

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017759.D
 Acq On : 26 Mar 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 01:25:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189232	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	284777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	250358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	117939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	84999	51.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.734	113	94243	55.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.197	98	361354	55.465	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.495	95	111505	56.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	69876	42.772	ug/l	98
3) Chloromethane	2.119	50	100336	47.410	ug/l	97
4) Vinyl Chloride	2.259	62	119673	46.768	ug/l	99
5) Bromomethane	2.662	94	91910	46.002	ug/l	93
6) Chloroethane	2.808	64	79250	46.340	ug/l	97
7) Trichlorofluoromethane	3.137	101	130975	48.562	ug/l	96
8) Diethyl Ether	3.539	74	41446	46.611	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.911	101	87097	45.364	ug/l	98
10) Methyl Iodide	4.106	142	112889	48.100	ug/l	99
11) Tert butyl alcohol	4.972	59	22584	205.960	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	82797	45.846	ug/l	91
13) Acrolein	3.741	56	39943	302.194	ug/l	98
14) Allyl chloride	4.497	41	108246	44.227	ug/l	98
15) Acrylonitrile	5.179	53	83220	225.923	ug/l	99
16) Acetone	3.960	43	83011	287.885	ug/l	93
17) Carbon Disulfide	4.210	76	263213	43.557	ug/l	98
18) Methyl Acetate	4.490	43	31779	43.773	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	184694	47.431	ug/l	99
20) Methylene Chloride	4.728	84	93935	44.794	ug/l	95
21) trans-1,2-Dichloroethene	5.240	96	94738	46.015	ug/l	97
22) Diisopropyl ether	6.130	45	244788	45.935	ug/l	96
23) Vinyl Acetate	6.076	43	726226	232.023	ug/l	98
24) 1,1-Dichloroethane	6.033	63	156061	44.555	ug/l	99
25) 2-Butanone	7.002	43	108236	221.899	ug/l	94
26) 2,2-Dichloropropane	6.996	77	135982	45.673	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	107172	46.020	ug/l	98
28) Bromochloromethane	7.350	49	64776	47.703	ug/l	98
29) Tetrahydrofuran	7.368	42	64336	209.563	ug/l	95
30) Chloroform	7.520	83	164083	45.188	ug/l	99
31) Cyclohexane	7.801	56	135518	41.563	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	144855	45.806	ug/l	98
36) 1,1-Dichloropropene	7.929	75	122235	46.480	ug/l	99
37) Ethyl Acetate	7.088	43	47219	46.726	ug/l	98
38) Carbon Tetrachloride	7.917	117	133123	48.344	ug/l	97
39) Methylcyclohexane	9.197	83	158800	47.039	ug/l	98
40) Benzene	8.179	78	372277	47.291	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24663	49.408	ug/l	94
42) 1,2-Dichloroethane	8.252	62	89472	47.452	ug/l	100
43) Isopropyl Acetate	8.283	43	87184	43.699	ug/l	97
44) Trichloroethene	8.953	130	99786	48.462	ug/l	99
45) 1,2-Dichloropropane	9.227	63	84428	47.071	ug/l	100
46) Dibromomethane	9.319	93	48311	48.335	ug/l	98
47) Bromodichloromethane	9.508	83	121254	47.445	ug/l	97
48) Methyl methacrylate	9.307	41	41120	44.362	ug/l	96
49) 1,4-Dioxane	9.313	88	9589	985.986	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	240174	224.128	ug/l	97
52) Toluene	10.258	92	234429	48.193	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	109041	48.786	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	133050	48.730	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	61937	48.441	ug/l	98
56) Ethyl methacrylate	10.520	69	82555	46.027	ug/l	97
57) 1,3-Dichloropropane	10.806	76	106884	48.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	209422	232.664	ug/l	100
59) 2-Hexanone	10.843	43	174217	231.247	ug/l	98
60) Dibromochloromethane	11.002	129	83793	48.995	ug/l	99
61) 1,2-Dibromoethane	11.105	107	59420	49.500	ug/l	97
64) Tetrachloroethene	10.733	164	110238	47.613	ug/l	98
65) Chlorobenzene	11.532	112	256560	47.606	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	87555	48.650	ug/l	99
67) Ethyl Benzene	11.605	91	445010	48.080	ug/l	99
68) m/p-Xylenes	11.715	106	352122	98.071	ug/l	99
69) o-Xylene	12.044	106	161998	49.419	ug/l	99
70) Styrene	12.056	104	272745	49.992	ug/l	100
71) Bromoform	12.221	173	48109	50.758	ug/l #	97
73) Isopropylbenzene	12.343	105	420648	47.234	ug/l	98
74) N-amyl acetate	12.160	43	79966	43.976	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.599	83	65419	47.709	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	87011	79.893	ug/l #	100
77) Bromobenzene	12.623	156	97899	48.284	ug/l	97
78) n-propylbenzene	12.684	91	511873	47.482	ug/l	99
79) 2-Chlorotoluene	12.770	91	279777	47.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	338090	48.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	23851	50.604	ug/l	99
82) 4-Chlorotoluene	12.867	91	284361	46.880	ug/l	97
83) tert-Butylbenzene	13.087	119	312191	49.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	333693	48.825	ug/l	98
85) sec-Butylbenzene	13.269	105	457460	48.381	ug/l	99
86) p-Isopropyltoluene	13.385	119	380267	48.436	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	194618	47.367	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	187842	47.624	ug/l	99
89) n-Butylbenzene	13.708	91	344466	48.498	ug/l	99
90) Hexachloroethane	13.977	117	73733	46.055	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	162685	47.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8464	46.760	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	86095	52.218	ug/l	99
94) Hexachlorobutadiene	15.123	225	52850	49.936	ug/l	97
95) Naphthalene	15.251	128	137179	45.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	68945	50.646	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

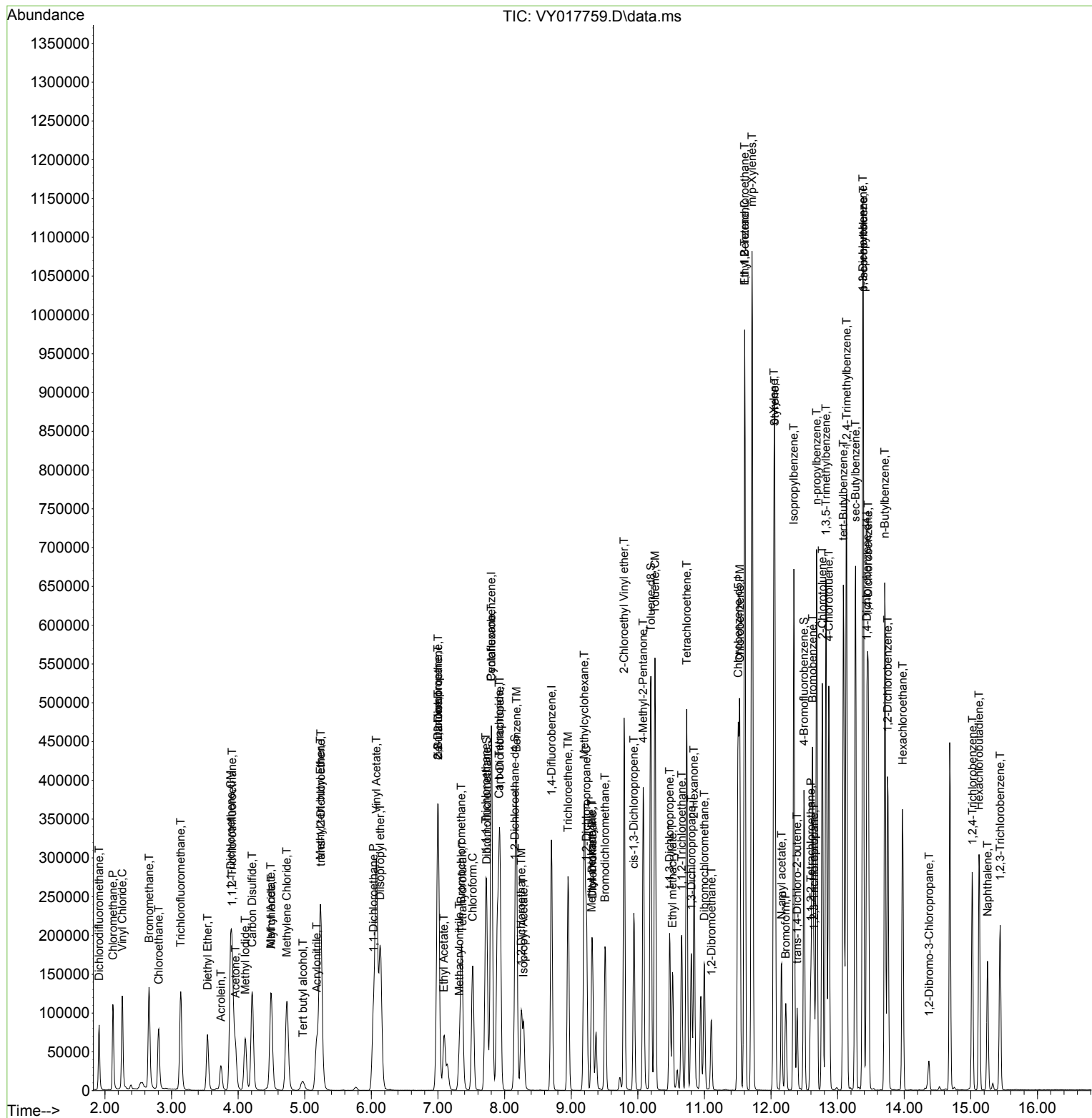
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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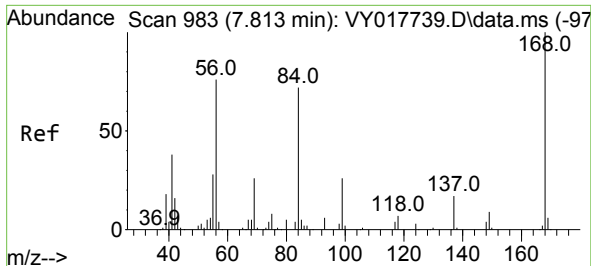
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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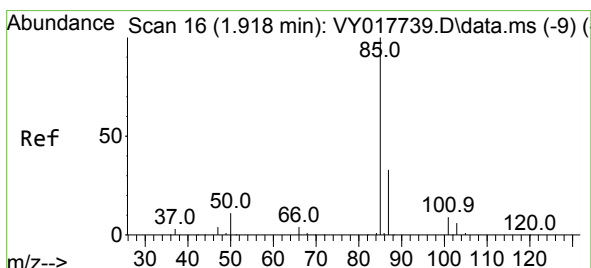
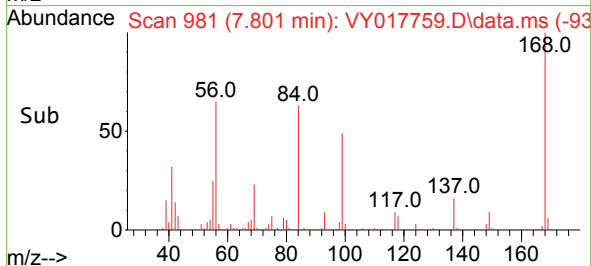
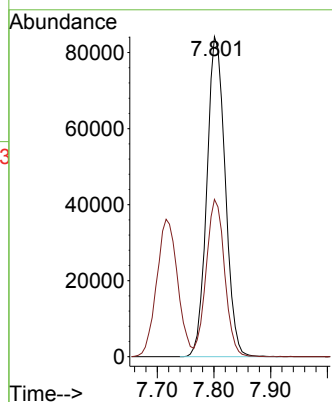
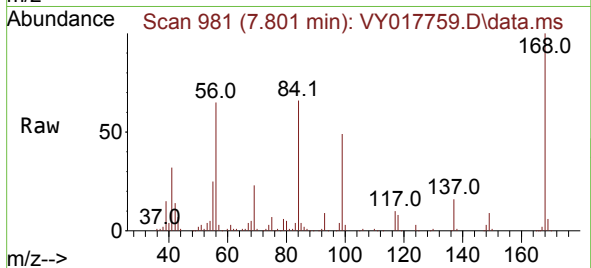




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 983
Delta R.T. -0.012 min
Lab File: VY017759.D
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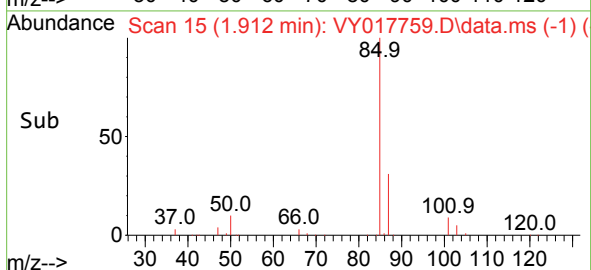
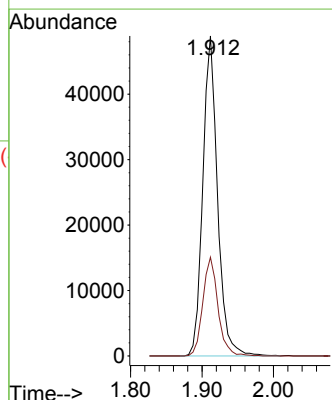
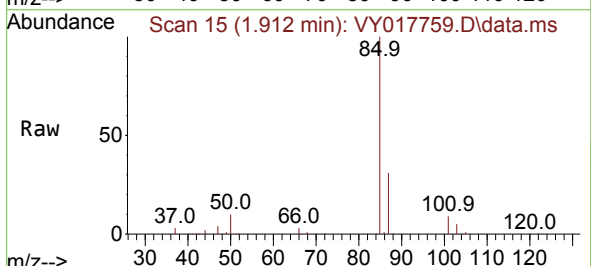
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

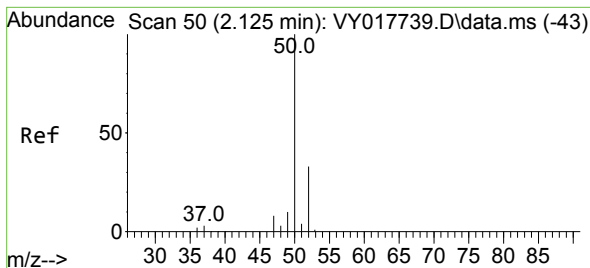
Tgt Ion:168 Resp: 189232
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.772 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 85 Resp: 69876
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0





#3

Chloromethane

Concen: 47.410 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

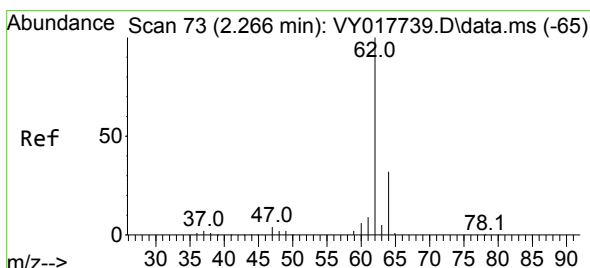
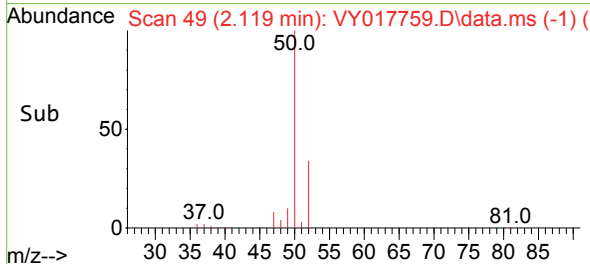
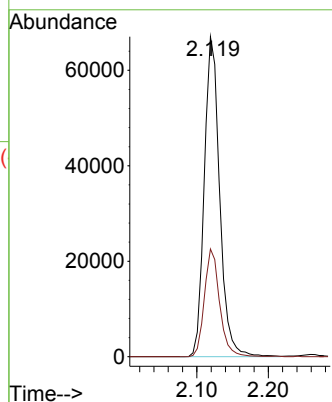
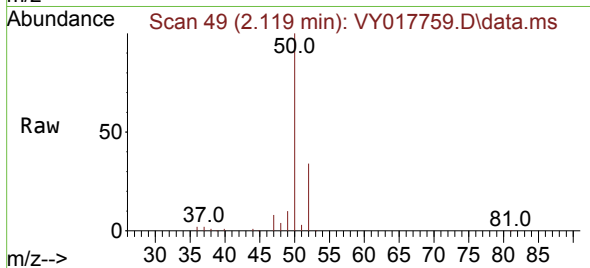
VSTDCCC050

Tgt Ion: 50 Resp: 100336

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



#4

Vinyl Chloride

Concen: 46.768 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.006 min

Lab File: VY017759.D

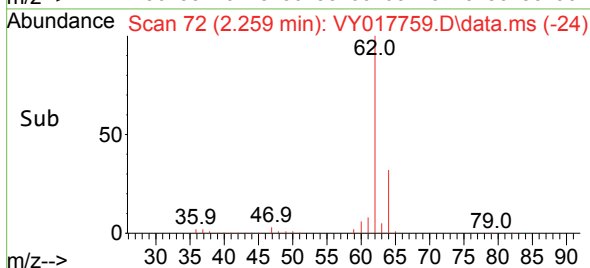
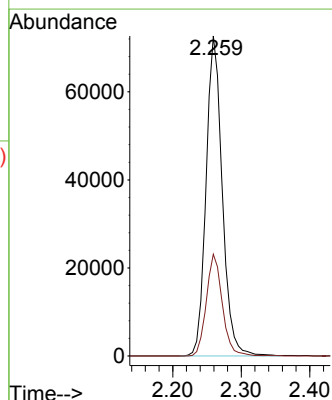
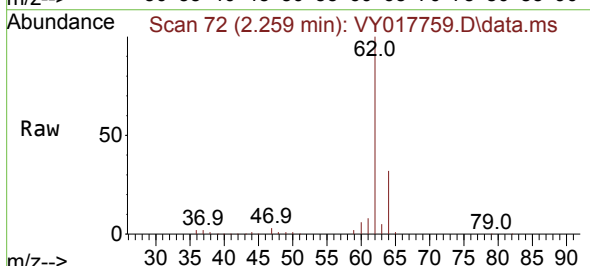
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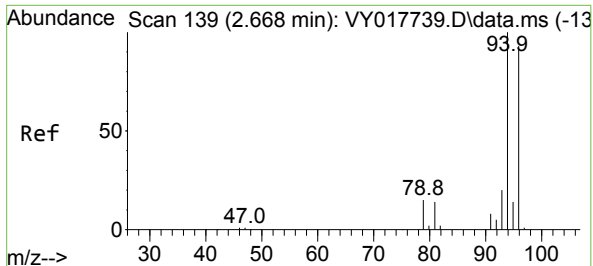
Tgt Ion: 62 Resp: 119673

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1

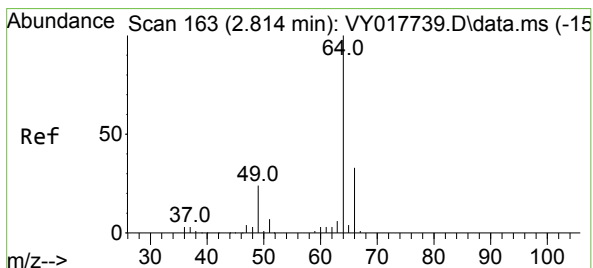
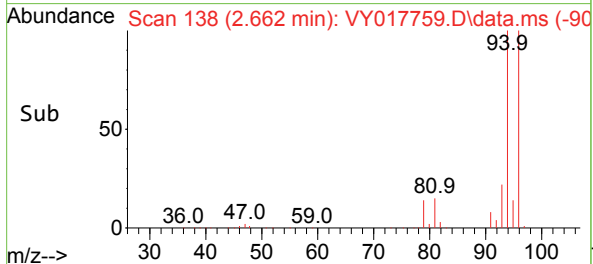
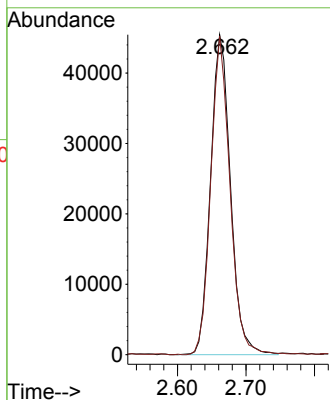
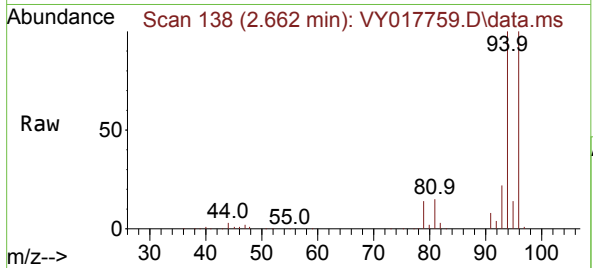




#5
Bromomethane
Concen: 46.002 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017759.D
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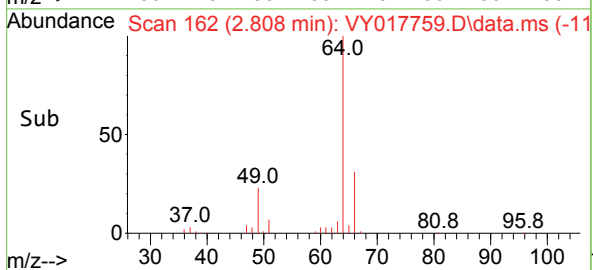
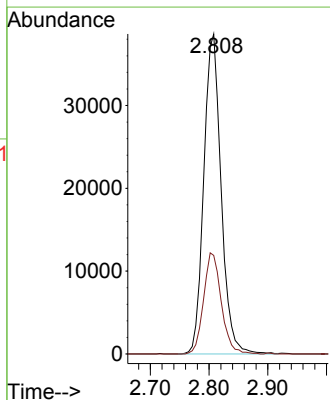
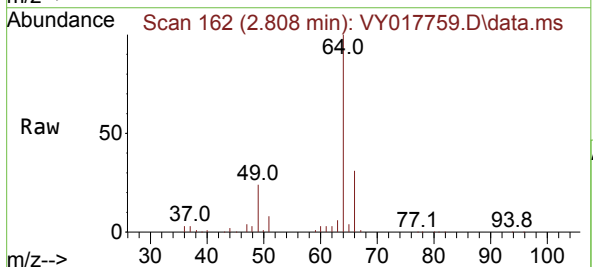
Instrument :
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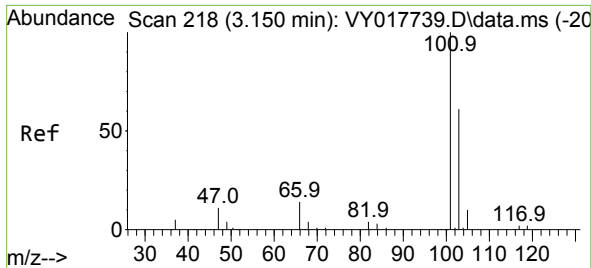
Tgt Ion: 94 Resp: 91910
Ion Ratio Lower Upper
94 100
96 99.4 74.1 111.1



#6
Chloroethane
Concen: 46.340 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 64 Resp: 79250
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1

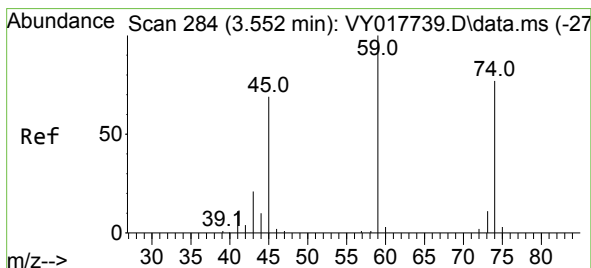
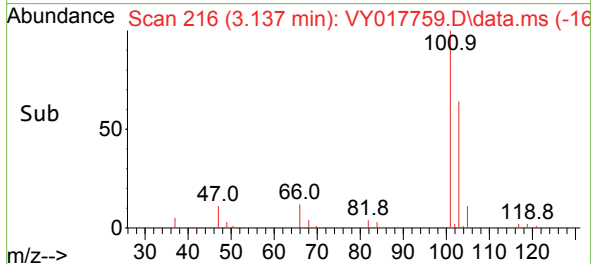
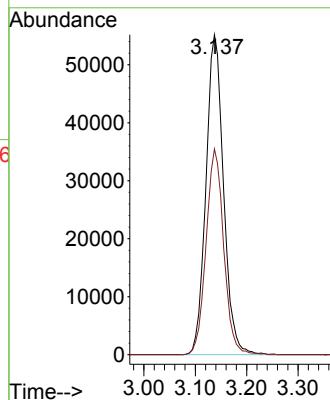
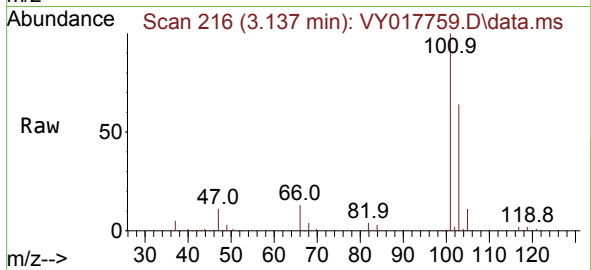




#7
Trichlorofluoromethane
Concen: 48.562 ug/l
RT: 3.137 min Scan# 218
Delta R.T. -0.012 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

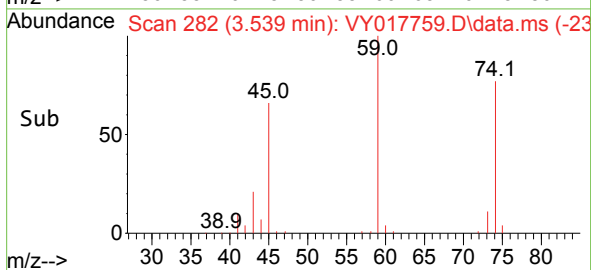
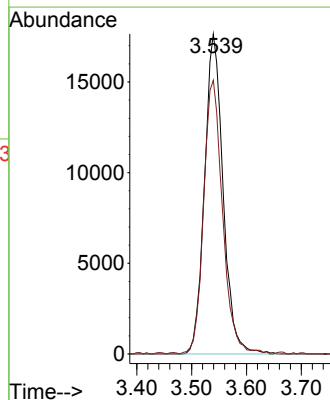
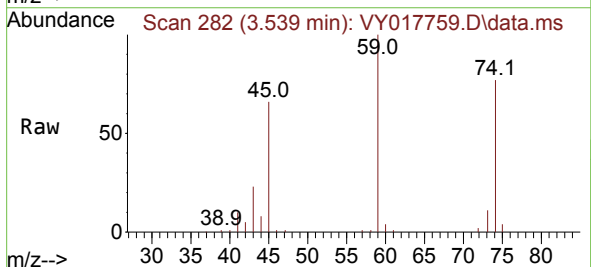
Instrument :
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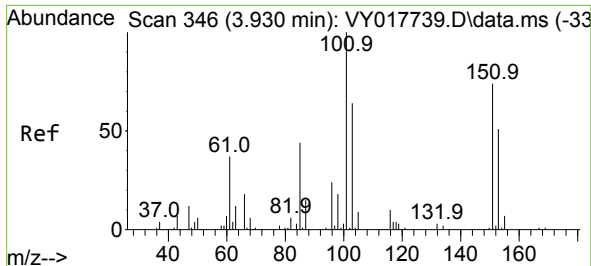
Tgt Ion:101 Resp: 130975
Ion Ratio Lower Upper
101 100
103 64.3 49.3 73.9



#8
Diethyl Ether
Concen: 46.611 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.013 min
Lab File: VY017759.D
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Tgt Ion: 74 Resp: 41446
Ion Ratio Lower Upper
74 100
45 87.4 41.3 124.1

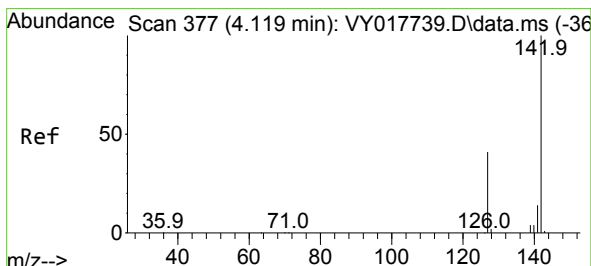
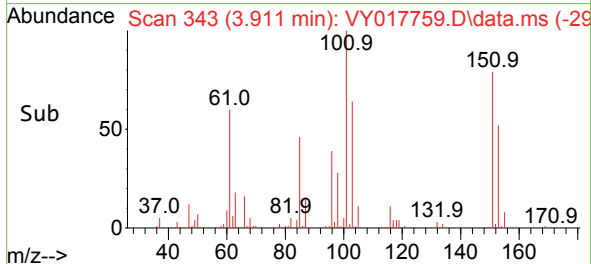
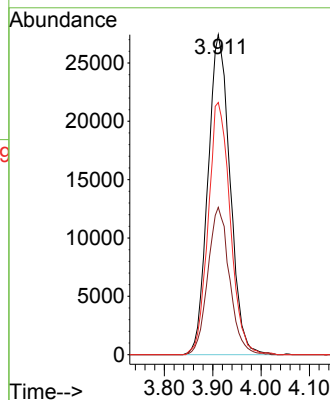
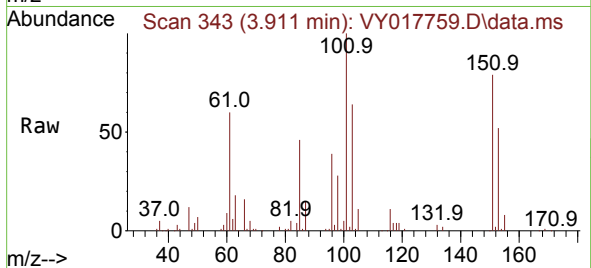




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.364 ug/l
RT: 3.911 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

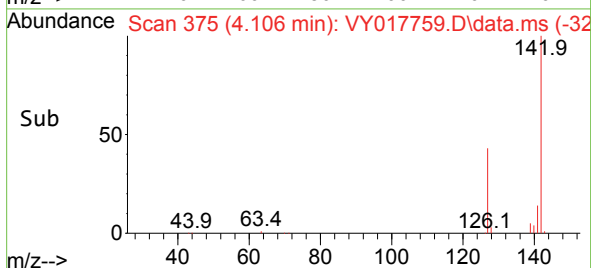
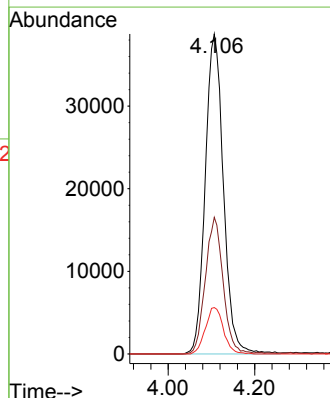
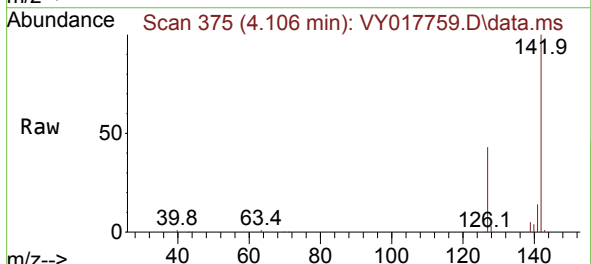
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050

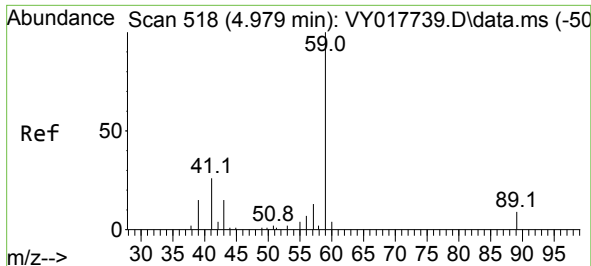
Tgt Ion:101 Resp: 87097
Ion Ratio Lower Upper
101 100
85 45.1 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 48.100 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:142 Resp: 112889
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 14.4 11.4 17.2

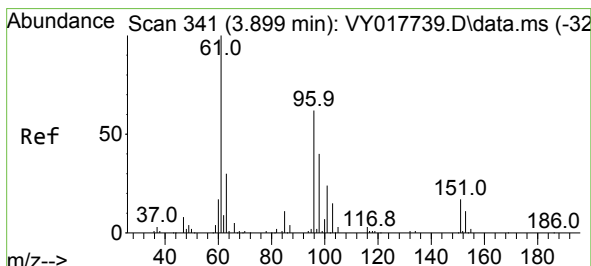
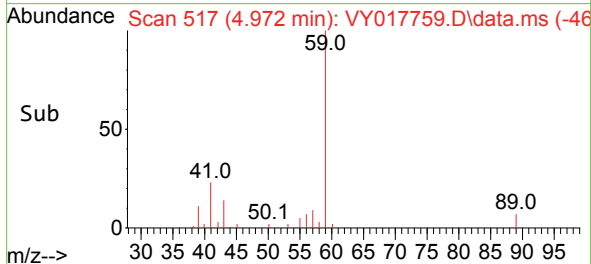
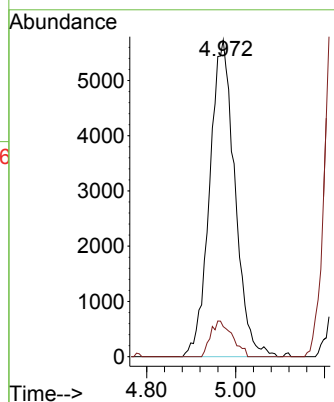
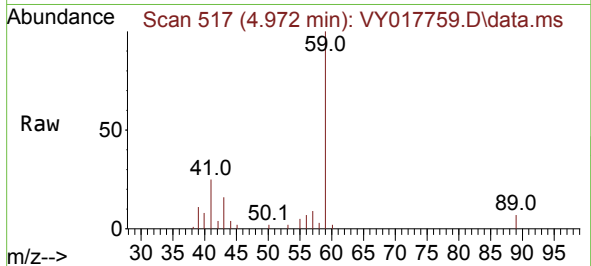




#11
Tert butyl alcohol
Concen: 205.960 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

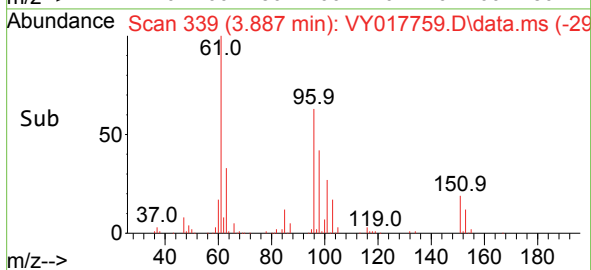
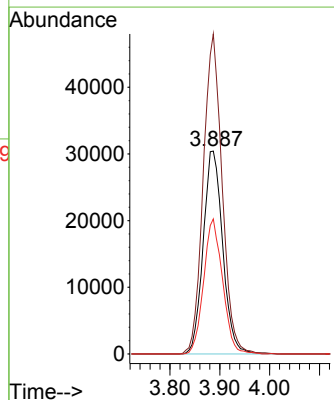
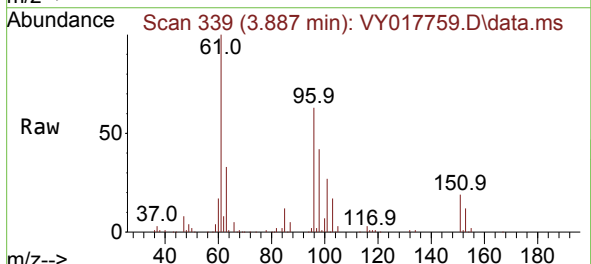
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

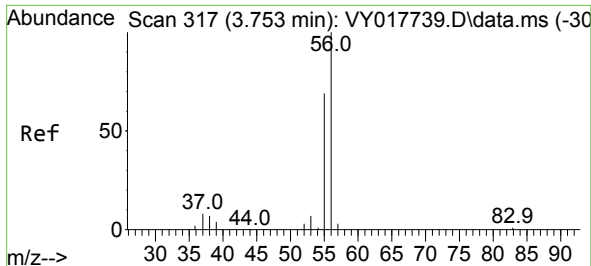
Tgt Ion: 59 Resp: 22584
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.846 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 96 Resp: 82797
Ion Ratio Lower Upper
96 100
61 157.7 114.6 171.8
98 66.6 50.8 76.2

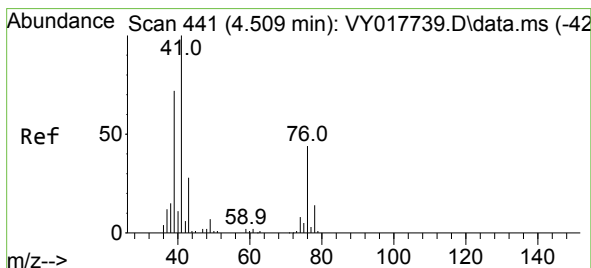
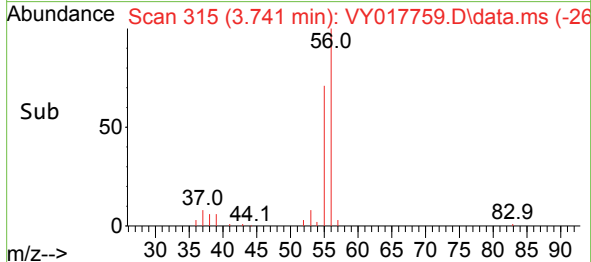
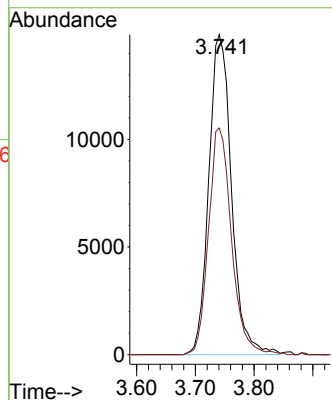
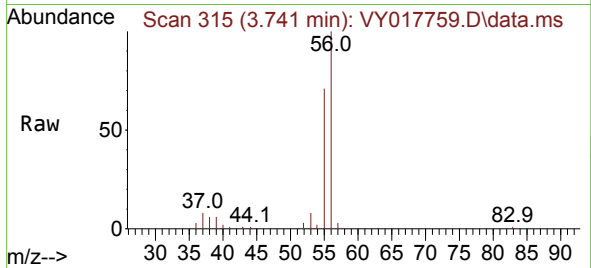




#13
Acrolein
Concen: 302.194 ug/l
RT: 3.741 min Scan# 317
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

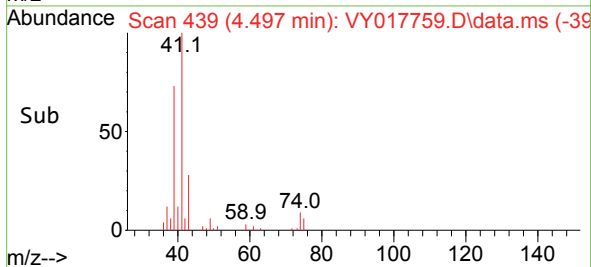
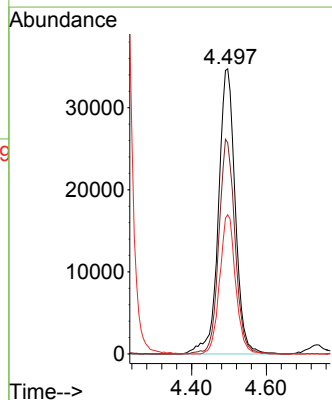
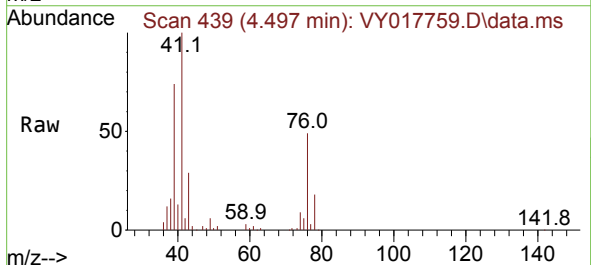
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

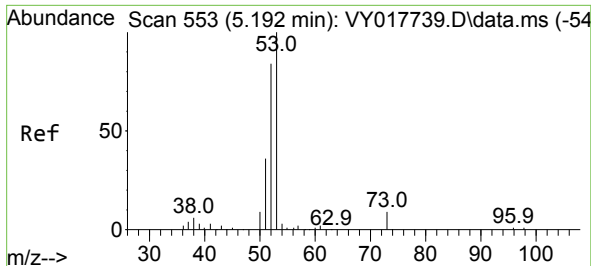
Tgt Ion: 56 Resp: 39943
Ion Ratio Lower Upper
56 100
55 71.6 55.7 83.5



#14
Allyl chloride
Concen: 44.227 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 41 Resp: 108246
Ion Ratio Lower Upper
41 100
39 72.7 58.3 87.5
76 46.2 39.0 58.6

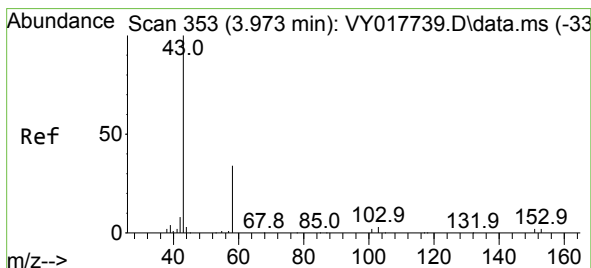
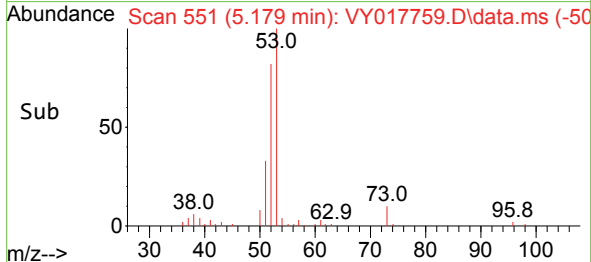
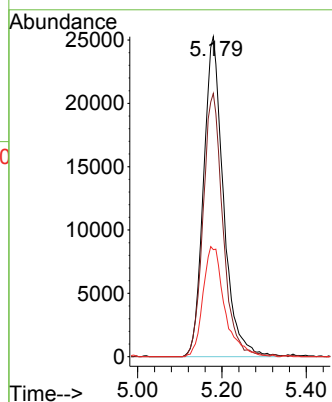
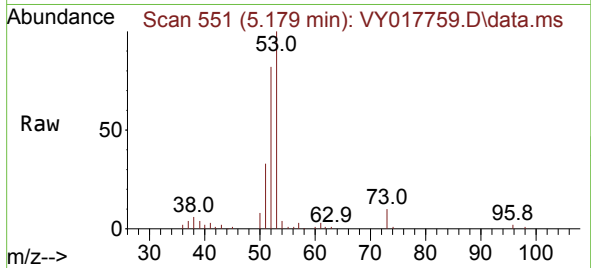




#15
Acrylonitrile
Concen: 225.923 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

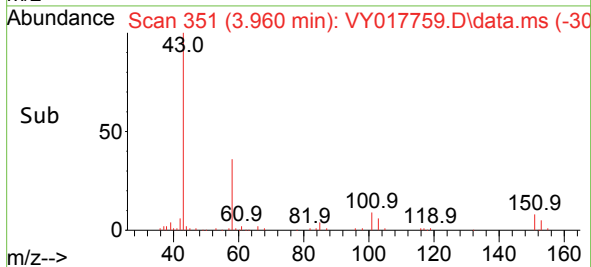
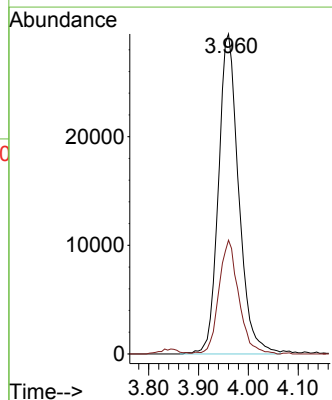
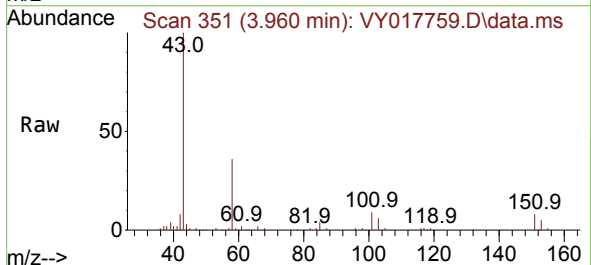
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

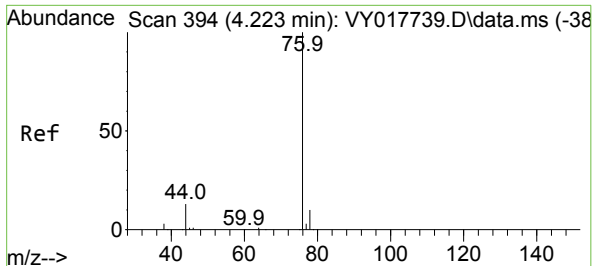
Tgt Ion: 53 Resp: 83220
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 287.885 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 43 Resp: 83011
Ion Ratio Lower Upper
43 100
58 35.6 31.7 47.5





#17

Carbon Disulfide

Concen: 43.557 ug/l

RT: 4.210 min Scan# 394

Delta R.T. -0.012 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

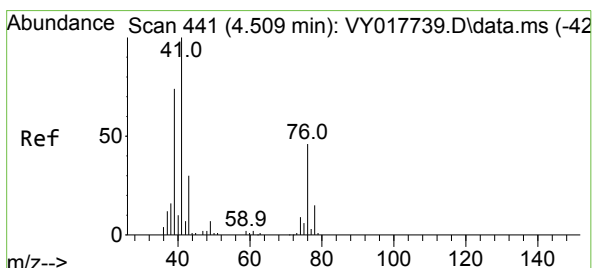
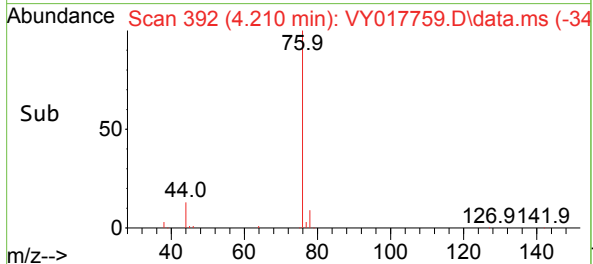
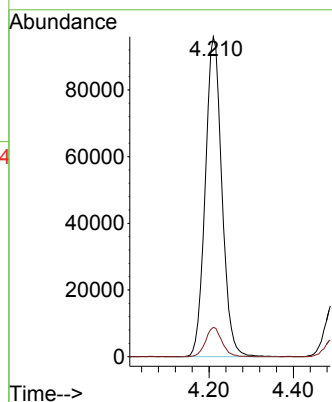
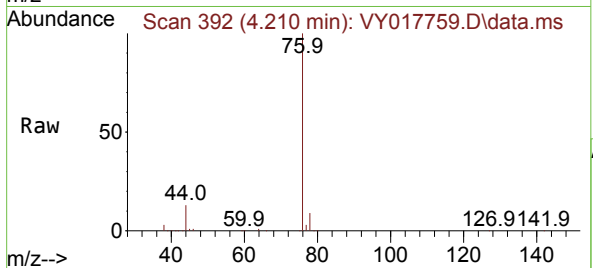
VSTDCCC050

Tgt Ion: 76 Resp: 263213

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 43.773 ug/l

RT: 4.490 min Scan# 438

Delta R.T. -0.019 min

Lab File: VY017759.D

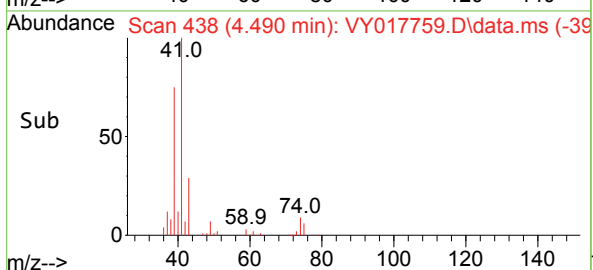
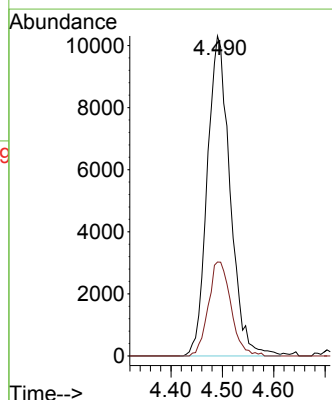
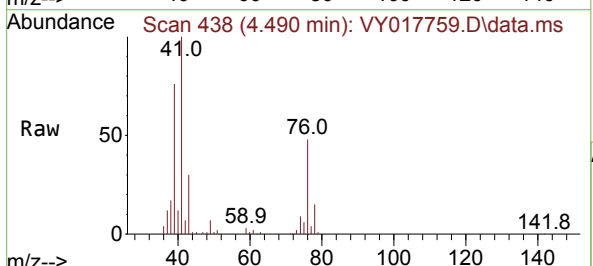
Acq: 26 Mar 2024 10:07

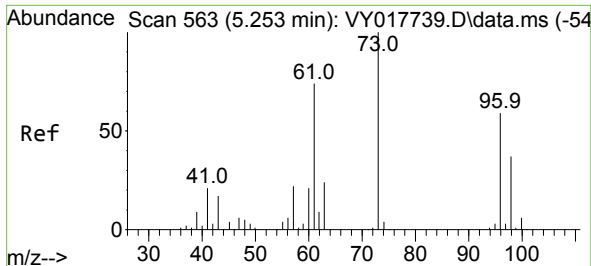
Tgt Ion: 43 Resp: 31779

Ion Ratio Lower Upper

43 100

74 29.1 23.3 34.9

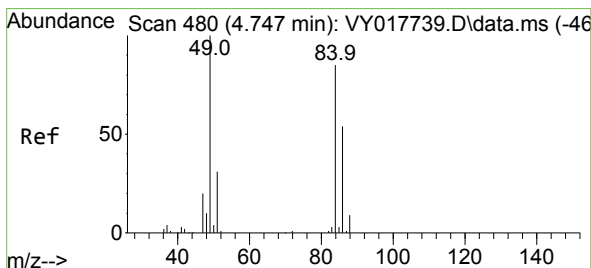
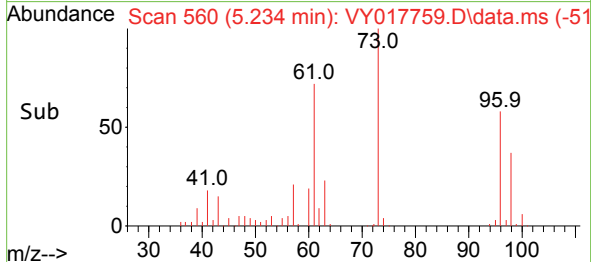
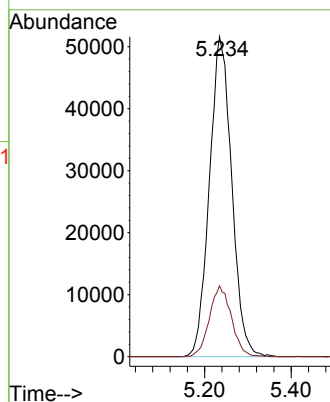
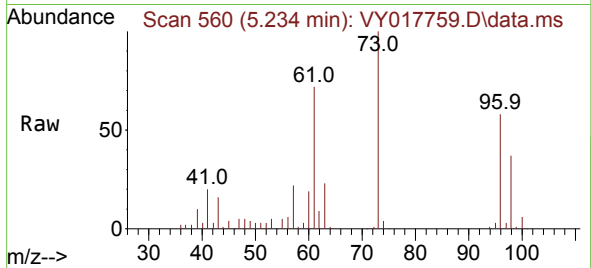




#19
Methyl tert-butyl Ether
Concen: 47.431 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

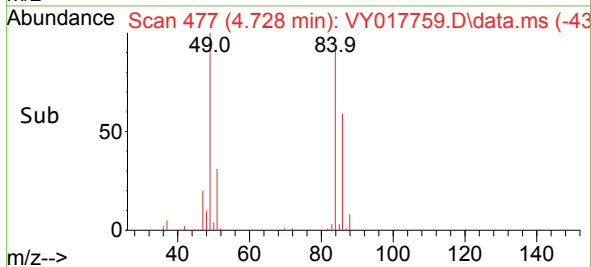
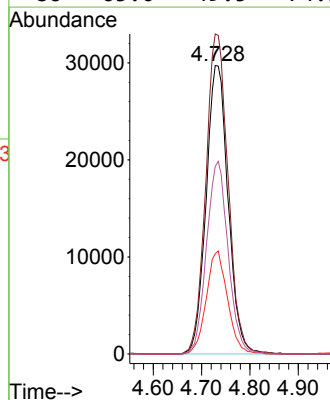
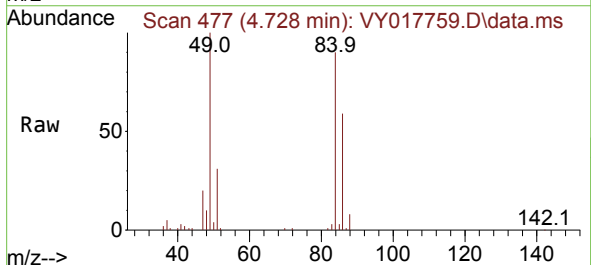
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

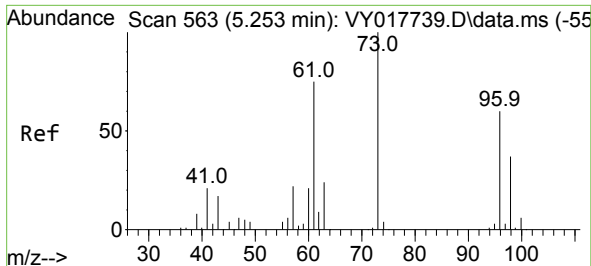
Tgt Ion: 73 Resp: 184694
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 44.794 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.019 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 84 Resp: 93935
Ion Ratio Lower Upper
84 100
49 110.9 84.4 126.6
51 34.7 26.0 39.0
86 65.0 49.5 74.3

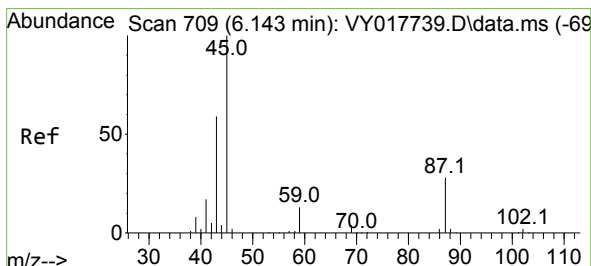
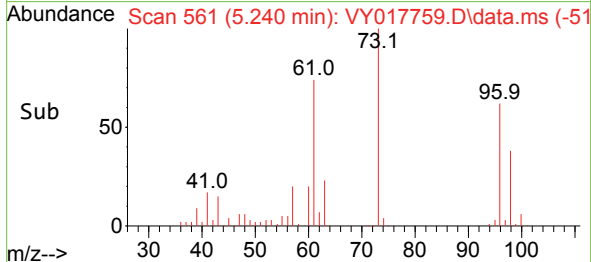
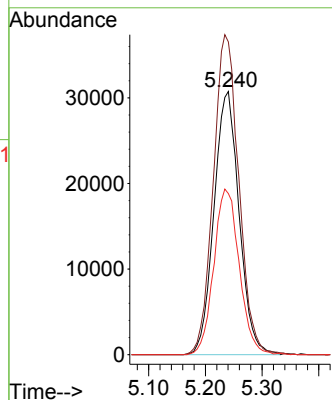
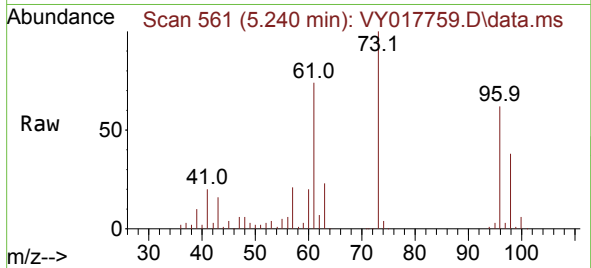




#21
trans-1,2-Dichloroethene
Concen: 46.015 ug/l
RT: 5.240 min Scan# 50
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

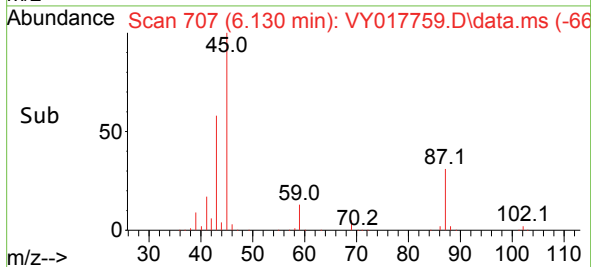
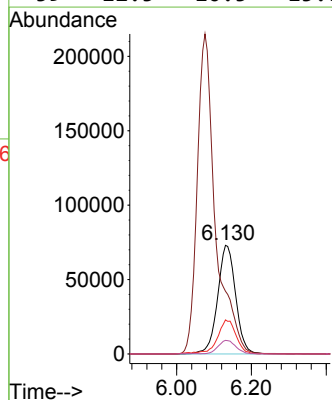
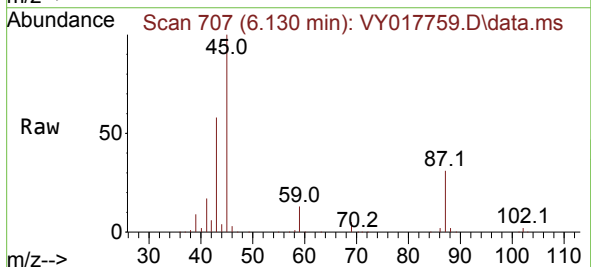
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

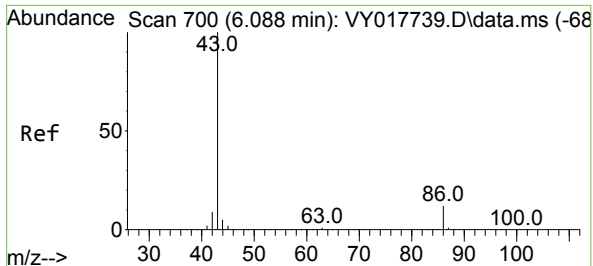
Tgt Ion: 96 Resp: 94738
Ion Ratio Lower Upper
96 100
61 118.8 97.5 146.3
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 45.935 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 45 Resp: 244788
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 31.3 25.0 37.6
59 12.5 10.5 15.7

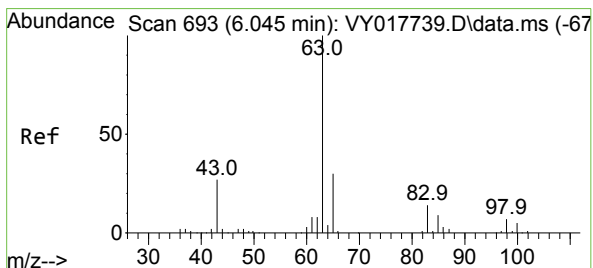
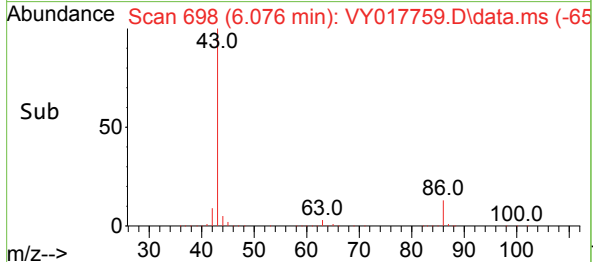
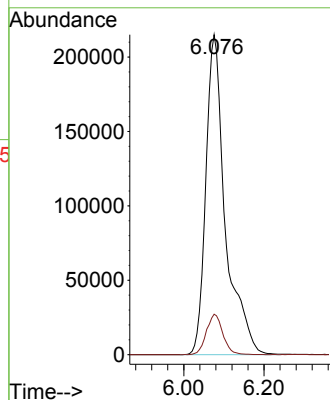
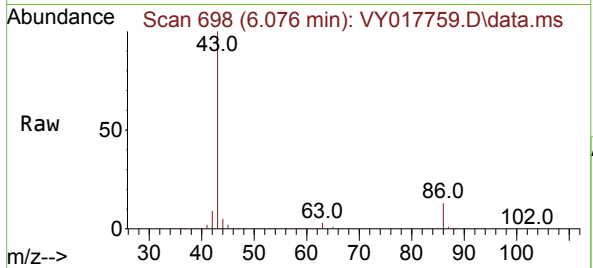




#23
 Vinyl Acetate
 Concen: 232.023 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.013 min
 Lab File: VY017759.D
 Acq: 26 Mar 2024 10:07

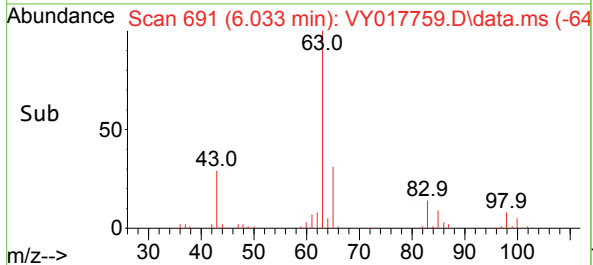
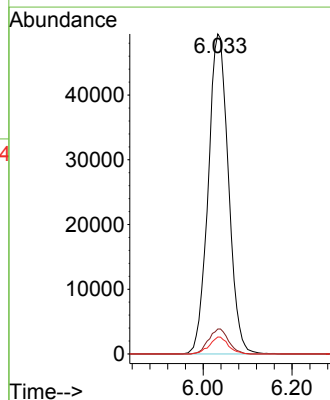
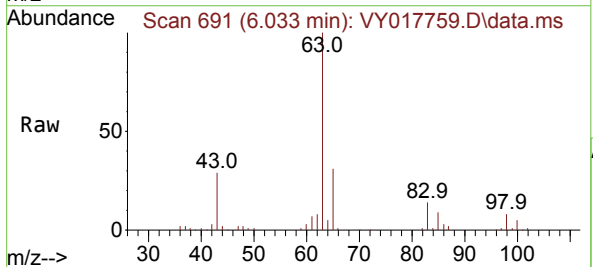
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

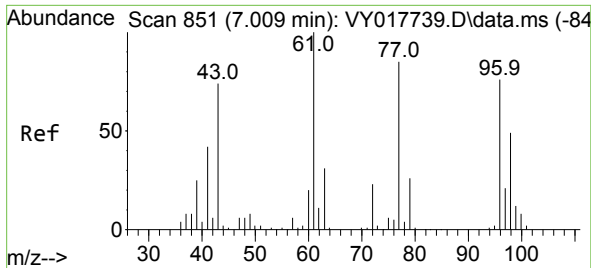
Tgt Ion: 43 Resp: 726226
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.555 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.012 min
 Lab File: VY017759.D
 Acq: 26 Mar 2024 10:07

Tgt Ion: 63 Resp: 156061
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.3 2.6 8.0

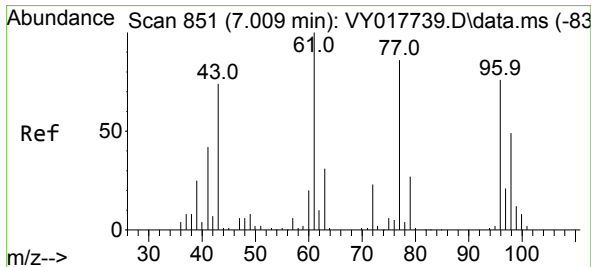
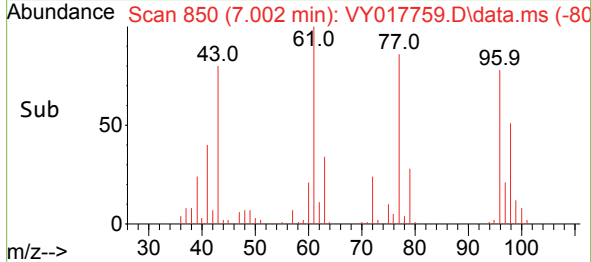
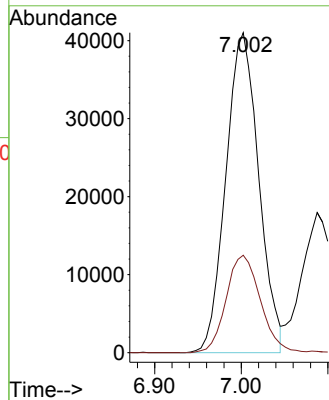
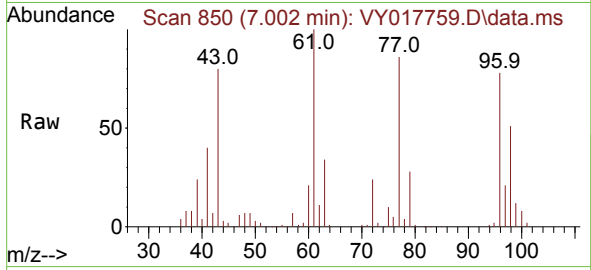




#25
2-Butanone
Concen: 221.899 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.007 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

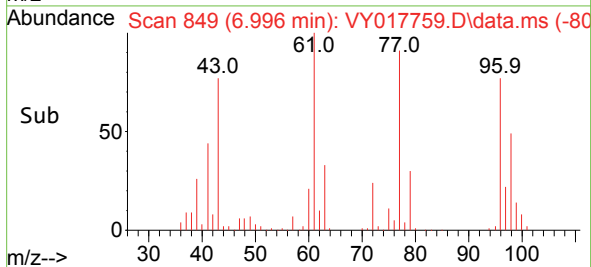
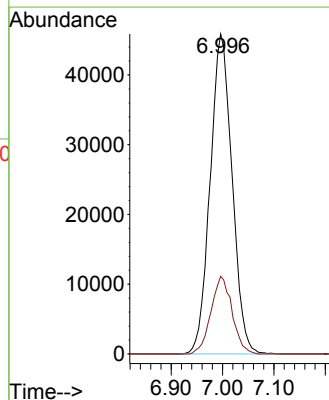
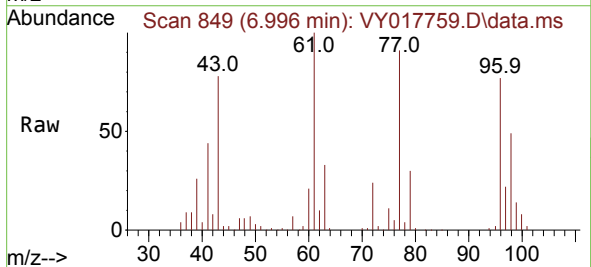
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

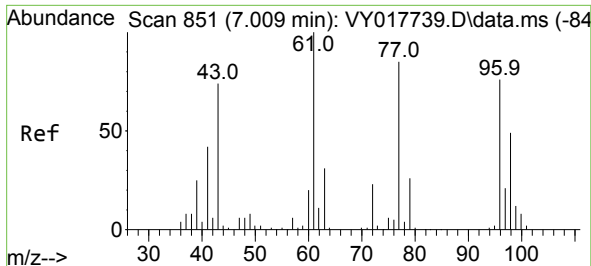
Tgt Ion: 43 Resp: 108236
Ion Ratio Lower Upper
43 100
72 30.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 45.673 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 77 Resp: 135982
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1



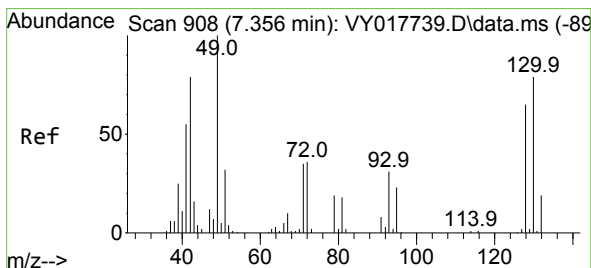
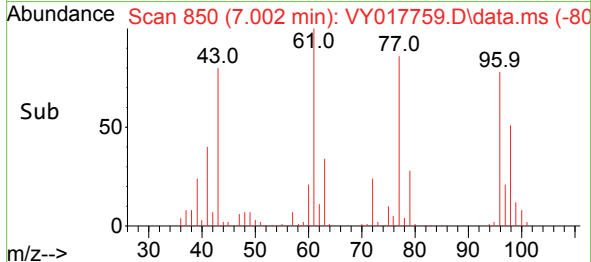
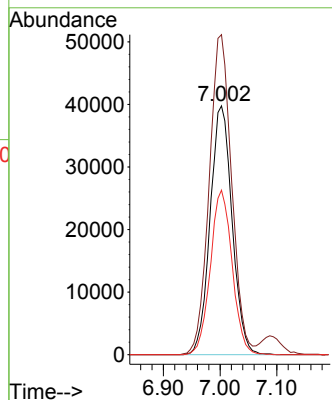
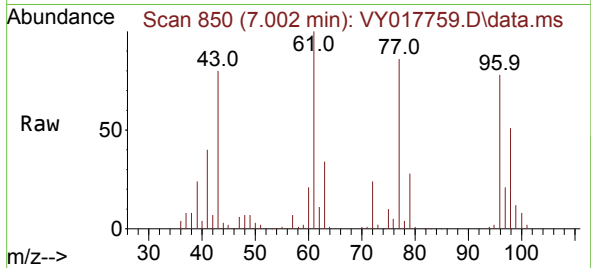


#27
 cis-1,2-Dichloroethene
 Concen: 46.020 ug/l
 RT: 7.002 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY017759.D
 Acq: 26 Mar 2024 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 107172

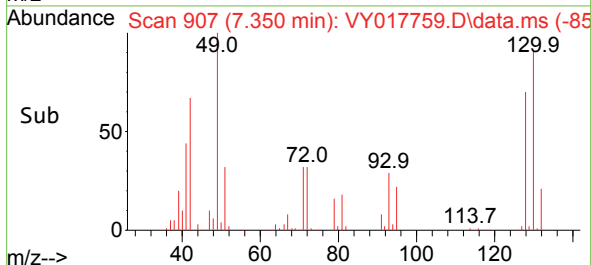
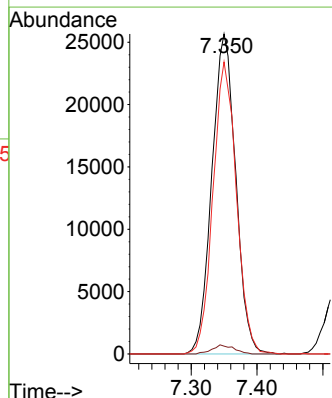
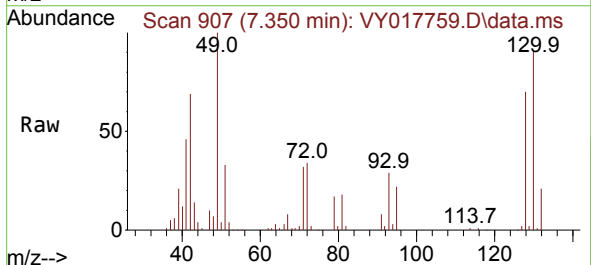
Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	256.2
98	65.5	0.0	130.0

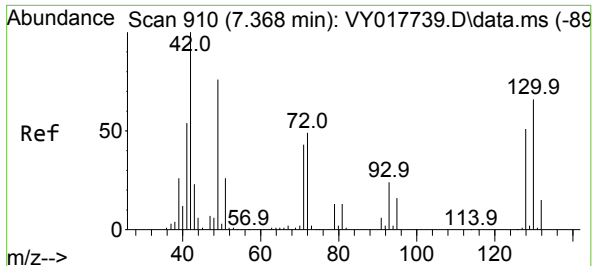


#28
 Bromochloromethane
 Concen: 47.703 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY017759.D
 Acq: 26 Mar 2024 10:07

Tgt Ion: 49 Resp: 64776

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	89.4	72.7	109.1





#29

Tetrahydrofuran

Concen: 209.563 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

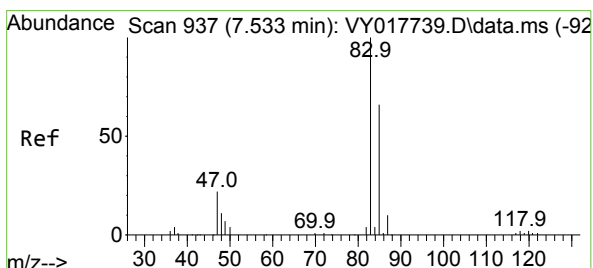
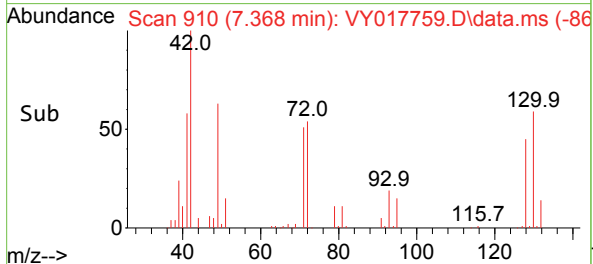
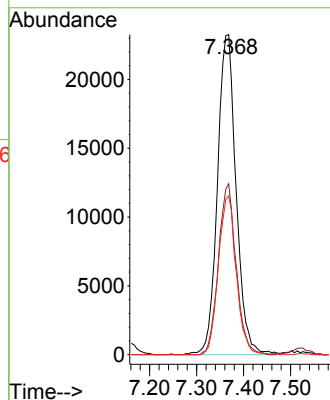
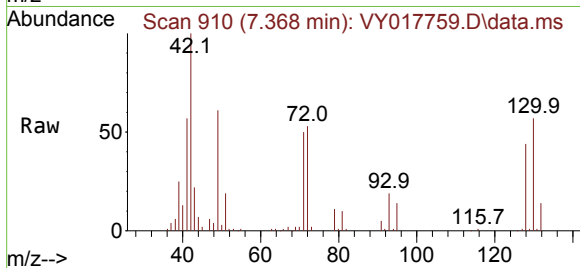
Tgt Ion: 42 Resp: 64336

Ion Ratio Lower Upper

42 100

72 50.6 43.0 64.4

71 47.4 40.8 61.2



#30

Chloroform

Concen: 45.188 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY017759.D

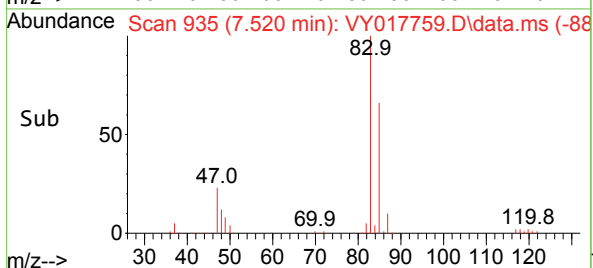
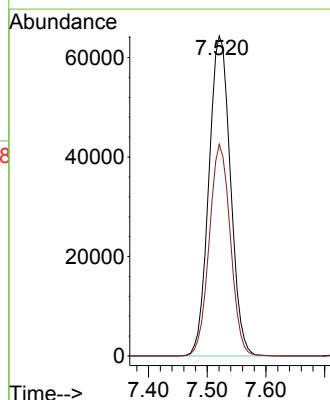
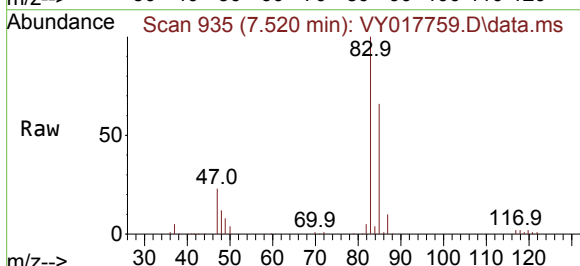
Acq: 26 Mar 2024 10:07

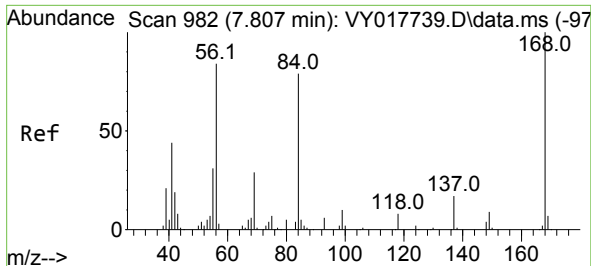
Tgt Ion: 83 Resp: 164083

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

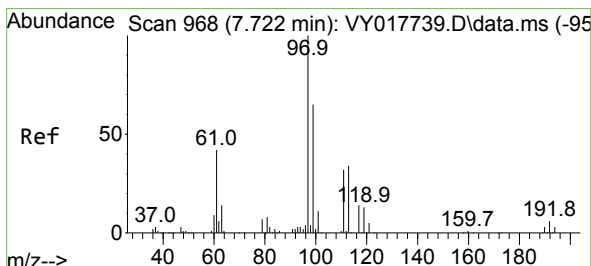
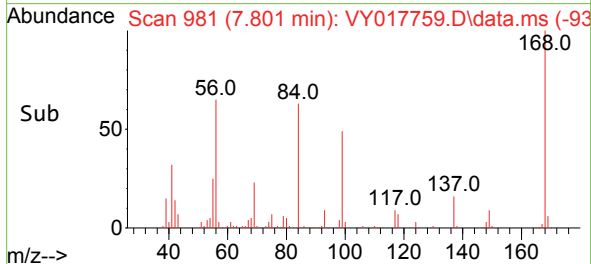
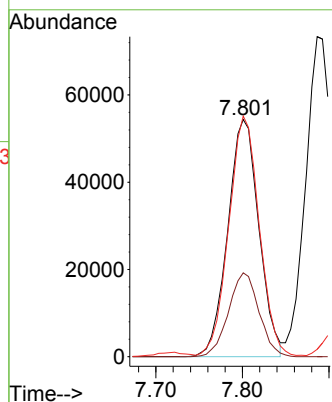
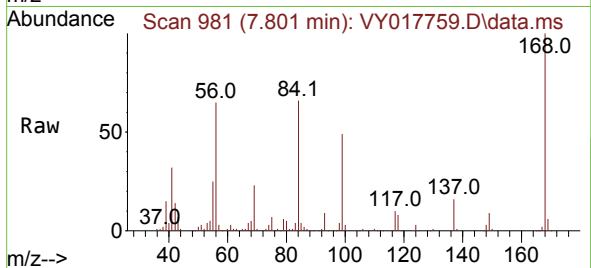




#31
Cyclohexane
Concen: 41.563 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

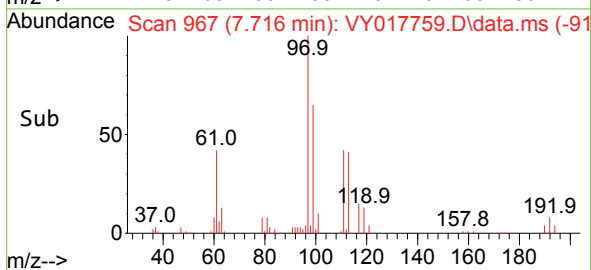
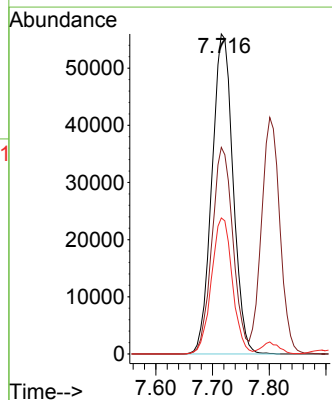
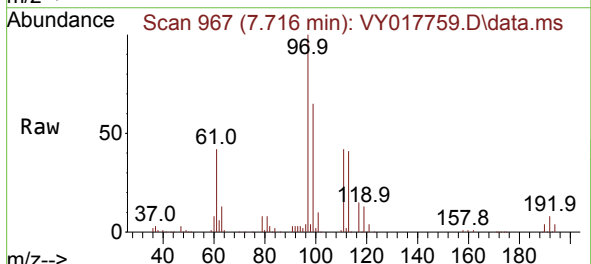
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

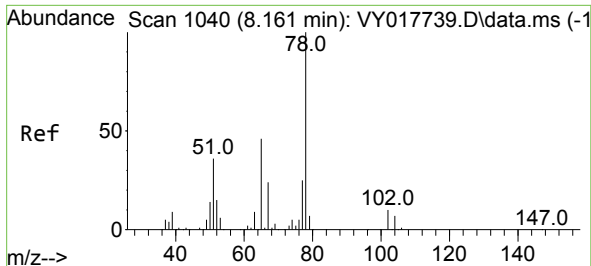
Tgt Ion: 56 Resp: 135518
Ion Ratio Lower Upper
56 100
69 35.4 28.7 43.1
84 100.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.806 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 97 Resp: 144855
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 42.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.560 ug/l

RT: 8.154 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

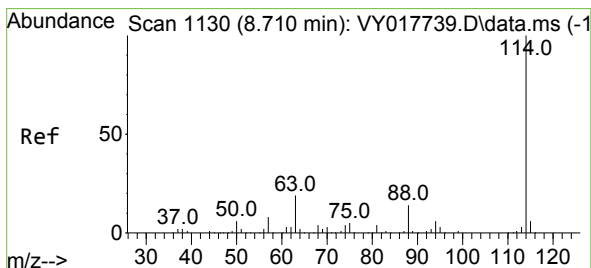
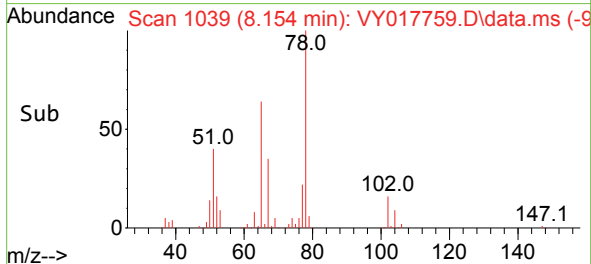
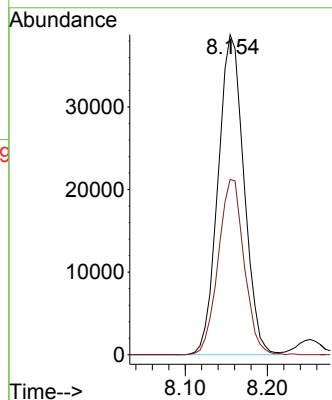
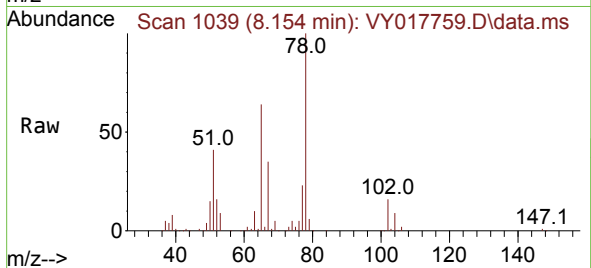
VSTDCCC050

Tgt Ion: 65 Resp: 84999

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

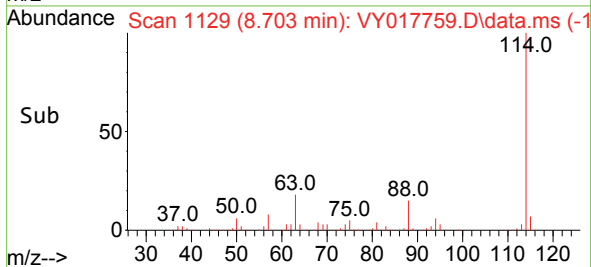
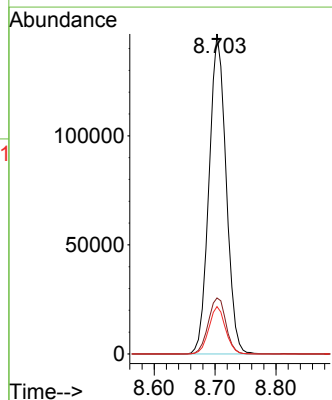
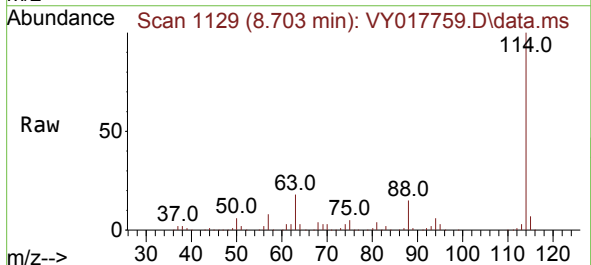
Tgt Ion: 114 Resp: 284777

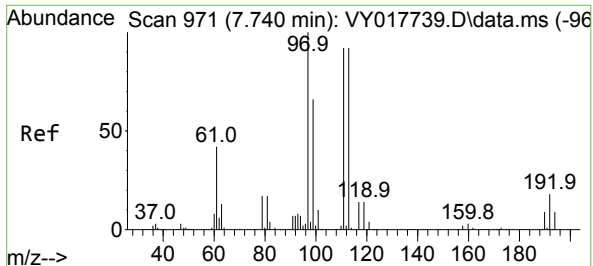
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

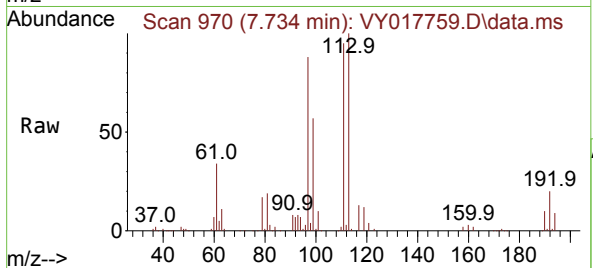
88 14.8 0.0 27.2



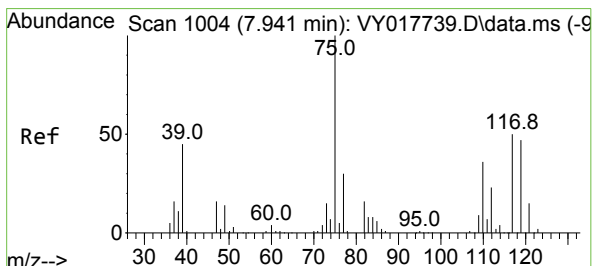
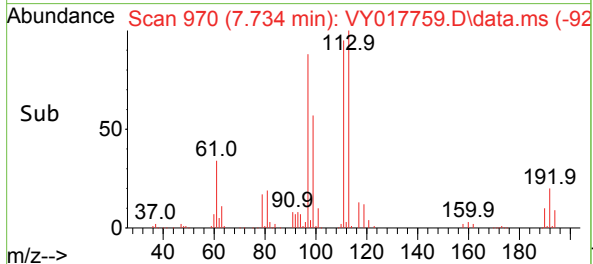
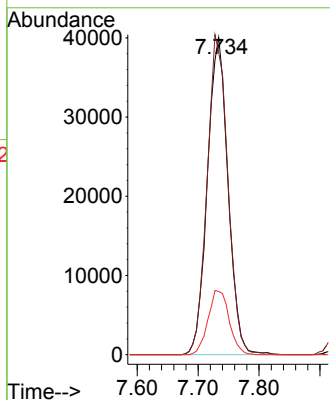


#35
Dibromofluoromethane
Concen: 55.363 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

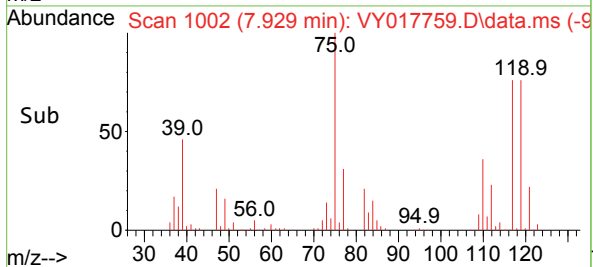
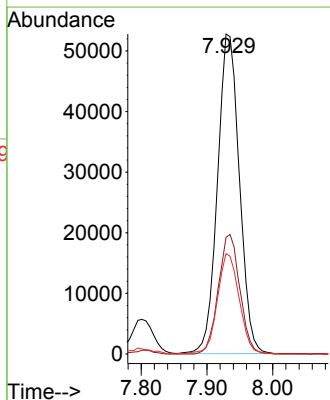
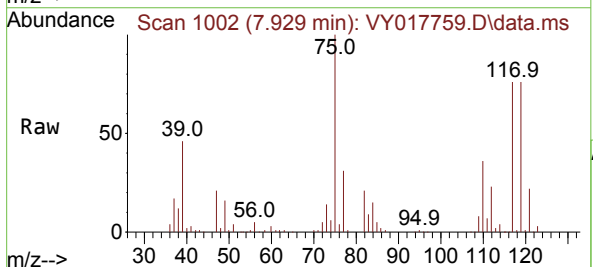


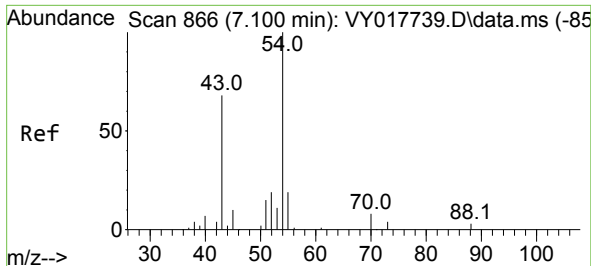
Tgt Ion:113 Resp: 94243
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.480 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 75 Resp: 122235
Ion Ratio Lower Upper
75 100
110 36.7 19.0 57.0
77 31.2 25.3 37.9

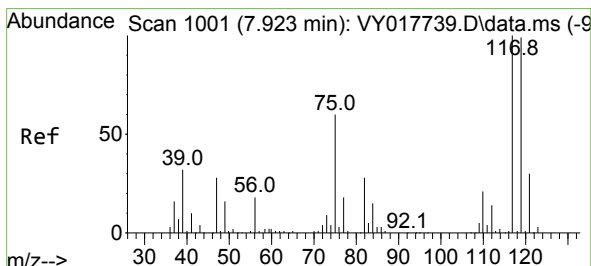
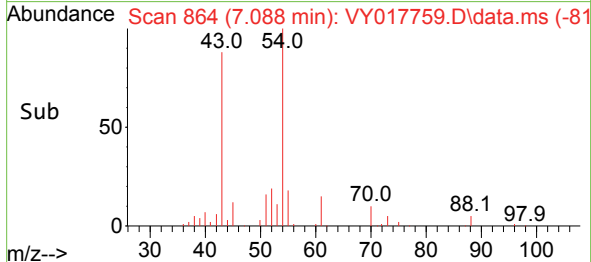
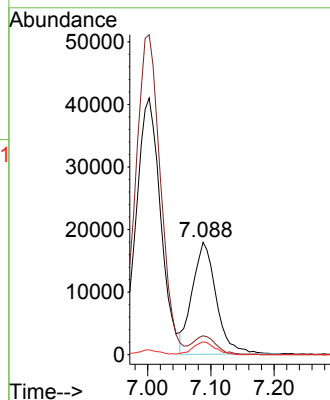
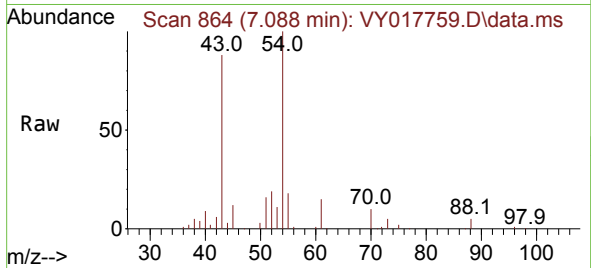




#37
Ethyl Acetate
Concen: 46.726 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

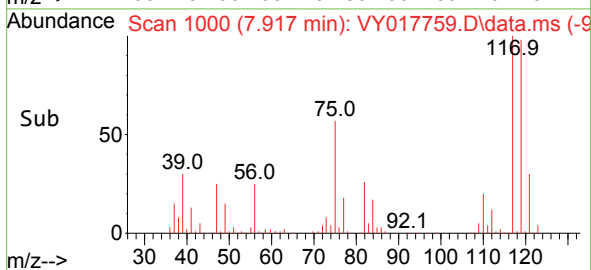
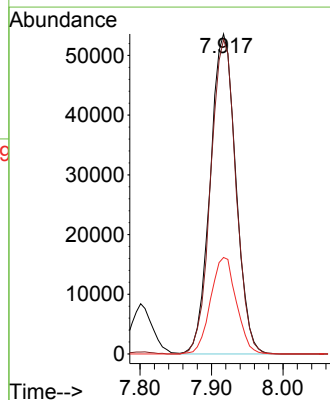
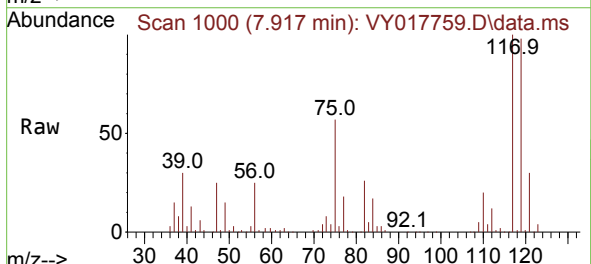
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

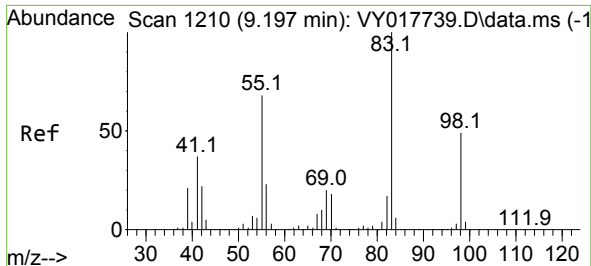
Tgt Ion: 43 Resp: 47219
Ion Ratio Lower Upper
43 100
61 15.2 12.6 19.0
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.344 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 117 Resp: 133123
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 47.039 ug/l

RT: 9.197 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

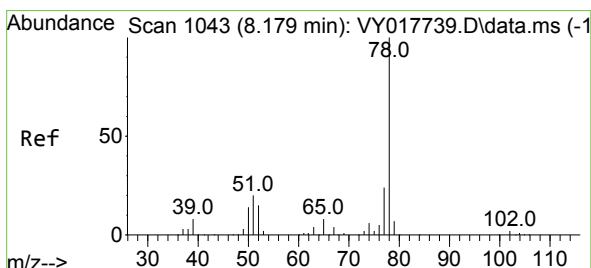
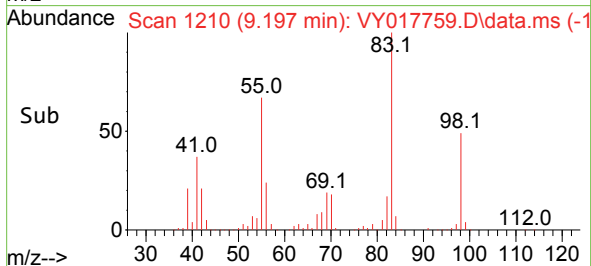
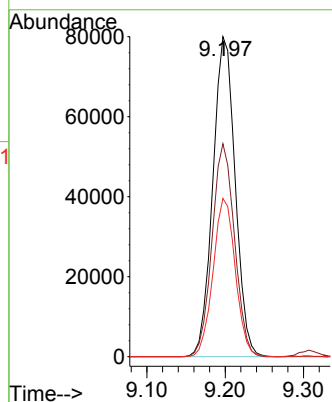
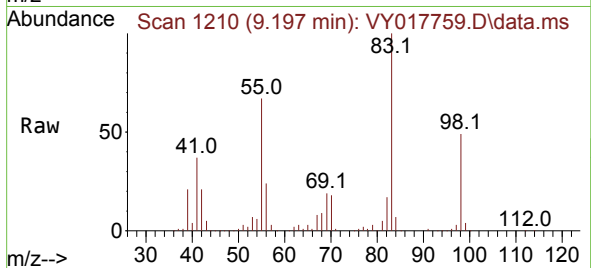
Tgt Ion: 83 Resp: 158800

Ion Ratio Lower Upper

83 100

55 66.6 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 47.291 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY017759.D

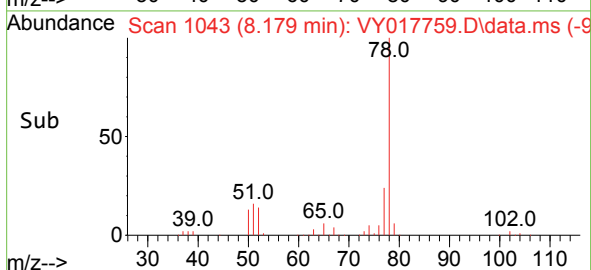
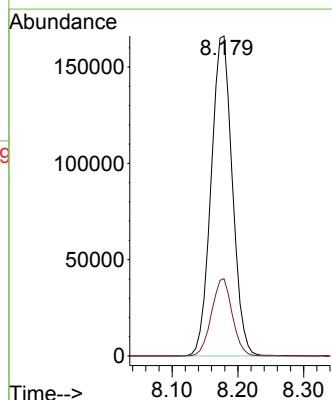
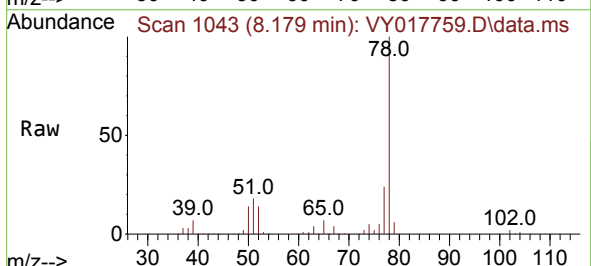
Acq: 26 Mar 2024 10:07

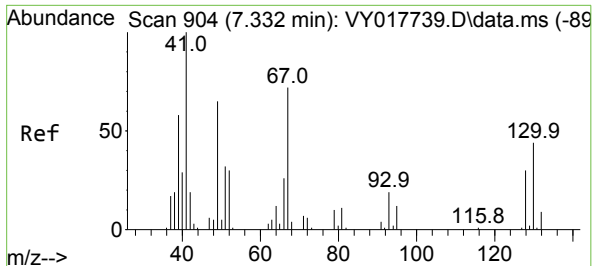
Tgt Ion: 78 Resp: 372277

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

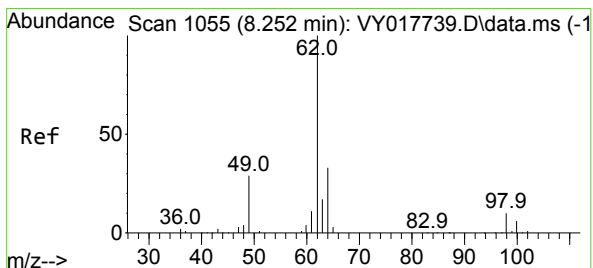
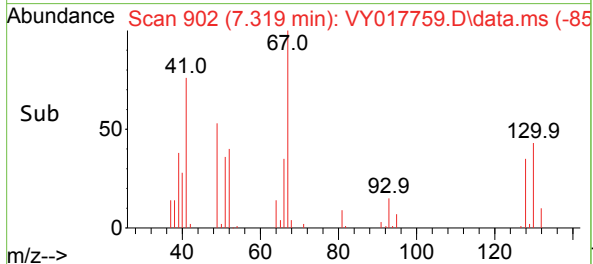
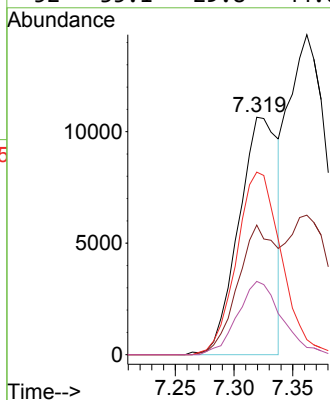
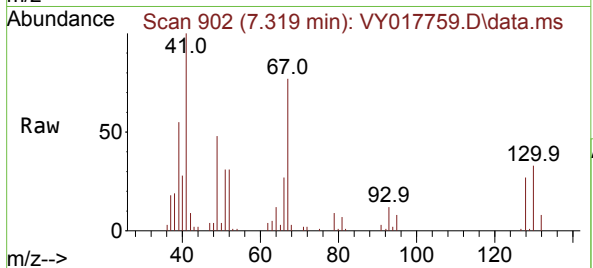




#41
Methacrylonitrile
Concen: 49.408 ug/l
RT: 7.319 min Scan# 904
Delta R.T. -0.013 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

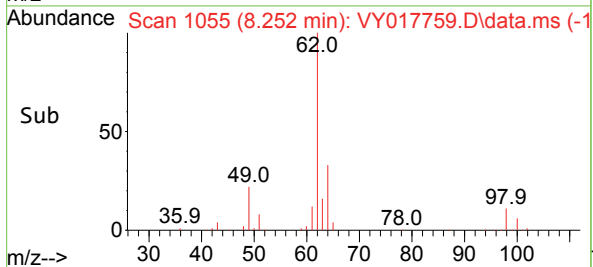
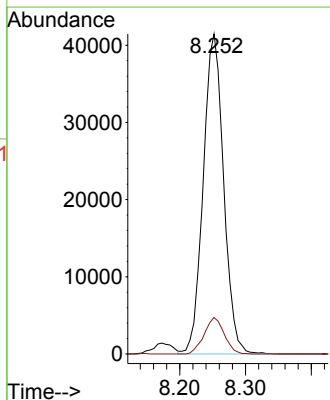
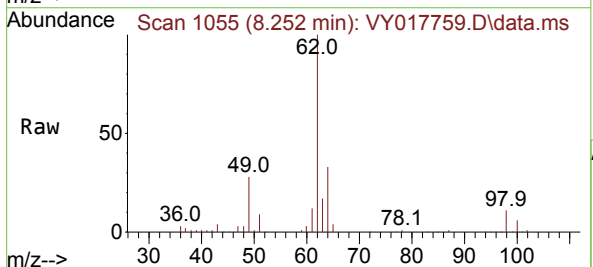
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

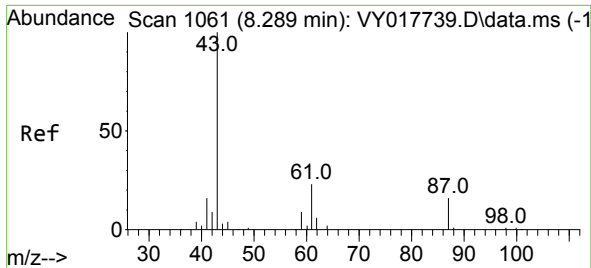
Tgt Ion:	41	Resp:	24663
Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.0	72.0
67	88.8	75.1	112.7
52	35.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 47.452 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:	62	Resp:	89472
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

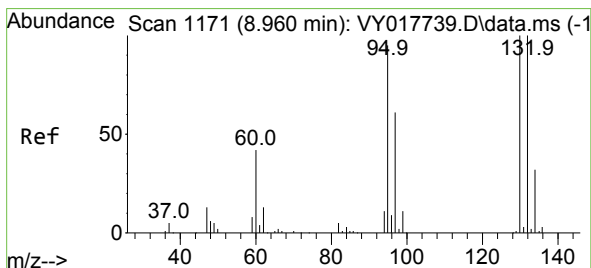
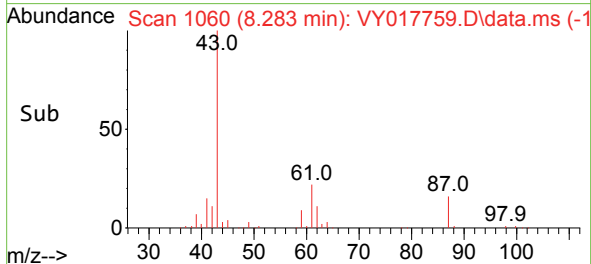
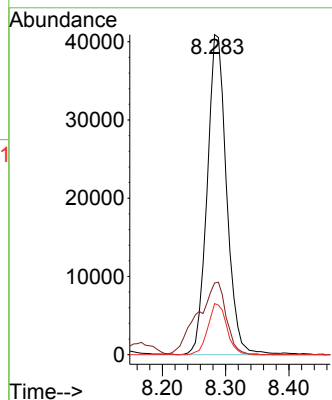
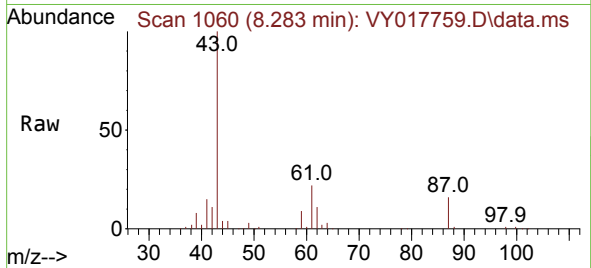




#43
Isopropyl Acetate
Concen: 43.699 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

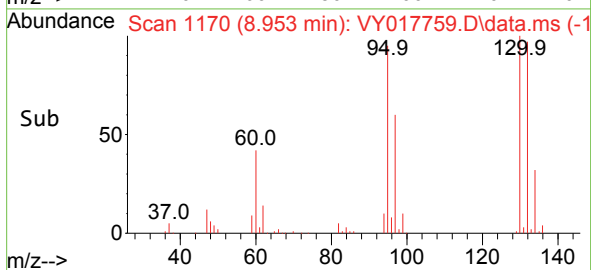
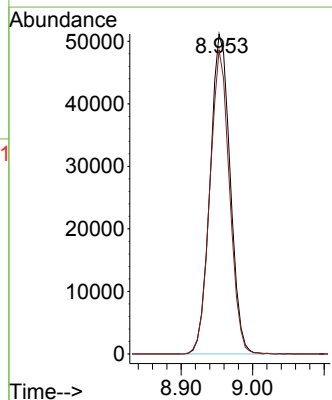
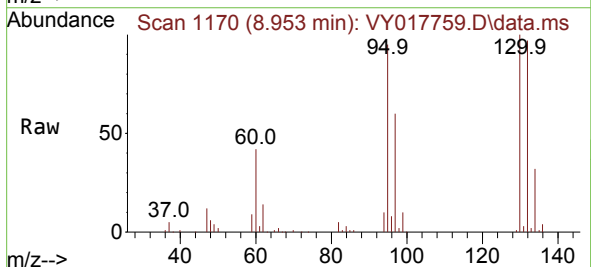
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

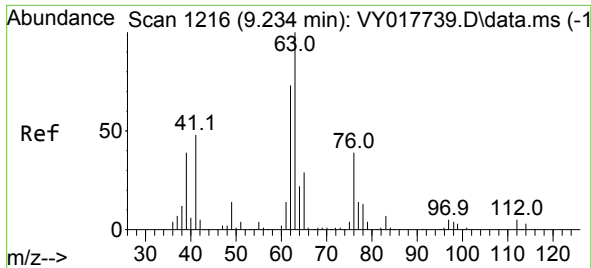
Tgt Ion: 43 Resp: 87184
Ion Ratio Lower Upper
43 100
61 33.3 27.9 41.9
87 15.5 13.1 19.7



#44
Trichloroethene
Concen: 48.462 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:130 Resp: 99786
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0

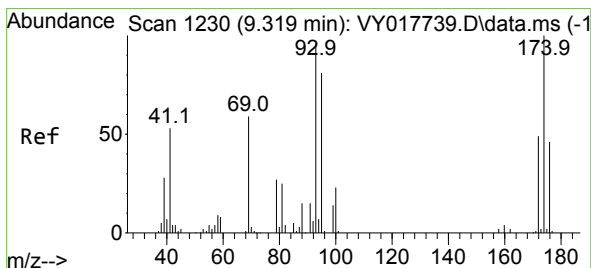
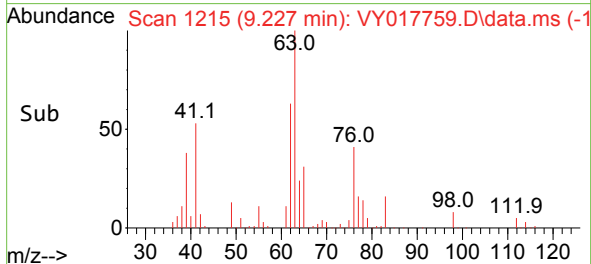
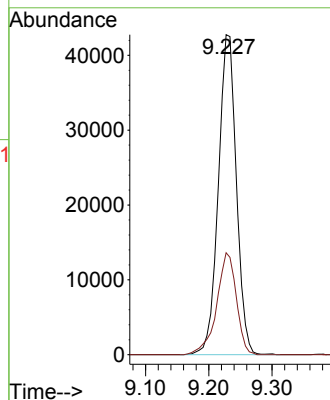
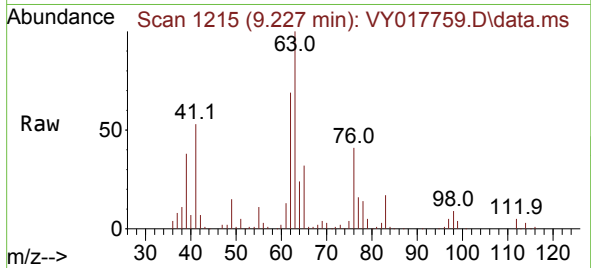




#45
1,2-Dichloropropane
Concen: 47.071 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

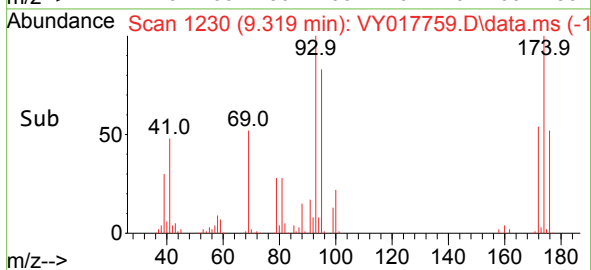
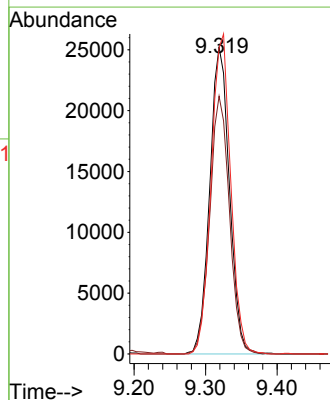
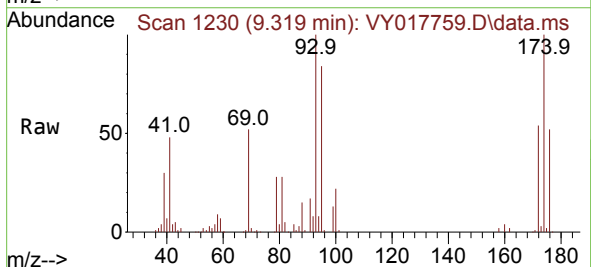
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

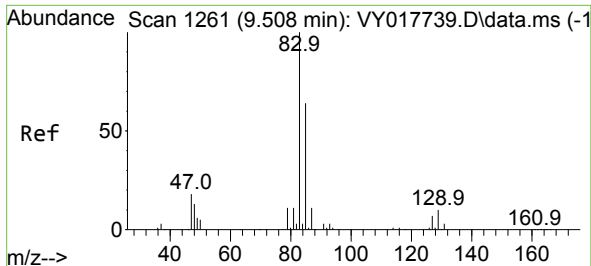
Tgt Ion: 63 Resp: 84428
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.2



#46
Dibromomethane
Concen: 48.335 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 93 Resp: 48311
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 103.3 80.9 121.3

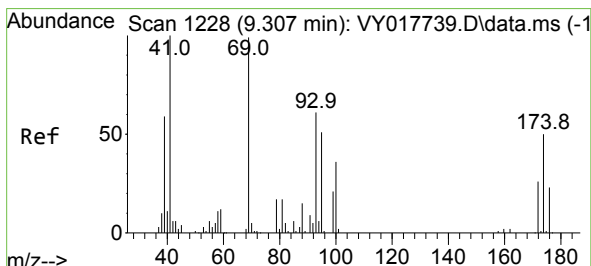
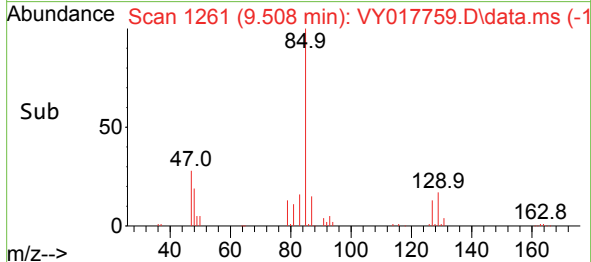
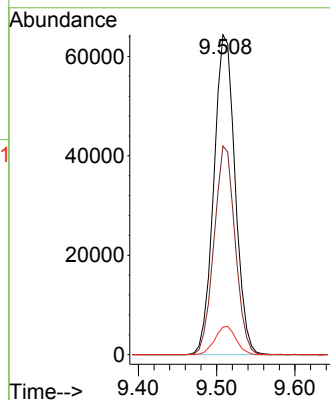
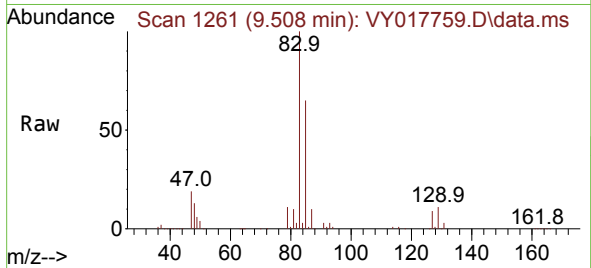




#47
Bromodichloromethane
Concen: 47.445 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

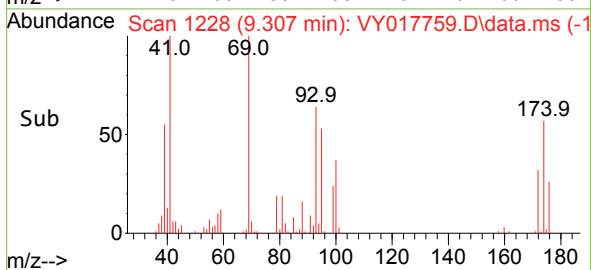
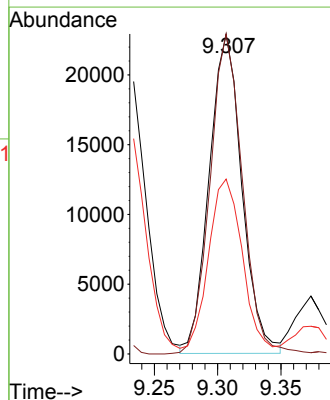
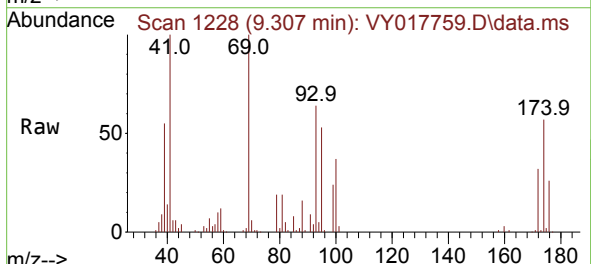
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

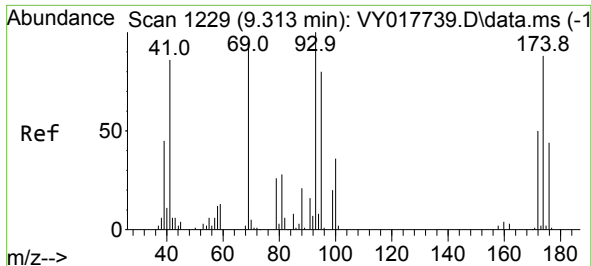
Tgt Ion: 83 Resp: 121254
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 44.362 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 41 Resp: 41120
Ion Ratio Lower Upper
41 100
69 99.7 84.1 126.1
39 54.0 43.6 65.4





#49

1,4-Dioxane

Concen: 985.986 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

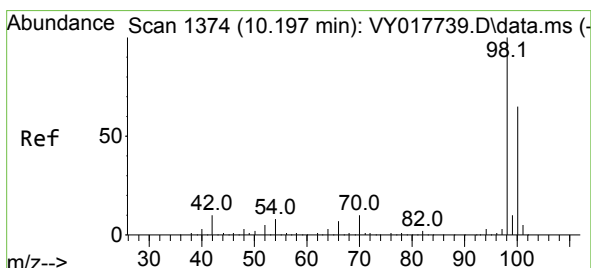
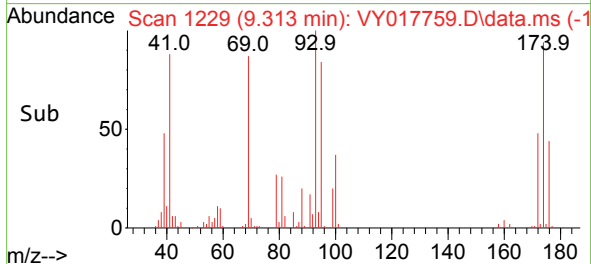
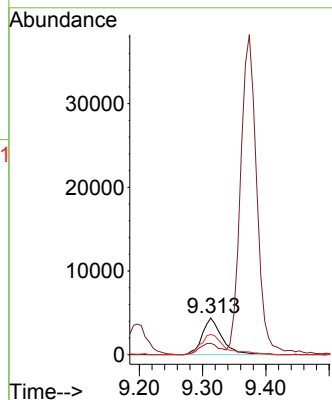
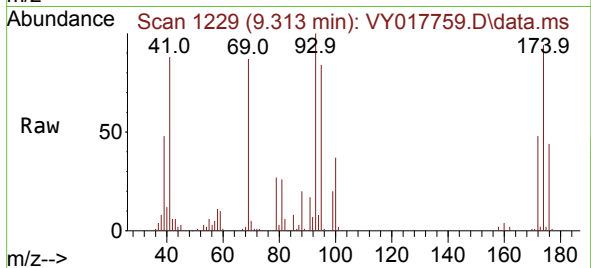
Tgt Ion: 88 Resp: 9589

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 66.0 49.3 73.9



#50

Toluene-d8

Concen: 55.465 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.000 min

Lab File: VY017759.D

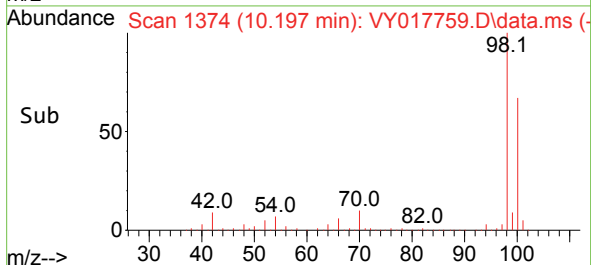
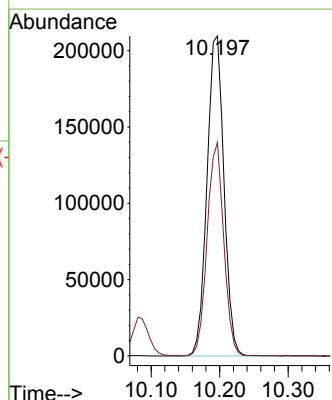
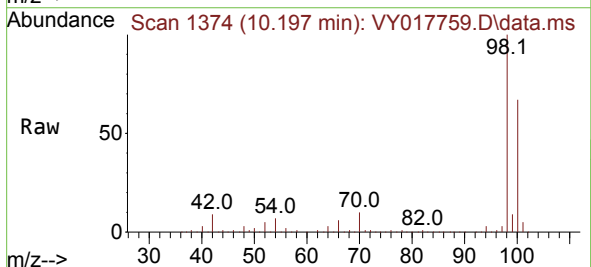
Acq: 26 Mar 2024 10:07

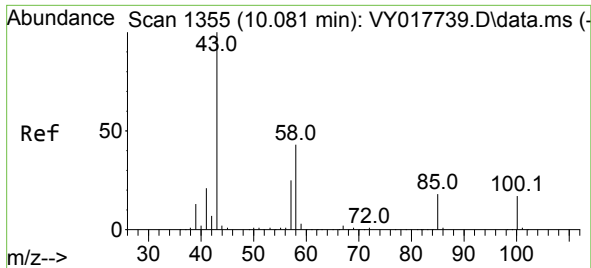
Tgt Ion: 98 Resp: 361354

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

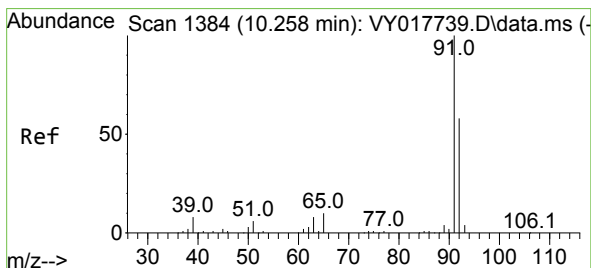
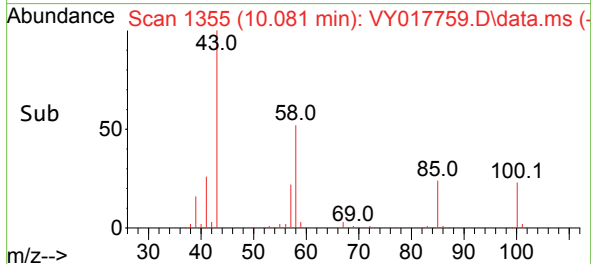
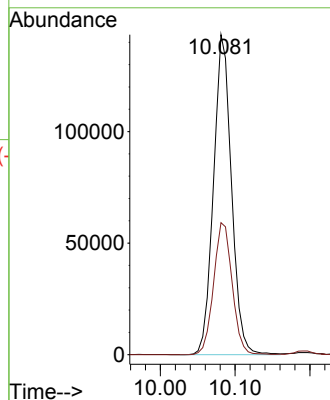
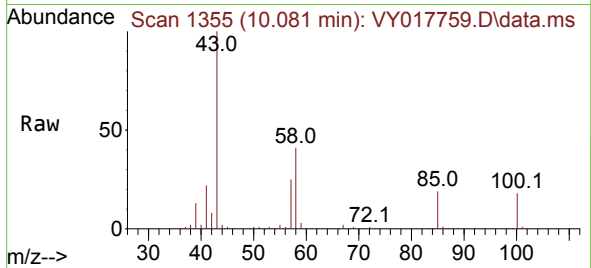




#51
4-Methyl-2-Pentanone
Concen: 224.128 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

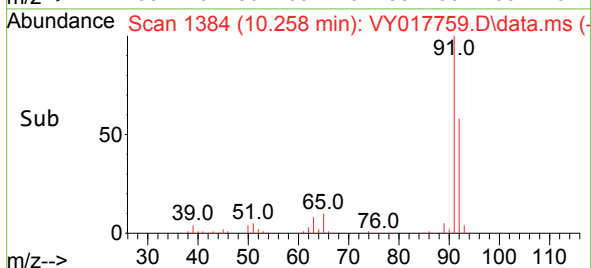
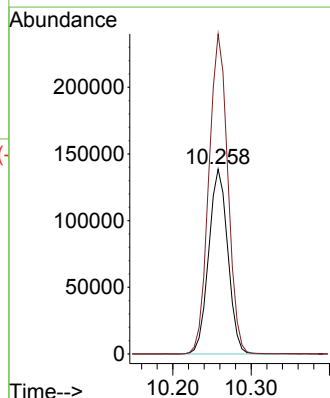
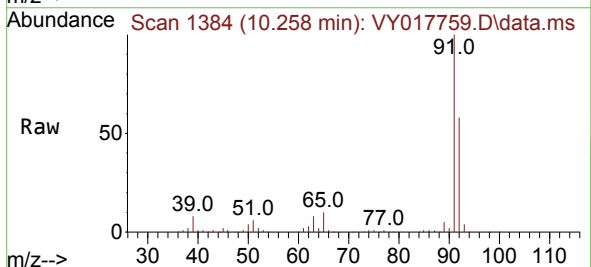
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

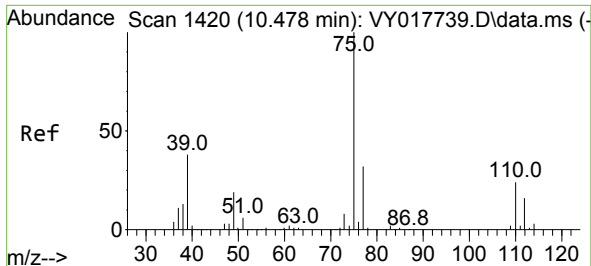
Tgt Ion: 43 Resp: 240174
Ion Ratio Lower Upper
43 100
58 42.7 35.7 53.5



#52
Toluene
Concen: 48.193 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 92 Resp: 234429
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

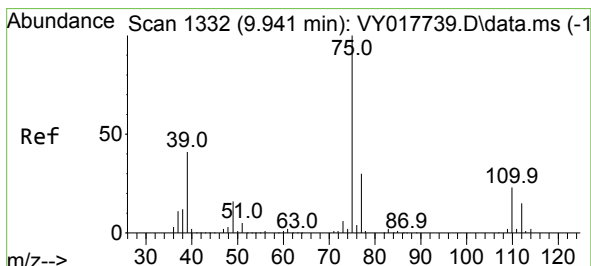
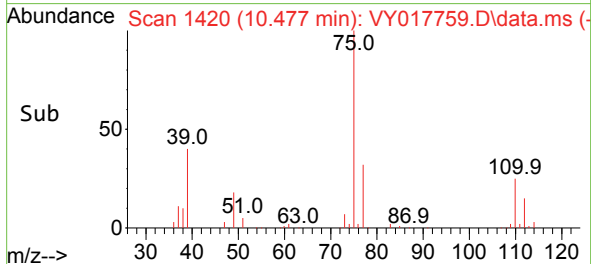
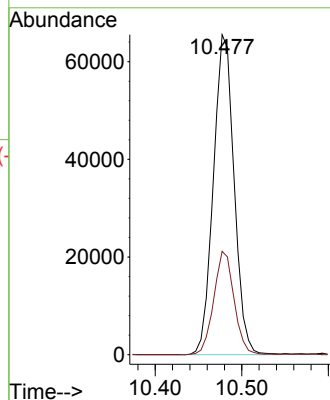
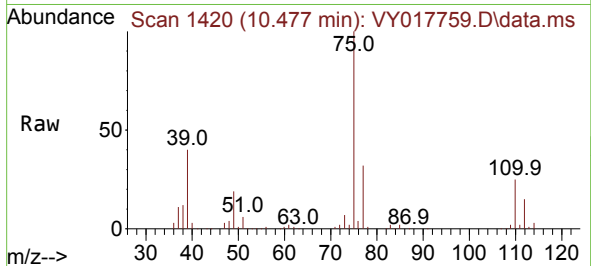




#53
t-1,3-Dichloropropene
Concen: 48.786 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

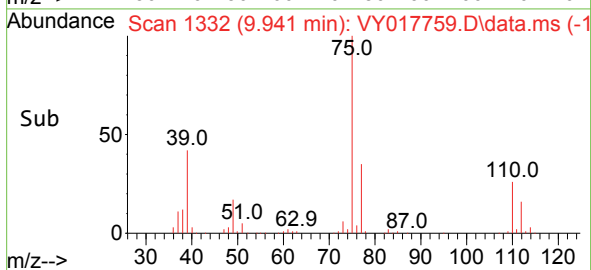
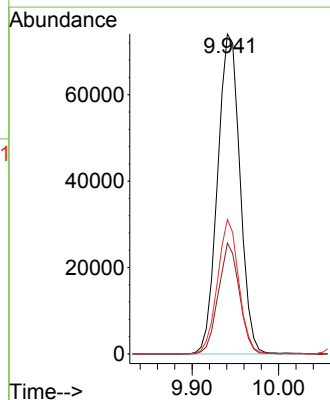
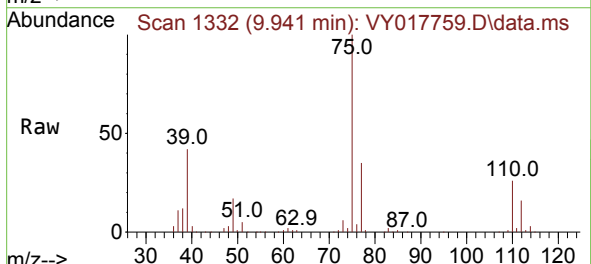
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

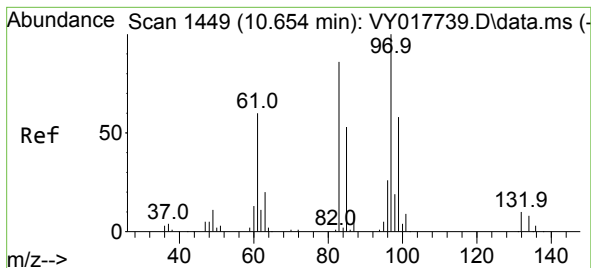
Tgt Ion: 75 Resp: 109041
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.730 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 75 Resp: 133050
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0
39 42.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 48.441 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 61937

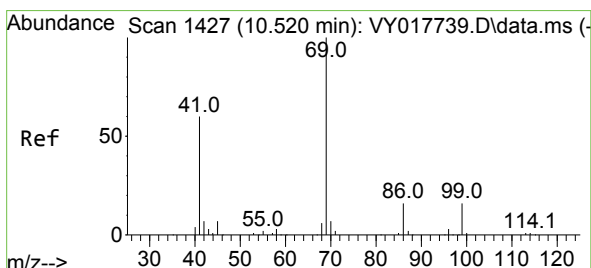
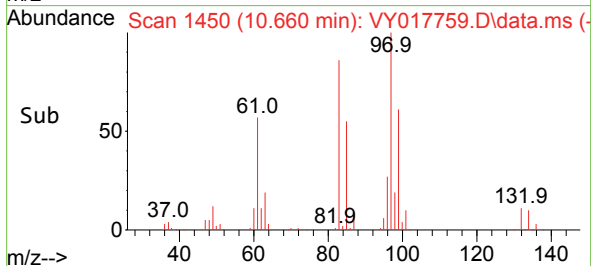
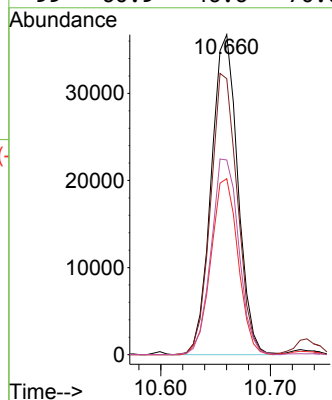
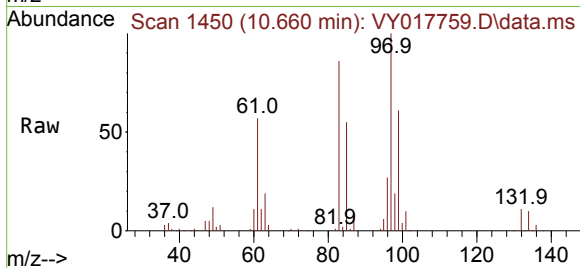
Ion Ratio Lower Upper

97 100

83 85.9 67.5 101.3

85 55.0 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 46.027 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

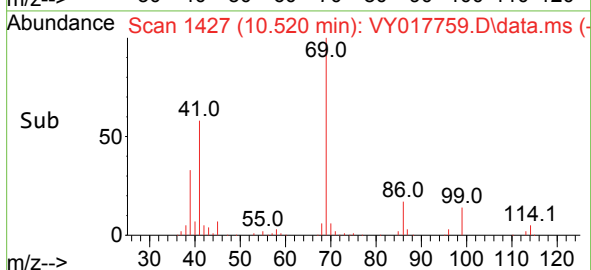
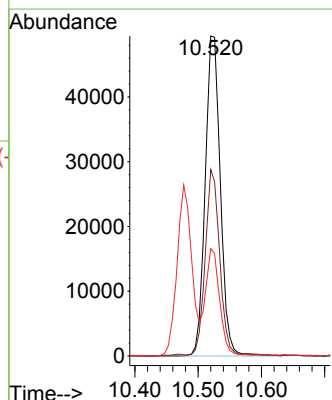
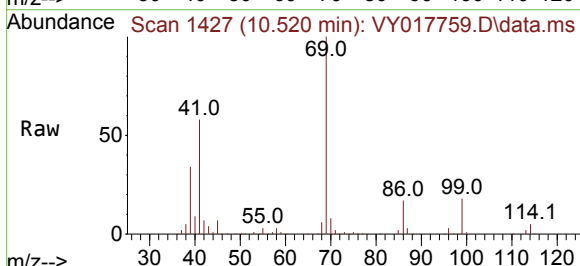
Tgt Ion: 69 Resp: 82555

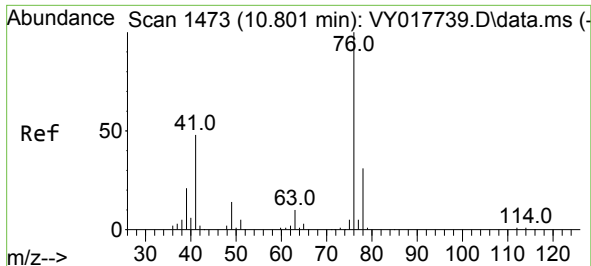
Ion Ratio Lower Upper

69 100

41 54.6 42.3 63.5

39 31.1 22.9 34.3





#57

1,3-Dichloropropane

Concen: 48.532 ug/l

RT: 10.806 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

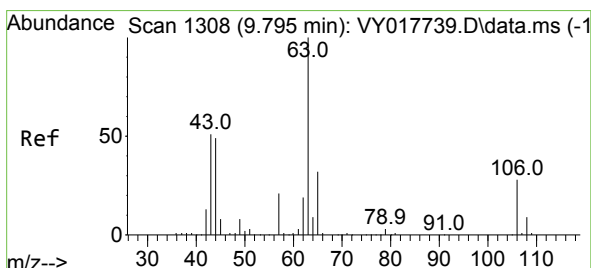
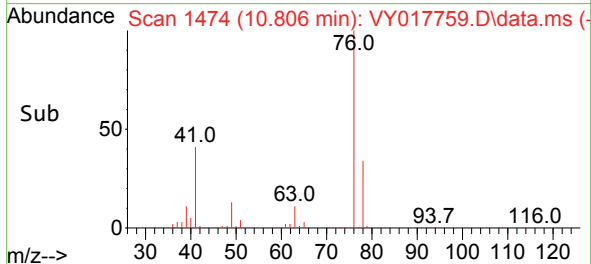
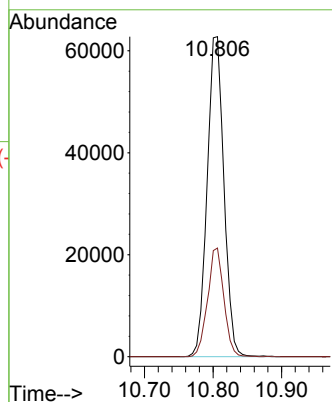
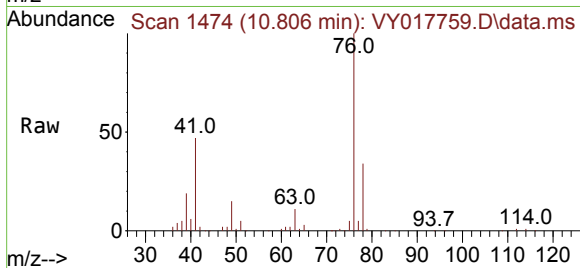
VSTDCCC050

Tgt Ion: 76 Resp: 106884

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 232.664 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. -0.001 min

Lab File: VY017759.D

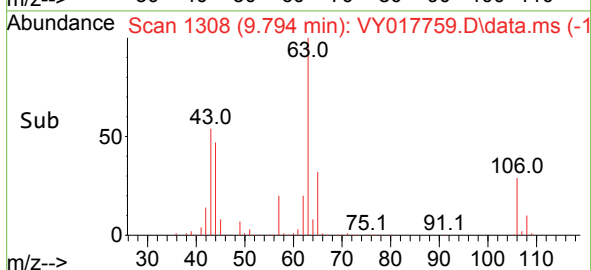
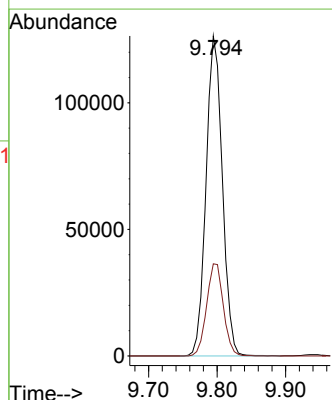
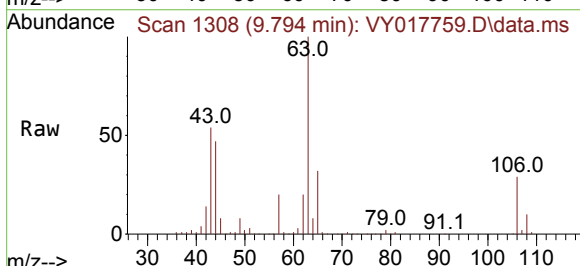
Acq: 26 Mar 2024 10:07

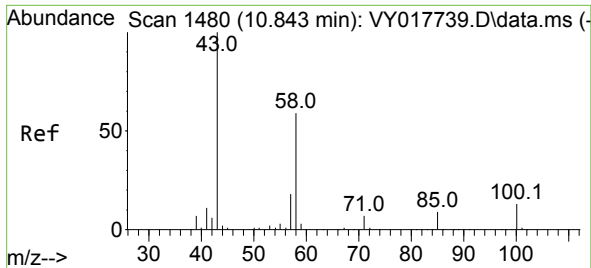
Tgt Ion: 63 Resp: 209422

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5

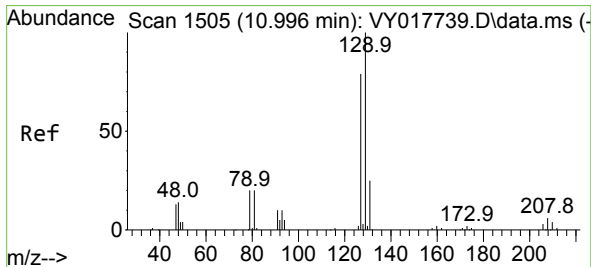
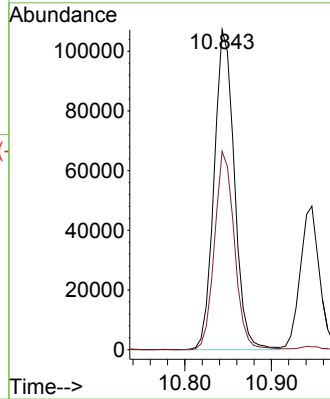
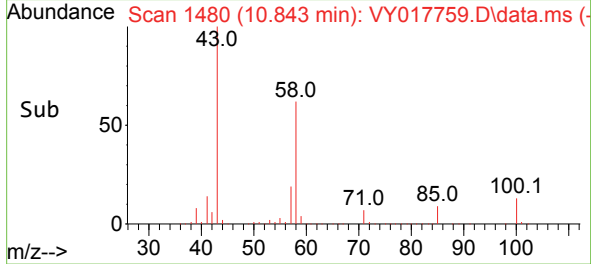
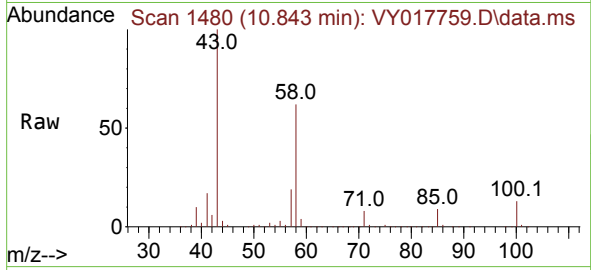




#59
2-Hexanone
Concen: 231.247 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

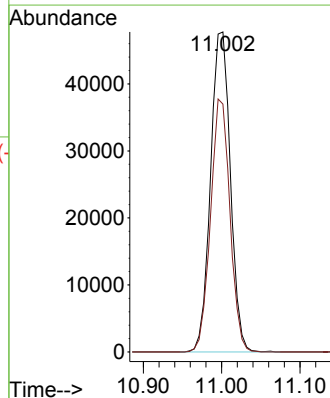
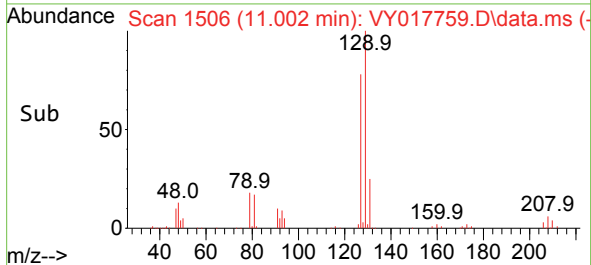
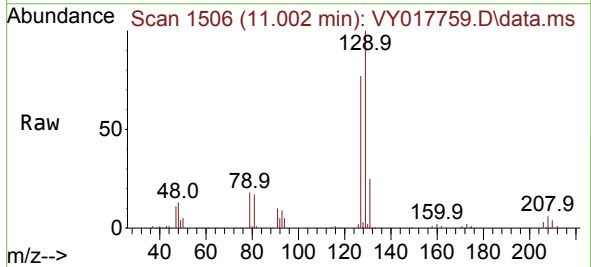
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

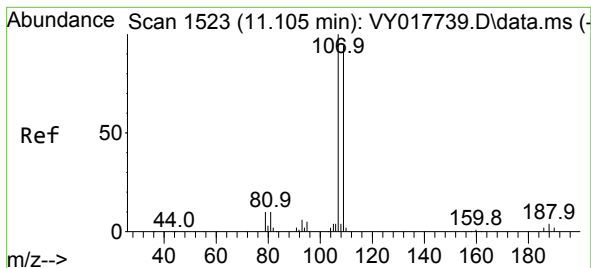
Tgt Ion: 43 Resp: 174217
Ion Ratio Lower Upper
43 100
58 60.9 31.4 94.0



#60
Dibromochloromethane
Concen: 48.995 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 129 Resp: 83793
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

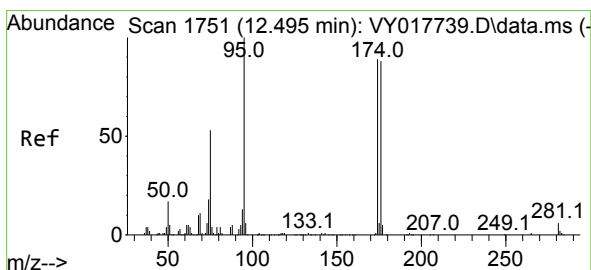
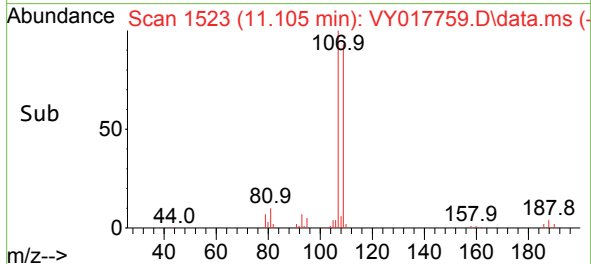
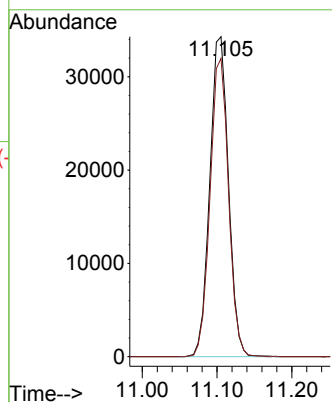
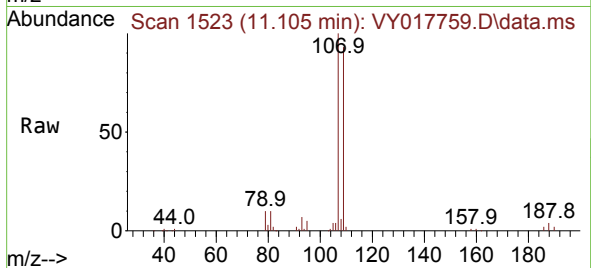




#61
1,2-Dibromoethane
Concen: 49.500 ug/l
RT: 11.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

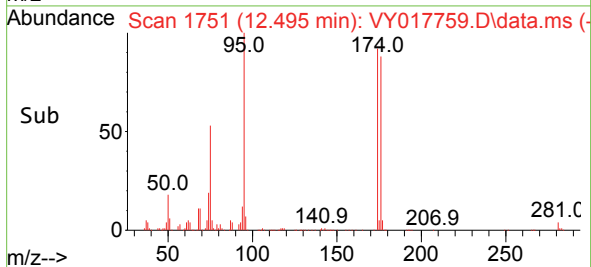
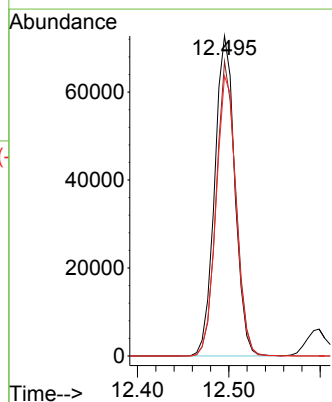
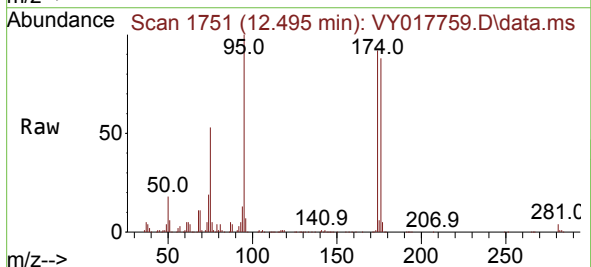
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

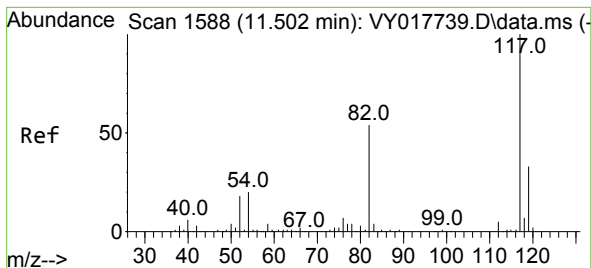
Tgt Ion:107 Resp: 59420
Ion Ratio Lower Upper
107 100
109 92.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.997 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 95 Resp: 111505
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.6
176 87.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

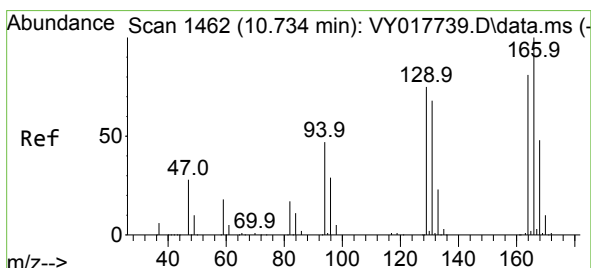
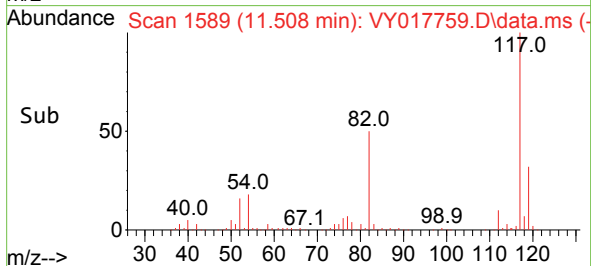
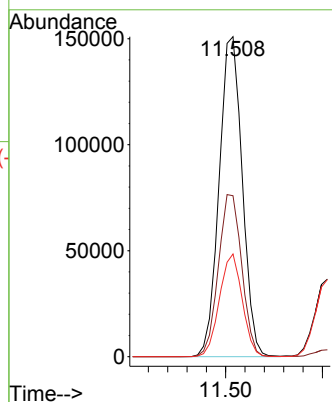
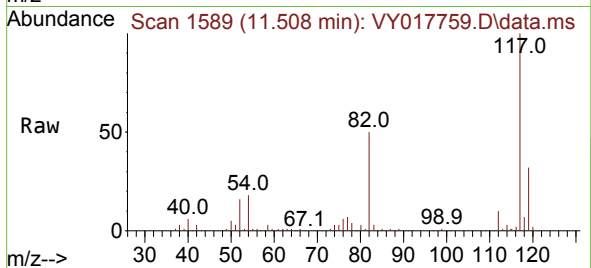
Tgt Ion:117 Resp: 250358

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 47.613 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Tgt Ion:164 Resp: 110238

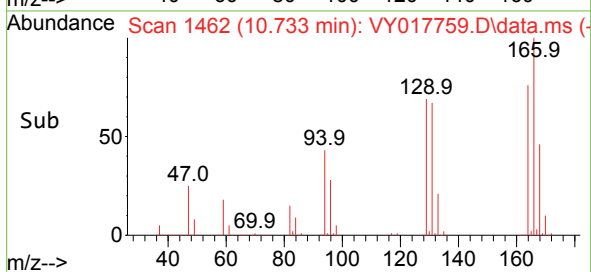
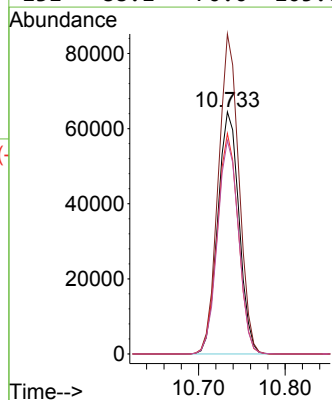
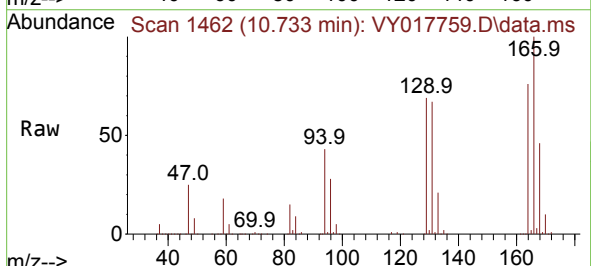
Ion Ratio Lower Upper

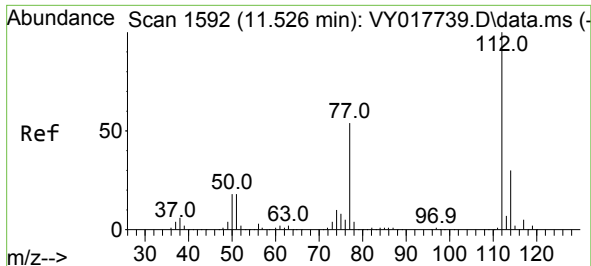
164 100

166 132.2 102.6 154.0

129 91.1 72.0 108.0

131 88.1 70.0 105.0

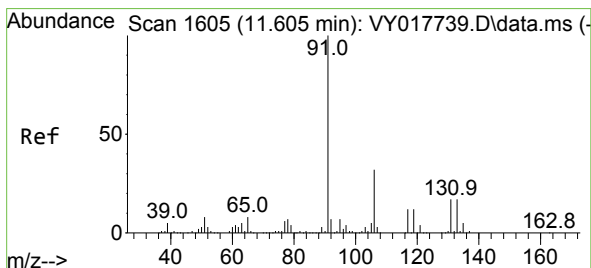
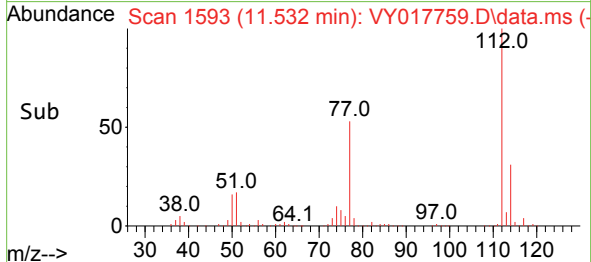
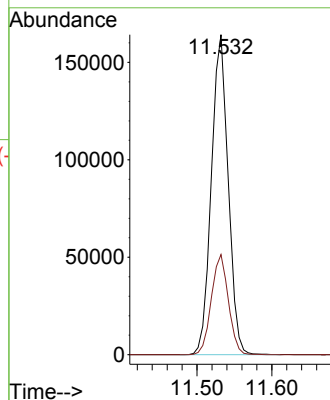
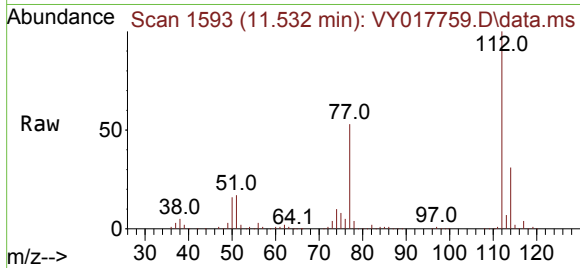




#65
Chlorobenzene
Concen: 47.606 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

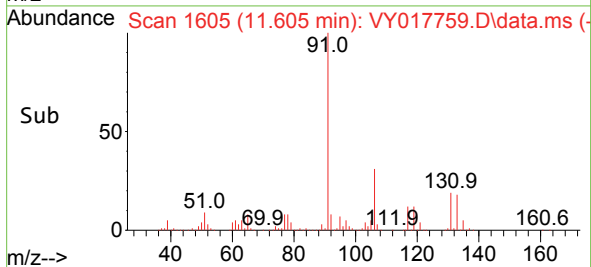
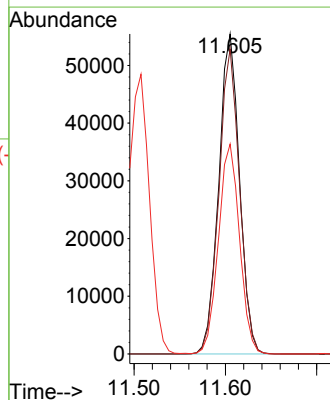
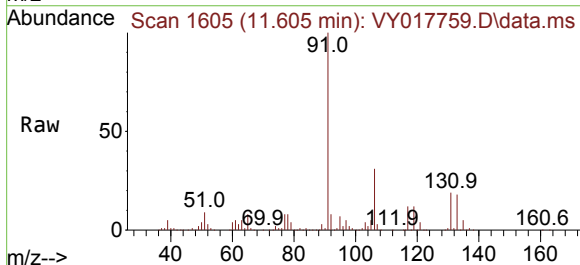
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

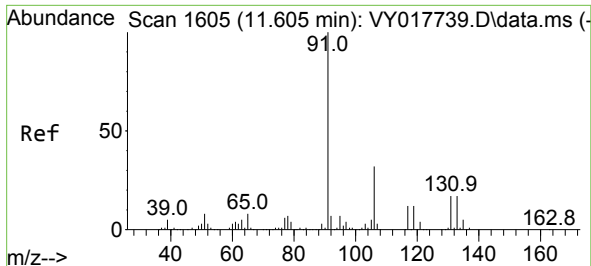
Tgt Ion:112 Resp: 256560
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.650 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:131 Resp: 87555
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 66.8 34.1 102.2

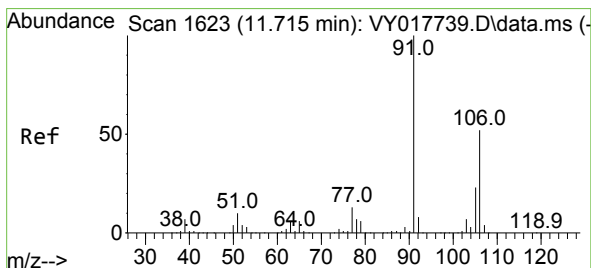
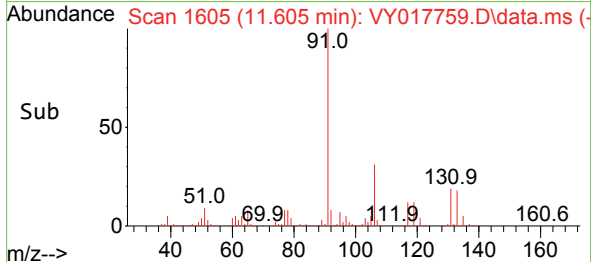
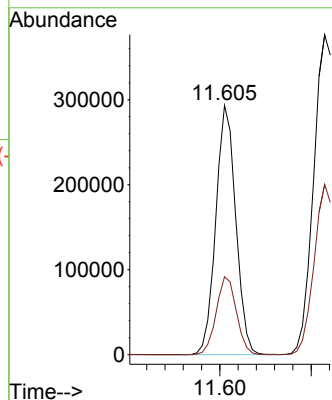
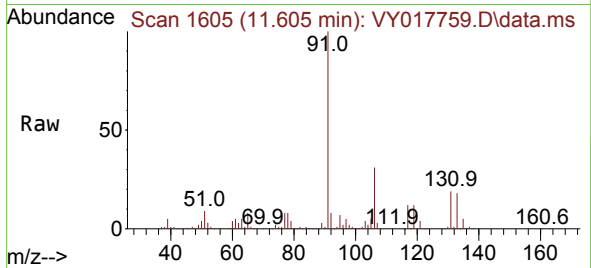




#67
Ethyl Benzene
Concen: 48.080 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

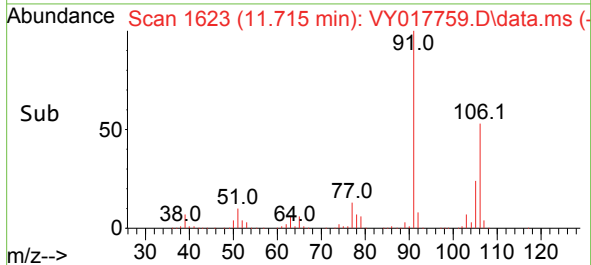
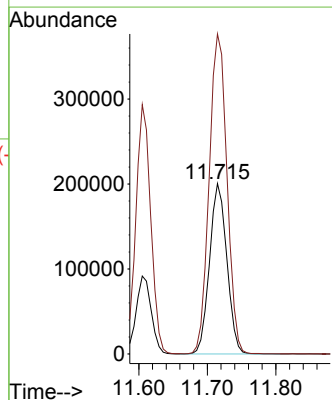
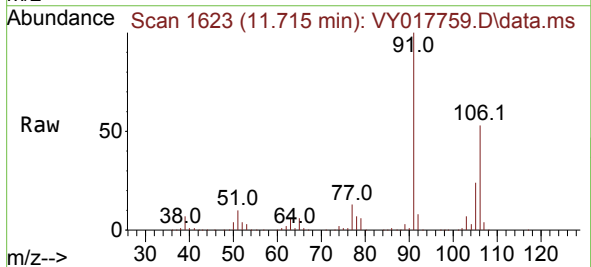
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

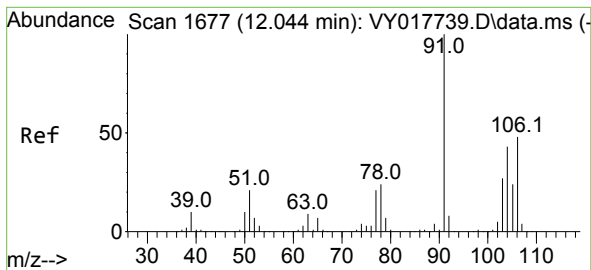
Tgt Ion: 91 Resp: 445010
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 98.071 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 106 Resp: 352122
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

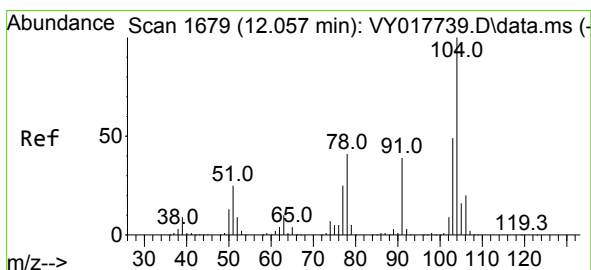
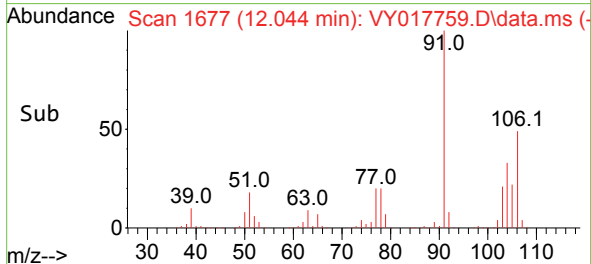
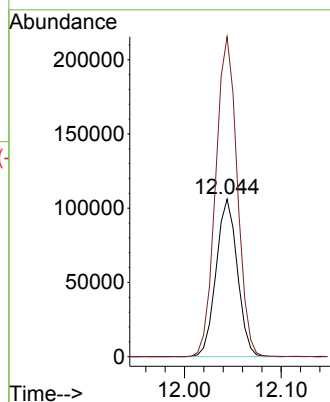
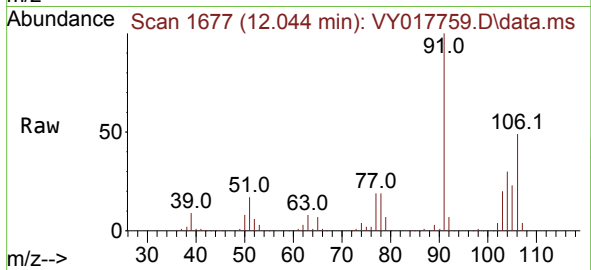




#69
o-Xylene
Concen: 49.419 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

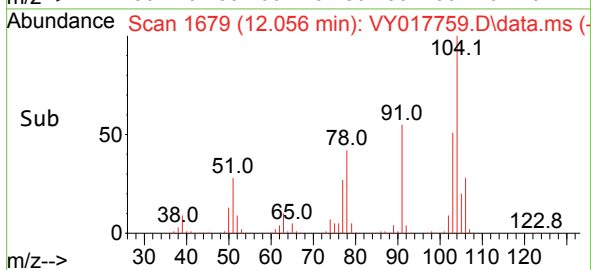
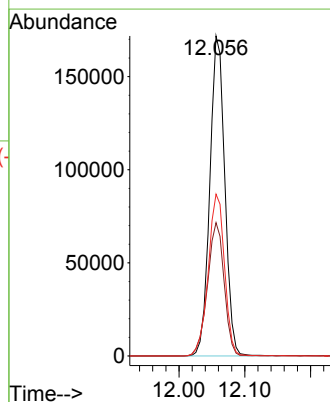
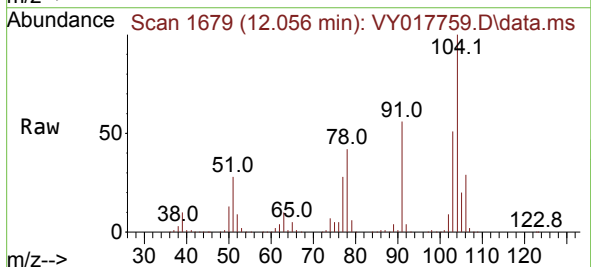
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

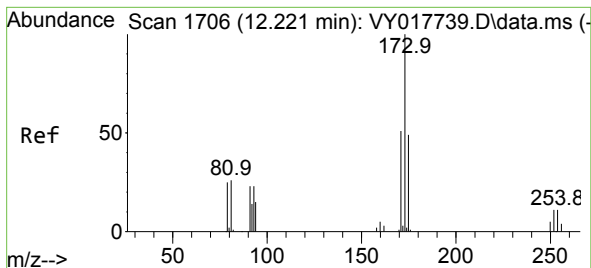
Tgt Ion:106 Resp: 161998
Ion Ratio Lower Upper
106 100
91 206.1 103.6 310.8



#70
Styrene
Concen: 49.992 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:104 Resp: 272745
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 50.758 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

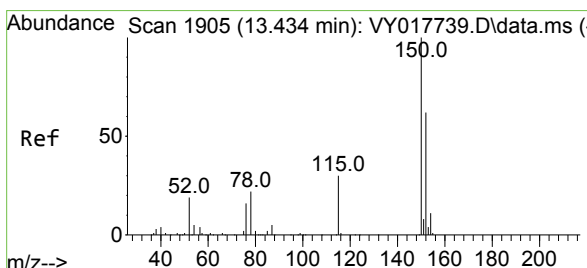
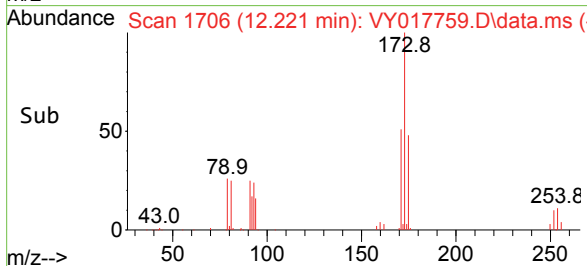
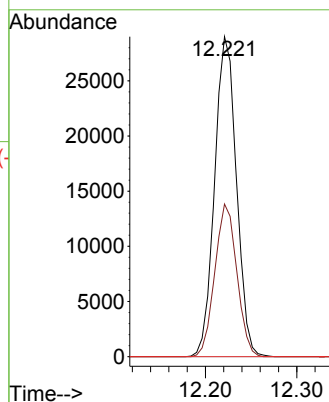
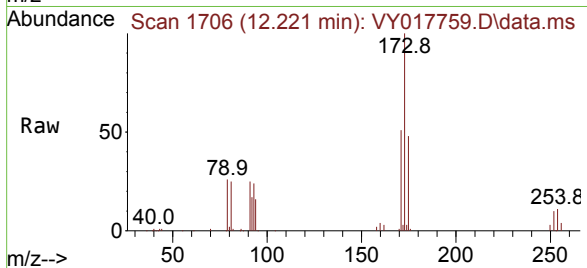
Tgt Ion:173 Resp: 48109

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

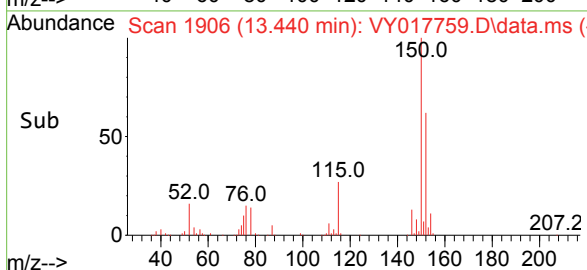
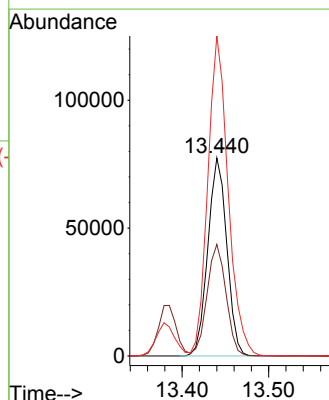
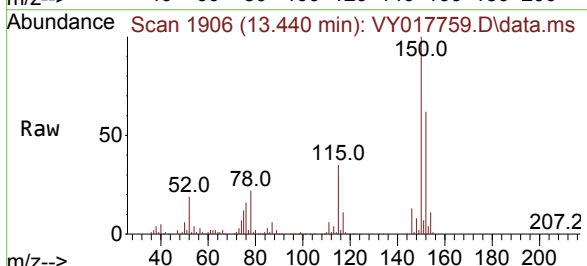
Tgt Ion:152 Resp: 117939

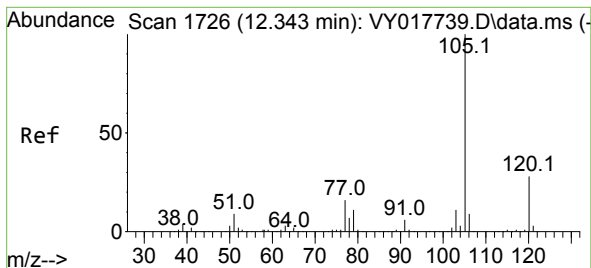
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 173.1 0.0 345.6





#73

Isopropylbenzene

Concen: 47.234 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

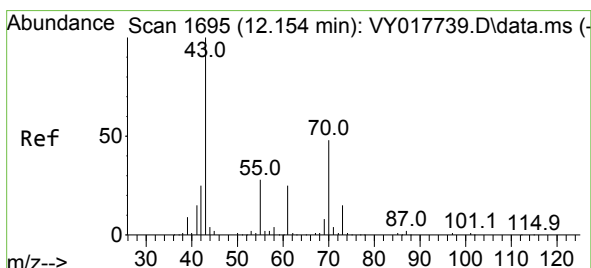
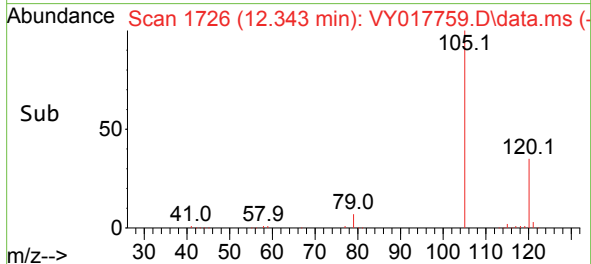
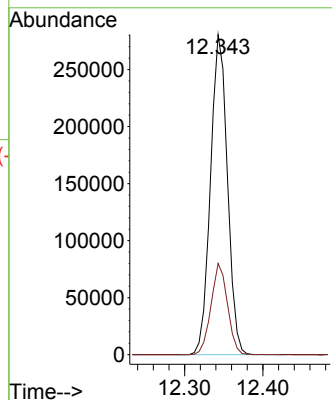
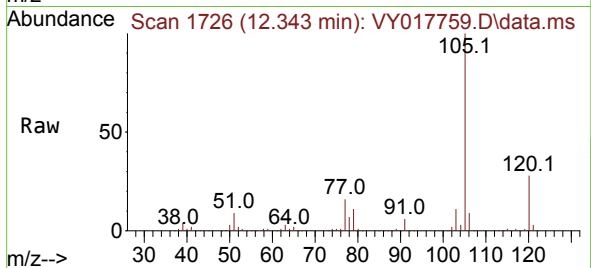
VSTDCCC050

Tgt Ion:105 Resp: 420648

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 43.976 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Tgt Ion: 43 Resp: 79966

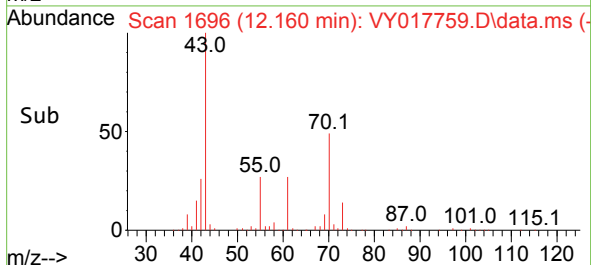
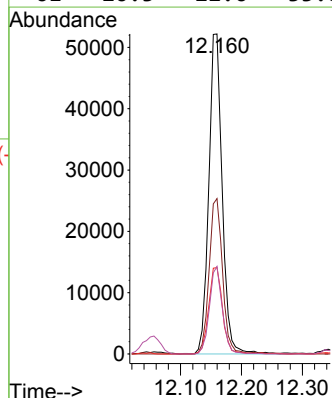
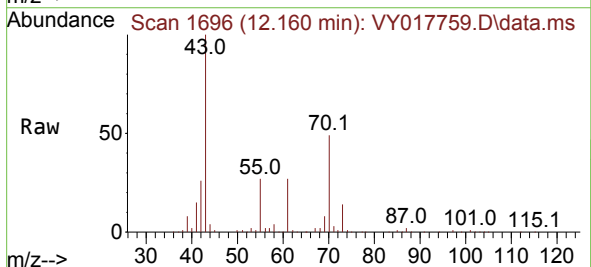
Ion Ratio Lower Upper

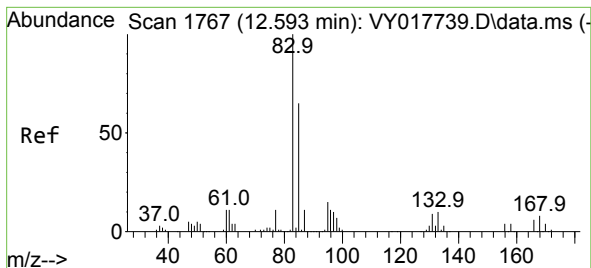
43 100

70 48.4 41.4 62.2

55 27.8 23.3 34.9

61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.709 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

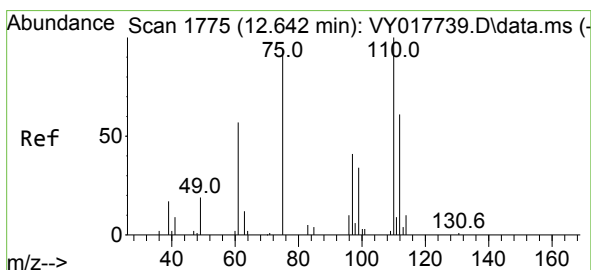
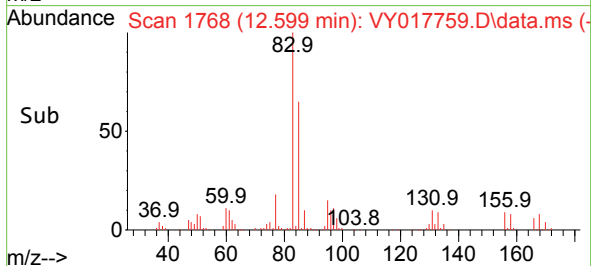
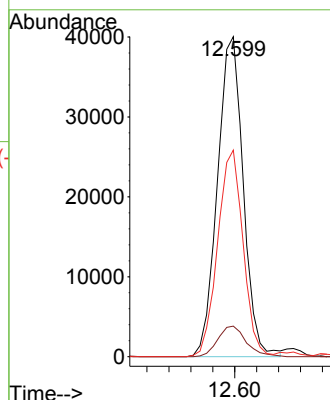
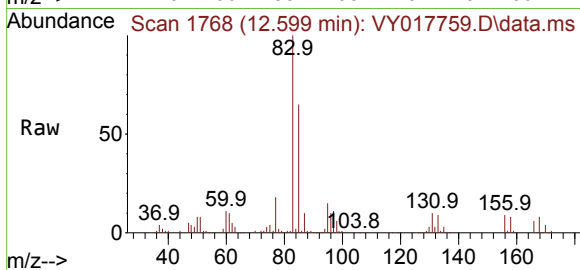
Tgt Ion: 83 Resp: 65419

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 79.893 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017759.D

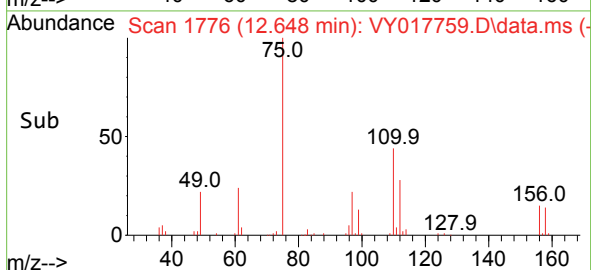
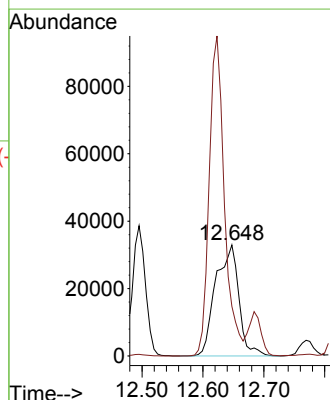
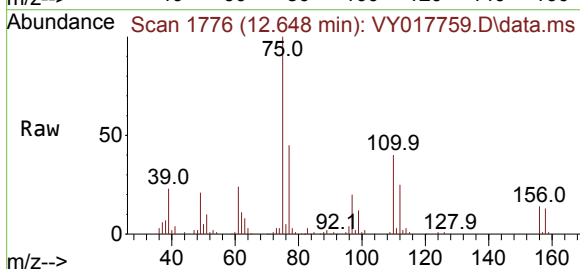
Acq: 26 Mar 2024 10:07

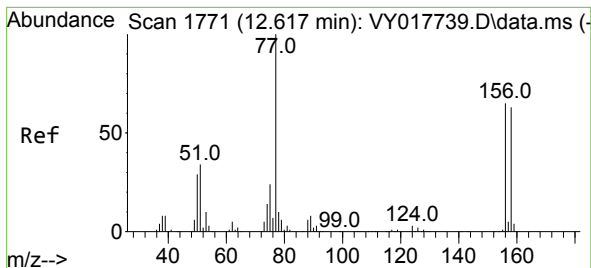
Tgt Ion: 75 Resp: 87011

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.284 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

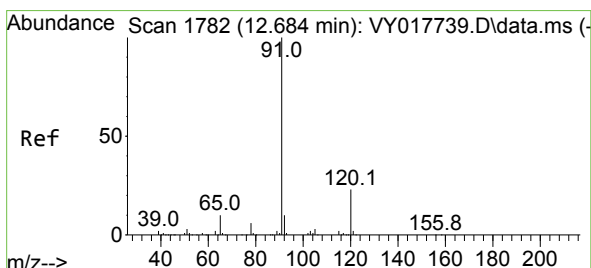
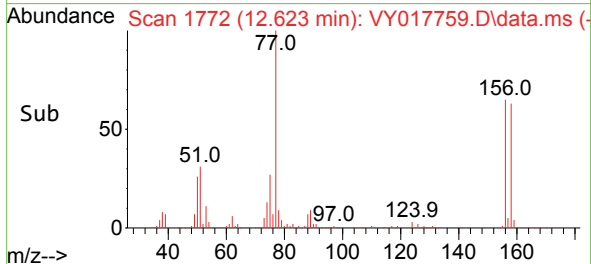
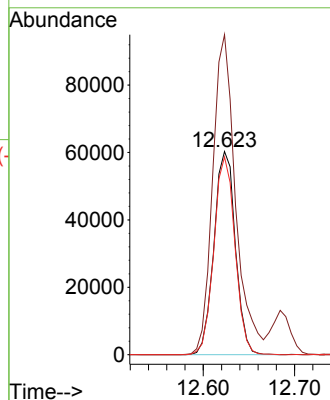
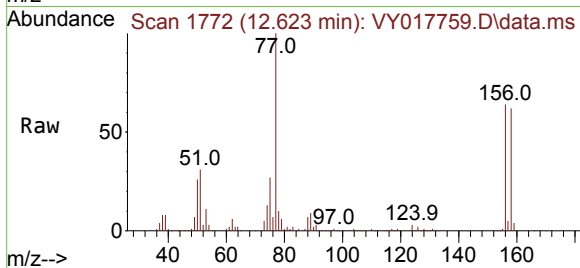
Tgt Ion:156 Resp: 97899

Ion Ratio Lower Upper

156 100

77 168.9 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 47.482 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY017759.D

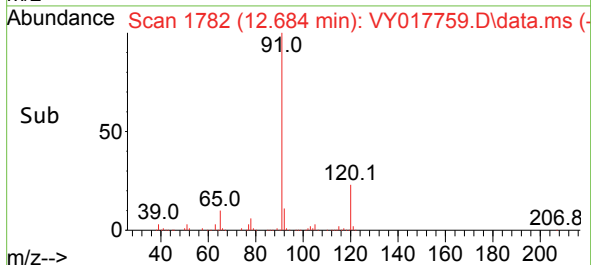
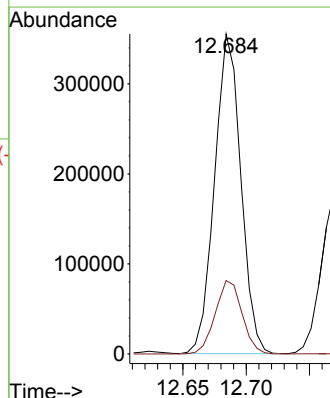
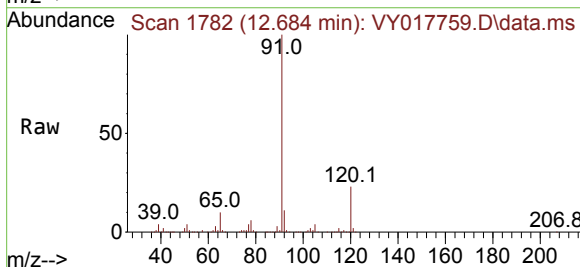
Acq: 26 Mar 2024 10:07

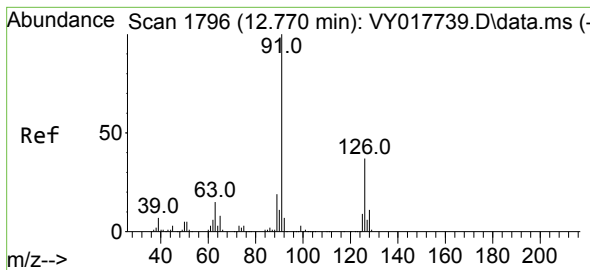
Tgt Ion: 91 Resp: 511873

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

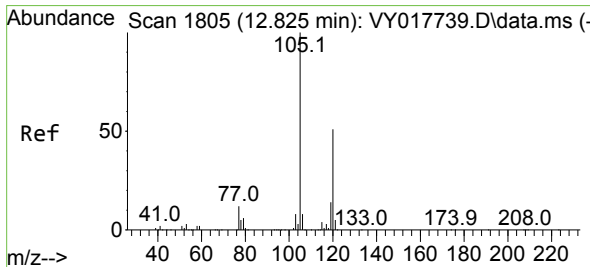
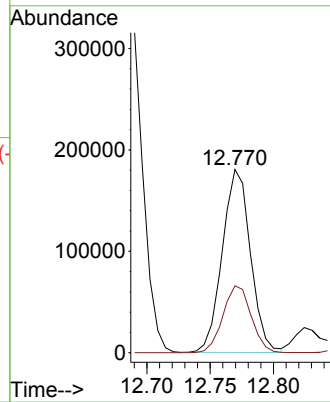
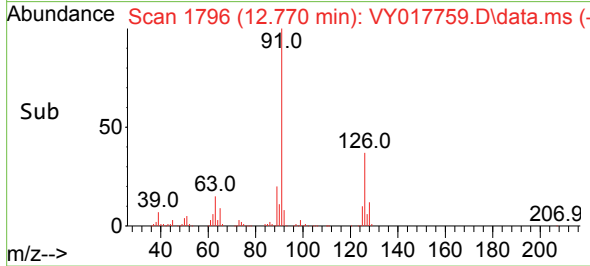
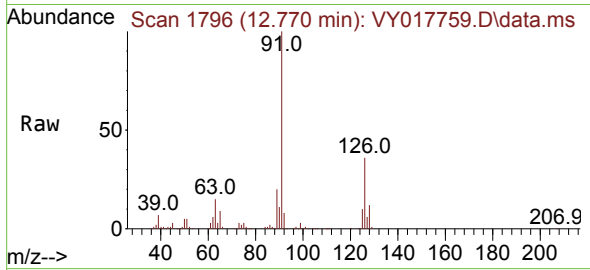




#79
2-Chlorotoluene
Concen: 47.325 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

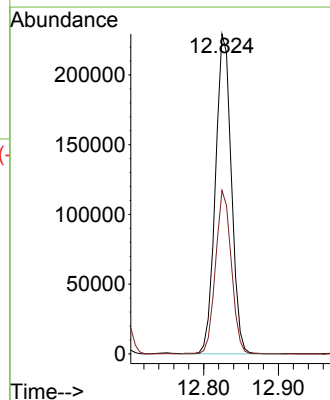
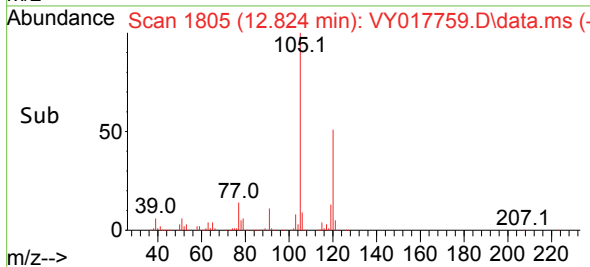
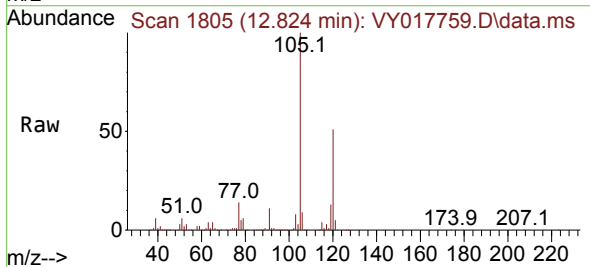
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

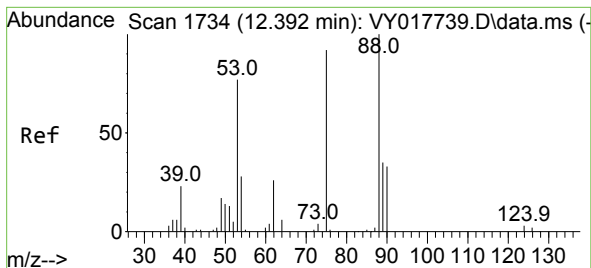
Tgt Ion: 91 Resp: 279777
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.496 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion: 105 Resp: 338090
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

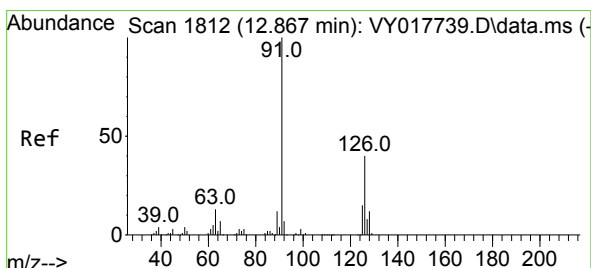
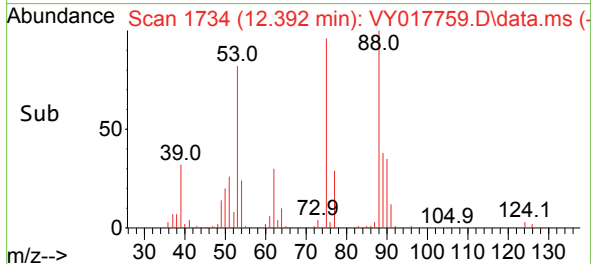
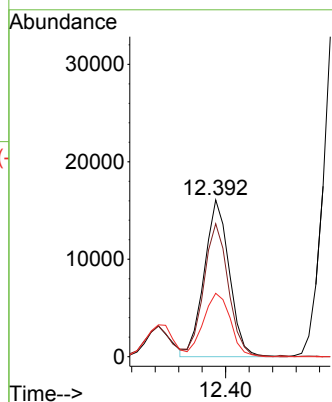
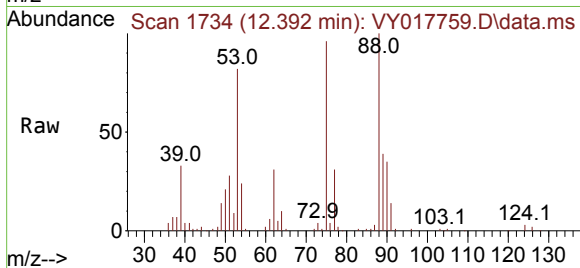




#81
trans-1,4-Dichloro-2-butene
Concen: 50.604 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

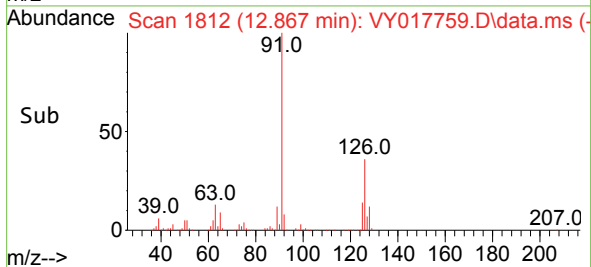
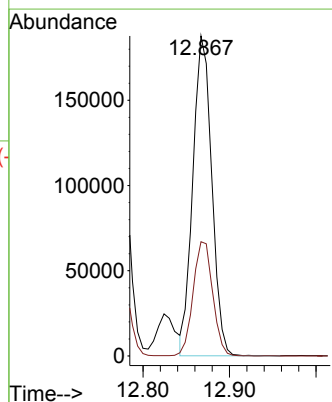
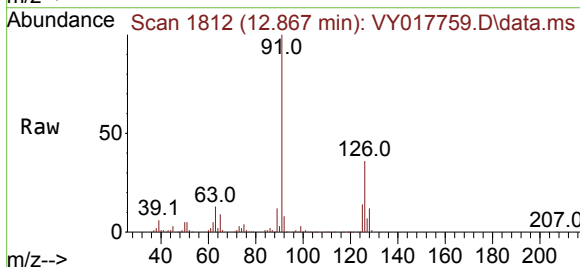
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

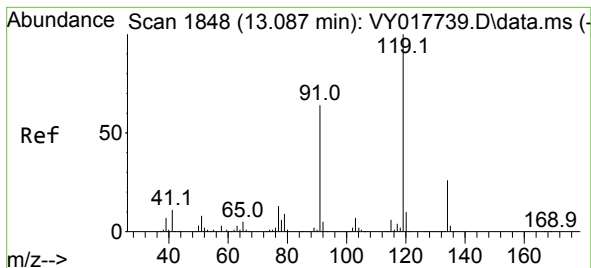
Tgt Ion:	75	Resp:	23851
Ion	Ratio	Lower	Upper
75	100		
53	82.7	66.8	100.2
89	43.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 46.880 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017759.D
Acq: 26 Mar 2024 10:07

Tgt Ion:	91	Resp:	284361
Ion	Ratio	Lower	Upper
91	100		
126	37.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 49.485 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

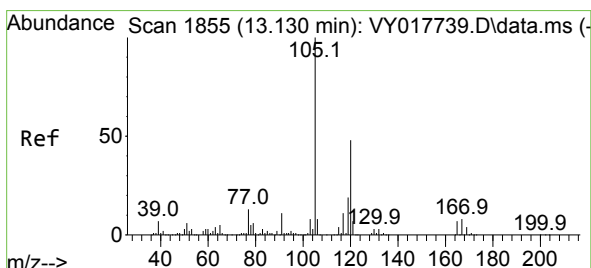
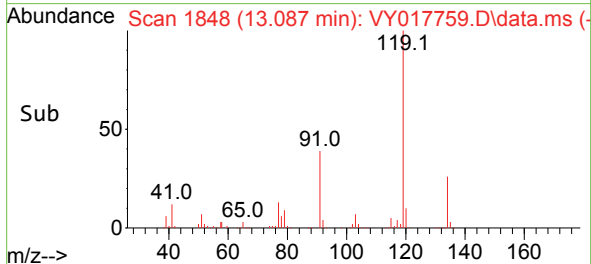
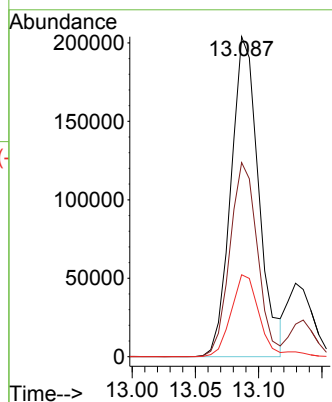
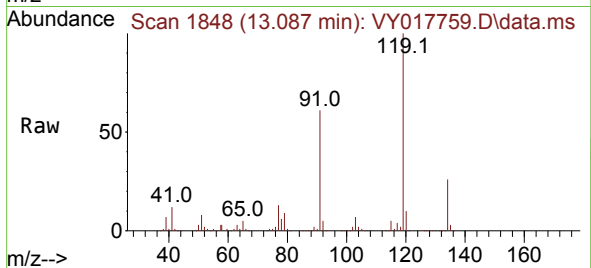
Tgt Ion:119 Resp: 312191

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.825 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017759.D

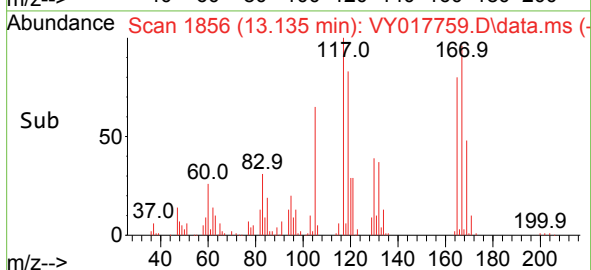
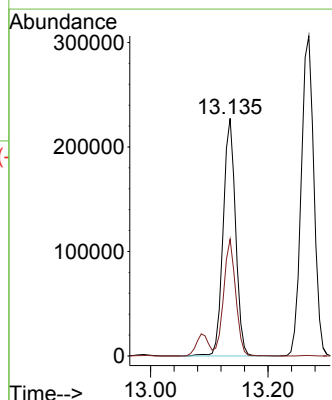
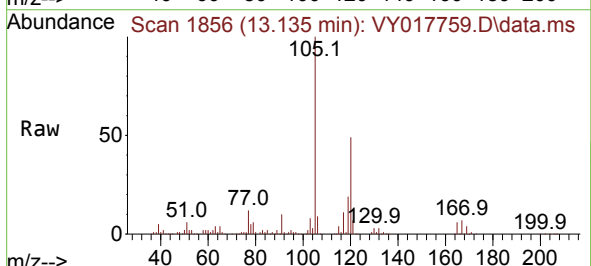
Acq: 26 Mar 2024 10:07

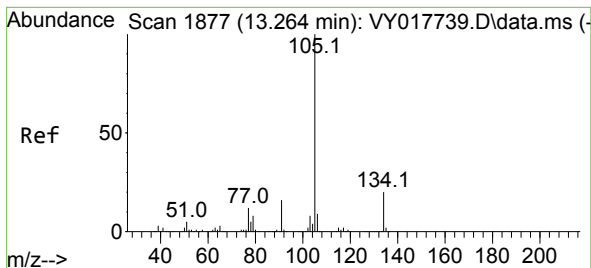
Tgt Ion:105 Resp: 333693

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.381 ug/l

RT: 13.269 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

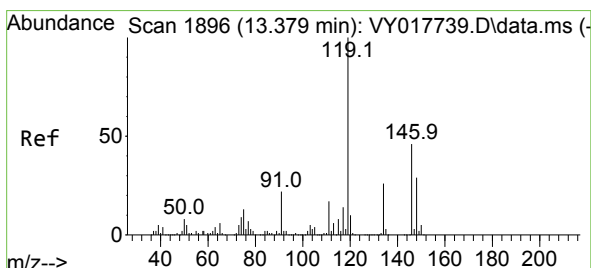
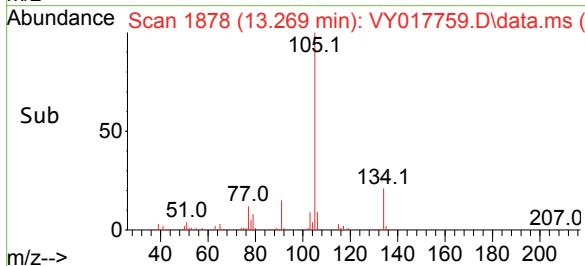
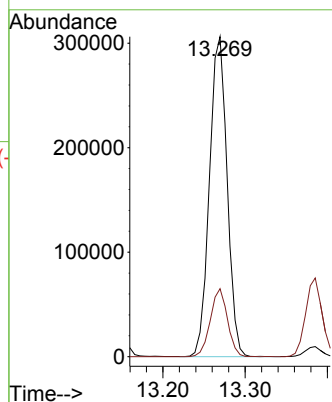
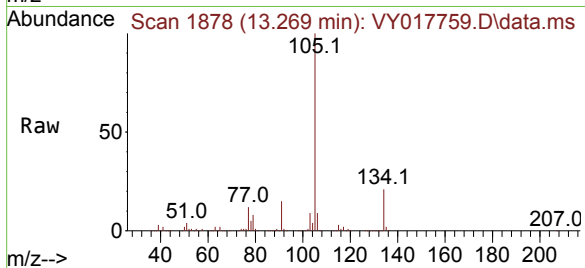
VSTDCCC050

Tgt Ion:105 Resp: 457460

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.436 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

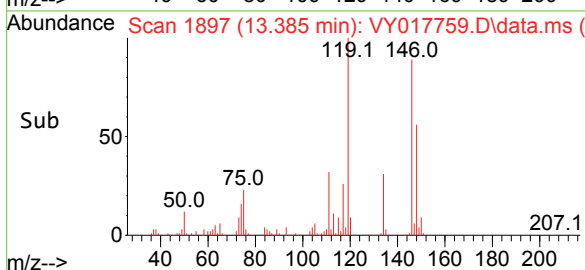
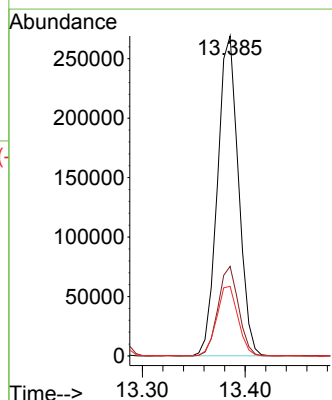
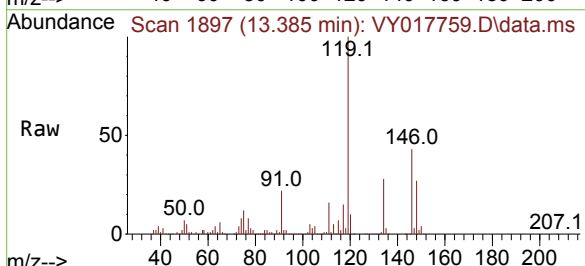
Tgt Ion:119 Resp: 380267

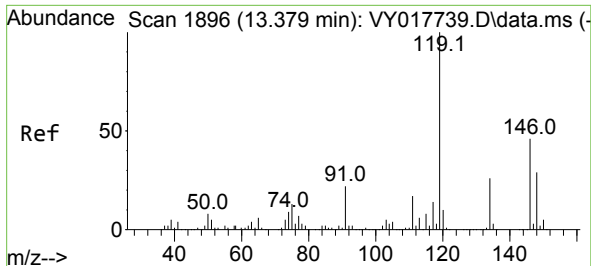
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.367 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

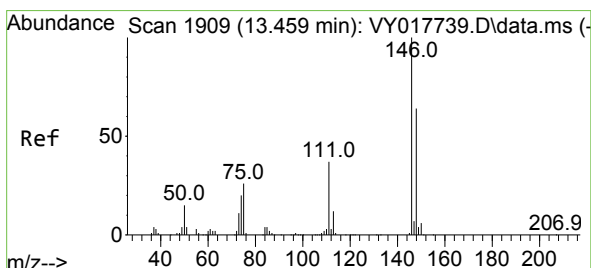
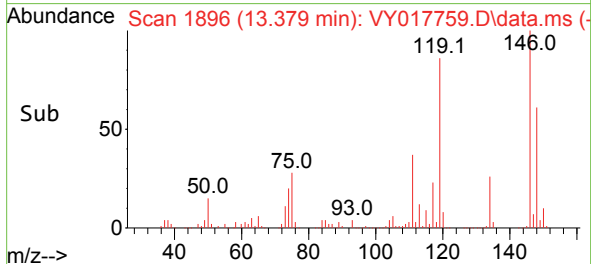
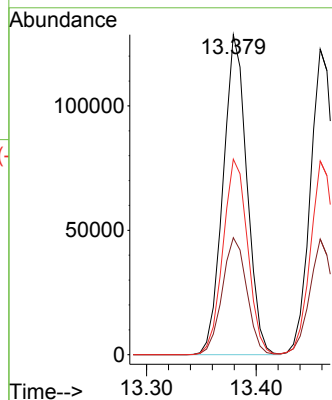
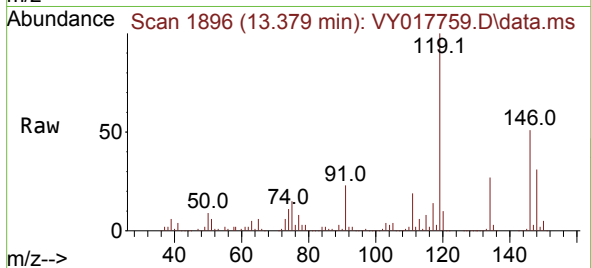
Tgt Ion:146 Resp: 194618

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.624 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

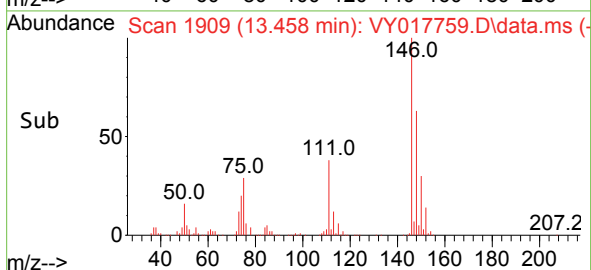
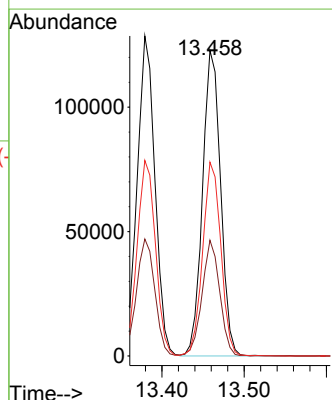
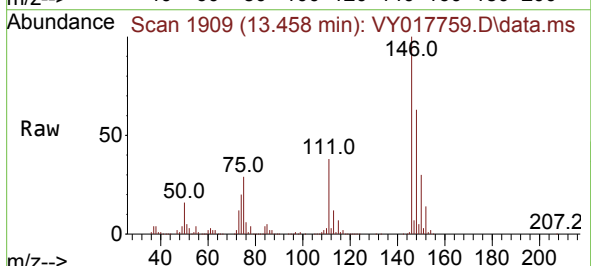
Tgt Ion:146 Resp: 187842

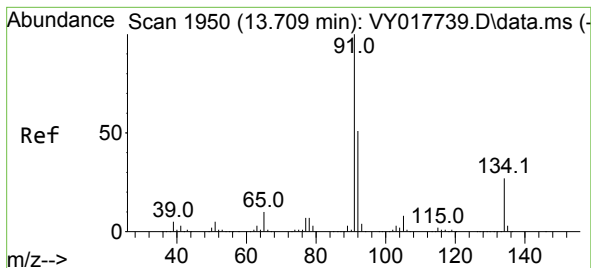
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 48.498 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

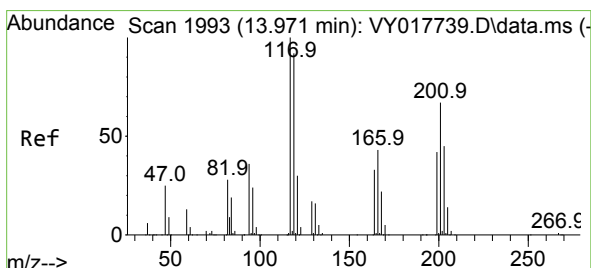
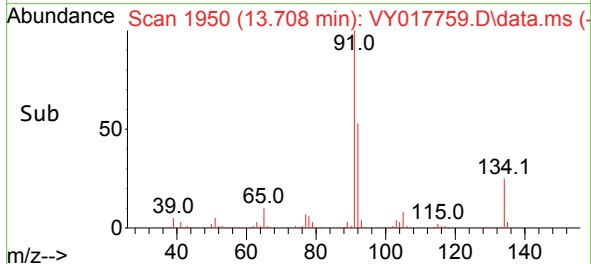
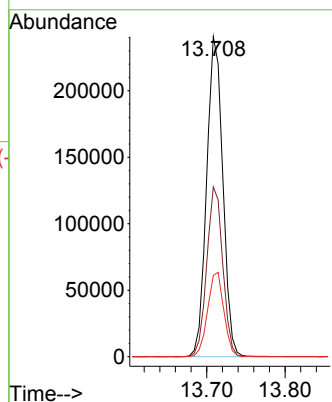
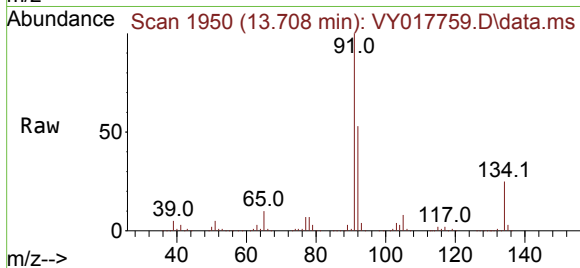
Tgt Ion: 91 Resp: 344466

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 46.055 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017759.D

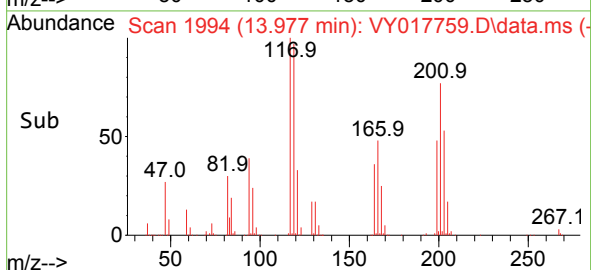
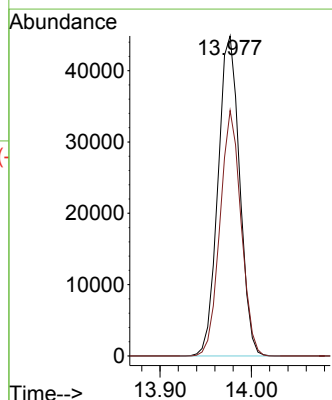
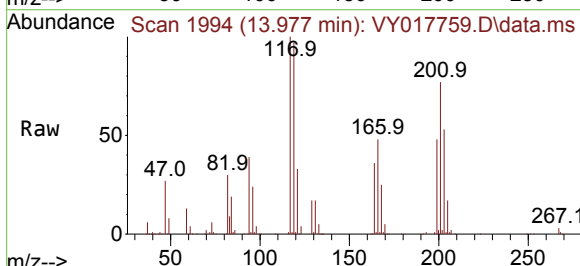
Acq: 26 Mar 2024 10:07

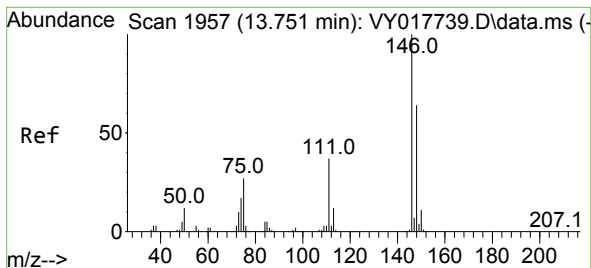
Tgt Ion: 117 Resp: 73733

Ion Ratio Lower Upper

117 100

201 74.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.799 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

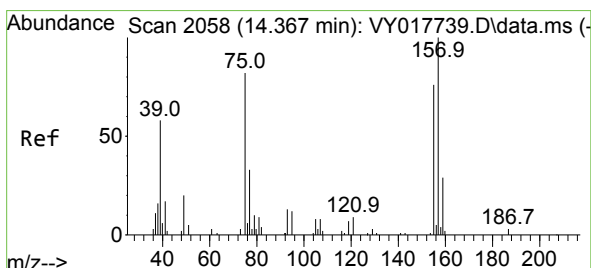
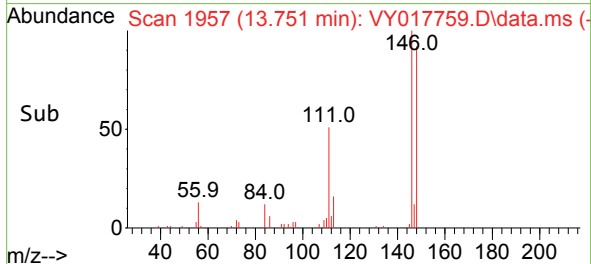
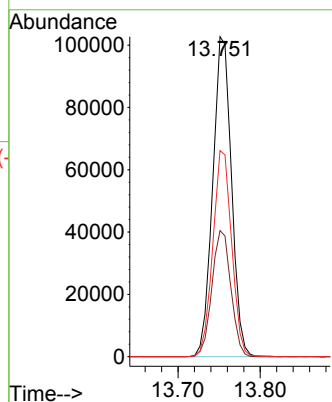
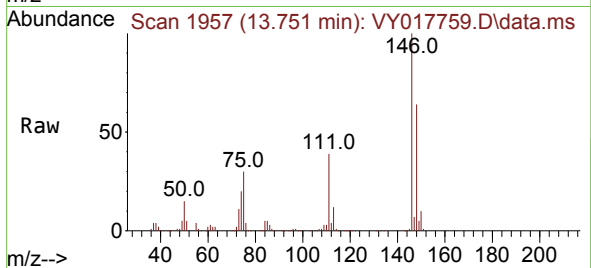
Tgt Ion:146 Resp: 162685

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.760 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

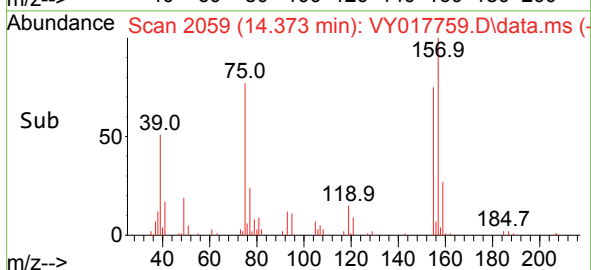
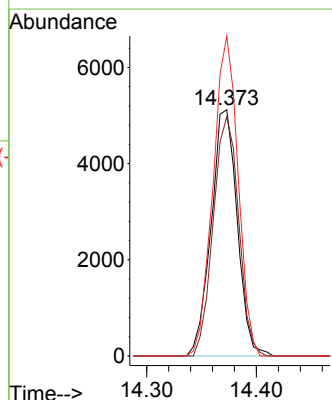
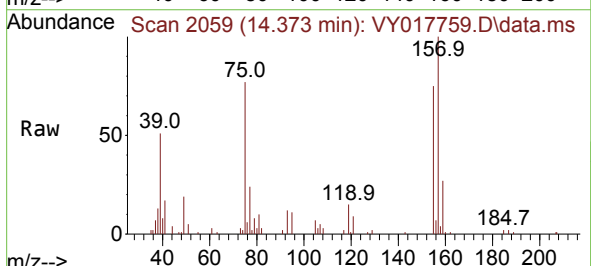
Tgt Ion: 75 Resp: 8464

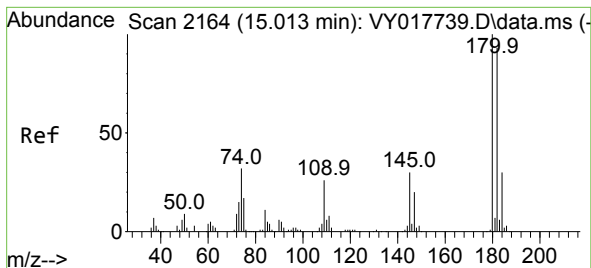
Ion Ratio Lower Upper

75 100

155 94.6 48.6 145.8

157 124.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.218 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

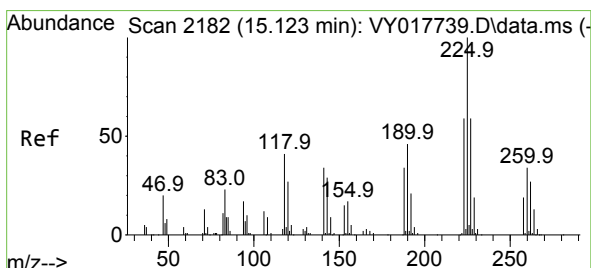
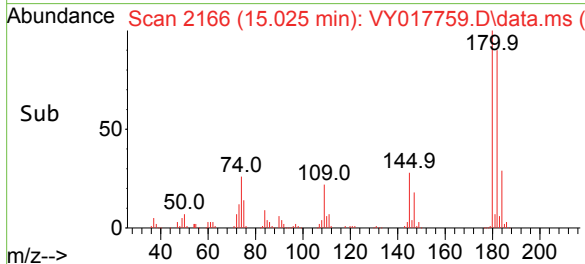
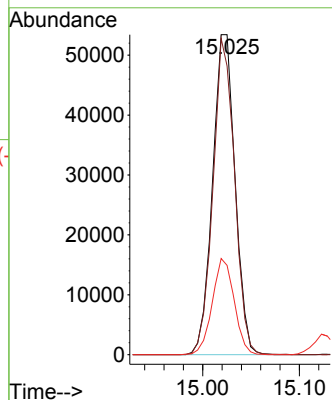
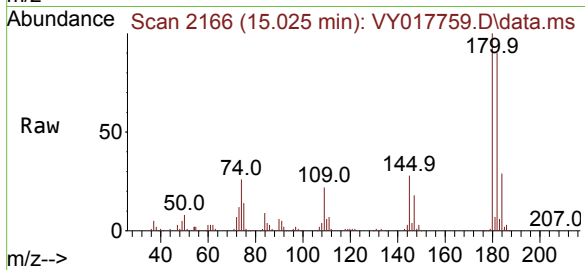
Tgt Ion:180 Resp: 86095

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.936 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

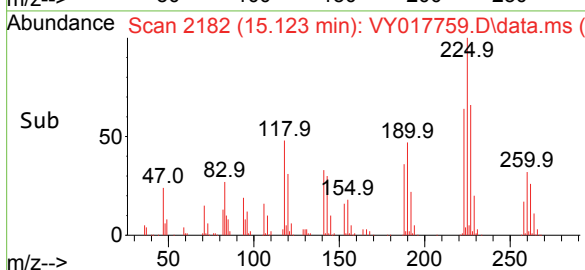
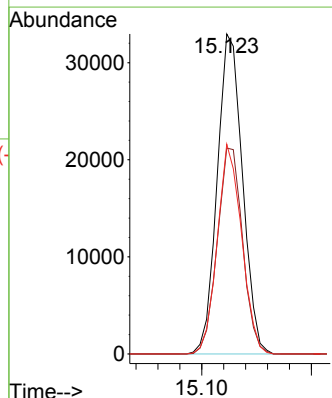
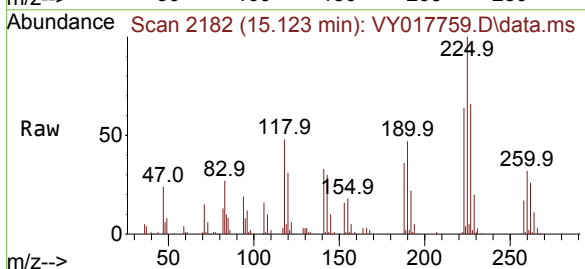
Tgt Ion:225 Resp: 52850

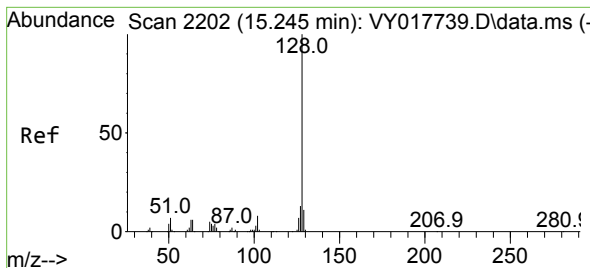
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 45.255 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

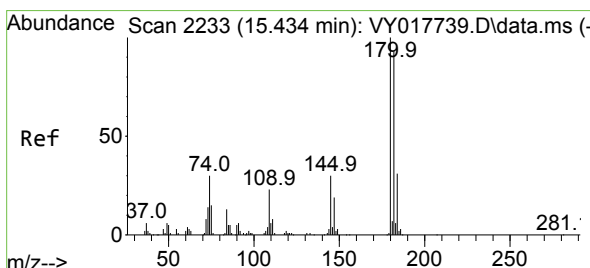
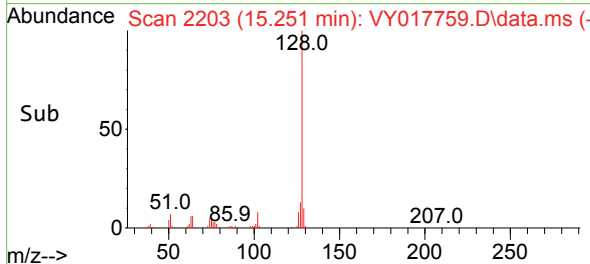
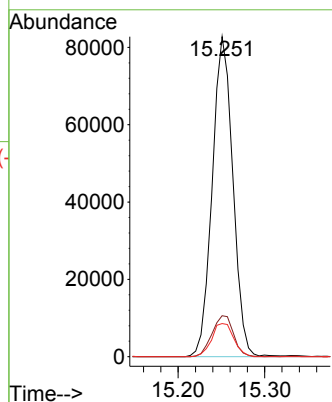
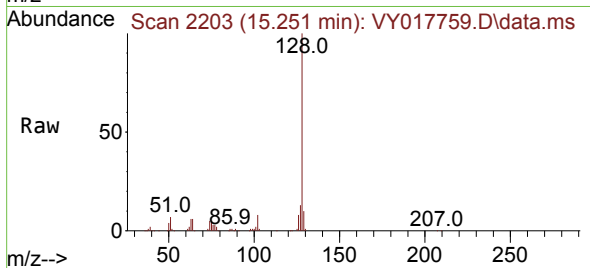
Tgt Ion:128 Resp: 137179

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.646 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017759.D

Acq: 26 Mar 2024 10:07

Tgt Ion:180 Resp: 68945

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 31.5 15.4 46.1

