

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017741.D
 Acq On : 22 Mar 2024 12:00
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 23 03:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	177761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	281432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	244430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	110650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	246048	158.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	317.760%#
35) Dibromofluoromethane	7.740	113	261235	155.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	310.580%#
50) Toluene-d8	10.197	98	1017973	158.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	316.220%#
62) 4-Bromofluorobenzene	12.495	95	306034	158.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	316.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	185683	120.994	ug/l	100
3) Chloromethane	2.125	50	236678	119.049	ug/l	99
4) Vinyl Chloride	2.265	62	288036	119.828	ug/l	100
5) Bromomethane	2.656	94	248280	132.285	ug/l	98
6) Chloroethane	2.808	64	194022	120.773	ug/l	98
7) Trichlorofluoromethane	3.143	101	299351	118.153	ug/l	95
8) Diethyl Ether	3.546	74	116411	139.365	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.917	101	227414	126.090	ug/l	98
10) Methyl Iodide	4.119	142	297196	134.801	ug/l	99
11) Tert butyl alcohol	4.984	59	72818	706.934	ug/l #	82
12) 1,1-Dichloroethene	3.899	96	222862	131.366	ug/l	93
13) Acrolein	3.747	56	99893	804.523	ug/l	99
14) Allyl chloride	4.503	41	327546	142.464	ug/l	96
15) Acrylonitrile	5.192	53	262723	759.259	ug/l	100
16) Acetone	3.966	43	207644	766.586	ug/l	91
17) Carbon Disulfide	4.222	76	727422	128.145	ug/l	98
18) Methyl Acetate	4.503	43	103114	151.198	ug/l	95
19) Methyl tert-butyl Ether	5.253	73	560879	153.335	ug/l	100
20) Methylene Chloride	4.747	84	238227	120.932	ug/l	93
21) trans-1,2-Dichloroethene	5.253	96	256364	132.554	ug/l	97
22) Diisopropyl ether	6.149	45	730271	145.880	ug/l	98
23) Vinyl Acetate	6.088	43	2329155	792.166	ug/l	96
24) 1,1-Dichloroethane	6.045	63	443062	134.655	ug/l	98
25) 2-Butanone	7.008	43	345299	734.497	ug/l	92
26) 2,2-Dichloropropane	7.008	77	382319	136.697	ug/l	98
27) cis-1,2-Dichloroethene	7.014	96	301597	137.863	ug/l	95
28) Bromochloromethane	7.362	49	193864	151.980	ug/l	92
29) Tetrahydrofuran	7.374	42	215056	734.501	ug/l	92
30) Chloroform	7.533	83	452415	132.634	ug/l	99
31) Cyclohexane	7.807	56	399299	130.367	ug/l	93
32) 1,1,1-Trichloroethane	7.728	97	400547	134.835	ug/l	97
36) 1,1-Dichloropropene	7.941	75	344731	132.642	ug/l	98
37) Ethyl Acetate	7.100	43	151288	151.489	ug/l	97
38) Carbon Tetrachloride	7.923	117	362666	133.269	ug/l	99
39) Methylcyclohexane	9.203	83	466977	139.970	ug/l	96
40) Benzene	8.185	78	1055989	135.738	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	75475	152.997	ug/l	98
42) 1,2-Dichloroethane	8.258	62	257363	138.116	ug/l	98
43) Isopropyl Acetate	8.295	43	289034	144.914	ug/l	95
44) Trichloroethene	8.959	130	266512	130.971	ug/l	98
45) 1,2-Dichloropropane	9.234	63	245748	138.640	ug/l	99
46) Dibromomethane	9.325	93	138408	140.124	ug/l	98
47) Bromodichloromethane	9.514	83	347284	137.501	ug/l	99
48) Methyl methacrylate	9.307	41	136044	145.528	ug/l	93
49) 1,4-Dioxane	9.319	88	29780	3098.515	ug/l #	97
51) 4-Methyl-2-Pentanone	10.087	43	778662	722.413	ug/l	96
52) Toluene	10.258	92	668448	139.049	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	333198	150.848	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	389328	144.288	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	177542	140.507	ug/l	97
56) Ethyl methacrylate	10.526	69	260238	143.976	ug/l	93
57) 1,3-Dichloropropane	10.806	76	310651	142.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	675489	736.380	ug/l	98
59) 2-Hexanone	10.843	43	550731	718.850	ug/l	96
60) Dibromochloromethane	11.002	129	236942	140.189	ug/l	99
61) 1,2-Dibromoethane	11.105	107	170041	143.338	ug/l	98
64) Tetrachloroethene	10.733	164	271897	120.284	ug/l	96
65) Chlorobenzene	11.532	112	706455	134.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	247986	141.135	ug/l	99
67) Ethyl Benzene	11.605	91	1286025	142.314	ug/l	99
68) m/p-Xylenes	11.715	106	1005860	286.940	ug/l	99
69) o-Xylene	12.044	106	467855	146.185	ug/l	100
70) Styrene	12.056	104	807214	151.545	ug/l	99
71) Bromoform	12.221	173	134656	145.516	ug/l #	98
73) Isopropylbenzene	12.343	105	1190306	142.464	ug/l	99
74) N-amyl acetate	12.154	43	262461	148.061	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	194546	151.225	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	261018	248.910	ug/l #	100
77) Bromobenzene	12.623	156	267737	140.748	ug/l	98
78) n-propylbenzene	12.684	91	1423782	140.771	ug/l	100
79) 2-Chlorotoluene	12.770	91	765698	138.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	938334	143.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	72193	163.260	ug/l	99
82) 4-Chlorotoluene	12.867	91	803261	141.151	ug/l	99
83) tert-Butylbenzene	13.087	119	828098	139.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	923517	144.028	ug/l	97
85) sec-Butylbenzene	13.263	105	1235397	139.263	ug/l	99
86) p-Isopropyltoluene	13.379	119	1069275	145.170	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	545217	141.439	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	505131	136.502	ug/l	98
89) n-Butylbenzene	13.708	91	952950	143.005	ug/l	99
90) Hexachloroethane	13.971	117	196063	130.531	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	443370	138.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	24451	144.169	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	232486	150.294	ug/l	98
94) Hexachlorobutadiene	15.123	225	125200	126.091	ug/l	98
95) Naphthalene	15.245	128	430149	145.145	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	191804	150.179	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 03:33:45 2024
Response via : Initial Calibration

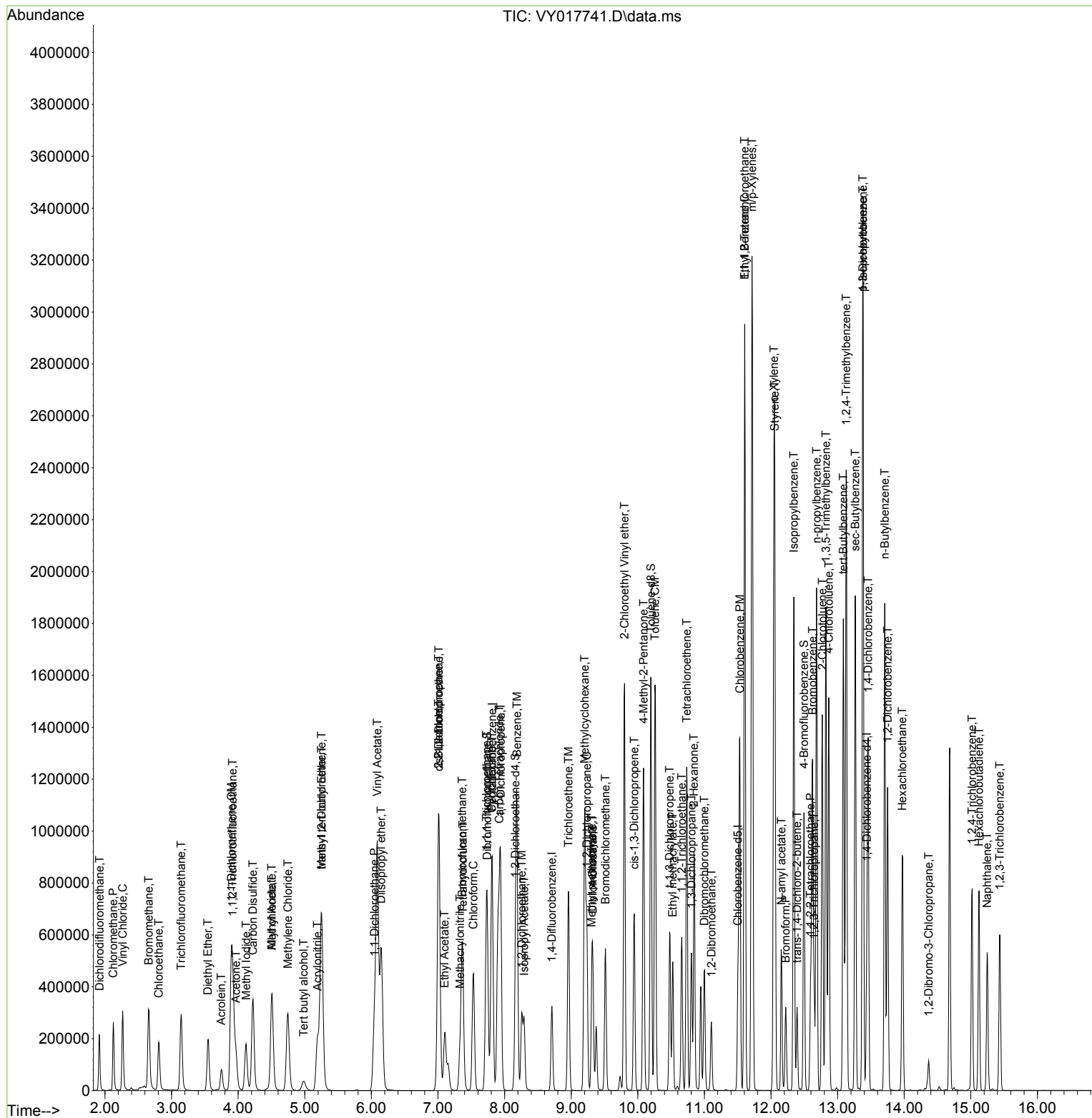
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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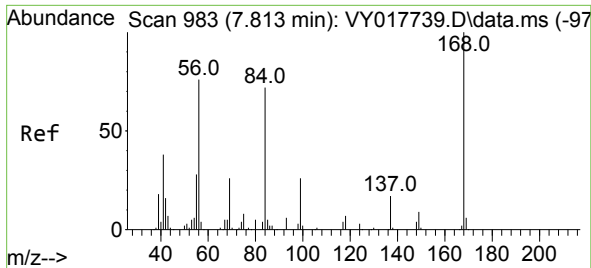
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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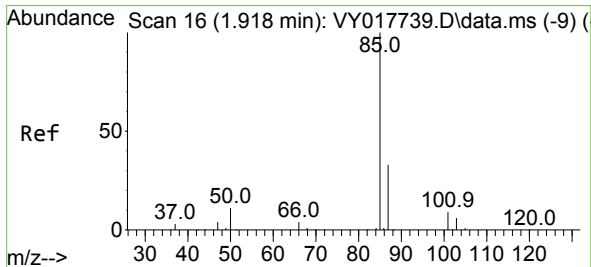
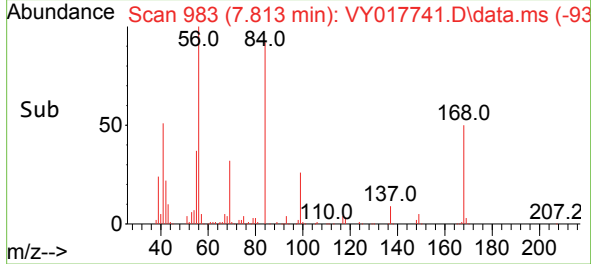
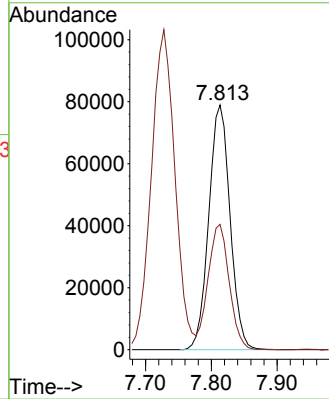
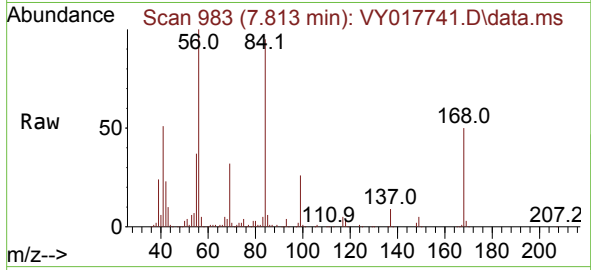




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

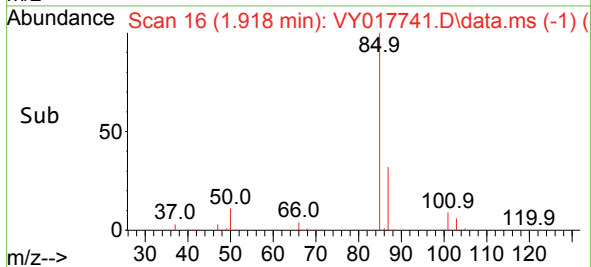
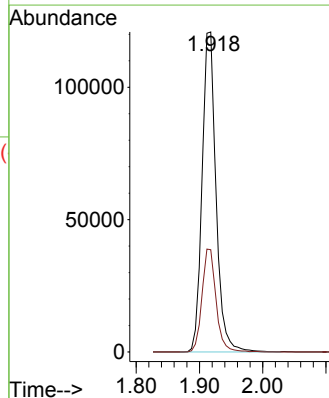
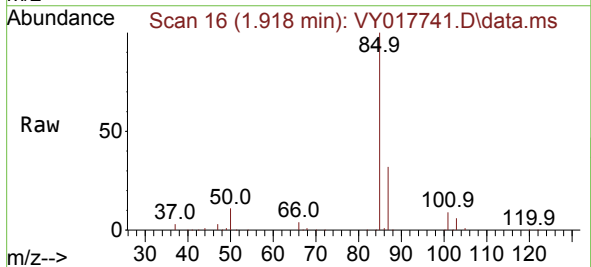
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

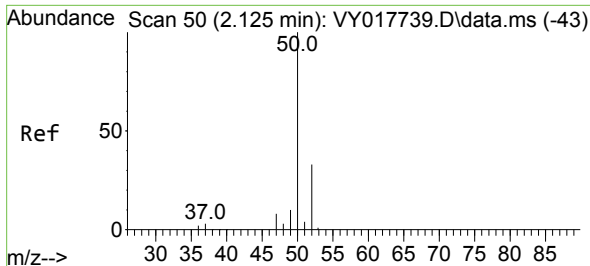
Tgt Ion:168 Resp: 177761
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 120.994 ug/l
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 85 Resp: 185683
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

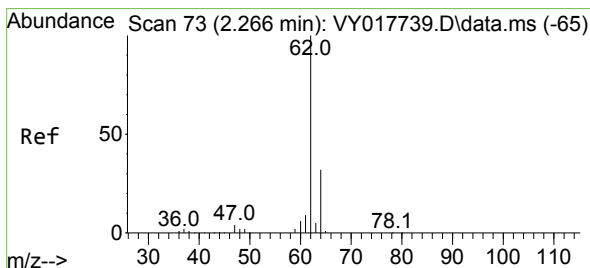
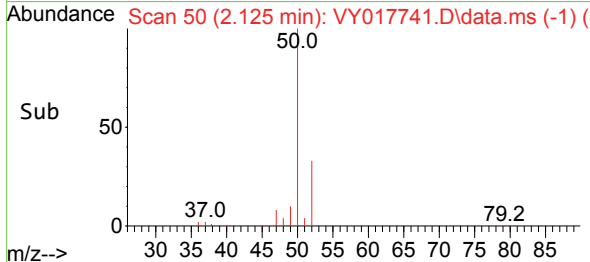
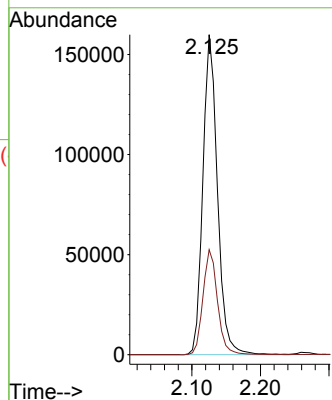
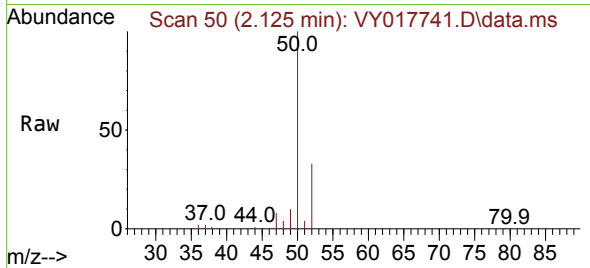




#3
Chloromethane
Concen: 119.049 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

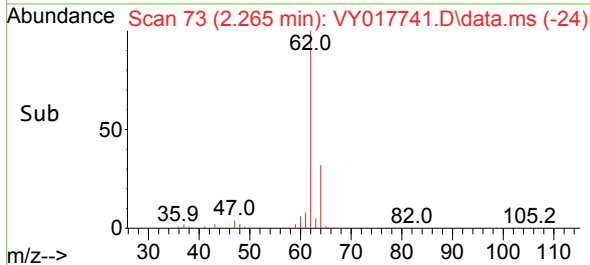
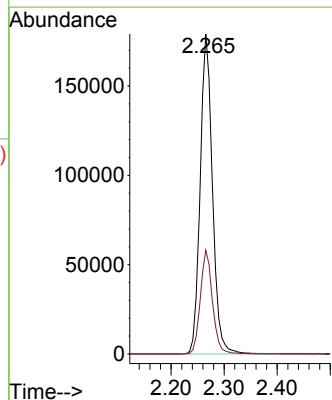
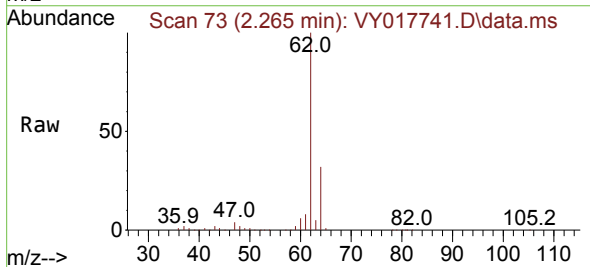
Instrument :
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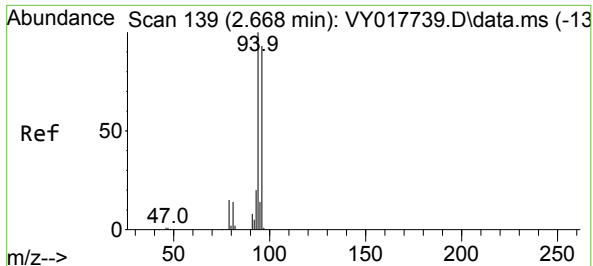
Tgt Ion: 50 Resp: 236678
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 119.828 ug/l
RT: 2.265 min Scan# 73
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 62 Resp: 288036
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

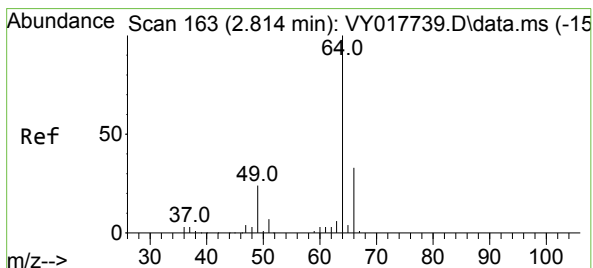
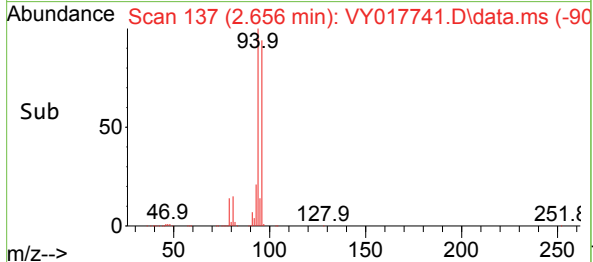
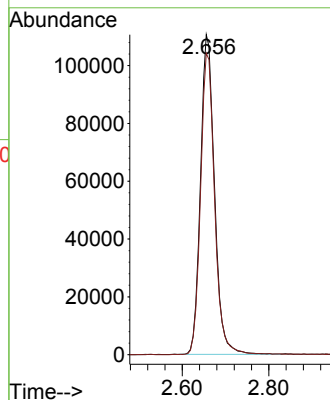
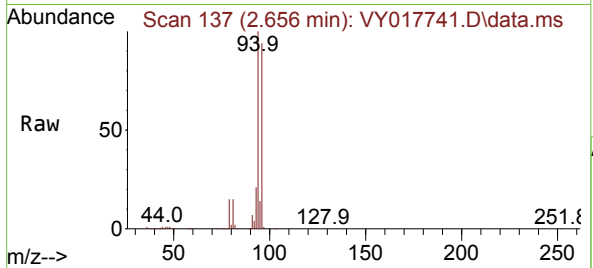




#5
Bromomethane
Concen: 132.285 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

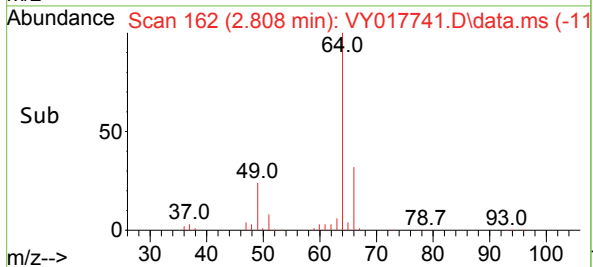
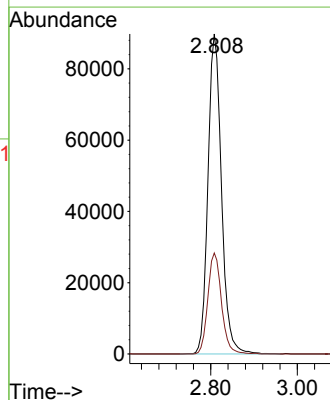
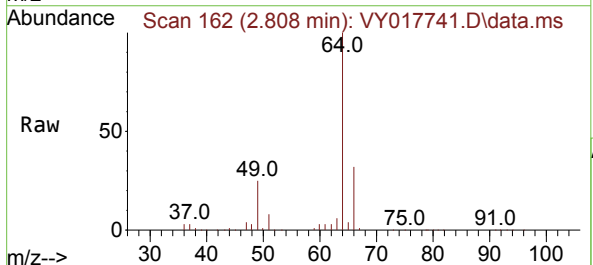
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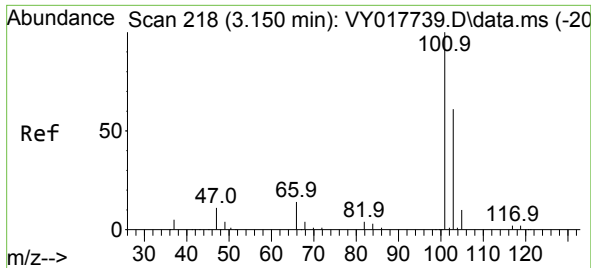
Tgt Ion: 94 Resp: 248280
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1



#6
Chloroethane
Concen: 120.773 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 64 Resp: 194022
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

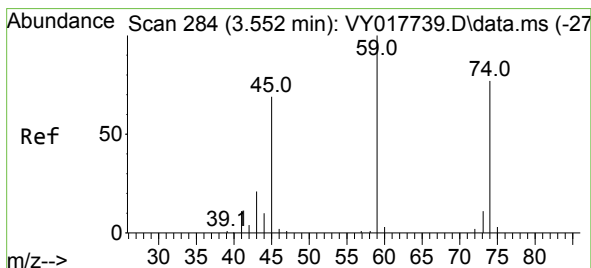
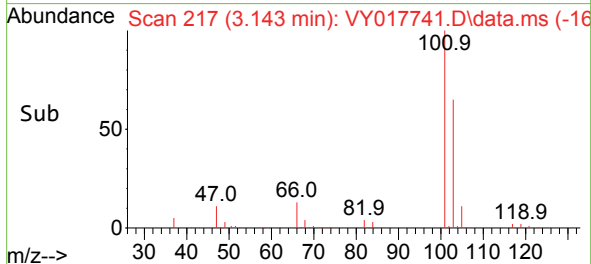
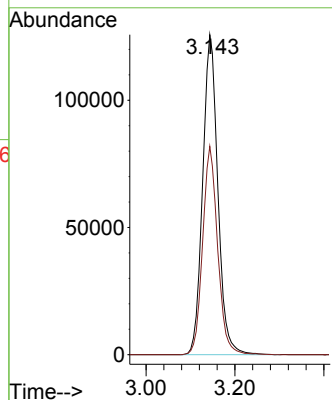
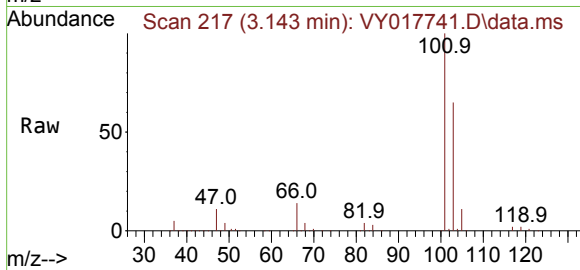




#7
Trichlorofluoromethane
Concen: 118.153 ug/l
RT: 3.143 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

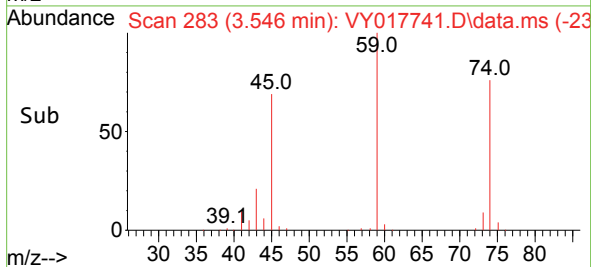
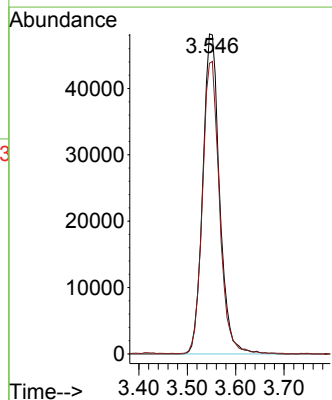
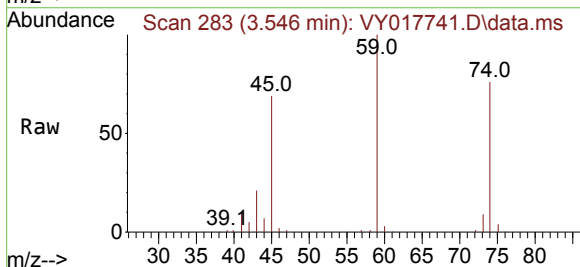
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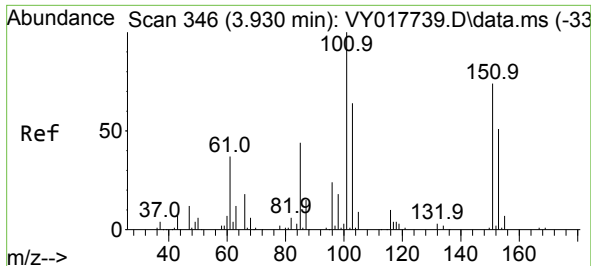
Tgt Ion:101 Resp: 299351
Ion Ratio Lower Upper
101 100
103 65.1 49.3 73.9



#8
Diethyl Ether
Concen: 139.365 ug/l
RT: 3.546 min Scan# 283
Delta R.T. -0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 74 Resp: 116411
Ion Ratio Lower Upper
74 100
45 92.8 41.3 124.1

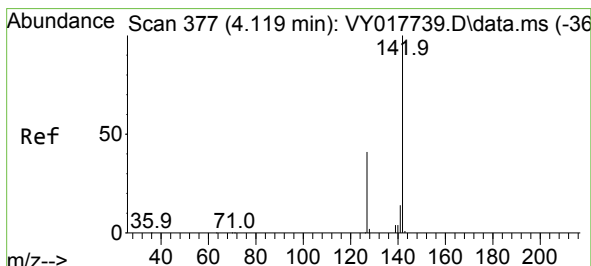
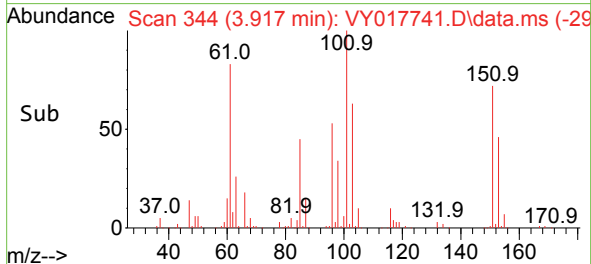
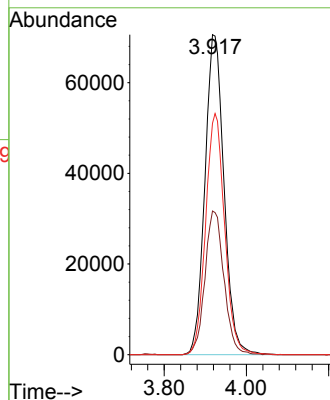
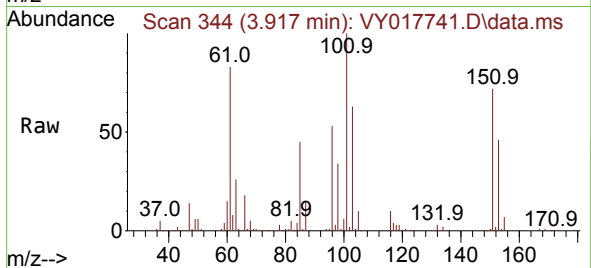




#9
1,1,2-Trichlorotrifluoroethane
Concen: 126.090 ug/l
RT: 3.917 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

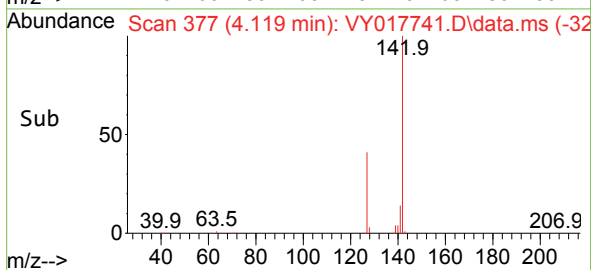
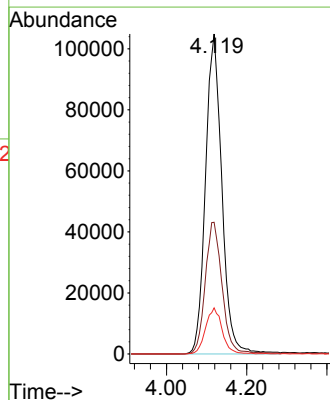
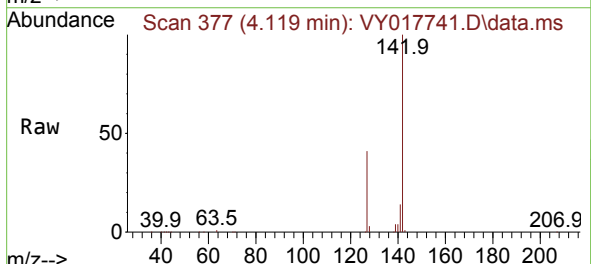
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

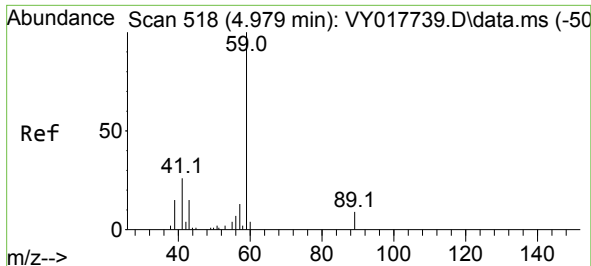
Tgt Ion:101 Resp: 227414
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 75.0 61.7 92.5



#10
Methyl Iodide
Concen: 134.801 ug/l
RT: 4.119 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:142 Resp: 297196
Ion Ratio Lower Upper
142 100
127 42.1 32.8 49.2
141 14.5 11.4 17.2

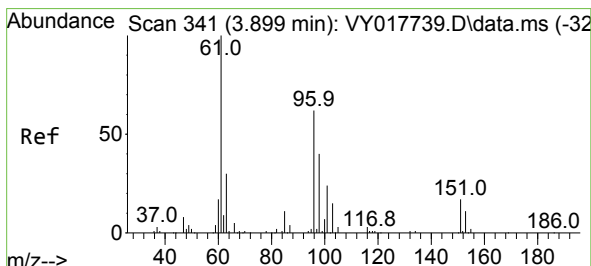
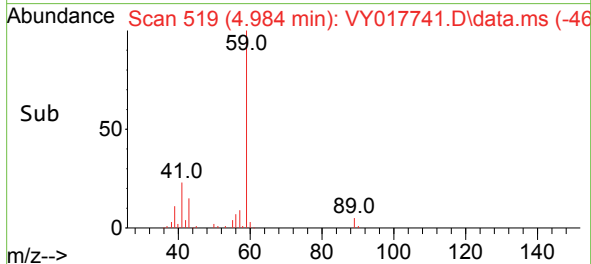
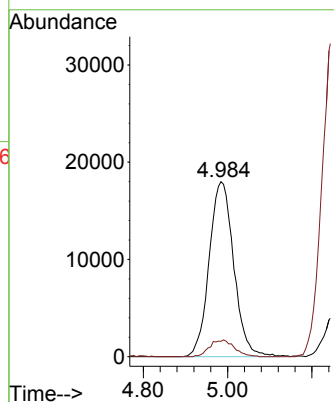
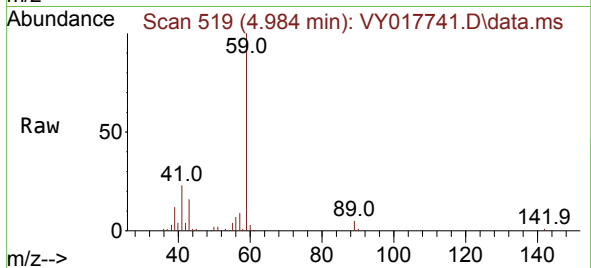




#11
Tert butyl alcohol
Concen: 706.934 ug/l
RT: 4.984 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

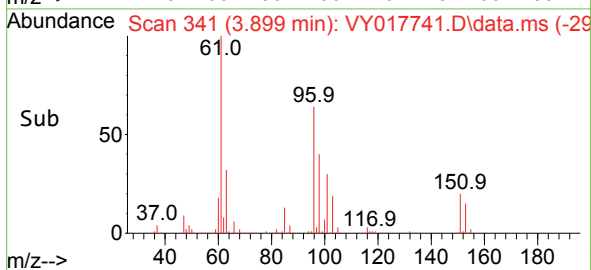
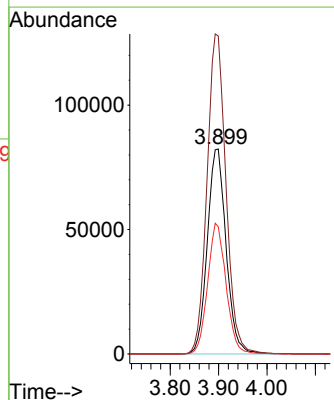
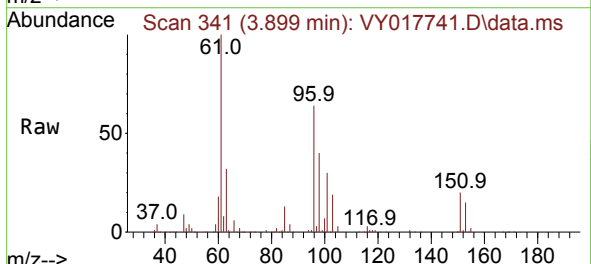
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

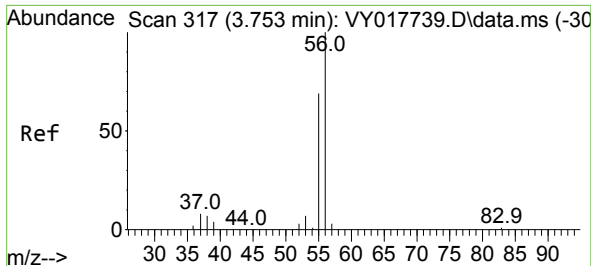
Tgt Ion: 59 Resp: 72818
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 131.366 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 96 Resp: 222862
Ion Ratio Lower Upper
96 100
61 155.1 114.6 171.8
98 62.1 50.8 76.2





#13

Acrolein

Concen: 804.523 ug/l

RT: 3.747 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

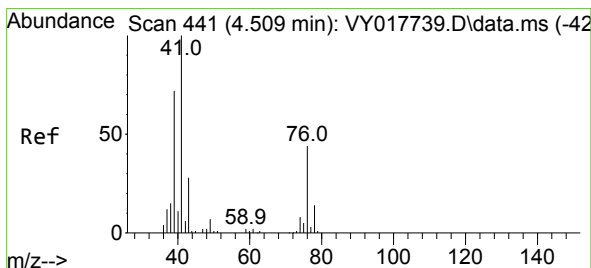
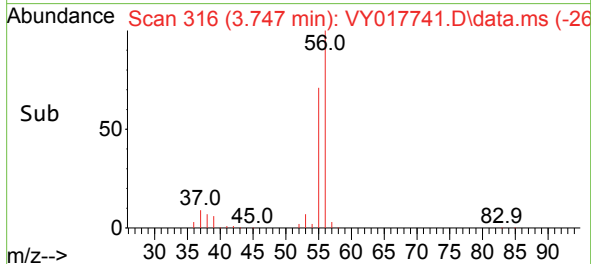
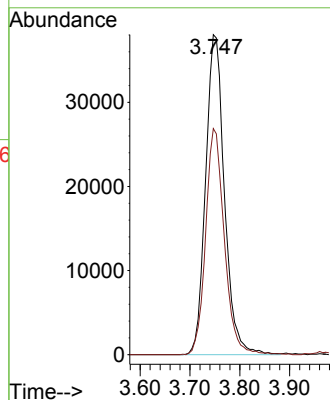
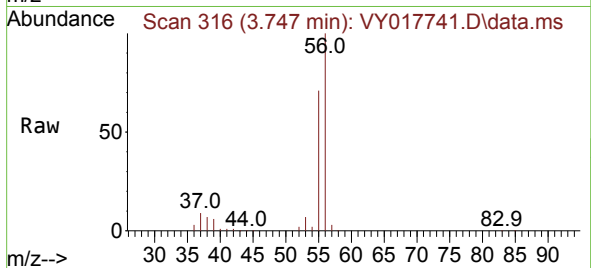
VSTDIC150

Tgt Ion: 56 Resp: 99893

Ion Ratio Lower Upper

56 100

55 70.2 55.7 83.5



#14

Allyl chloride

Concen: 142.464 ug/l

RT: 4.503 min Scan# 440

Delta R.T. -0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

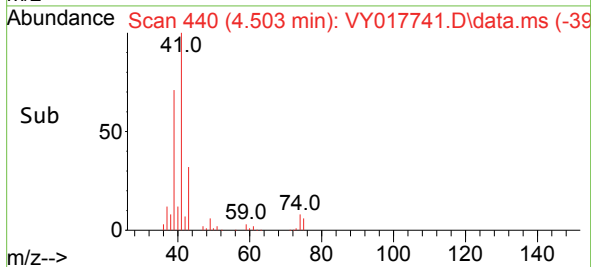
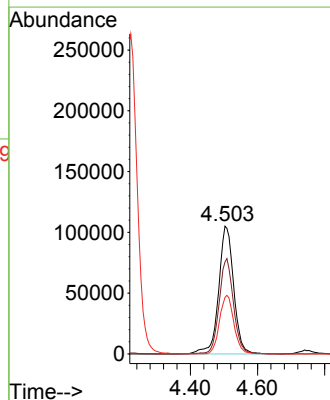
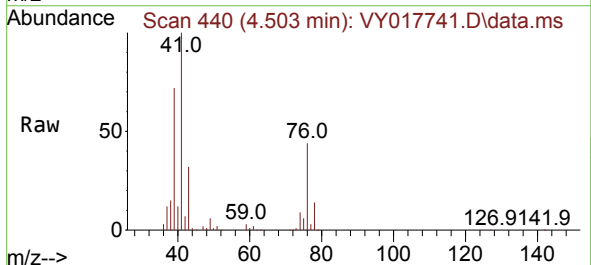
Tgt Ion: 41 Resp: 327546

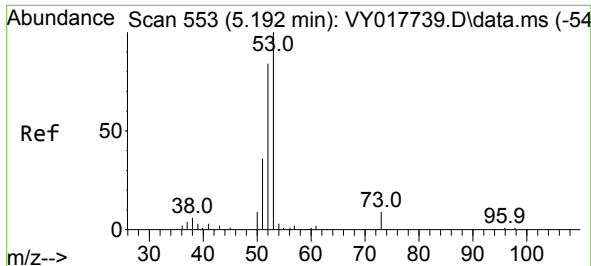
Ion Ratio Lower Upper

41 100

39 71.2 58.3 87.5

76 43.8 39.0 58.6

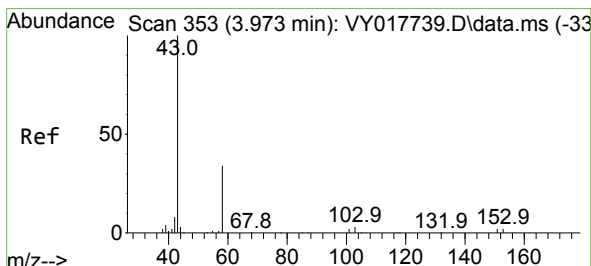
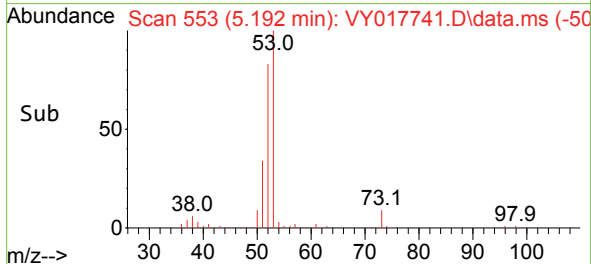
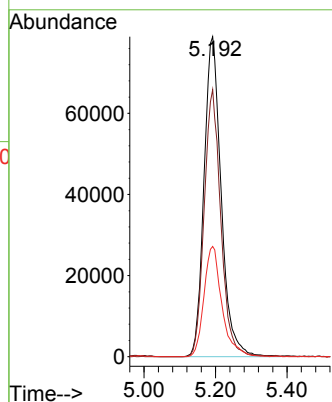
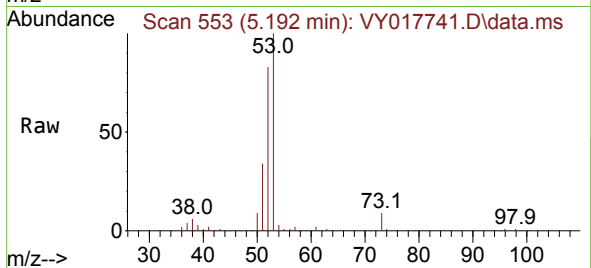




#15
Acrylonitrile
Concen: 759.259 ug/l
RT: 5.192 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

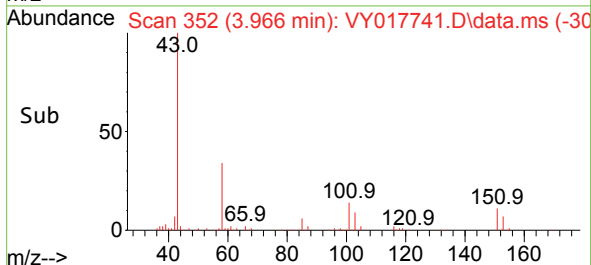
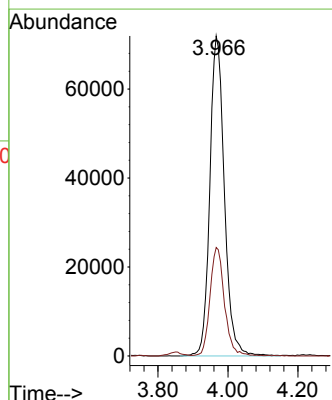
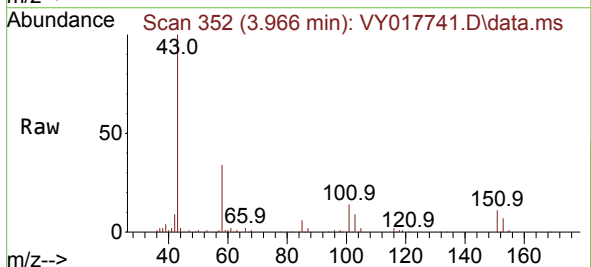
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

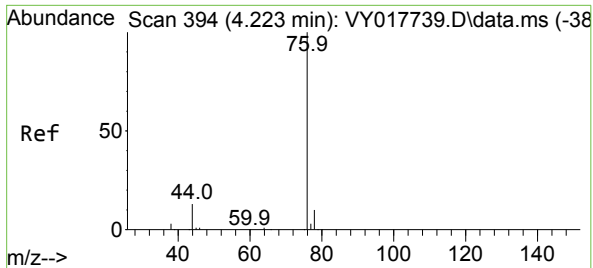
Tgt Ion: 53 Resp: 262723
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 766.586 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 43 Resp: 207644
Ion Ratio Lower Upper
43 100
58 33.8 31.7 47.5

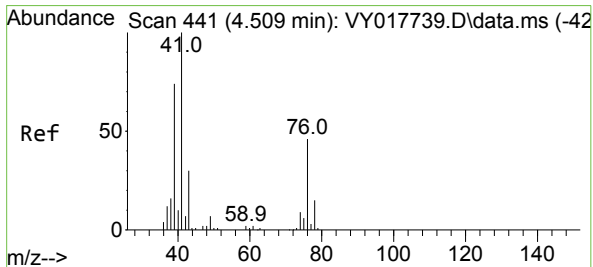
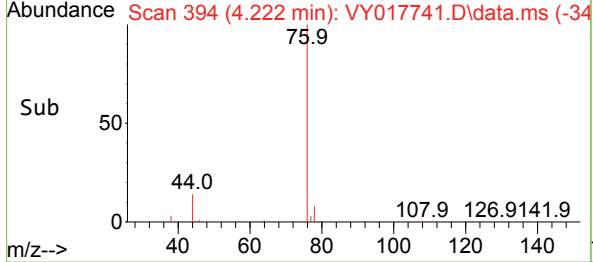
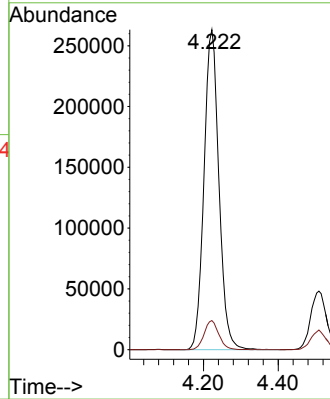
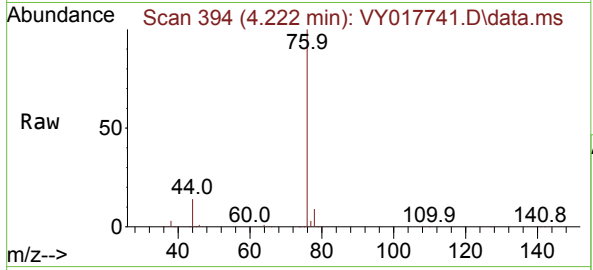




#17
Carbon Disulfide
Concen: 128.145 ug/l
RT: 4.222 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

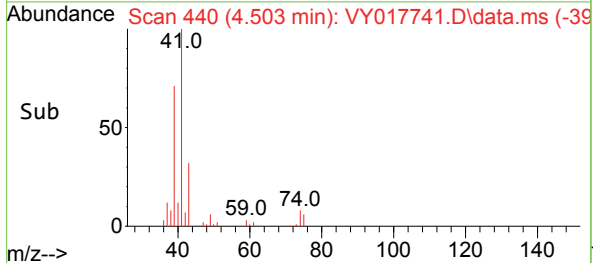
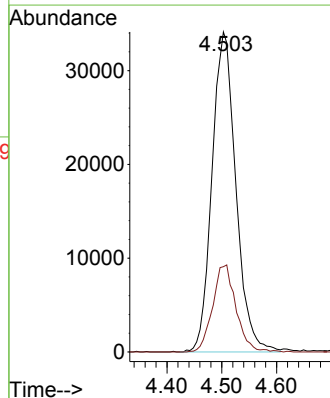
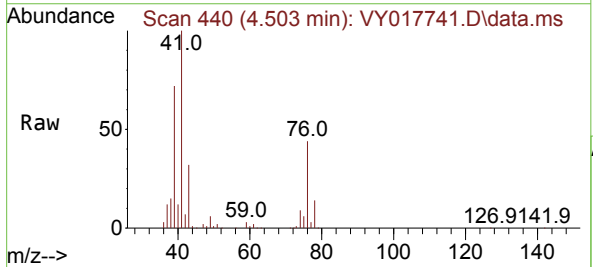
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

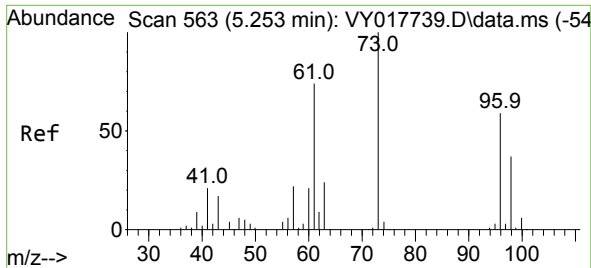
Tgt Ion: 76 Resp: 727422
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 151.198 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 43 Resp: 103114
Ion Ratio Lower Upper
43 100
74 26.6 23.3 34.9

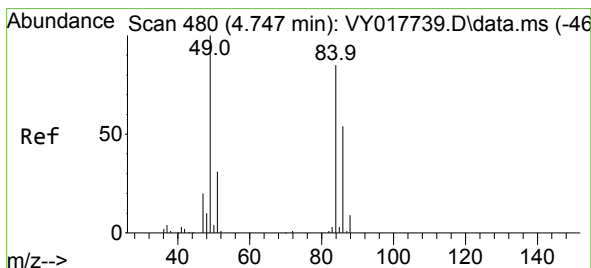
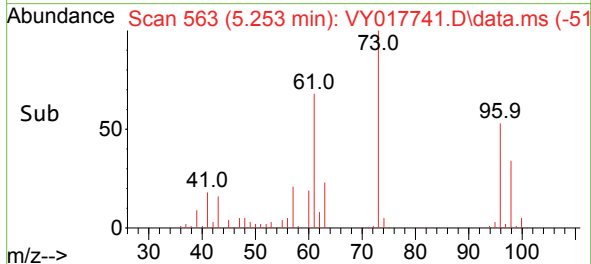
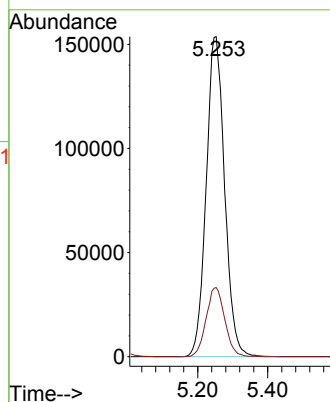
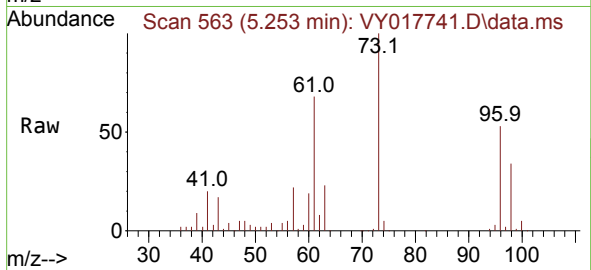




#19
Methyl tert-butyl Ether
Concen: 153.335 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

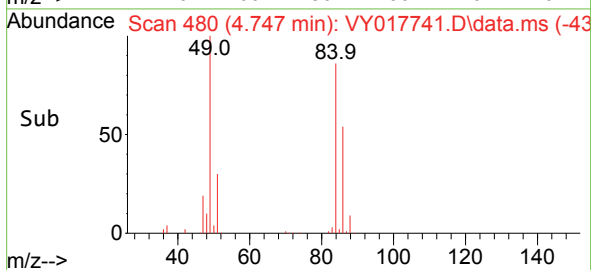
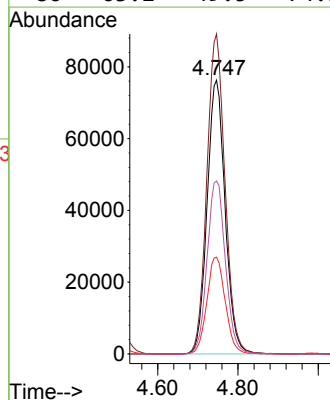
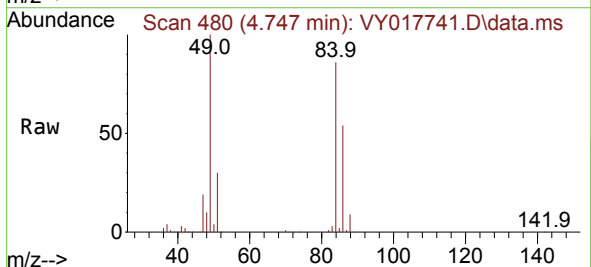
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

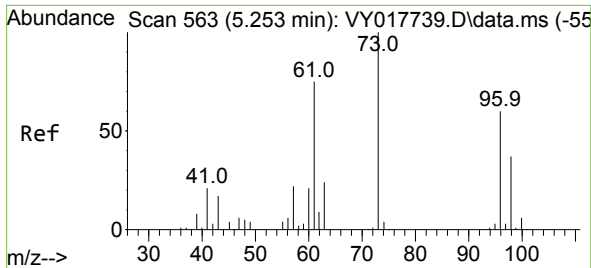
Tgt Ion: 73 Resp: 560879
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 120.932 ug/l
RT: 4.747 min Scan# 480
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 84 Resp: 238227
Ion Ratio Lower Upper
84 100
49 116.9 84.4 126.6
51 35.4 26.0 39.0
86 63.2 49.5 74.3

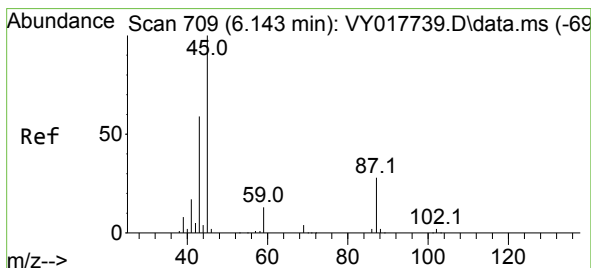
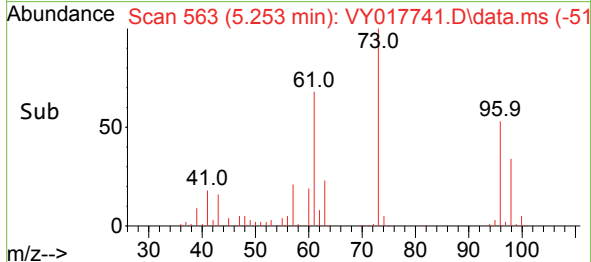
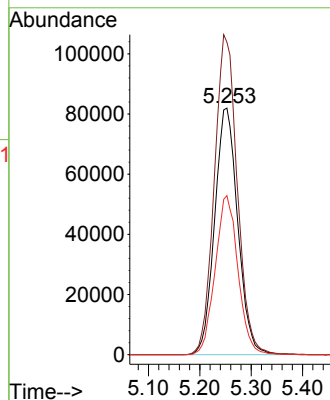
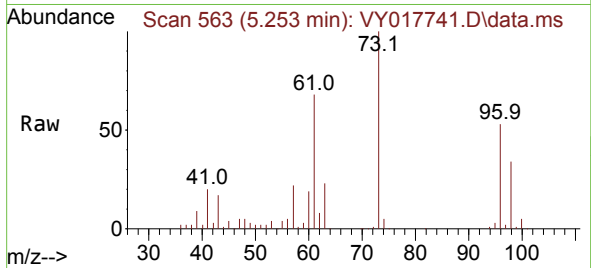




#21
trans-1,2-Dichloroethene
Concen: 132.554 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

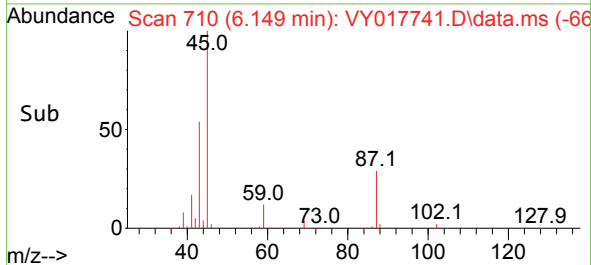
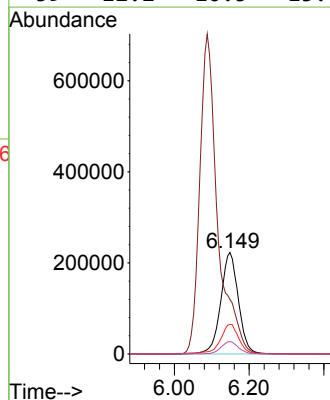
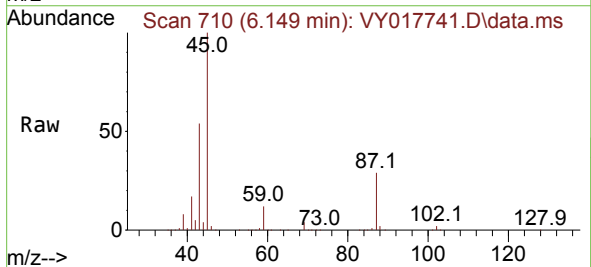
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

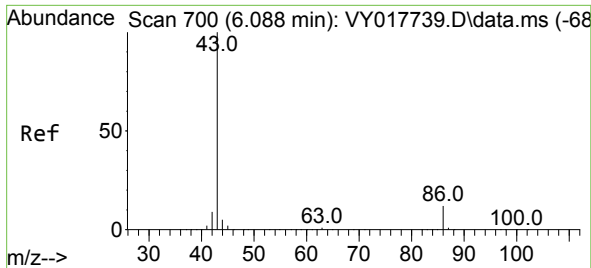
Tgt Ion: 96 Resp: 256364
Ion Ratio Lower Upper
96 100
61 126.8 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 145.880 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 45 Resp: 730271
Ion Ratio Lower Upper
45 100
43 53.7 42.2 63.2
87 29.1 25.0 37.6
59 12.2 10.5 15.7





#23

Vinyl Acetate

Concen: 792.166 ug/l

RT: 6.088 min Scan# 700

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

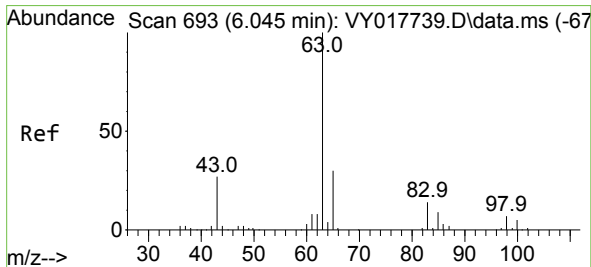
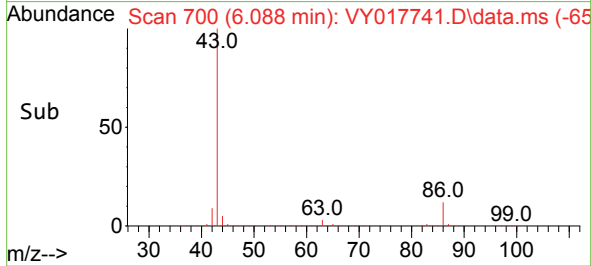
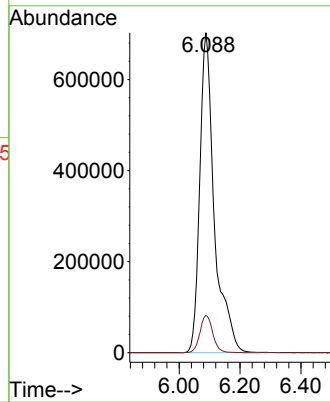
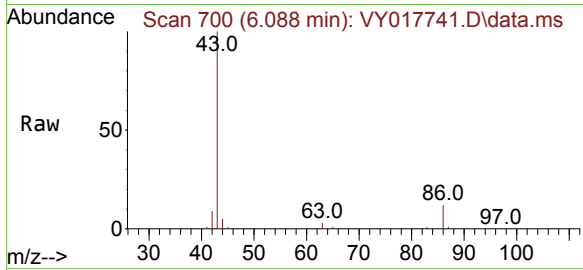
VSTDIC150

Tgt Ion: 43 Resp: 2329155

Ion Ratio Lower Upper

43 100

86 11.7 10.6 16.0



#24

1,1-Dichloroethane

Concen: 134.655 ug/l

RT: 6.045 min Scan# 693

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

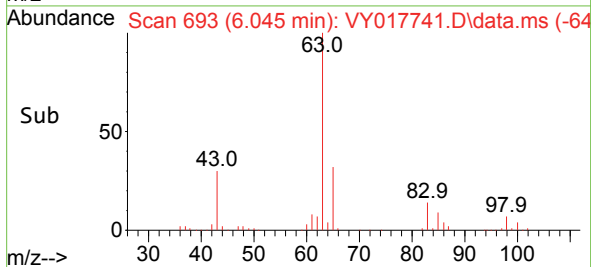
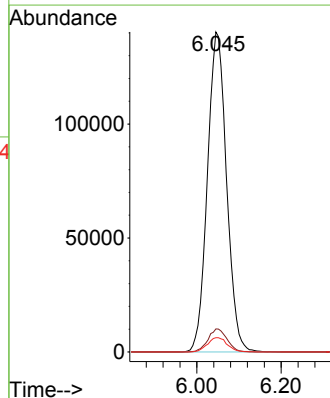
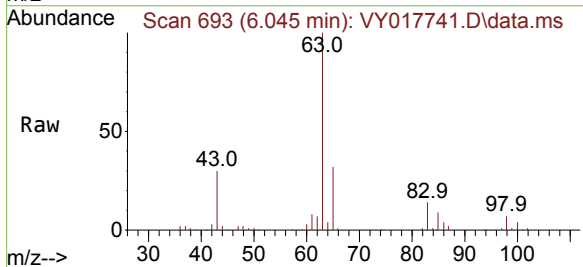
Tgt Ion: 63 Resp: 443062

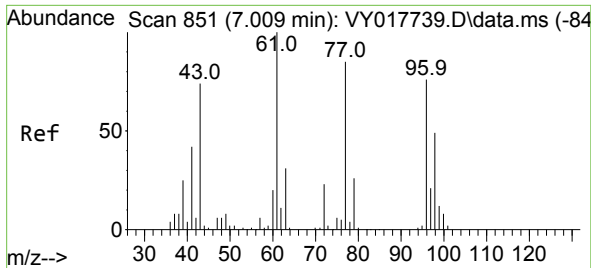
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 4.5 2.6 8.0

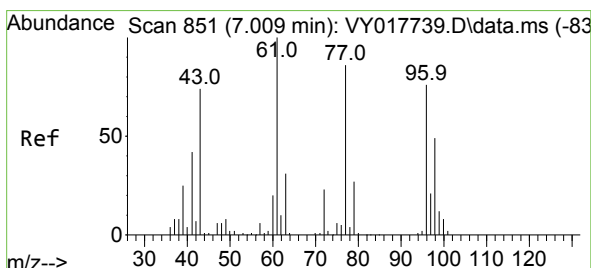
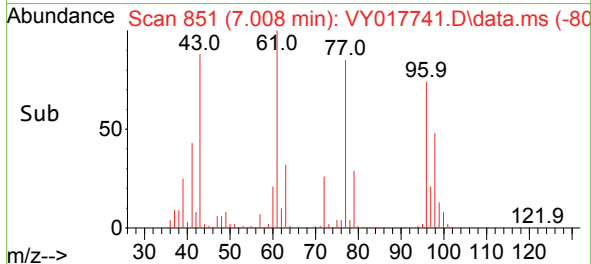
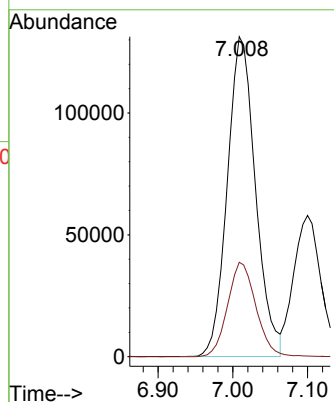
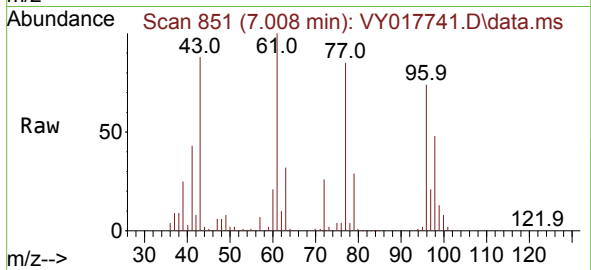




#25
2-Butanone
Concen: 734.497 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.001 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

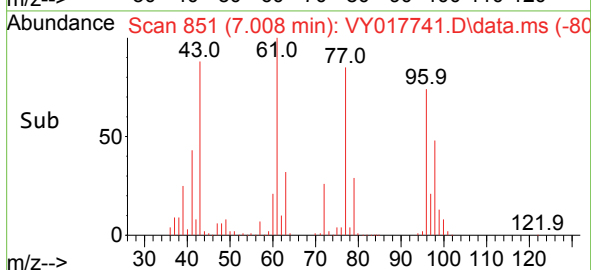
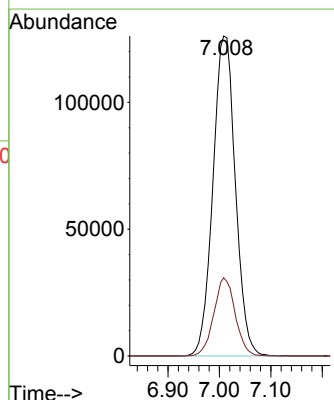
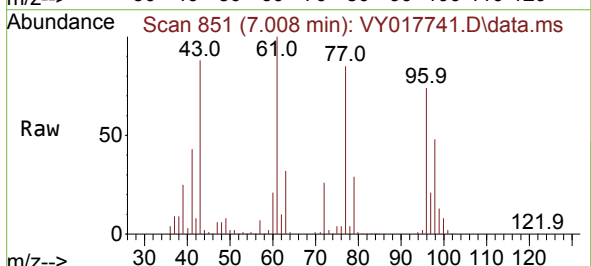
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

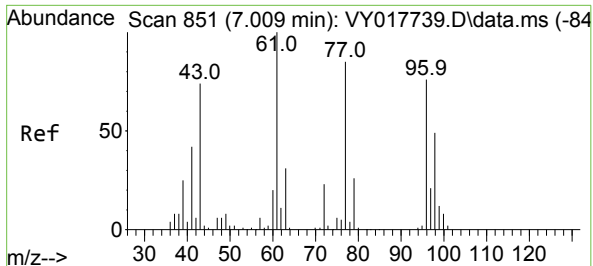
Tgt Ion: 43 Resp: 345299
Ion Ratio Lower Upper
43 100
72 29.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 136.697 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 77 Resp: 382319
Ion Ratio Lower Upper
77 100
97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 137.863 ug/l

RT: 7.014 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

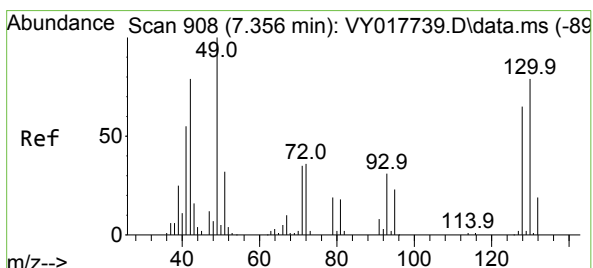
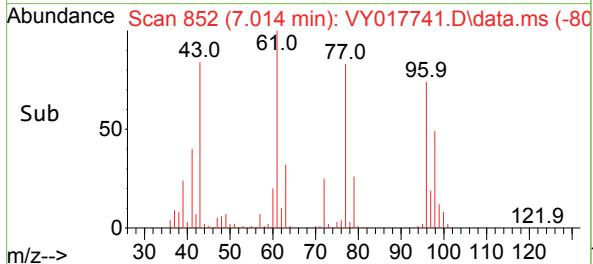
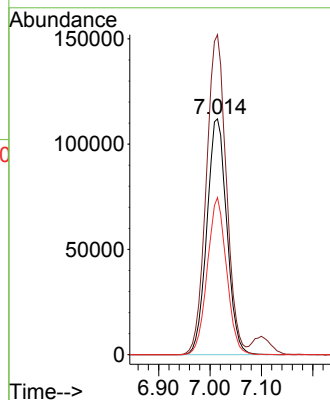
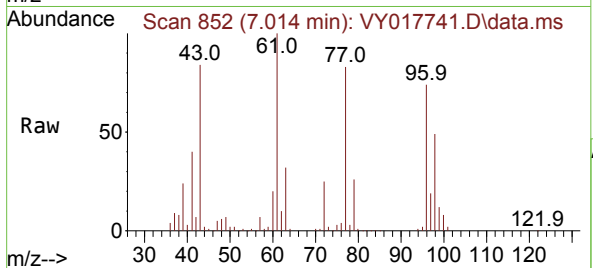
Tgt Ion: 96 Resp: 301597

Ion Ratio Lower Upper

96 100

61 136.4 0.0 256.2

98 64.3 0.0 130.0



#28

Bromochloromethane

Concen: 151.980 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

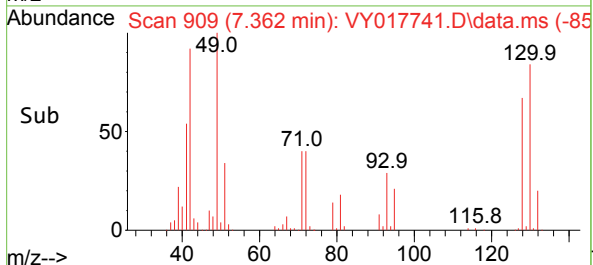
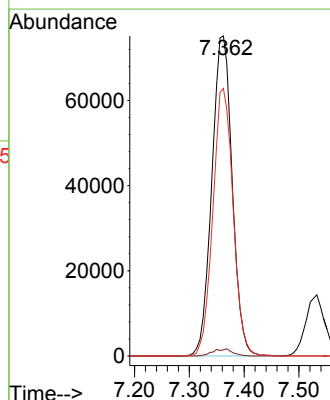
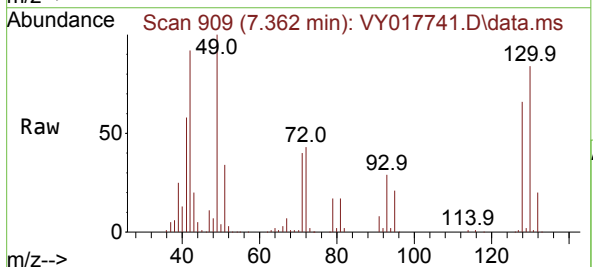
Tgt Ion: 49 Resp: 193864

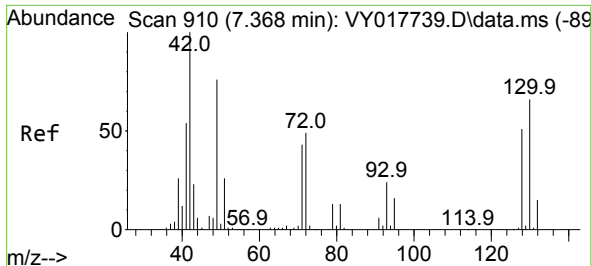
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 734.501 ug/l

RT: 7.374 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

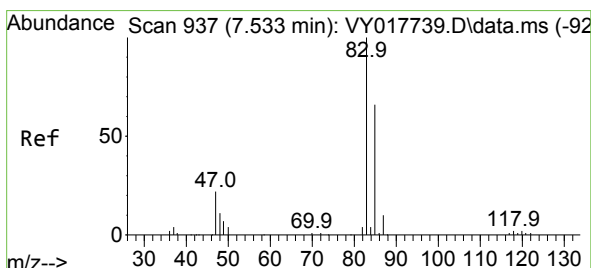
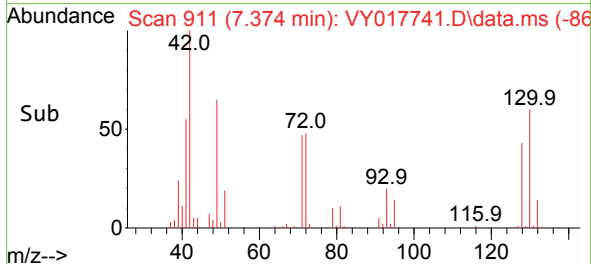
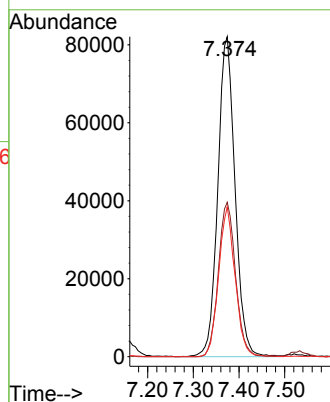
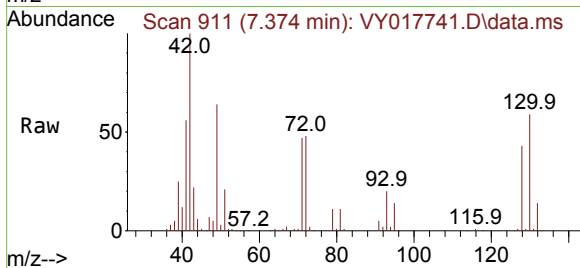
Tgt Ion: 42 Resp: 215056

Ion Ratio Lower Upper

42 100

72 48.2 43.0 64.4

71 44.8 40.8 61.2



#30

Chloroform

Concen: 132.634 ug/l

RT: 7.533 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY017741.D

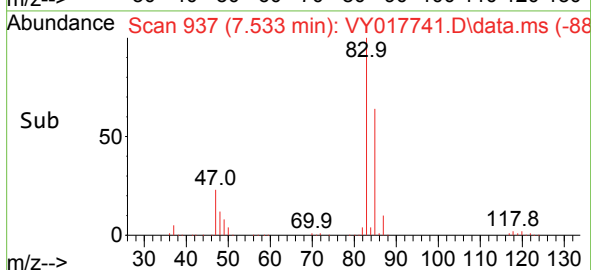
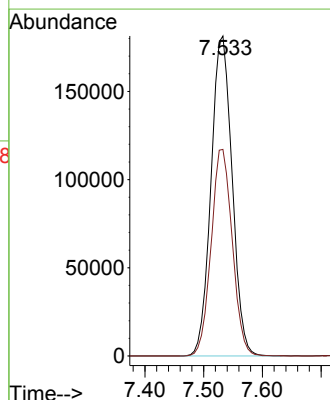
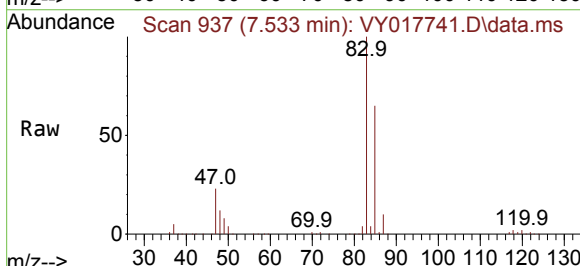
Acq: 22 Mar 2024 12:00

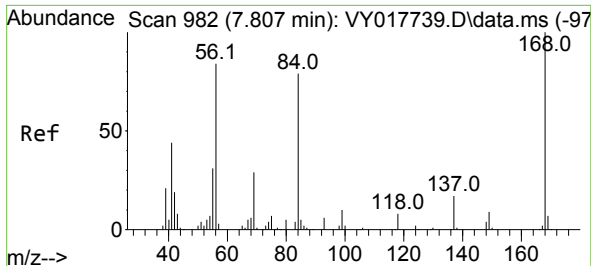
Tgt Ion: 83 Resp: 452415

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.4

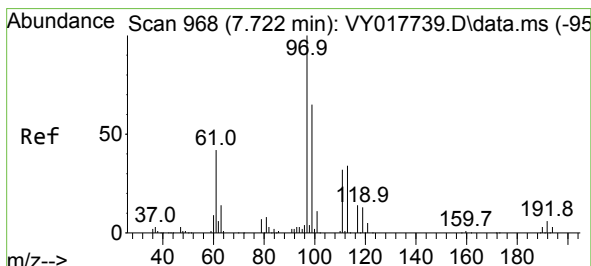
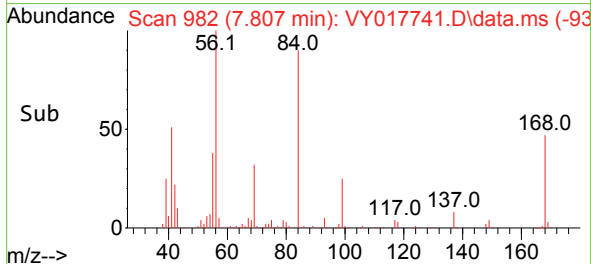
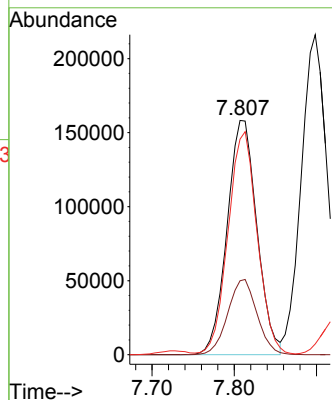
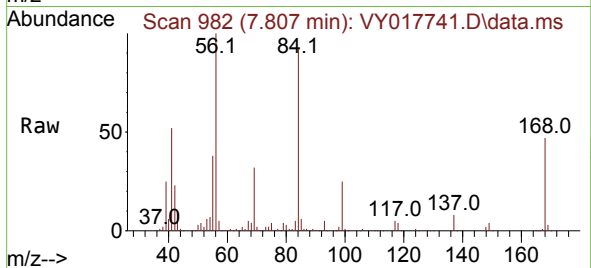




#31
Cyclohexane
Concen: 130.367 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

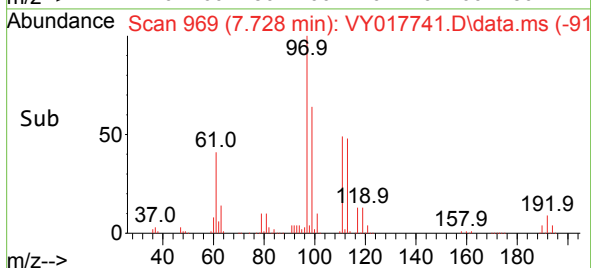
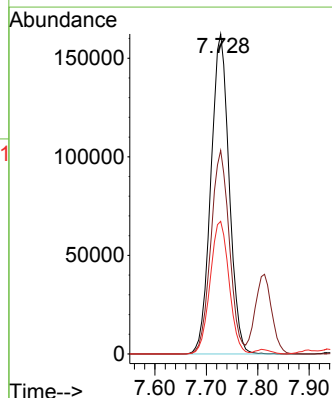
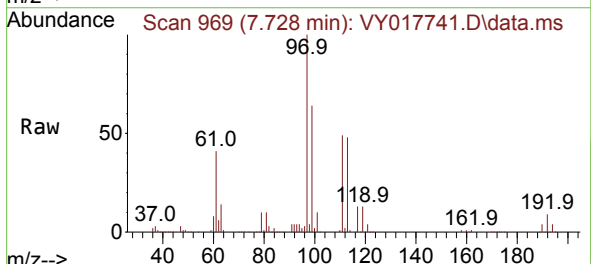
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

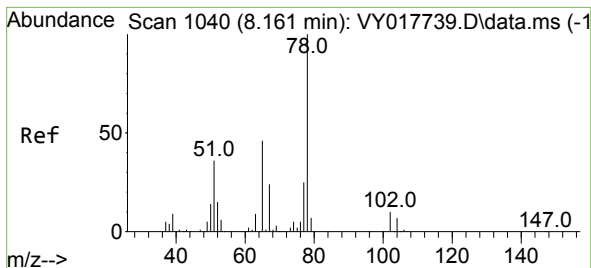
Tgt Ion: 56 Resp: 399299
Ion Ratio Lower Upper
56 100
69 31.6 28.7 43.1
84 90.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 134.835 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 97 Resp: 400547
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 42.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 158.882 ug/l

RT: 8.161 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

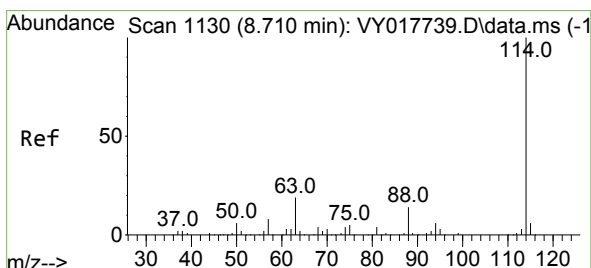
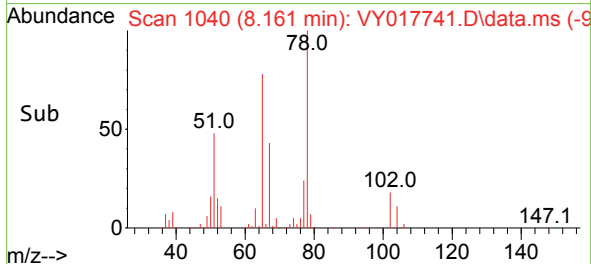
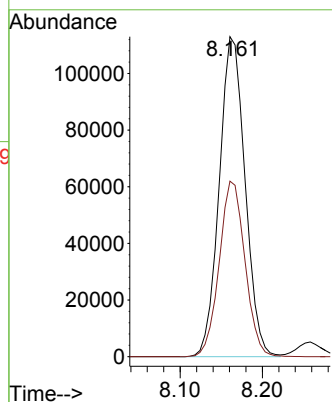
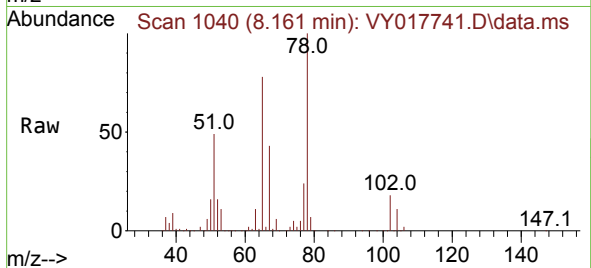
VSTDIC150

Tgt Ion: 65 Resp: 246048

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

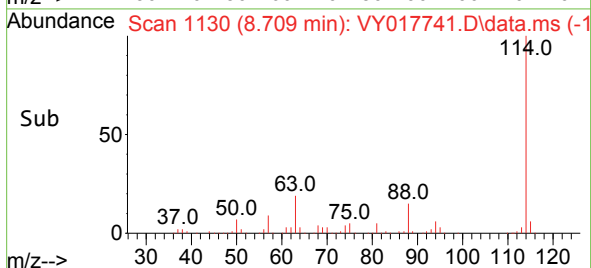
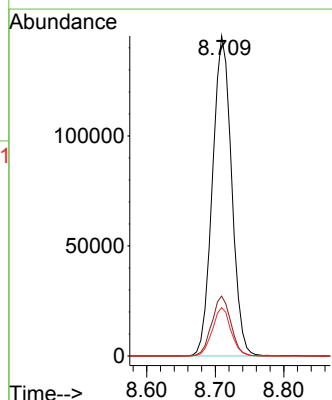
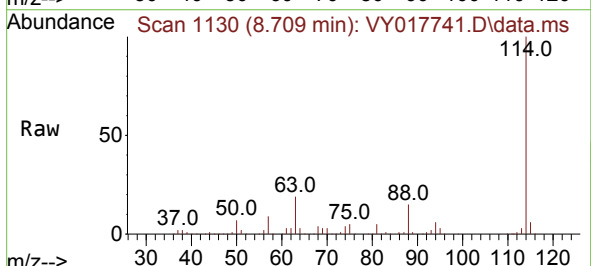
Tgt Ion:114 Resp: 281432

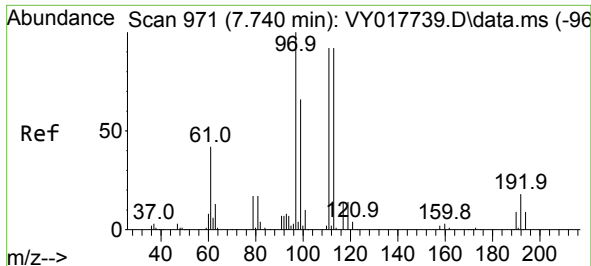
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 15.1 0.0 27.2

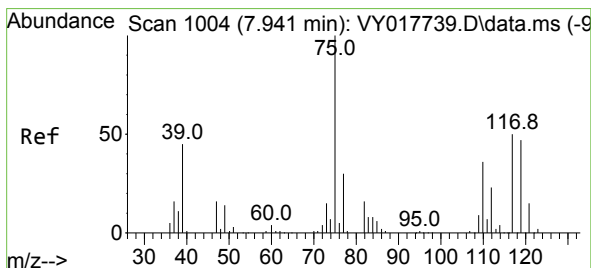
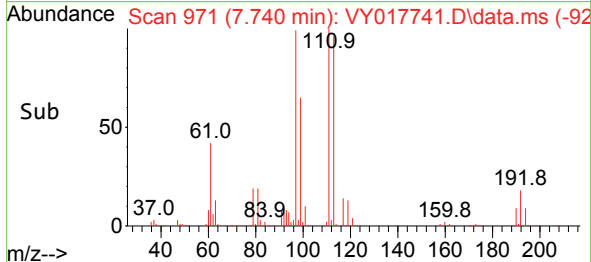
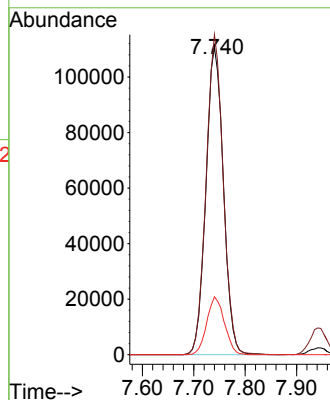
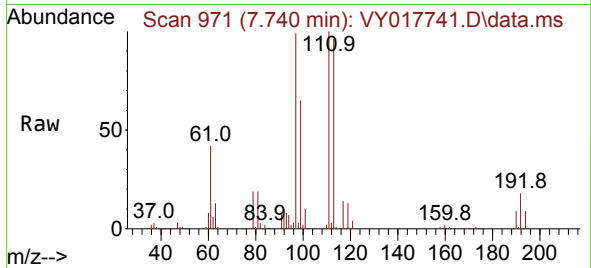




#35
Dibromofluoromethane
Concen: 155.286 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

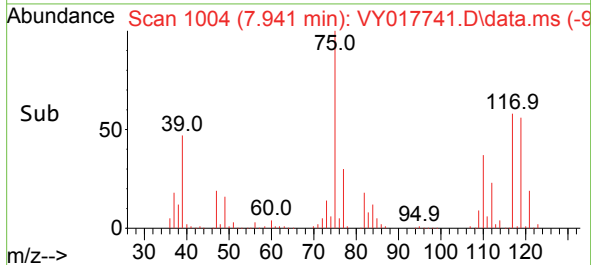
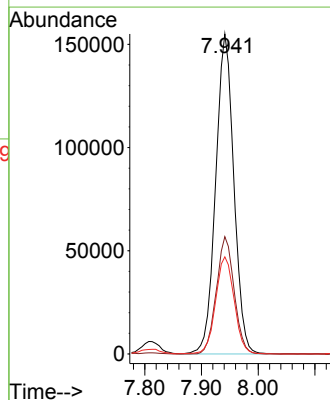
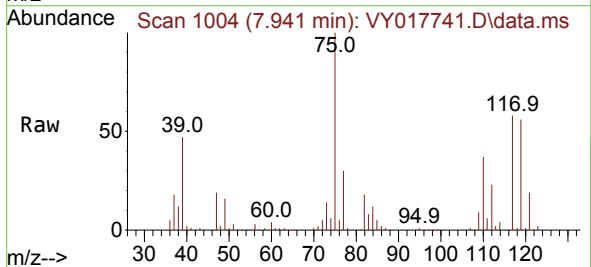
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

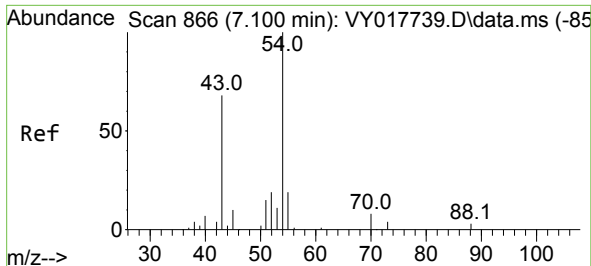
Tgt Ion:113 Resp: 261235
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 132.642 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 75 Resp: 344731
Ion Ratio Lower Upper
75 100
110 35.9 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 151.489 ug/l

RT: 7.100 min Scan# 866

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

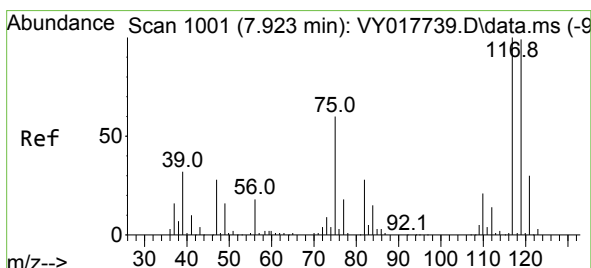
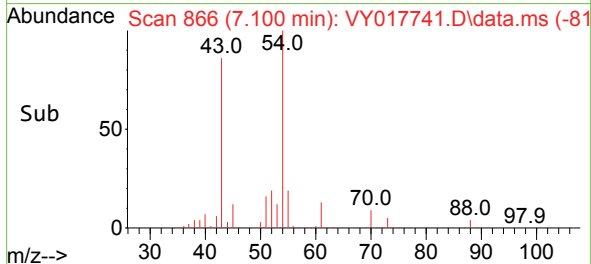
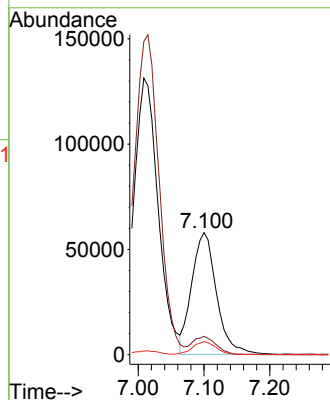
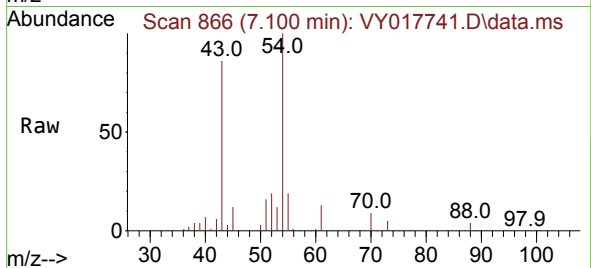
Tgt Ion: 43 Resp: 151288

Ion Ratio Lower Upper

43 100

61 14.2 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 133.269 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

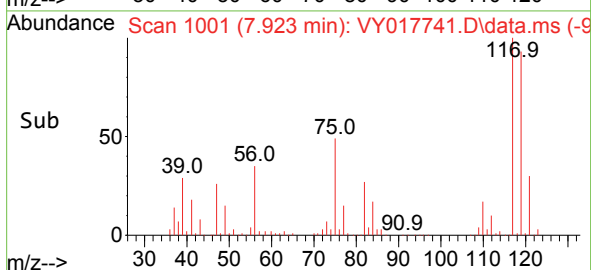
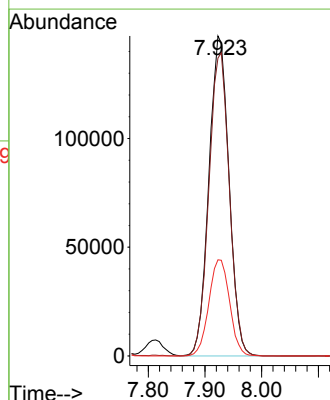
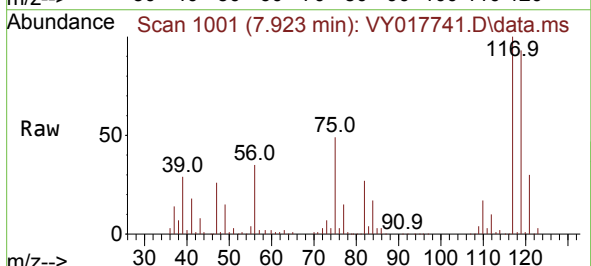
Tgt Ion: 117 Resp: 362666

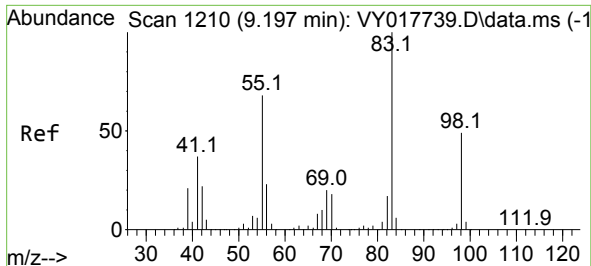
Ion Ratio Lower Upper

117 100

119 93.1 75.8 113.6

121 30.1 24.0 36.0





#39

Methylcyclohexane

Concen: 139.970 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

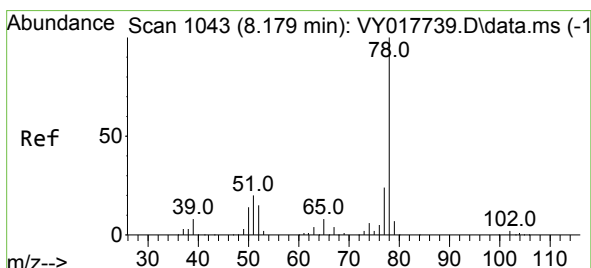
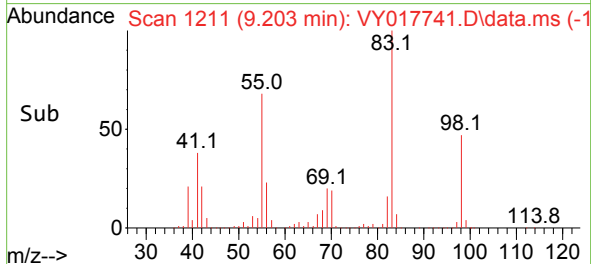
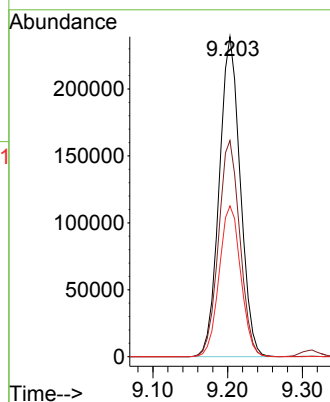
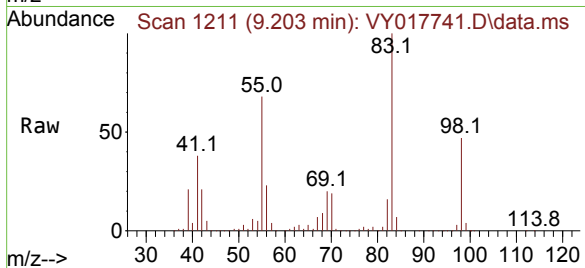
Tgt Ion: 83 Resp: 466977

Ion Ratio Lower Upper

83 100

55 67.5 51.5 77.3

98 47.1 40.5 60.7



#40

Benzene

Concen: 135.738 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY017741.D

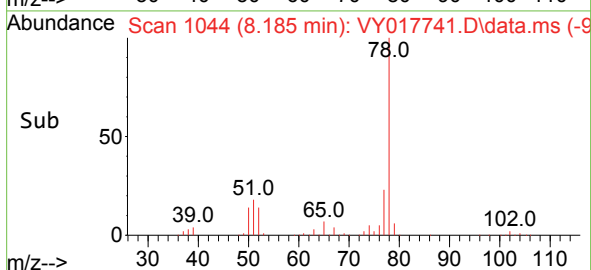
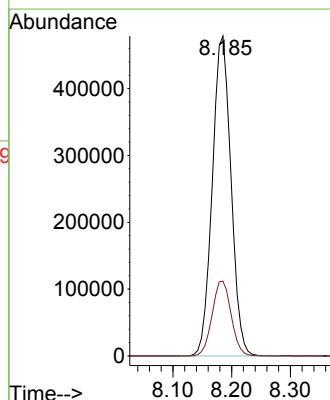
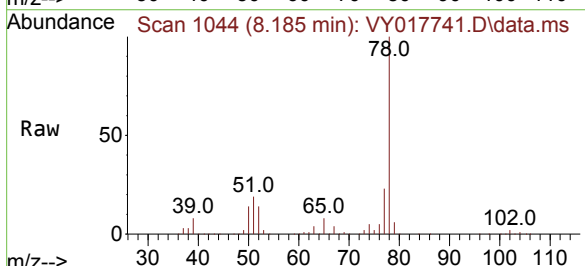
Acq: 22 Mar 2024 12:00

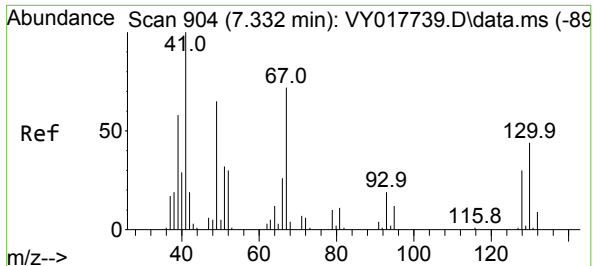
Tgt Ion: 78 Resp: 1055989

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

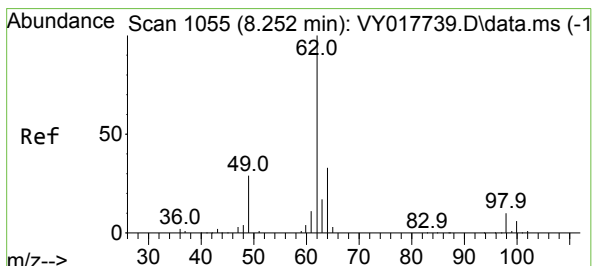
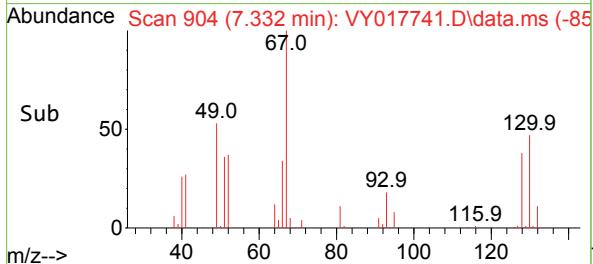
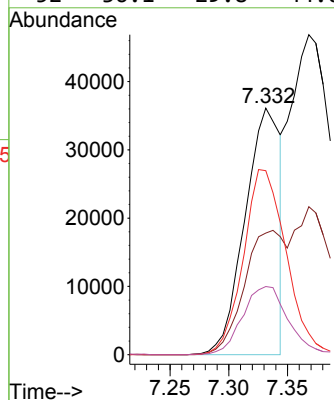
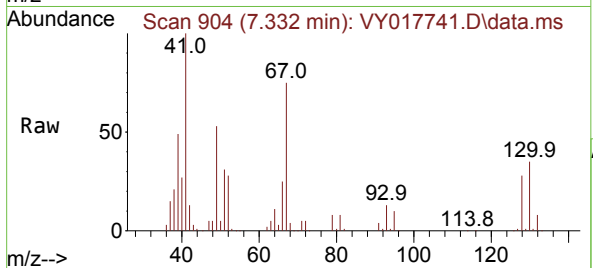




#41
Methacrylonitrile
Concen: 152.997 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

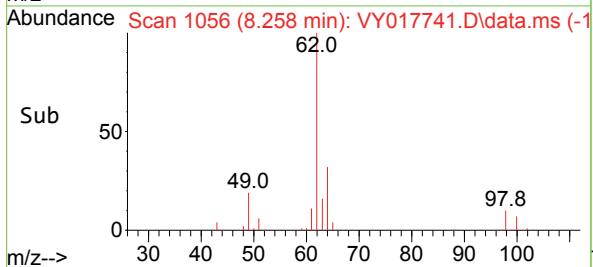
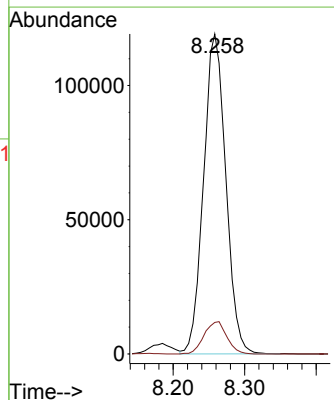
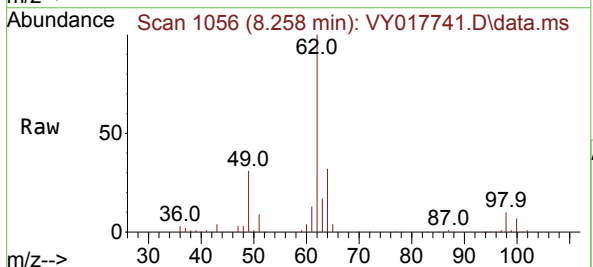
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

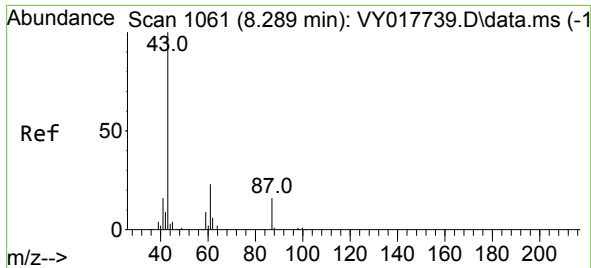
Tgt Ion:	41	Resp:	75475
Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.0	72.0
67	91.6	75.1	112.7
52	36.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 138.116 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:	62	Resp:	257363
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

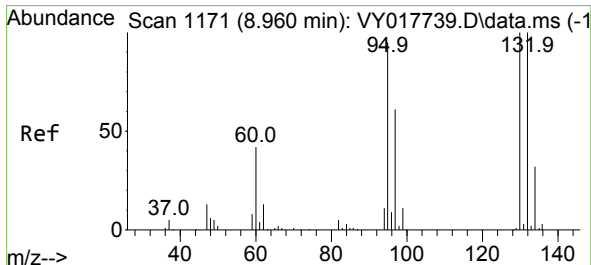
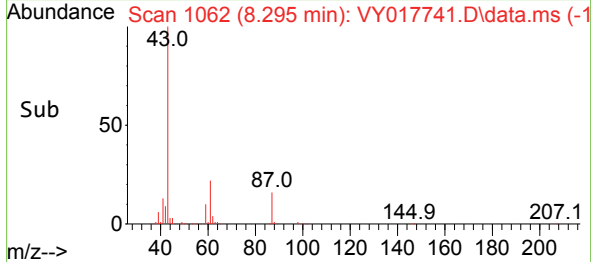
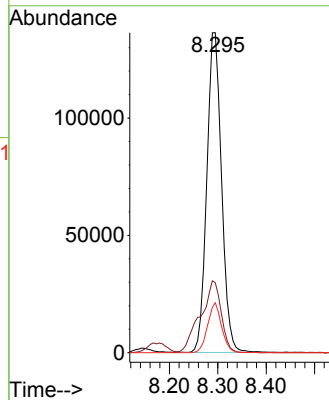
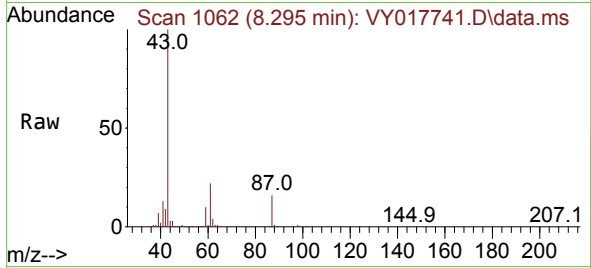




#43
Isopropyl Acetate
Concen: 144.914 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

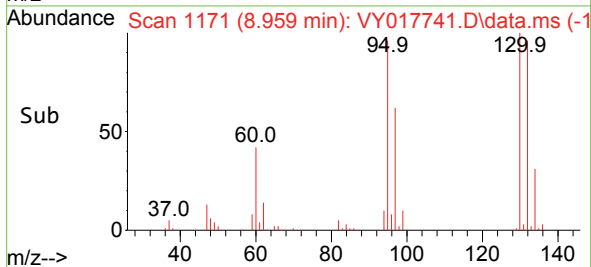
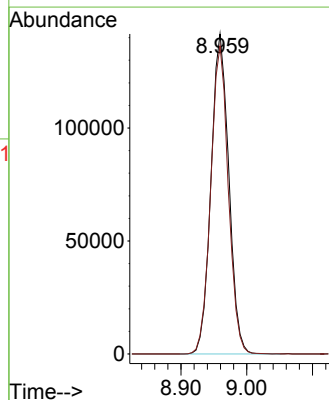
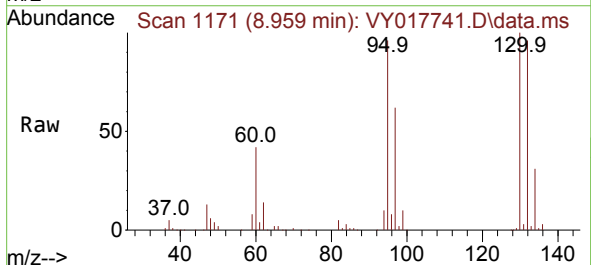
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

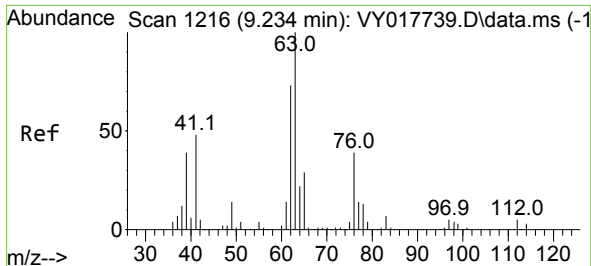
Tgt Ion: 43 Resp: 289034
Ion Ratio Lower Upper
43 100
61 31.6 27.9 41.9
87 14.8 13.1 19.7



#44
Trichloroethene
Concen: 130.971 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:130 Resp: 266512
Ion Ratio Lower Upper
130 100
95 96.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 138.640 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

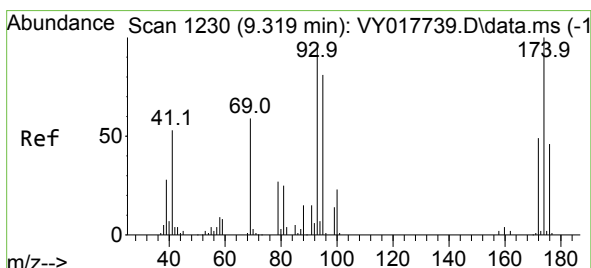
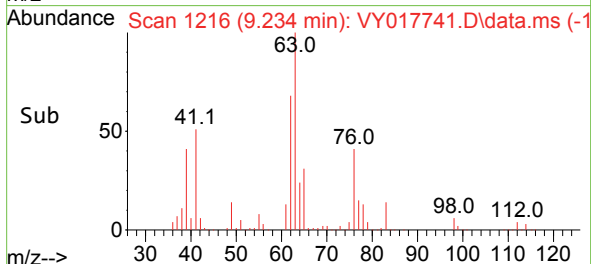
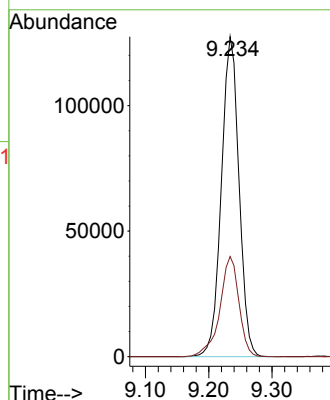
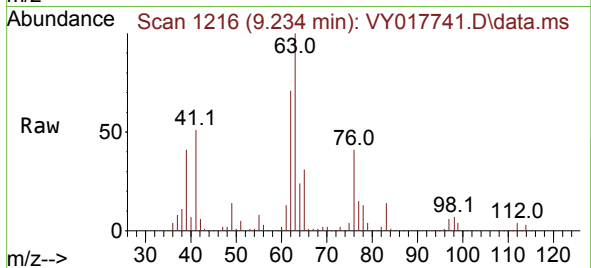
VSTDIC150

Tgt Ion: 63 Resp: 245748

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 140.124 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

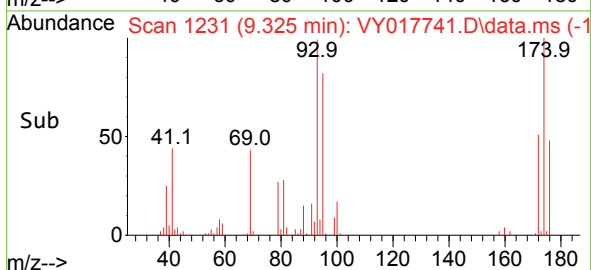
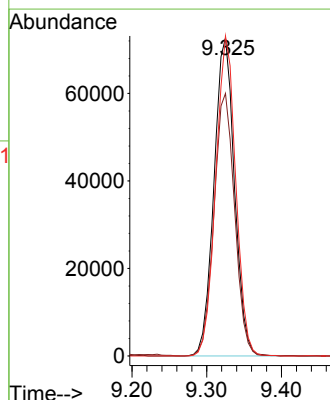
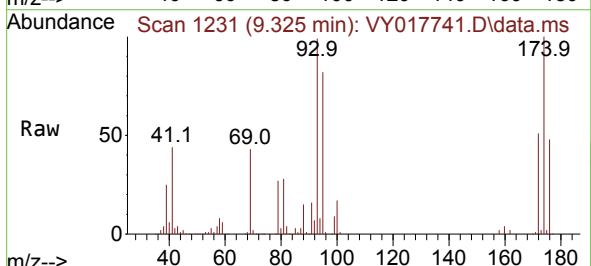
Tgt Ion: 93 Resp: 138408

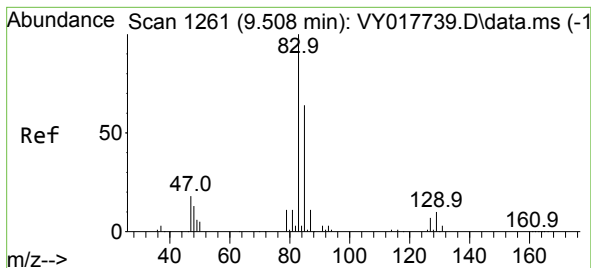
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 98.5 80.9 121.3





#47

Bromodichloromethane

Concen: 137.501 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

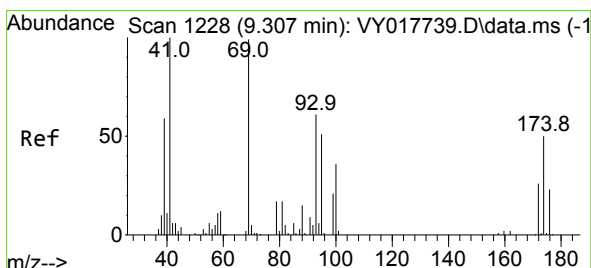
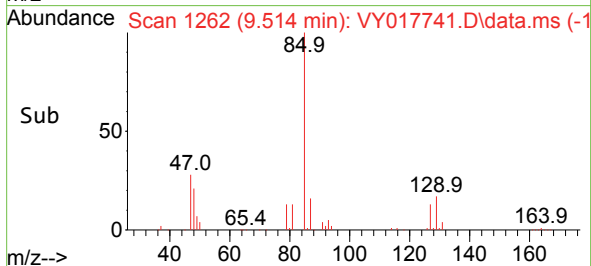
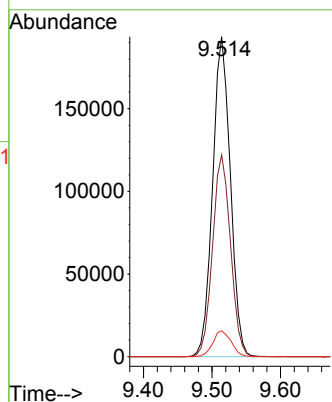
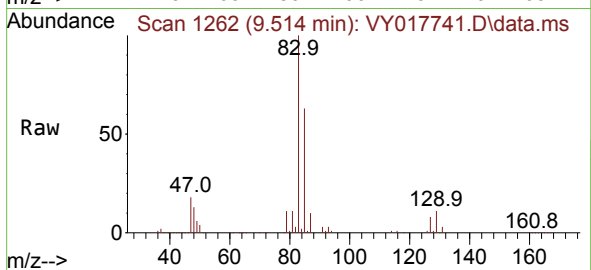
Tgt Ion: 83 Resp: 347284

Ion Ratio Lower Upper

83 100

85 63.0 50.1 75.1

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 145.528 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

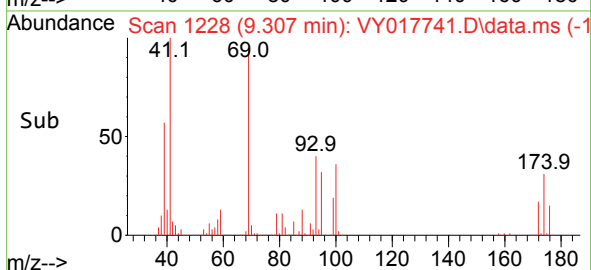
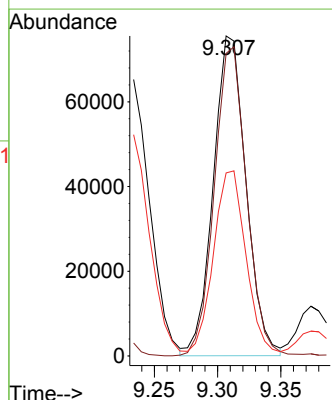
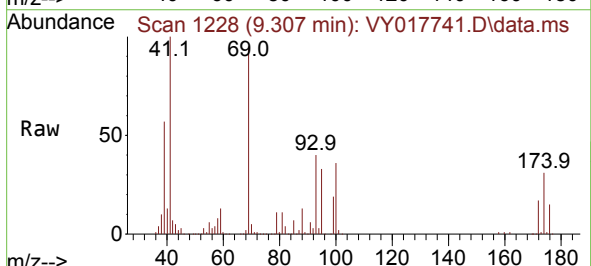
Tgt Ion: 41 Resp: 136044

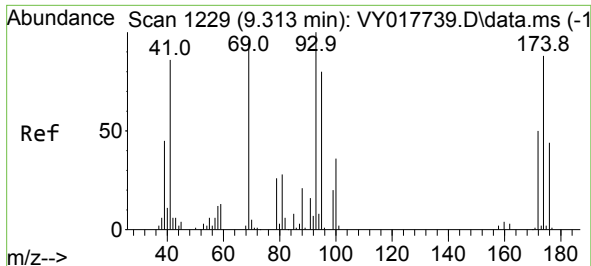
Ion Ratio Lower Upper

41 100

69 95.1 84.1 126.1

39 55.1 43.6 65.4





#49

1,4-Dioxane

Concen: 3098.515 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

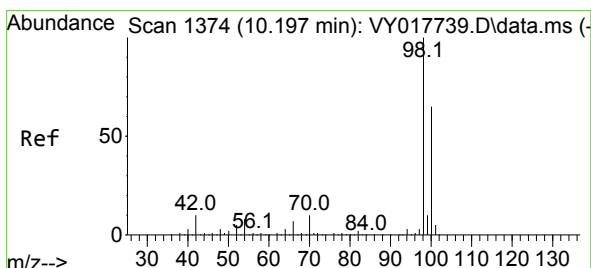
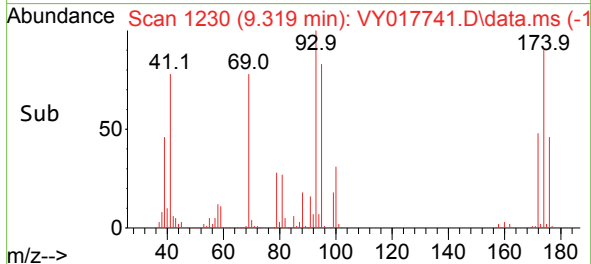
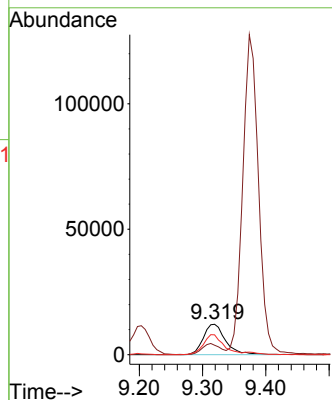
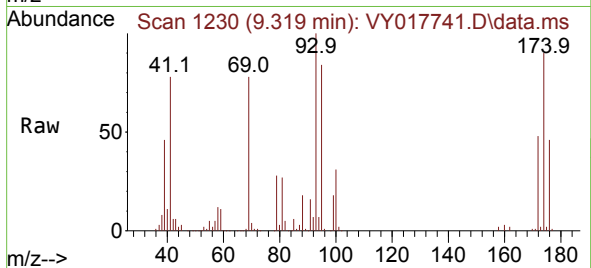
Tgt Ion: 88 Resp: 29780

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 59.2 49.3 73.9



#50

Toluene-d8

Concen: 158.108 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.000 min

Lab File: VY017741.D

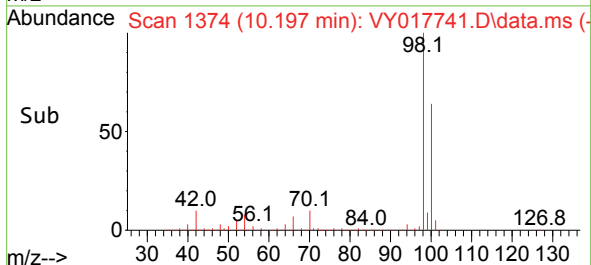
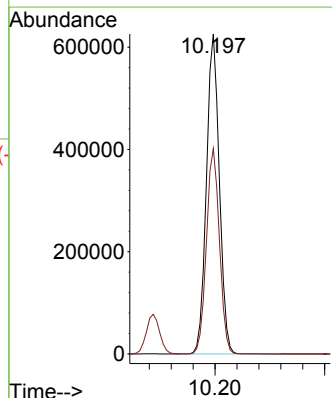
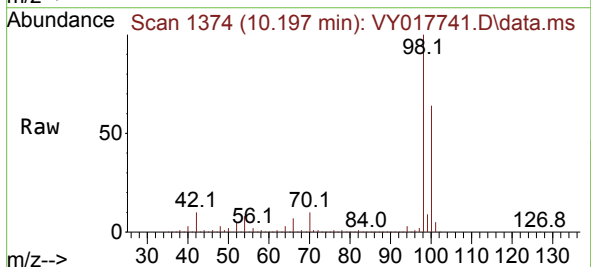
Acq: 22 Mar 2024 12:00

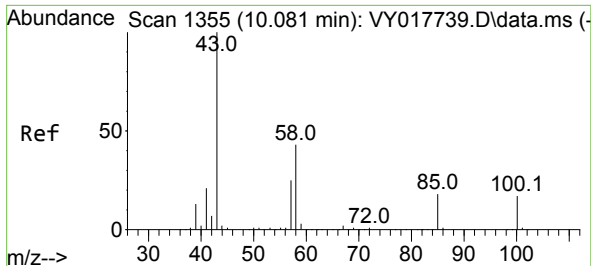
Tgt Ion: 98 Resp: 1017973

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 722.413 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

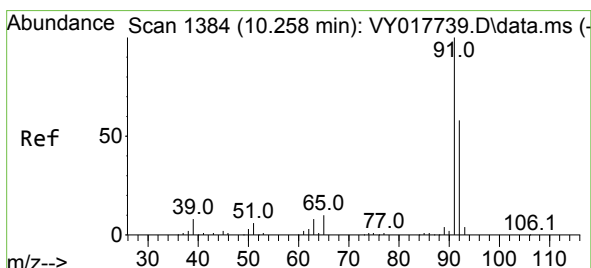
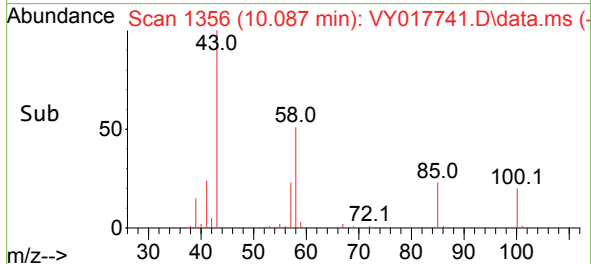
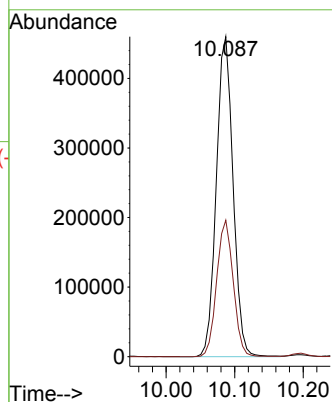
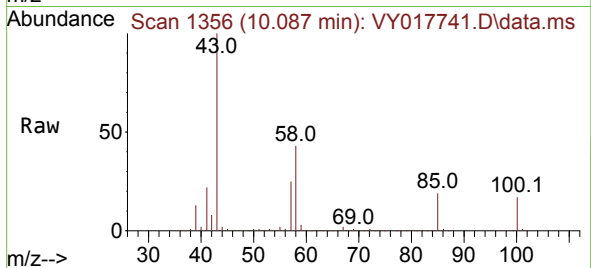
VSTDIC150

Tgt Ion: 43 Resp: 778662

Ion Ratio Lower Upper

43 100

58 42.3 35.7 53.5



#52

Toluene

Concen: 139.049 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY017741.D

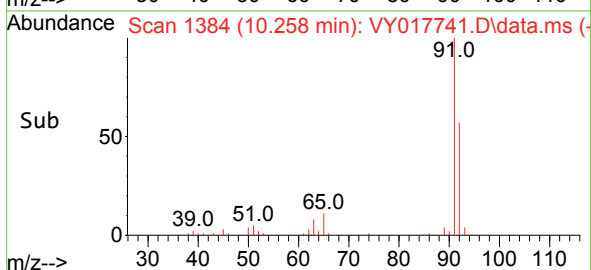
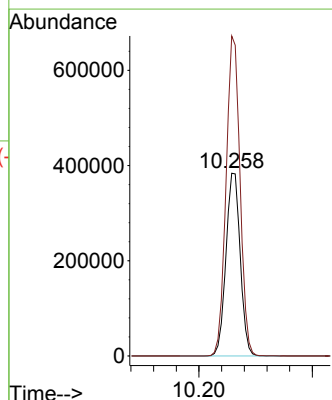
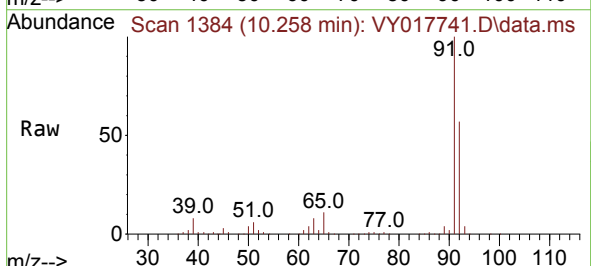
Acq: 22 Mar 2024 12:00

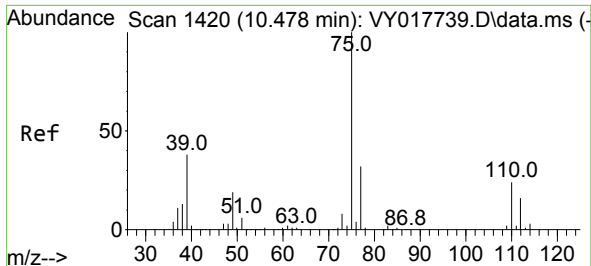
Tgt Ion: 92 Resp: 668448

Ion Ratio Lower Upper

92 100

91 171.3 139.0 208.6

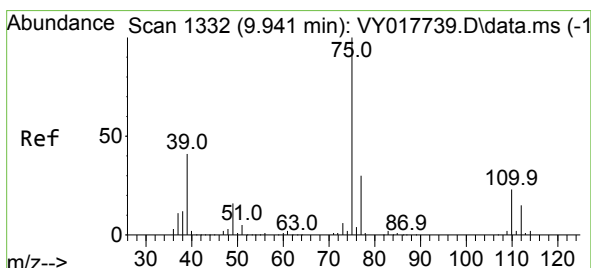
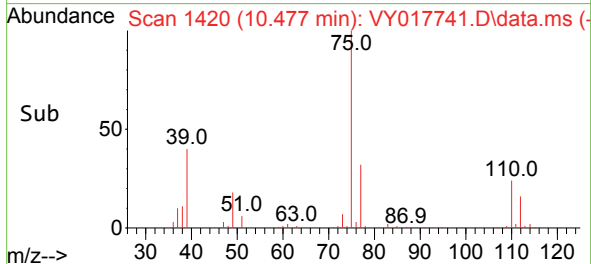
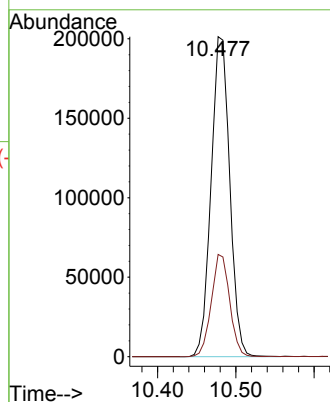
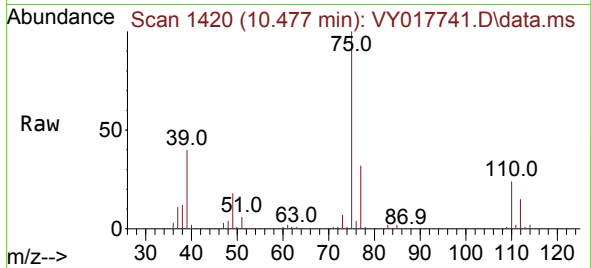




#53
t-1,3-Dichloropropene
Concen: 150.848 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

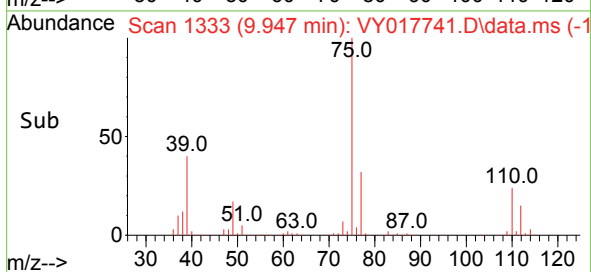
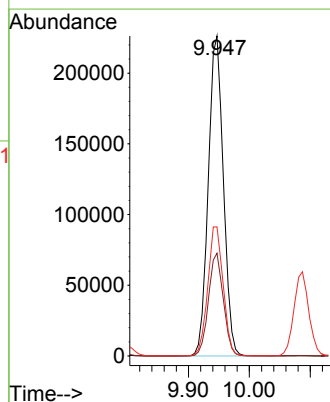
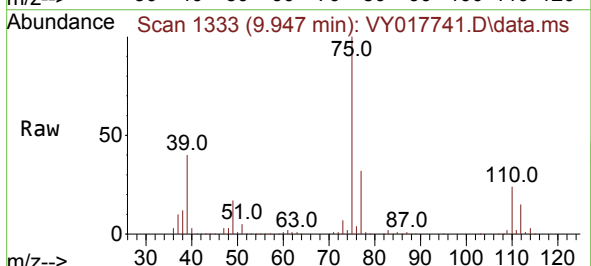
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

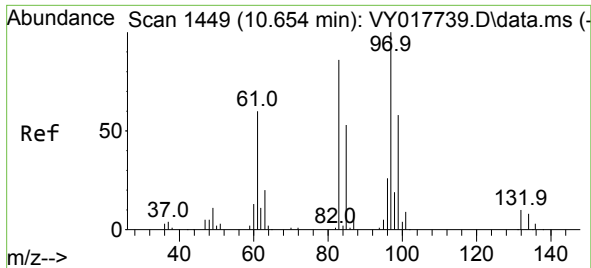
Tgt Ion: 75 Resp: 333198
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 144.288 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 75 Resp: 389328
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 40.3 29.8 44.6



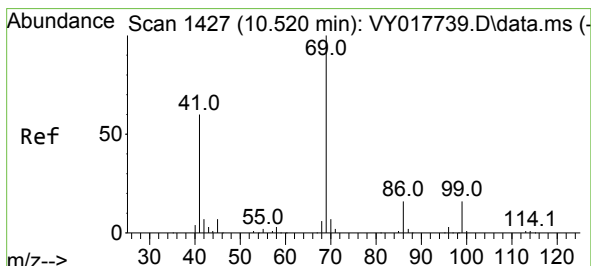
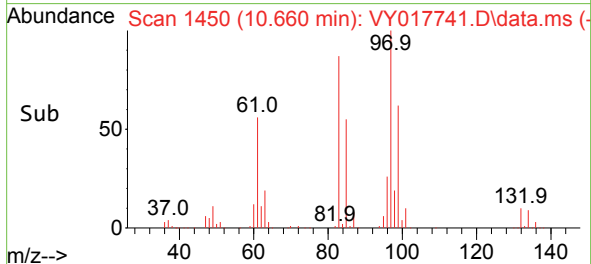
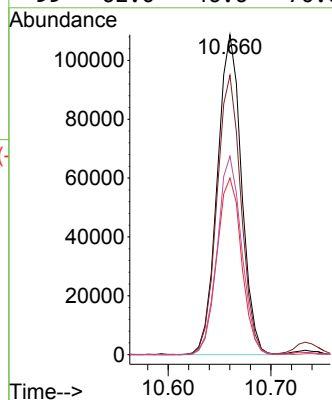
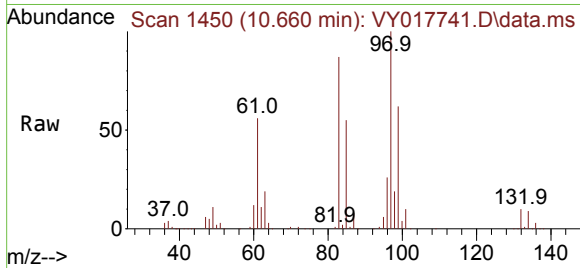


#55
1,1,2-Trichloroethane
Concen: 140.507 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 177542

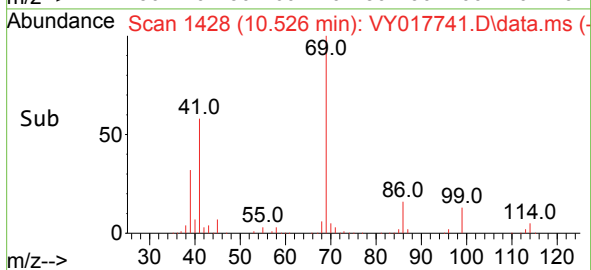
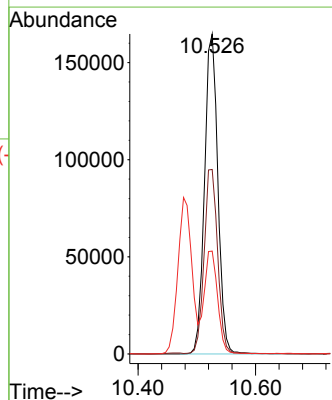
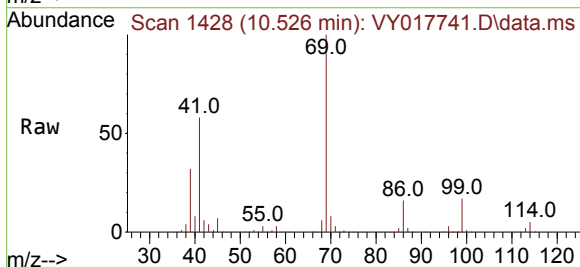
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.5	101.3
85	55.2	42.9	64.3
99	62.0	46.6	70.0

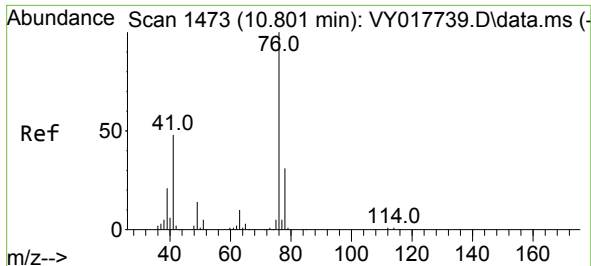


#56
Ethyl methacrylate
Concen: 143.976 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 69 Resp: 260238

Ion	Ratio	Lower	Upper
69	100		
41	58.2	42.3	63.5
39	32.5	22.9	34.3





#57

1,3-Dichloropropane

Concen: 142.732 ug/l

RT: 10.806 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

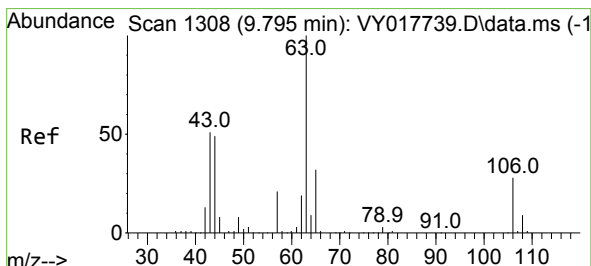
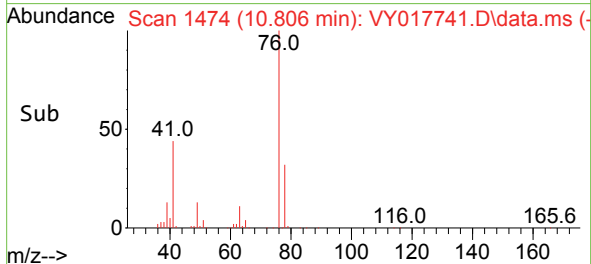
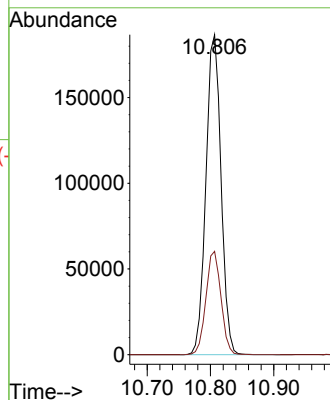
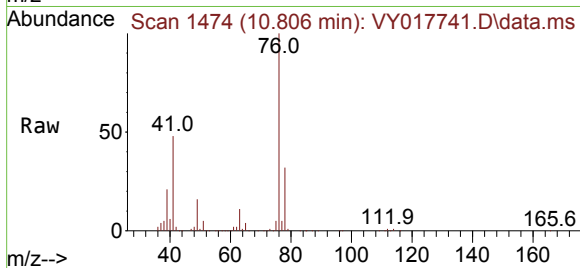
VSTDIC150

Tgt Ion: 76 Resp: 310651

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 736.380 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY017741.D

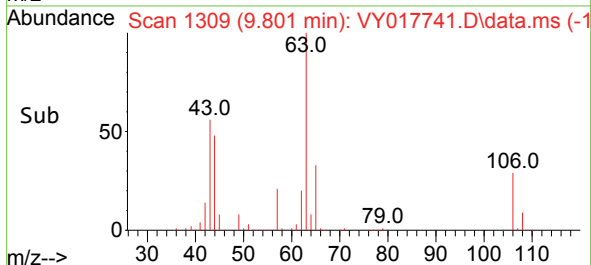
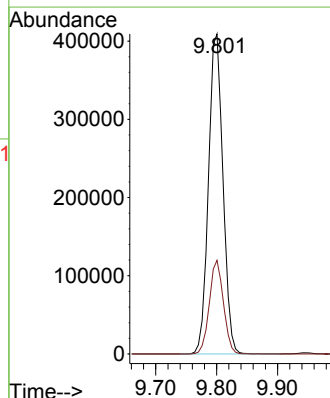
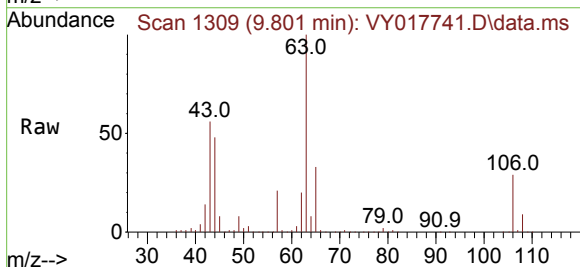
Acq: 22 Mar 2024 12:00

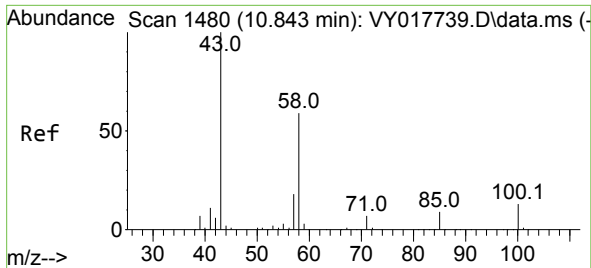
Tgt Ion: 63 Resp: 675489

Ion Ratio Lower Upper

63 100

106 28.5 23.7 35.5

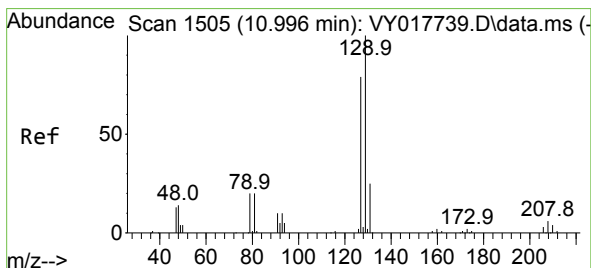
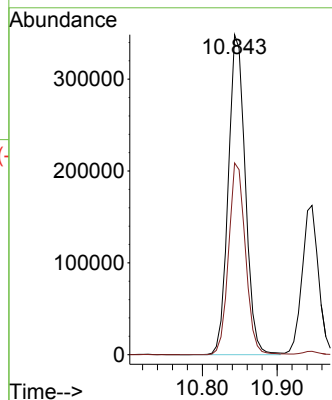
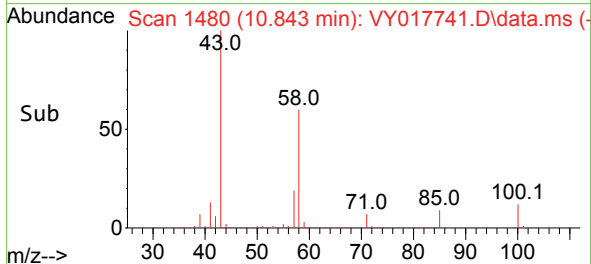
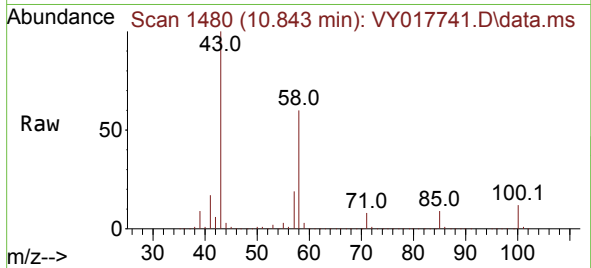




#59
2-Hexanone
Concen: 718.850 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

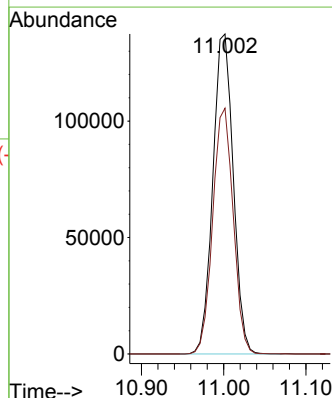
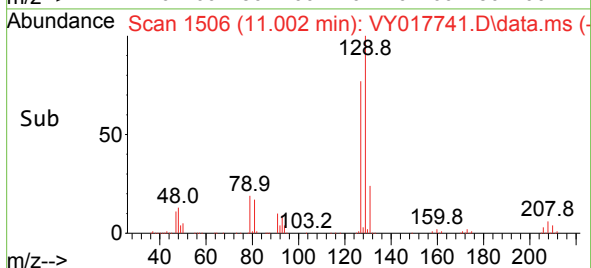
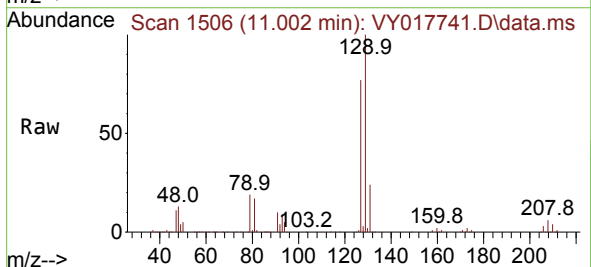
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

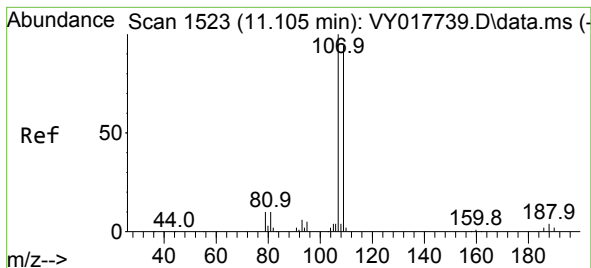
Tgt Ion: 43 Resp: 550731
Ion Ratio Lower Upper
43 100
58 59.3 31.4 94.0



#60
Dibromochloromethane
Concen: 140.189 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 129 Resp: 236942
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

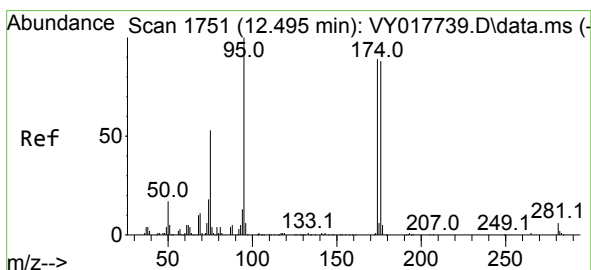
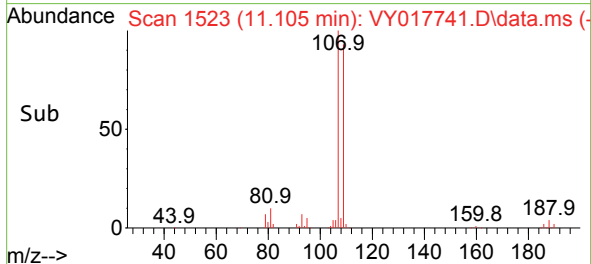
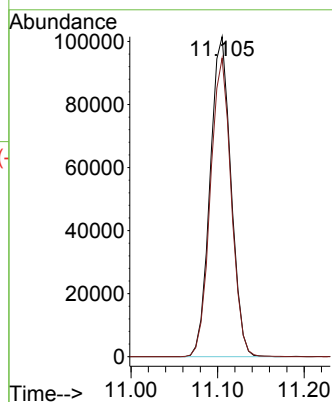
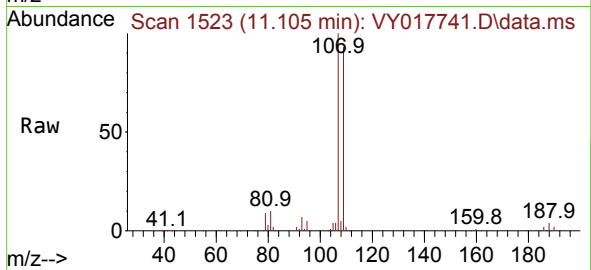




#61
1,2-Dibromoethane
Concen: 143.338 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

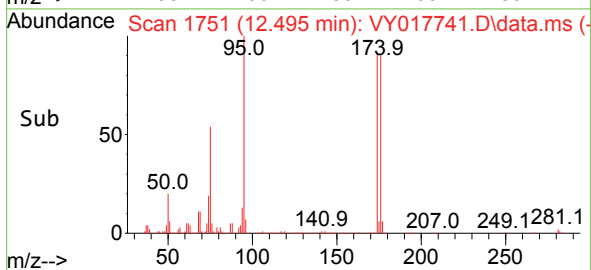
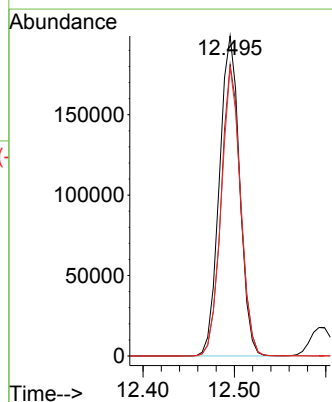
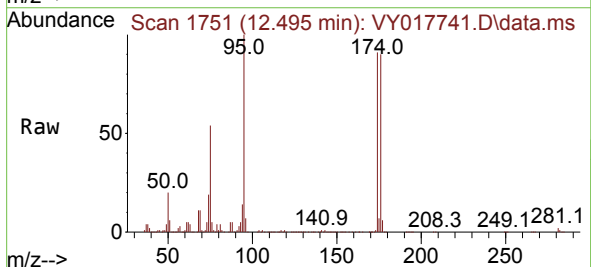
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

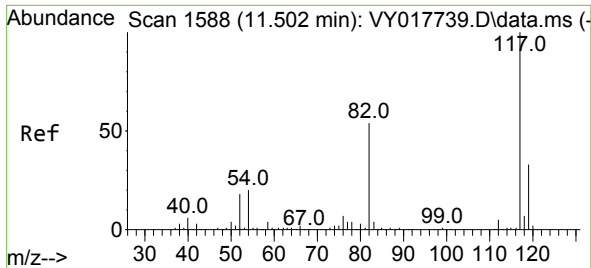
Tgt Ion:107 Resp: 170041
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 158.292 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 95 Resp: 306034
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 86.1 0.0 171.4

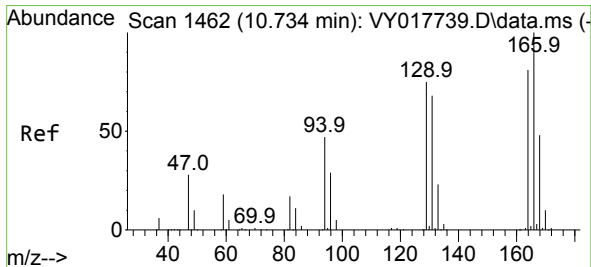
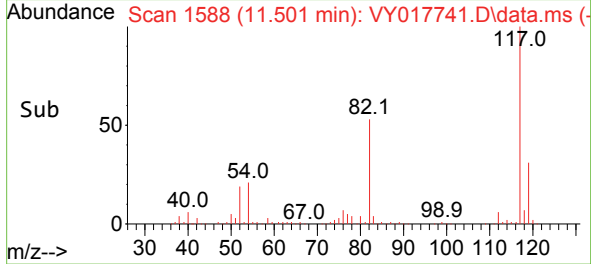
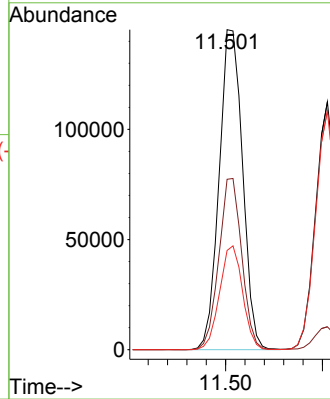
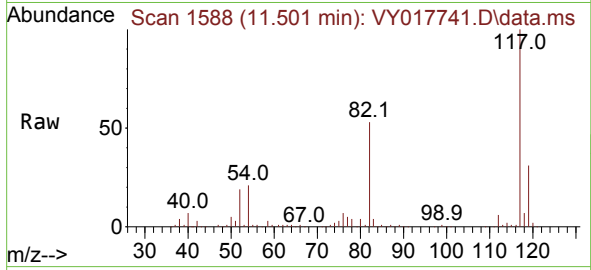




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

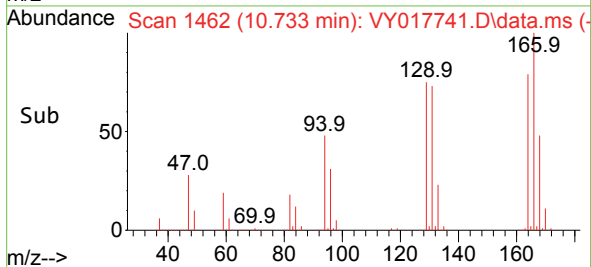
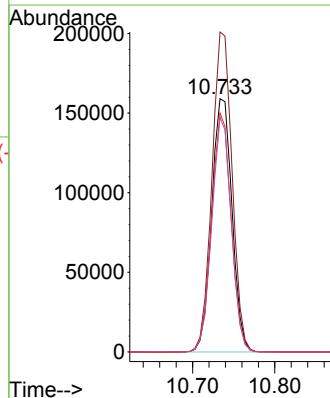
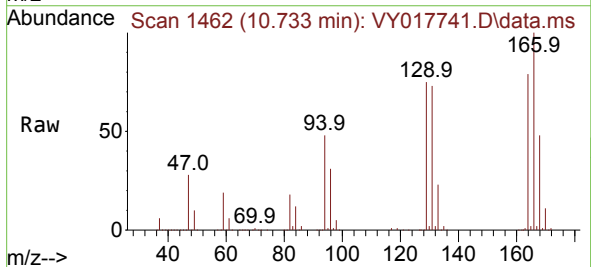
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

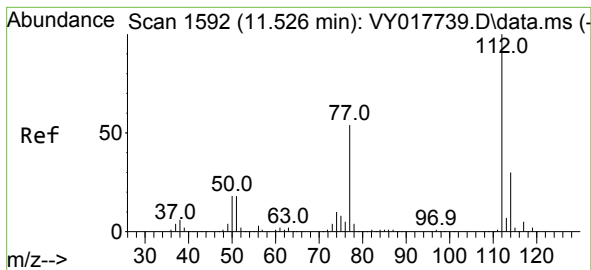
Tgt Ion:117 Resp: 244430
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 120.284 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:164 Resp: 271897
Ion Ratio Lower Upper
164 100
166 126.4 102.6 154.0
129 94.4 72.0 108.0
131 92.6 70.0 105.0

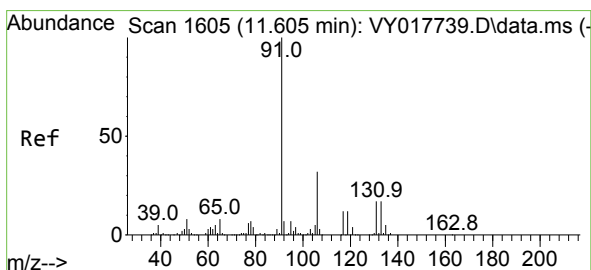
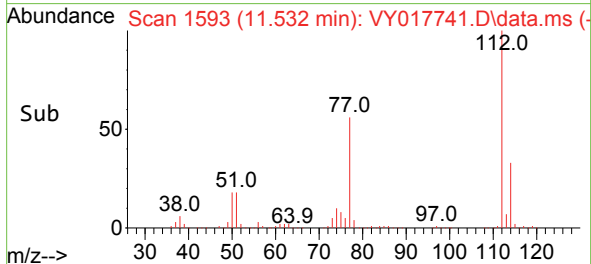
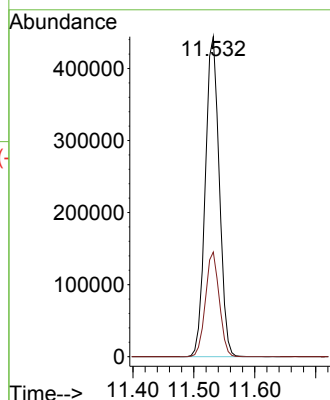
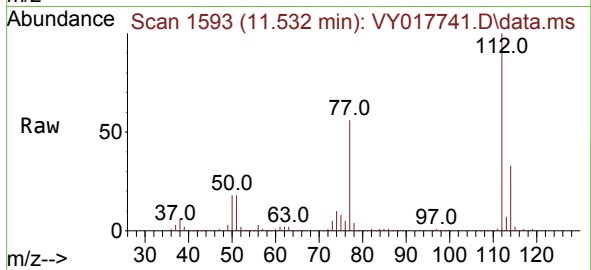




#65
Chlorobenzene
Concen: 134.266 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

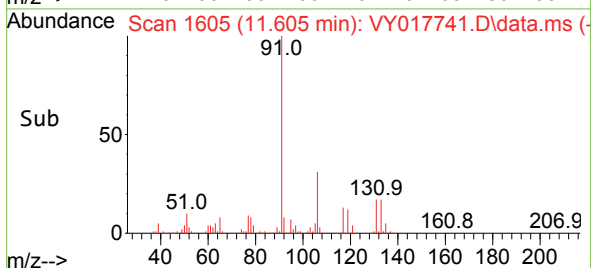
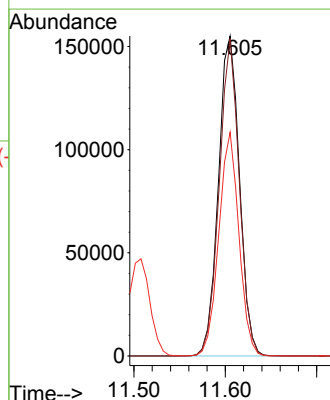
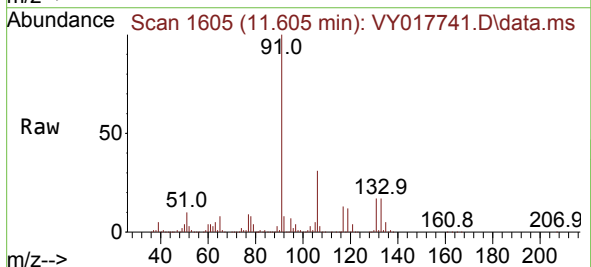
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

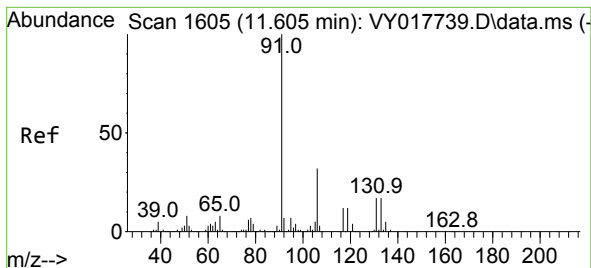
Tgt Ion:112 Resp: 706455
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 141.135 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:131 Resp: 247986
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 142.314 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

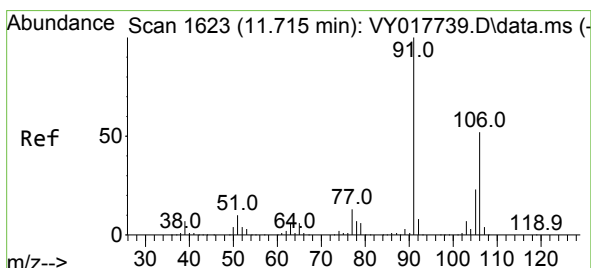
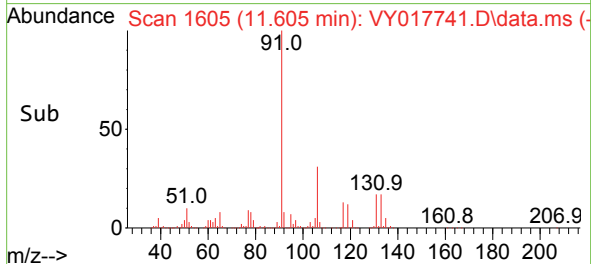
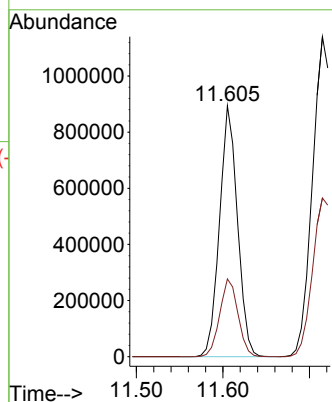
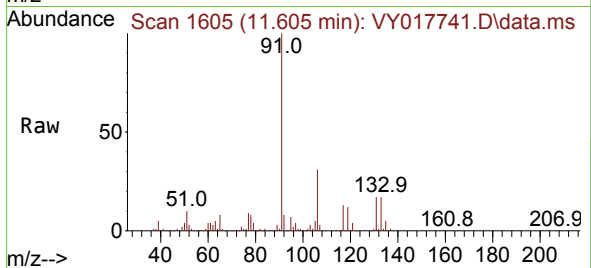
VSTDIC150

Tgt Ion: 91 Resp: 1286025

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 286.940 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017741.D

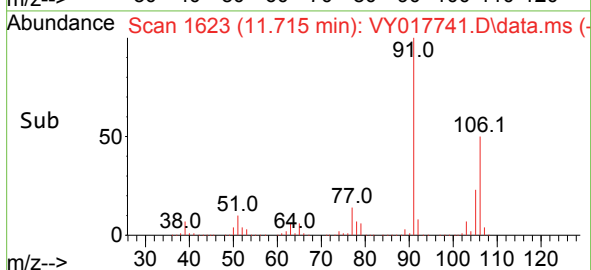
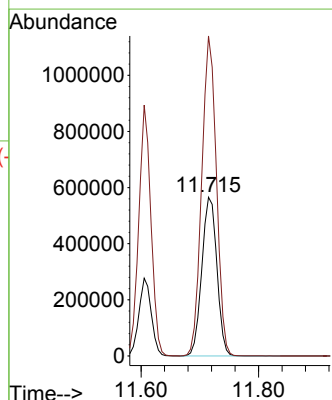
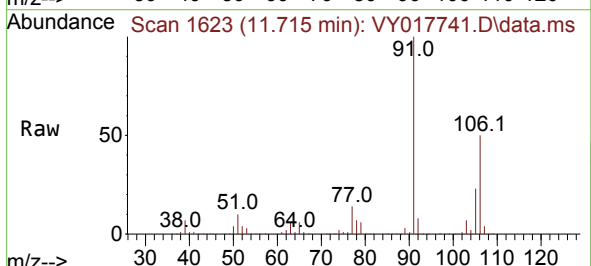
Acq: 22 Mar 2024 12:00

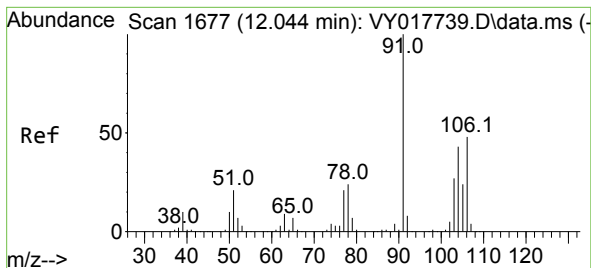
Tgt Ion:106 Resp: 1005860

Ion Ratio Lower Upper

106 100

91 196.6 156.0 234.0





#69

o-Xylene

Concen: 146.185 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

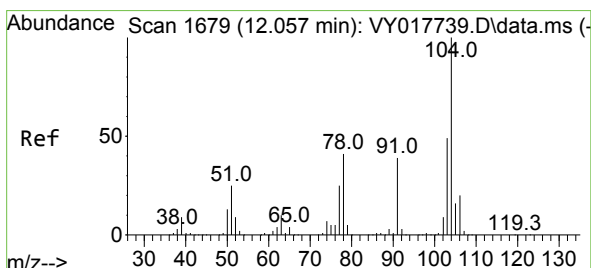
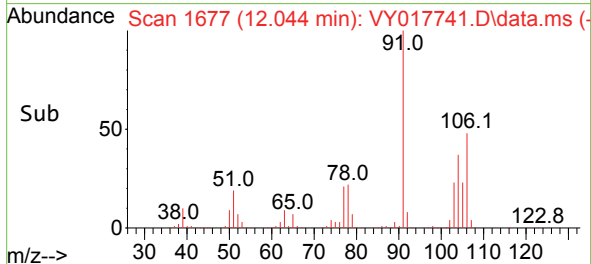
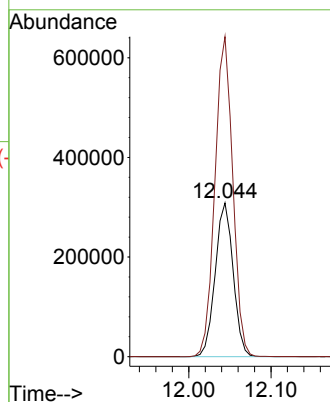
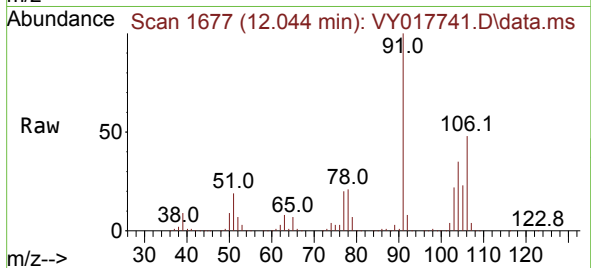
VSTDIC150

Tgt Ion:106 Resp: 467855

Ion Ratio Lower Upper

106 100

91 207.1 103.6 310.8



#70

Styrene

Concen: 151.545 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

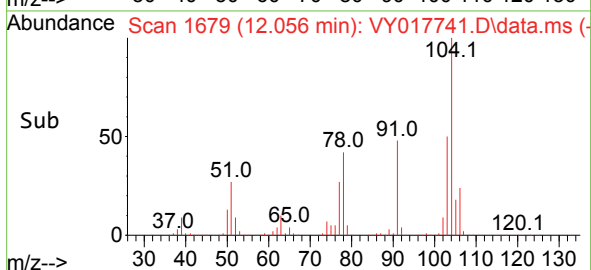
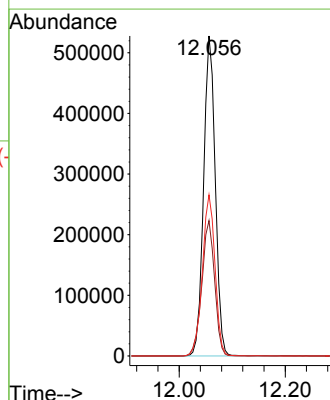
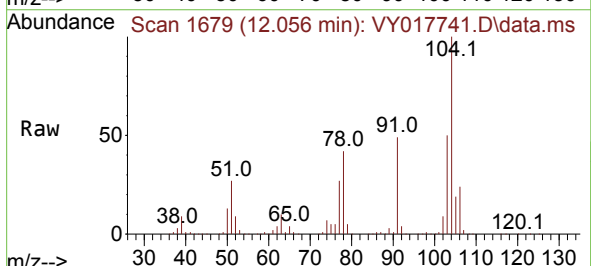
Tgt Ion:104 Resp: 807214

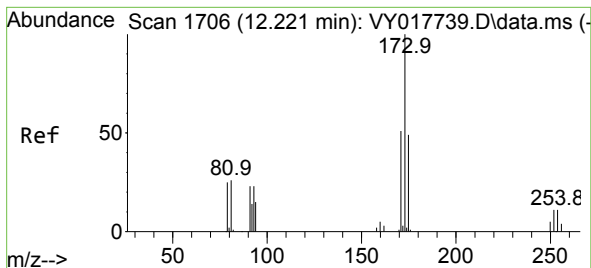
Ion Ratio Lower Upper

104 100

78 46.4 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 145.516 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

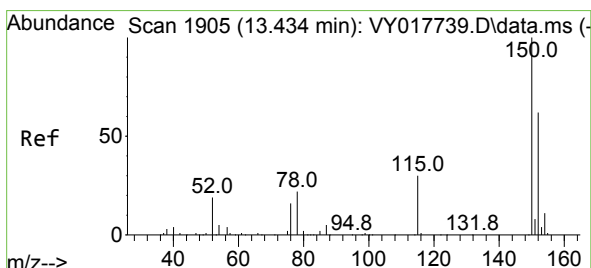
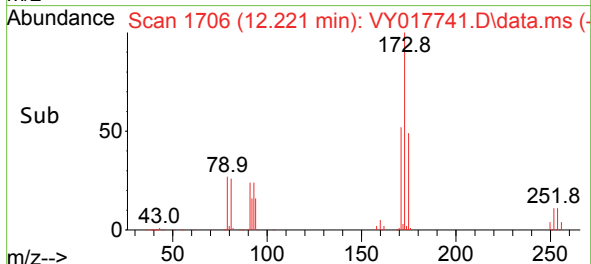
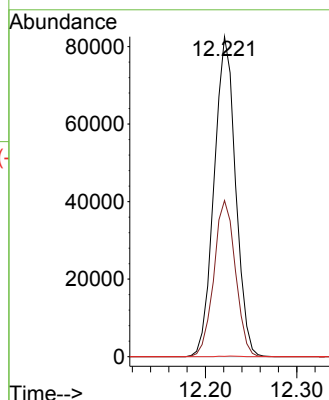
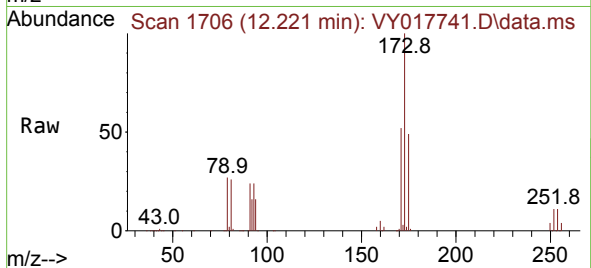
Tgt Ion:173 Resp: 134656

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.2 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: VY017741.D

Acq: 22 Mar 2024 12:00

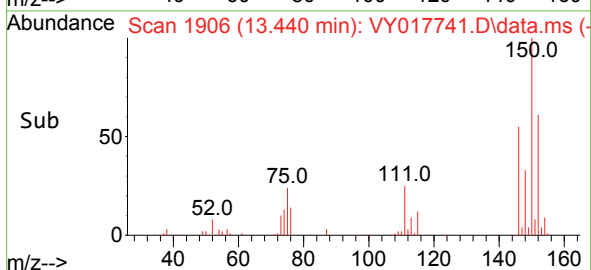
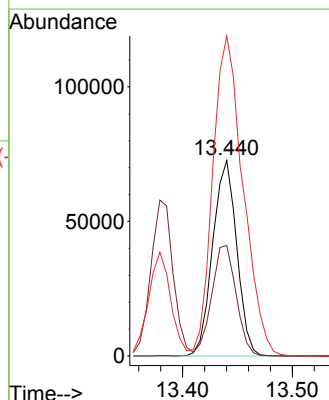
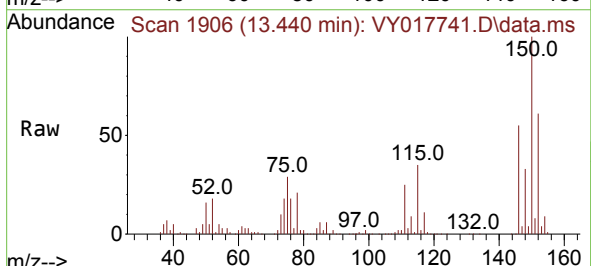
Tgt Ion:152 Resp: 110650

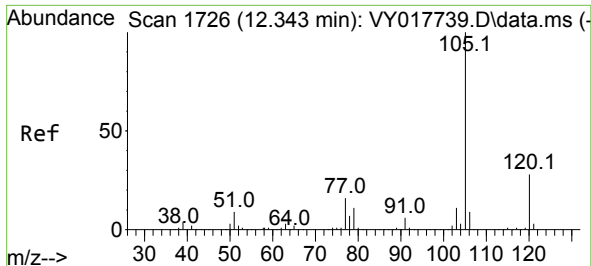
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 206.4 0.0 345.6

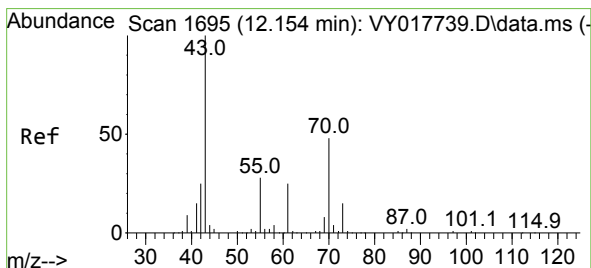
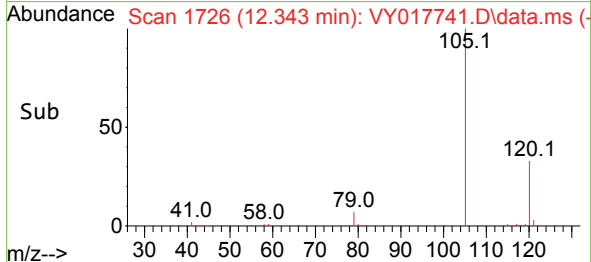
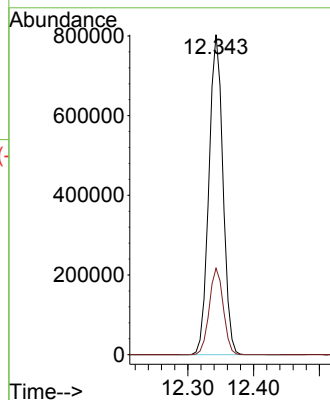
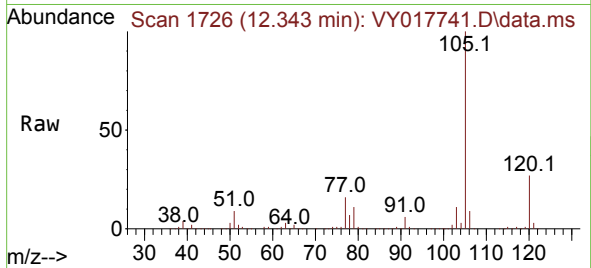




#73
Isopropylbenzene
Concen: 142.464 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

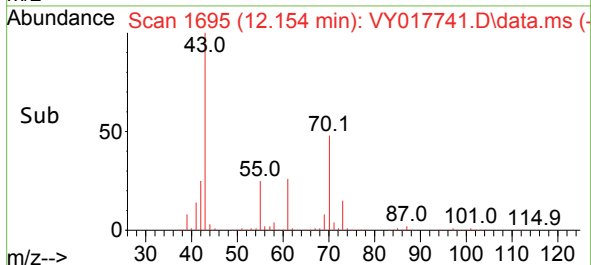
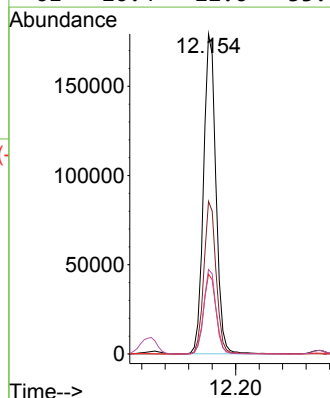
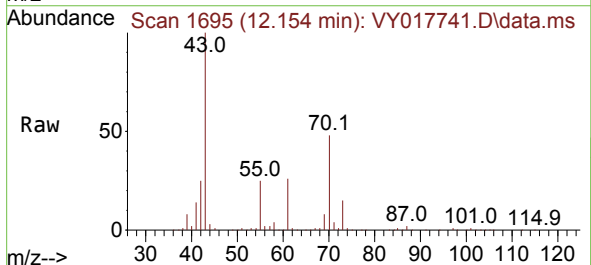
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

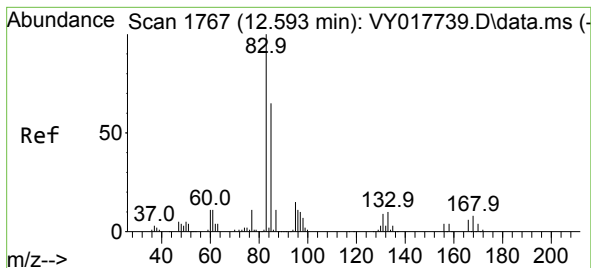
Tgt Ion:105 Resp: 1190306
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 148.061 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 43 Resp: 262461
Ion Ratio Lower Upper
43 100
70 47.4 41.4 62.2
55 25.6 23.3 34.9
61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 151.225 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

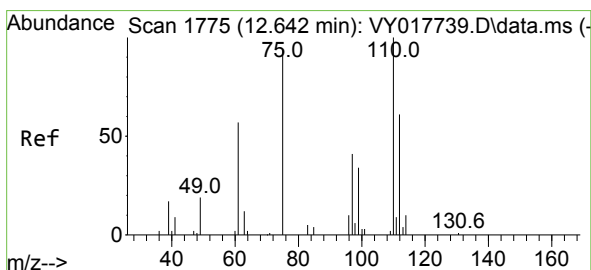
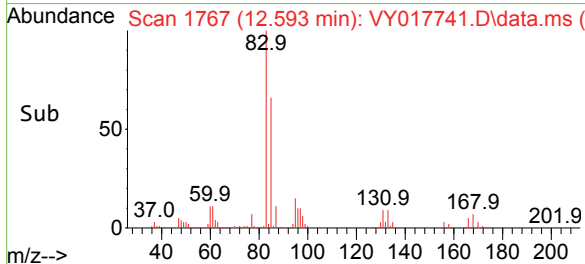
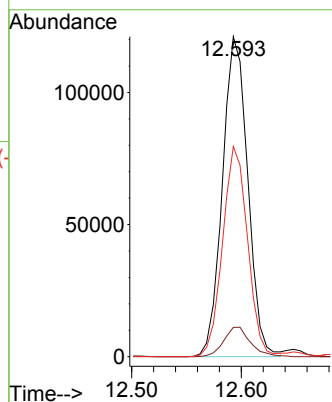
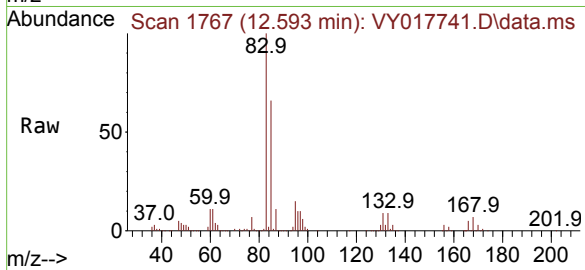
Tgt Ion: 83 Resp: 194546

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 248.910 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017741.D

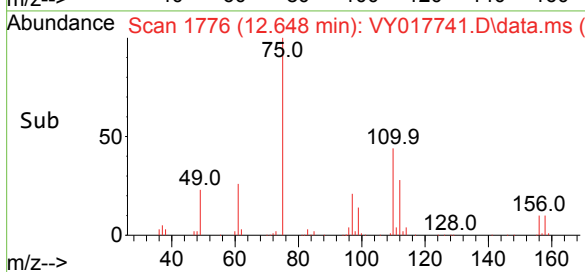
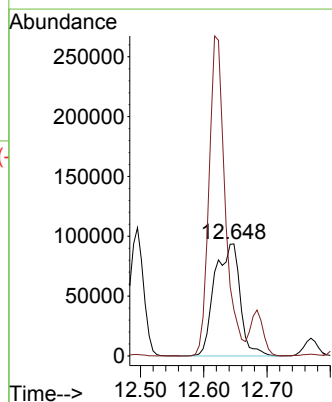
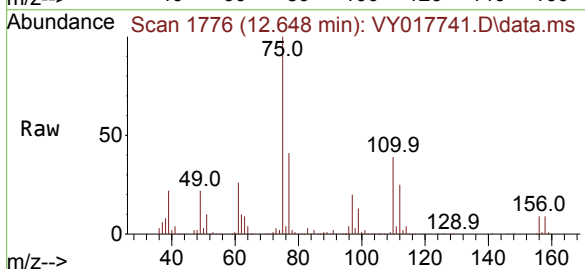
Acq: 22 Mar 2024 12:00

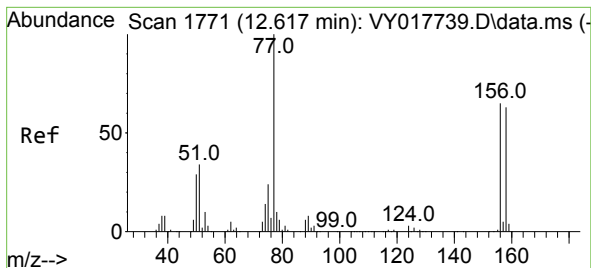
Tgt Ion: 75 Resp: 261018

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 140.748 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

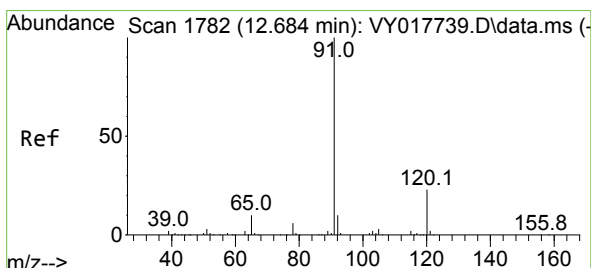
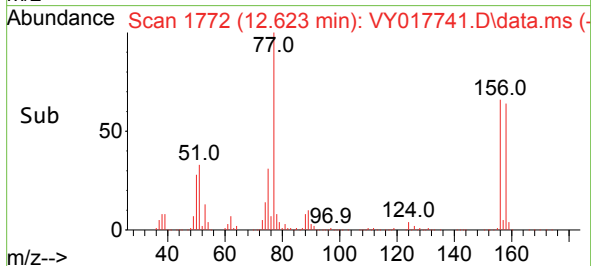
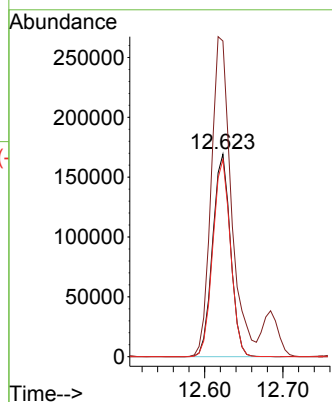
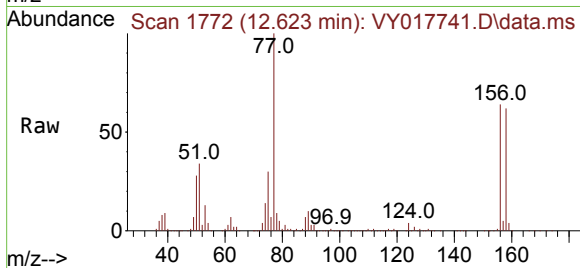
Tgt Ion:156 Resp: 267737

Ion Ratio Lower Upper

156 100

77 178.0 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 140.771 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY017741.D

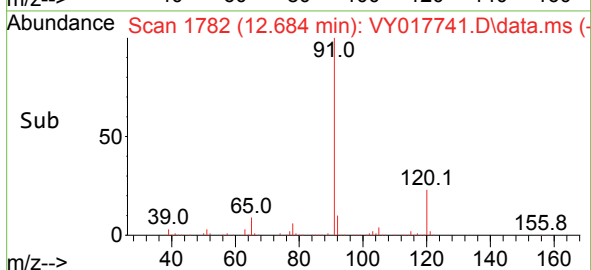
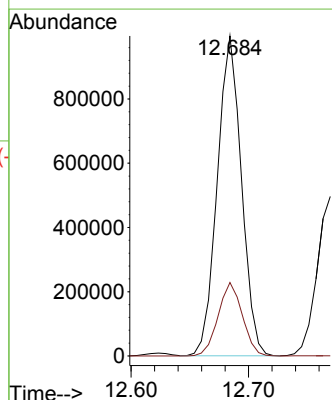
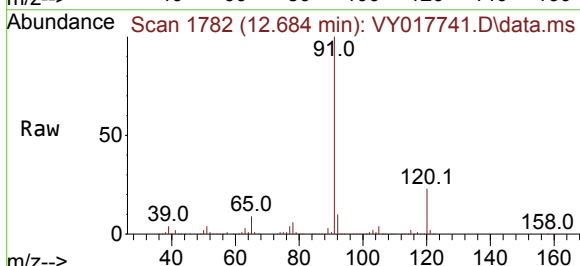
Acq: 22 Mar 2024 12:00

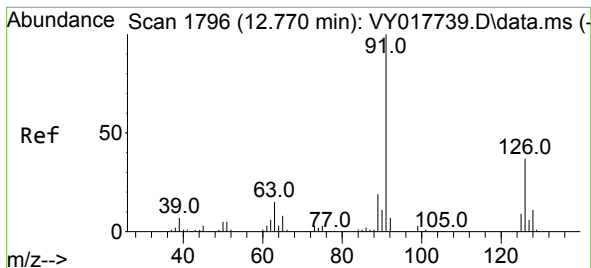
Tgt Ion: 91 Resp: 1423782

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

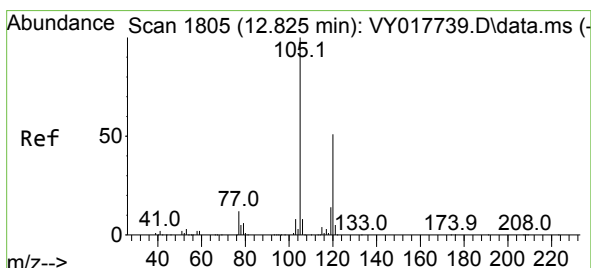
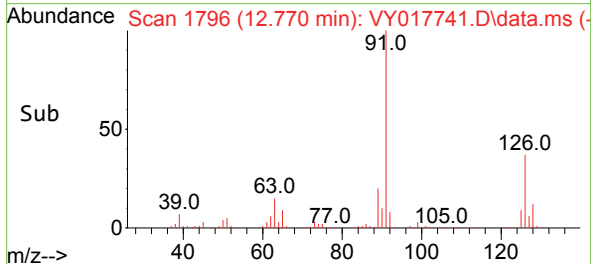
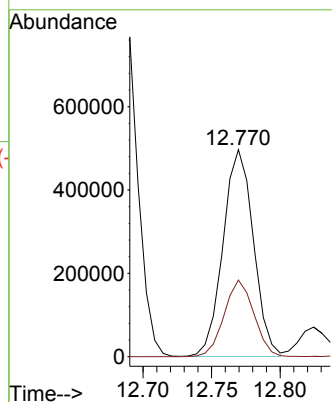
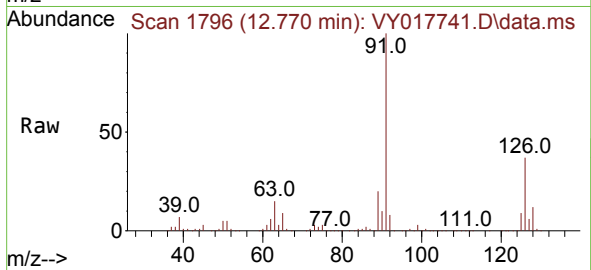




#79
2-Chlorotoluene
Concen: 138.052 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

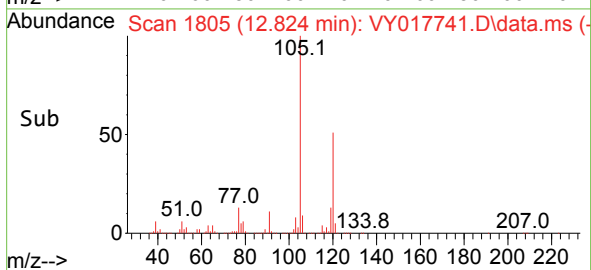
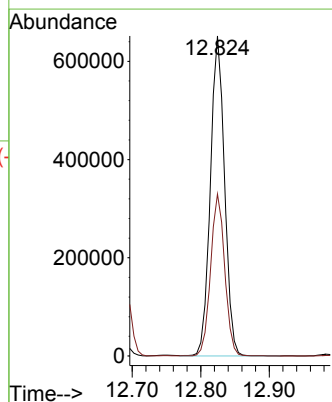
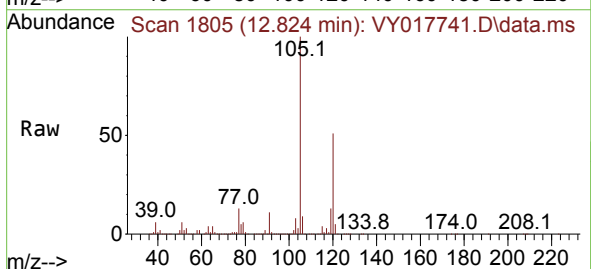
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

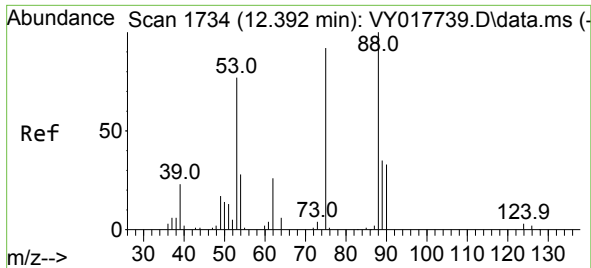
Tgt Ion: 91 Resp: 765698
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 143.463 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion: 105 Resp: 938334
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

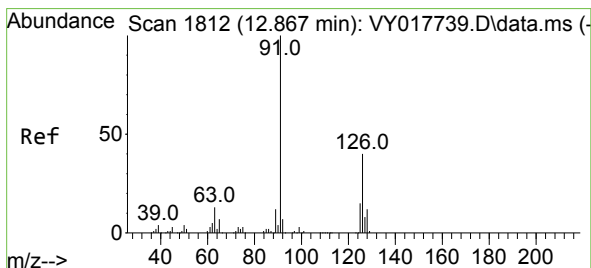
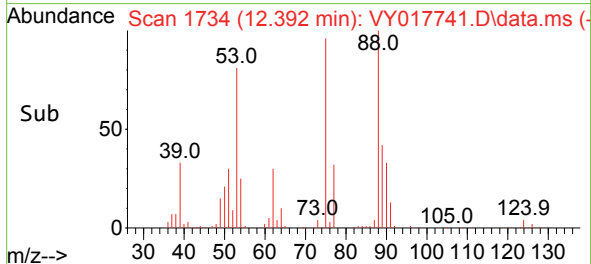
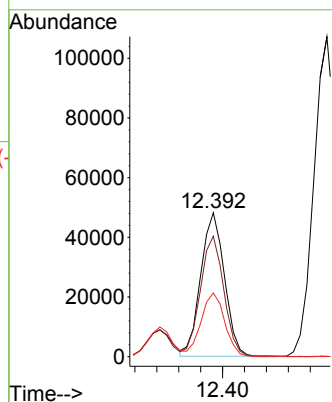
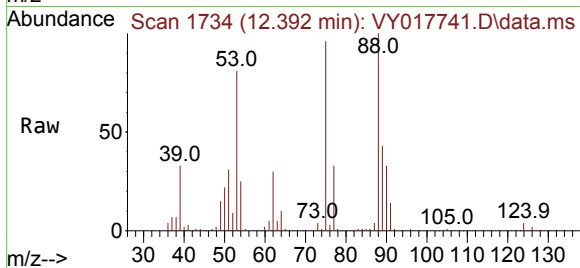




#81
trans-1,4-Dichloro-2-butene
Concen: 163.260 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

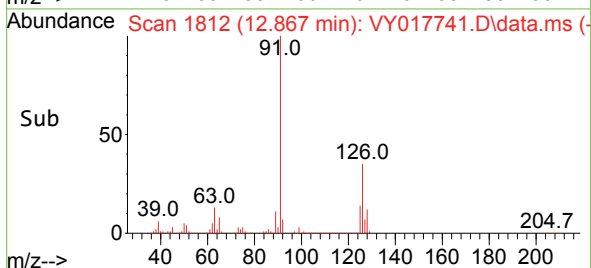
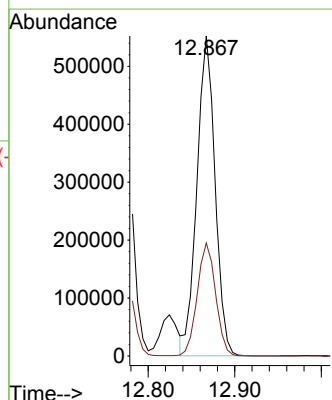
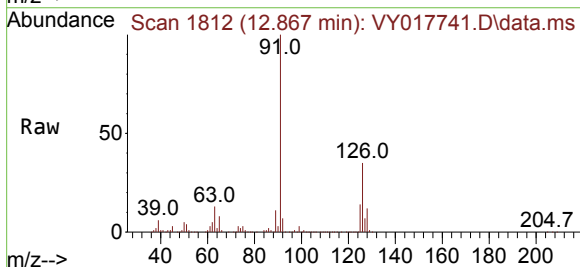
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

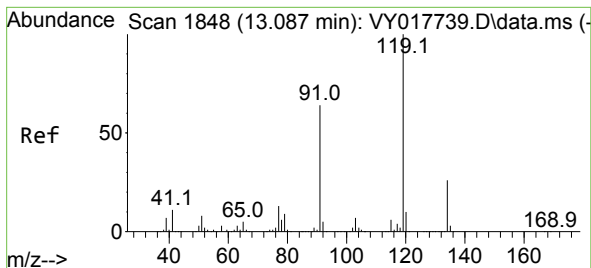
Tgt Ion:	75	Resp:	72193
Ion	Ratio	Lower	Upper
75	100		
53	84.0	66.8	100.2
89	44.0	35.8	53.6



#82
4-Chlorotoluene
Concen: 141.151 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017741.D
Acq: 22 Mar 2024 12:00

Tgt Ion:	91	Resp:	803261
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 139.908 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

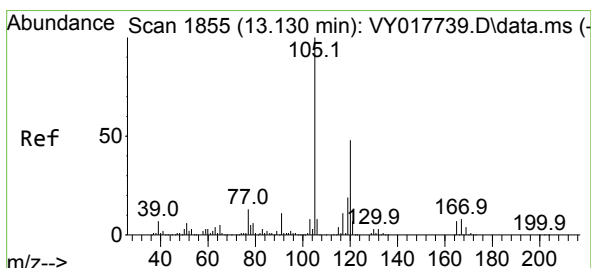
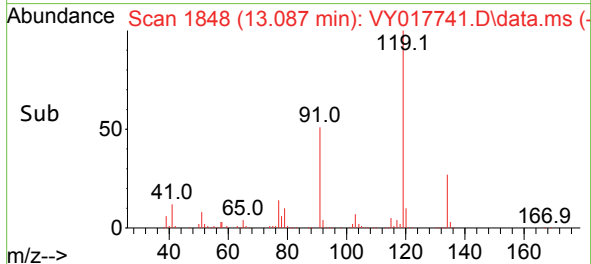
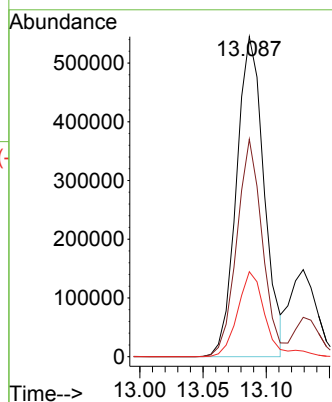
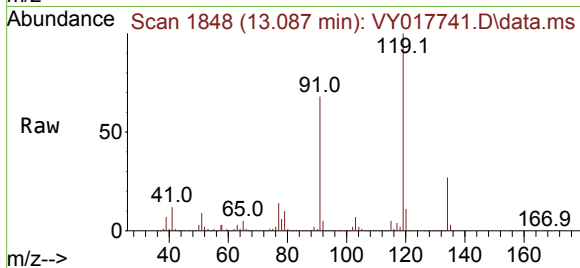
Tgt Ion:119 Resp: 828098

Ion Ratio Lower Upper

119 100

91 63.7 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 144.028 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017741.D

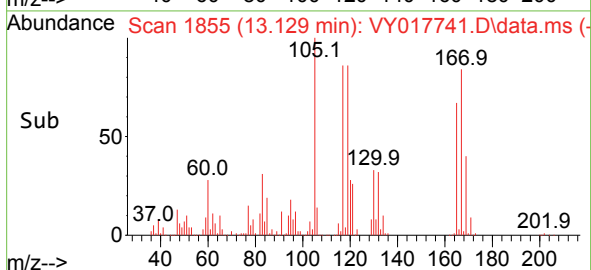
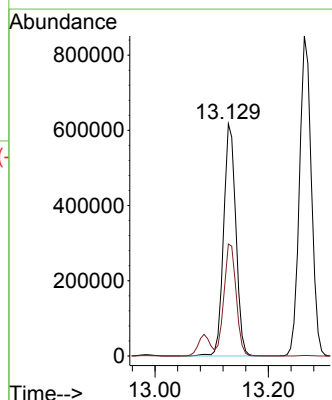
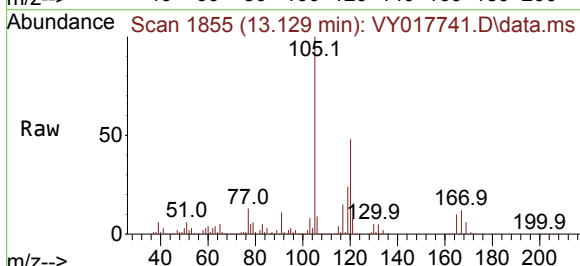
Acq: 22 Mar 2024 12:00

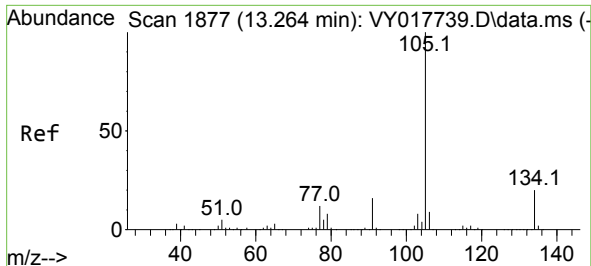
Tgt Ion:105 Resp: 923517

Ion Ratio Lower Upper

105 100

120 48.1 23.2 69.6

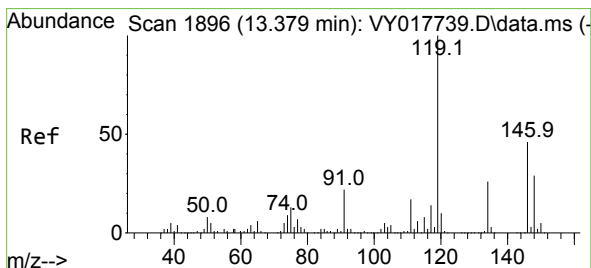
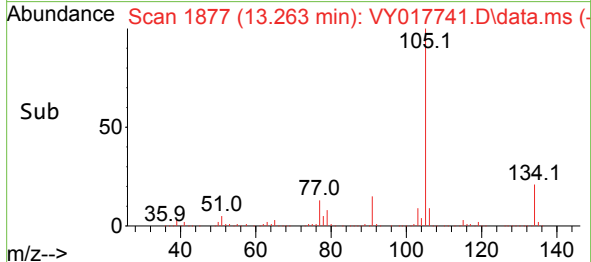
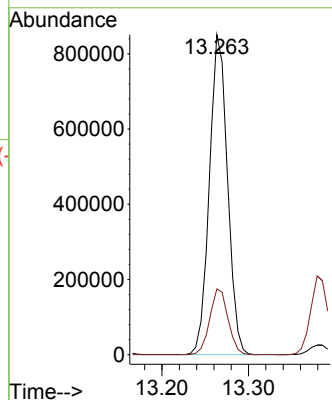
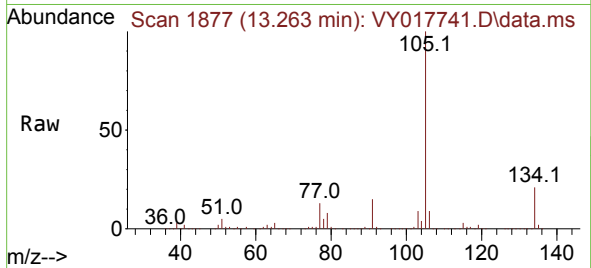




#85
 sec-Butylbenzene
 Concen: 139.263 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY017741.D
 Acq: 22 Mar 2024 12:00

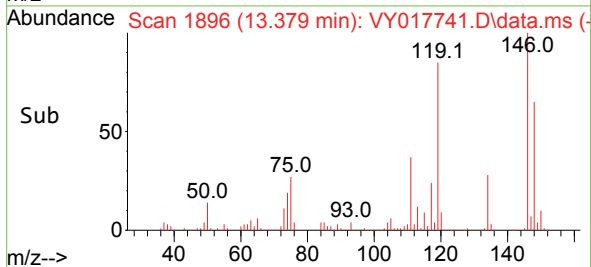
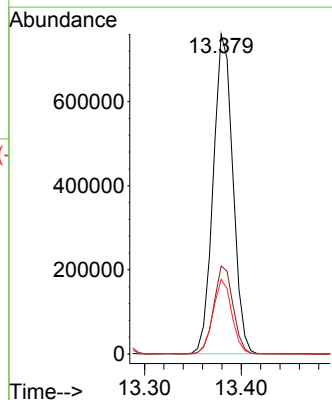
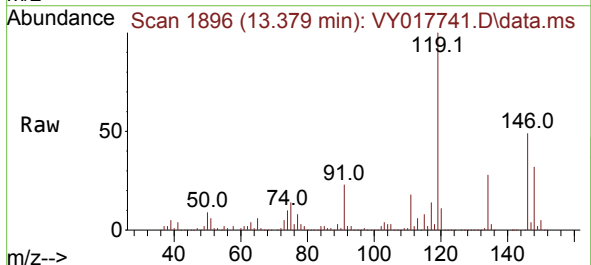
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

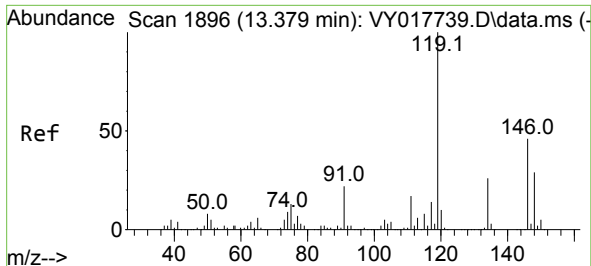
Tgt Ion:105 Resp: 1235397
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 145.170 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY017741.D
 Acq: 22 Mar 2024 12:00

Tgt Ion:119 Resp: 1069275
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 141.439 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

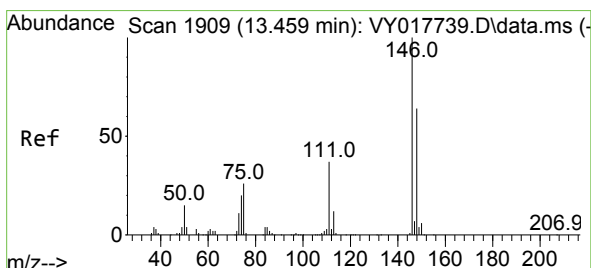
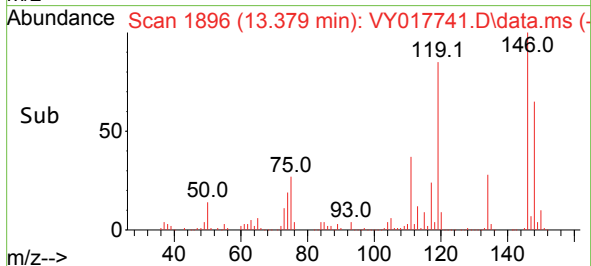
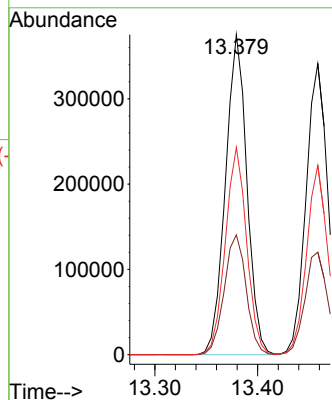
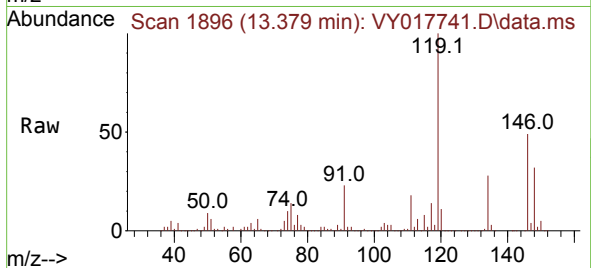
Tgt Ion:146 Resp: 545217

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 136.502 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

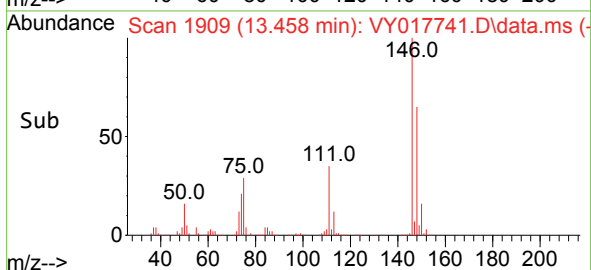
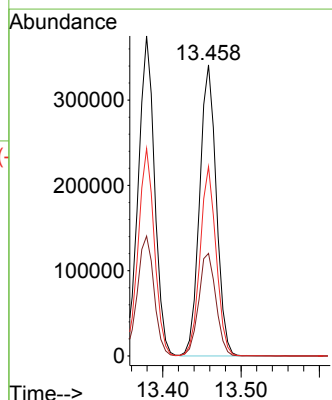
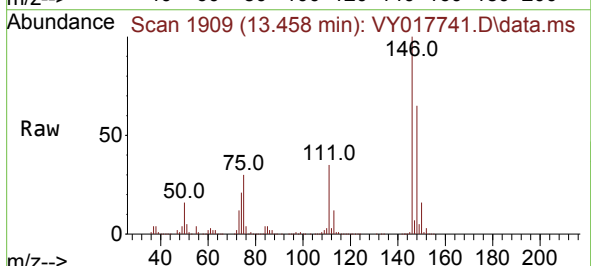
Tgt Ion:146 Resp: 505131

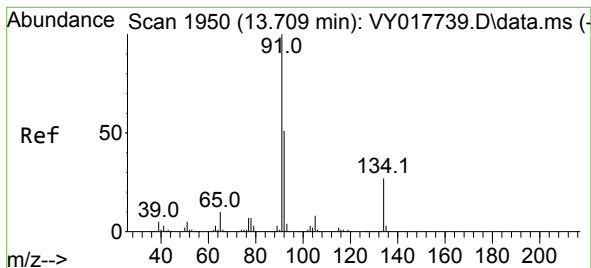
Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

148 63.0 32.4 97.2





#89

n-Butylbenzene

Concen: 143.005 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

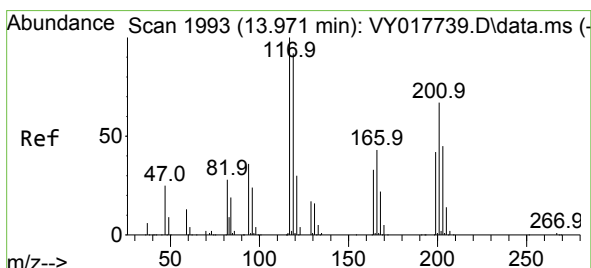
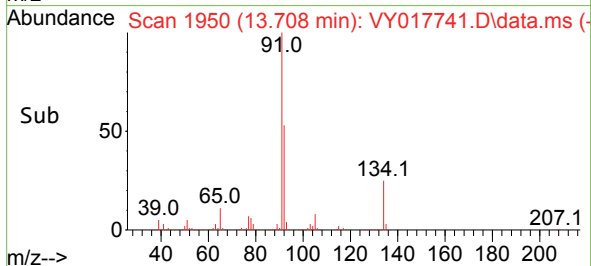
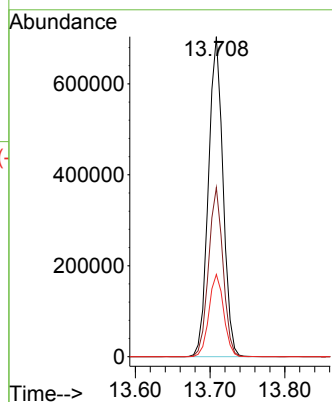
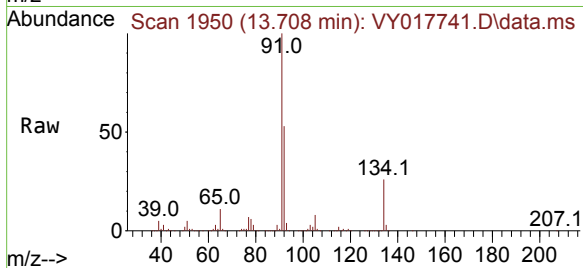
Tgt Ion: 91 Resp: 952950

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 26.0 12.9 38.7



#90

Hexachloroethane

Concen: 130.531 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017741.D

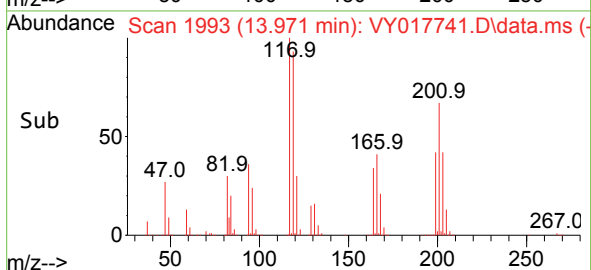
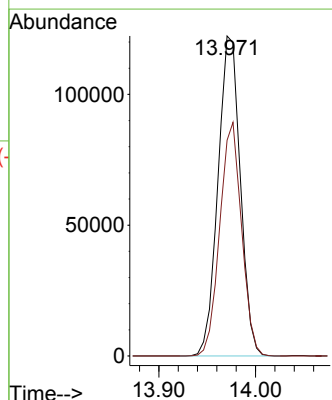
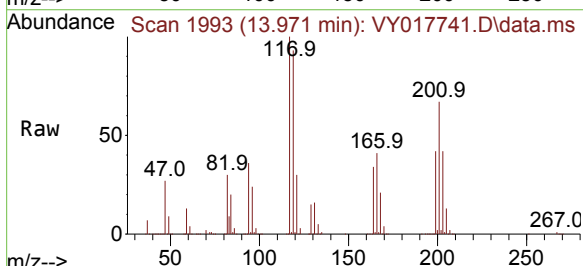
Acq: 22 Mar 2024 12:00

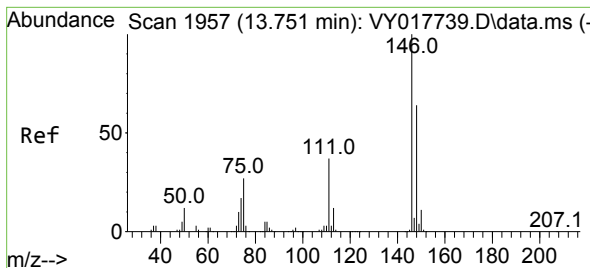
Tgt Ion: 117 Resp: 196063

Ion Ratio Lower Upper

117 100

201 71.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 138.848 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

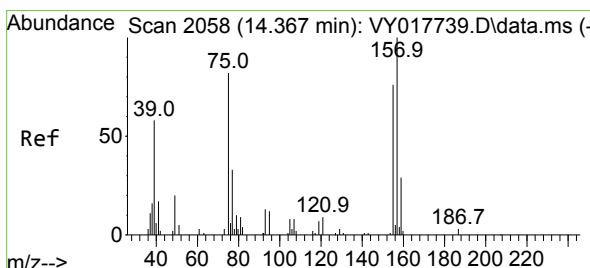
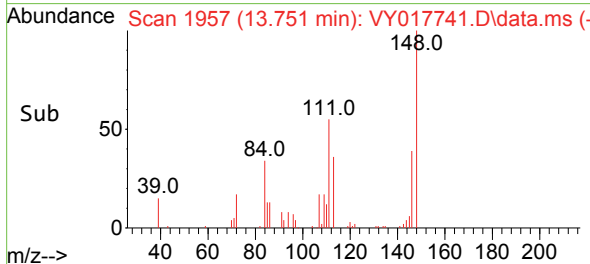
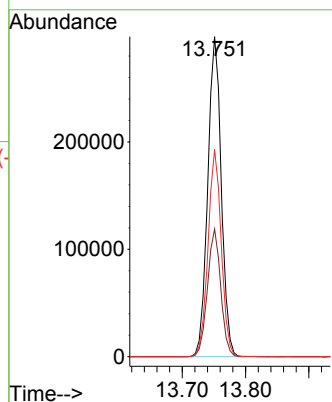
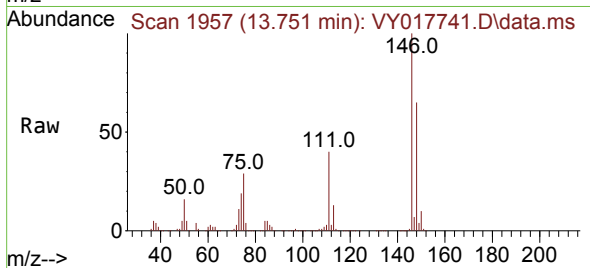
Tgt Ion:146 Resp: 443370

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.169 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

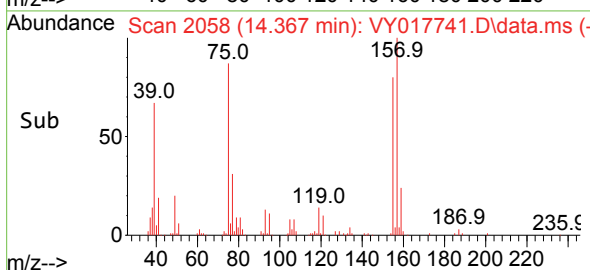
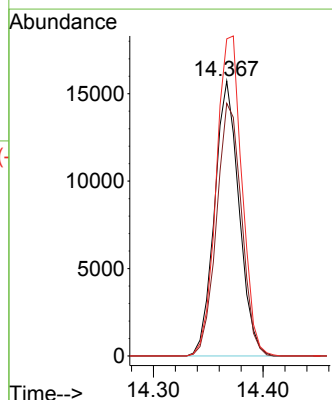
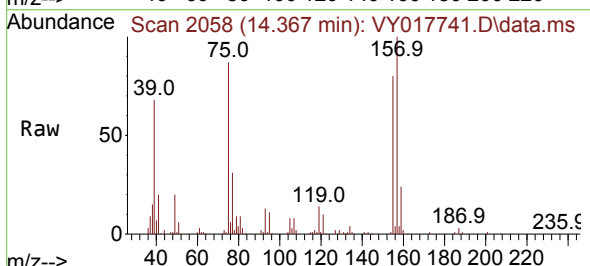
Tgt Ion: 75 Resp: 24451

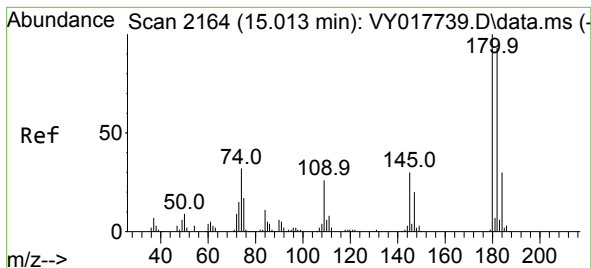
Ion Ratio Lower Upper

75 100

155 93.4 48.6 145.8

157 121.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 150.294 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

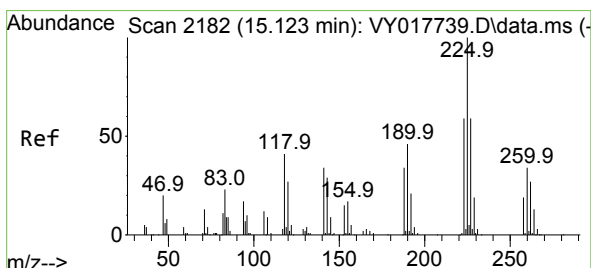
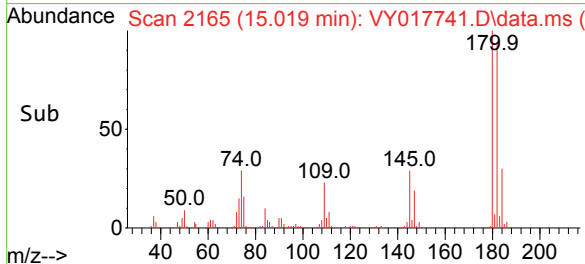
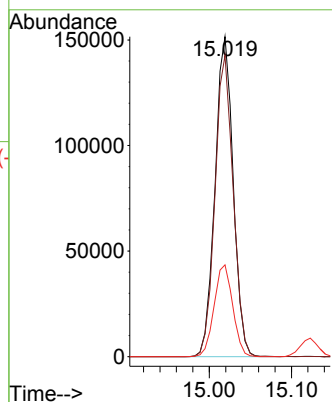
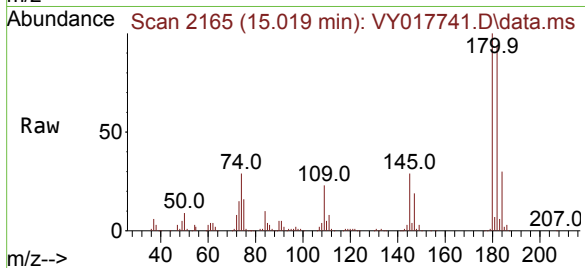
Tgt Ion:180 Resp: 232486

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 126.091 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

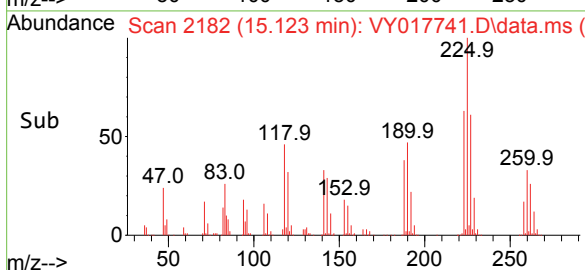
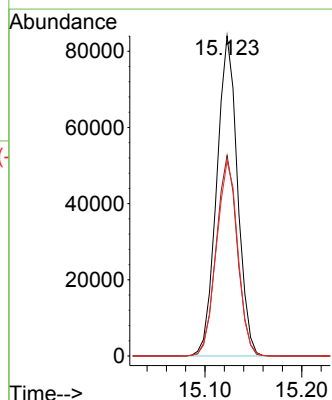
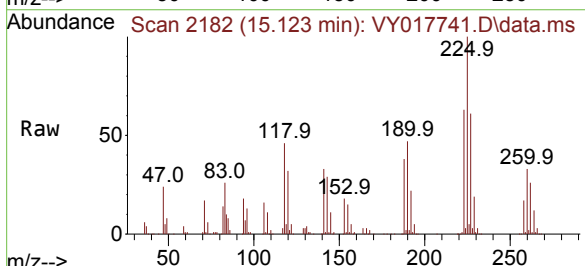
Tgt Ion:225 Resp: 125200

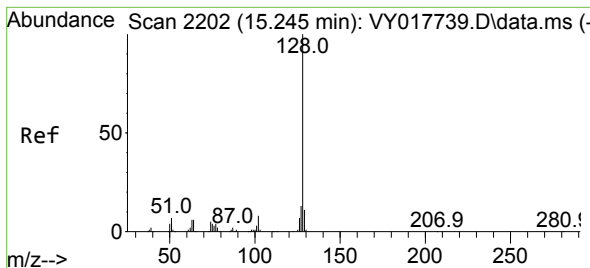
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 145.145 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

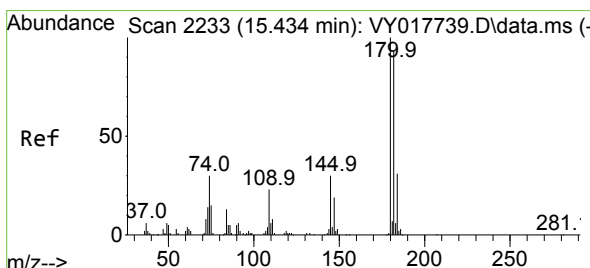
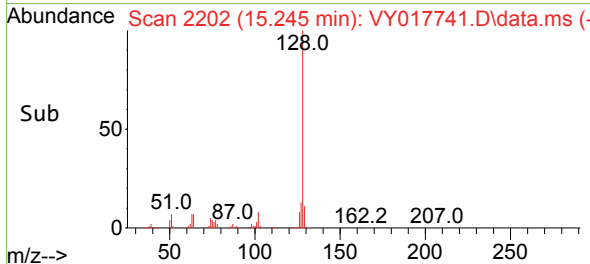
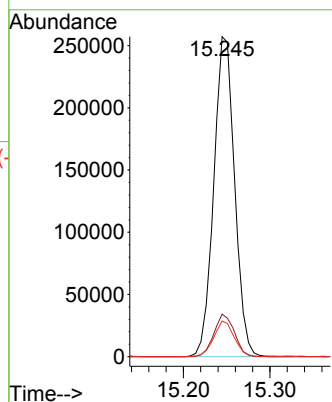
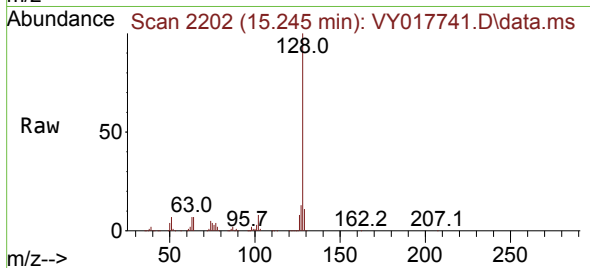
Tgt Ion:128 Resp: 430149

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 150.179 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017741.D

Acq: 22 Mar 2024 12:00

Tgt Ion:180 Resp: 191804

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 31.1 15.4 46.1

