

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017739.D
 Acq On : 22 Mar 2024 11:15
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 23 03:43:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	158559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	247847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	214613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	69631	50.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.820%	
35) Dibromofluoromethane	7.740	113	76285	51.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.980%	
50) Toluene-d8	10.197	98	294120	51.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.495	95	88279	51.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	67162	49.064	ug/l	98
3) Chloromethane	2.125	50	92455	52.137	ug/l	99
4) Vinyl Chloride	2.266	62	113472	52.923	ug/l	99
5) Bromomethane	2.668	94	82366	49.200	ug/l	99
6) Chloroethane	2.814	64	73812	51.510	ug/l	99
7) Trichlorofluoromethane	3.150	101	117941	52.189	ug/l	100
8) Diethyl Ether	3.552	74	39539	53.068	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.930	101	84159	52.313	ug/l	97
10) Methyl Iodide	4.119	142	111218	56.555	ug/l	98
11) Tert butyl alcohol	4.979	59	21702	236.203	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	81322	53.740	ug/l	90
13) Acrolein	3.753	56	30139	272.131	ug/l	100
14) Allyl chloride	4.509	41	113271	55.233	ug/l	97
15) Acrylonitrile	5.192	53	83802	271.514	ug/l	99
16) Acetone	3.973	43	68638	284.087	ug/l	91
17) Carbon Disulfide	4.223	76	268536	53.035	ug/l	97
18) Methyl Acetate	4.509	43	32845	53.994	ug/l	96
19) Methyl tert-butyl Ether	5.253	73	181989	55.778	ug/l	98
20) Methylene Chloride	4.747	84	86996	49.510	ug/l	92
21) trans-1,2-Dichloroethene	5.253	96	93013	53.917	ug/l	98
22) Diisopropyl ether	6.143	45	249221	55.814	ug/l	92
23) Vinyl Acetate	6.088	43	740979	282.533	ug/l	97
24) 1,1-Dichloroethane	6.045	63	158970	54.165	ug/l	97
25) 2-Butanone	7.009	43	103570	252.277	ug/l	94
26) 2,2-Dichloropropane	7.009	77	133791	53.630	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	106394	54.523	ug/l	96
28) Bromochloromethane	7.356	49	58677	51.571	ug/l	90
29) Tetrahydrofuran	7.368	42	66437	257.252	ug/l	92
30) Chloroform	7.533	83	162068	53.267	ug/l	99
31) Cyclohexane	7.807	56	142666	52.220	ug/l	97
32) 1,1,1-Trichloroethane	7.722	97	142280	53.695	ug/l	97
36) 1,1-Dichloropropene	7.941	75	123752	54.068	ug/l	98
37) Ethyl Acetate	7.100	43	47829	54.382	ug/l	98
38) Carbon Tetrachloride	7.923	117	130313	54.375	ug/l	97
39) Methylcyclohexane	9.197	83	166044	56.514	ug/l	97
40) Benzene	8.179	78	376869	55.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24689	56.830	ug/l	94
42) 1,2-Dichloroethane	8.252	62	88807	54.117	ug/l	98
43) Isopropyl Acetate	8.289	43	89016	51.142	ug/l	96
44) Trichloroethene	8.960	130	94995	53.009	ug/l	99
45) 1,2-Dichloropropane	9.234	63	85327	54.660	ug/l	96
46) Dibromomethane	9.319	93	47421	54.514	ug/l	99
47) Bromodichloromethane	9.508	83	121831	54.773	ug/l	98
48) Methyl methacrylate	9.307	41	41261	50.952	ug/l	95
49) 1,4-Dioxane	9.313	88	9413	1112.107	ug/l #	100
51) 4-Methyl-2-Pentanone	10.081	43	237859	254.263	ug/l	97
52) Toluene	10.258	92	232342	54.880	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	108124	55.584	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	132619	55.810	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	61105	54.911	ug/l	99
56) Ethyl methacrylate	10.520	69	80818	51.610	ug/l	92
57) 1,3-Dichloropropane	10.801	76	105645	55.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	196114	249.572	ug/l	98
59) 2-Hexanone	10.843	43	166782	253.417	ug/l	95
60) Dibromochloromethane	10.996	129	80387	54.007	ug/l	99
61) 1,2-Dibromoethane	11.105	107	57075	54.631	ug/l	100
64) Tetrachloroethene	10.734	164	107799	54.315	ug/l	96
65) Chlorobenzene	11.526	112	253934	54.967	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	84776	54.952	ug/l	99
67) Ethyl Benzene	11.605	91	450868	56.826	ug/l	98
68) m/p-Xylenes	11.715	106	344230	111.841	ug/l	98
69) o-Xylene	12.044	106	159050	56.601	ug/l	99
70) Styrene	12.057	104	266652	57.016	ug/l	100
71) Bromoform	12.221	173	45193	55.623	ug/l #	96
73) Isopropylbenzene	12.343	105	413916	55.692	ug/l	99
74) N-amyl acetate	12.154	43	77223	50.522	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	62275	54.419	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	85558	91.721	ug/l #	100
77) Bromobenzene	12.617	156	93014	54.969	ug/l	99
78) n-propylbenzene	12.684	91	510048	56.691	ug/l	100
79) 2-Chlorotoluene	12.770	91	276065	55.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	329403	56.617	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	21954	55.813	ug/l	97
82) 4-Chlorotoluene	12.867	91	278986	55.112	ug/l	98
83) tert-Butylbenzene	13.087	119	300862	57.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	321022	56.283	ug/l	98
85) sec-Butylbenzene	13.264	105	446167	56.541	ug/l	100
86) p-Isopropyltoluene	13.379	119	373529	57.010	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	184648	53.849	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	179353	54.485	ug/l	98
89) n-Butylbenzene	13.709	91	334211	56.382	ug/l	99
90) Hexachloroethane	13.971	117	72801	54.487	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	155066	54.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7923	52.460	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	78727	57.214	ug/l	98
94) Hexachlorobutadiene	15.123	225	47692	53.996	ug/l	99
95) Naphthalene	15.245	128	128293	50.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	64944	57.165	ug/l	99

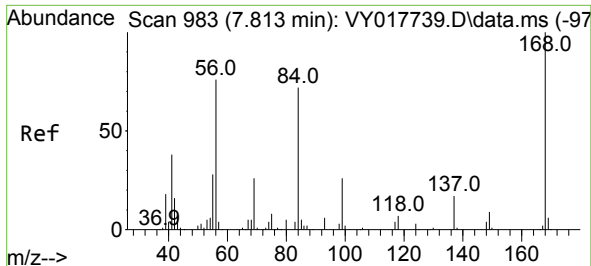
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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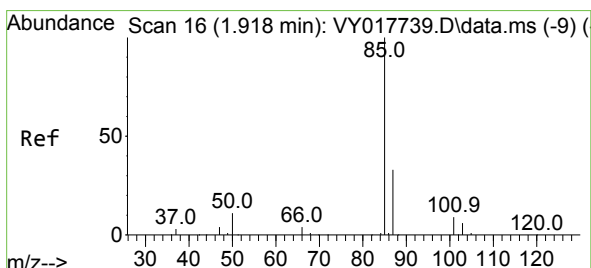
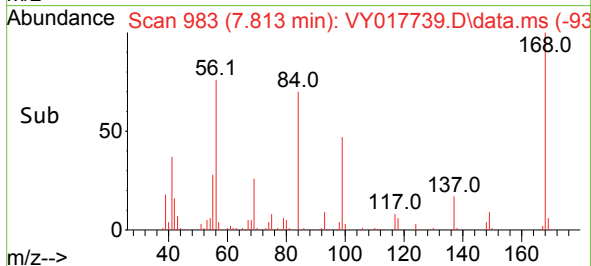
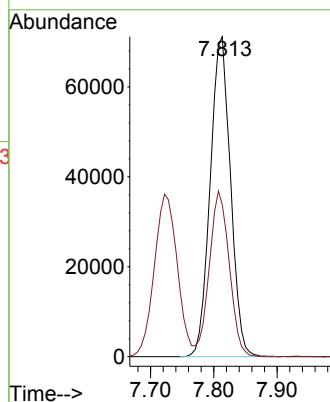
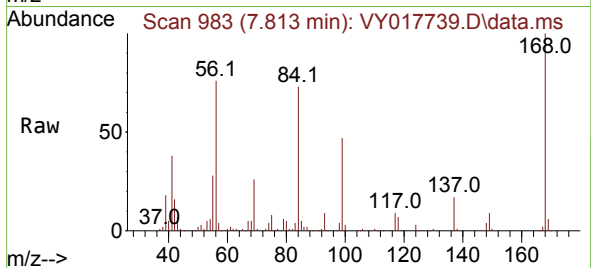
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

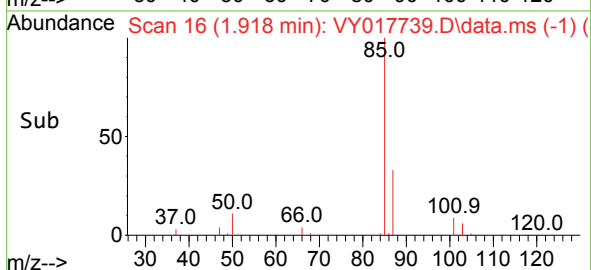
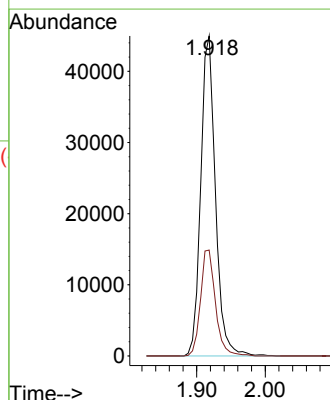
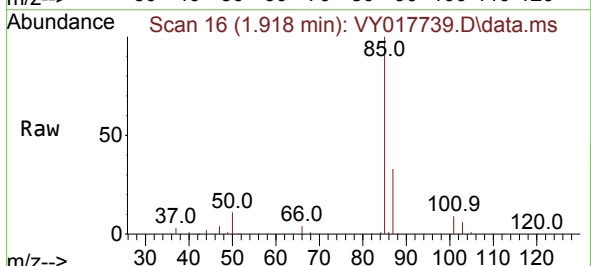
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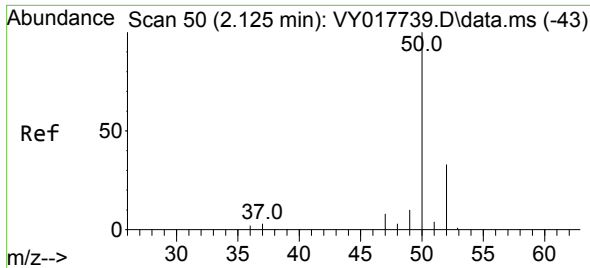
Tgt Ion:168 Resp: 158559
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.064 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 85 Resp: 67162
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

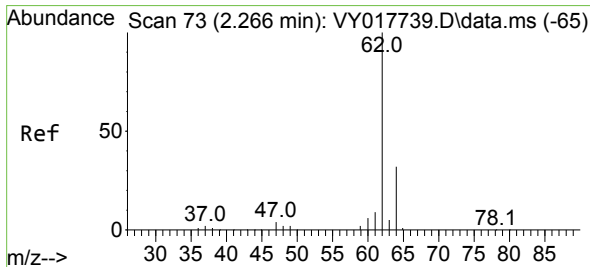
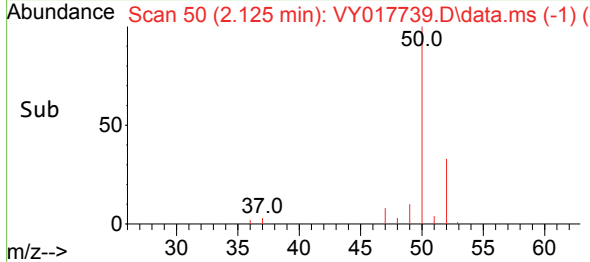
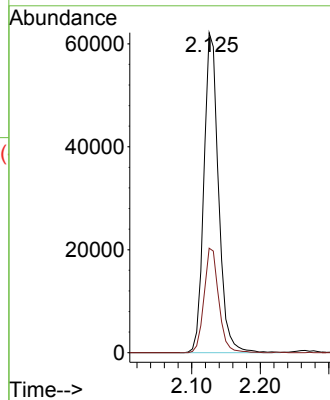
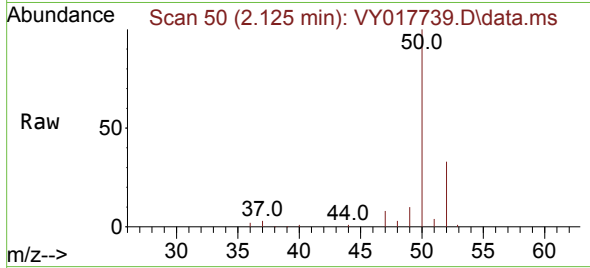




#3
Chloromethane
Concen: 52.137 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

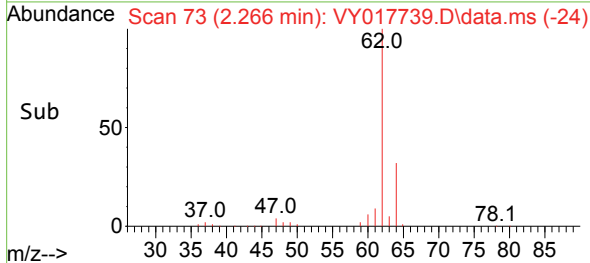
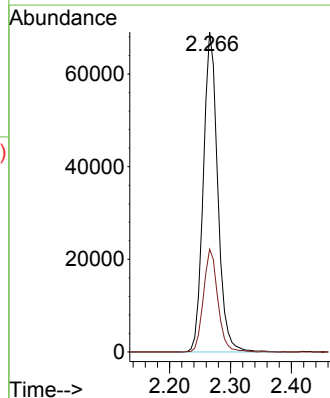
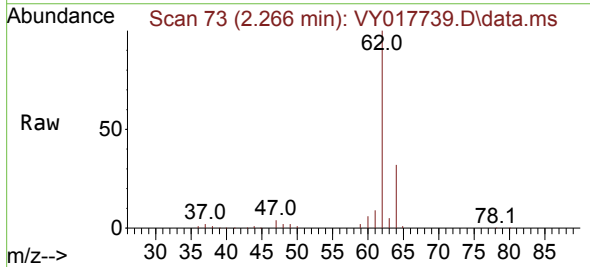
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

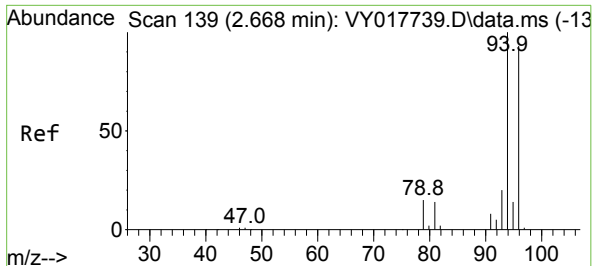
Tgt Ion: 50 Resp: 92455
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 52.923 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 62 Resp: 113472
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1





#5

Bromomethane

Concen: 49.200 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

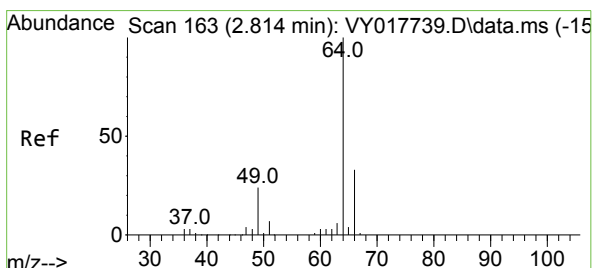
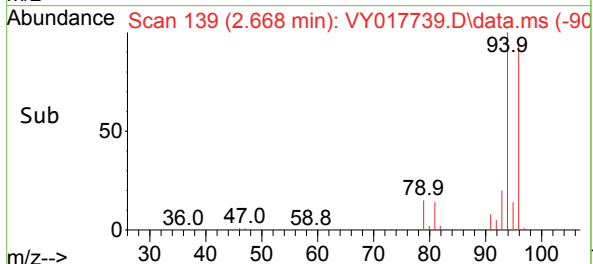
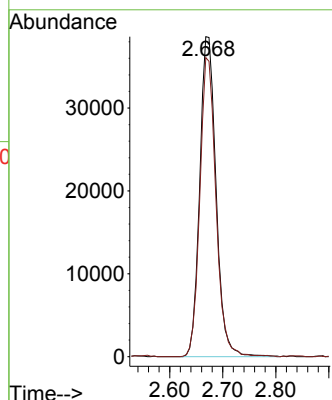
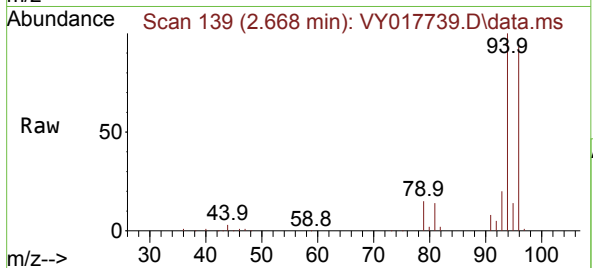
VSTDICCC050

Tgt Ion: 94 Resp: 82366

Ion Ratio Lower Upper

94 100

96 93.4 74.1 111.1



#6

Chloroethane

Concen: 51.510 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.000 min

Lab File: VY017739.D

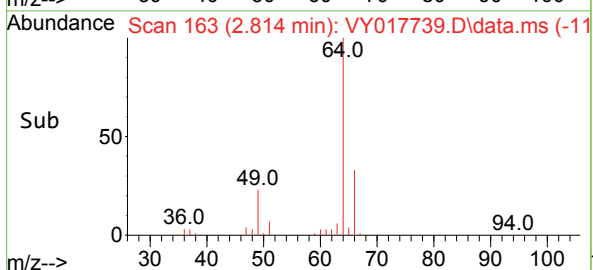
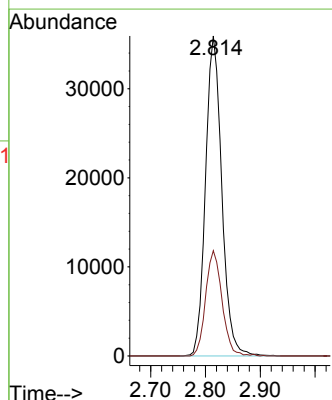
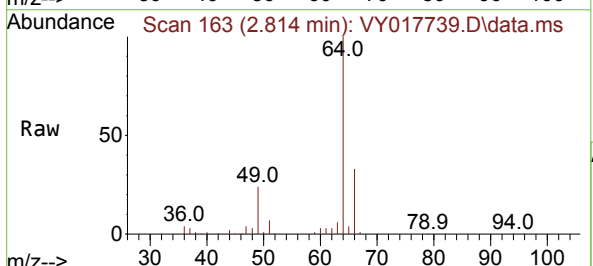
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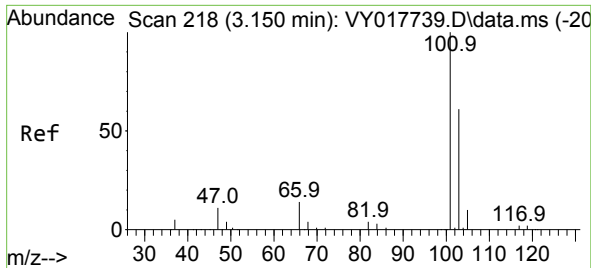
Tgt Ion: 64 Resp: 73812

Ion Ratio Lower Upper

64 100

66 32.9 26.1 39.1

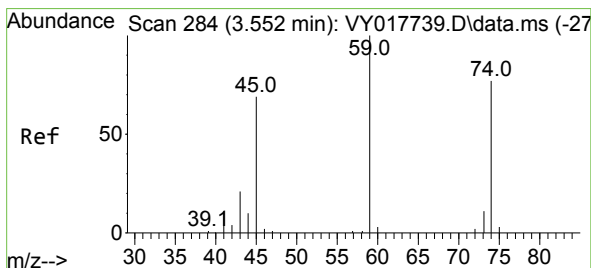
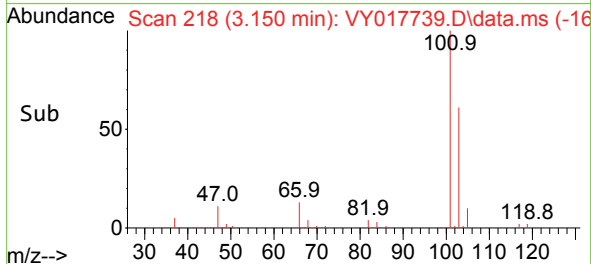
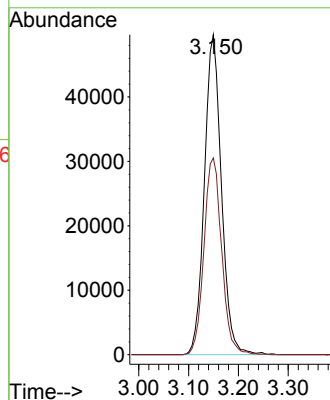
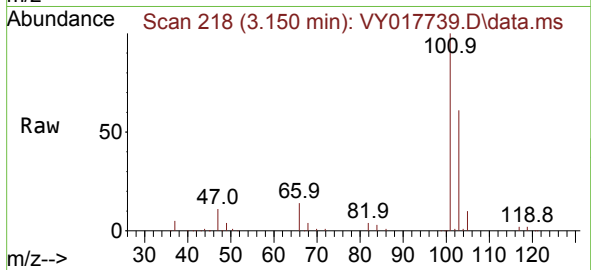




#7
 Trichlorofluoromethane
 Concen: 52.189 ug/l
 RT: 3.150 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

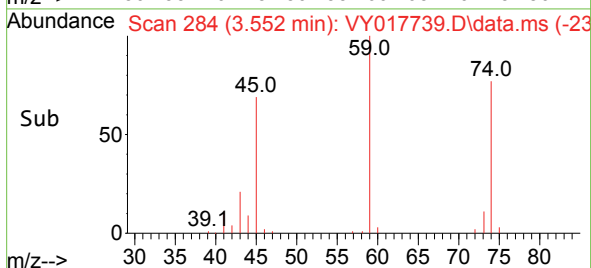
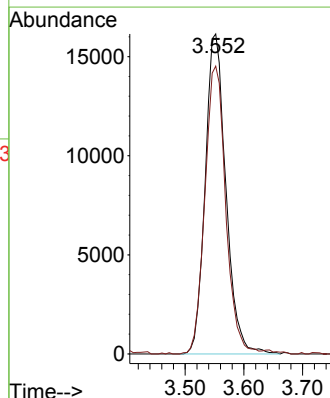
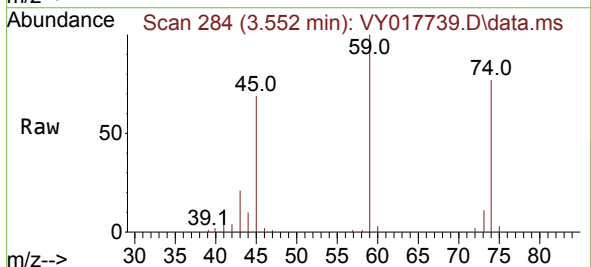
Instrument :
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 ClientSampleId :
 VSTDICCC050

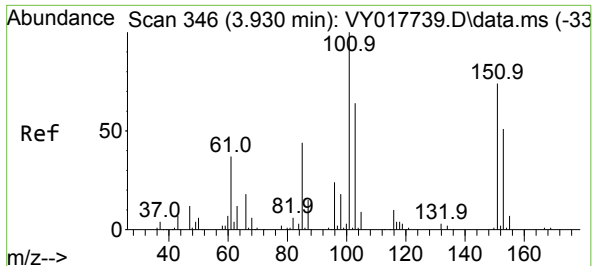
Tgt Ion:101 Resp: 117941
 Ion Ratio Lower Upper
 101 100
 103 61.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.068 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

Tgt Ion: 74 Resp: 39539
 Ion Ratio Lower Upper
 74 100
 45 90.8 41.3 124.1

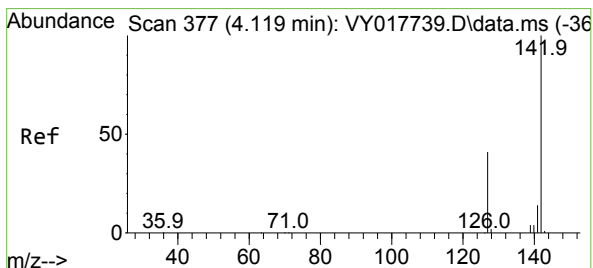
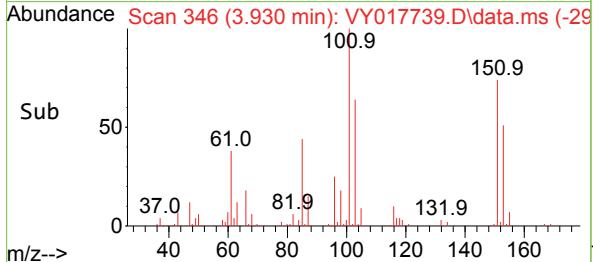
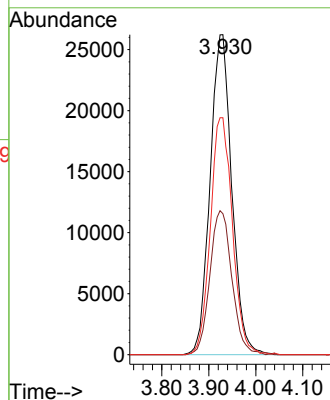
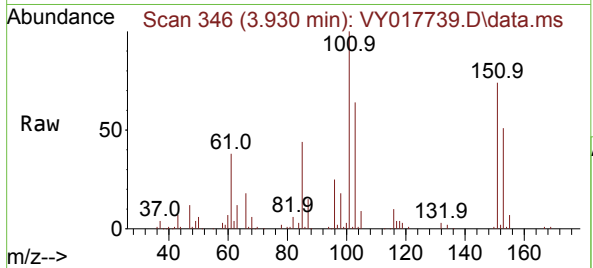




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.313 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

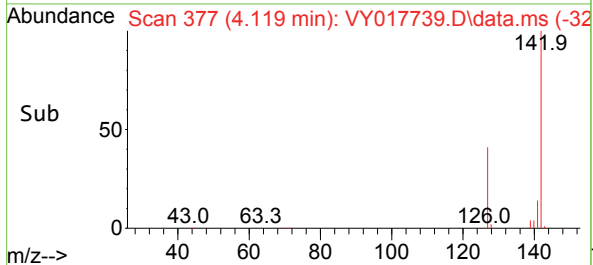
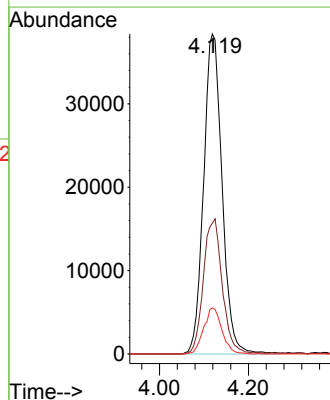
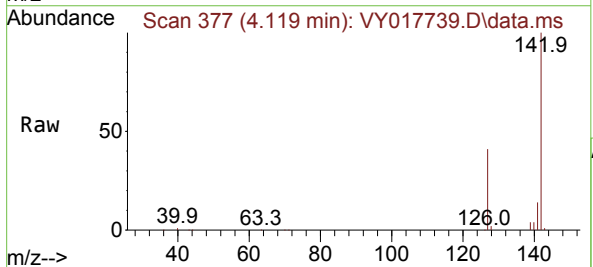
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

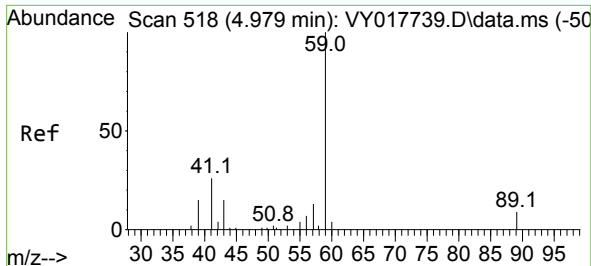
Tgt Ion:101 Resp: 84159
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 75.3 61.7 92.5



#10
Methyl Iodide
Concen: 56.555 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:142 Resp: 111218
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.2 11.4 17.2

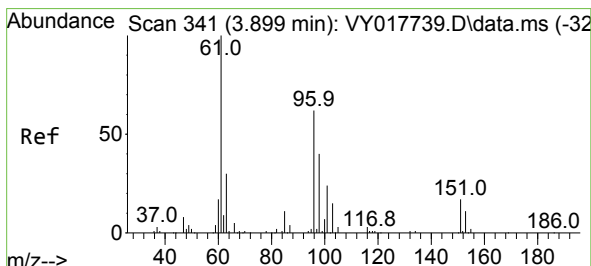
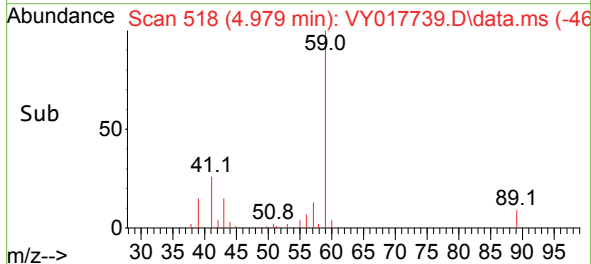
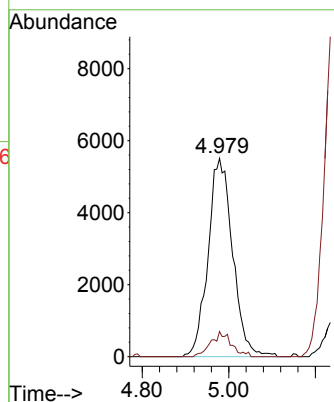
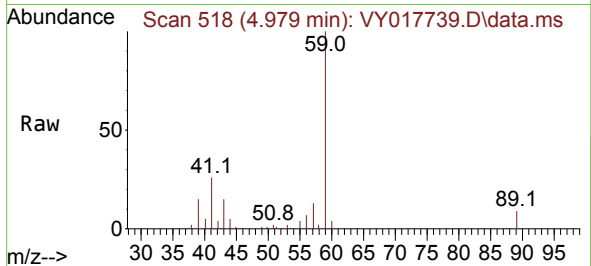




#11
Tert butyl alcohol
Concen: 236.203 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

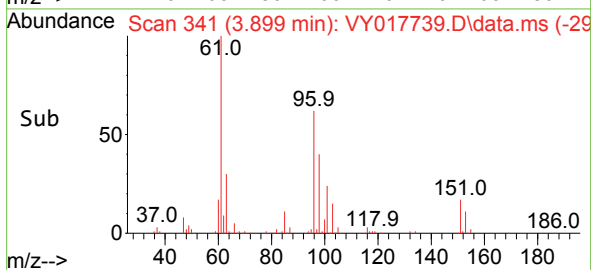
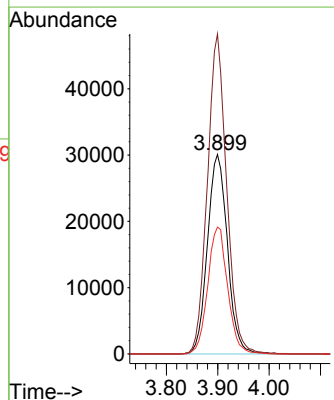
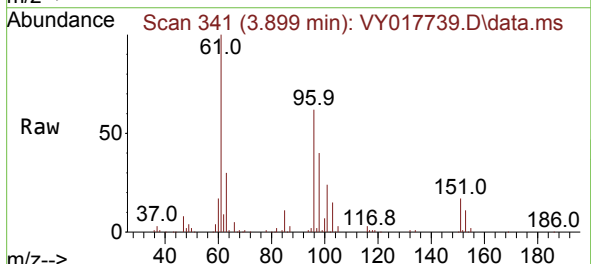
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

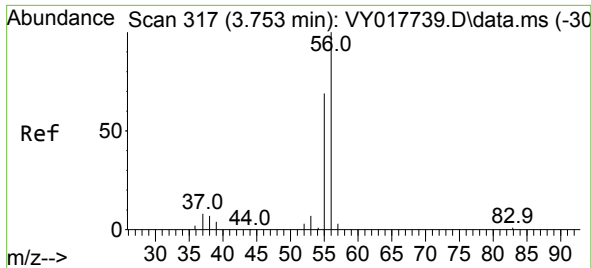
Tgt Ion: 59 Resp: 21702
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.740 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 96 Resp: 81322
Ion Ratio Lower Upper
96 100
61 160.4 114.6 171.8
98 63.7 50.8 76.2





#13

Acrolein

Concen: 272.131 ug/l

RT: 3.753 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

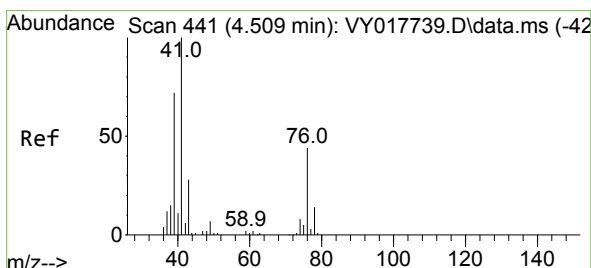
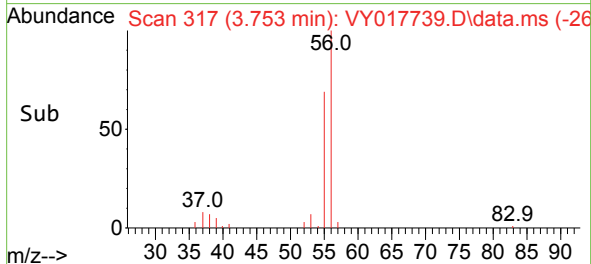
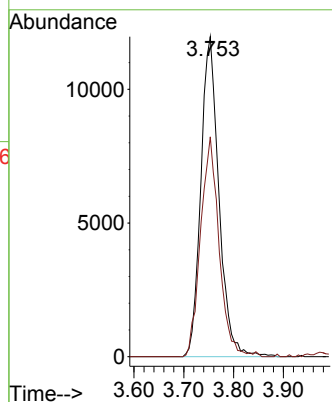
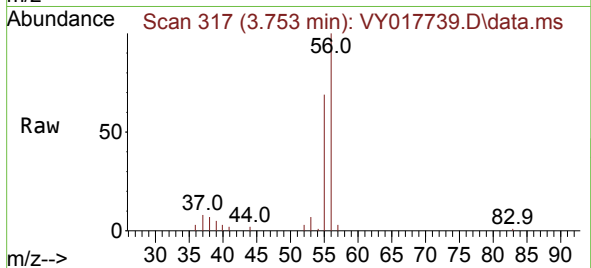
VSTDICCC050

Tgt Ion: 56 Resp: 30139

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 55.233 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

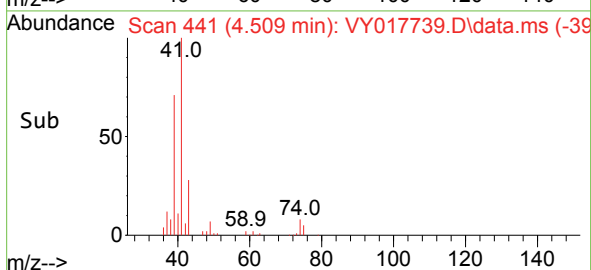
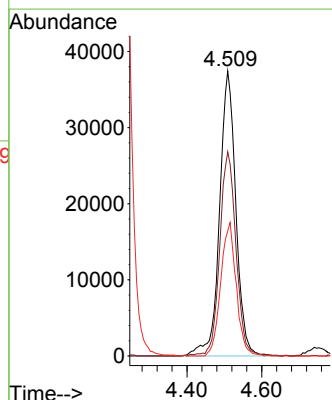
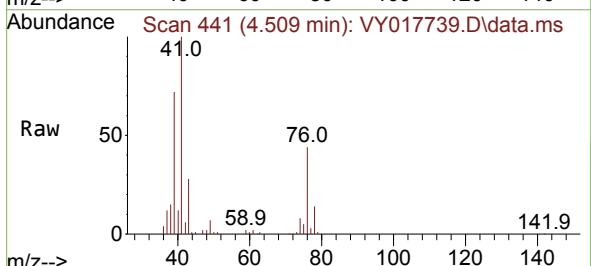
Tgt Ion: 41 Resp: 113271

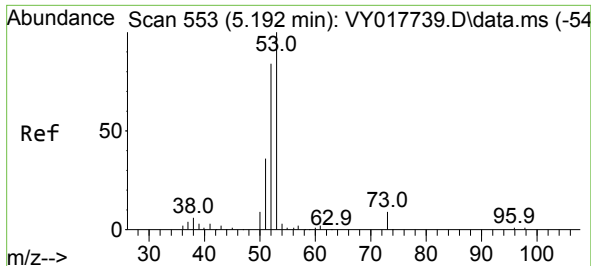
Ion Ratio Lower Upper

41 100

39 71.8 58.3 87.5

76 44.5 39.0 58.6

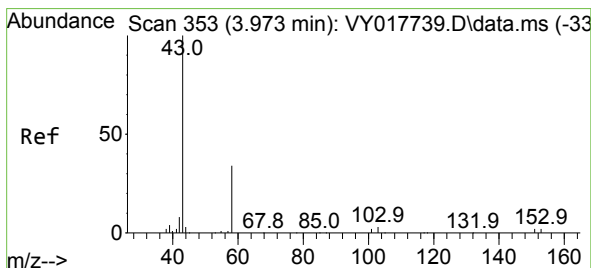
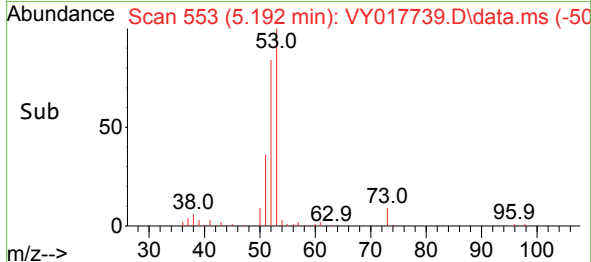
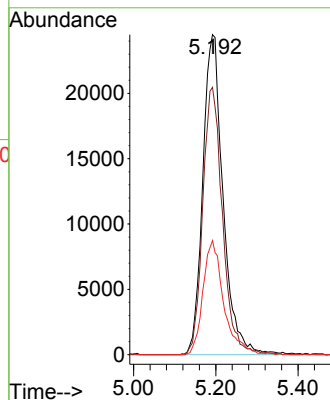
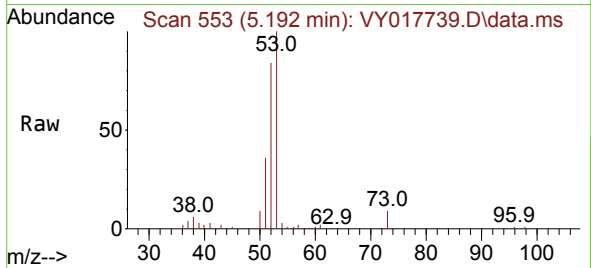




#15
Acrylonitrile
Concen: 271.514 ug/l
RT: 5.192 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

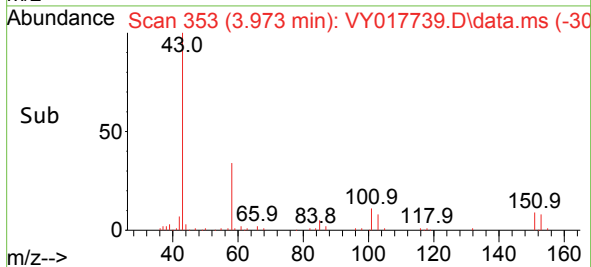
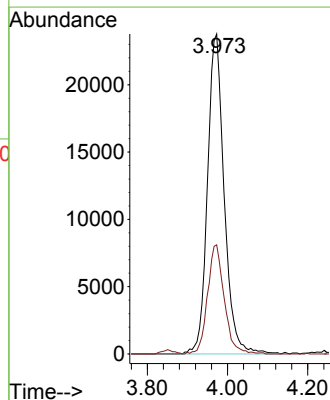
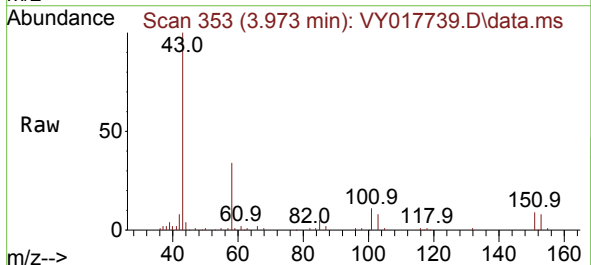
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

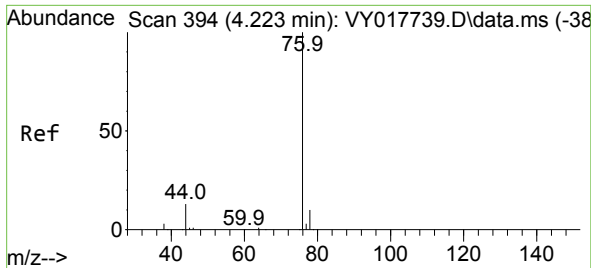
Tgt Ion:	53	Resp:	83802
Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.7	97.1
51	36.4	28.4	42.6



#16
Acetone
Concen: 284.087 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:	43	Resp:	68638
Ion	Ratio	Lower	Upper
43	100		
58	34.1	31.7	47.5





#17

Carbon Disulfide

Concen: 53.035 ug/l

RT: 4.223 min Scan# 394

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

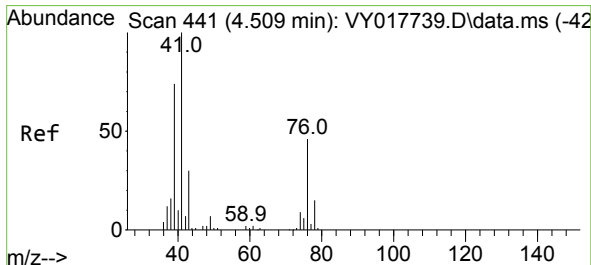
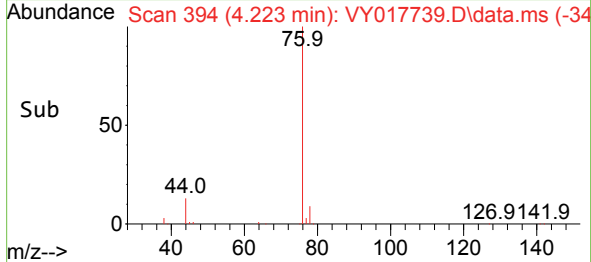
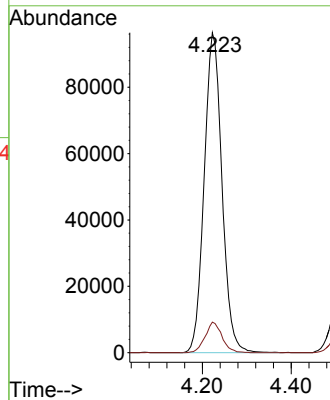
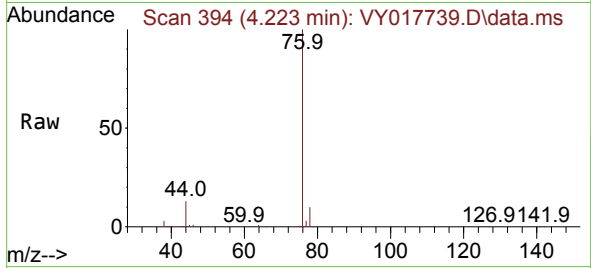
VSTDICCC050

Tgt Ion: 76 Resp: 268536

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2



#18

Methyl Acetate

Concen: 53.994 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.000 min

Lab File: VY017739.D

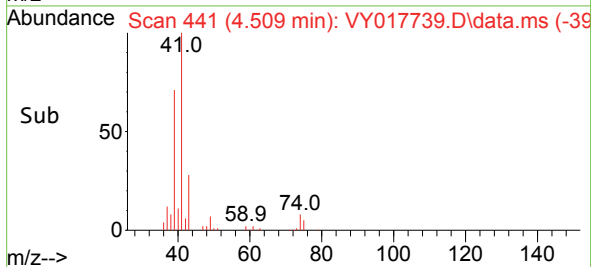
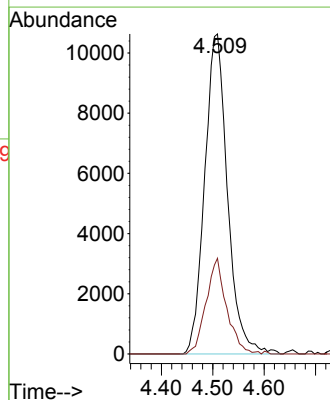
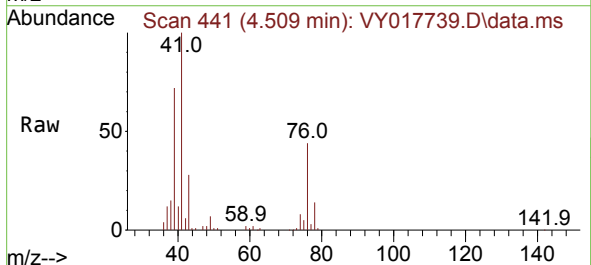
Acq: 22 Mar 2024 11:15

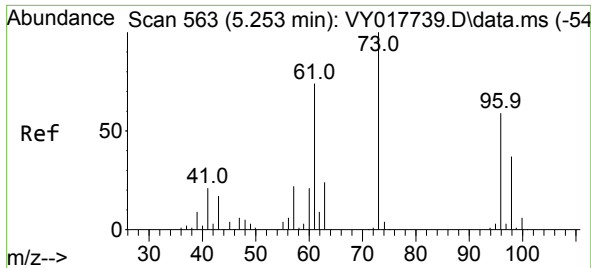
Tgt Ion: 43 Resp: 32845

Ion Ratio Lower Upper

43 100

74 26.9 23.3 34.9

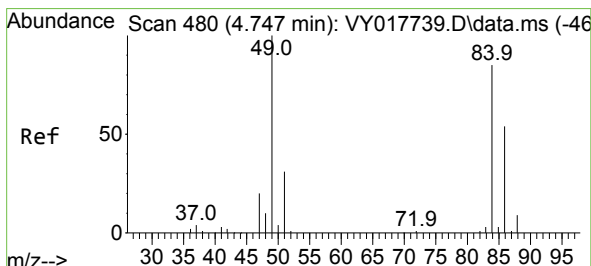
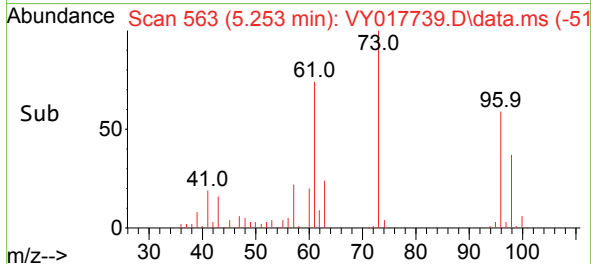
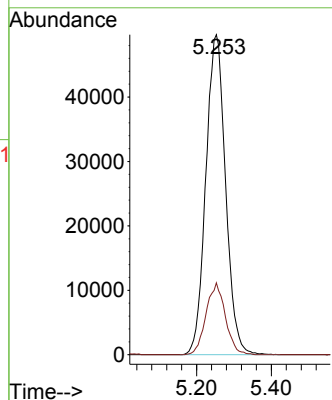
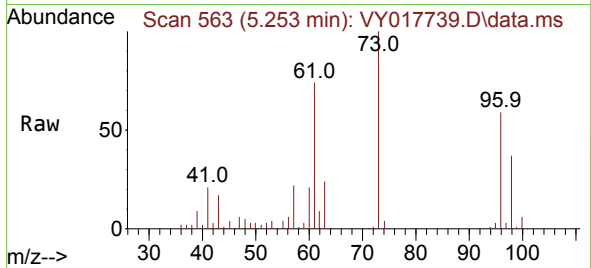




#19
Methyl tert-butyl Ether
Concen: 55.778 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

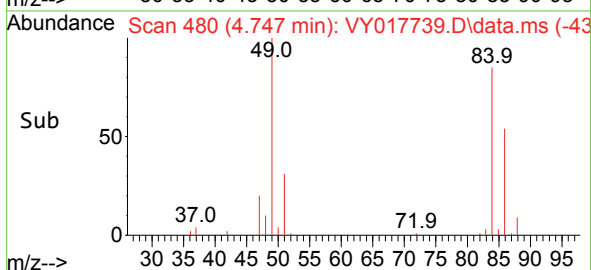
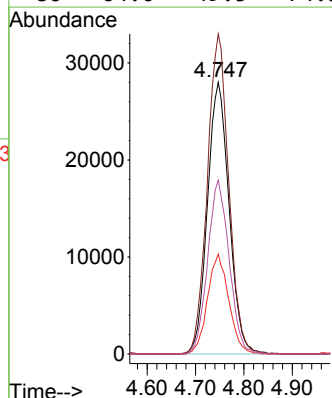
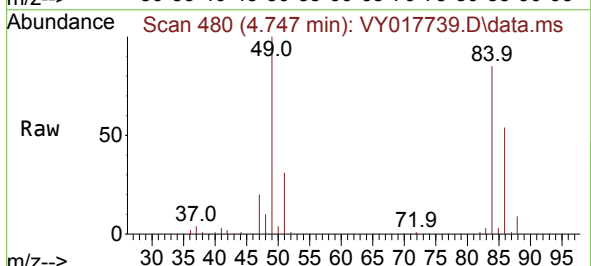
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

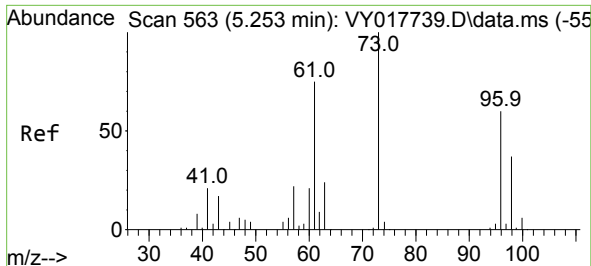
Tgt Ion: 73 Resp: 181989
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 49.510 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 84 Resp: 86996
Ion Ratio Lower Upper
84 100
49 117.8 84.4 126.6
51 36.8 26.0 39.0
86 64.0 49.5 74.3

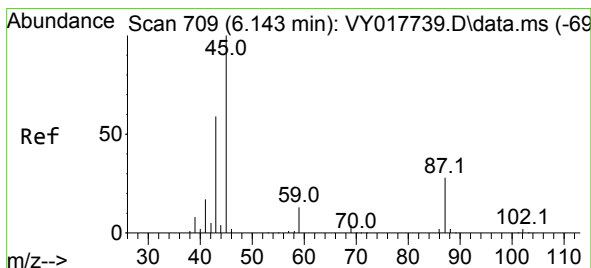
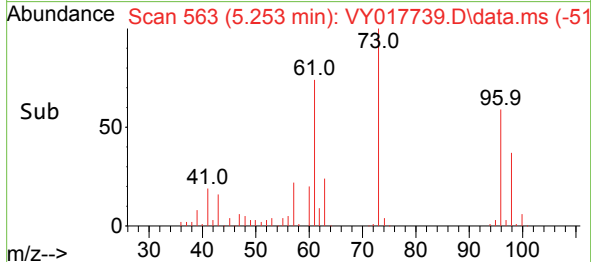
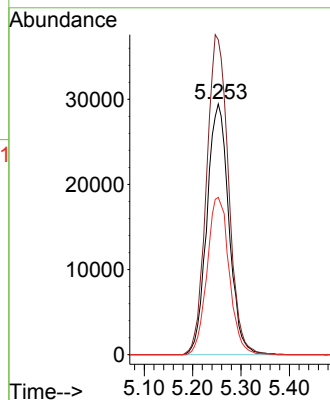
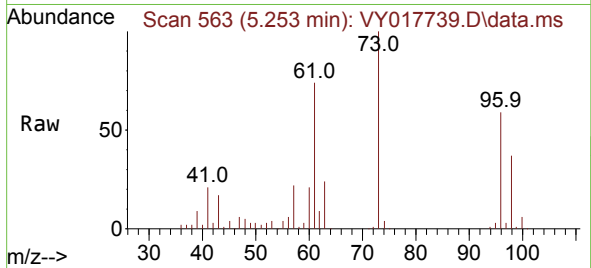




#21
trans-1,2-Dichloroethene
Concen: 53.917 ug/l
RT: 5.253 min Scan# 563
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

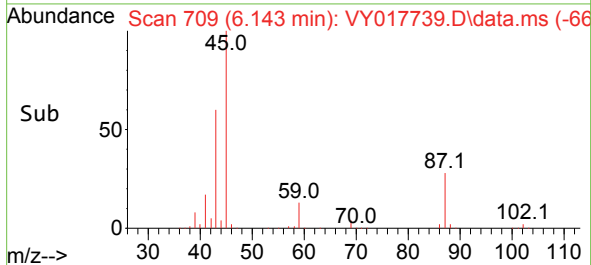
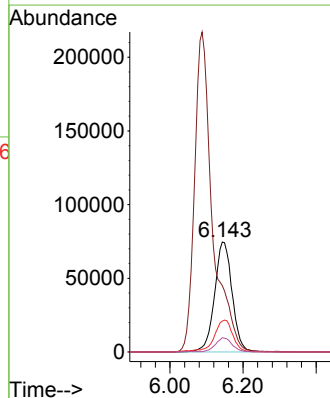
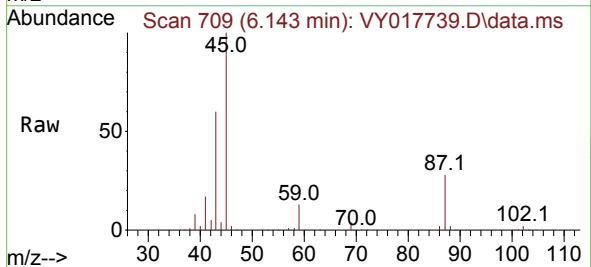
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

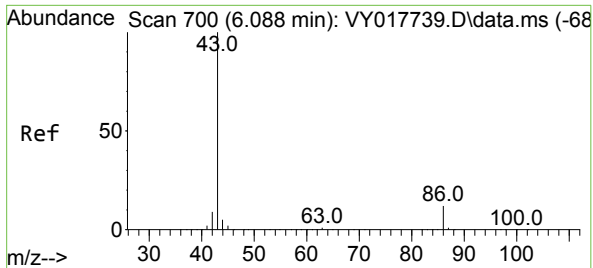
Tgt Ion:	96	Resp:	93013
Ion	Ratio	Lower	Upper
96	100		
61	125.6	97.5	146.3
98	62.7	50.5	75.7



#22
Diisopropyl ether
Concen: 55.814 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:	45	Resp:	249221
Ion	Ratio	Lower	Upper
45	100		
43	60.1	42.2	63.2
87	28.2	25.0	37.6
59	13.0	10.5	15.7

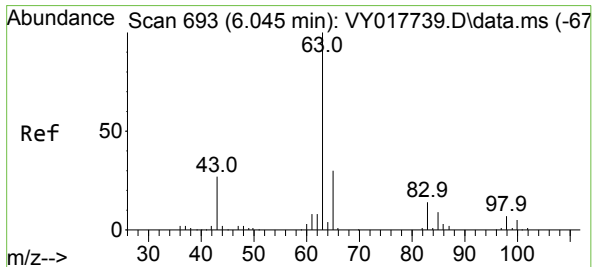
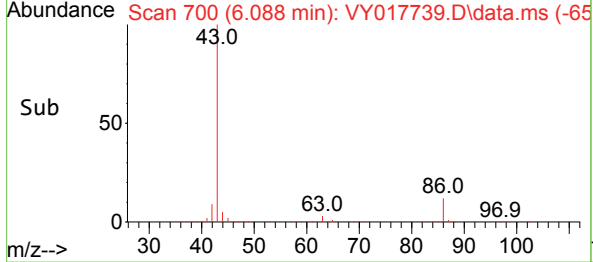
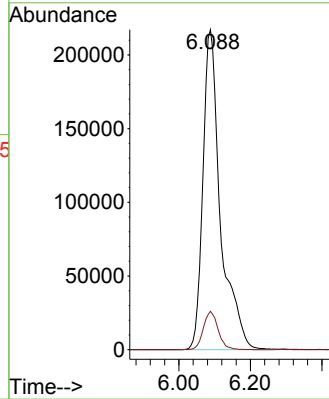
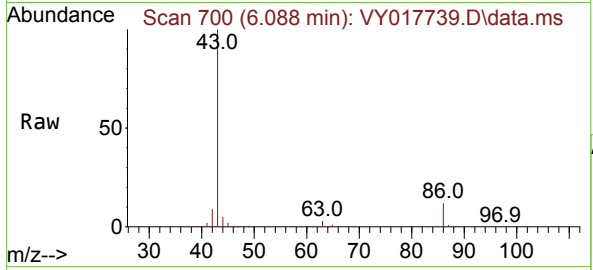




#23
Vinyl Acetate
Concen: 282.533 ug/l
RT: 6.088 min Scan# 700
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

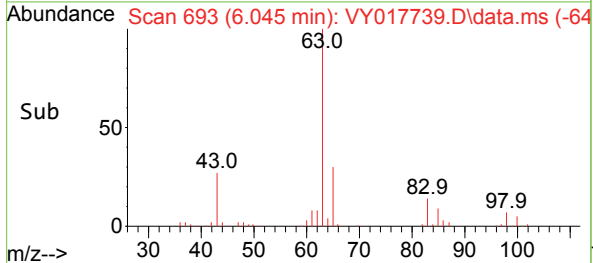
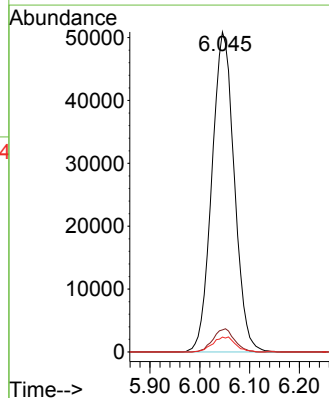
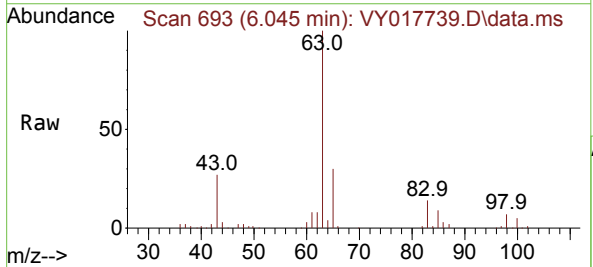
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

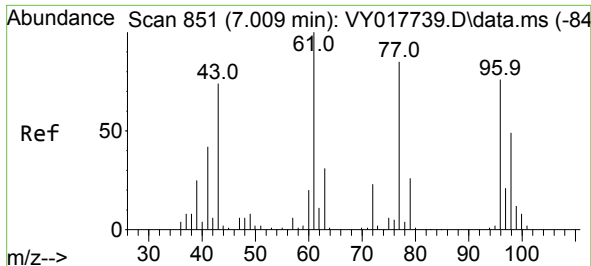
Tgt Ion: 43 Resp: 740979
Ion Ratio Lower Upper
43 100
86 12.0 10.6 16.0



#24
1,1-Dichloroethane
Concen: 54.165 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 63 Resp: 158970
Ion Ratio Lower Upper
63 100
98 6.9 4.0 12.2
100 4.7 2.6 8.0





#25

2-Butanone

Concen: 252.277 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

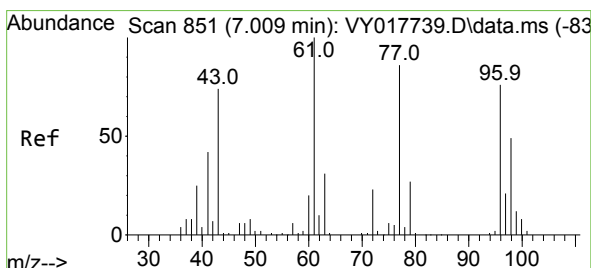
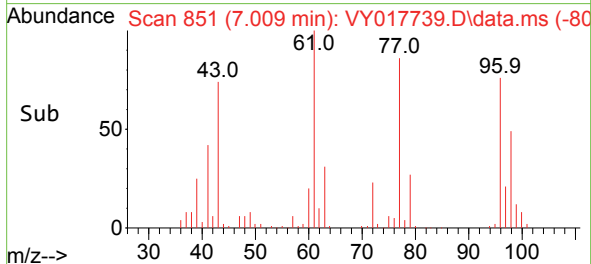
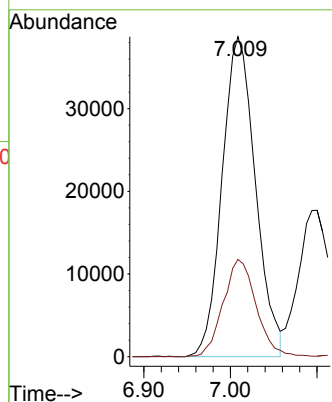
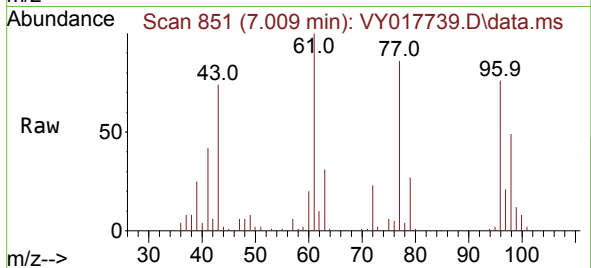
VSTDICCC050

Tgt Ion: 43 Resp: 103570

Ion Ratio Lower Upper

43 100

72 30.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 53.630 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY017739.D

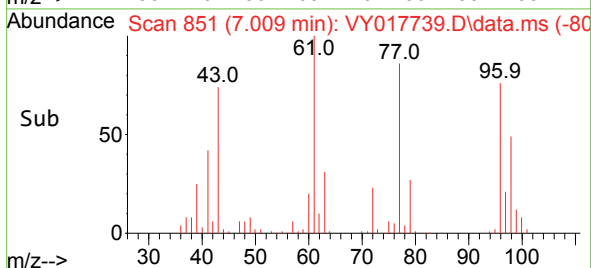
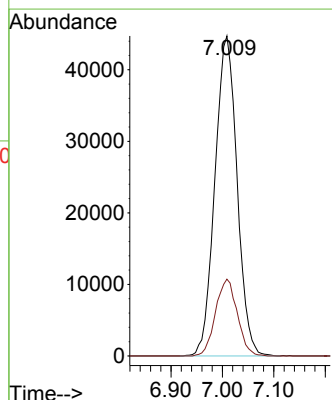
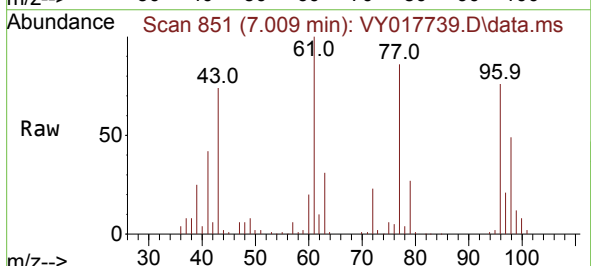
Acq: 22 Mar 2024 11:15

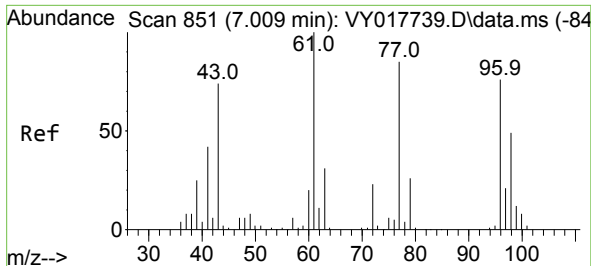
Tgt Ion: 77 Resp: 133791

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1

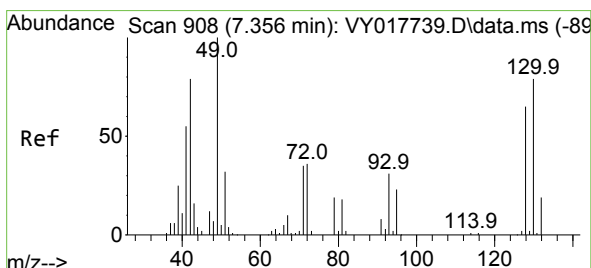
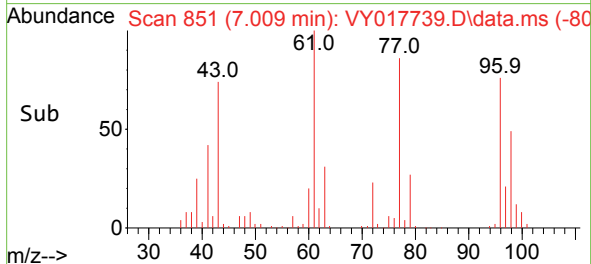
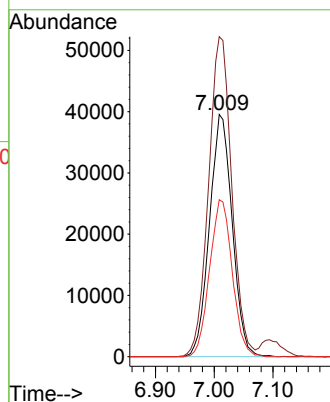
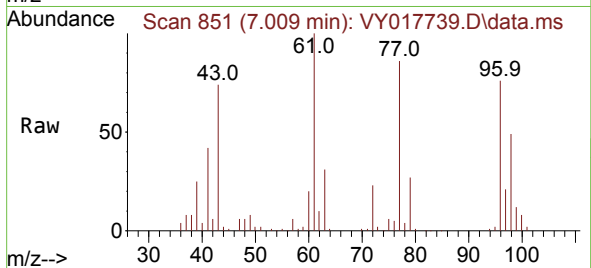




#27
 cis-1,2-Dichloroethene
 Concen: 54.523 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

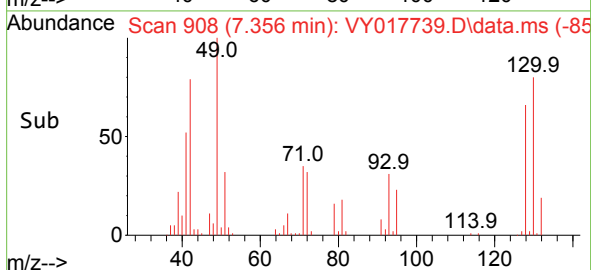
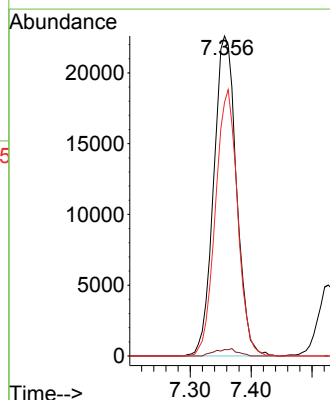
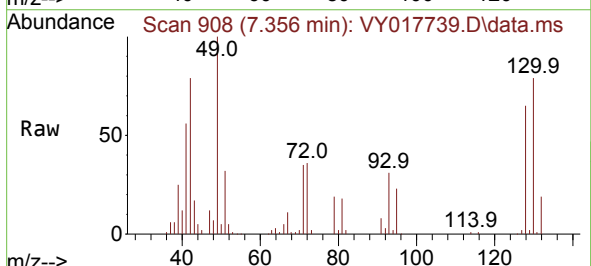
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

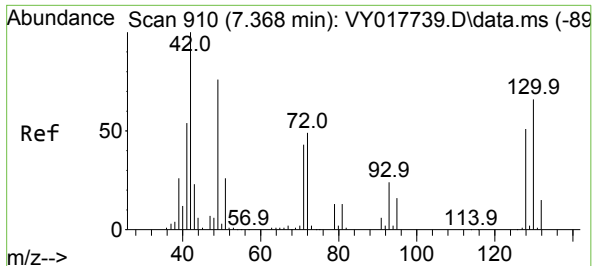
Tgt Ion: 96 Resp: 106394
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 51.571 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

Tgt Ion: 49 Resp: 58677
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 81.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 257.252 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

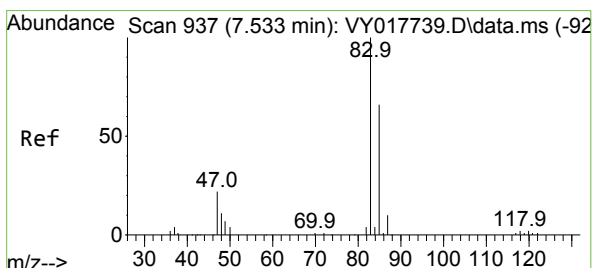
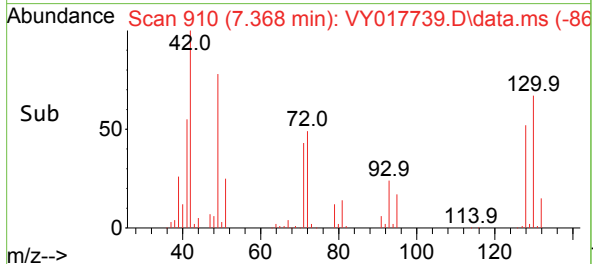
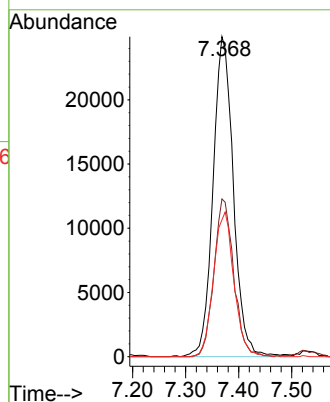
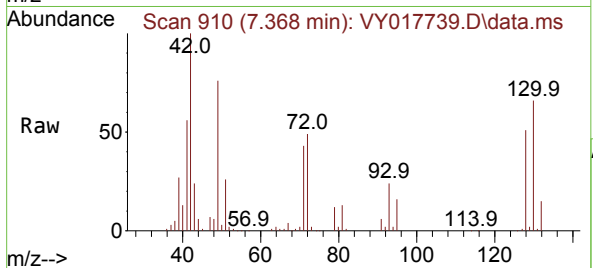
Tgt Ion: 42 Resp: 66437

Ion Ratio Lower Upper

42 100

72 48.0 43.0 64.4

71 45.5 40.8 61.2



#30

Chloroform

Concen: 53.267 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.000 min

Lab File: VY017739.D

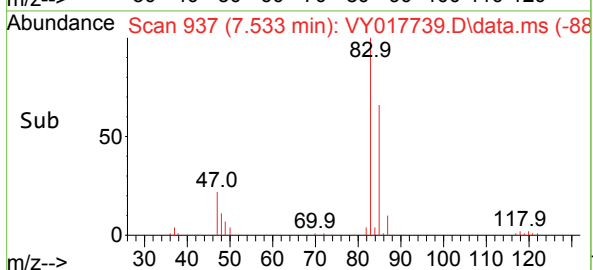
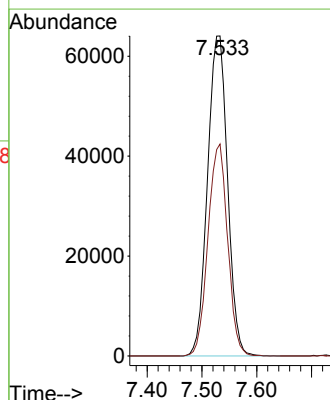
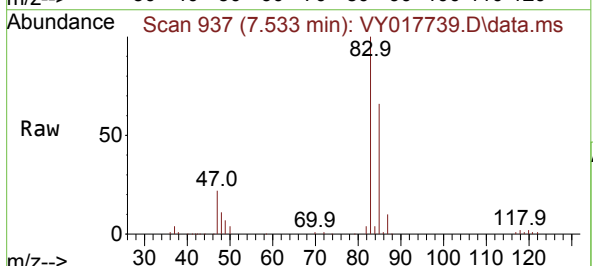
Acq: 22 Mar 2024 11:15

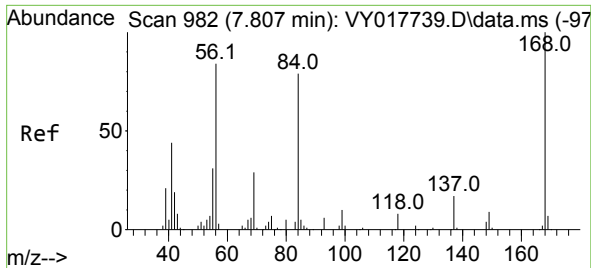
Tgt Ion: 83 Resp: 162068

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

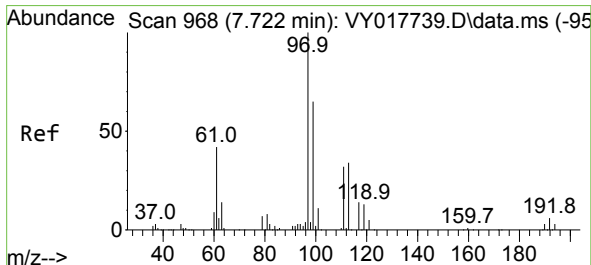
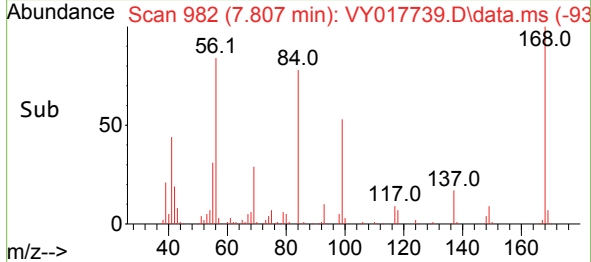
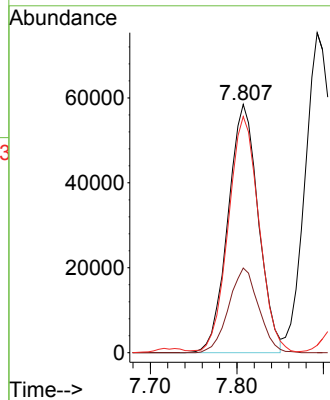
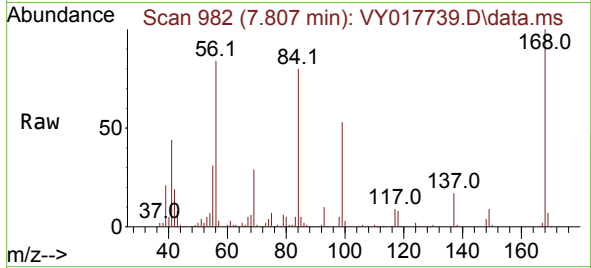




#31
Cyclohexane
Concen: 52.220 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

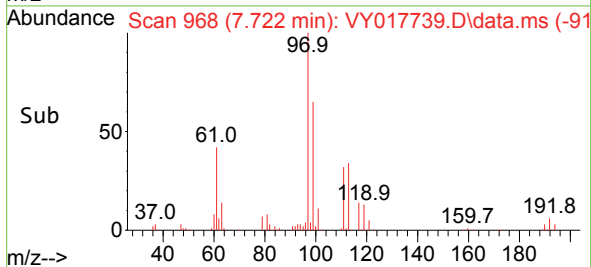
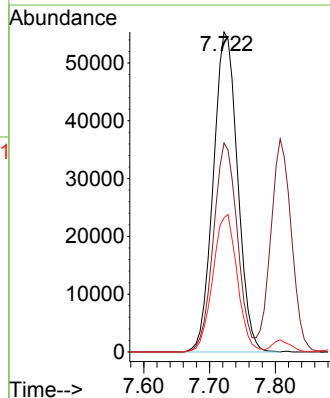
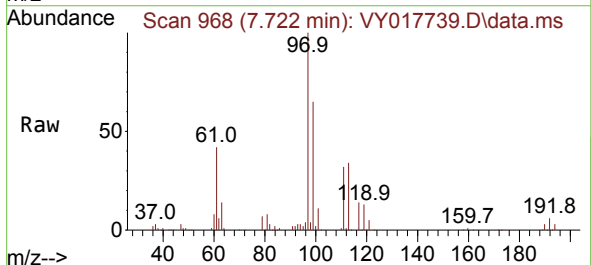
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

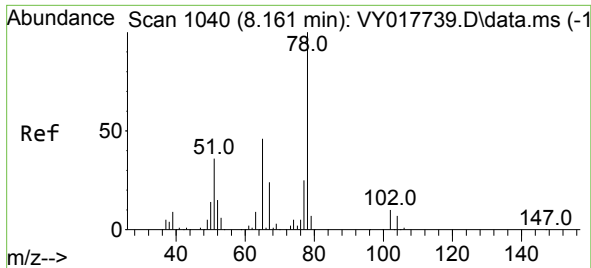
Tgt Ion: 56 Resp: 142666
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 93.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.695 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 97 Resp: 142280
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 43.3 32.6 48.8

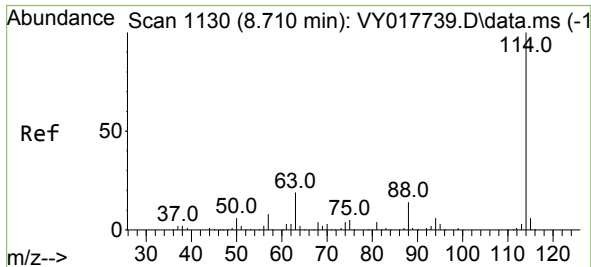
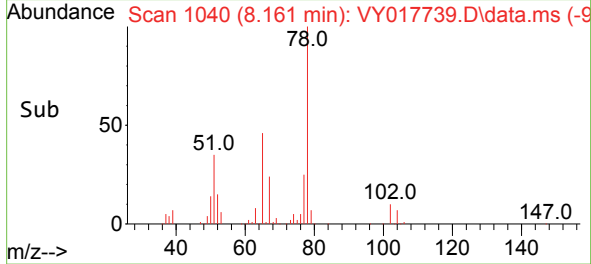
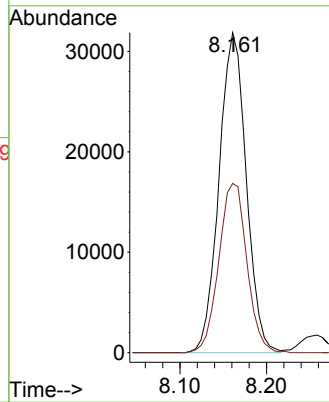
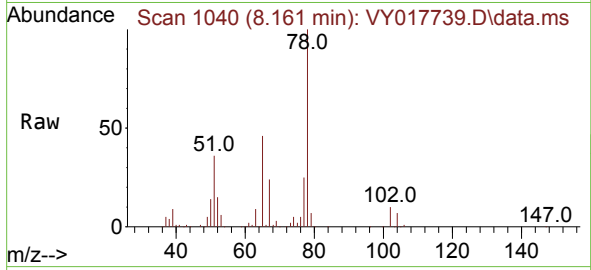




#33
 1,2-Dichloroethane-d4
 Concen: 50.408 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

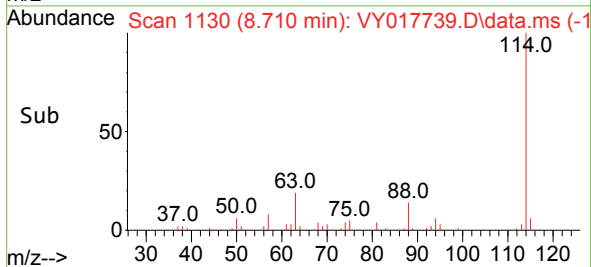
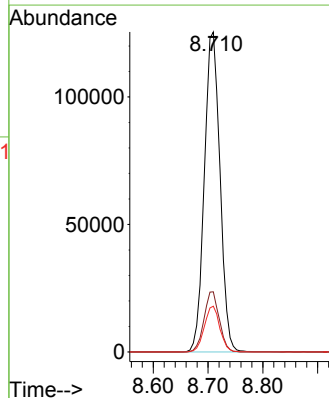
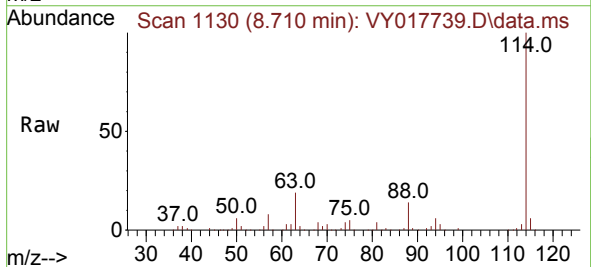
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

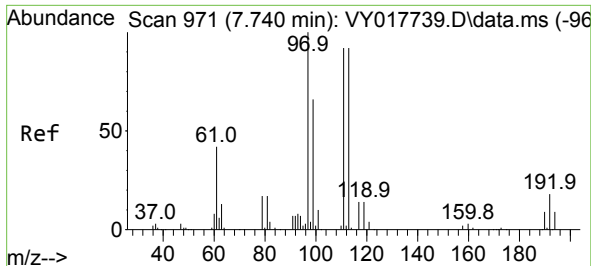
Tgt Ion: 65 Resp: 69631
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

Tgt Ion: 114 Resp: 247847
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.0
 88 14.3 0.0 27.2

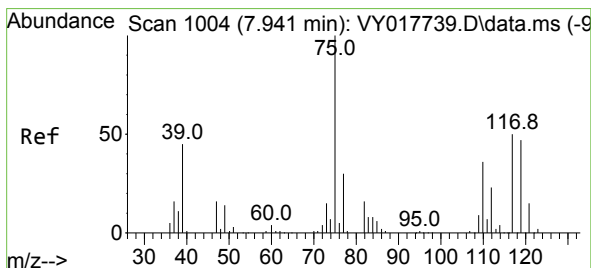
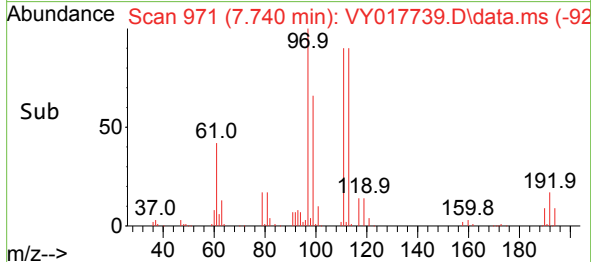
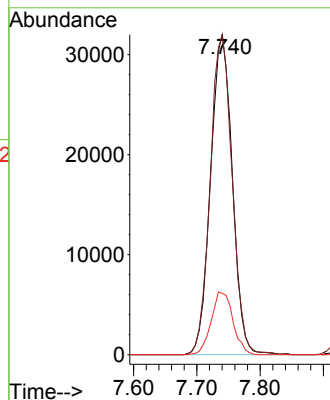
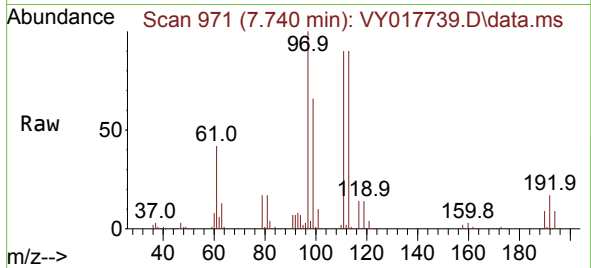




#35
Dibromofluoromethane
Concen: 51.491 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

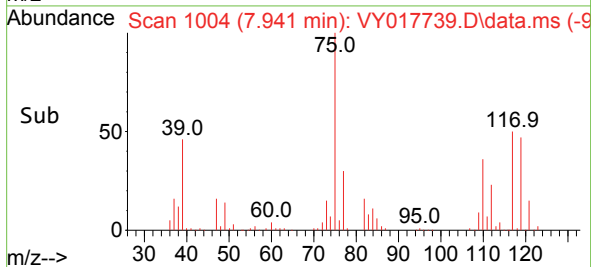
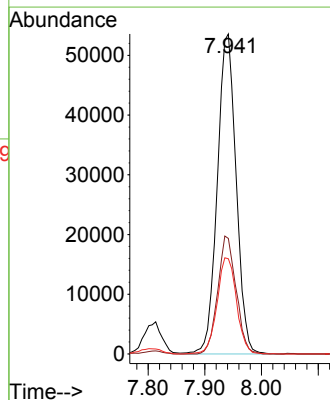
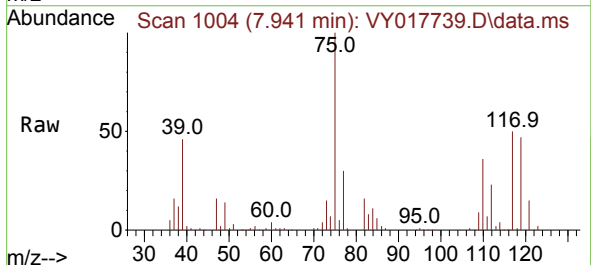
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

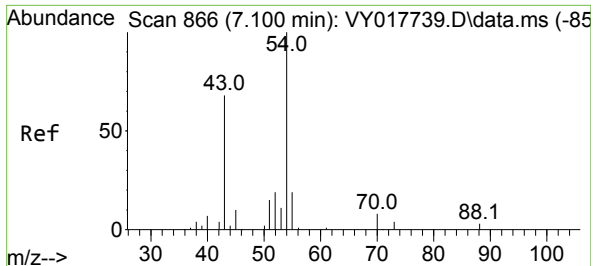
Tgt Ion:113 Resp: 76285
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.068 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 75 Resp: 123752
Ion Ratio Lower Upper
75 100
110 35.9 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 54.382 ug/l

RT: 7.100 min Scan# 866

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

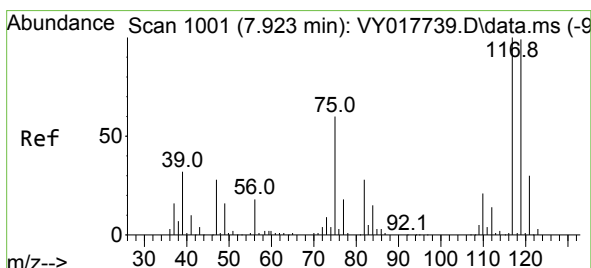
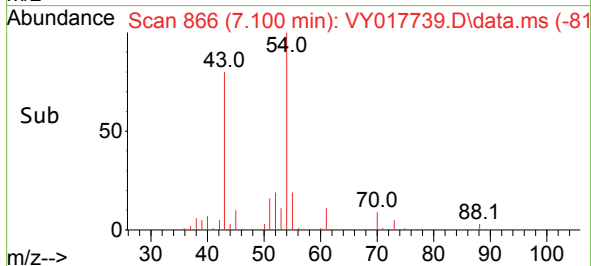
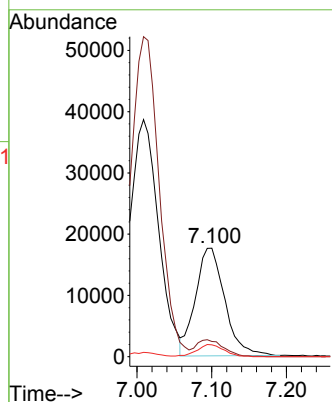
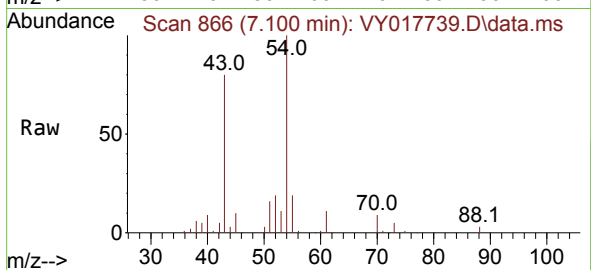
Tgt Ion: 43 Resp: 47829

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 10.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.375 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

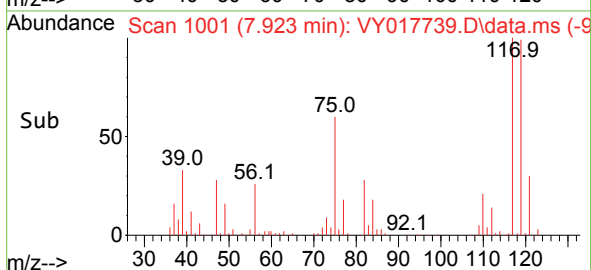
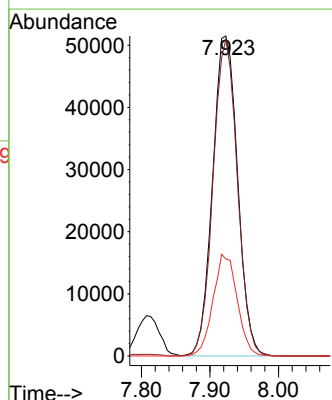
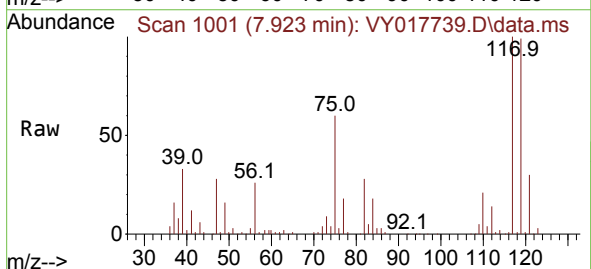
Tgt Ion: 117 Resp: 130313

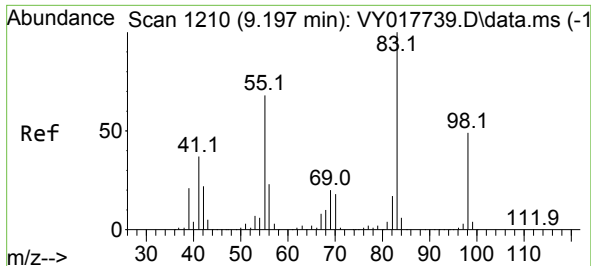
Ion Ratio Lower Upper

117 100

119 98.9 75.8 113.6

121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 56.514 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

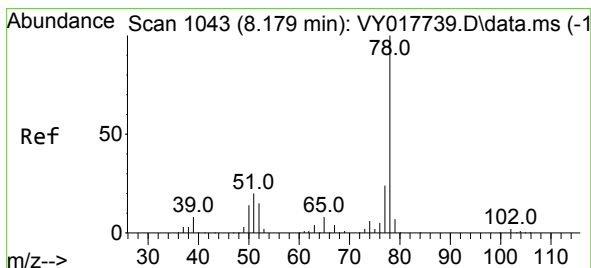
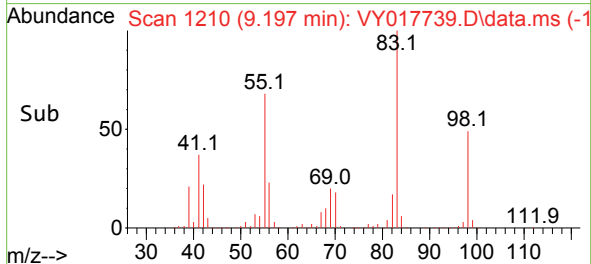
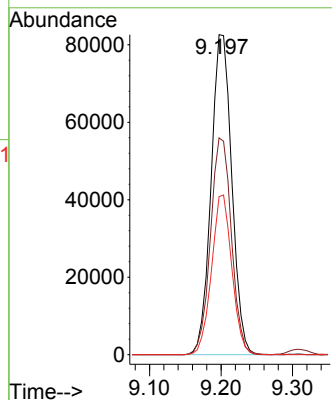
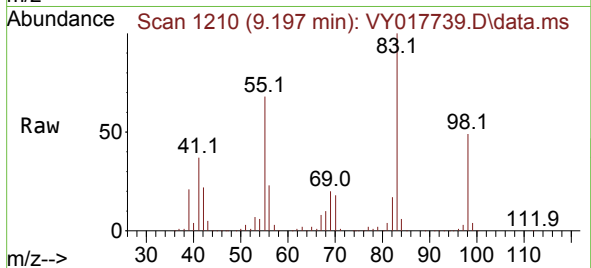
Tgt Ion: 83 Resp: 166044

Ion Ratio Lower Upper

83 100

55 67.7 51.5 77.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 55.007 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY017739.D

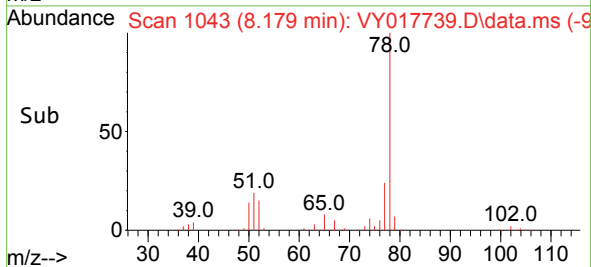
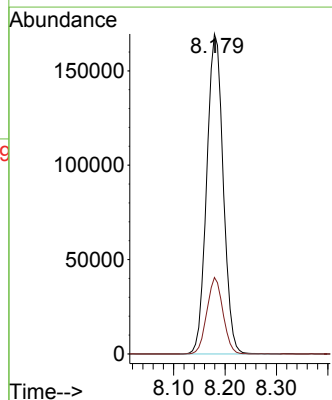
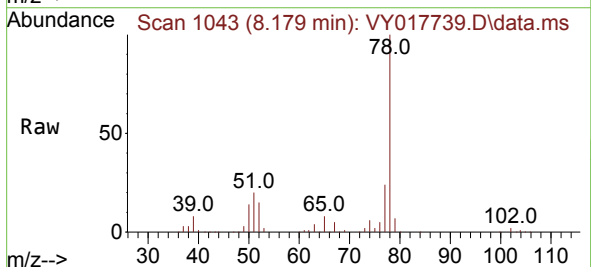
Acq: 22 Mar 2024 11:15

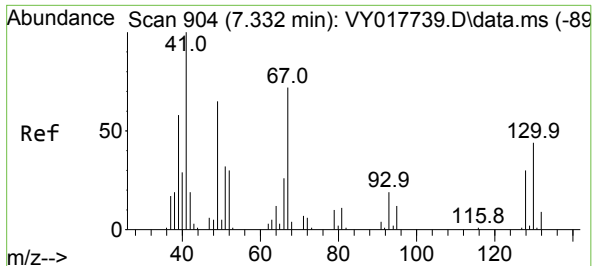
Tgt Ion: 78 Resp: 376869

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3



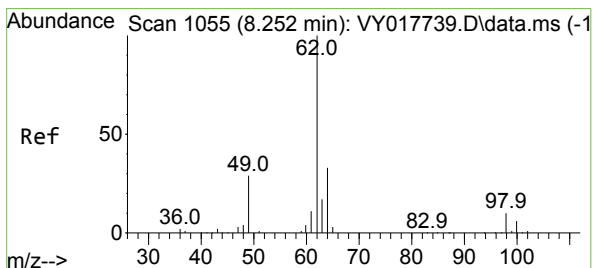
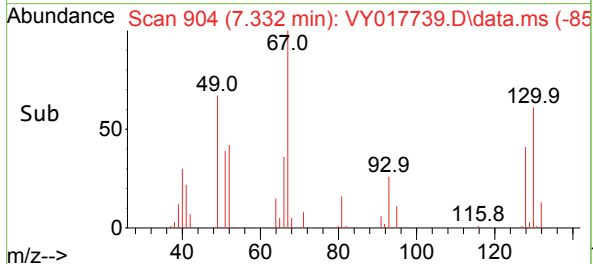
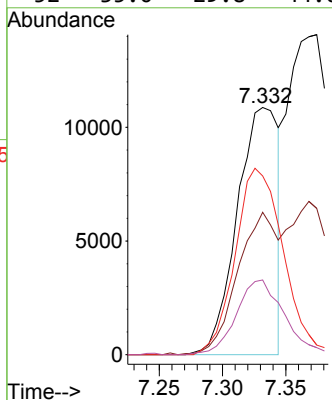
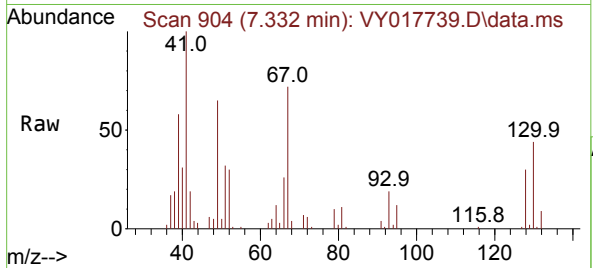


#41
Methacrylonitrile
Concen: 56.830 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 24689

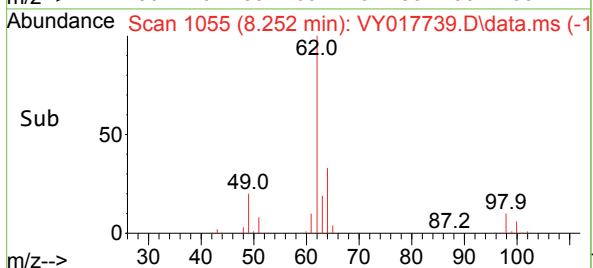
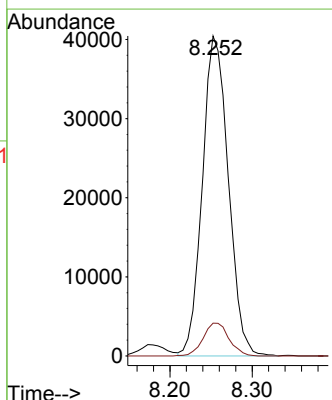
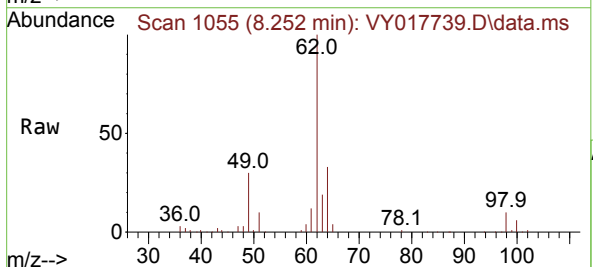
Ion	Ratio	Lower	Upper
41	100		
39	55.2	48.0	72.0
67	88.3	75.1	112.7
52	35.0	29.8	44.6

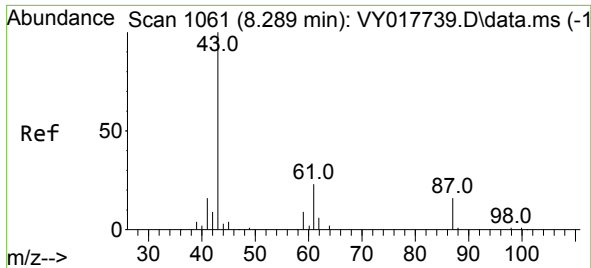


#42
1,2-Dichloroethane
Concen: 54.117 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 62 Resp: 88807

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0

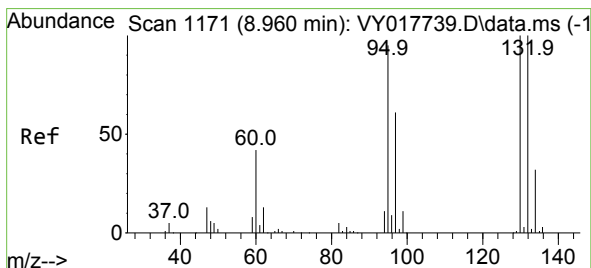
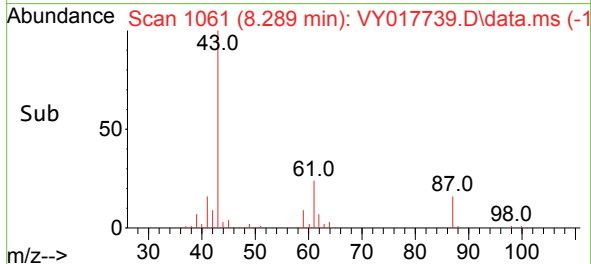
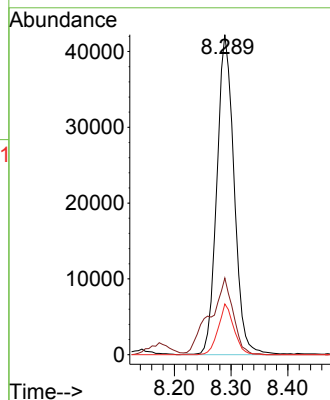
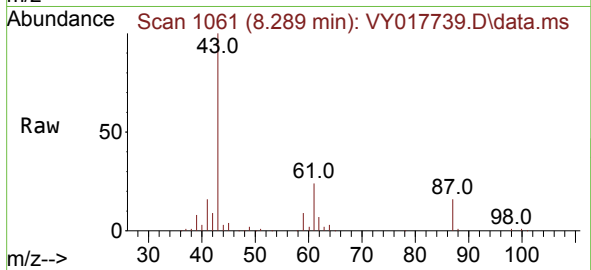




#43
Isopropyl Acetate
Concen: 51.142 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

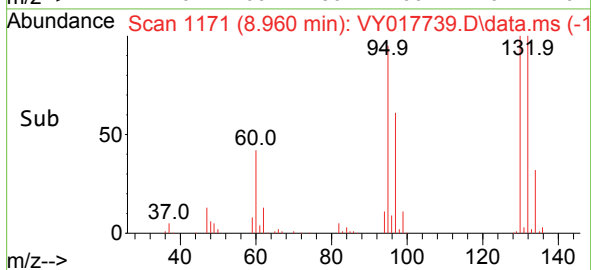
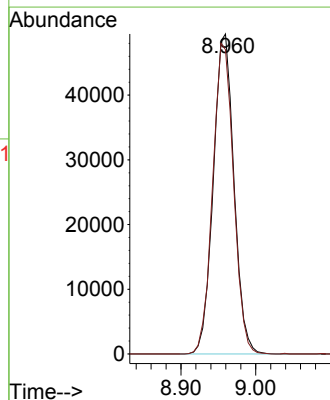
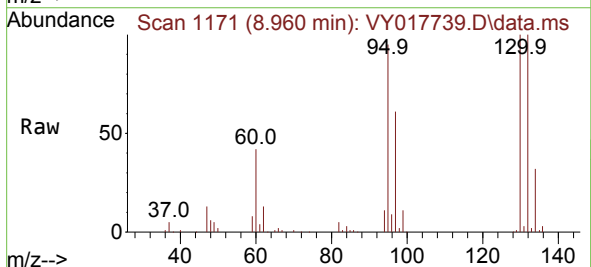
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

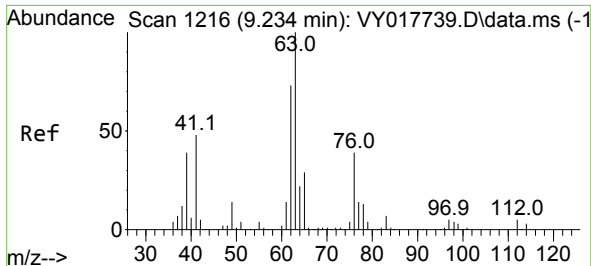
Tgt Ion: 43 Resp: 89016
Ion Ratio Lower Upper
43 100
61 32.4 27.9 41.9
87 14.4 13.1 19.7



#44
Trichloroethene
Concen: 53.009 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:130 Resp: 94995
Ion Ratio Lower Upper
130 100
95 95.1 0.0 188.0

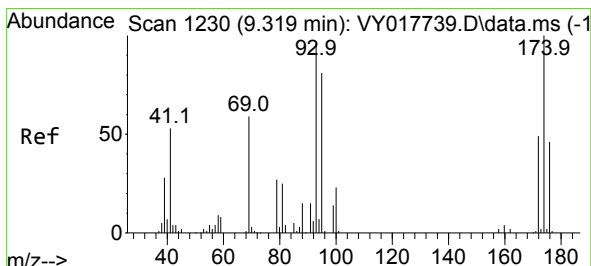
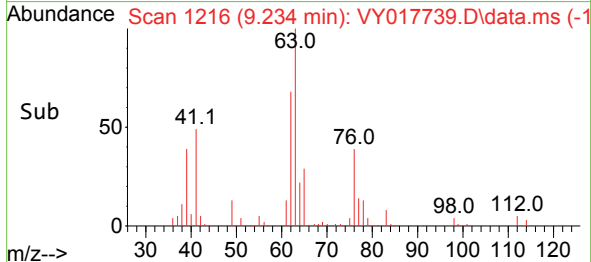
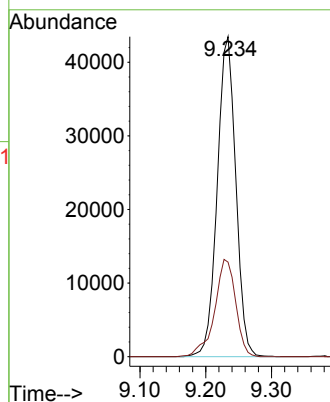
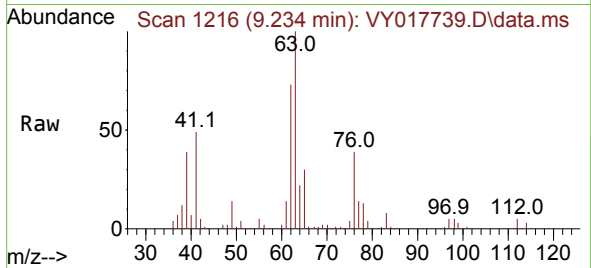




#45
1,2-Dichloropropane
Concen: 54.660 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

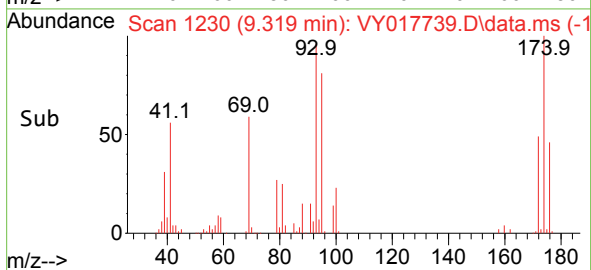
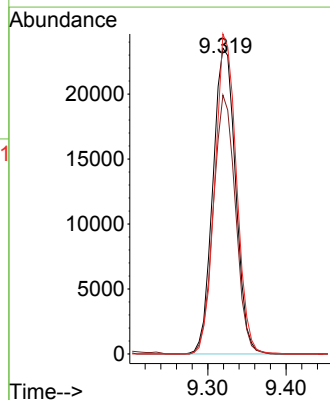
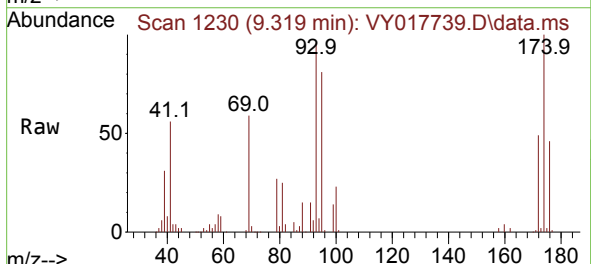
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

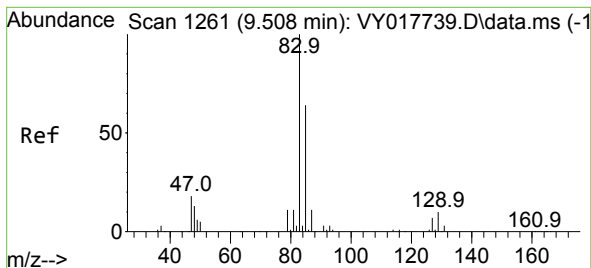
Tgt Ion: 63 Resp: 85327
Ion Ratio Lower Upper
63 100
65 29.5 25.4 38.2



#46
Dibromomethane
Concen: 54.514 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 93 Resp: 47421
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 99.6 80.9 121.3





#47

Bromodichloromethane

Concen: 54.773 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

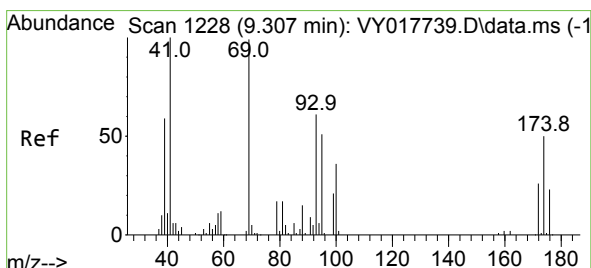
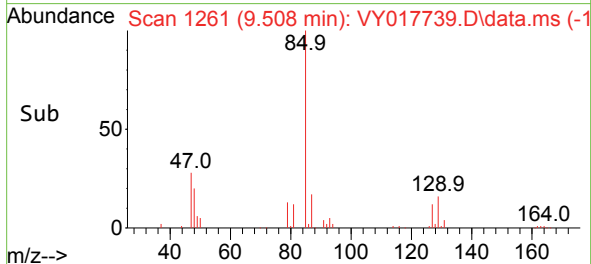
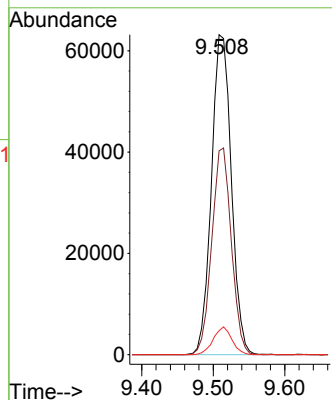
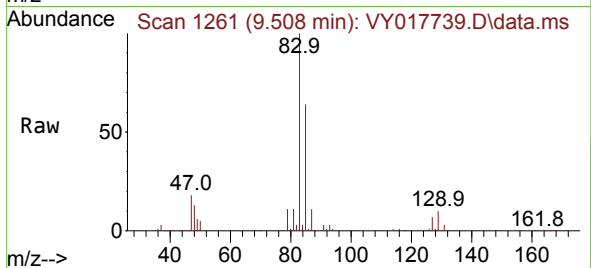
Tgt Ion: 83 Resp: 121831

Ion Ratio Lower Upper

83 100

85 63.7 50.1 75.1

127 7.5 7.4 11.0



#48

Methyl methacrylate

Concen: 50.952 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

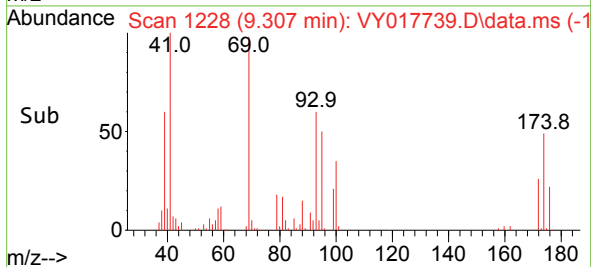
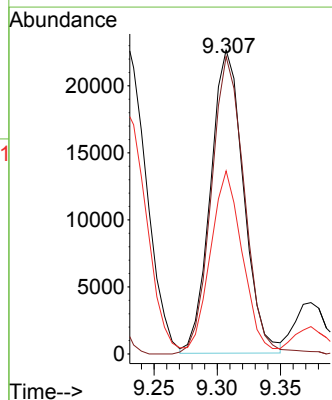
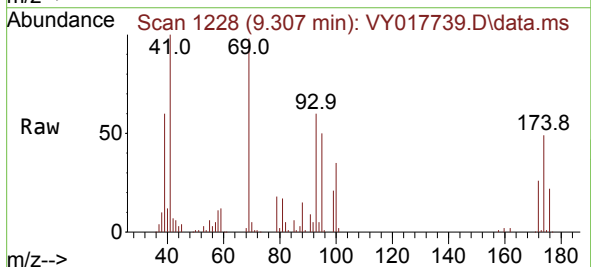
Tgt Ion: 41 Resp: 41261

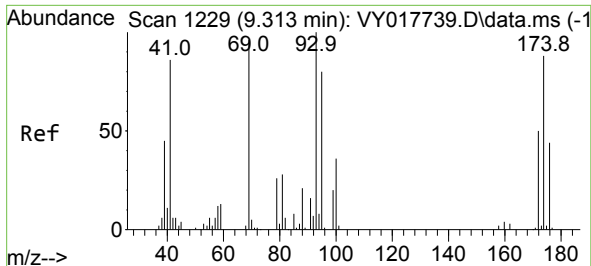
Ion Ratio Lower Upper

41 100

69 97.8 84.1 126.1

39 55.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1112.107 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

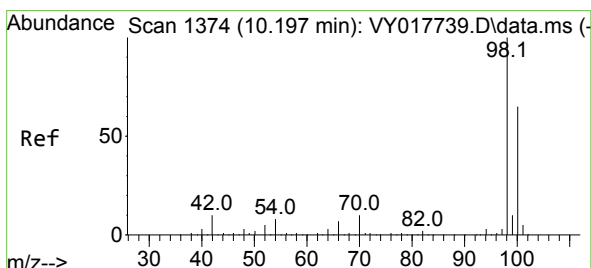
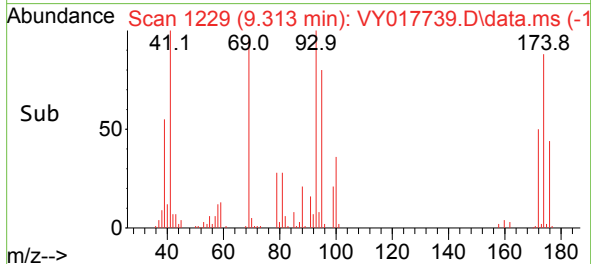
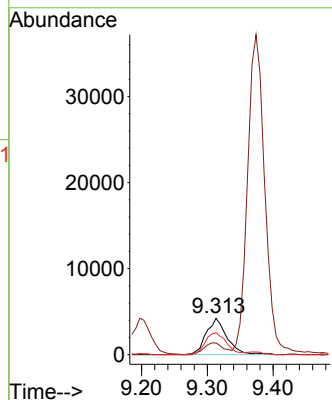
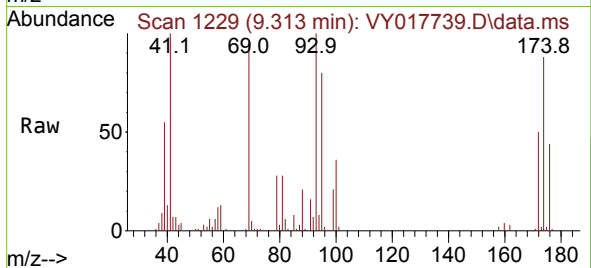
Tgt Ion: 88 Resp: 9413

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 61.3 49.3 73.9



#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.000 min

Lab File: VY017739.D

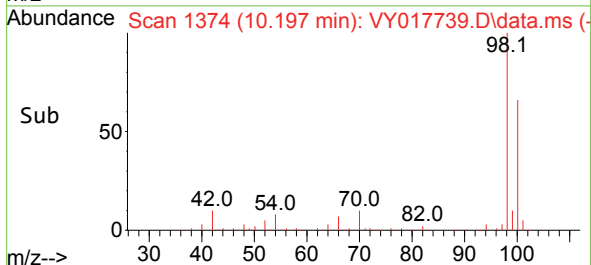
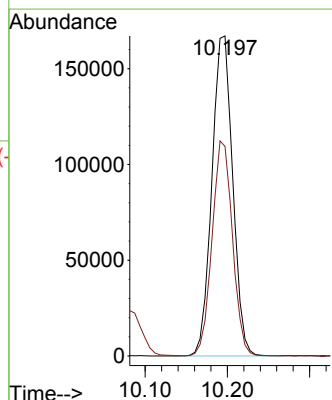
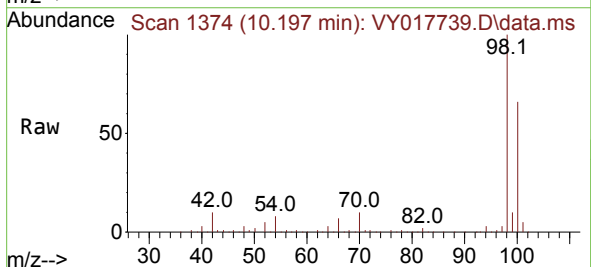
Acq: 22 Mar 2024 11:15

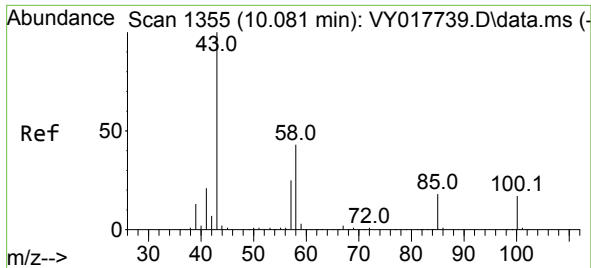
Tgt Ion: 98 Resp: 294120

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

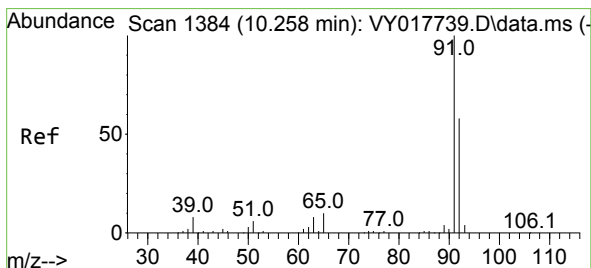
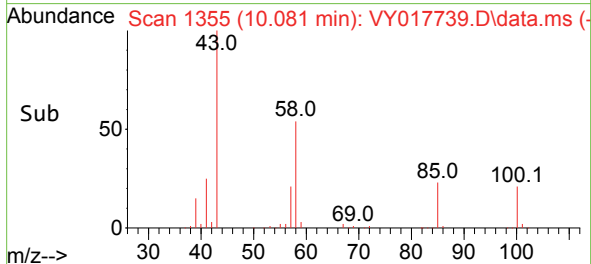
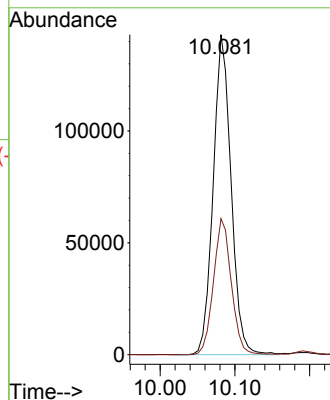
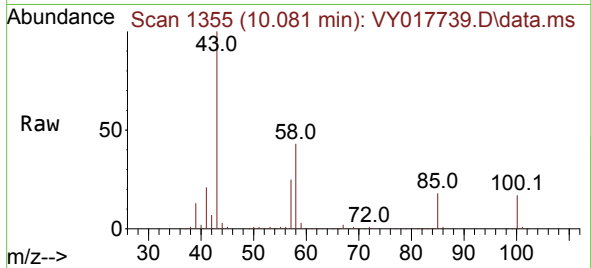




#51
4-Methyl-2-Pentanone
Concen: 254.263 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

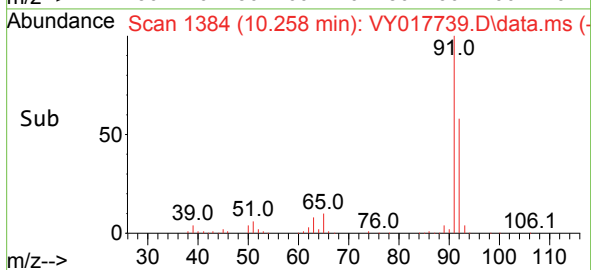
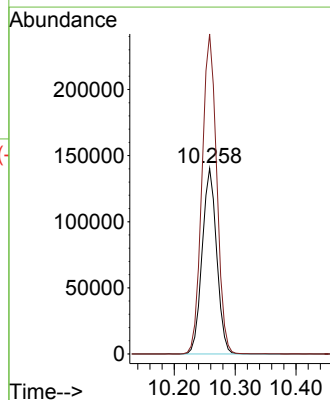
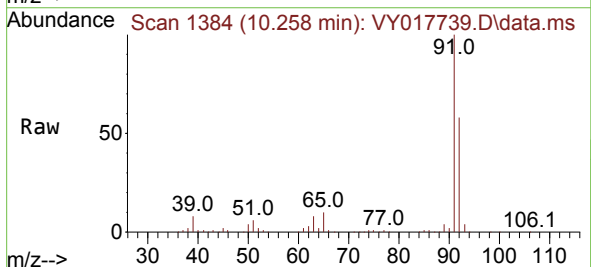
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

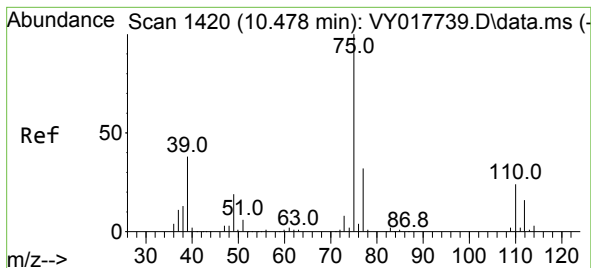
Tgt Ion: 43 Resp: 237859
Ion Ratio Lower Upper
43 100
58 42.4 35.7 53.5



#52
Toluene
Concen: 54.880 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 92 Resp: 232342
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.6

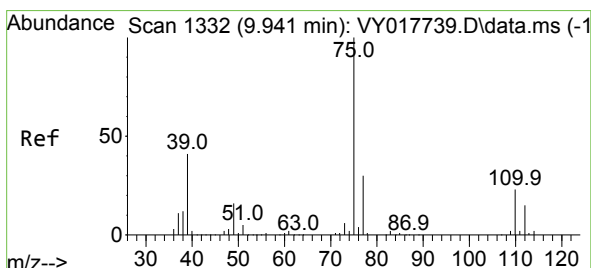
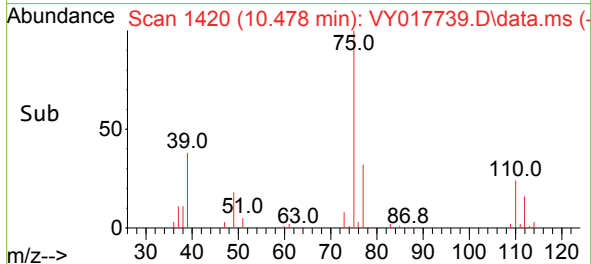
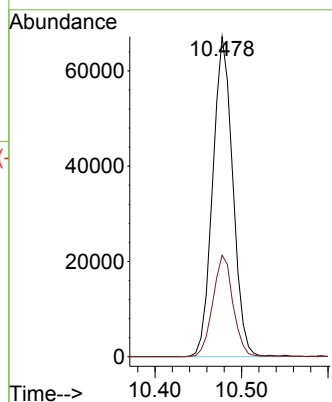
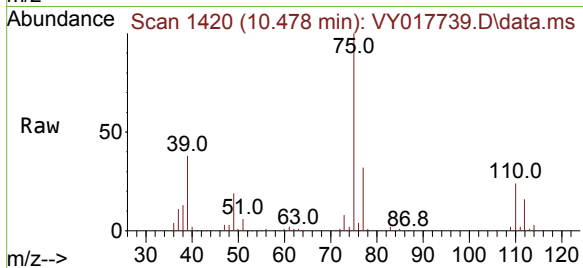




#53
 t-1,3-Dichloropropene
 Concen: 55.584 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

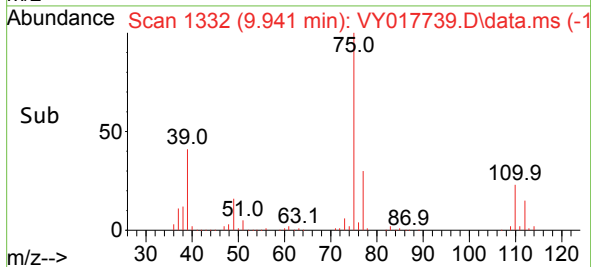
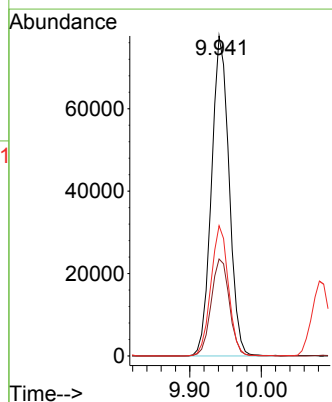
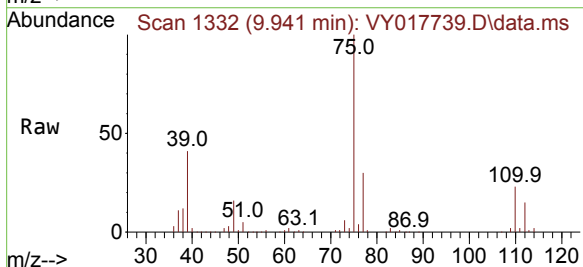
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

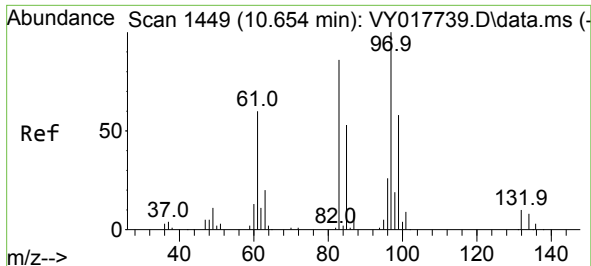
Tgt Ion: 75 Resp: 108124
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 55.810 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY017739.D
 Acq: 22 Mar 2024 11:15

Tgt Ion: 75 Resp: 132619
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 40.7 29.8 44.6

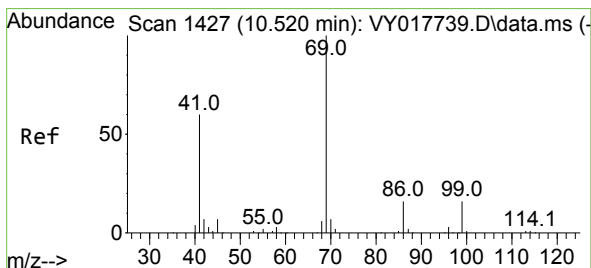
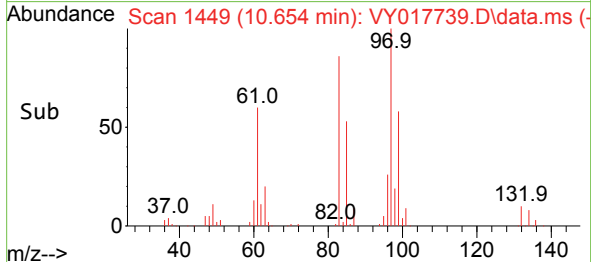
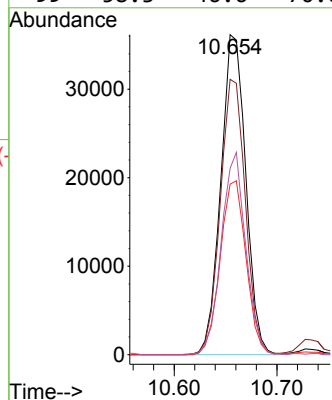
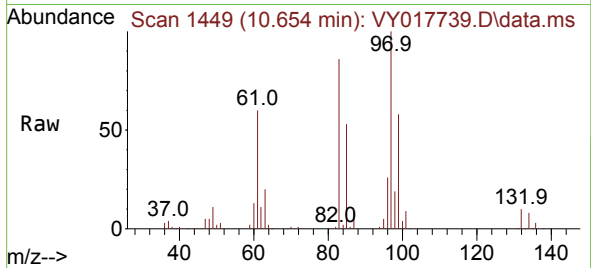




#55
1,1,2-Trichloroethane
Concen: 54.911 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

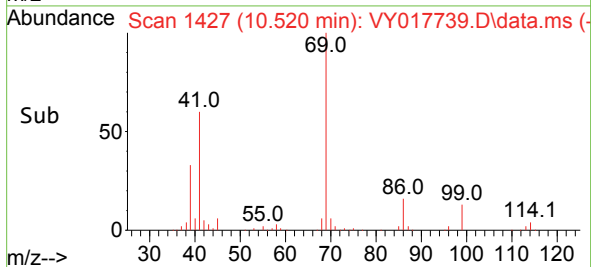
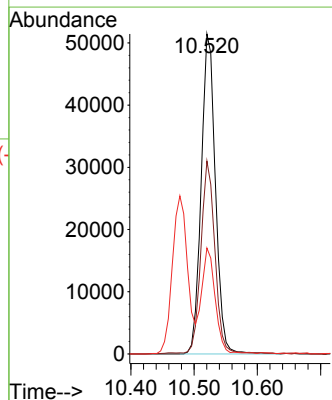
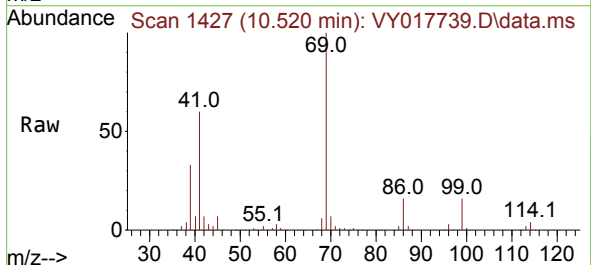
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

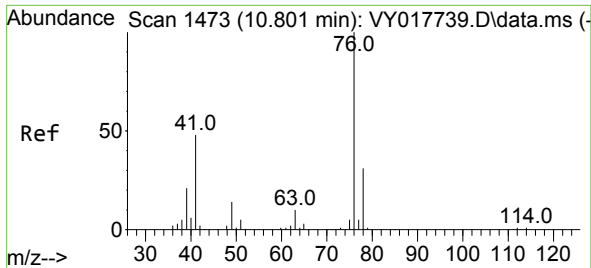
Tgt Ion:	97	Resp:	61105
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	53.3	42.9	64.3
99	58.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 51.610 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:	69	Resp:	80818
Ion	Ratio	Lower	Upper
69	100		
41	59.3	42.3	63.5
39	31.4	22.9	34.3

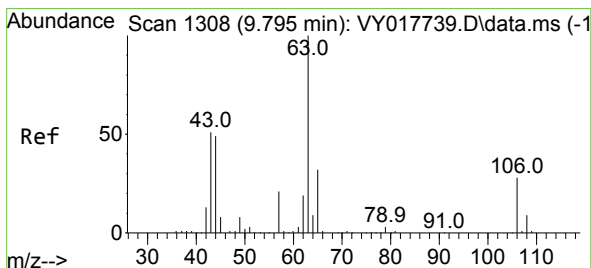
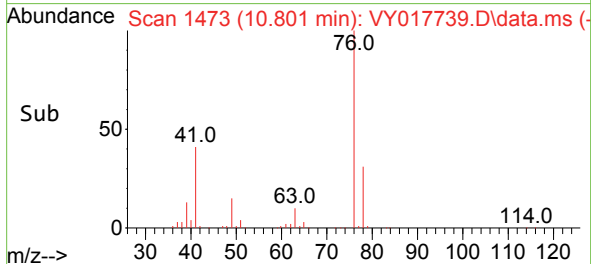
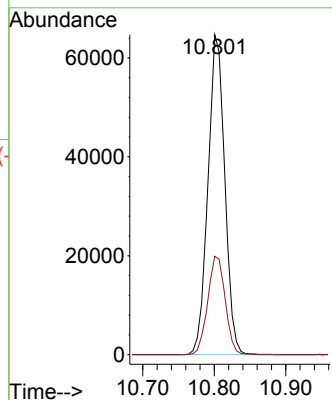
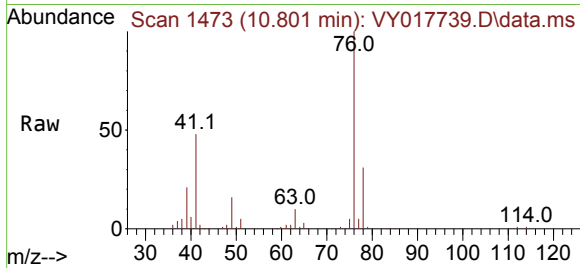




#57
1,3-Dichloropropane
Concen: 55.117 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

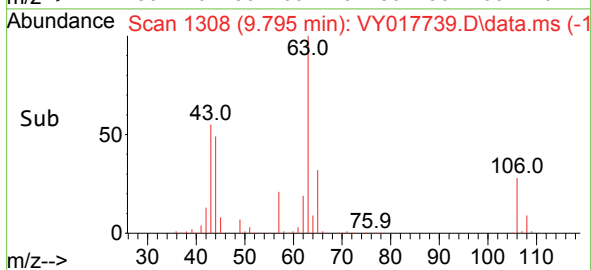
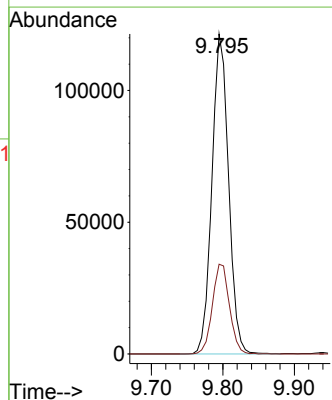
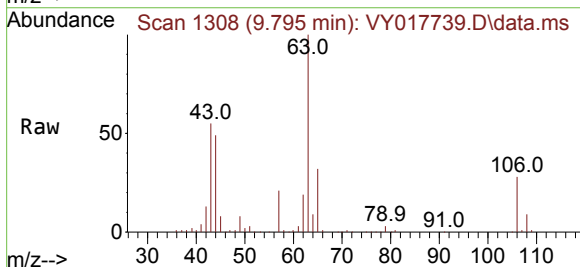
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

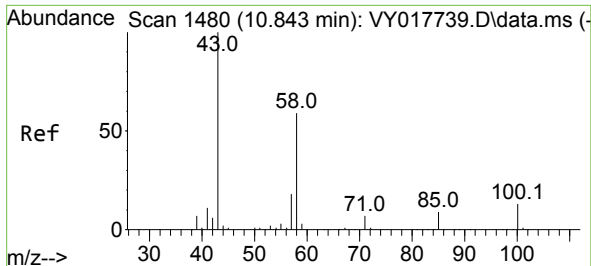
Tgt Ion: 76 Resp: 105645
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 249.572 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 63 Resp: 196114
Ion Ratio Lower Upper
63 100
106 28.7 23.7 35.5

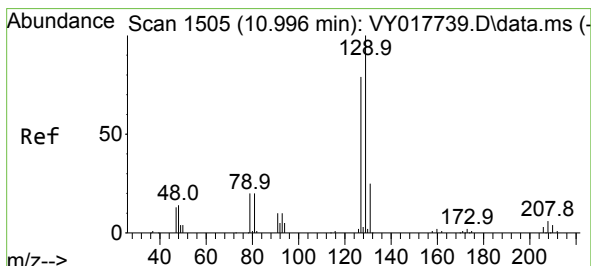
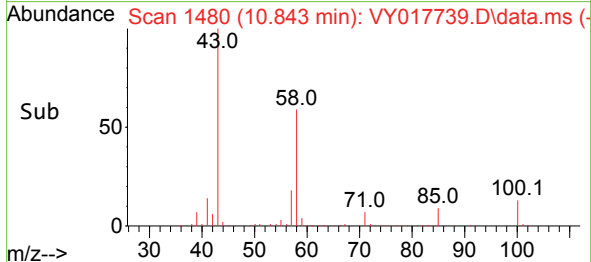
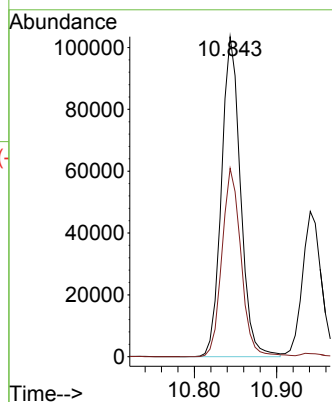
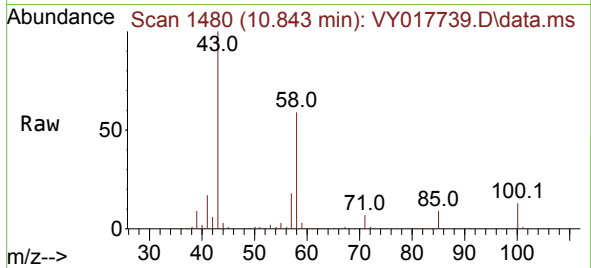




#59
2-Hexanone
Concen: 253.417 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

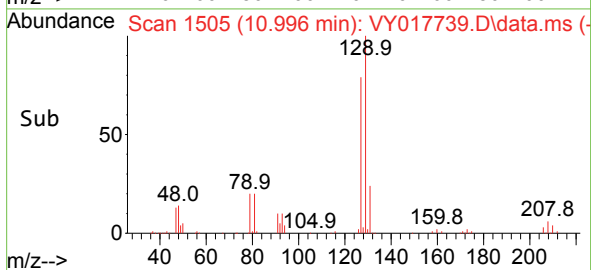
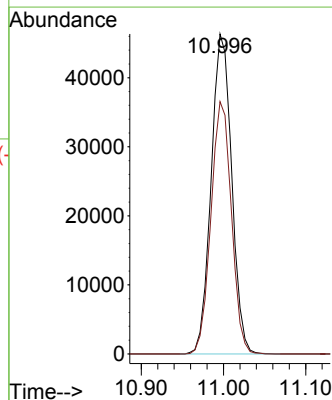
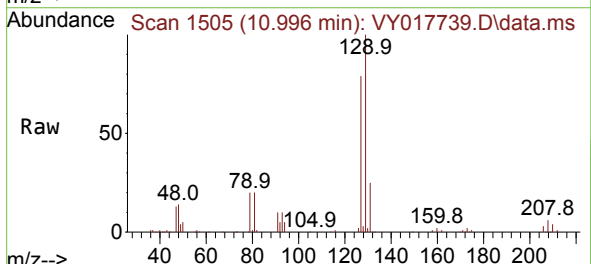
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

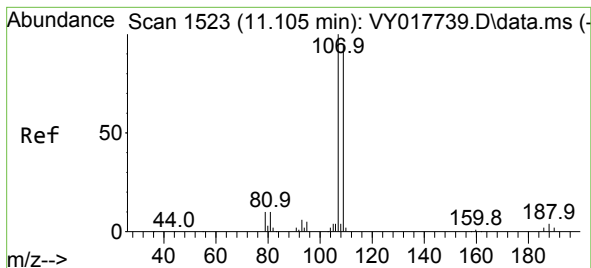
Tgt Ion: 43 Resp: 166782
Ion Ratio Lower Upper
43 100
58 58.9 31.4 94.0



#60
Dibromochloromethane
Concen: 54.007 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 129 Resp: 80387
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

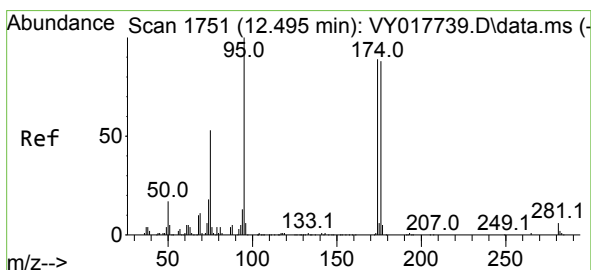
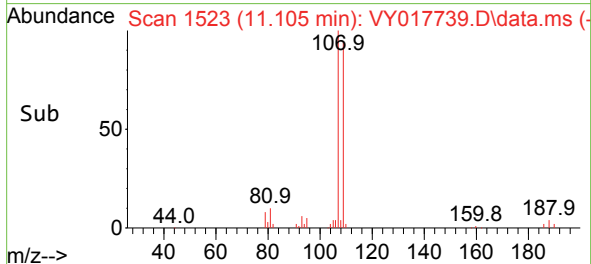
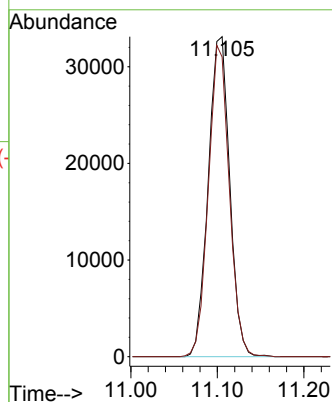
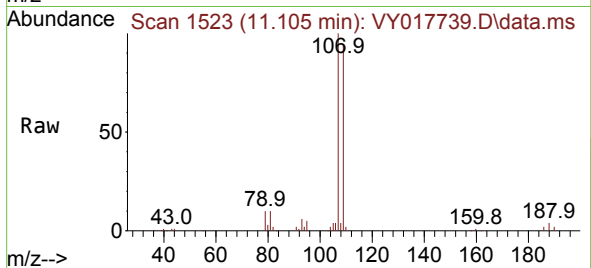




#61
1,2-Dibromoethane
Concen: 54.631 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

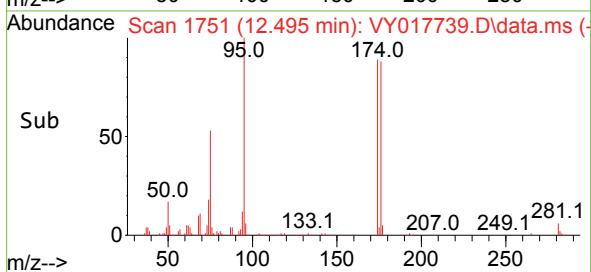
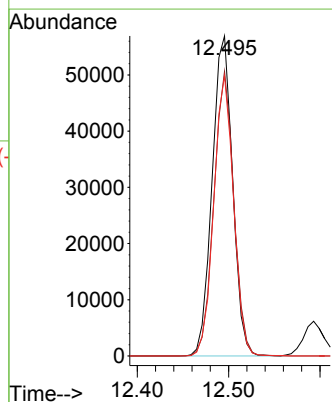
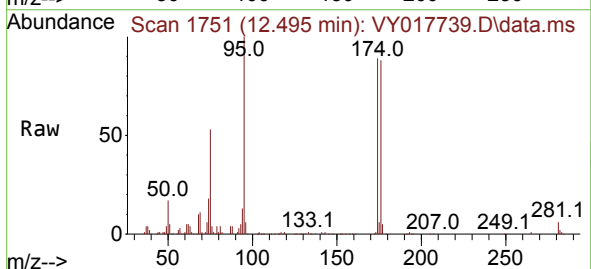
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

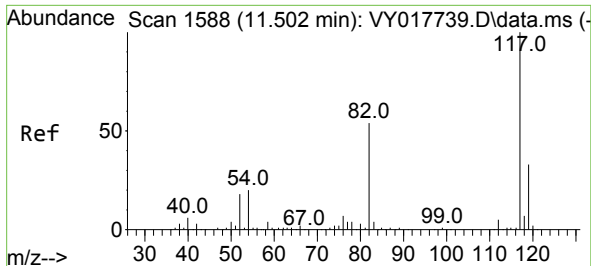
Tgt Ion:107 Resp: 57075
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.849 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 95 Resp: 88279
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 85.0 0.0 171.4

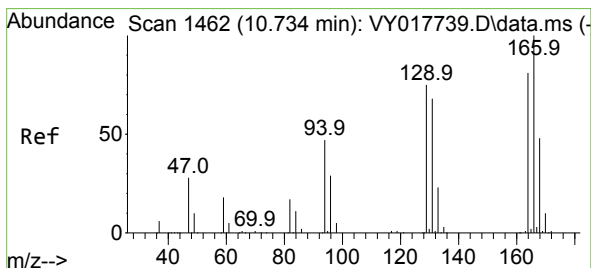
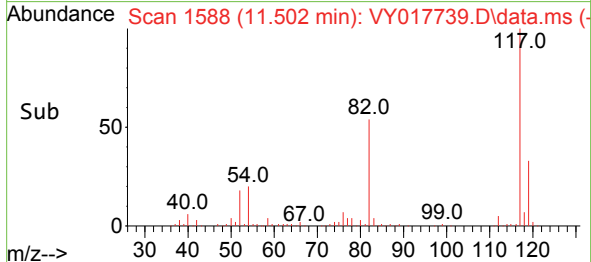
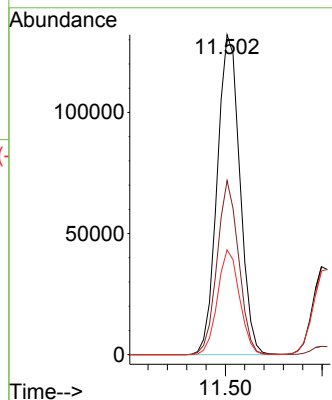
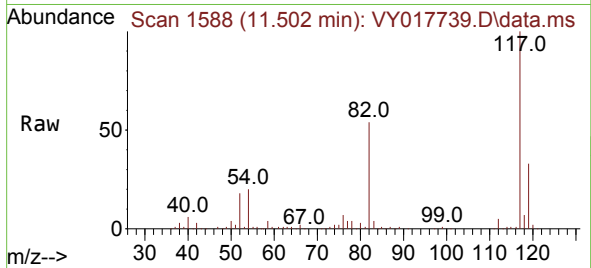




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

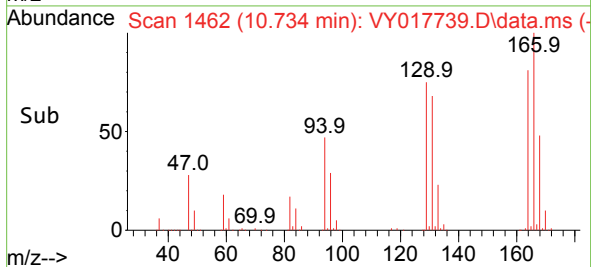
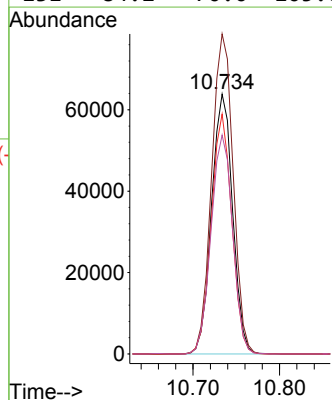
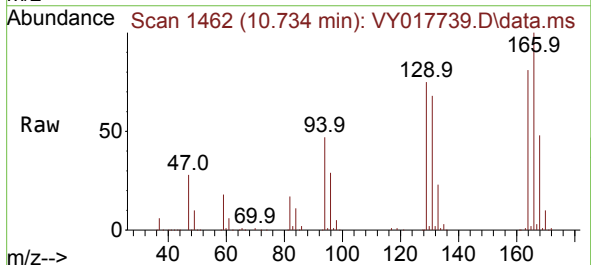
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

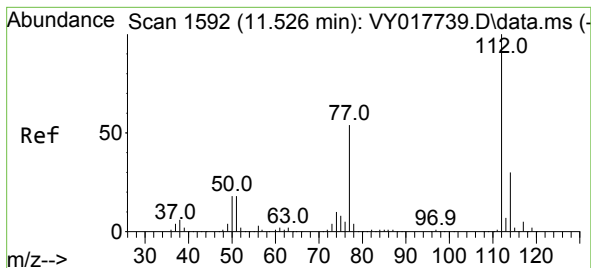
Tgt Ion:117 Resp: 214613
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 54.315 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:164 Resp: 107799
Ion Ratio Lower Upper
164 100
166 123.2 102.6 154.0
129 92.3 72.0 108.0
131 84.2 70.0 105.0

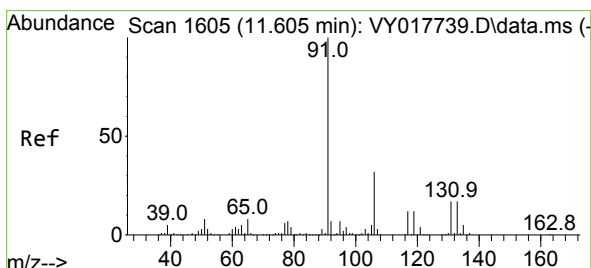
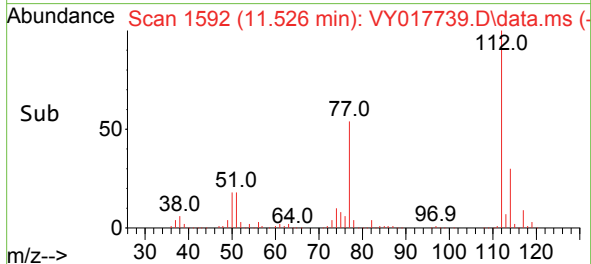
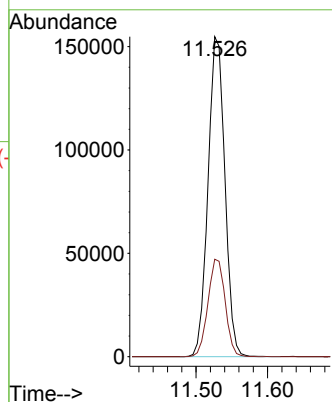
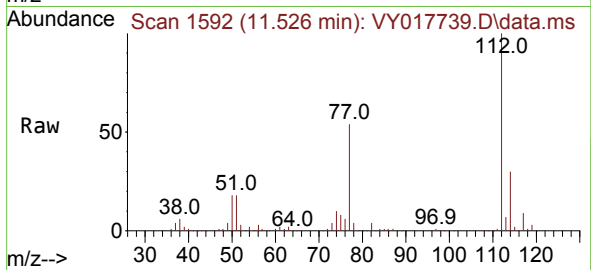




#65
Chlorobenzene
Concen: 54.967 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

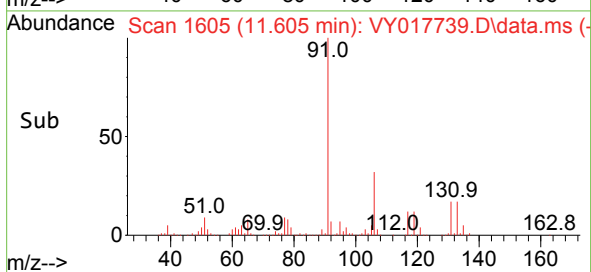
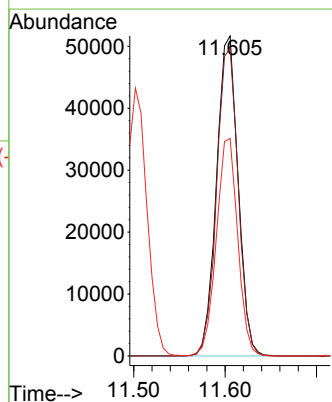
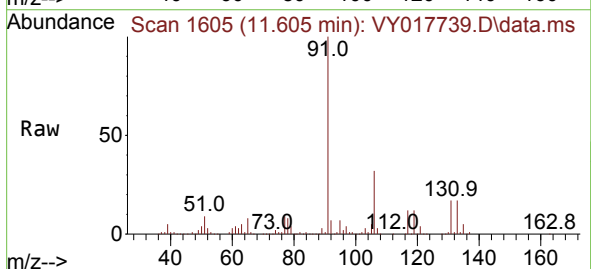
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

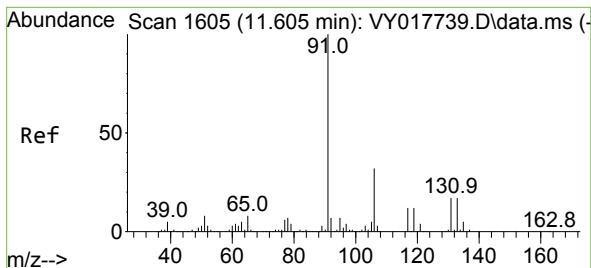
Tgt Ion:112 Resp: 253934
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.952 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:131 Resp: 84776
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 56.826 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

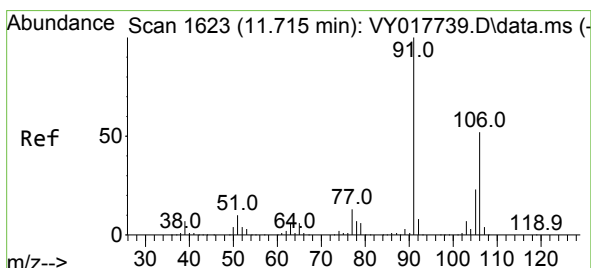
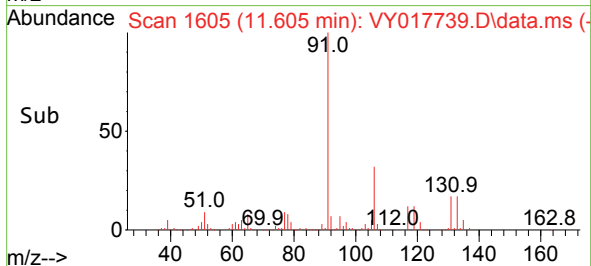
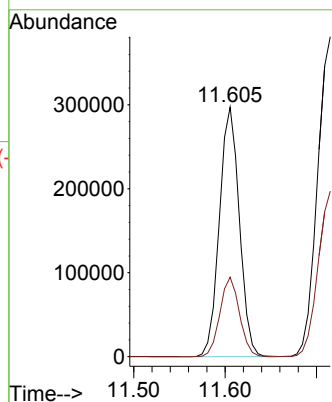
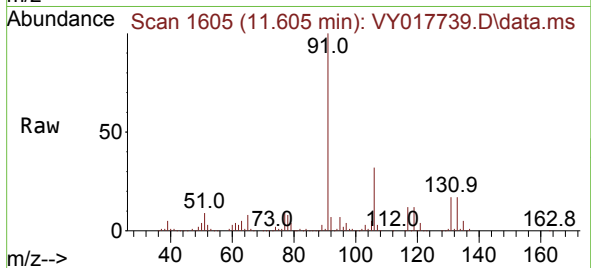
VSTDICCC050

Tgt Ion: 91 Resp: 450868

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 111.841 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.000 min

Lab File: VY017739.D

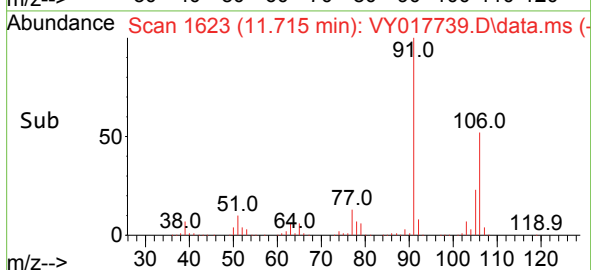
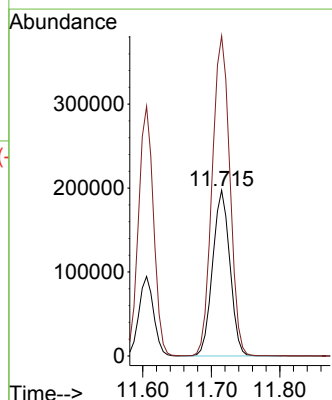
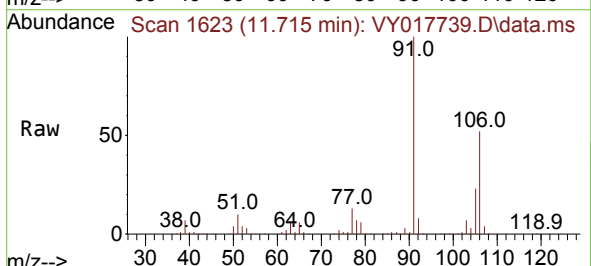
Acq: 22 Mar 2024 11:15

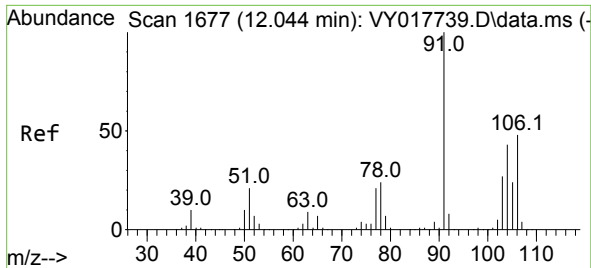
Tgt Ion: 106 Resp: 344230

Ion Ratio Lower Upper

106 100

91 198.3 156.0 234.0

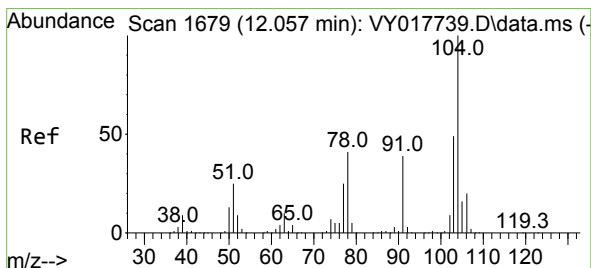
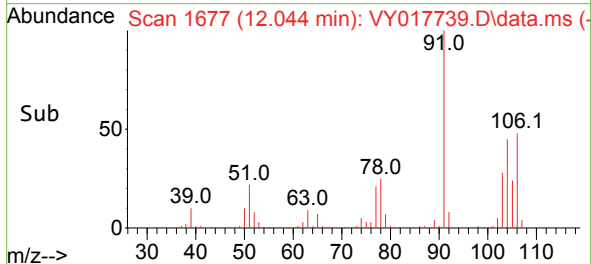
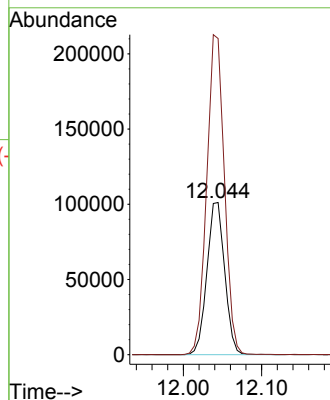
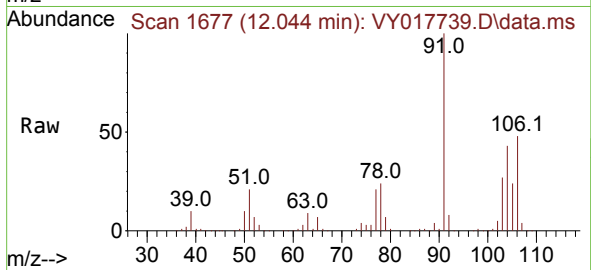




#69
o-Xylene
Concen: 56.601 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

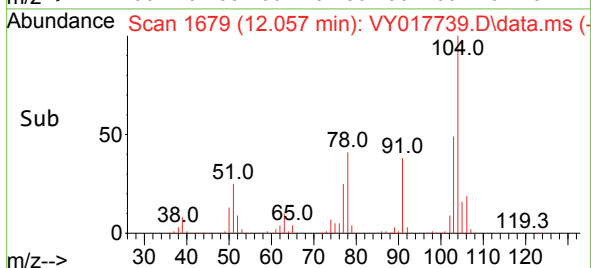
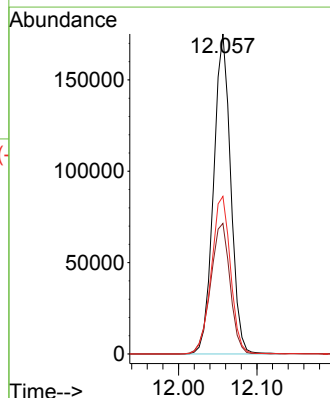
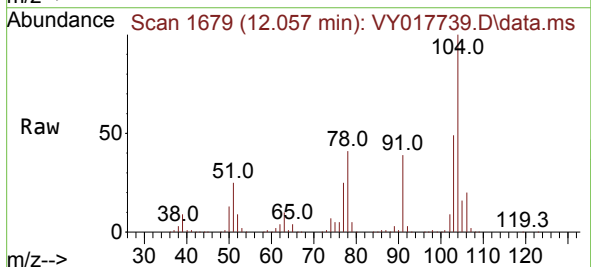
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

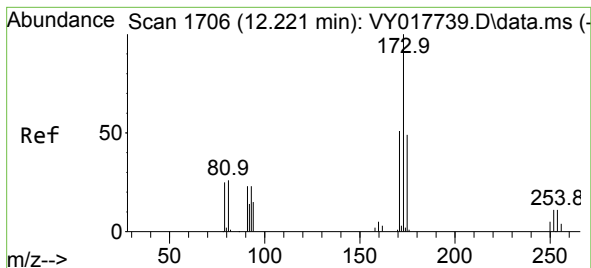
Tgt Ion:106 Resp: 159050
Ion Ratio Lower Upper
106 100
91 208.7 103.6 310.8



#70
Styrene
Concen: 57.016 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:104 Resp: 266652
Ion Ratio Lower Upper
104 100
78 46.4 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 55.623 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

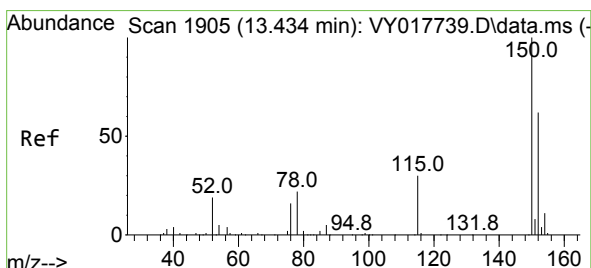
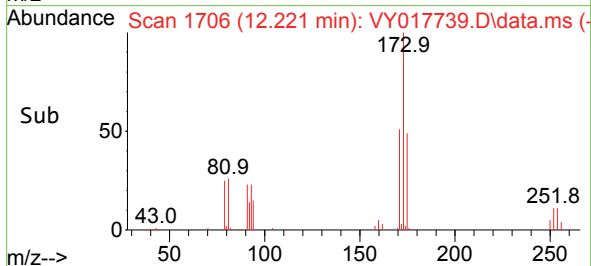
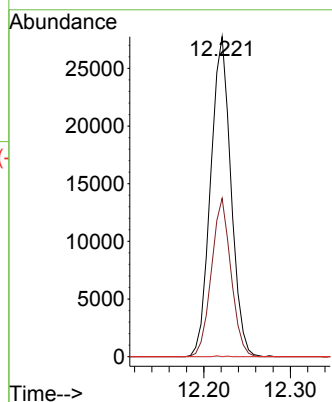
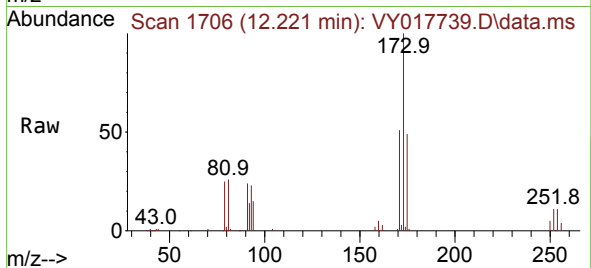
Tgt Ion:173 Resp: 45193

Ion Ratio Lower Upper

173 100

175 47.6 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

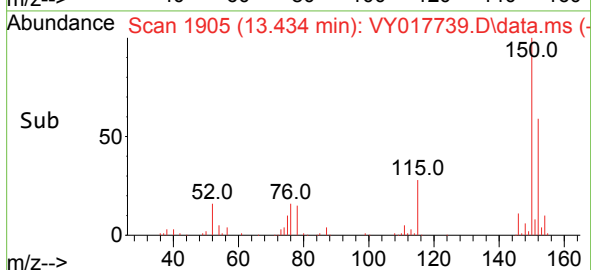
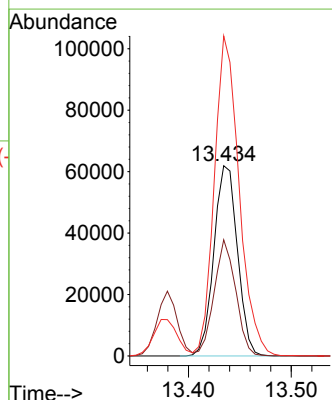
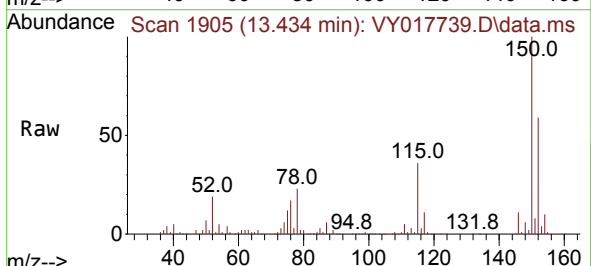
Tgt Ion:152 Resp: 98427

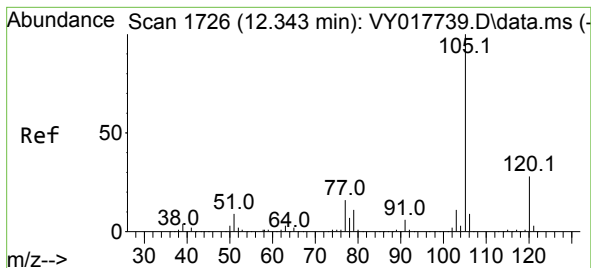
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 177.4 0.0 345.6





#73

Isopropylbenzene

Concen: 55.692 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

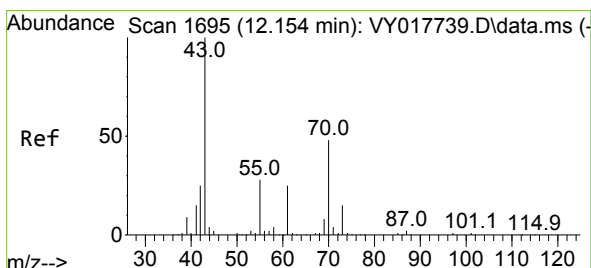
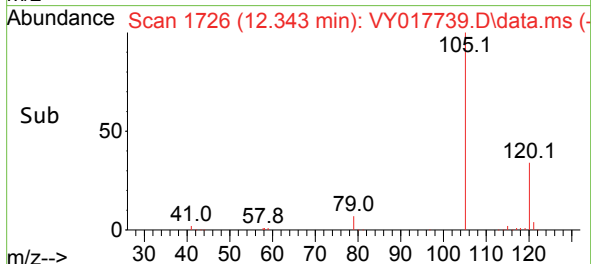
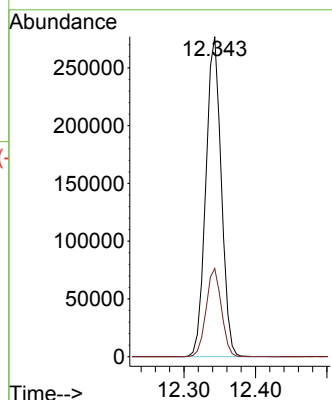
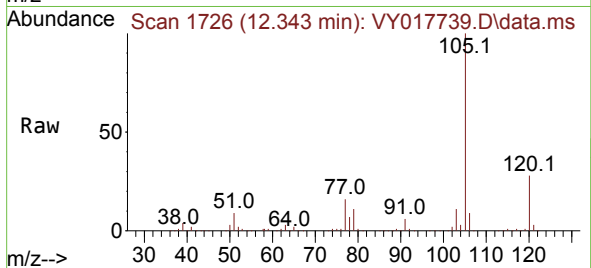
VSTDICCC050

Tgt Ion:105 Resp: 413916

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 50.522 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Tgt Ion: 43 Resp: 77223

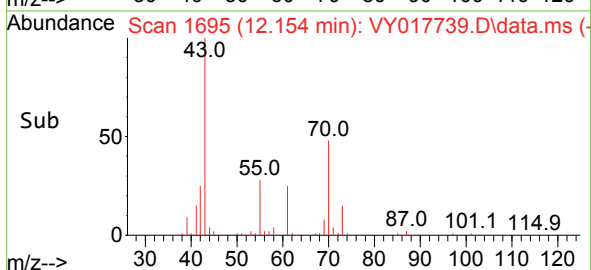
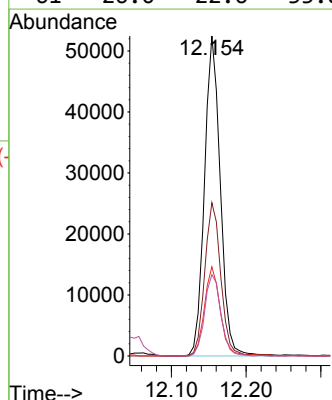
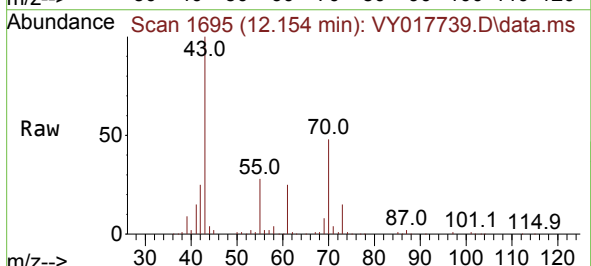
Ion Ratio Lower Upper

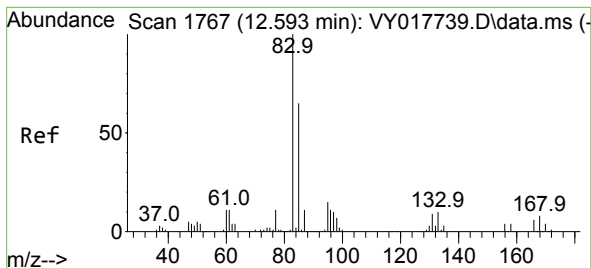
43 100

70 48.6 41.4 62.2

55 28.1 23.3 34.9

61 26.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.419 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

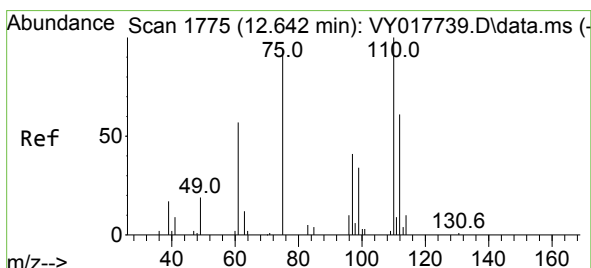
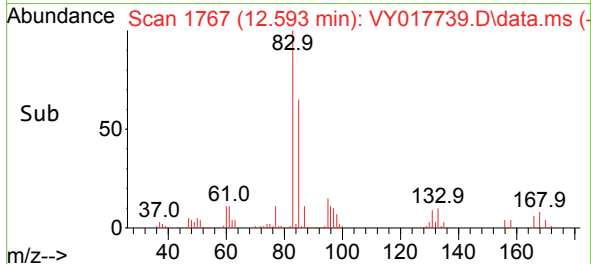
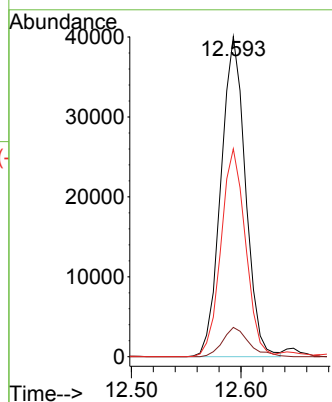
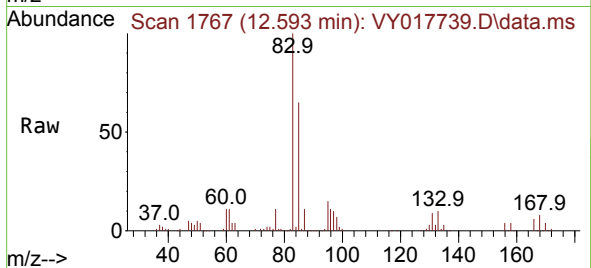
Tgt Ion: 83 Resp: 62275

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 91.721 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017739.D

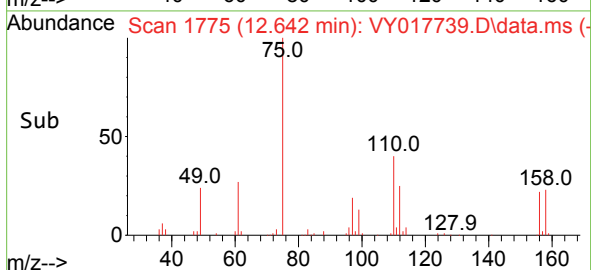
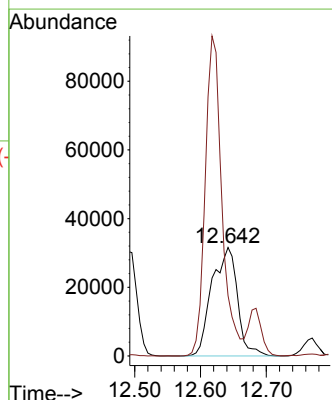
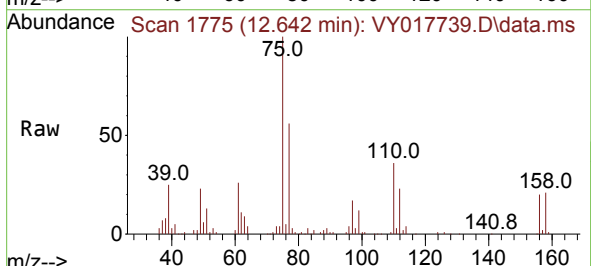
Acq: 22 Mar 2024 11:15

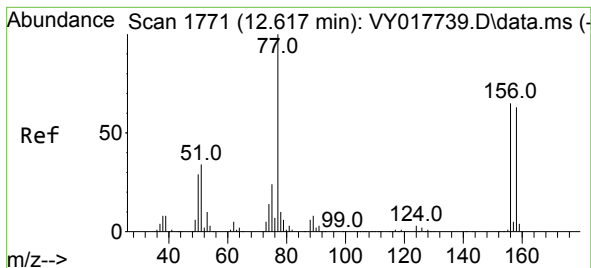
Tgt Ion: 75 Resp: 85558

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.969 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

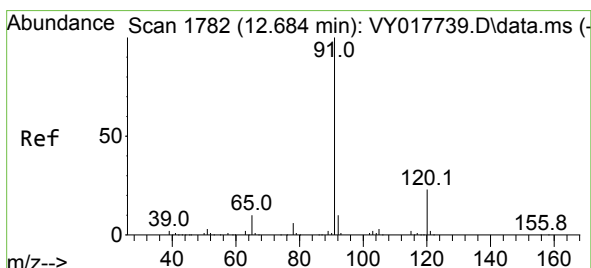
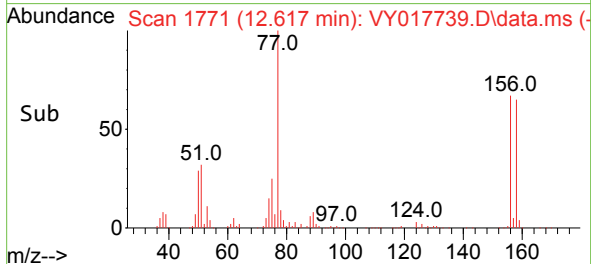
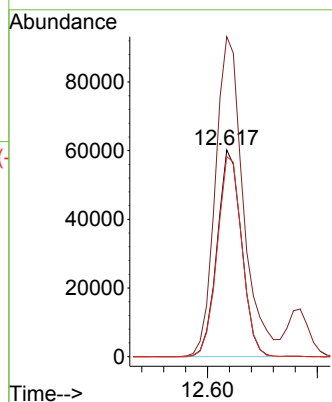
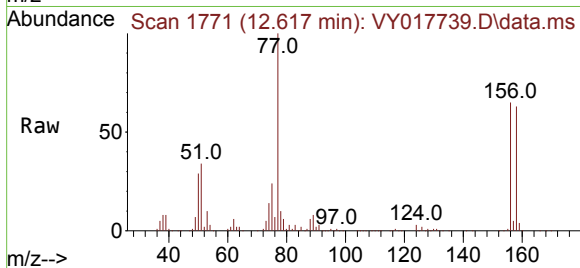
Tgt Ion:156 Resp: 93014

Ion Ratio Lower Upper

156 100

77 176.4 87.1 261.3

158 98.2 48.6 145.9



#78

n-propylbenzene

Concen: 56.691 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY017739.D

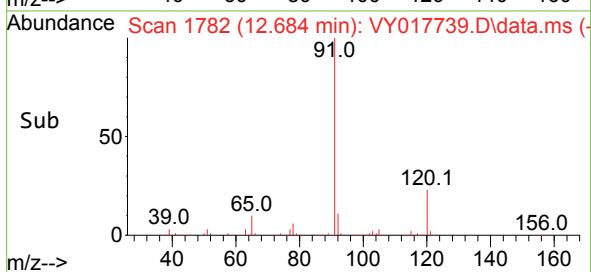
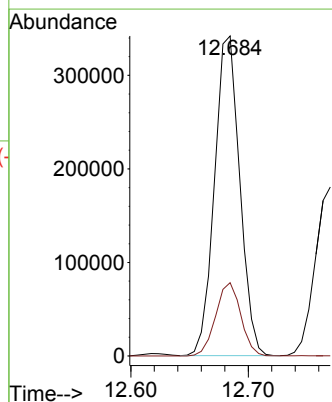
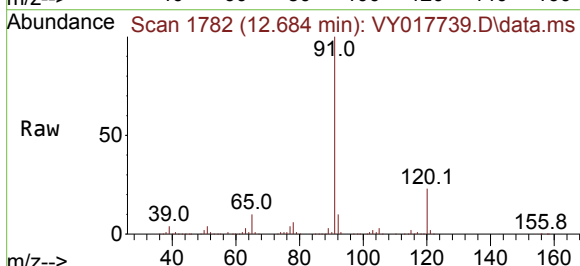
Acq: 22 Mar 2024 11:15

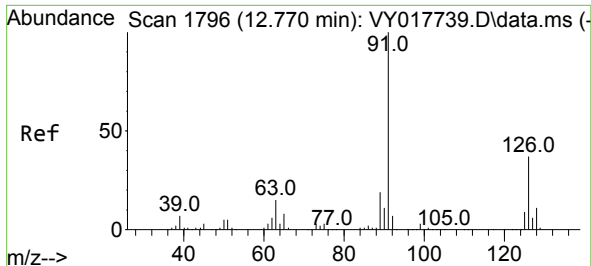
Tgt Ion: 91 Resp: 510048

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

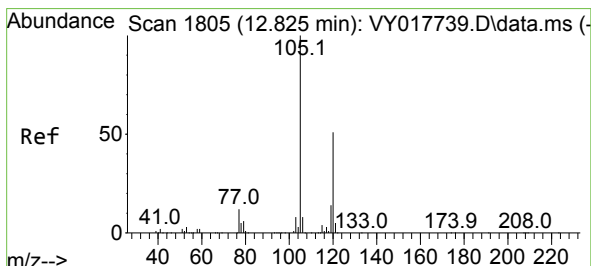
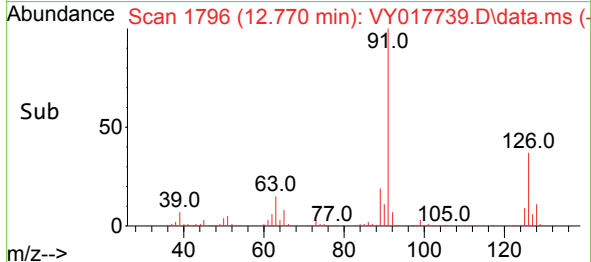
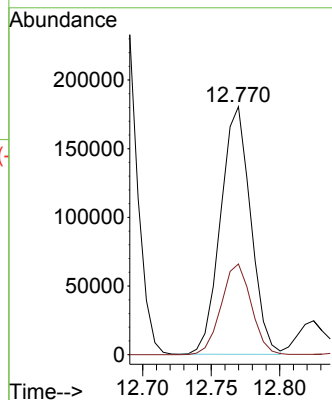
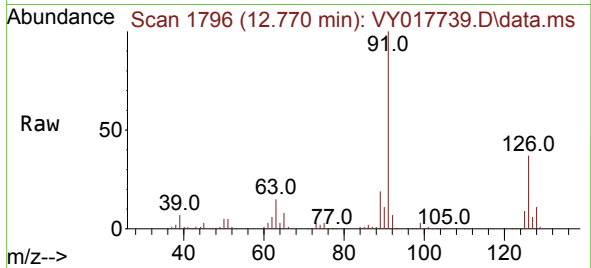




#79
2-Chlorotoluene
Concen: 55.954 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

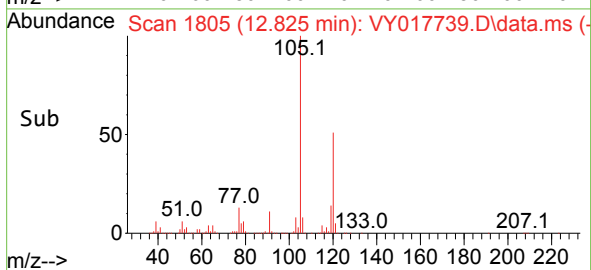
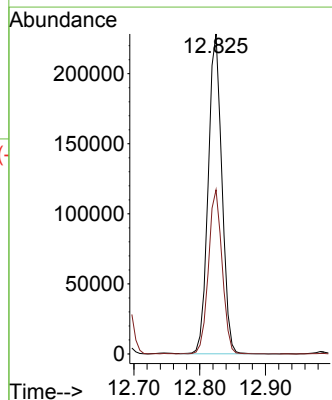
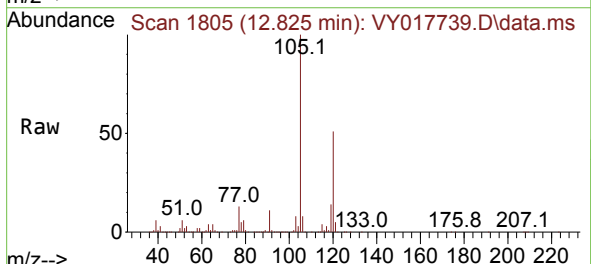
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

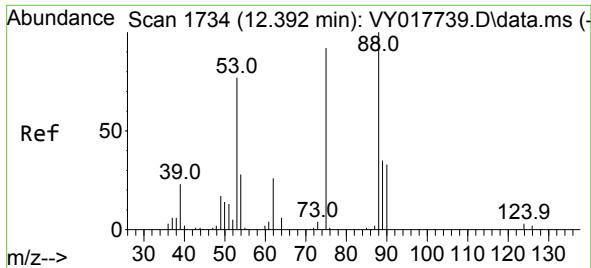
Tgt Ion: 91 Resp: 276065
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 56.617 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 105 Resp: 329403
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

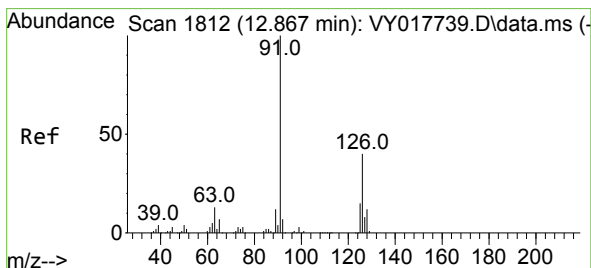
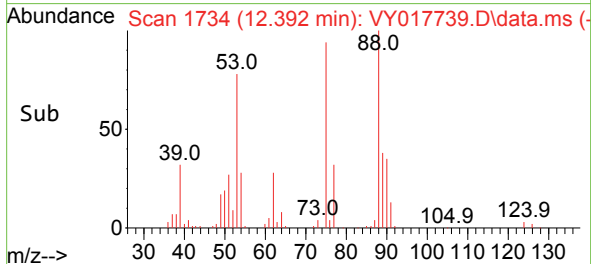
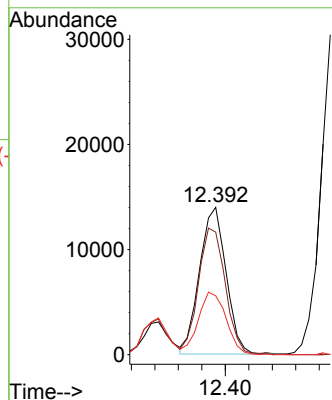
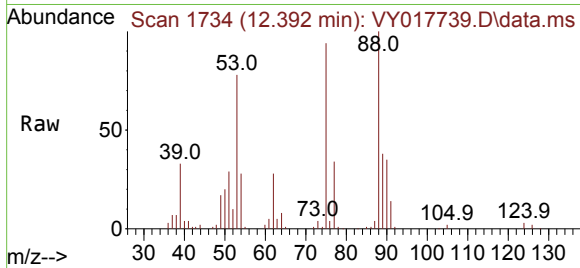




#81
trans-1,4-Dichloro-2-butene
Concen: 55.813 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

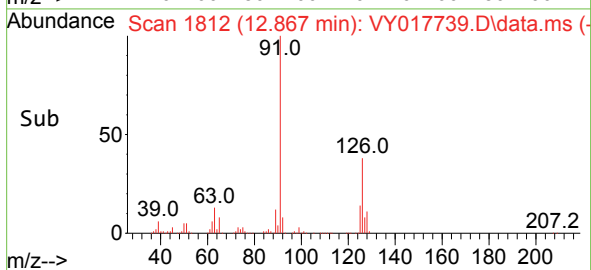
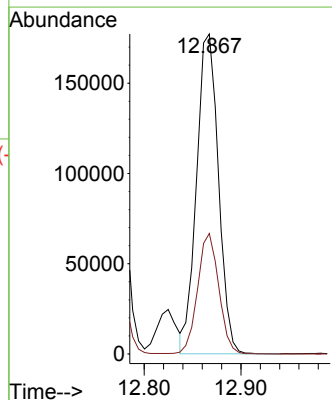
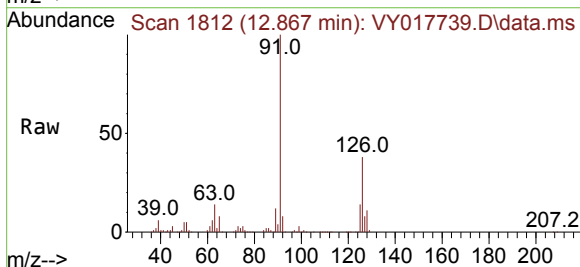
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

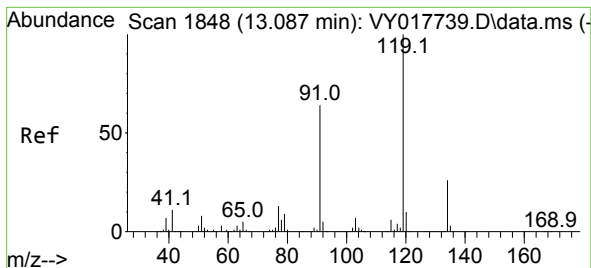
Tgt Ion:	75	Resp:	21954
Ion	Ratio	Lower	Upper
75	100		
53	87.6	66.8	100.2
89	44.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 55.112 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:	91	Resp:	278986
Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.6	52.9





#83

tert-Butylbenzene

Concen: 57.143 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

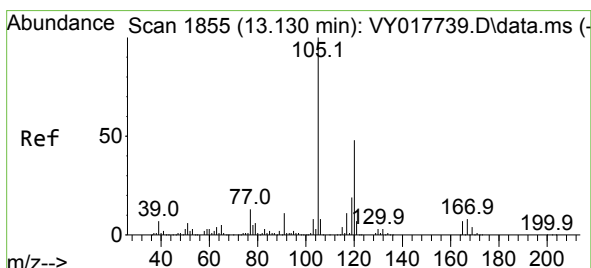
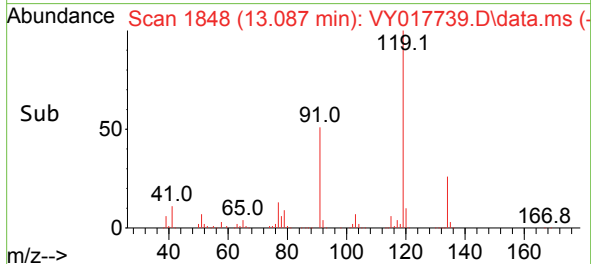
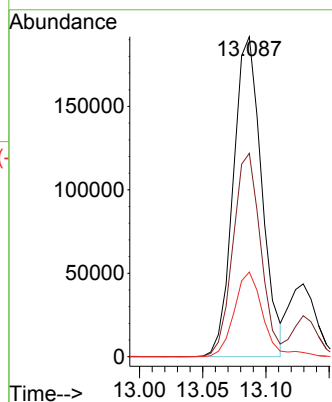
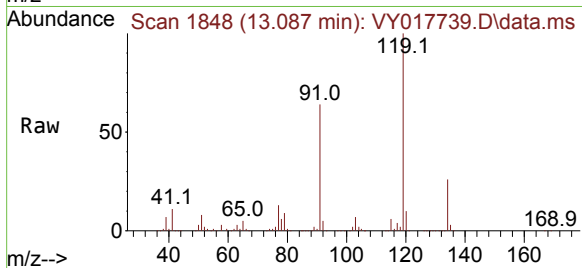
Tgt Ion:119 Resp: 300862

Ion Ratio Lower Upper

119 100

91 61.9 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 56.283 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017739.D

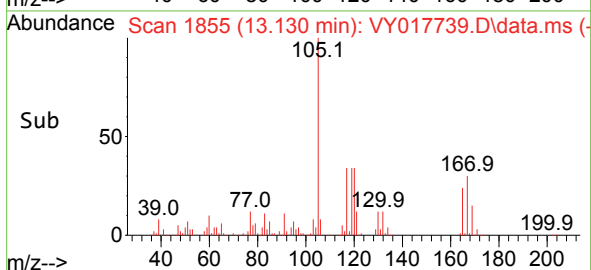
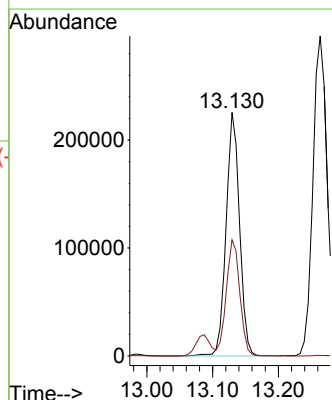
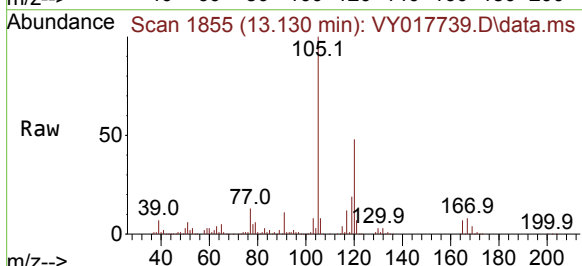
Acq: 22 Mar 2024 11:15

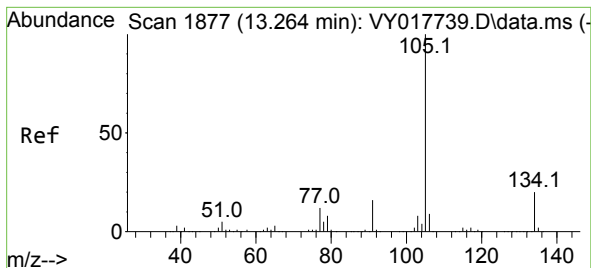
Tgt Ion:105 Resp: 321022

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.541 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

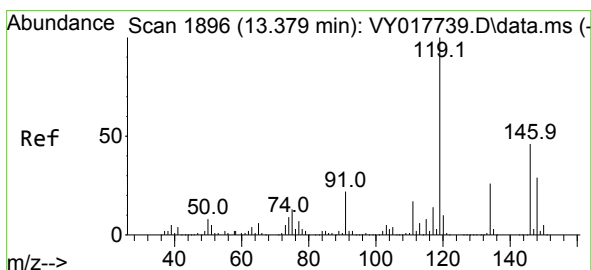
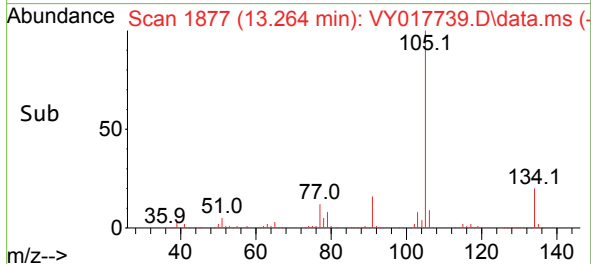
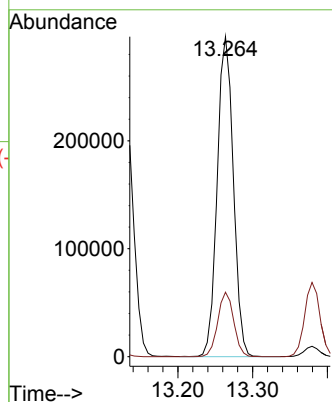
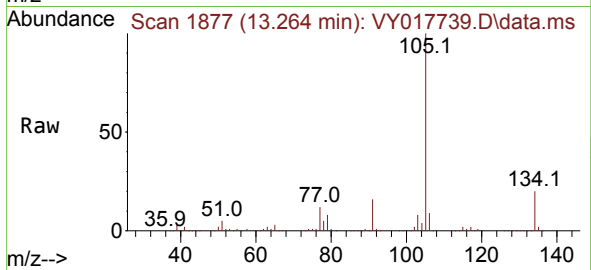
VSTDICCC050

Tgt Ion:105 Resp: 446167

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.010 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

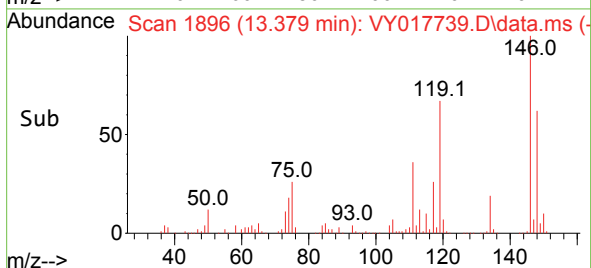
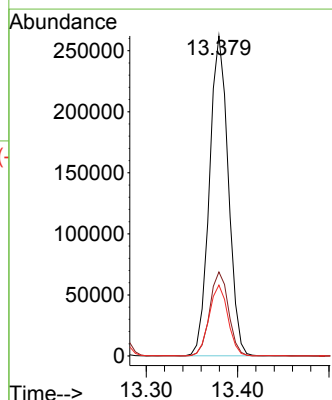
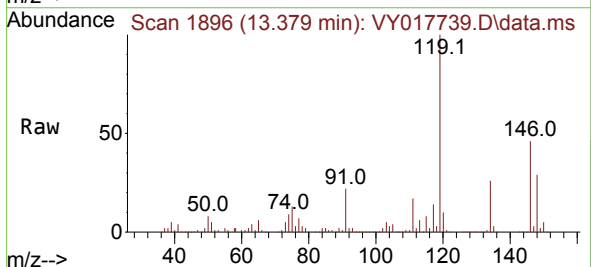
Tgt Ion:119 Resp: 373529

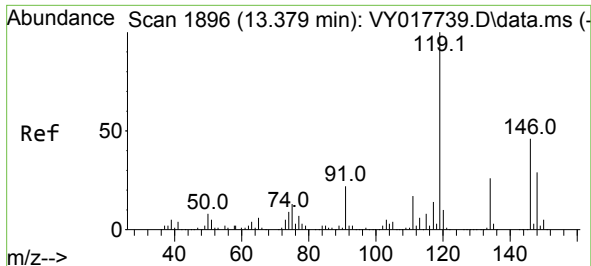
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.849 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

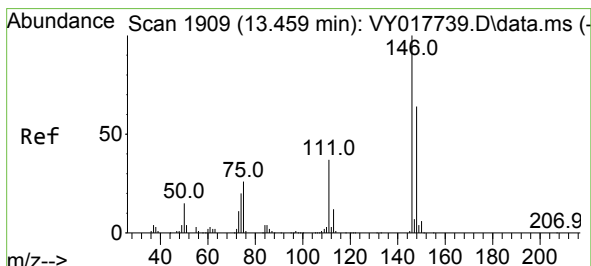
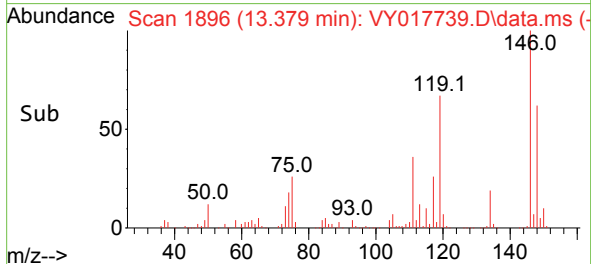
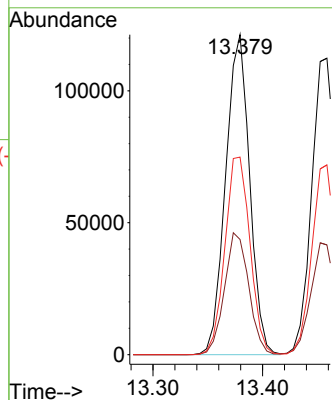
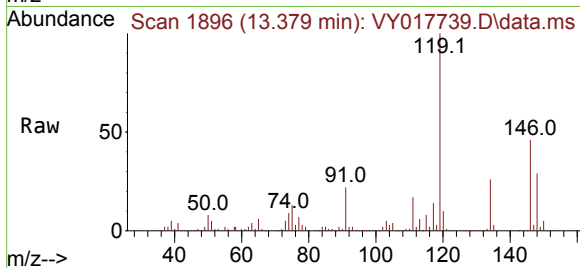
Tgt Ion:146 Resp: 184648

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.485 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

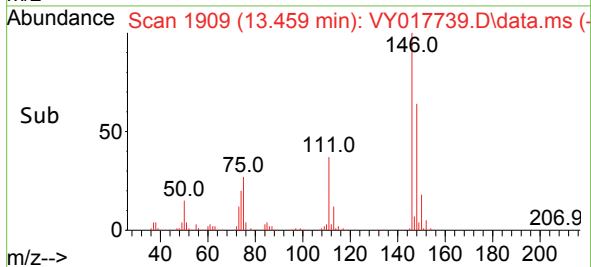
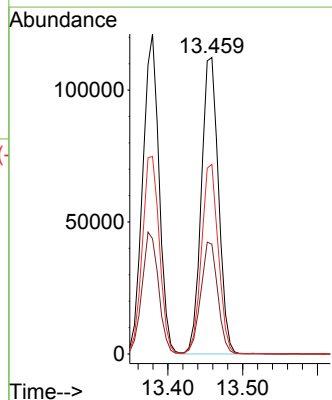
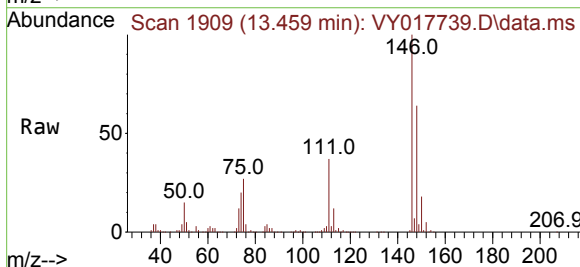
Tgt Ion:146 Resp: 179353

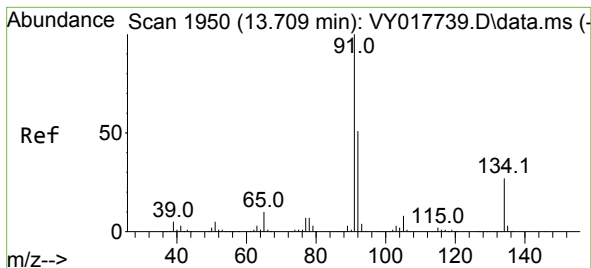
Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.4

148 62.6 32.4 97.2





#89

n-Butylbenzene

Concen: 56.382 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

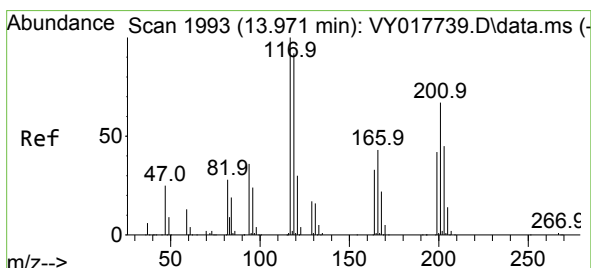
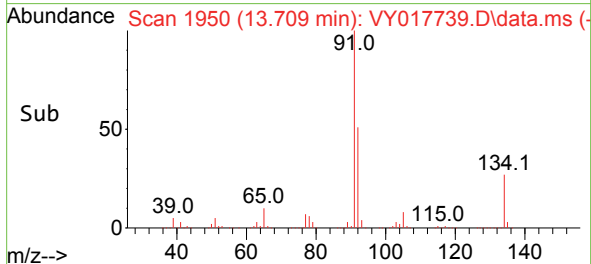
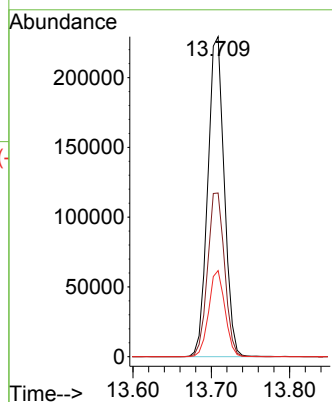
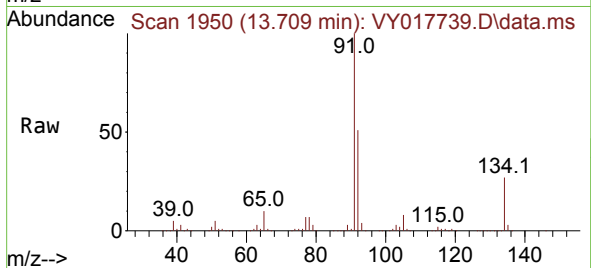
Tgt Ion: 91 Resp: 334211

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 54.487 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017739.D

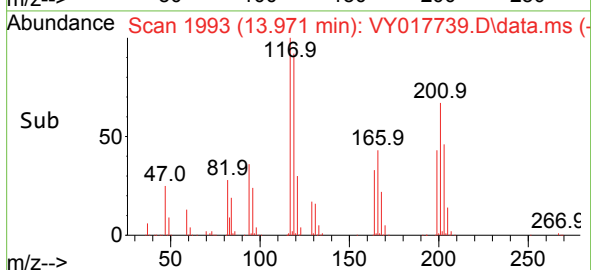
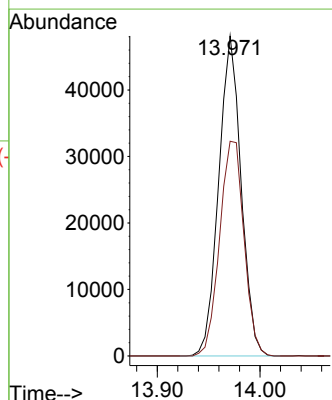
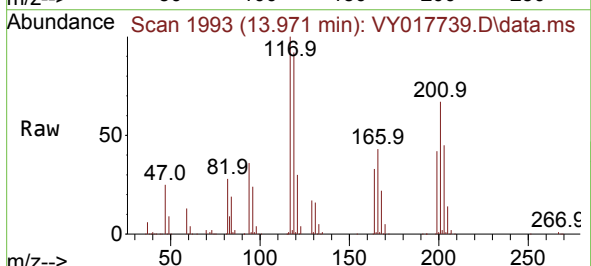
Acq: 22 Mar 2024 11:15

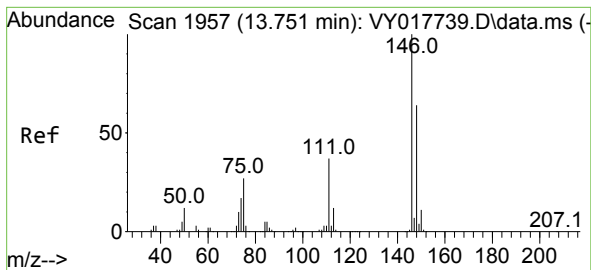
Tgt Ion: 117 Resp: 72801

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2

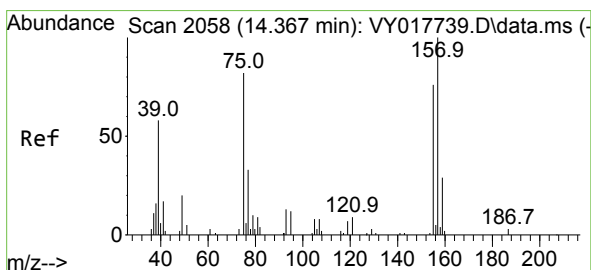
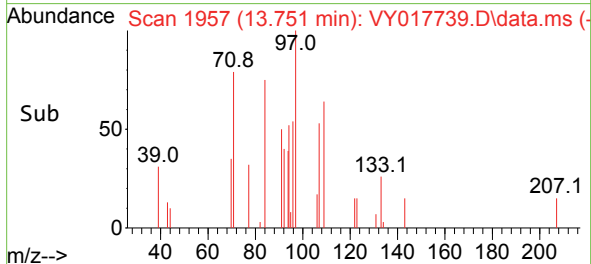
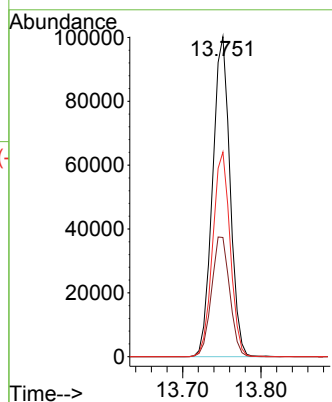
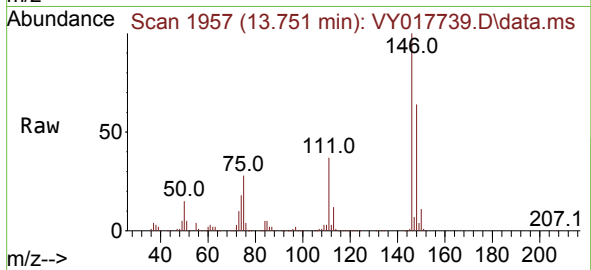




#91
1,2-Dichlorobenzene
Concen: 54.592 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

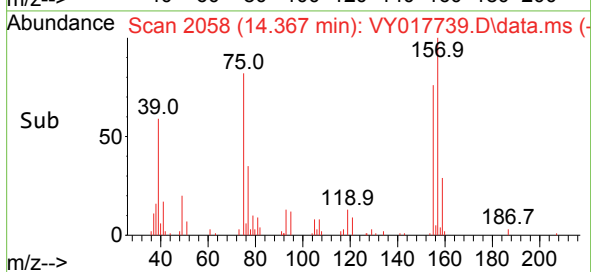
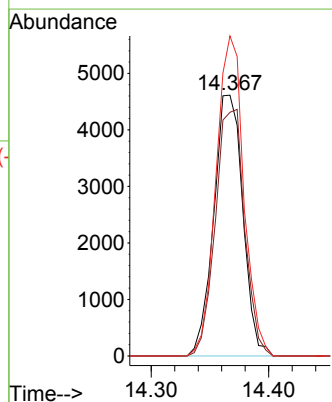
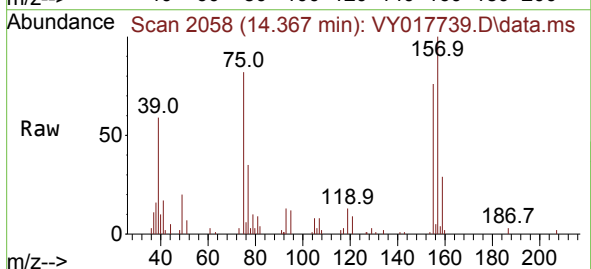
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

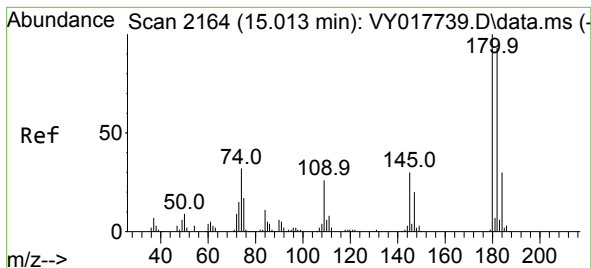
Tgt Ion:146 Resp: 155066
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.7
148 64.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.460 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion: 75 Resp: 7923
Ion Ratio Lower Upper
75 100
155 95.1 48.6 145.8
157 117.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 57.214 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

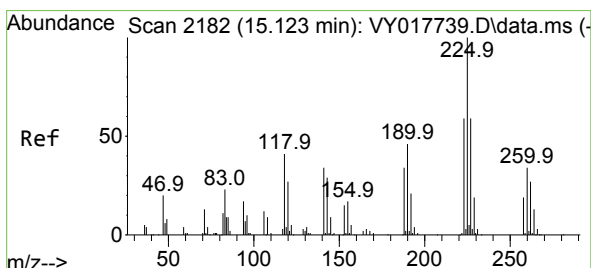
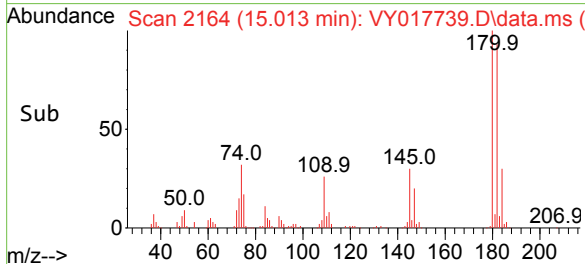
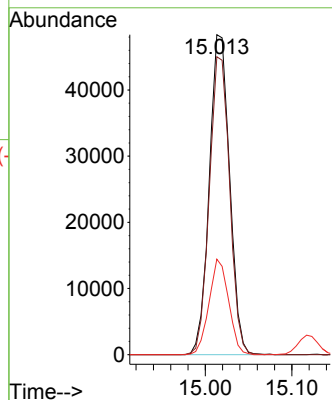
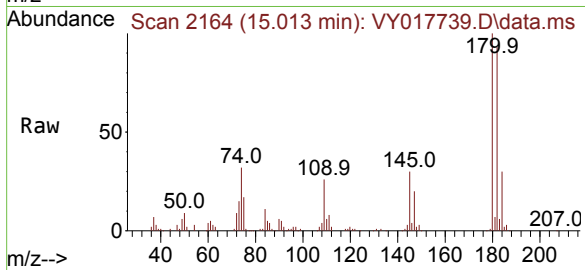
Tgt Ion:180 Resp: 78727

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.996 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017739.D

Acq: 22 Mar 2024 11:15

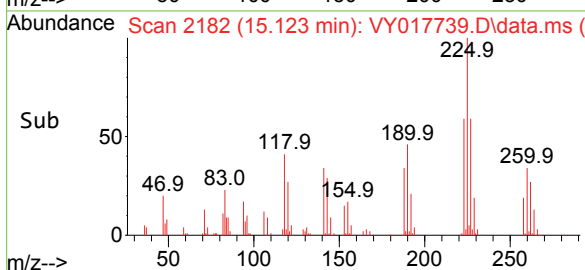
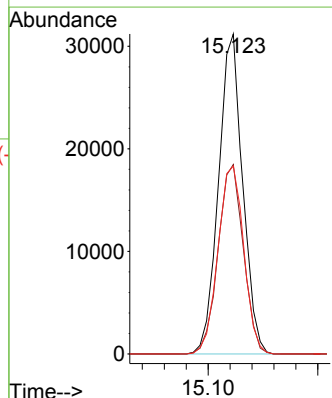
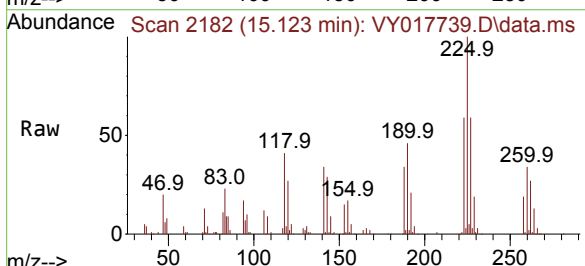
Tgt Ion:225 Resp: 47692

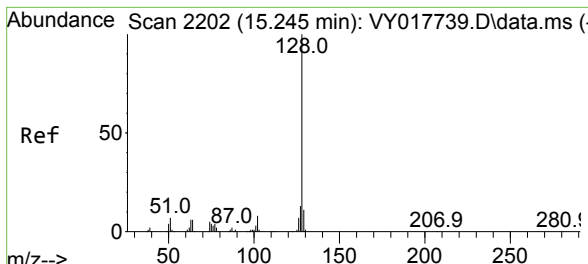
Ion Ratio Lower Upper

225 100

223 61.8 30.4 91.2

227 62.7 31.9 95.9

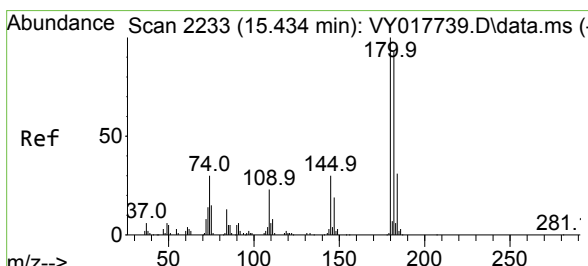
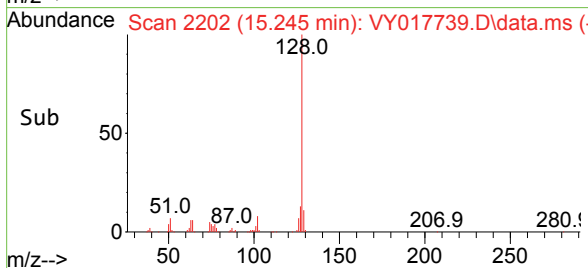
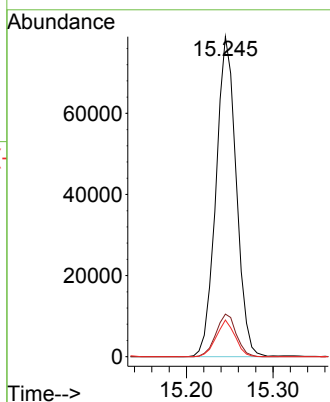
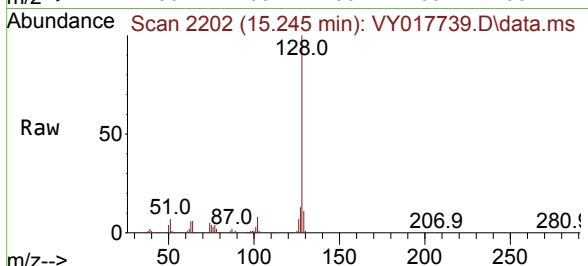




#95
Naphthalene
Concen: 50.399 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	128	Resp:	128293
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.165 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017739.D
Acq: 22 Mar 2024 11:15

Tgt Ion:	180	Resp:	64944
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.6	142.9
145	31.2	15.4	46.1

