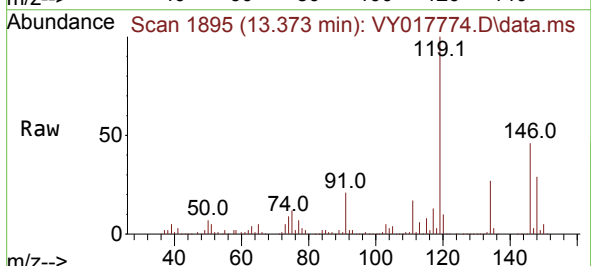
Tgt Ion:119 Resp: 356301

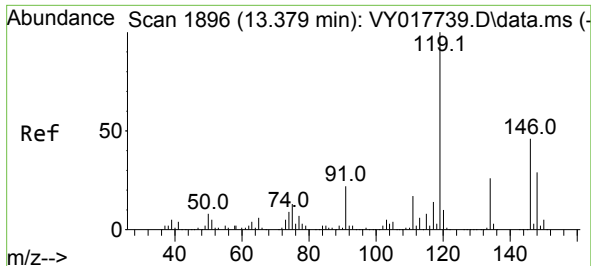
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.219 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

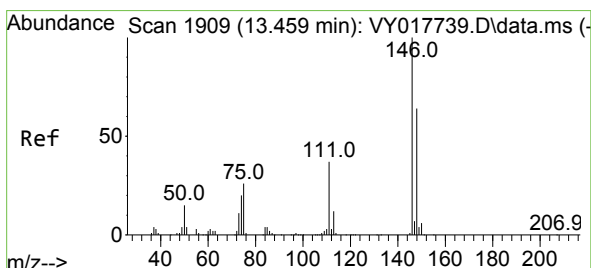
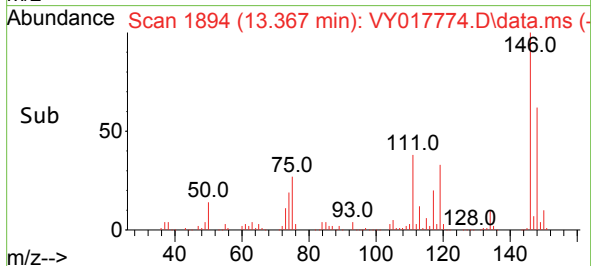
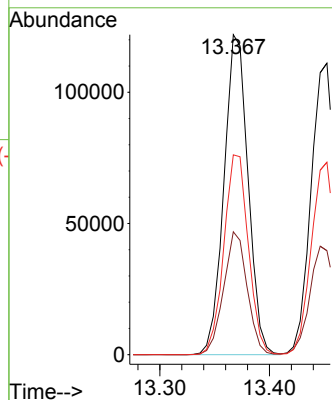
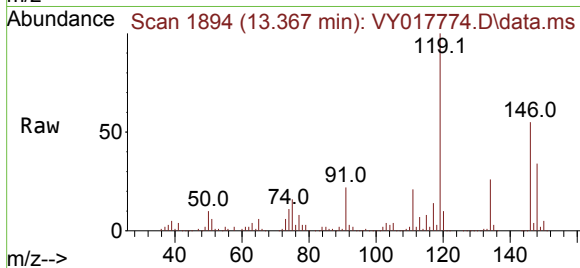
Tgt Ion:146 Resp: 186407

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.774 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

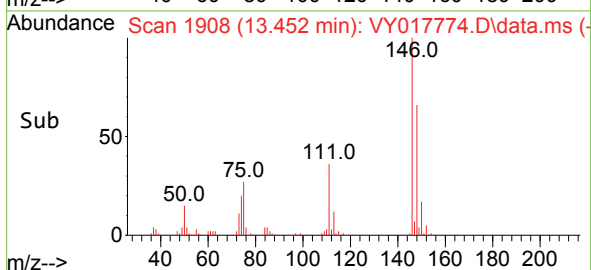
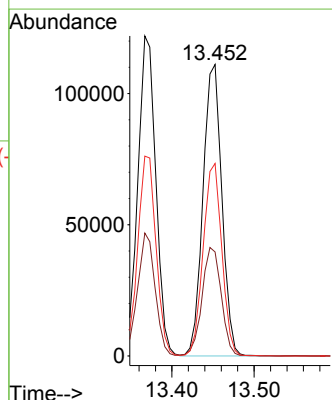
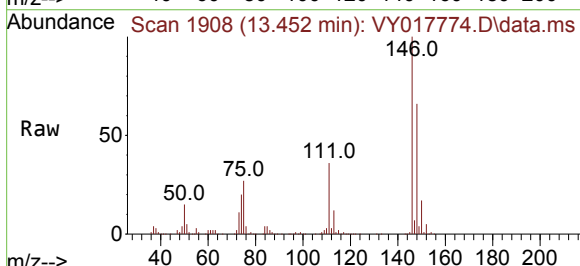
Tgt Ion:146 Resp: 177362

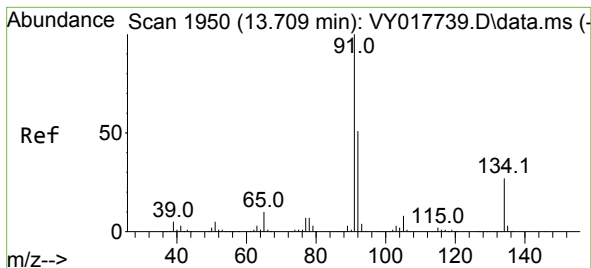
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 50.371 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

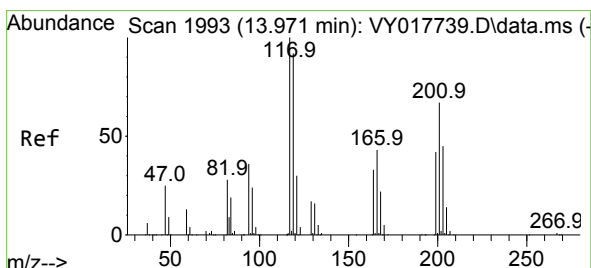
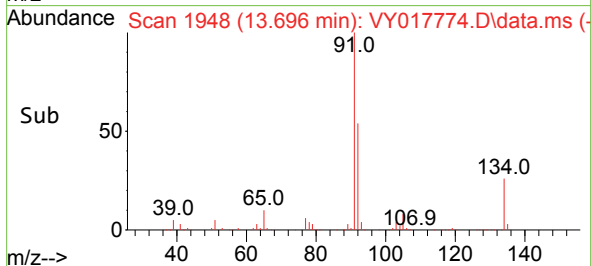
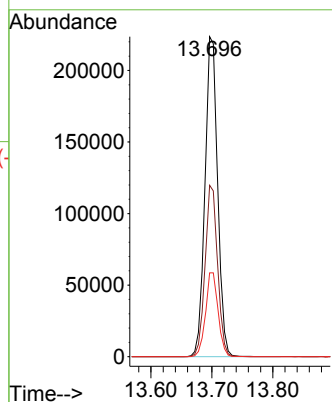
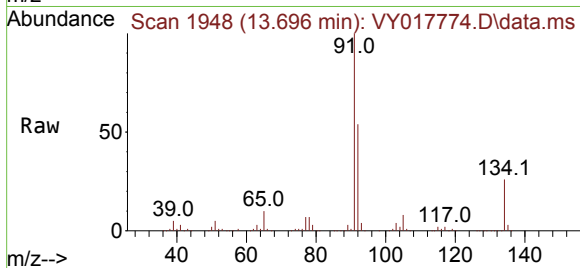
Tgt Ion: 91 Resp: 323214

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.0 12.9 38.7



#90

Hexachloroethane

Concen: 47.785 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017774.D

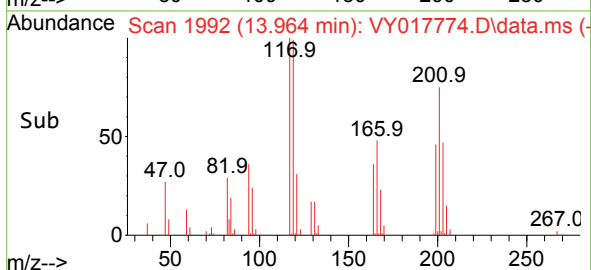
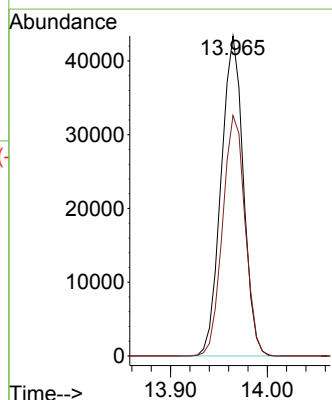
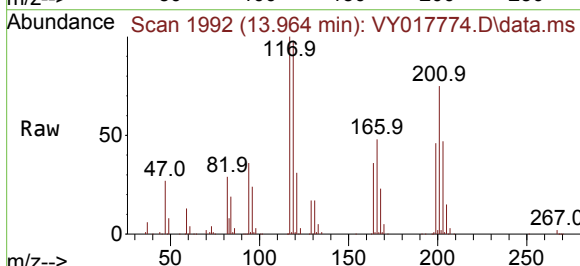
Acq: 26 Mar 2024 16:57

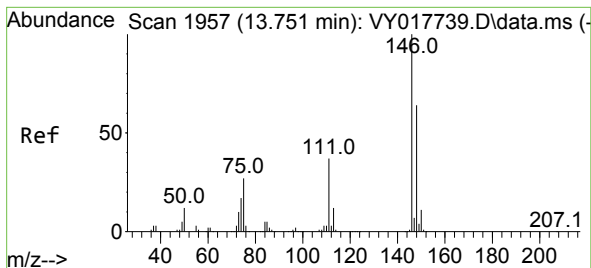
Tgt Ion: 117 Resp: 69113

Ion Ratio Lower Upper

117 100

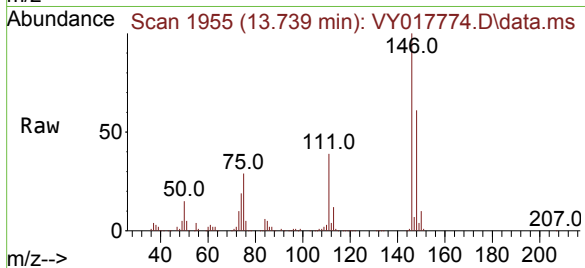
201 76.0 37.4 112.2



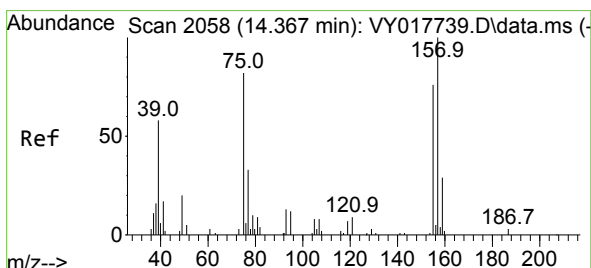
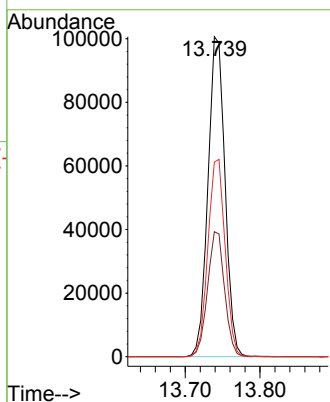
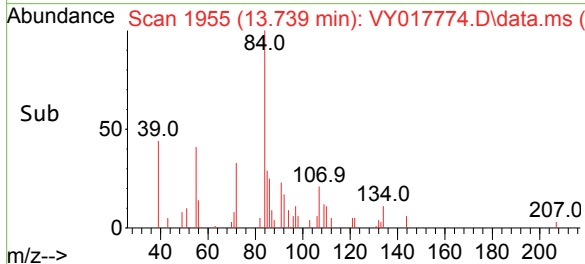


#91
1,2-Dichlorobenzene
Concen: 51.774 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.012 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

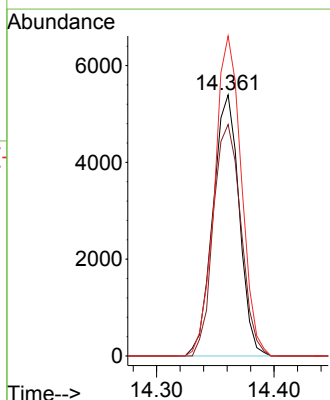
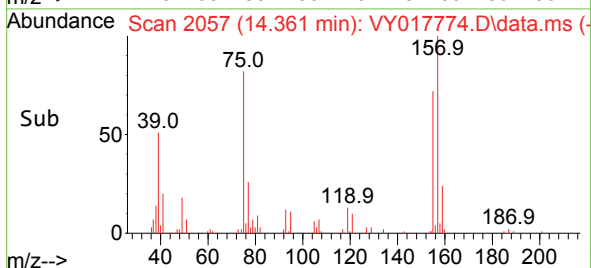
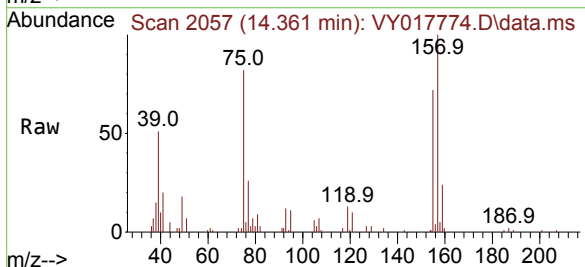


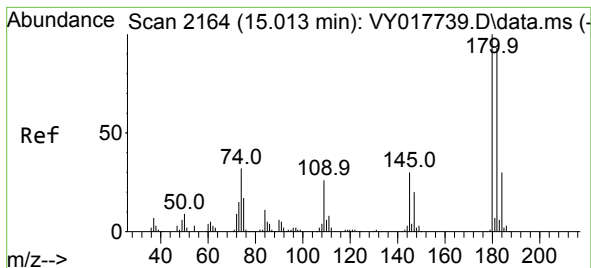
Tgt Ion:146 Resp: 159196
Ion Ratio Lower Upper
146 100
111 39.1 19.9 59.7
148 62.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.371 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY017774.D
Acq: 26 Mar 2024 16:57

Tgt Ion: 75 Resp: 8399
Ion Ratio Lower Upper
75 100
155 93.0 48.6 145.8
157 124.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.710 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

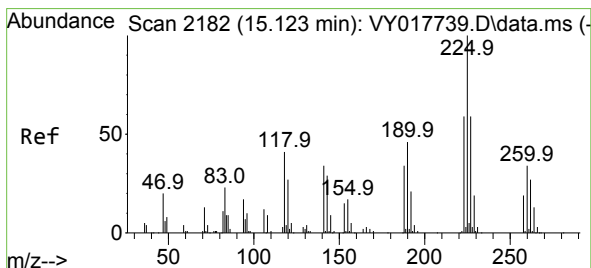
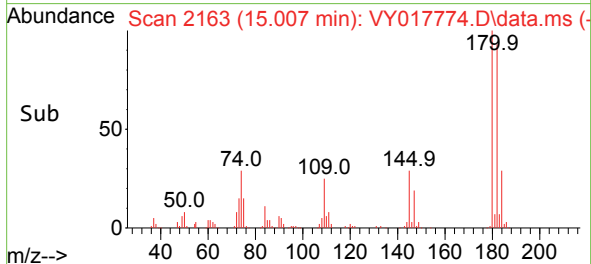
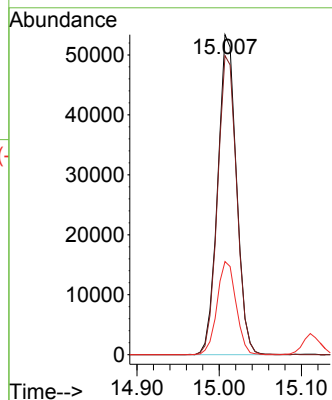
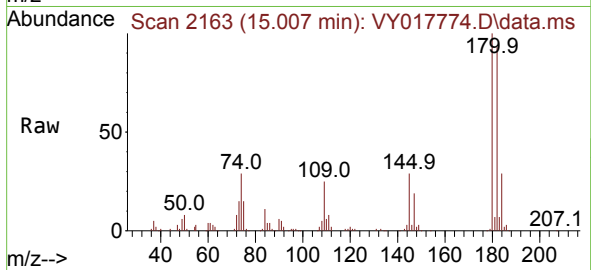
Tgt Ion:180 Resp: 84471

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.885 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.012 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

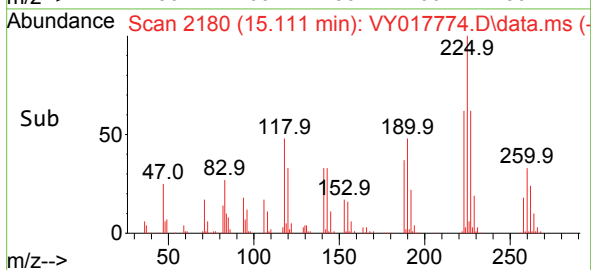
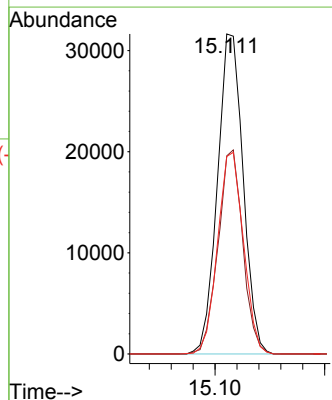
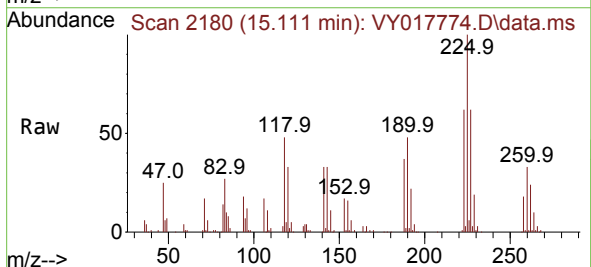
Tgt Ion:225 Resp: 51520

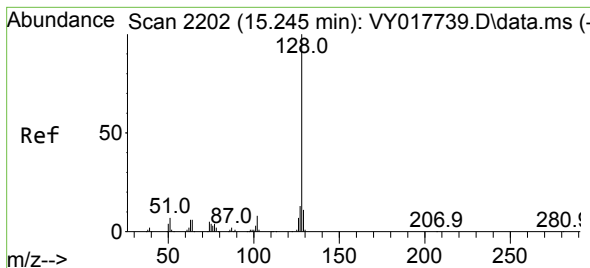
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 51.650 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

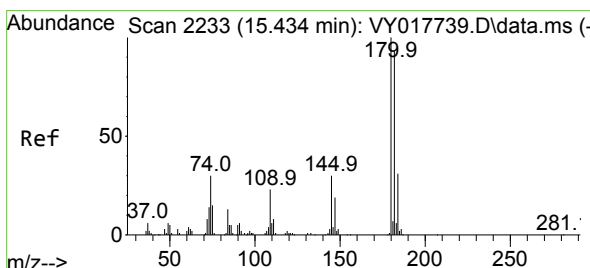
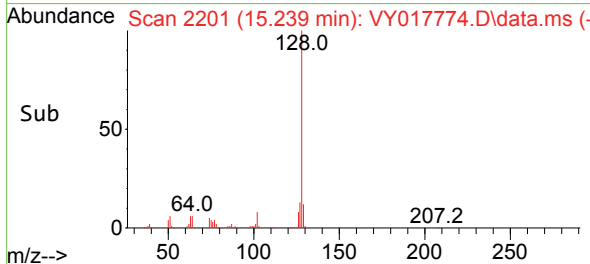
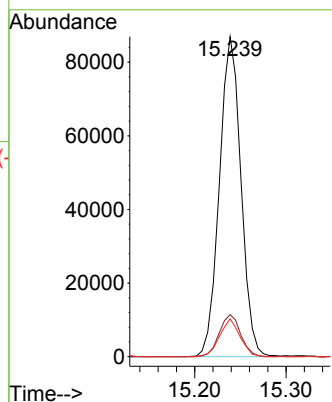
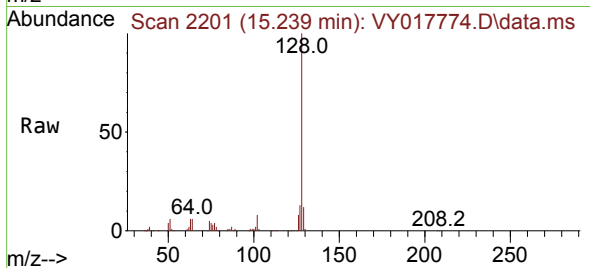
Tgt Ion:128 Resp: 142512

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.282 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017774.D

Acq: 26 Mar 2024 16:57

Tgt Ion:180 Resp: 71676

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 30.8 15.4 46.1

