

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017803.D
 Acq On : 01 Apr 2024 12:24
 Operator : SY/MD
 Sample : VY0401SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS02

Quant Time: Apr 02 03:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	281568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	130872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	208654	119.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 239.060%#	
35) Dibromofluoromethane	7.728	113	214507	114.105	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 228.200%#	
50) Toluene-d8	10.191	98	837582	119.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 238.540%#	
62) 4-Bromofluorobenzene	12.489	95	250348	117.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 234.360%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	31355	23.242	ug/l	97
3) Chloromethane	2.113	50	55968	21.256	ug/l	97
4) Vinyl Chloride	2.253	62	77471	22.514	ug/l	98
5) Bromomethane	2.650	94	65446	23.522	ug/l	96
6) Chloroethane	2.790	64	53037	23.623	ug/l	96
7) Trichlorofluoromethane	3.125	101	72238	21.527	ug/l	97
8) Diethyl Ether	3.534	74	20690	20.990	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	42483	21.110	ug/l	98
10) Methyl Iodide	4.088	142	40941	18.707	ug/l	99
11) Tert butyl alcohol	4.966	59	16164	112.430	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	38094	20.228	ug/l	93
13) Acrolein	3.735	56	16617	135.874	ug/l	100
14) Allyl chloride	4.479	41	48761	21.106	ug/l	96
15) Acrylonitrile	5.168	53	43436	104.391	ug/l	97
16) Acetone	3.948	43	36235	100.421	ug/l	88
17) Carbon Disulfide	4.198	76	95287	17.880	ug/l	96
18) Methyl Acetate	4.479	43	18083	22.626	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	90162	20.910	ug/l	99
20) Methylene Chloride	4.723	84	60418	26.053	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	40032	19.865	ug/l	93
22) Diisopropyl ether	6.131	45	115631	21.654	ug/l	96
23) Vinyl Acetate	6.070	43	341879	104.861	ug/l	98
24) 1,1-Dichloroethane	6.027	63	76049	21.457	ug/l	99
25) 2-Butanone	6.996	43	53083	103.268	ug/l	95
26) 2,2-Dichloropropane	6.990	77	64548	21.086	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	47769	20.057	ug/l	93
28) Bromochloromethane	7.344	49	33239	23.062	ug/l	89
29) Tetrahydrofuran	7.356	42	32529	105.465	ug/l	95
30) Chloroform	7.515	83	78155	21.253	ug/l	99
31) Cyclohexane	7.795	56	59448	19.332	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	66352	21.200	ug/l	96
36) 1,1-Dichloropropene	7.929	75	53978	19.679	ug/l	97
37) Ethyl Acetate	7.082	43	24599	20.781	ug/l	98
38) Carbon Tetrachloride	7.911	117	58337	20.487	ug/l	97
39) Methylcyclohexane	9.191	83	63660	18.580	ug/l	94
40) Benzene	8.167	78	171624	20.303	ug/l	97

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 MSVOA_Y
 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	18367	29.399	ug/l #	36
42) 1,2-Dichloroethane	8.246	62	43864	21.082	ug/l	98
43) Isopropyl Acetate	8.283	43	44312	20.628	ug/l	96
44) Trichloroethene	8.947	130	43165	19.627	ug/l	94
45) 1,2-Dichloropropane	9.222	63	40687	20.714	ug/l	98
46) Dibromomethane	9.313	93	22168	19.865	ug/l	98
47) Bromodichloromethane	9.508	83	57888	20.529	ug/l	100
48) Methyl methacrylate	9.301	41	19311	23.193	ug/l	96
49) 1,4-Dioxane	9.301	88	4825	385.141	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	118440	119.908	ug/l	96
52) Toluene	10.252	92	105717	20.618	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	51143	20.427	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	62037	20.302	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	29988	20.167	ug/l	93
56) Ethyl methacrylate	10.520	69	37827	22.921	ug/l	94
57) 1,3-Dichloropropane	10.795	76	52152	20.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	111151	129.776	ug/l	97
59) 2-Hexanone	10.837	43	81717	118.560	ug/l	96
60) Dibromochloromethane	10.996	129	38230	20.384	ug/l	99
61) 1,2-Dibromoethane	11.099	107	27762	20.475	ug/l	96
64) Tetrachloroethene	10.728	164	49857	20.301	ug/l	98
65) Chlorobenzene	11.526	112	113587	19.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37754	19.251	ug/l	99
67) Ethyl Benzene	11.599	91	195153	19.655	ug/l	97
68) m/p-Xylenes	11.709	106	149848	39.794	ug/l	99
69) o-Xylene	12.038	106	68759	23.552	ug/l	97
70) Styrene	12.050	104	117143	23.514	ug/l	100
71) Bromoform	12.215	173	21454	19.735	ug/l #	98
73) Isopropylbenzene	12.337	105	182097	19.855	ug/l	100
74) N-amyl acetate	12.148	43	37095	23.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	31948	20.137	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	42215	35.398	ug/l #	100
77) Bromobenzene	12.617	156	42342	19.384	ug/l	97
78) n-propylbenzene	12.678	91	227130	20.296	ug/l	99
79) 2-Chlorotoluene	12.764	91	123815	20.198	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	143801	20.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	10343	22.126	ug/l	91
82) 4-Chlorotoluene	12.861	91	127531	20.092	ug/l	100
83) tert-Butylbenzene	13.081	119	128158	19.694	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	143826	20.176	ug/l	99
85) sec-Butylbenzene	13.258	105	200126	20.490	ug/l	100
86) p-Isopropyltoluene	13.373	119	161079	19.730	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	86165	19.880	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	85671	20.651	ug/l	98
89) n-Butylbenzene	13.703	91	154183	20.527	ug/l	98
90) Hexachloroethane	13.965	117	33292	20.508	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	73053	20.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4368	20.374	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	39942	20.297	ug/l	98
94) Hexachlorobutadiene	15.117	225	23631	19.809	ug/l	94
95) Naphthalene	15.245	128	64904	22.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33727	20.290	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

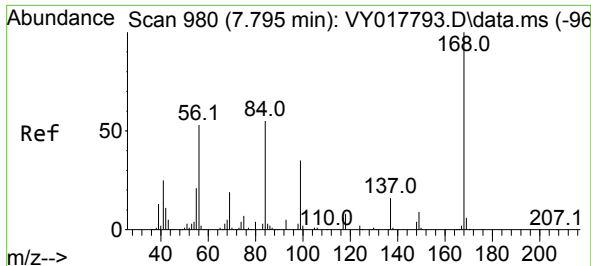
Quant Time: Apr 02 03:18:41 2024
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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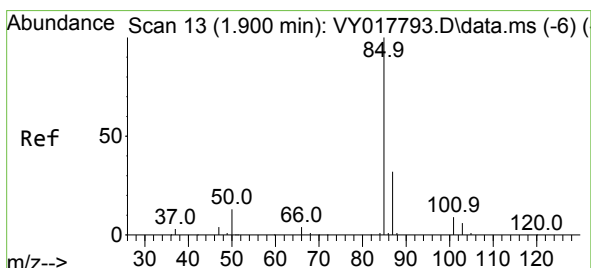
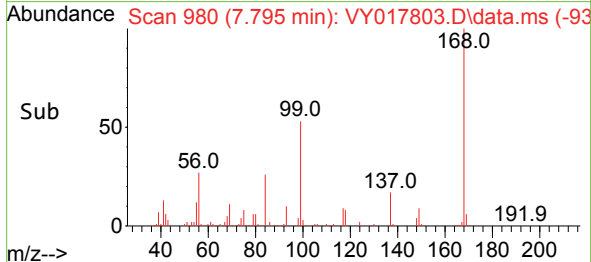
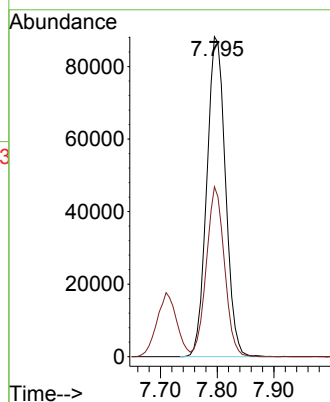
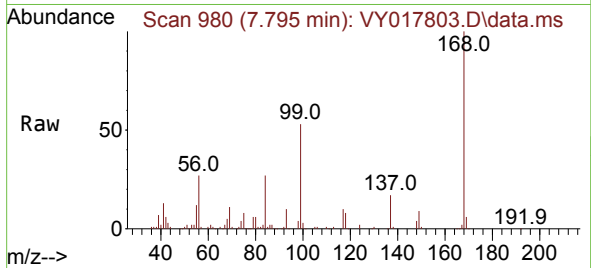




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017803.D
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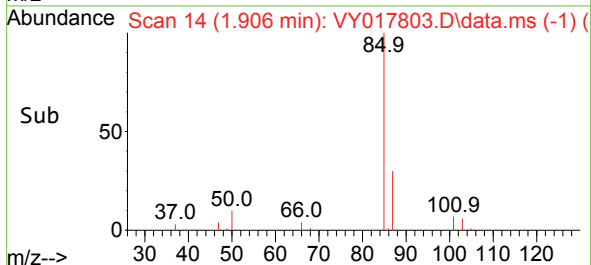
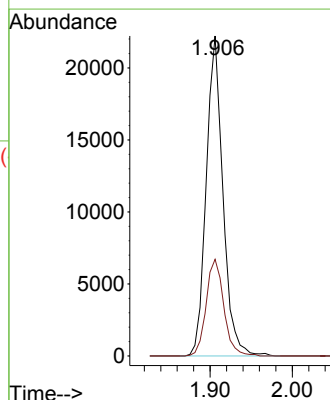
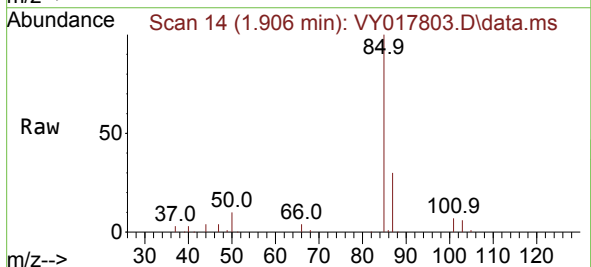
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

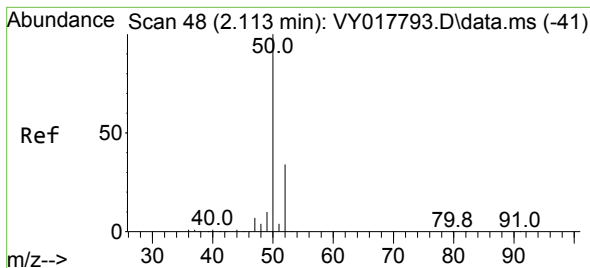
Tgt Ion:168 Resp: 201726
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 23.242 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 85 Resp: 31355
Ion Ratio Lower Upper
85 100
87 30.2 16.0 48.0





#3

Chloromethane

Concen: 21.256 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

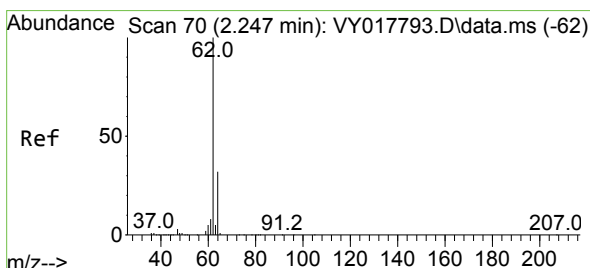
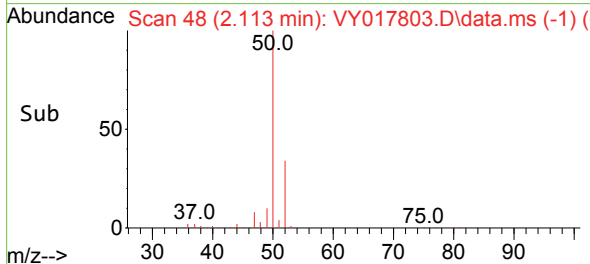
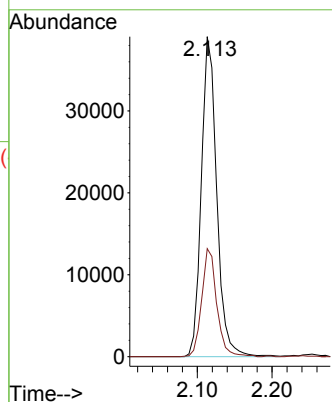
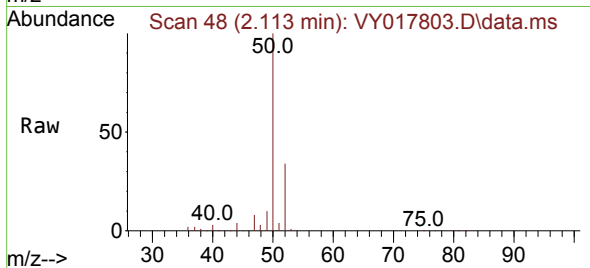
VY0401SBS02

Tgt Ion: 50 Resp: 55968

Ion Ratio Lower Upper

50 100

52 33.8 25.6 38.4



#4

Vinyl Chloride

Concen: 22.514 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017803.D

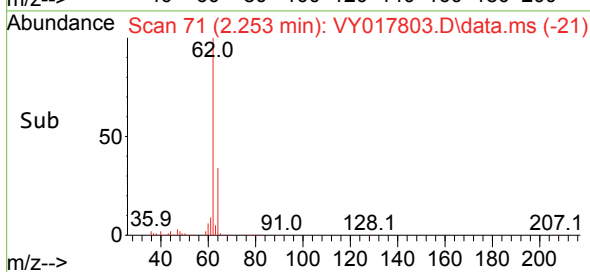
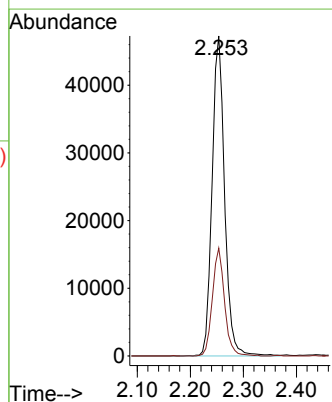
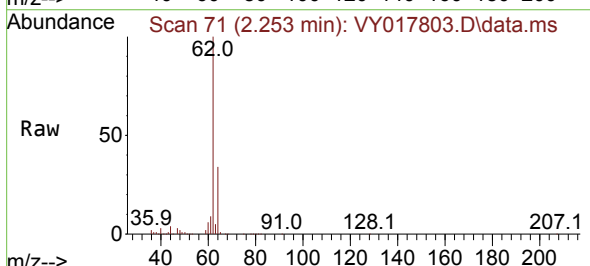
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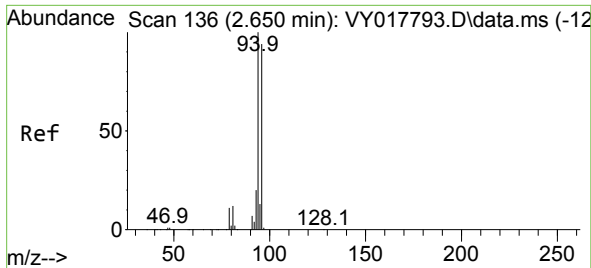
Tgt Ion: 62 Resp: 77471

Ion Ratio Lower Upper

62 100

64 33.7 26.1 39.1

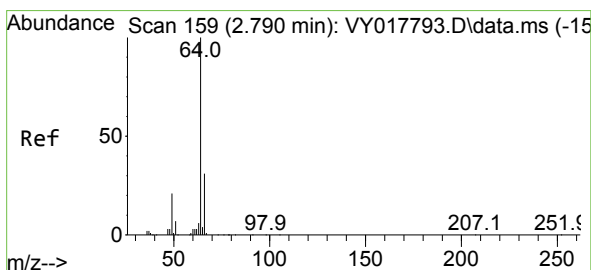
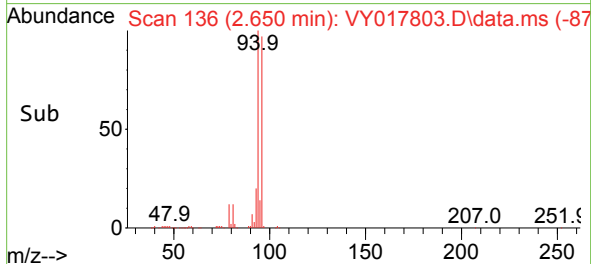
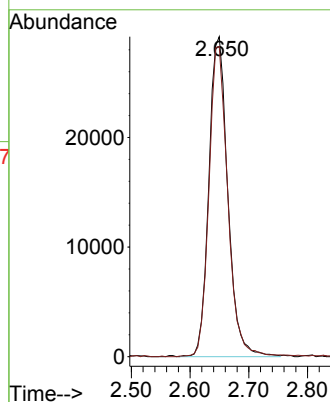
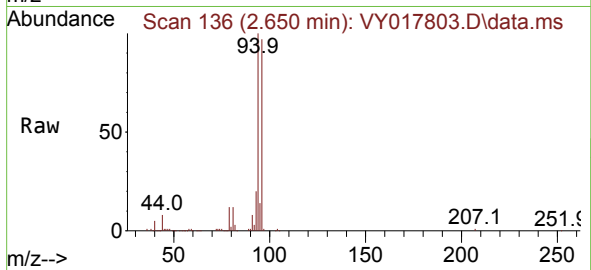




#5
Bromomethane
Concen: 23.522 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

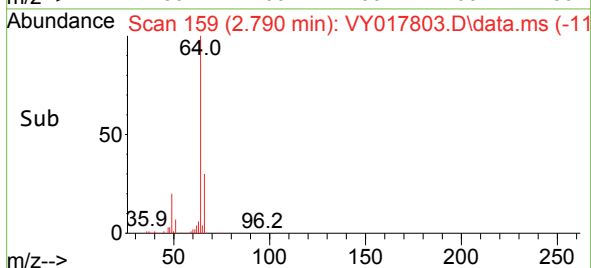
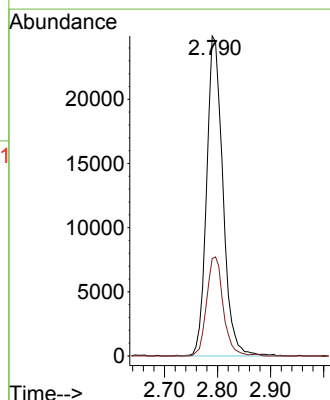
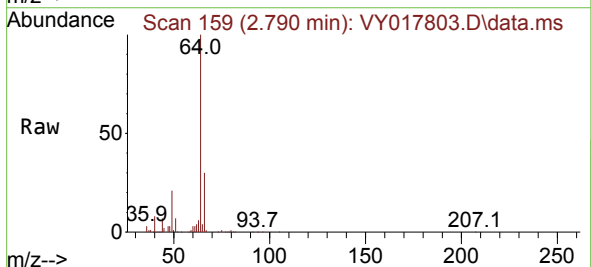
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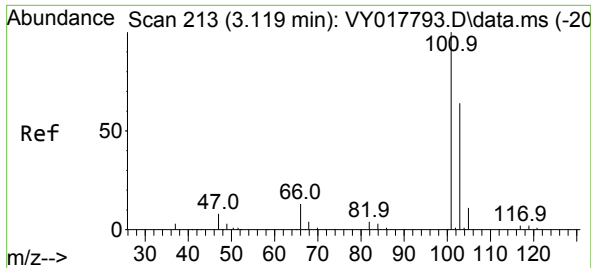
Tgt Ion: 94 Resp: 65446
Ion Ratio Lower Upper
94 100
96 96.8 74.1 111.1



#6
Chloroethane
Concen: 23.623 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 64 Resp: 53037
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1

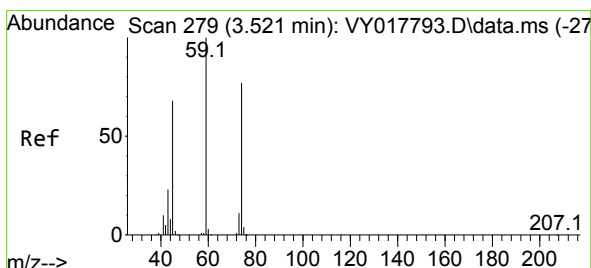
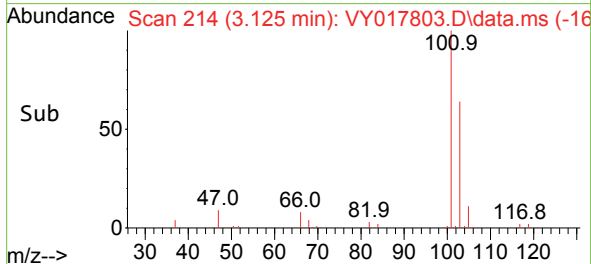
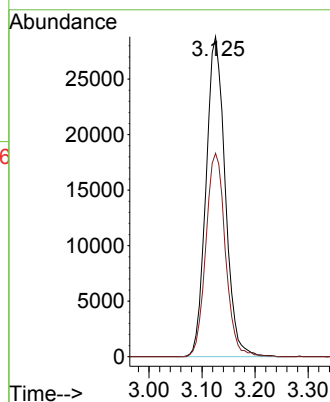
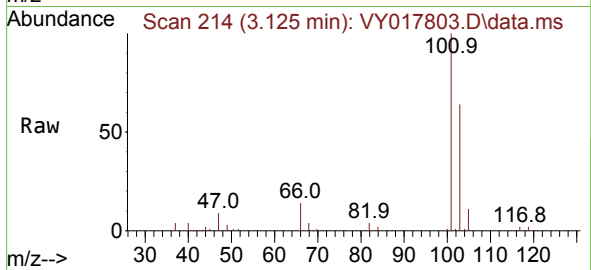




#7
 Trichlorofluoromethane
 Concen: 21.527 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

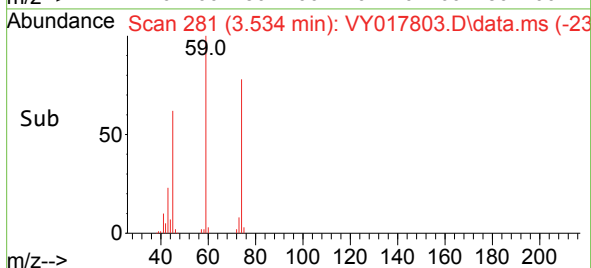
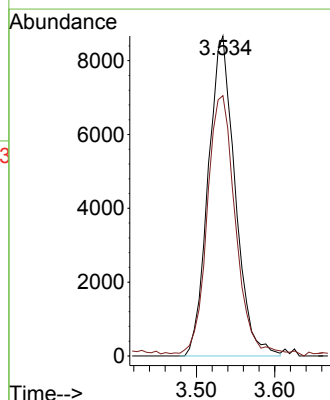
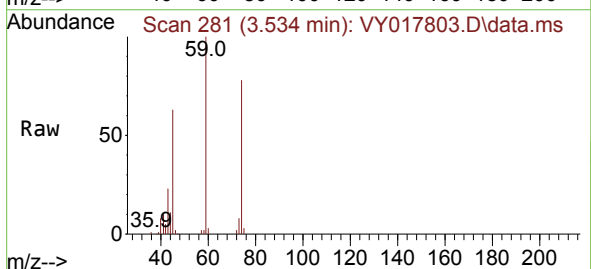
Instrument :
 MSVOA_Y
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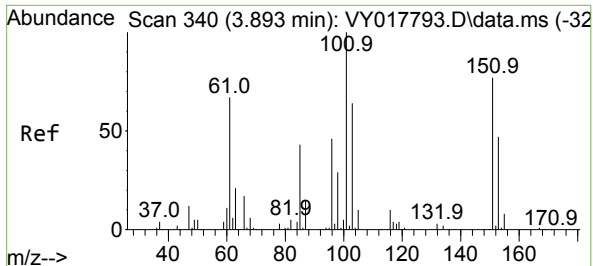
Tgt Ion:101 Resp: 72238
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.990 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

Tgt Ion: 74 Resp: 20690
 Ion Ratio Lower Upper
 74 100
 45 86.5 41.3 124.1

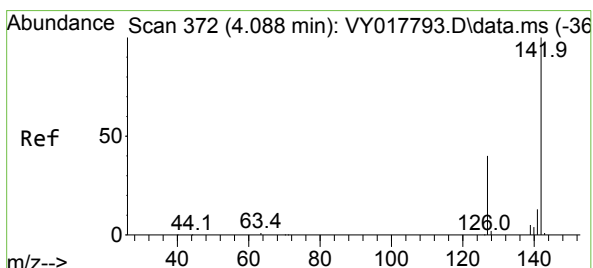
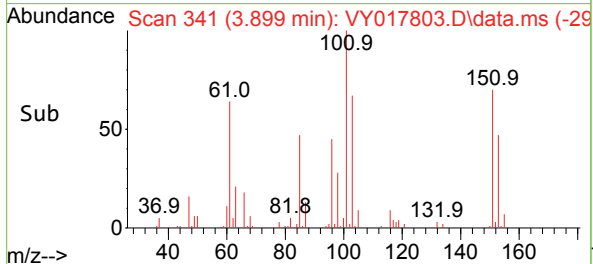
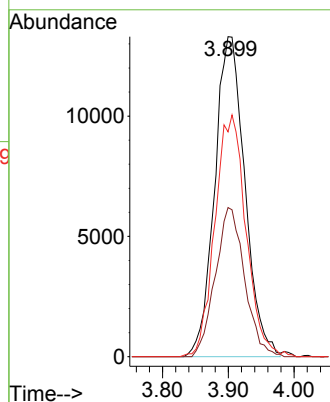
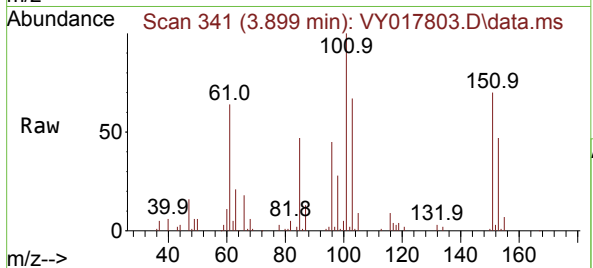




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.110 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017803.D
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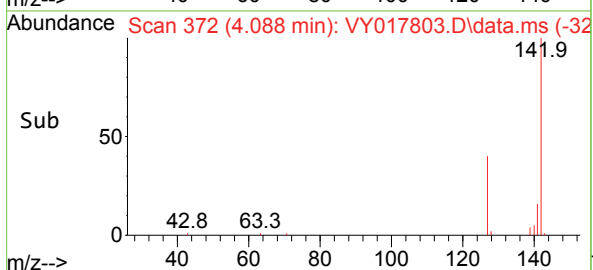
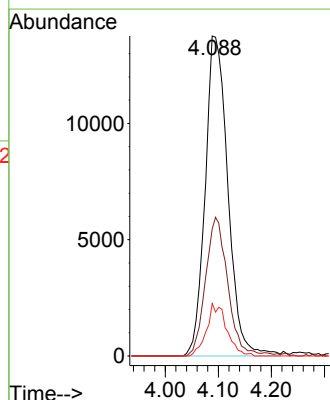
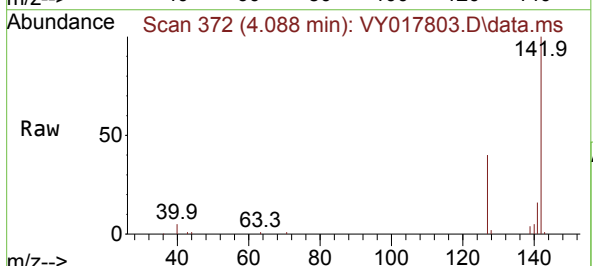
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

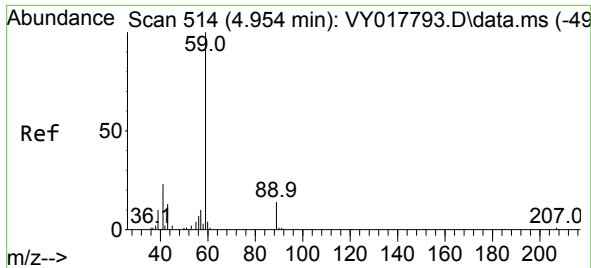
Tgt Ion:101 Resp: 42483
Ion Ratio Lower Upper
101 100
85 45.2 34.5 51.7
151 77.6 61.7 92.5



#10
Methyl Iodide
Concen: 18.707 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion:142 Resp: 40941
Ion Ratio Lower Upper
142 100
127 42.1 32.8 49.2
141 14.4 11.4 17.2

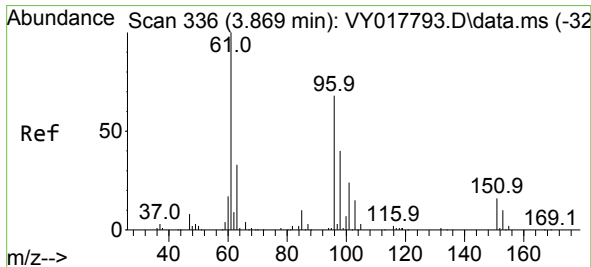
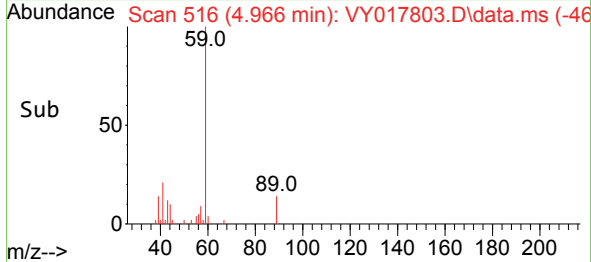
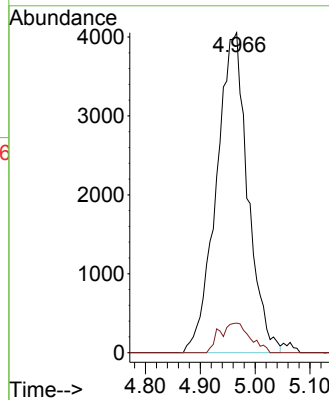
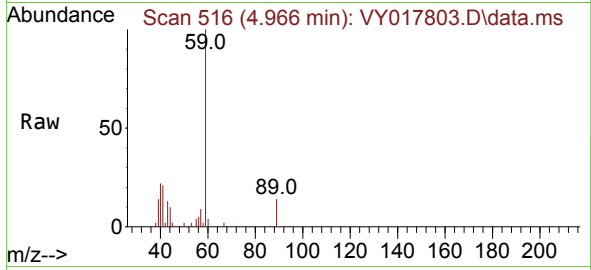




#11
Tert butyl alcohol
Concen: 112.430 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

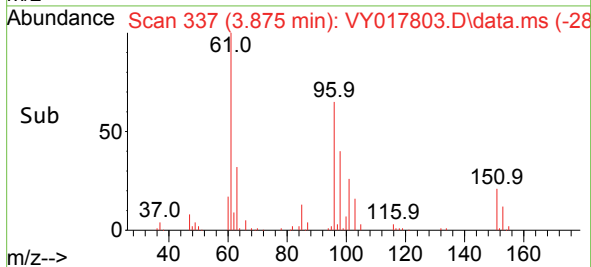
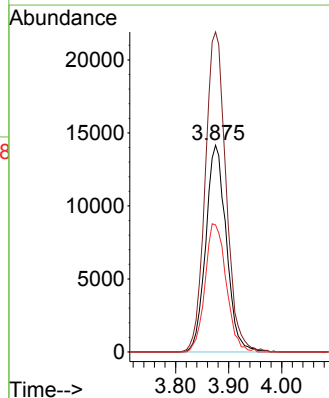
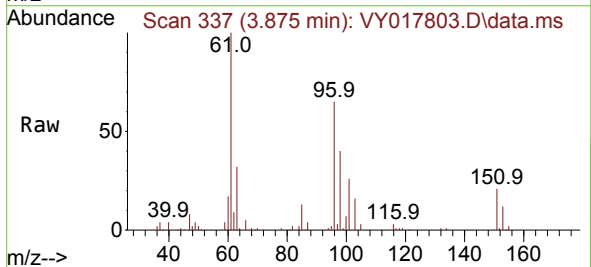
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

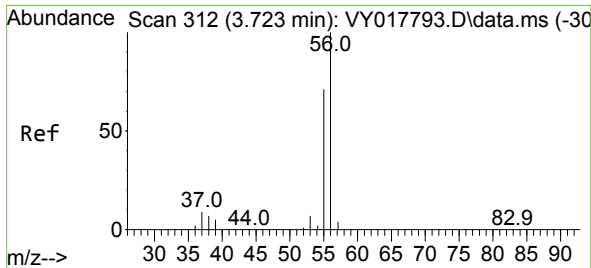
Tgt Ion: 59 Resp: 16164
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.228 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 96 Resp: 38094
Ion Ratio Lower Upper
96 100
61 154.8 114.6 171.8
98 61.5 50.8 76.2





#13

Acrolein

Concen: 135.874 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

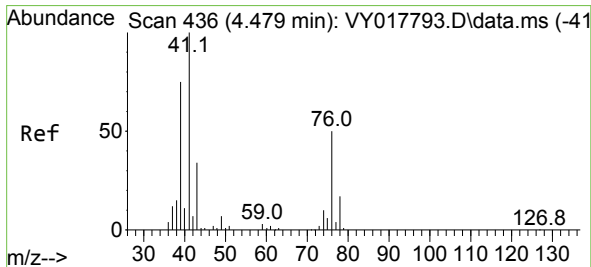
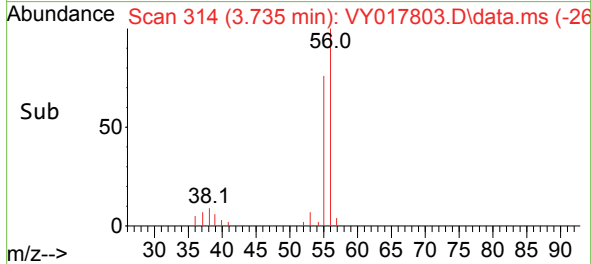
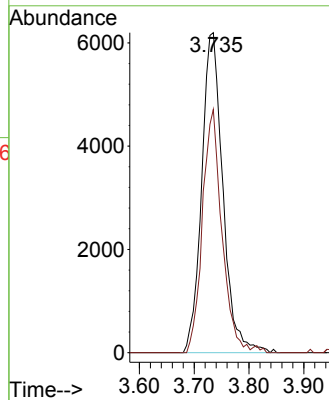
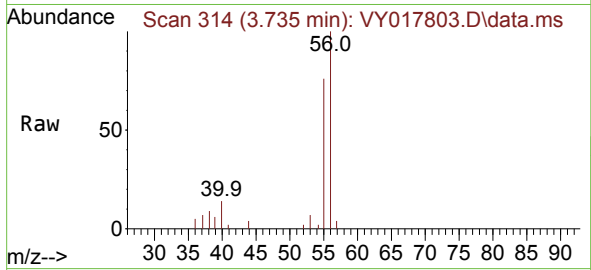
VY0401SBS02

Tgt Ion: 56 Resp: 16617

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 21.106 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

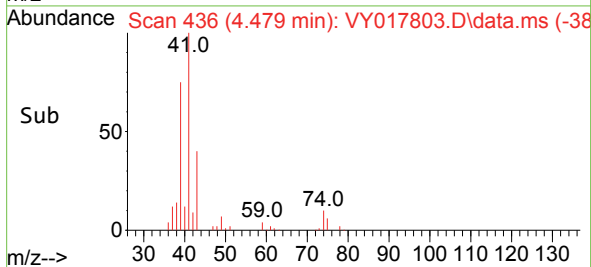
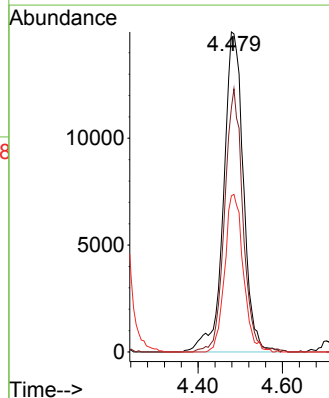
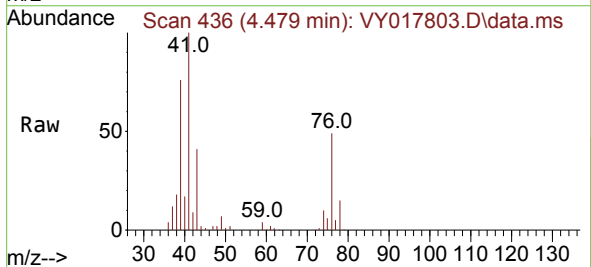
Tgt Ion: 41 Resp: 48761

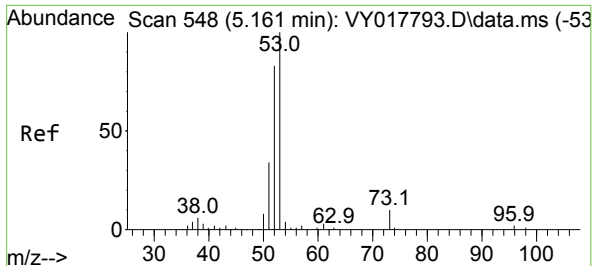
Ion Ratio Lower Upper

41 100

39 76.0 58.3 87.5

76 46.0 39.0 58.6





#15

Acrylonitrile

Concen: 104.391 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

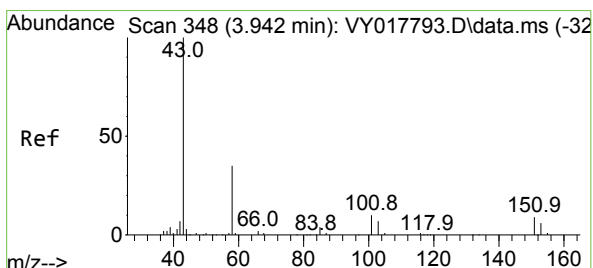
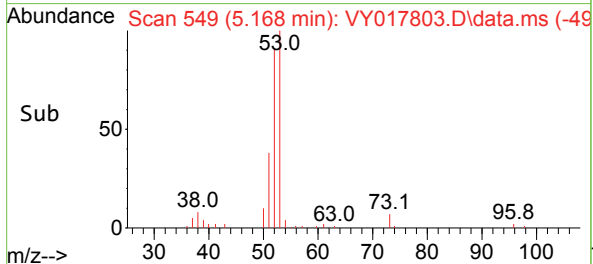
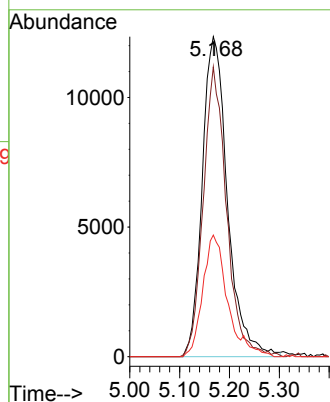
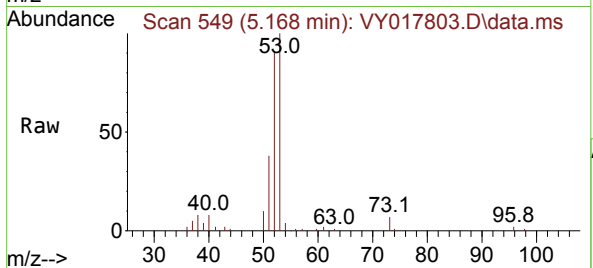
Tgt Ion: 53 Resp: 43436

Ion Ratio Lower Upper

53 100

52 83.5 64.7 97.1

51 37.3 28.4 42.6



#16

Acetone

Concen: 100.421 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017803.D

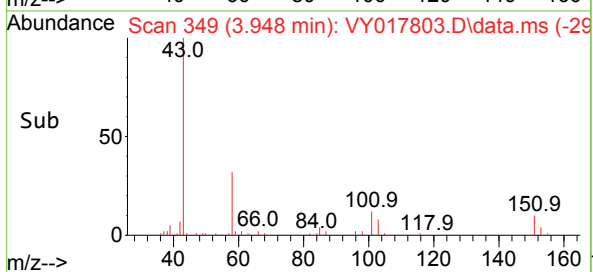
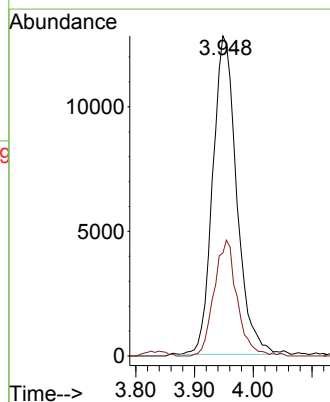
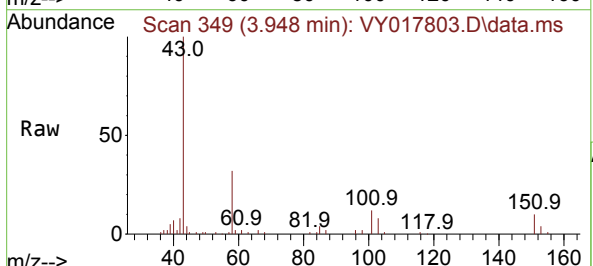
Acq: 01 Apr 2024 12:24

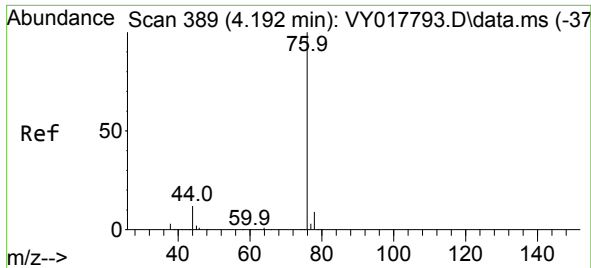
Tgt Ion: 43 Resp: 36235

Ion Ratio Lower Upper

43 100

58 32.4 31.7 47.5





#17

Carbon Disulfide

Concen: 17.880 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

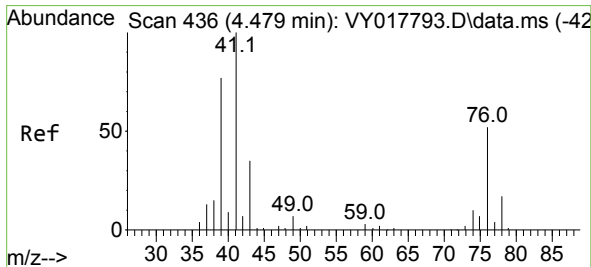
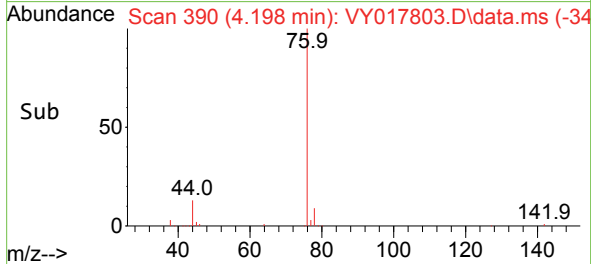
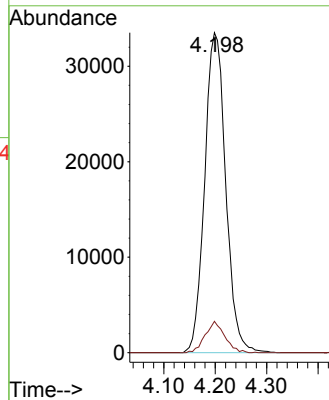
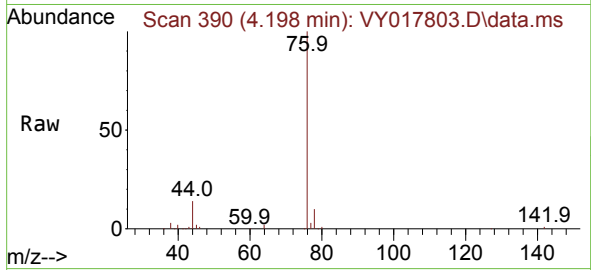
VY0401SBS02

Tgt Ion: 76 Resp: 95287

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 22.626 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017803.D

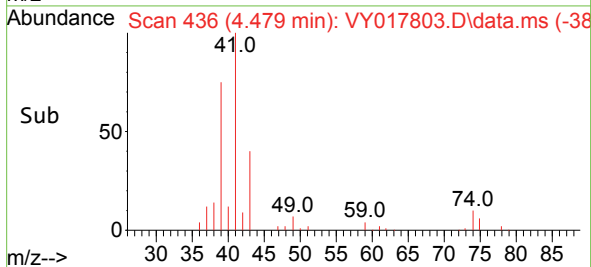
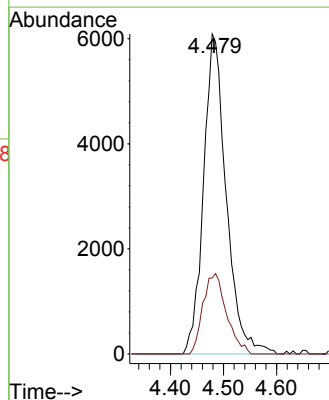
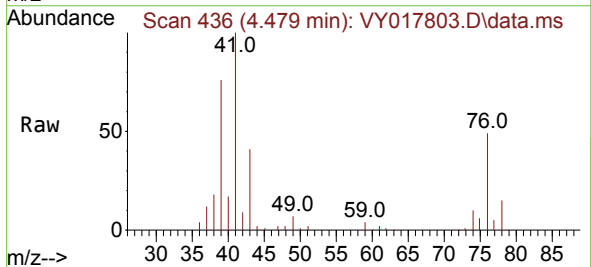
Acq: 01 Apr 2024 12:24

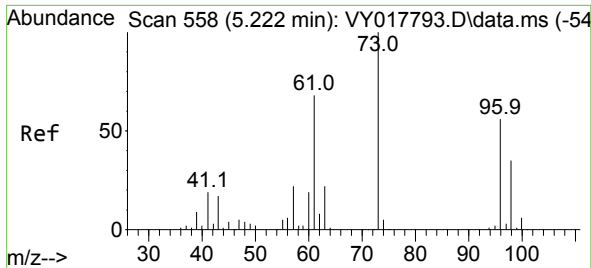
Tgt Ion: 43 Resp: 18083

Ion Ratio Lower Upper

43 100

74 26.0 23.3 34.9

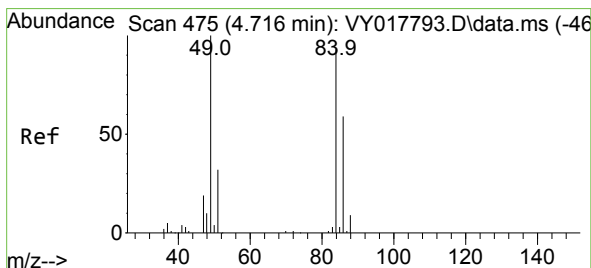
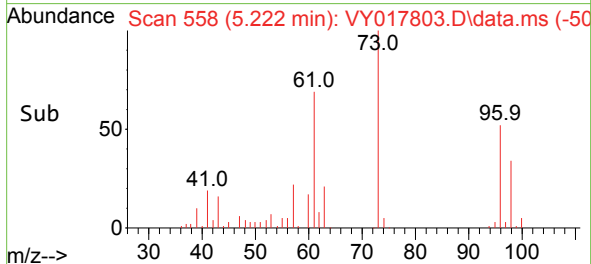
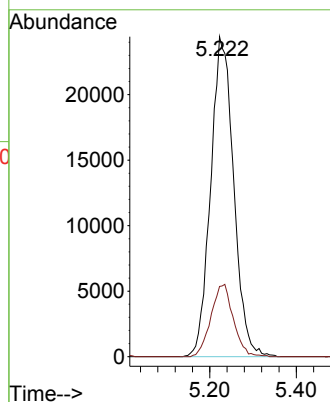
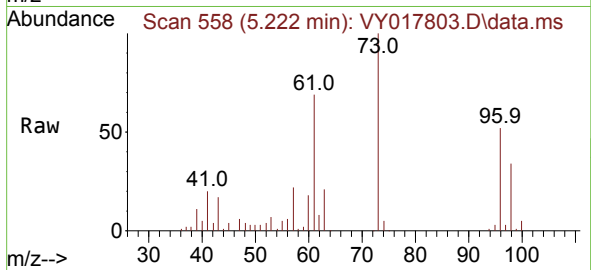




#19
Methyl tert-butyl Ether
Concen: 20.910 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

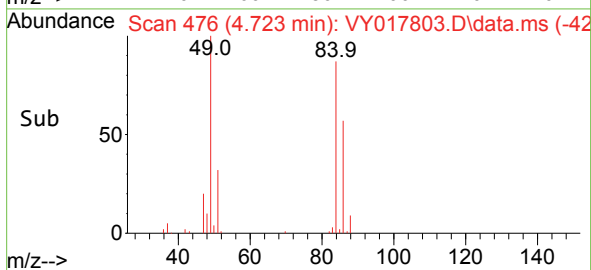
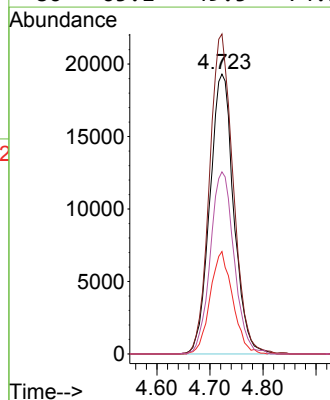
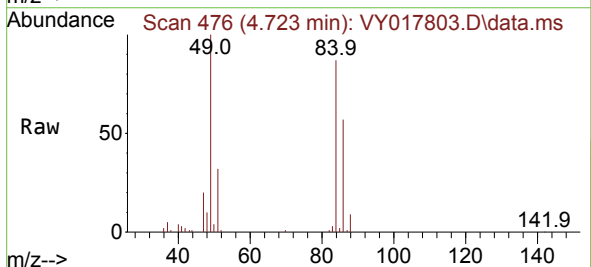
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

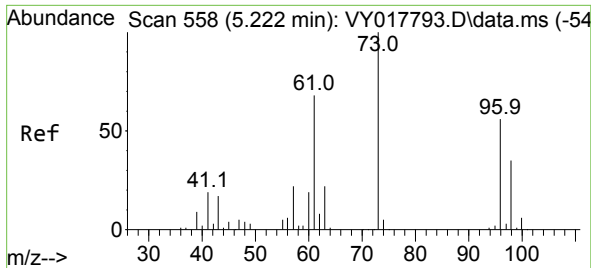
Tgt Ion: 73 Resp: 90162
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 26.053 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 84 Resp: 60418
Ion Ratio Lower Upper
84 100
49 114.4 84.4 126.6
51 36.6 26.0 39.0
86 65.1 49.5 74.3

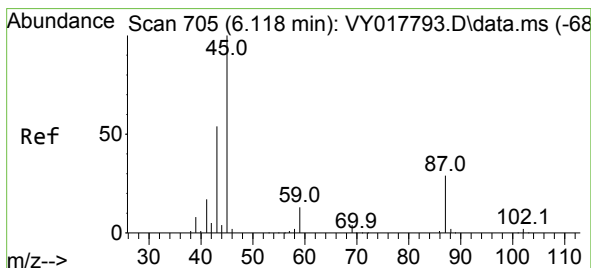
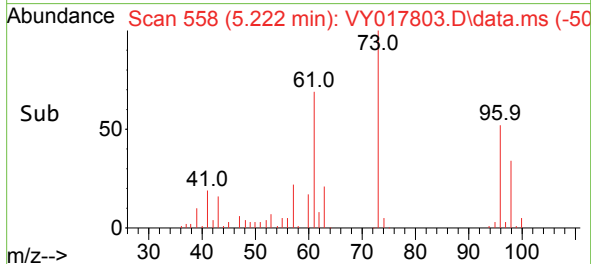
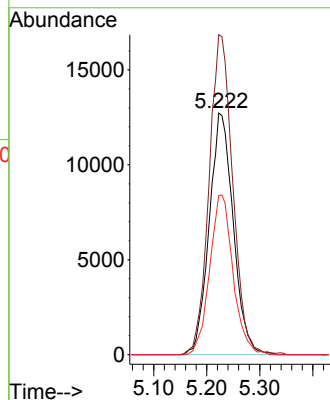
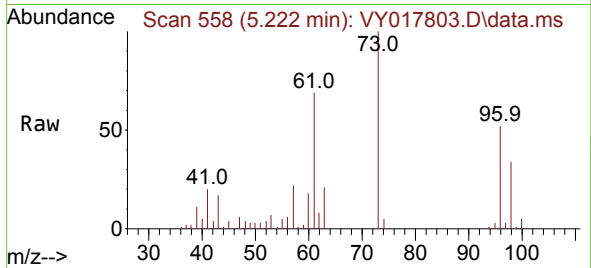




#21
trans-1,2-Dichloroethene
Concen: 19.865 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

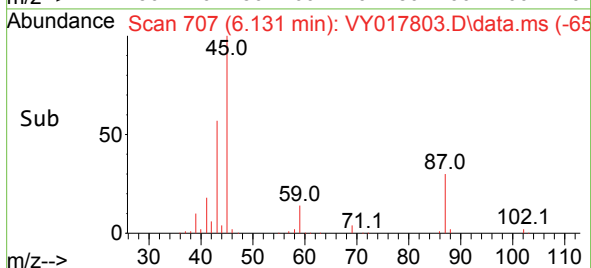
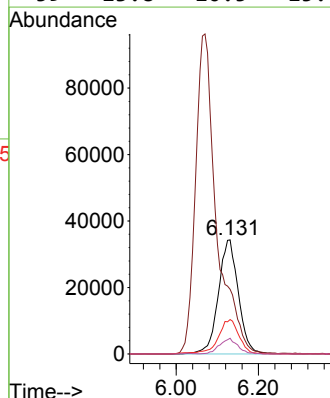
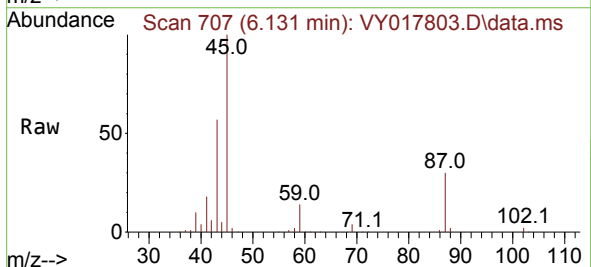
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

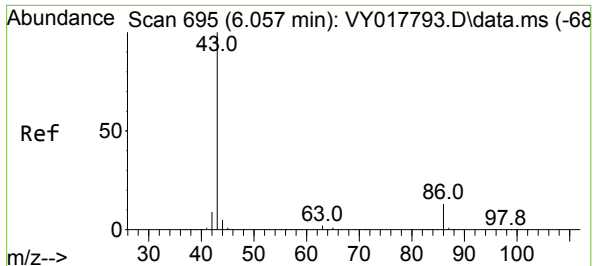
Tgt Ion: 96	Resp: 40032
Ion Ratio	Lower Upper
96 100	
61 132.4	97.5 146.3
98 65.9	50.5 75.7



#22
Diisopropyl ether
Concen: 21.654 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 45	Resp: 115631
Ion Ratio	Lower Upper
45 100	
43 56.1	42.2 63.2
87 30.1	25.0 37.6
59 13.8	10.5 15.7

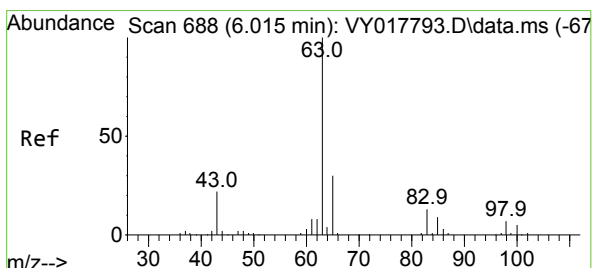
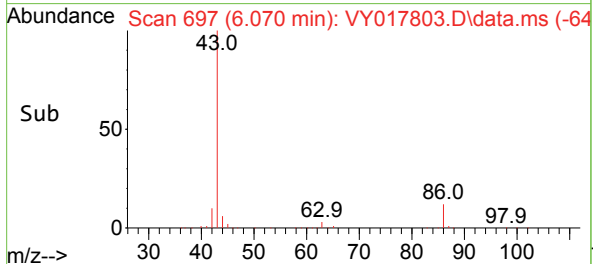
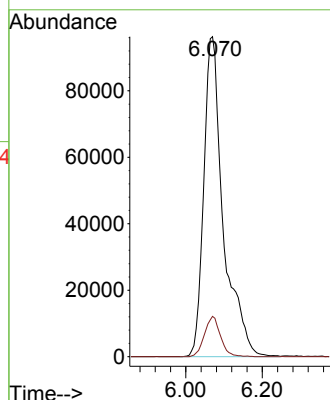
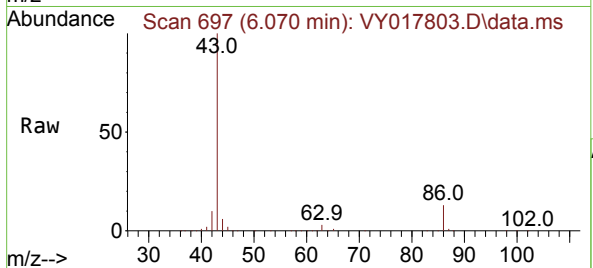




#23
 Vinyl Acetate
 Concen: 104.861 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

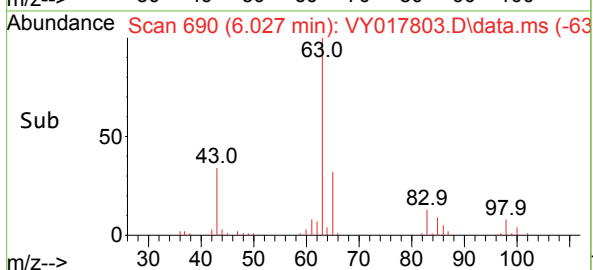
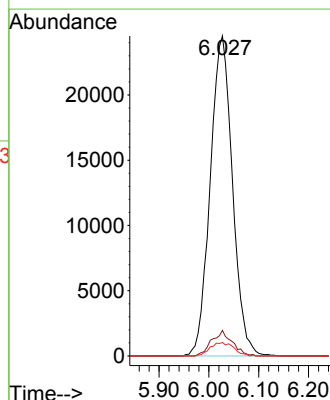
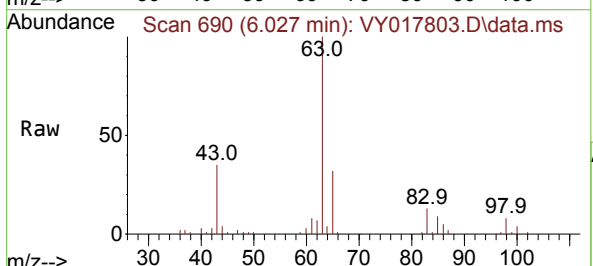
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS02

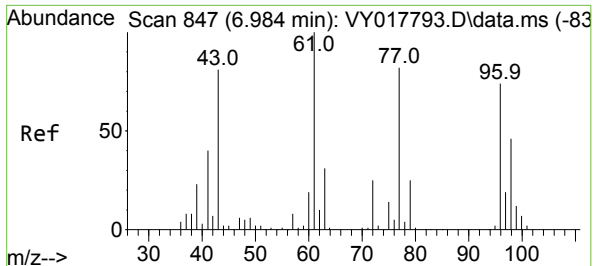
Tgt Ion: 43 Resp: 341879
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.457 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

Tgt Ion: 63 Resp: 76049
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 103.268 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

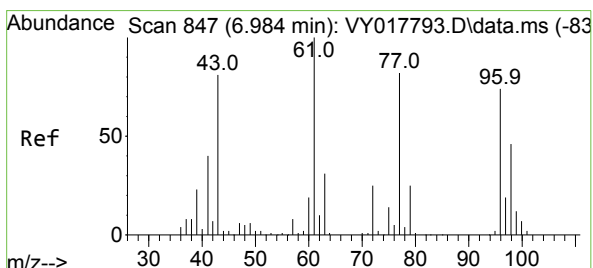
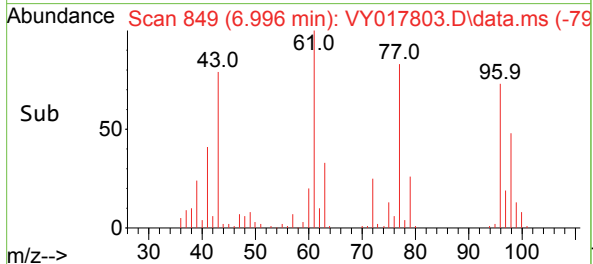
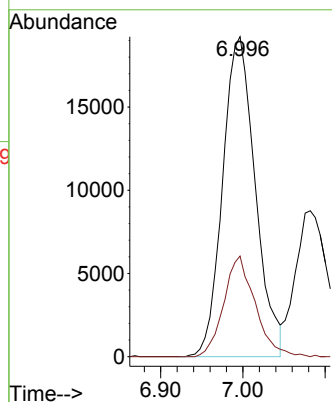
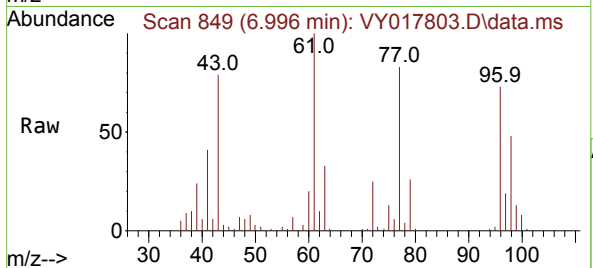
VY0401SBS02

Tgt Ion: 43 Resp: 53083

Ion Ratio Lower Upper

43 100

72 31.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.086 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017803.D

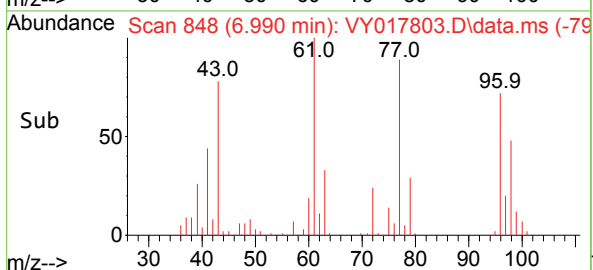
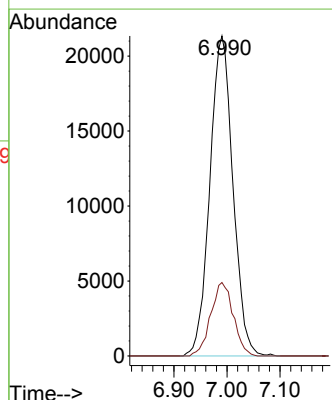
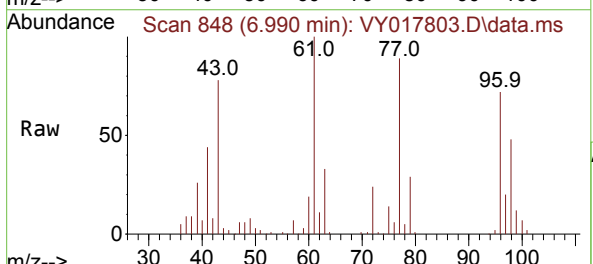
Acq: 01 Apr 2024 12:24

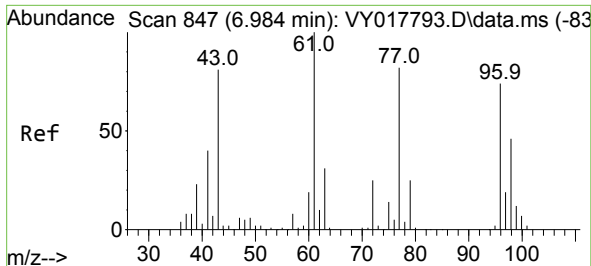
Tgt Ion: 77 Resp: 64548

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1



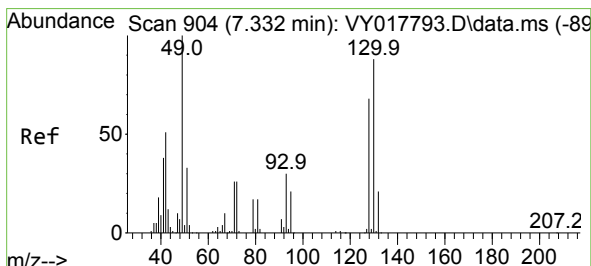
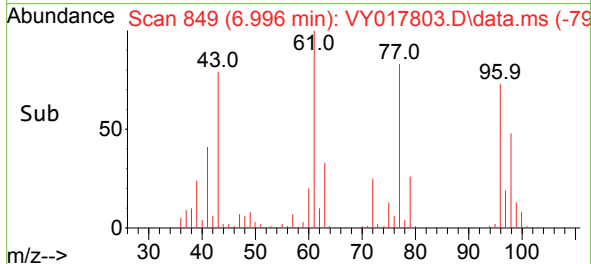
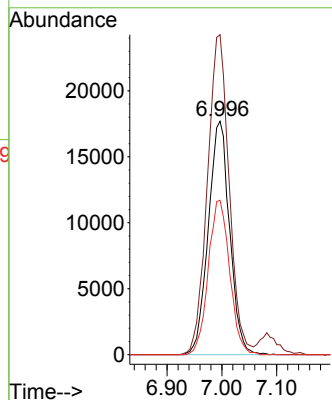
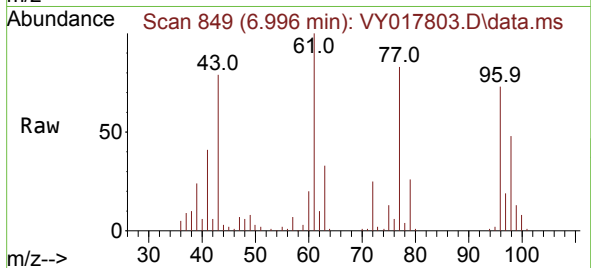


#27
 cis-1,2-Dichloroethene
 Concen: 20.057 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS02

Tgt Ion: 96 Resp: 47769

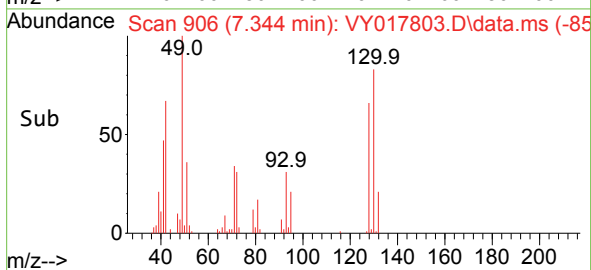
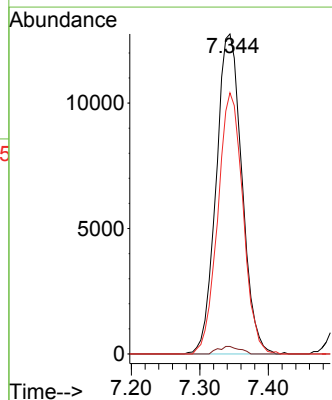
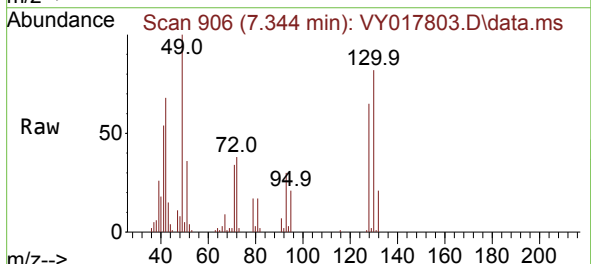
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	256.2
98	66.2	0.0	130.0

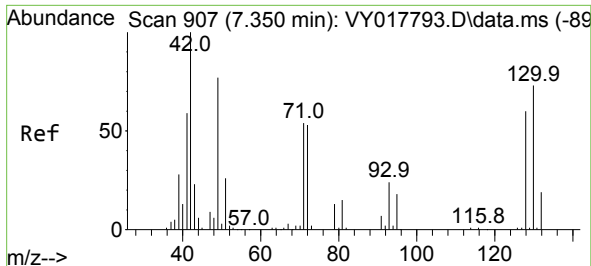


#28
 Bromochloromethane
 Concen: 23.062 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

Tgt Ion: 49 Resp: 33239

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	79.9	72.7	109.1





#29

Tetrahydrofuran

Concen: 105.465 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

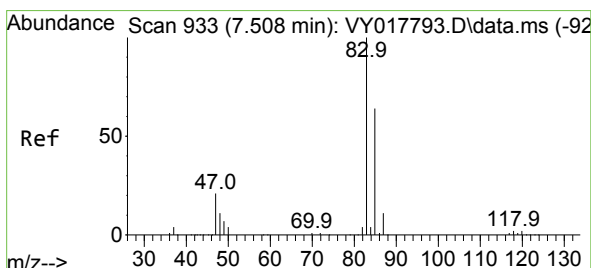
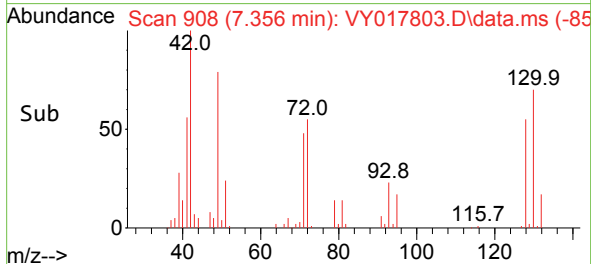
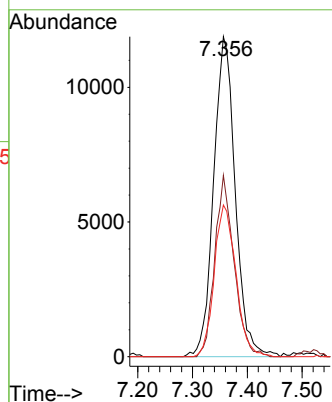
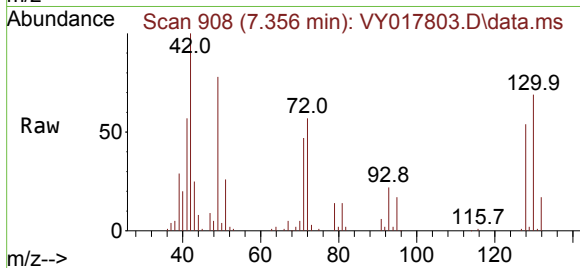
Tgt Ion: 42 Resp: 32529

Ion Ratio Lower Upper

42 100

72 50.6 43.0 64.4

71 47.5 40.8 61.2



#30

Chloroform

Concen: 21.253 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017803.D

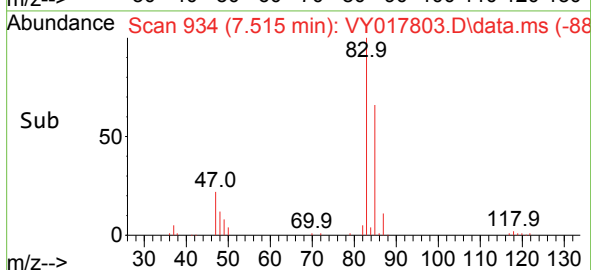
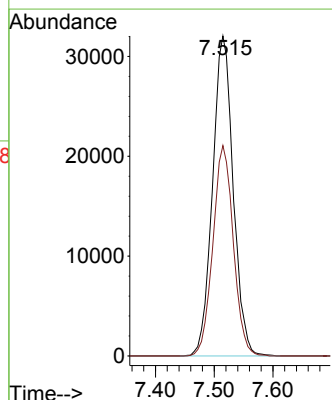
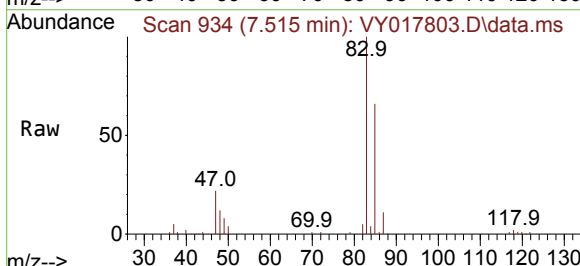
Acq: 01 Apr 2024 12:24

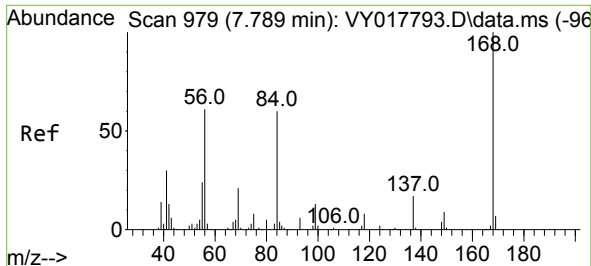
Tgt Ion: 83 Resp: 78155

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.4

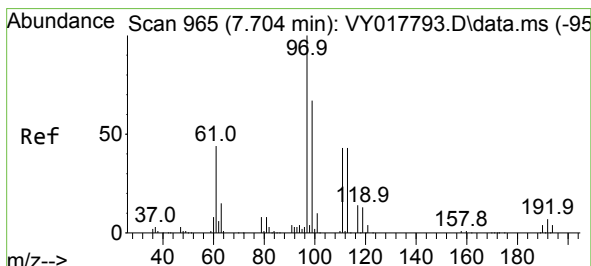
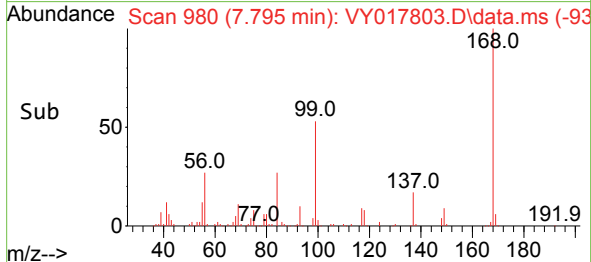
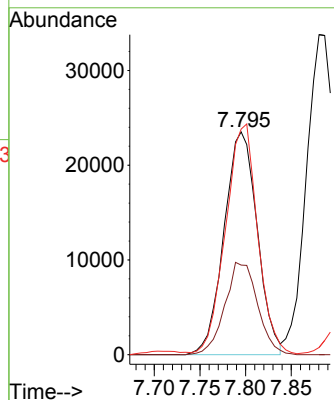
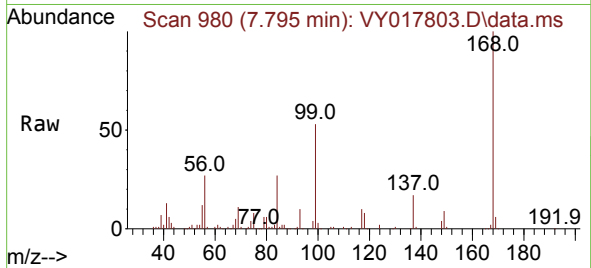




#31
Cyclohexane
Concen: 19.332 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

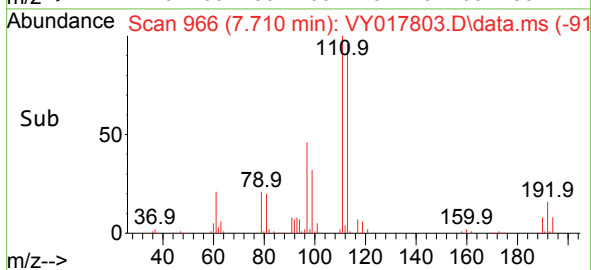
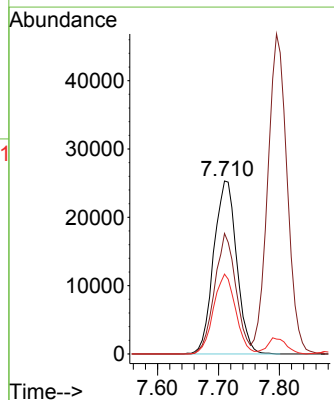
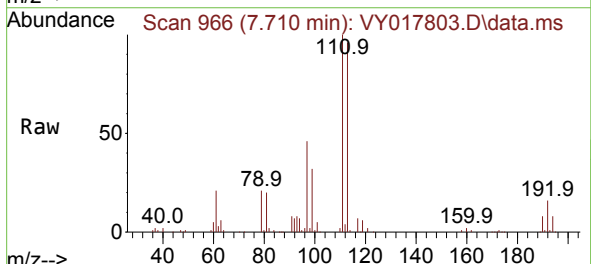
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

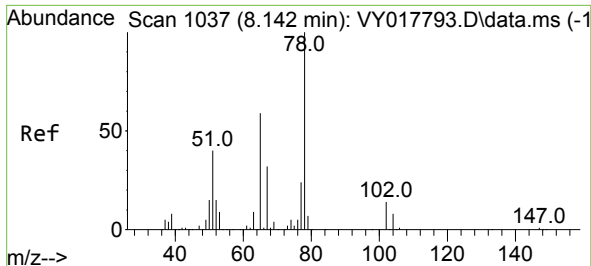
Tgt Ion: 56 Resp: 59448
Ion Ratio Lower Upper
56 100
69 40.3 28.7 43.1
84 100.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.200 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 97 Resp: 66352
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 44.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 119.531 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

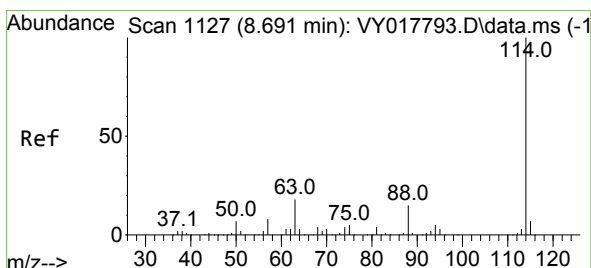
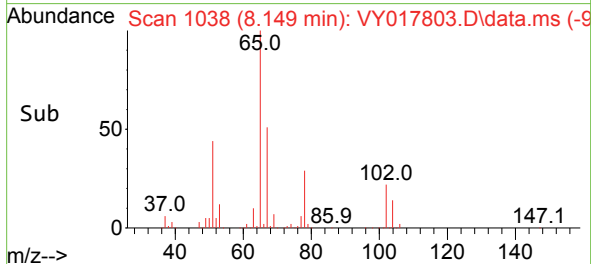
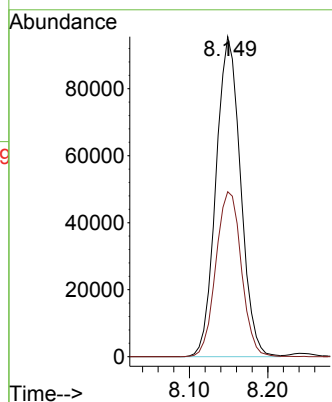
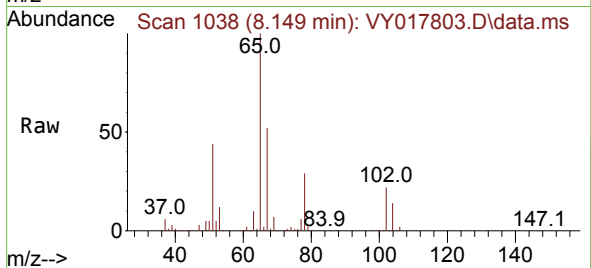
VY0401SBS02

Tgt Ion: 65 Resp: 208654

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

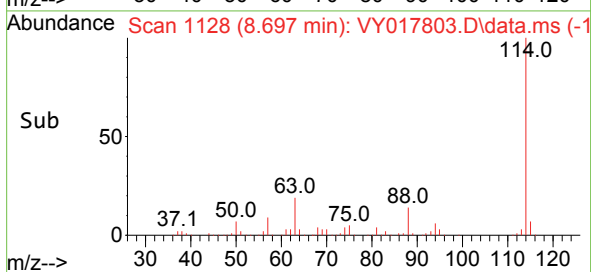
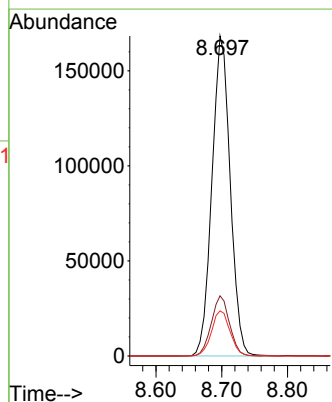
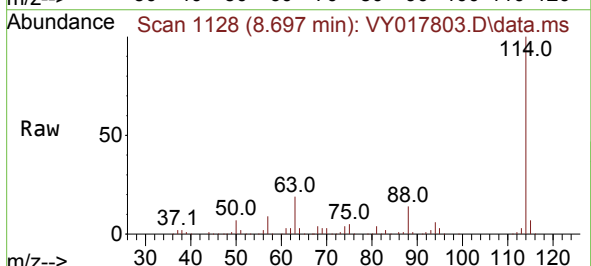
Tgt Ion: 114 Resp: 325332

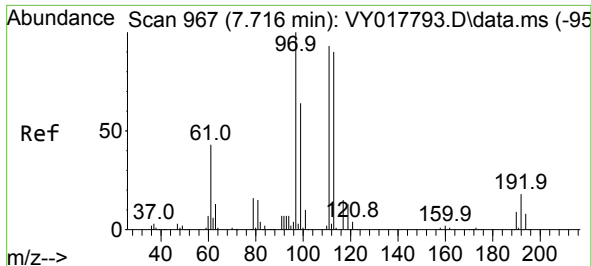
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.1 0.0 27.2

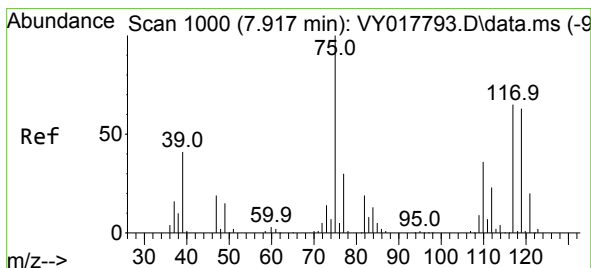
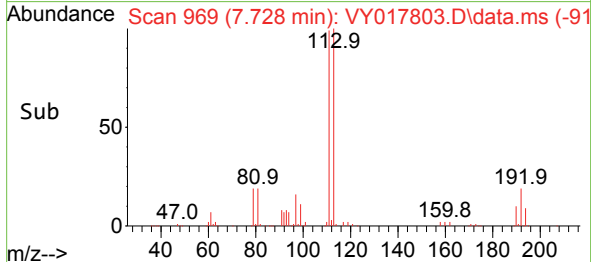
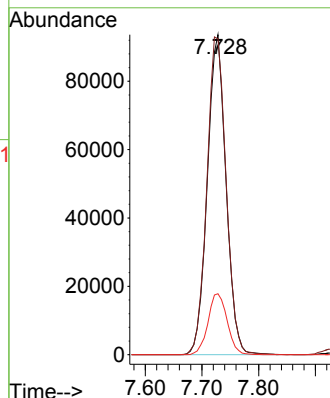
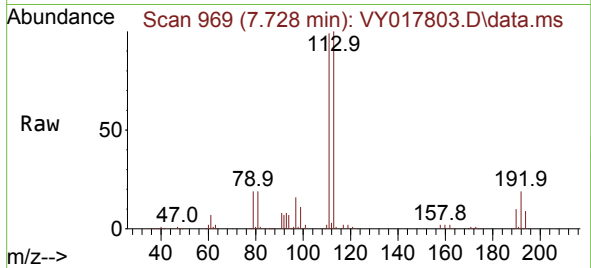




#35
Dibromofluoromethane
Concen: 114.105 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

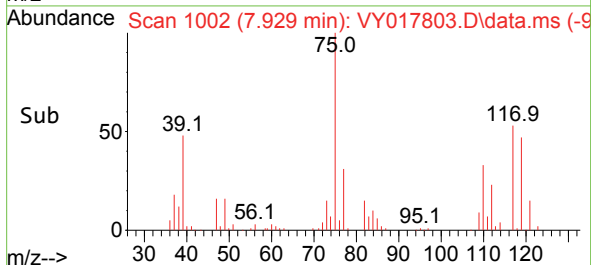
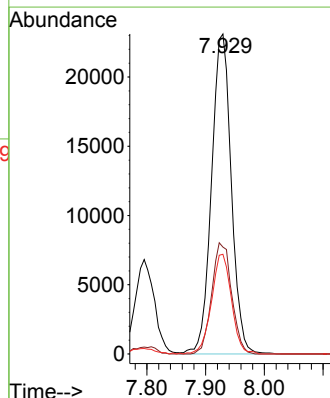
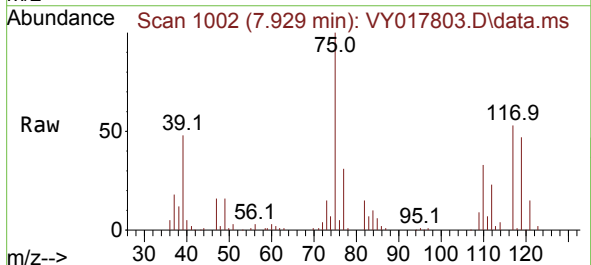
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

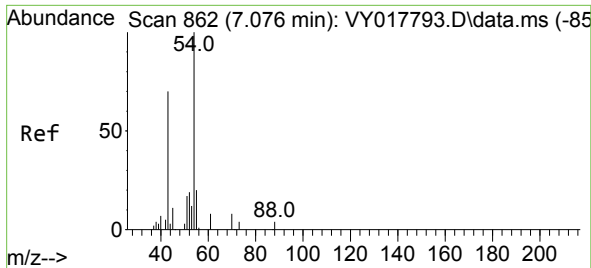
Tgt Ion:113 Resp: 214507
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.679 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 75 Resp: 53978
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.5 25.3 37.9

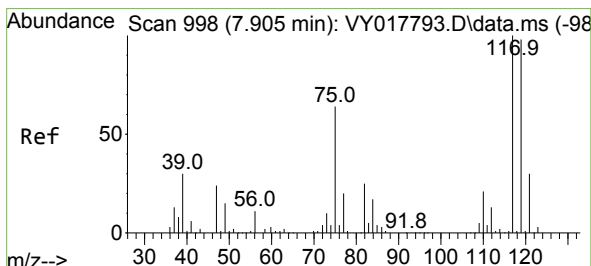
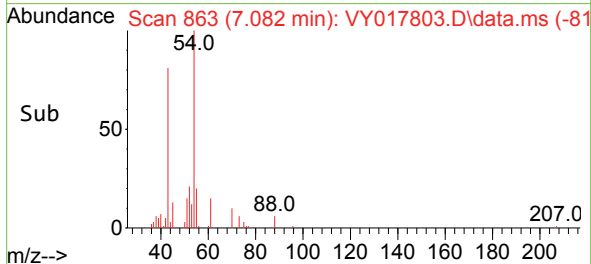
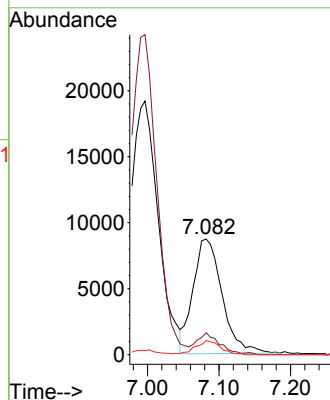
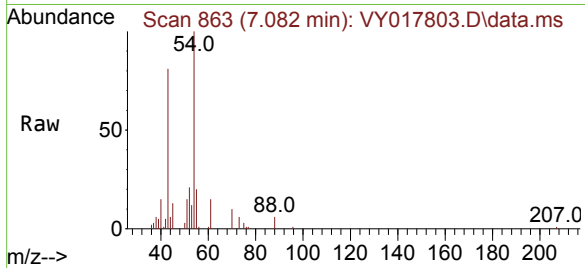




#37
Ethyl Acetate
Concen: 20.781 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

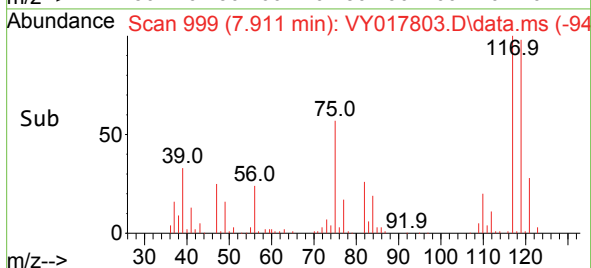
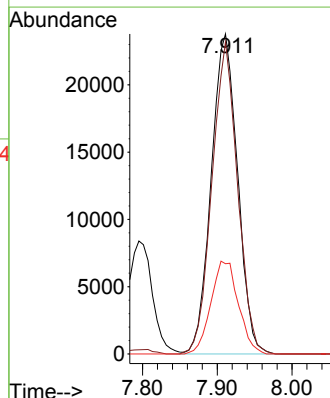
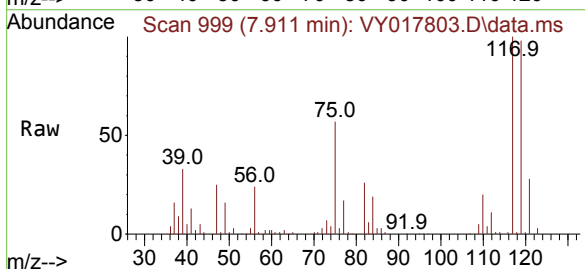
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

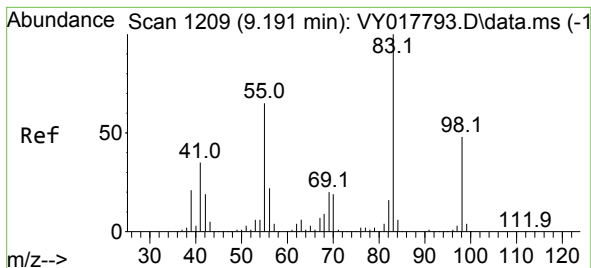
Tgt Ion: 43 Resp: 24599
Ion Ratio Lower Upper
43 100
61 15.2 12.6 19.0
70 10.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.487 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 117 Resp: 58337
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
121 28.2 24.0 36.0





#39

Methylcyclohexane

Concen: 18.580 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

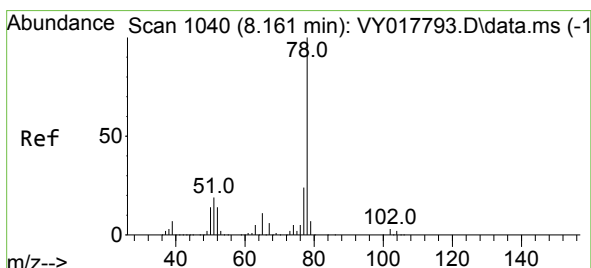
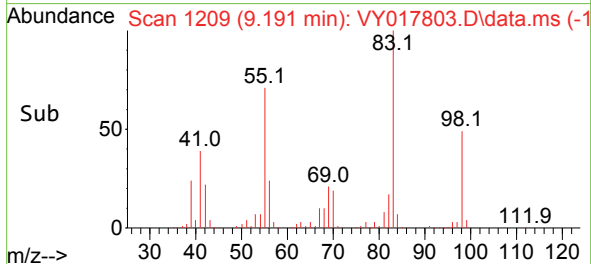
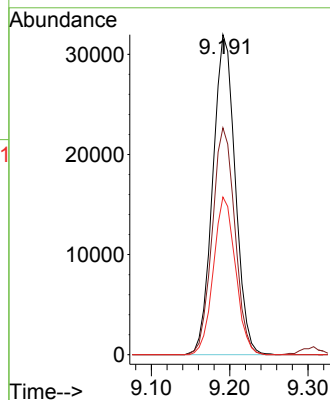
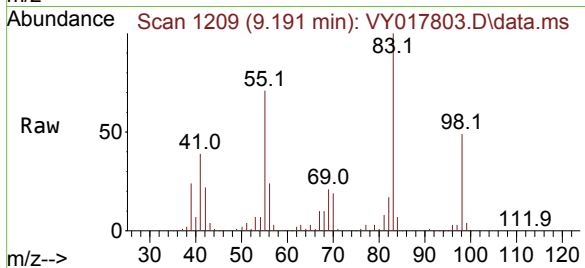
Tgt Ion: 83 Resp: 63660

Ion Ratio Lower Upper

83 100

55 70.9 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 20.303 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017803.D

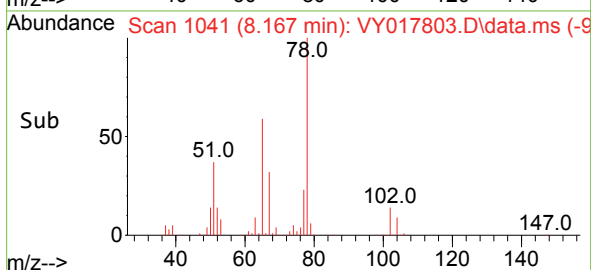
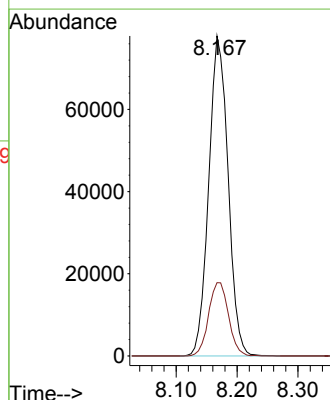
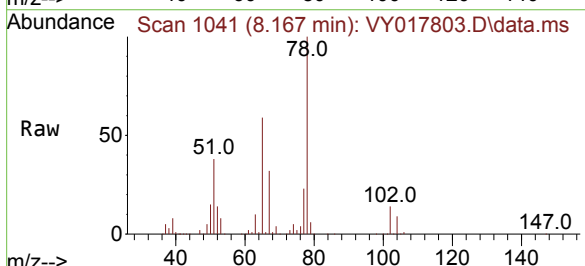
Acq: 01 Apr 2024 12:24

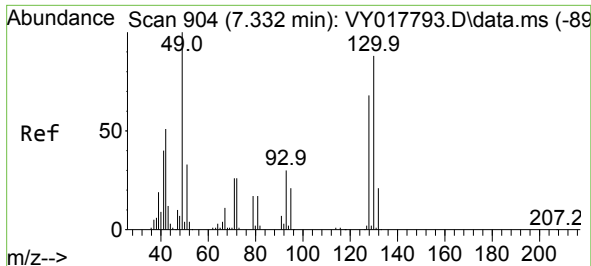
Tgt Ion: 78 Resp: 171624

Ion Ratio Lower Upper

78 100

77 22.9 19.5 29.3

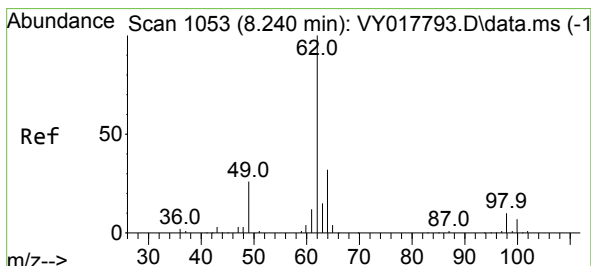
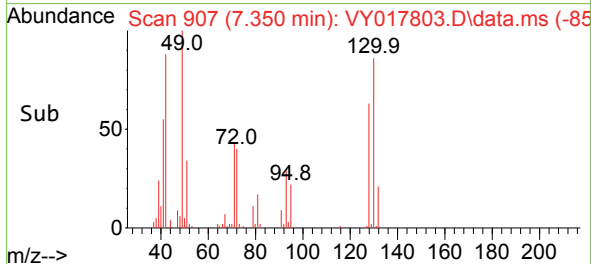
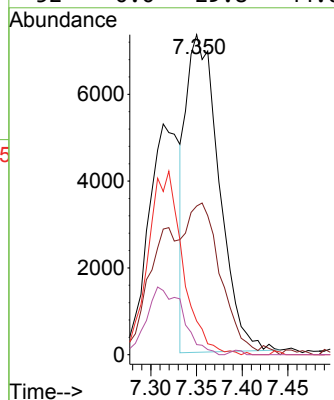
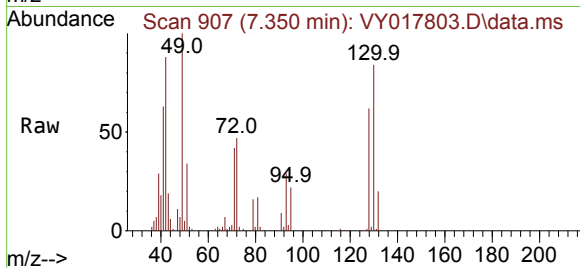




#41
Methacrylonitrile
Concen: 29.399 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

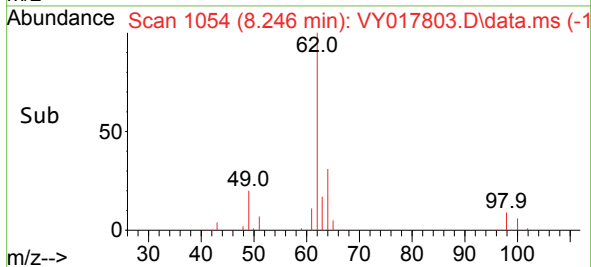
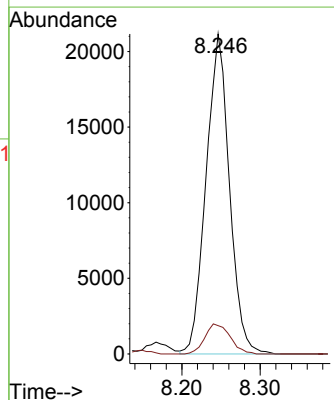
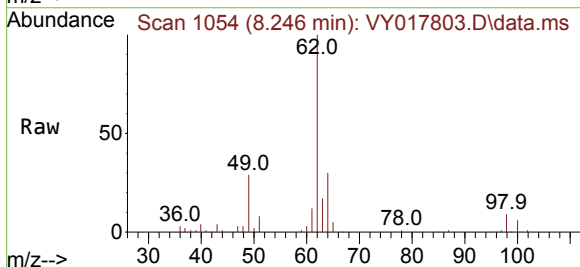
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

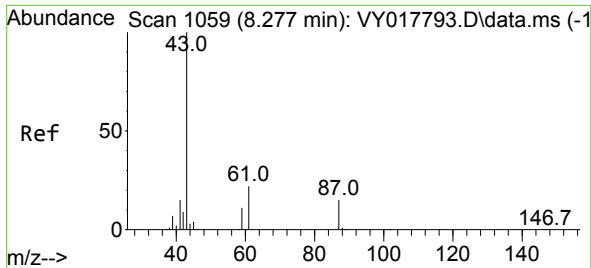
Tgt Ion: 41 Resp: 18367
Ion Ratio Lower Upper
41 100
39 50.1 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.082 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 62 Resp: 43864
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





#43

Isopropyl Acetate

Concen: 20.628 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

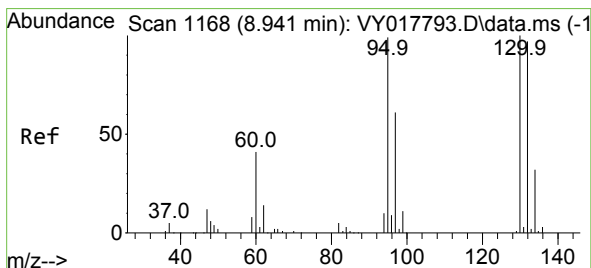
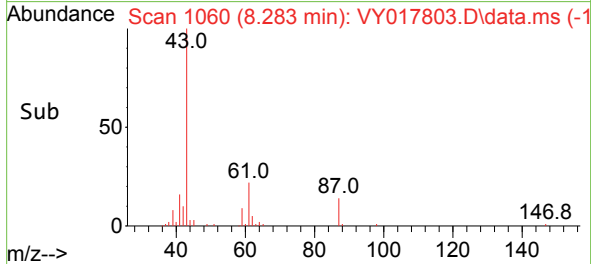
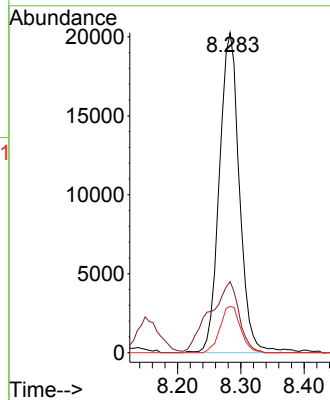
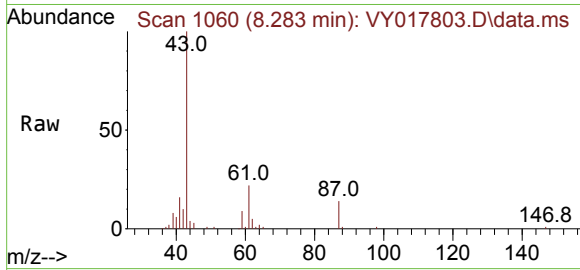
Tgt Ion: 43 Resp: 44312

Ion Ratio Lower Upper

43 100

61 32.6 27.9 41.9

87 14.8 13.1 19.7



#44

Trichloroethene

Concen: 19.627 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017803.D

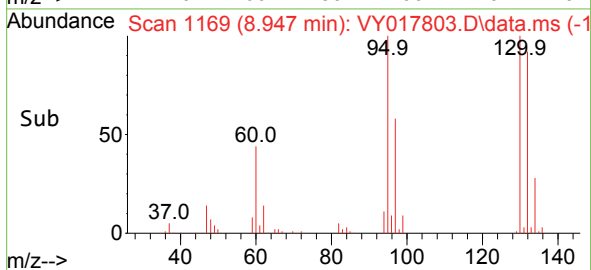
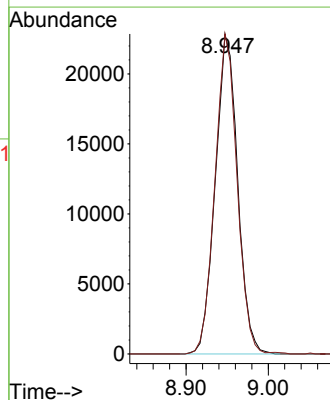
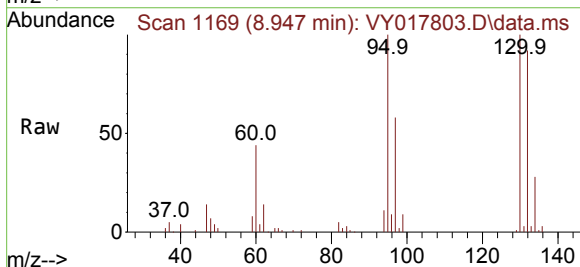
Acq: 01 Apr 2024 12:24

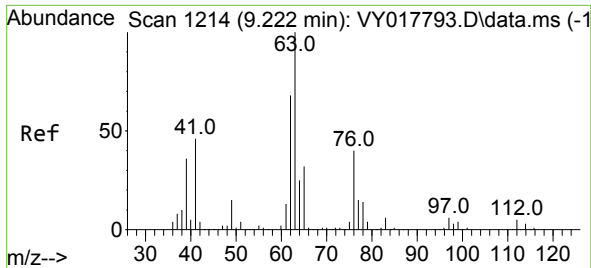
Tgt Ion: 130 Resp: 43165

Ion Ratio Lower Upper

130 100

95 100.1 0.0 188.0

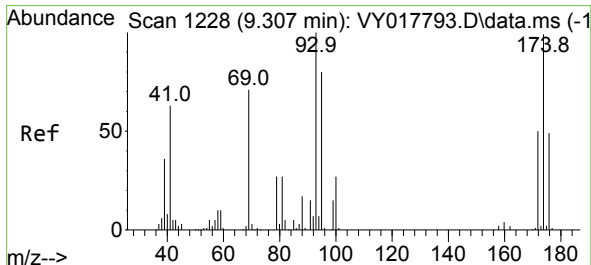
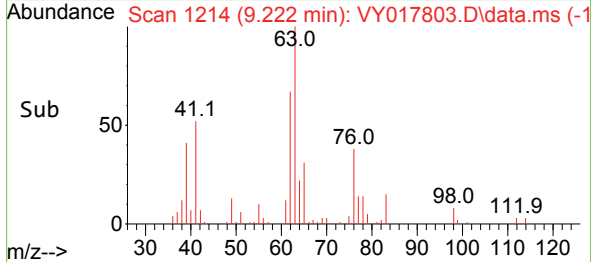
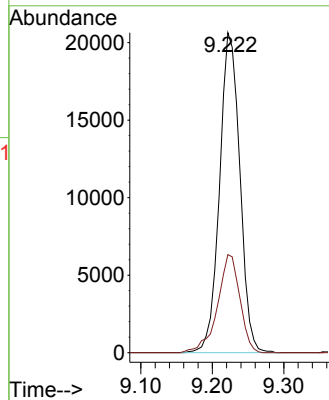
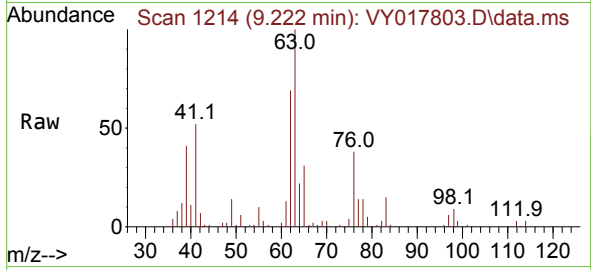




#45
1,2-Dichloropropane
Concen: 20.714 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

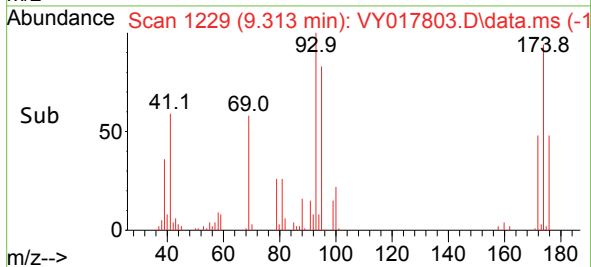
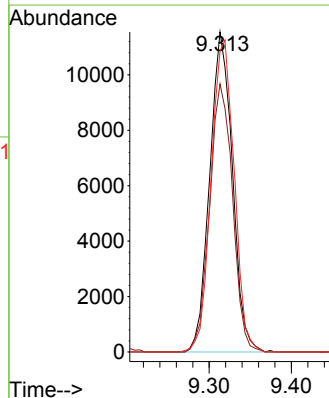
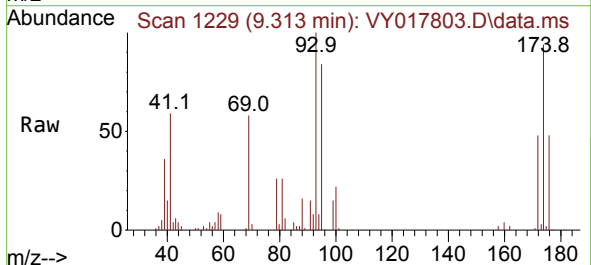
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

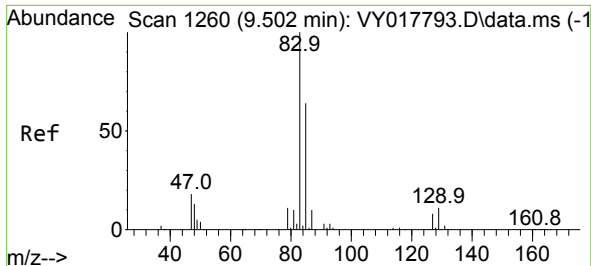
Tgt Ion: 63 Resp: 40687
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2



#46
Dibromomethane
Concen: 19.865 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 93 Resp: 22168
Ion Ratio Lower Upper
93 100
95 84.5 66.2 99.4
174 98.8 80.9 121.3

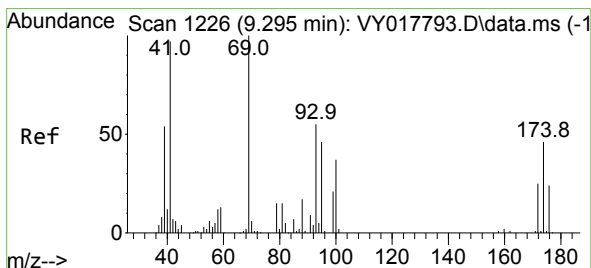
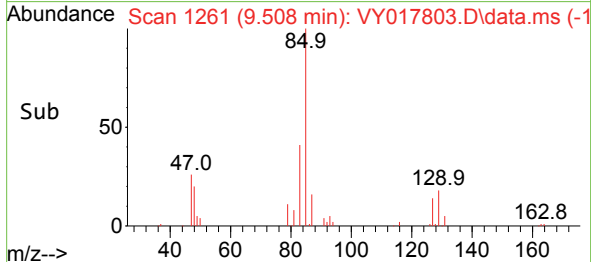
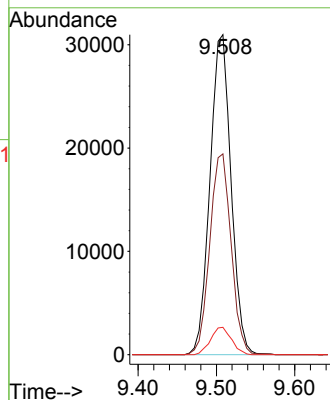
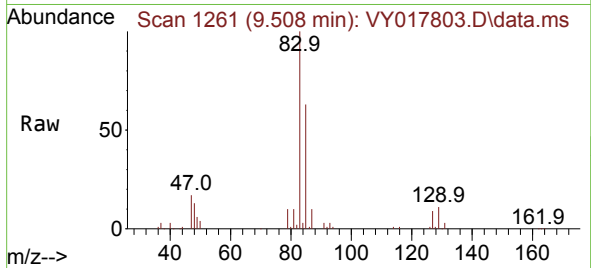




#47
Bromodichloromethane
Concen: 20.529 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

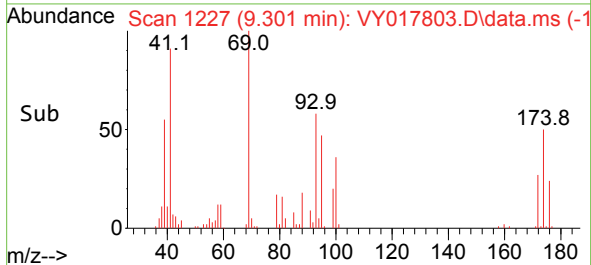
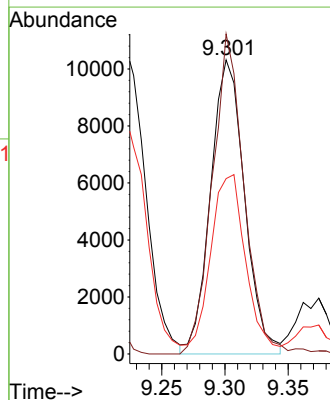
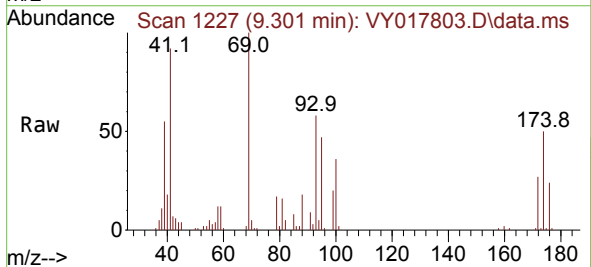
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

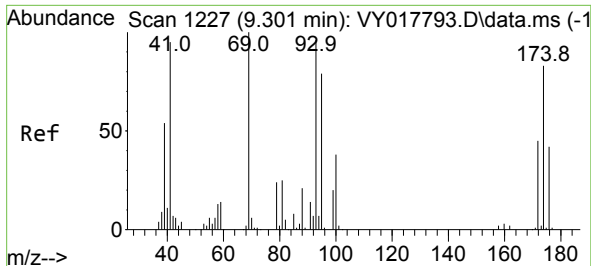
Tgt Ion: 83 Resp: 57888
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 23.193 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 41 Resp: 19311
Ion Ratio Lower Upper
41 100
69 102.0 84.1 126.1
39 58.0 43.6 65.4





#49

1,4-Dioxane

Concen: 385.141 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017803.D

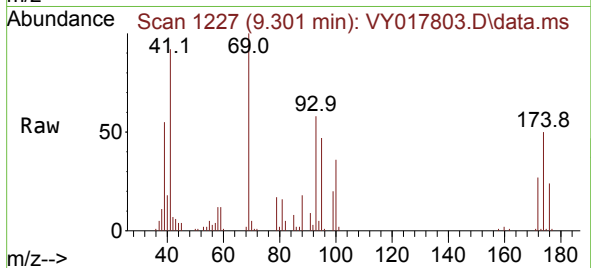
Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02



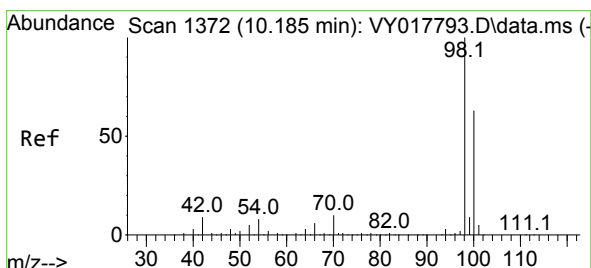
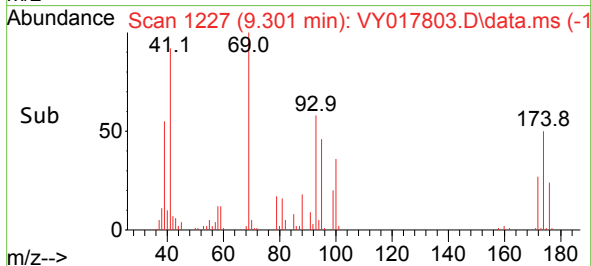
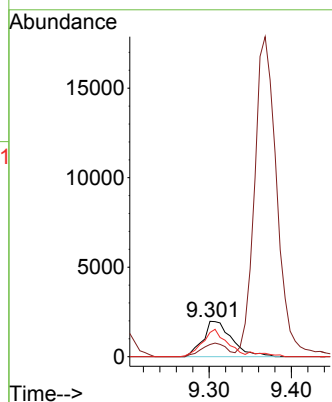
Tgt Ion: 88 Resp: 4825

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 65.0 49.3 73.9



#50

Toluene-d8

Concen: 119.275 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017803.D

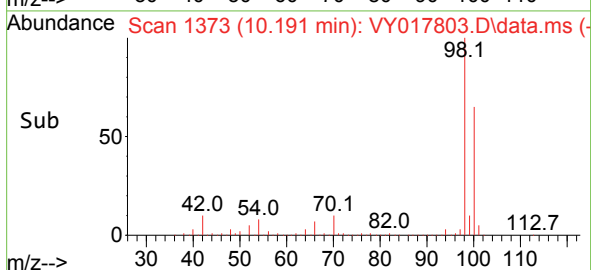
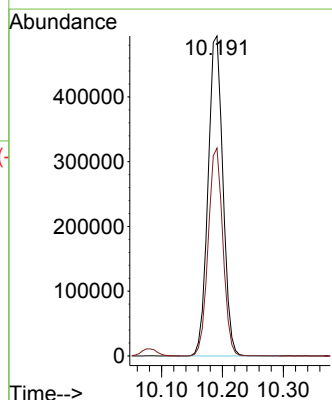
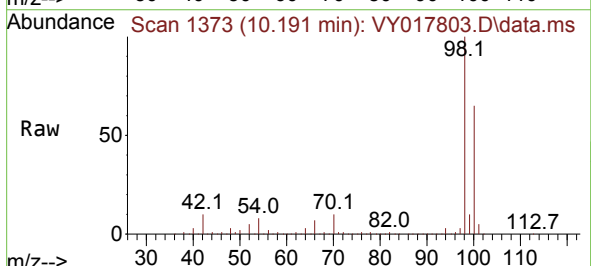
Acq: 01 Apr 2024 12:24

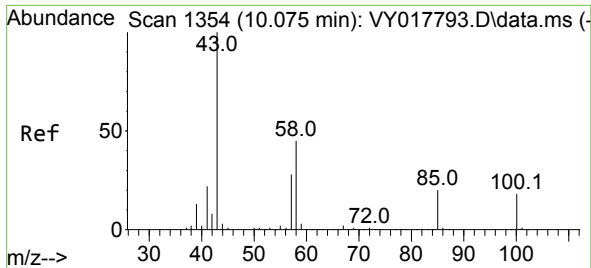
Tgt Ion: 98 Resp: 837582

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

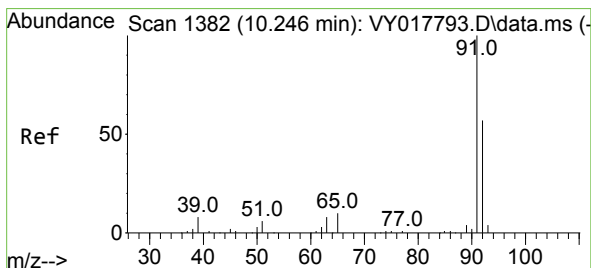
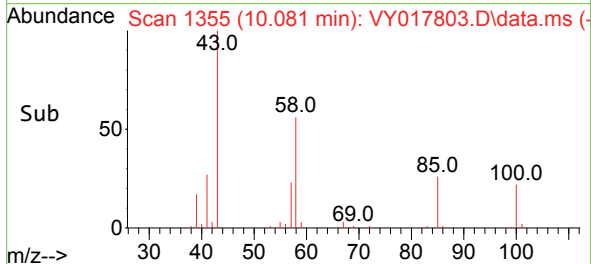
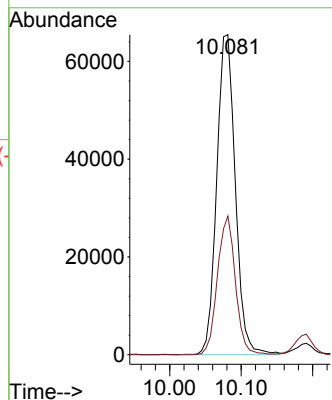
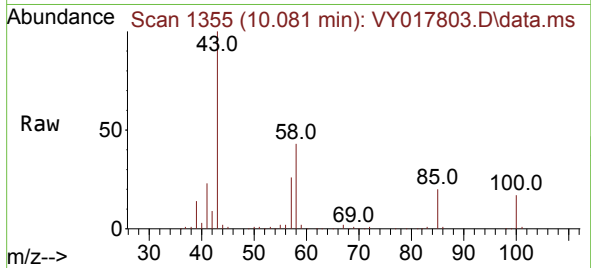




#51
4-Methyl-2-Pentanone
Concen: 119.908 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

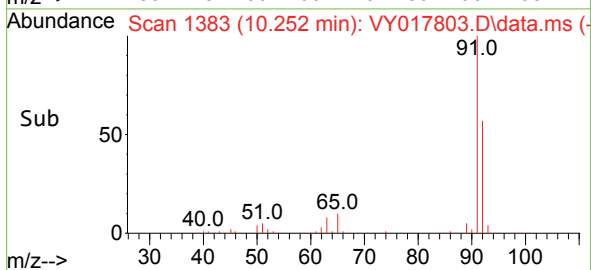
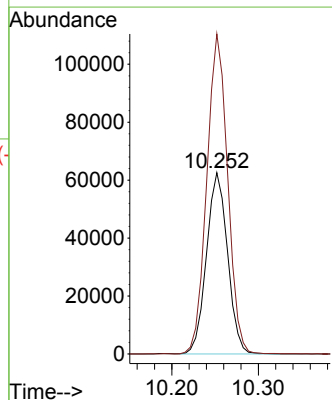
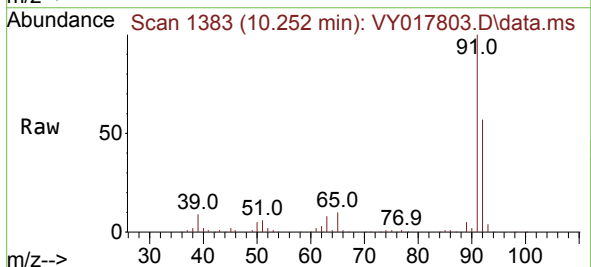
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

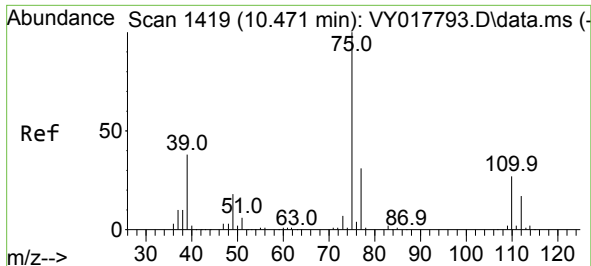
Tgt Ion: 43 Resp: 118440
Ion Ratio Lower Upper
43 100
58 41.8 35.7 53.5



#52
Toluene
Concen: 20.618 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 92 Resp: 105717
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.6

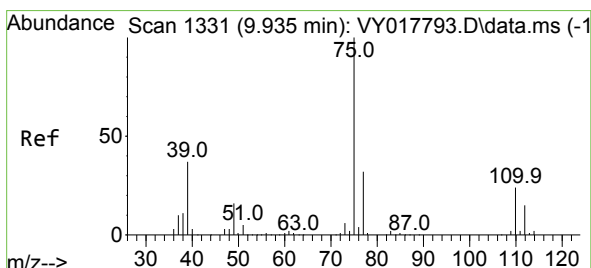
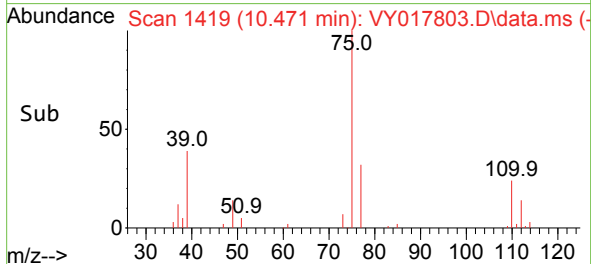
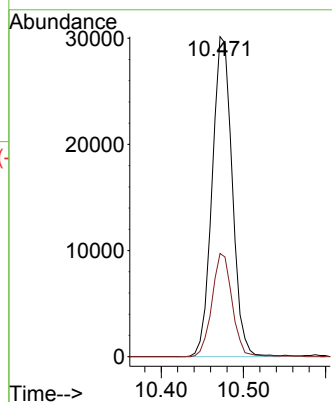
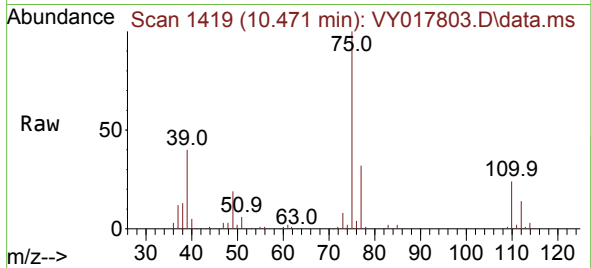




#53
 t-1,3-Dichloropropene
 Concen: 20.427 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

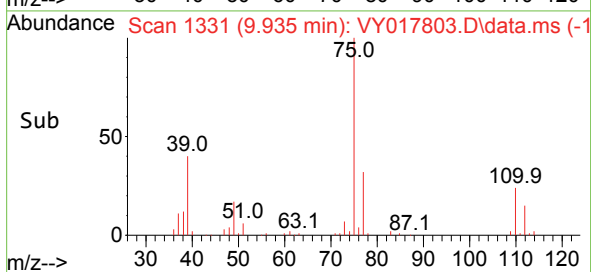
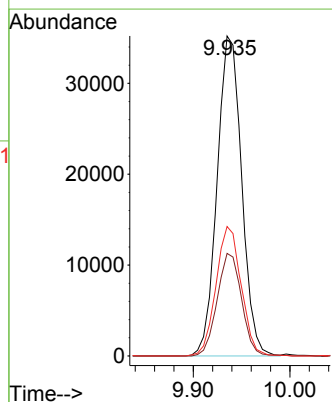
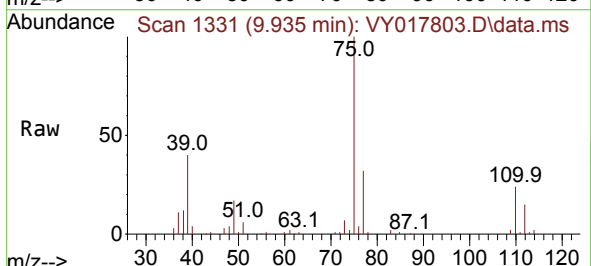
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS02

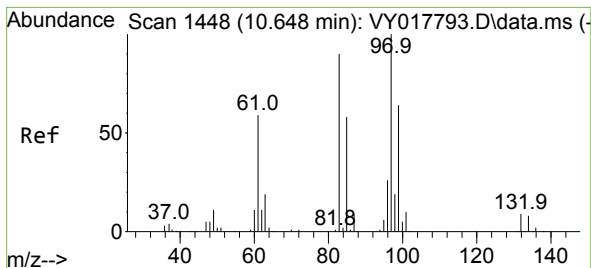
Tgt Ion: 75 Resp: 51143
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.302 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017803.D
 Acq: 01 Apr 2024 12:24

Tgt Ion: 75 Resp: 62037
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 40.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.167 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

Tgt Ion: 97 Resp: 29988

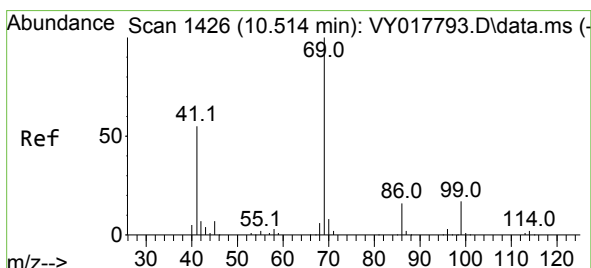
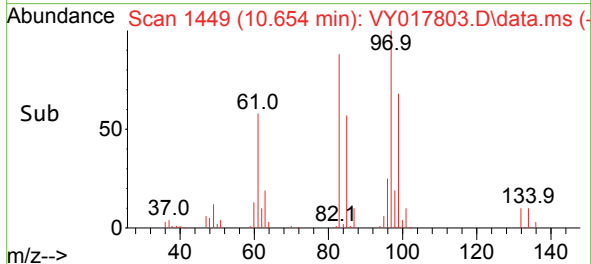
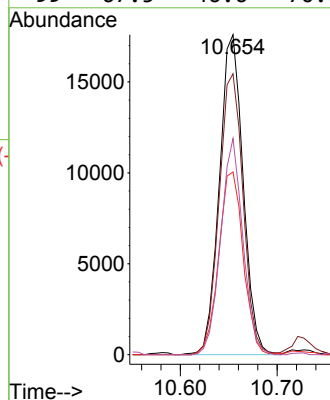
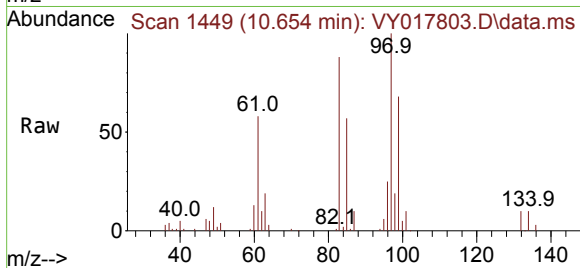
Ion Ratio Lower Upper

97 100

83 87.8 67.5 101.3

85 57.1 42.9 64.3

99 67.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 22.921 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

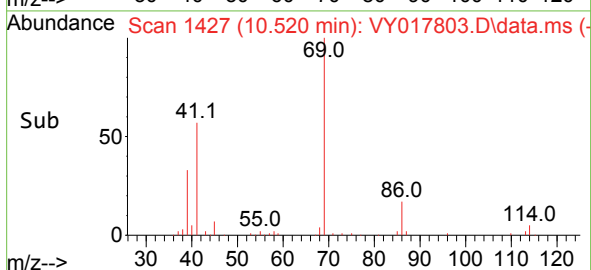
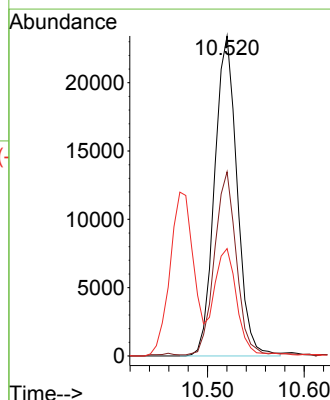
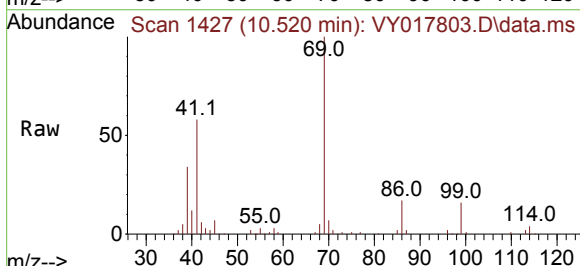
Tgt Ion: 69 Resp: 37827

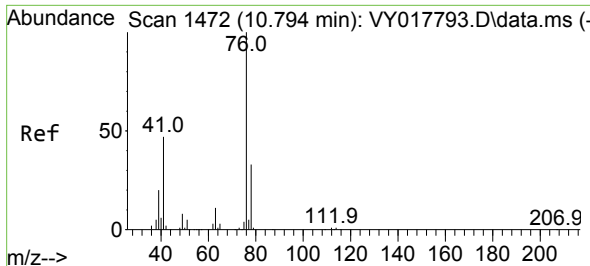
Ion Ratio Lower Upper

69 100

41 55.2 42.3 63.5

39 33.7 22.9 34.3

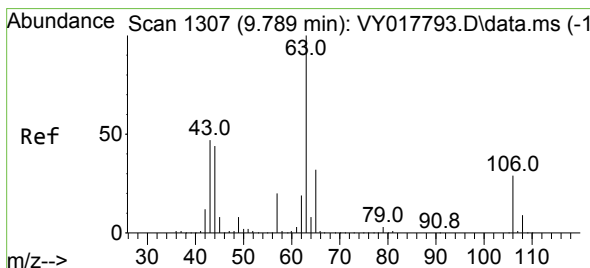
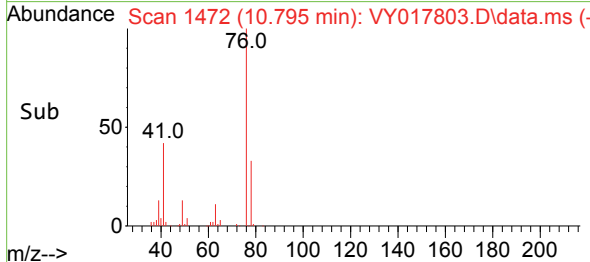
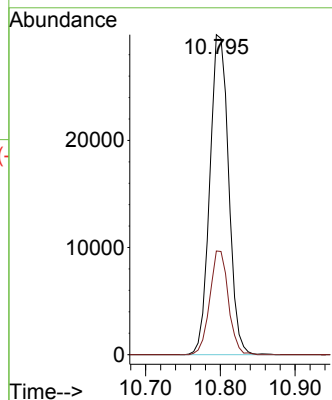
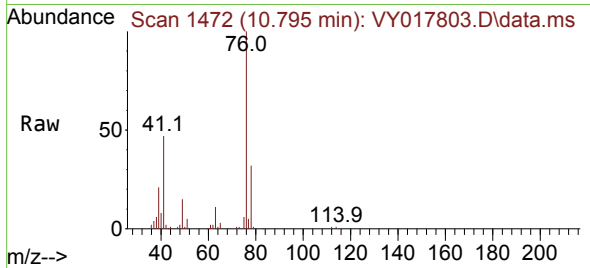




#57
1,3-Dichloropropane
Concen: 20.737 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

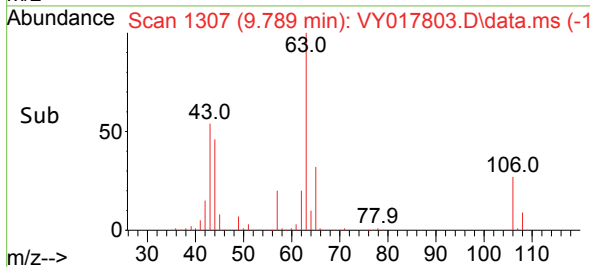
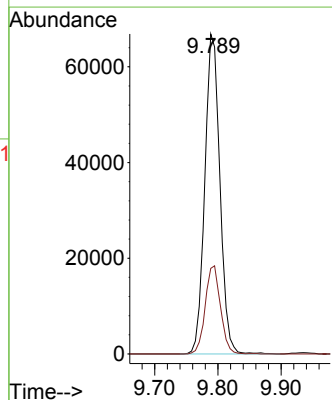
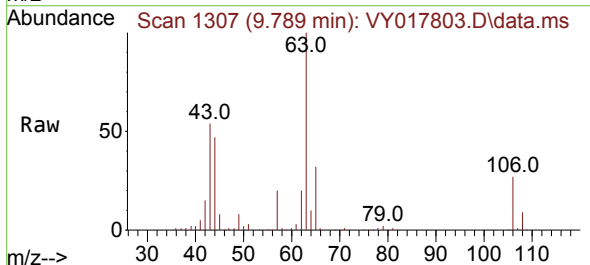
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

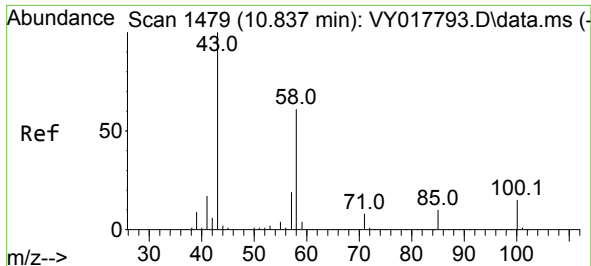
Tgt Ion: 76 Resp: 52152
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 129.776 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 63 Resp: 111151
Ion Ratio Lower Upper
63 100
106 27.8 23.7 35.5

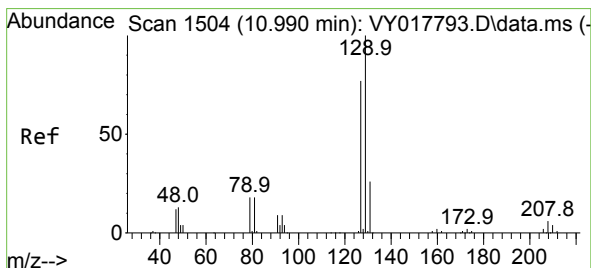
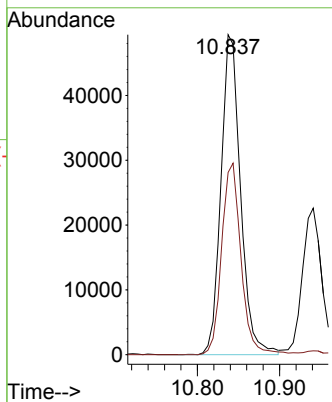
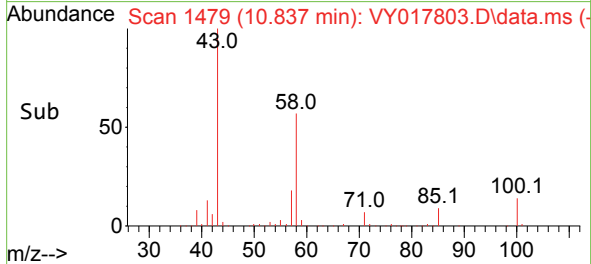
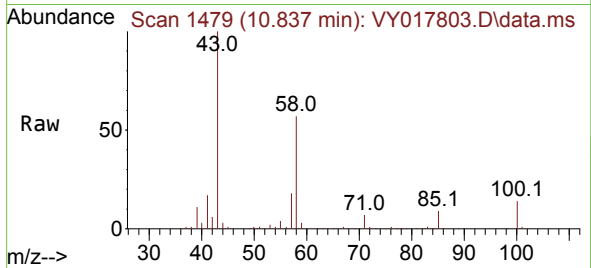




#59
2-Hexanone
Concen: 118.560 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

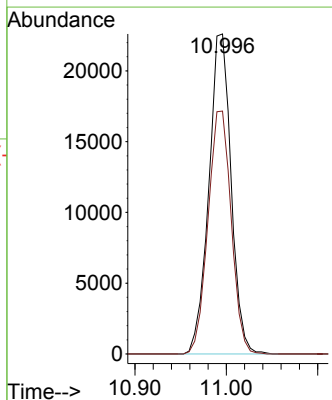
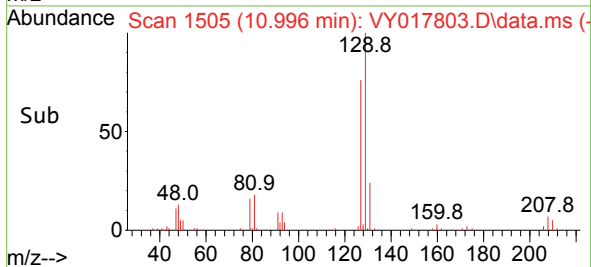
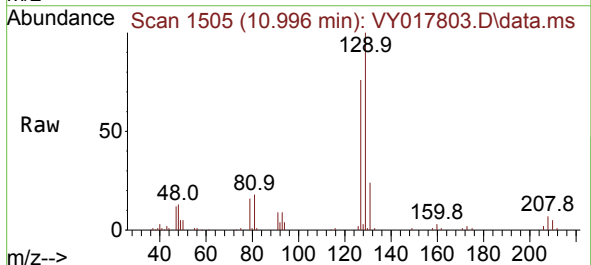
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

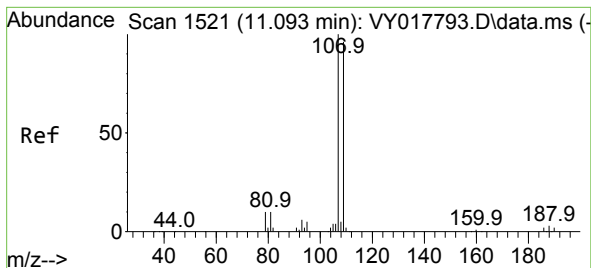
Tgt Ion: 43 Resp: 81717
Ion Ratio Lower Upper
43 100
58 59.6 31.4 94.0



#60
Dibromochloromethane
Concen: 20.384 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 129 Resp: 38230
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

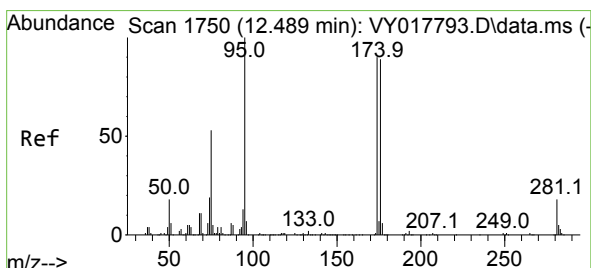
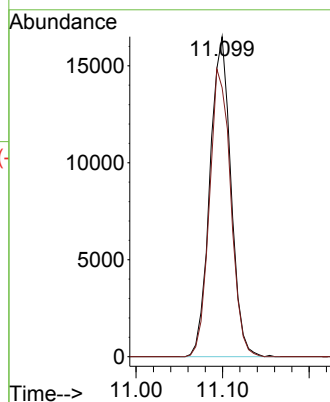
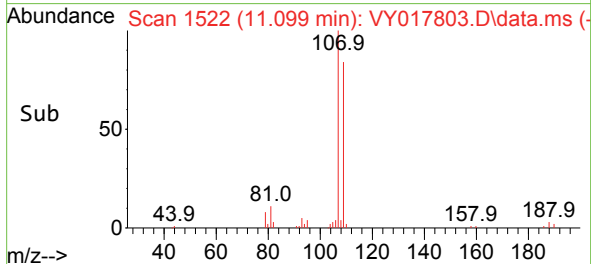
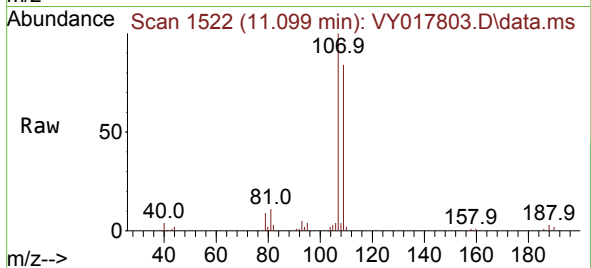




#61
1,2-Dibromoethane
Concen: 20.475 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

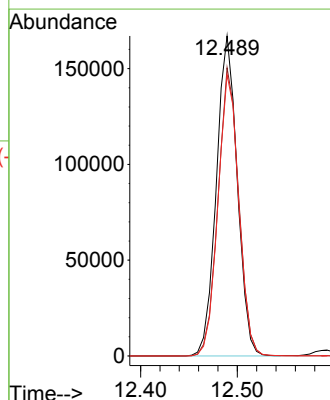
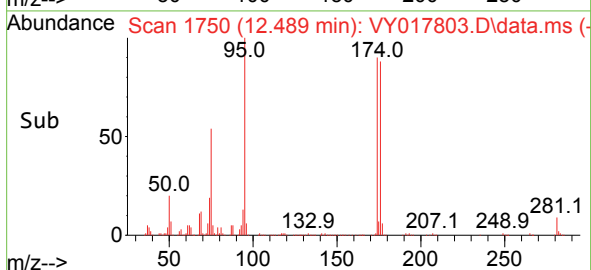
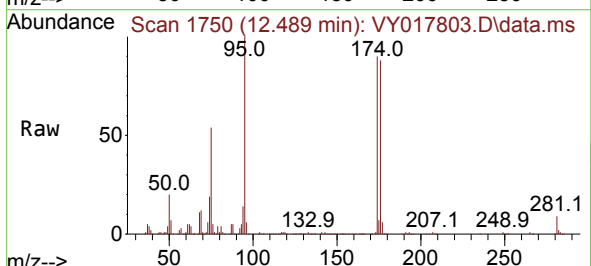
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

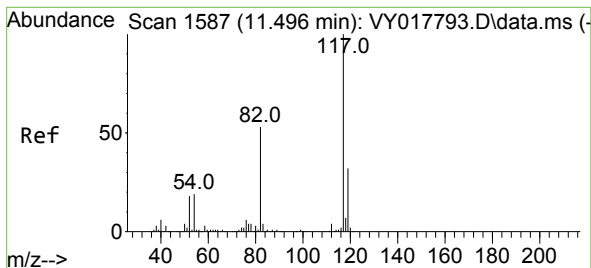
Tgt Ion:107 Resp: 27762
Ion Ratio Lower Upper
107 100
109 91.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 117.175 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 95 Resp: 250348
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

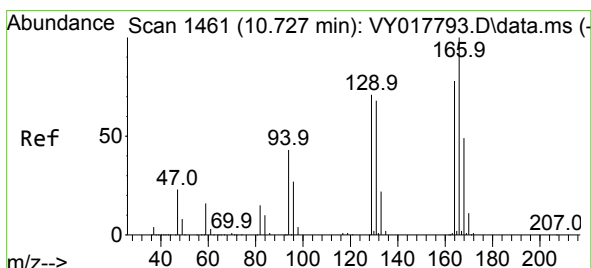
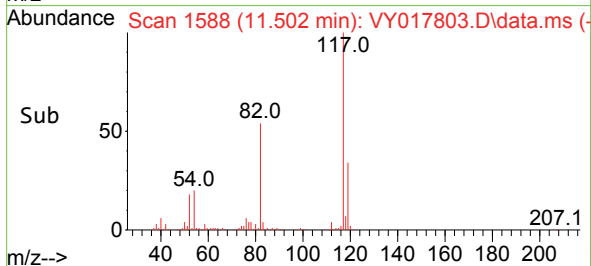
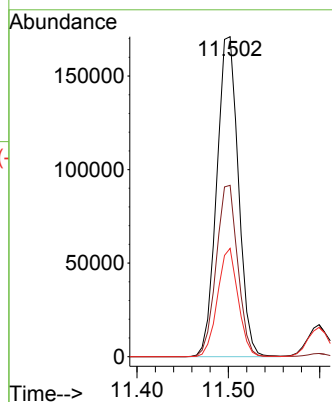
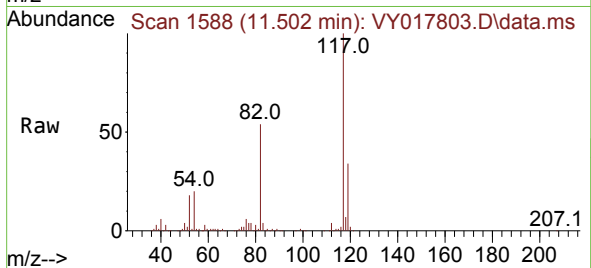
Tgt Ion:117 Resp: 281568

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 33.9 25.9 38.9



#64

Tetrachloroethene

Concen: 20.301 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Tgt Ion:164 Resp: 49857

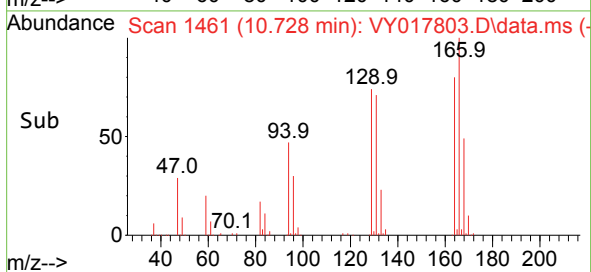
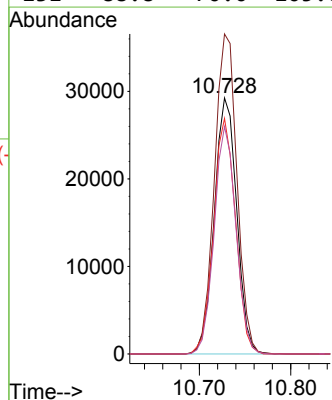
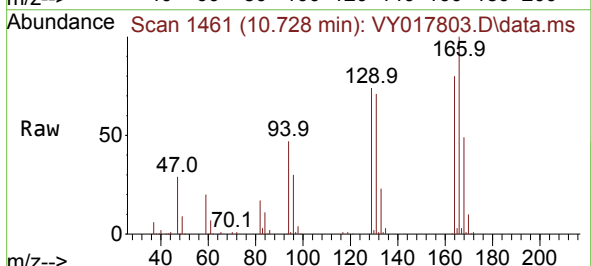
Ion Ratio Lower Upper

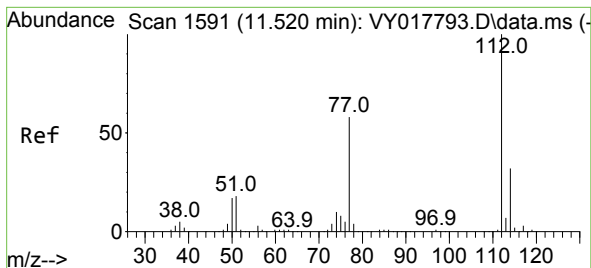
164 100

166 125.0 102.6 154.0

129 92.0 72.0 108.0

131 88.8 70.0 105.0

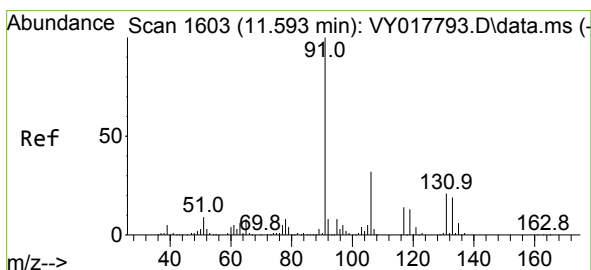
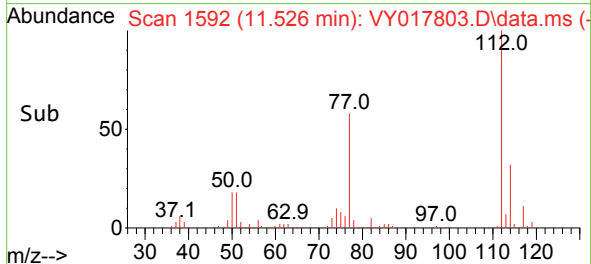
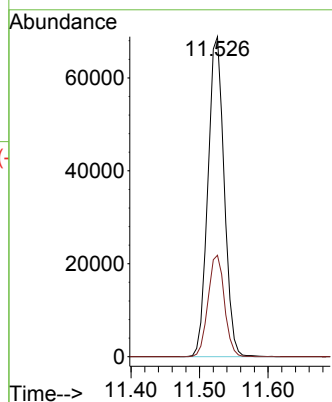
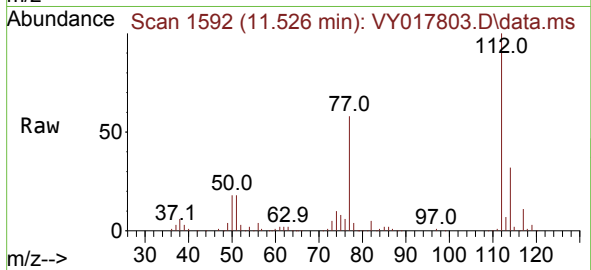




#65
Chlorobenzene
Concen: 19.666 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

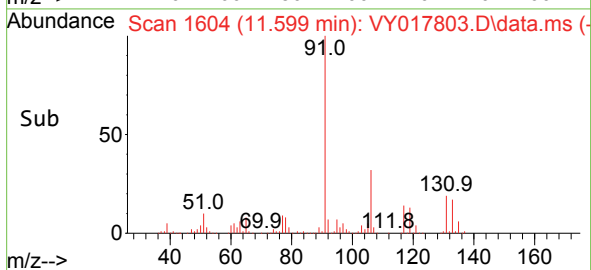
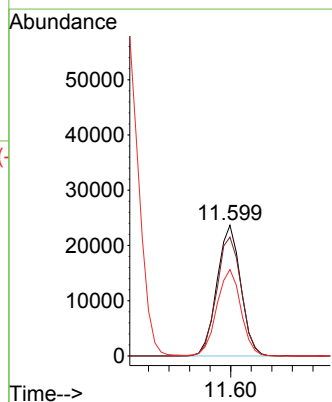
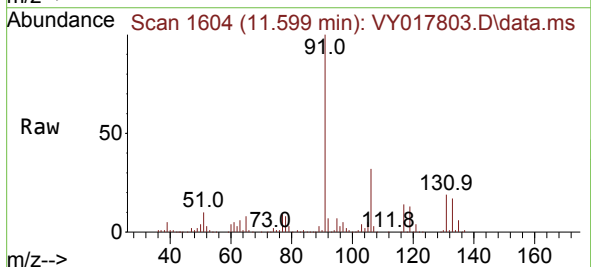
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

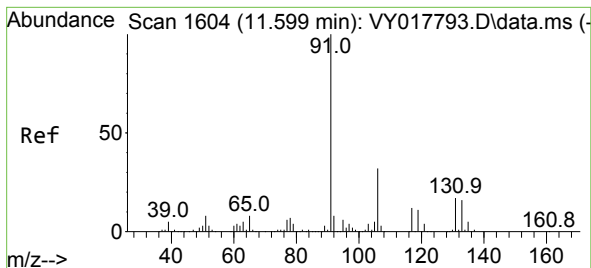
Tgt Ion:112 Resp: 113587
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.251 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion:131 Resp: 37754
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 19.655 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

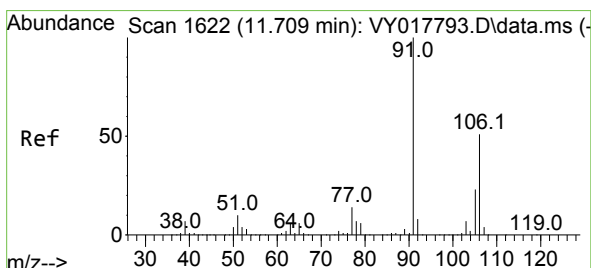
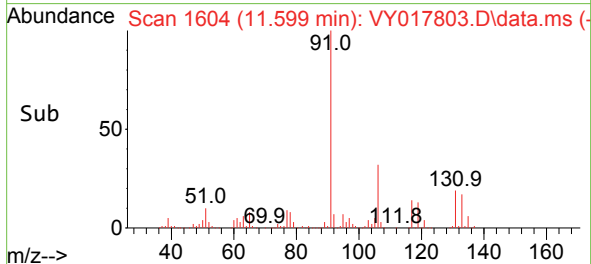
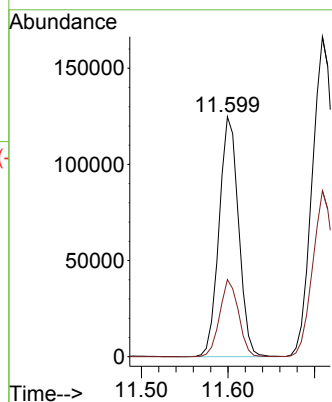
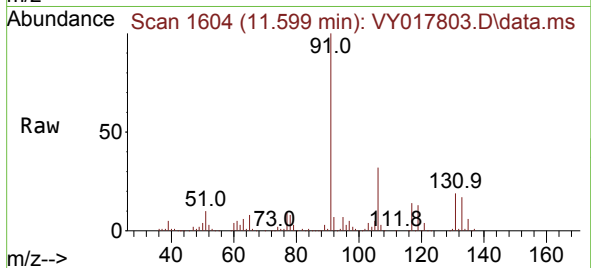
VY0401SBS02

Tgt Ion: 91 Resp: 195153

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 39.794 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017803.D

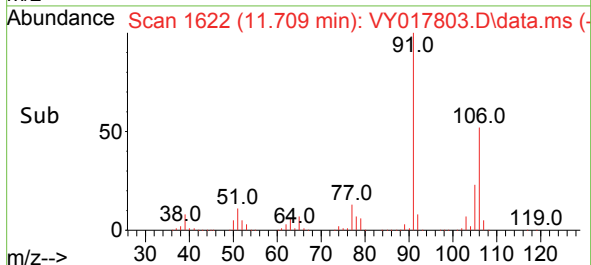
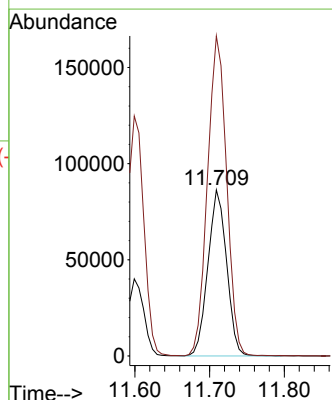
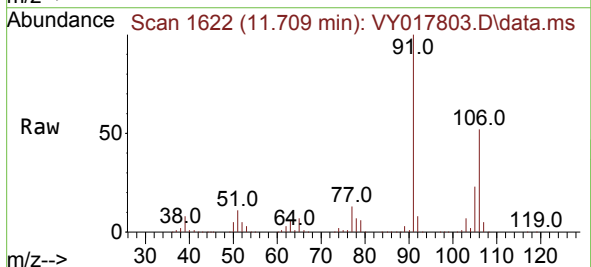
Acq: 01 Apr 2024 12:24

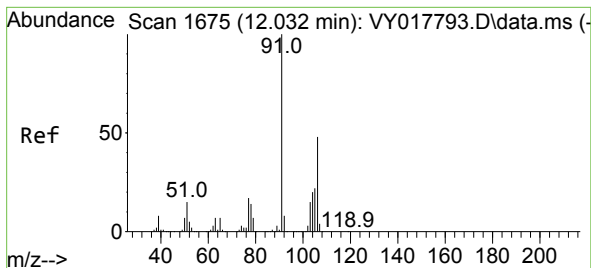
Tgt Ion: 106 Resp: 149848

Ion Ratio Lower Upper

106 100

91 196.8 156.0 234.0





#69

o-Xylene

Concen: 23.552 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

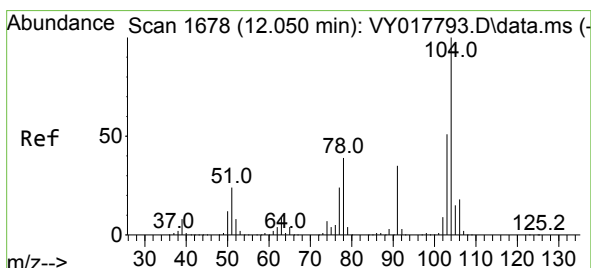
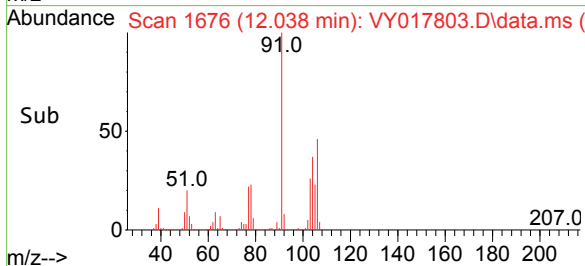
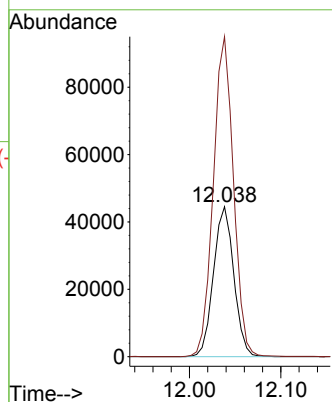
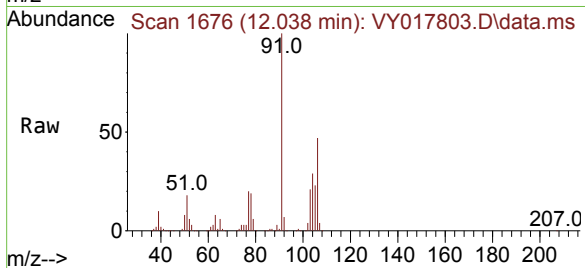
VY0401SBS02

Tgt Ion:106 Resp: 68759

Ion Ratio Lower Upper

106 100

91 212.0 103.6 310.8



#70

Styrene

Concen: 23.514 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

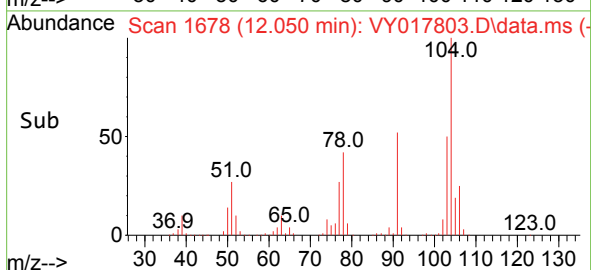
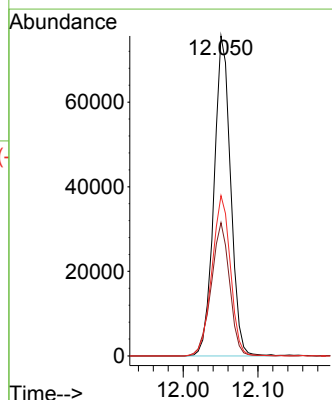
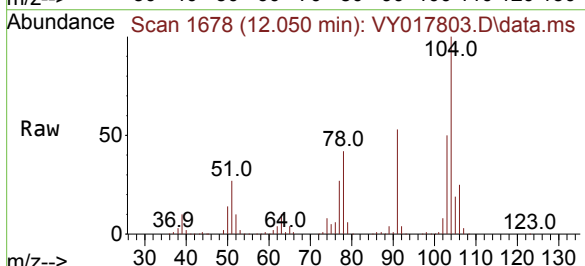
Tgt Ion:104 Resp: 117143

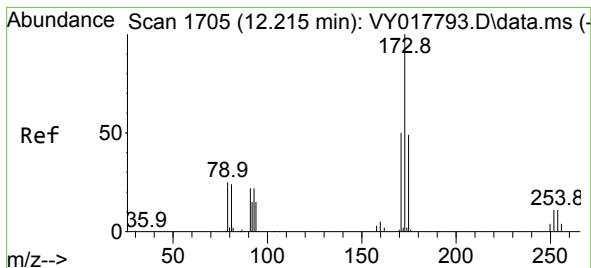
Ion Ratio Lower Upper

104 100

78 46.0 37.0 55.4

103 55.5 44.2 66.2





#71

Bromoform

Concen: 19.735 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

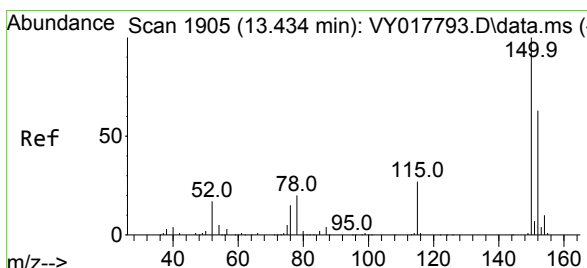
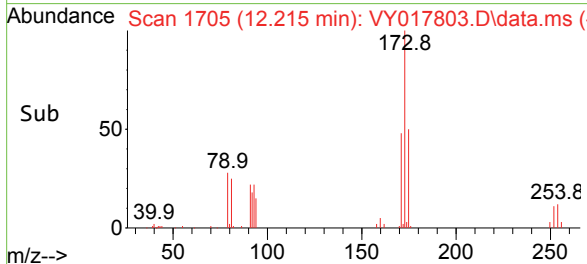
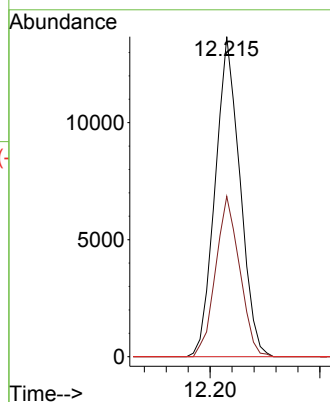
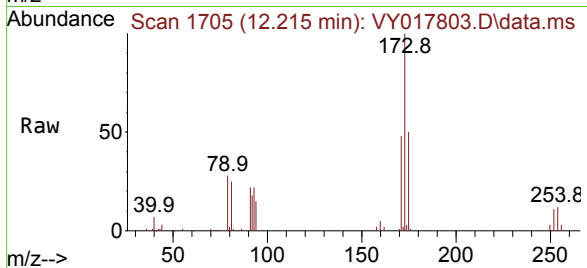
Tgt Ion:173 Resp: 21454

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

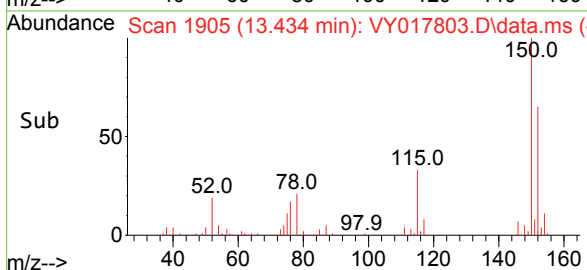
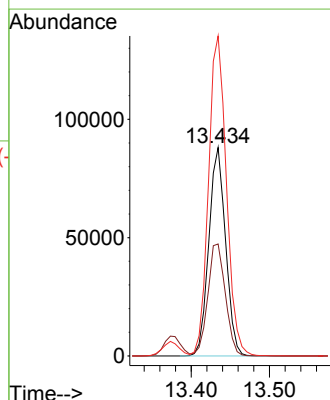
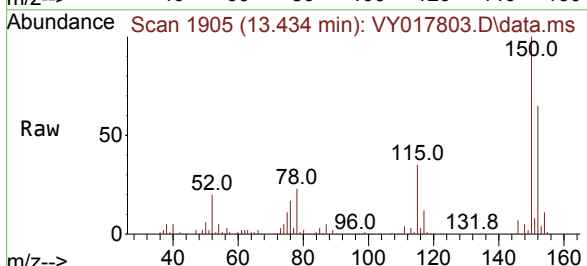
Tgt Ion:152 Resp: 130872

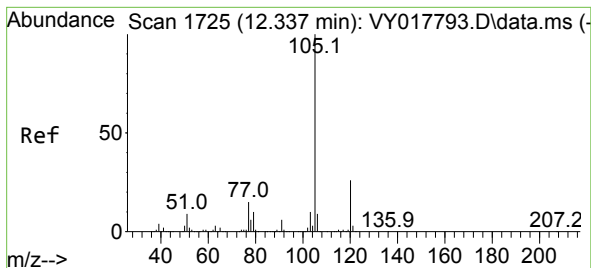
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 163.7 0.0 345.6





#73

Isopropylbenzene

Concen: 19.855 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

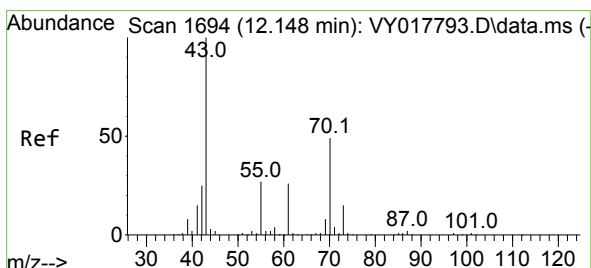
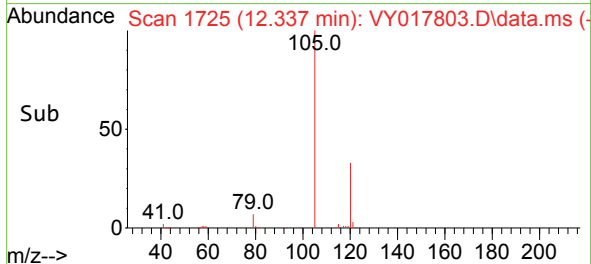
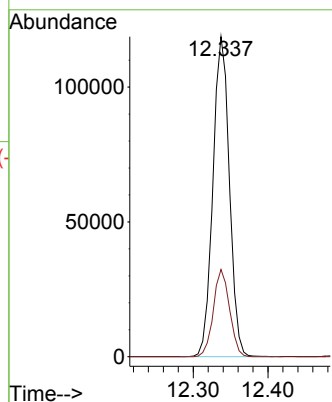
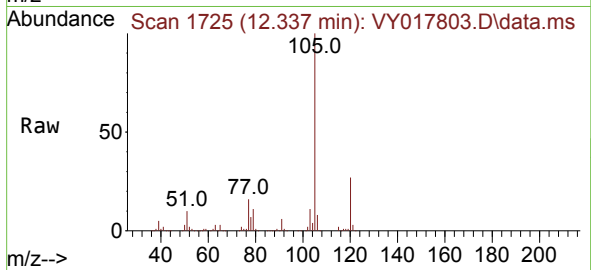
VY0401SBS02

Tgt Ion:105 Resp: 182097

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 23.581 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Tgt Ion: 43 Resp: 37095

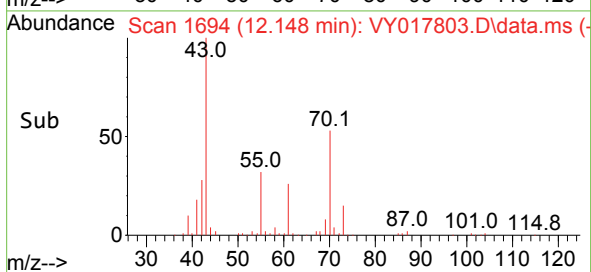
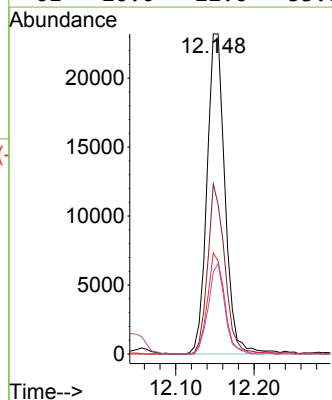
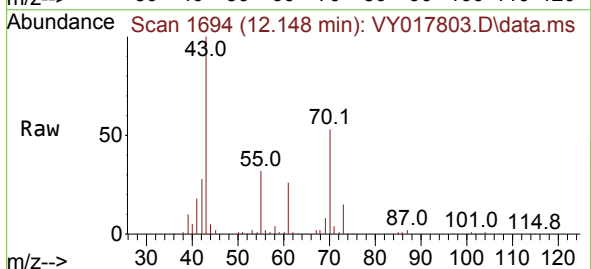
Ion Ratio Lower Upper

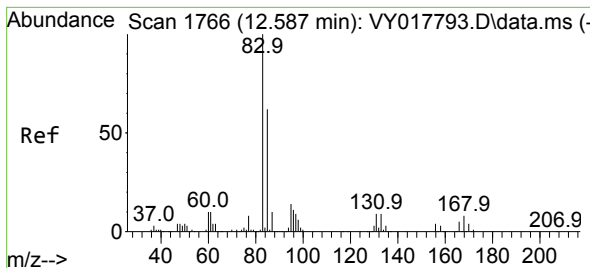
43 100

70 50.1 41.4 62.2

55 29.5 23.3 34.9

61 26.0 22.6 33.8

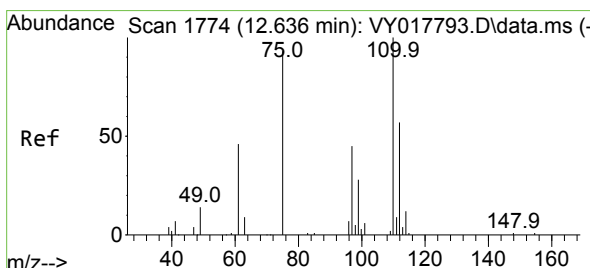
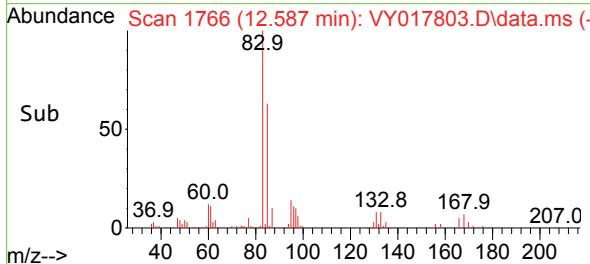
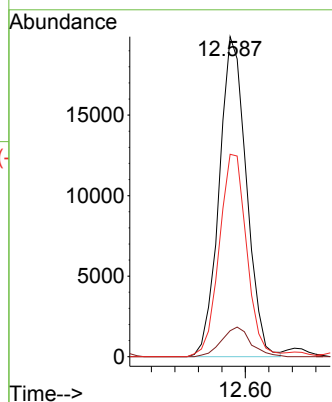
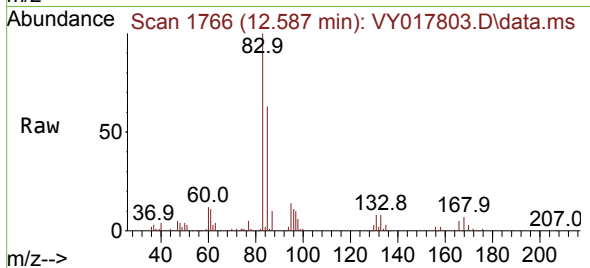




#75
1,1,2,2-Tetrachloroethane
Concen: 20.137 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

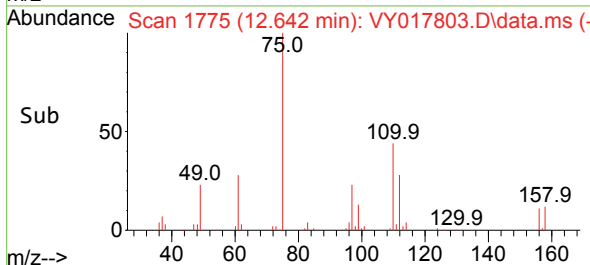
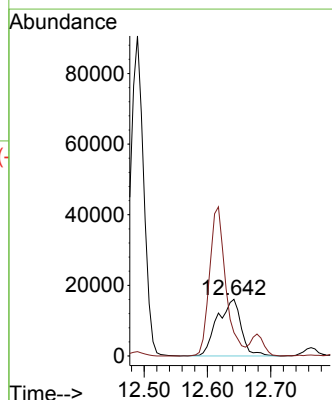
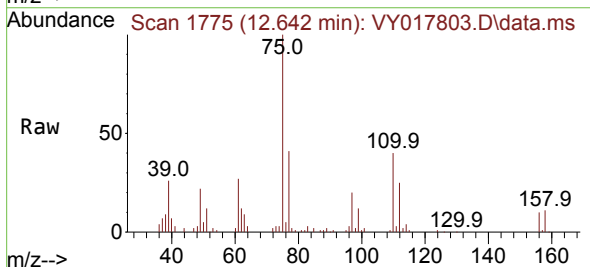
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

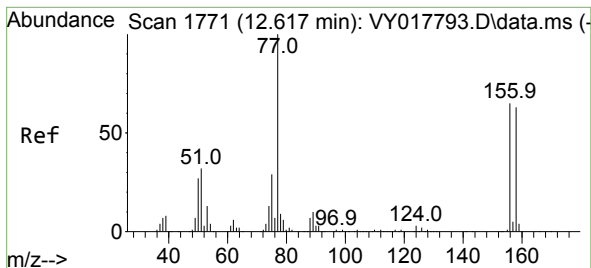
Tgt Ion: 83 Resp: 31948
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 35.398 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 75 Resp: 42215
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.384 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

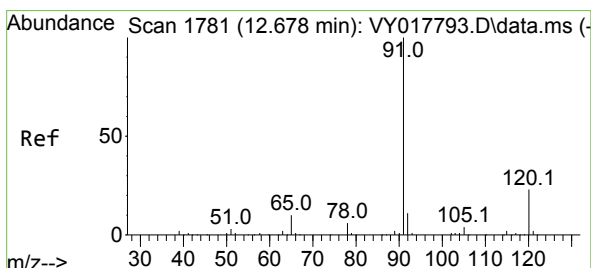
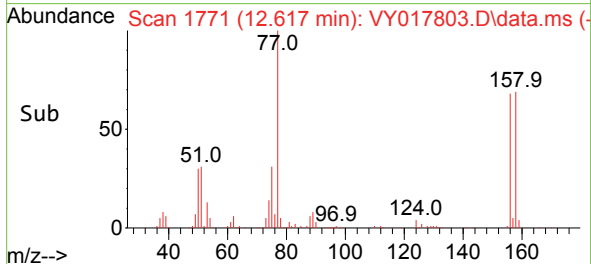
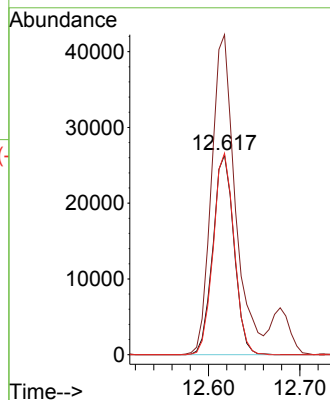
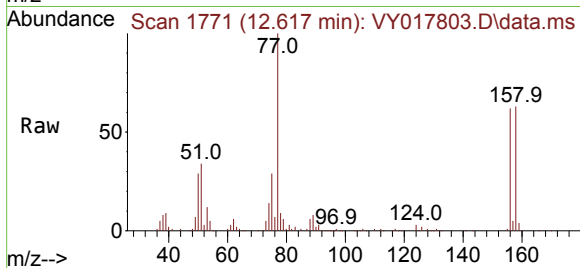
Tgt Ion:156 Resp: 42342

Ion Ratio Lower Upper

156 100

77 179.7 87.1 261.3

158 99.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.296 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017803.D

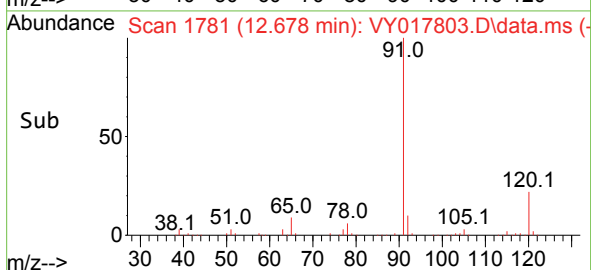
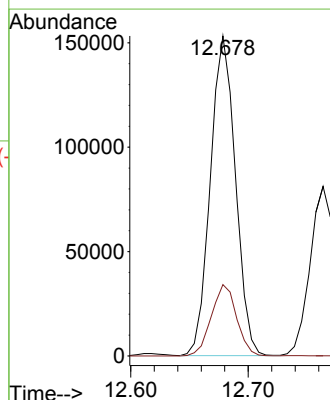
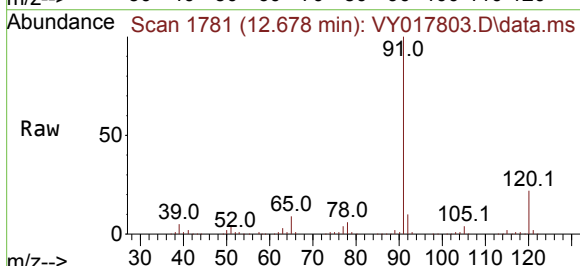
Acq: 01 Apr 2024 12:24

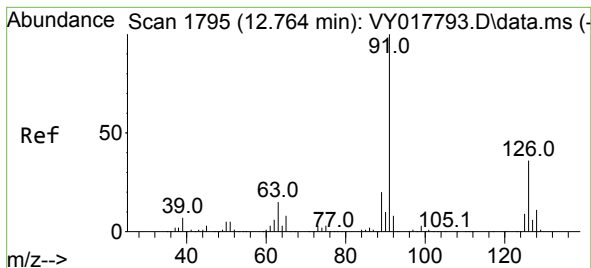
Tgt Ion: 91 Resp: 227130

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

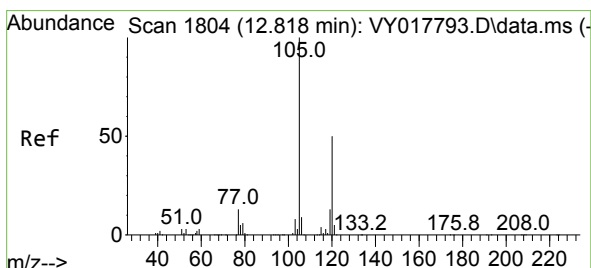
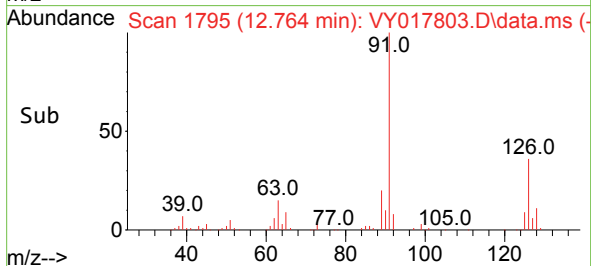
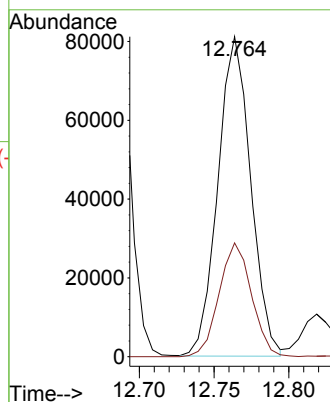
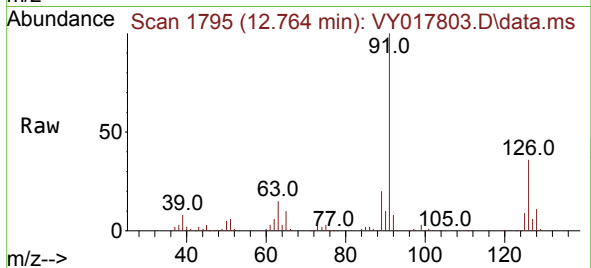




#79
2-Chlorotoluene
Concen: 20.198 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

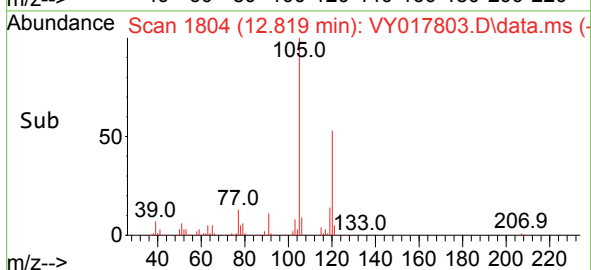
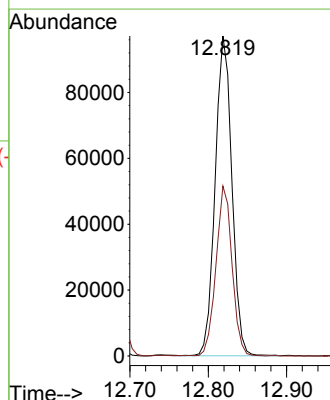
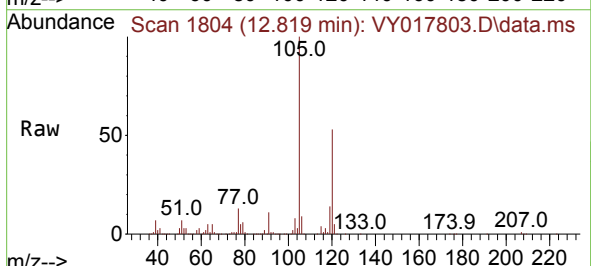
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

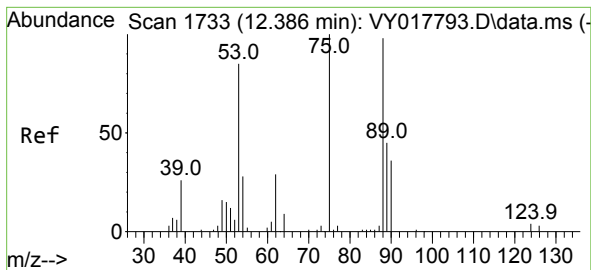
Tgt Ion: 91 Resp: 123815
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.090 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 105 Resp: 143801
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

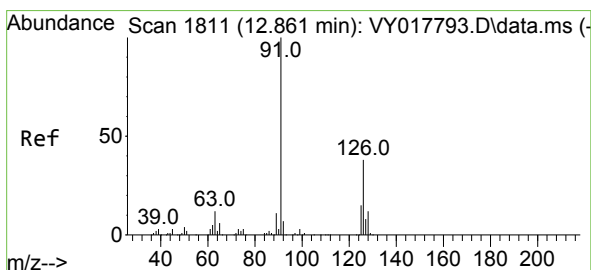
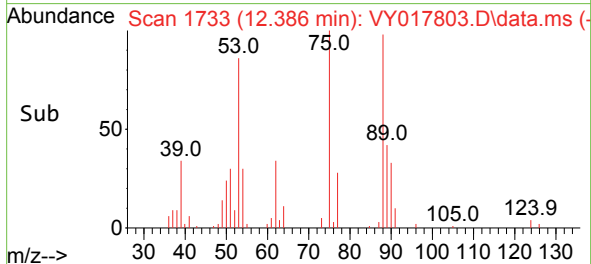
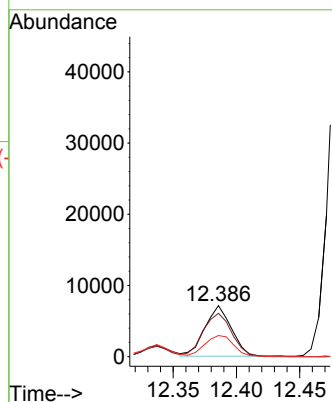
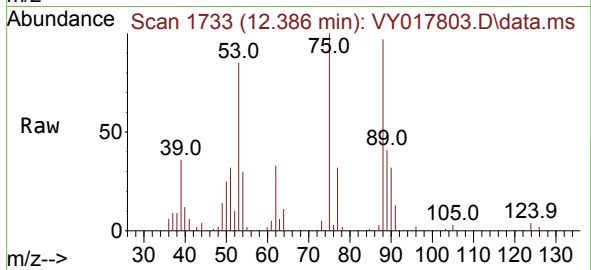




#81
trans-1,4-Dichloro-2-butene
Concen: 22.126 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

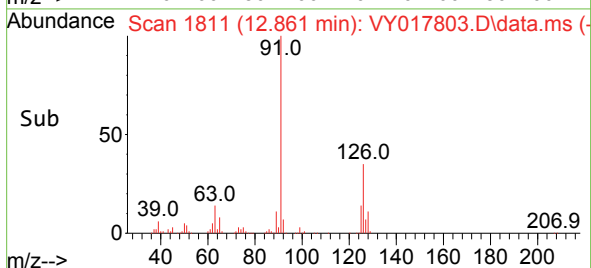
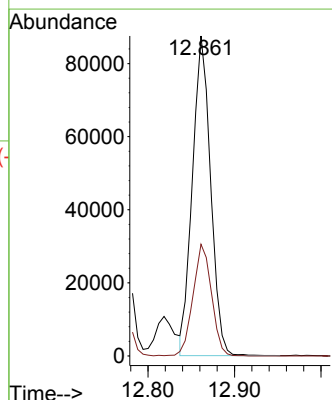
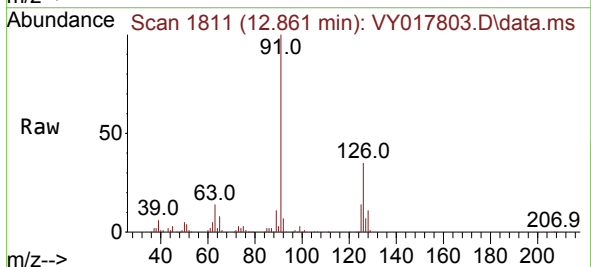
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

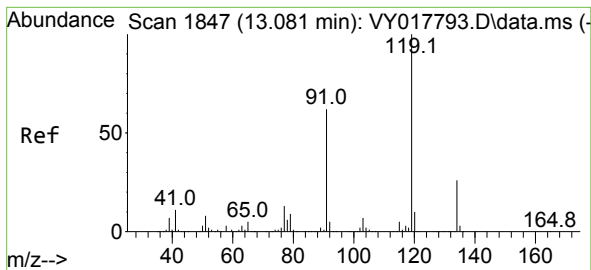
Tgt Ion: 75 Resp: 10343
Ion Ratio Lower Upper
75 100
53 94.7 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.092 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 91 Resp: 127531
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.694 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

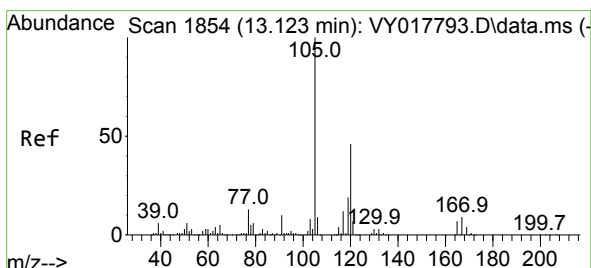
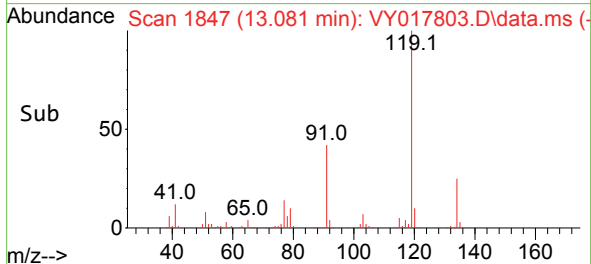
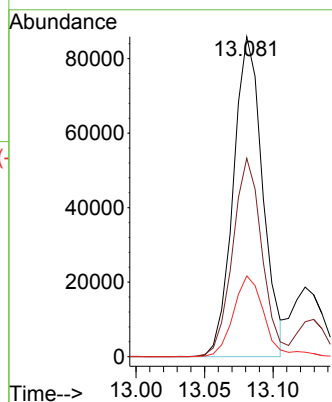
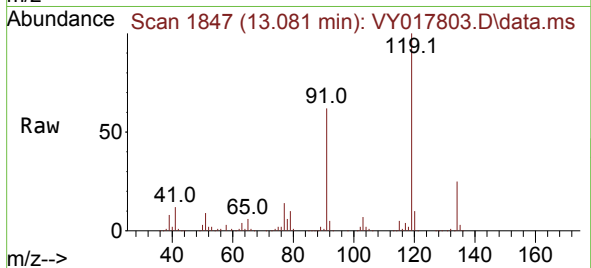
Tgt Ion:119 Resp: 128158

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.176 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017803.D

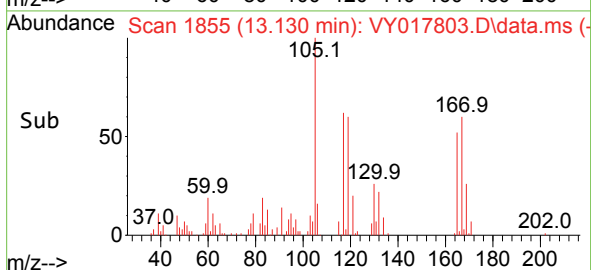
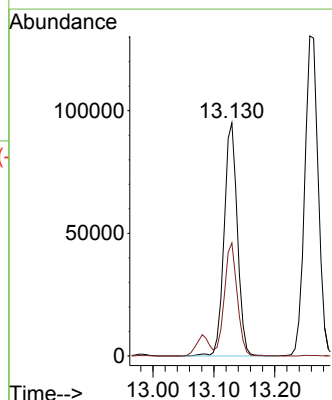
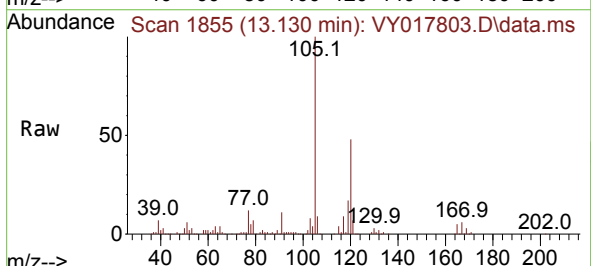
Acq: 01 Apr 2024 12:24

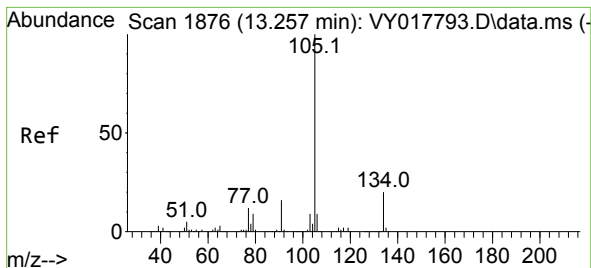
Tgt Ion:105 Resp: 143826

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.490 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

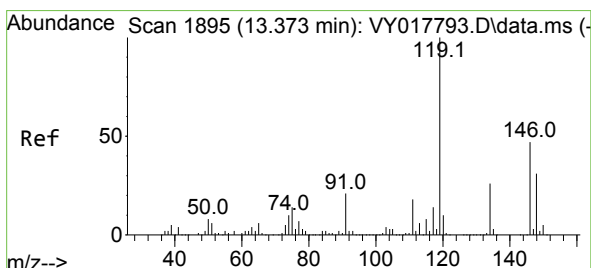
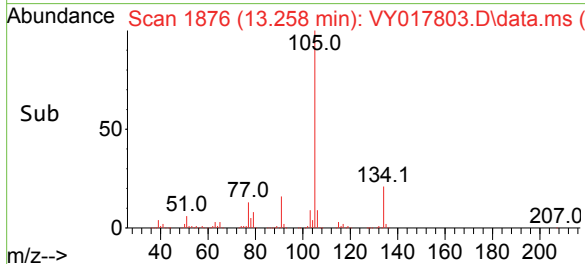
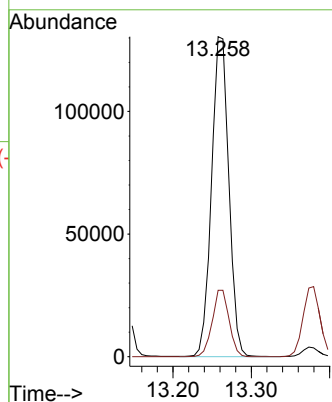
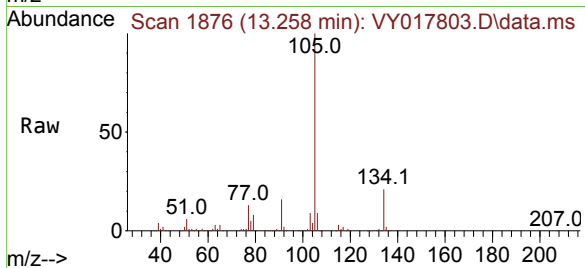
VY0401SBS02

Tgt Ion:105 Resp: 200126

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.730 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

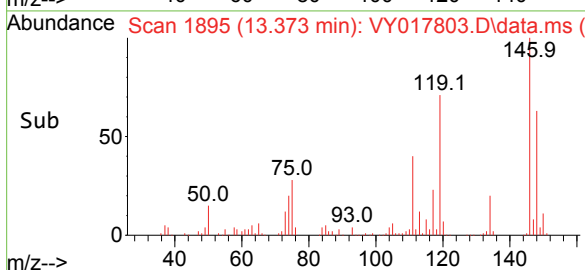
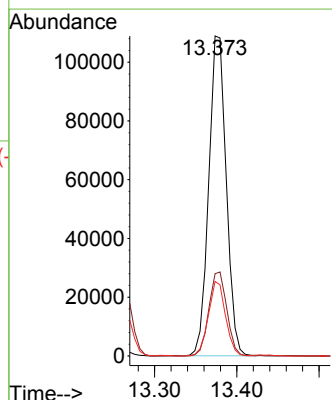
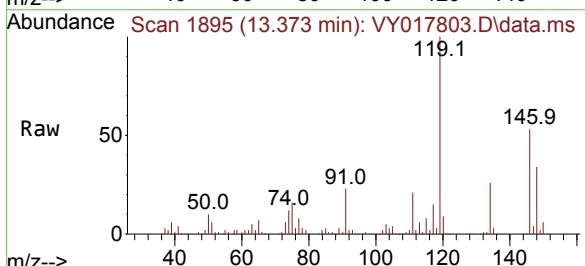
Tgt Ion:119 Resp: 161079

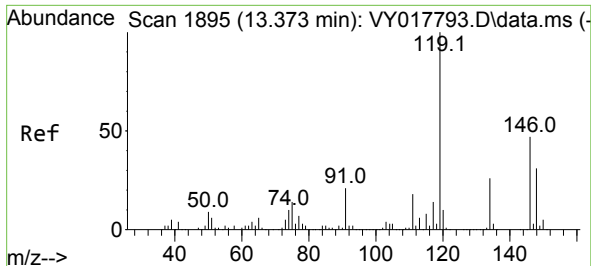
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.880 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

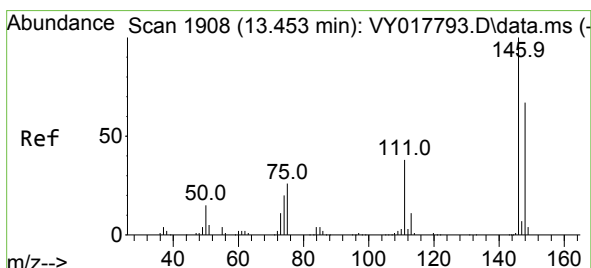
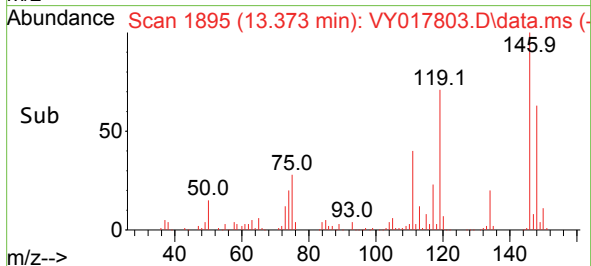
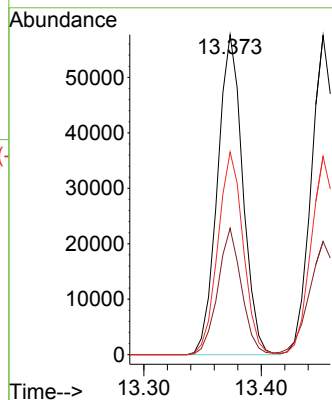
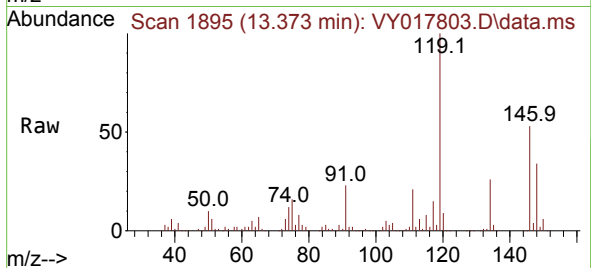
Tgt Ion:146 Resp: 86165

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.651 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

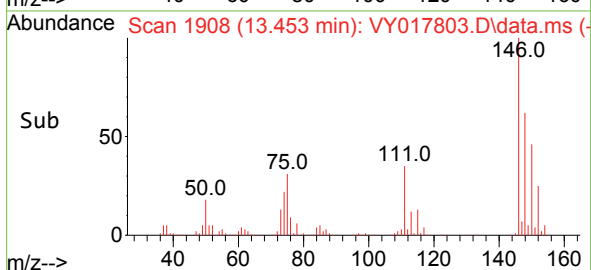
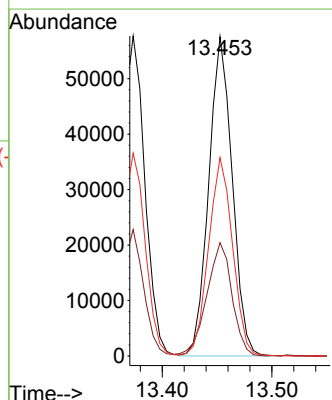
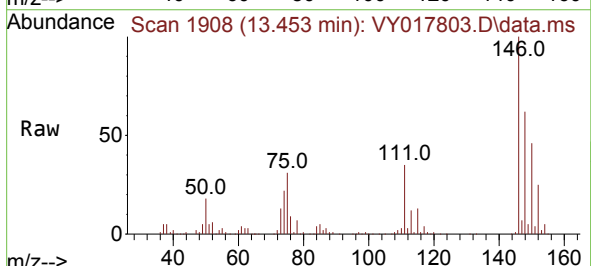
Tgt Ion:146 Resp: 85671

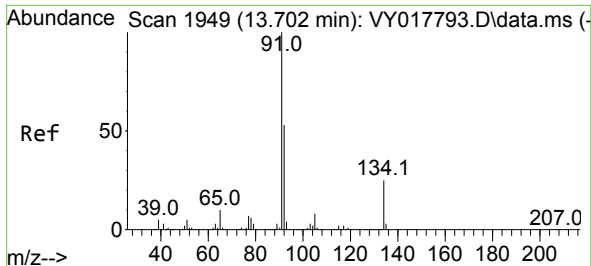
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 63.7 32.4 97.2

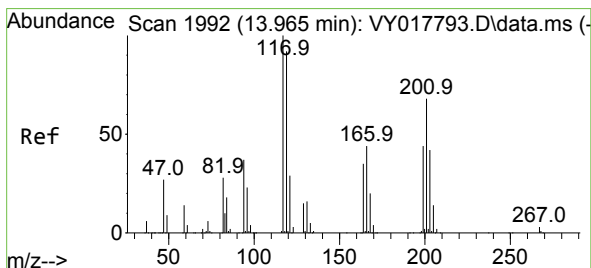
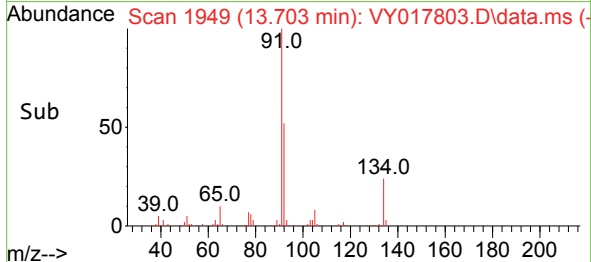
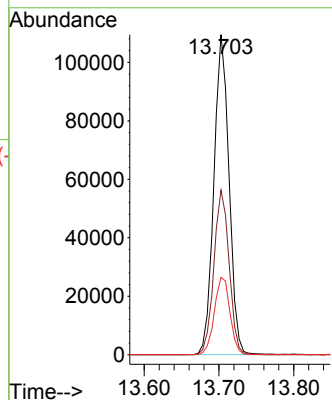
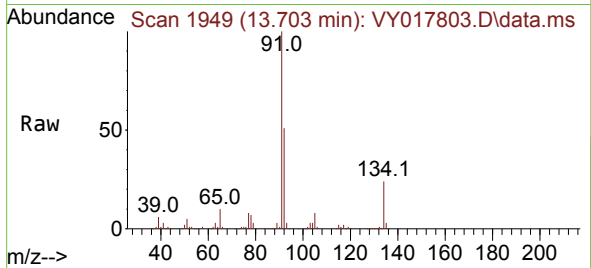




#89
n-Butylbenzene
Concen: 20.527 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

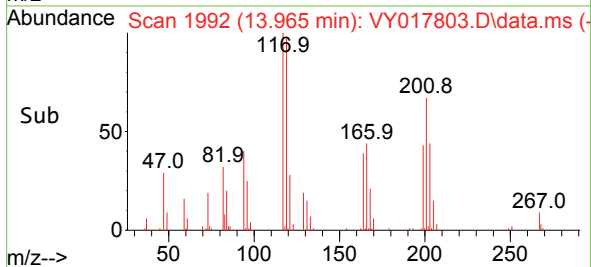
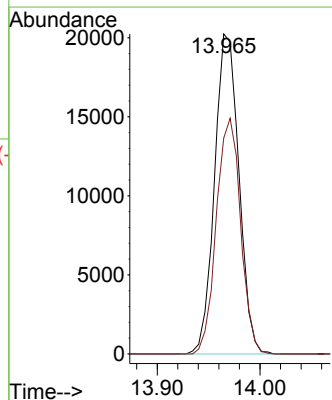
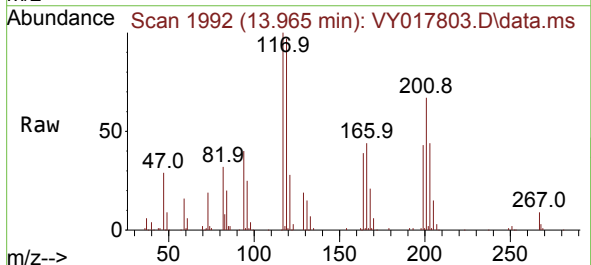
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS02

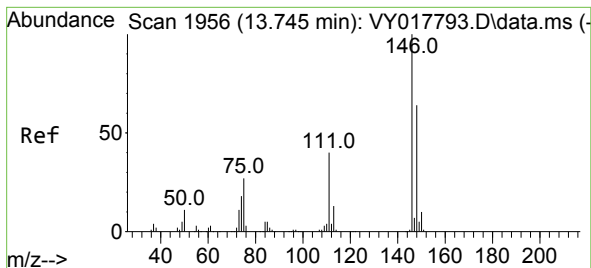
Tgt Ion: 91 Resp: 154183
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 24.9 12.9 38.7



#90
Hexachloroethane
Concen: 20.508 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017803.D
Acq: 01 Apr 2024 12:24

Tgt Ion: 117 Resp: 33292
Ion Ratio Lower Upper
117 100
201 73.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.333 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

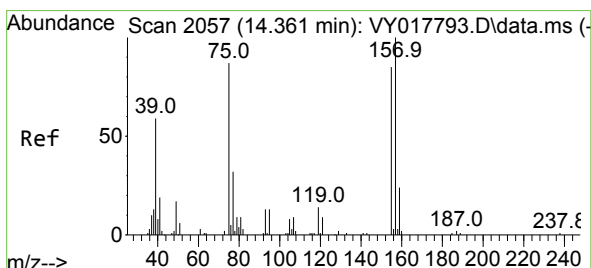
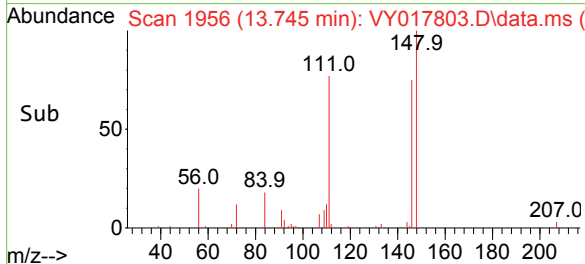
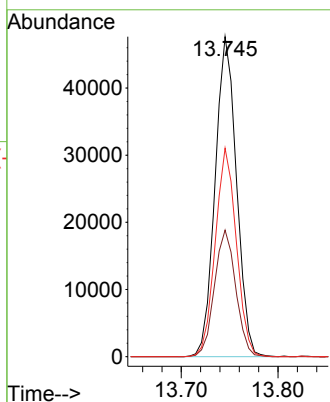
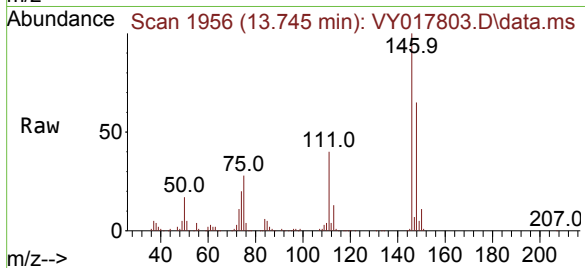
Tgt Ion:146 Resp: 73053

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.374 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

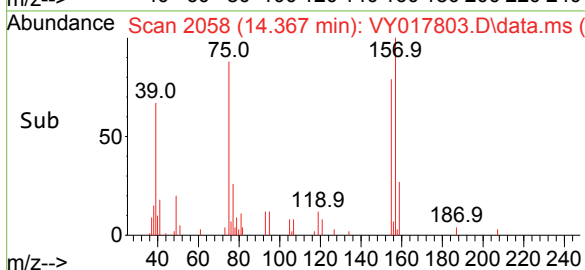
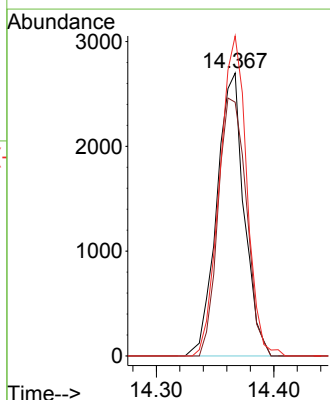
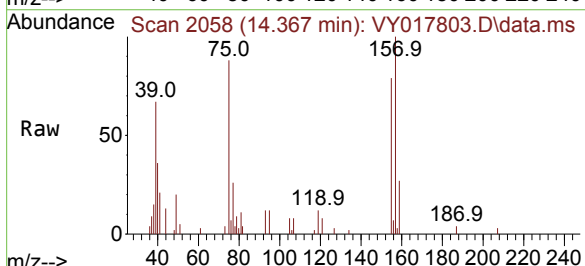
Tgt Ion: 75 Resp: 4368

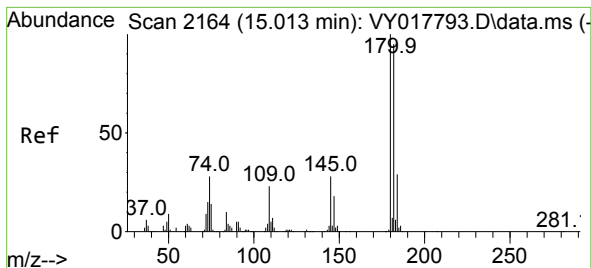
Ion Ratio Lower Upper

75 100

155 93.8 48.6 145.8

157 111.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.297 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

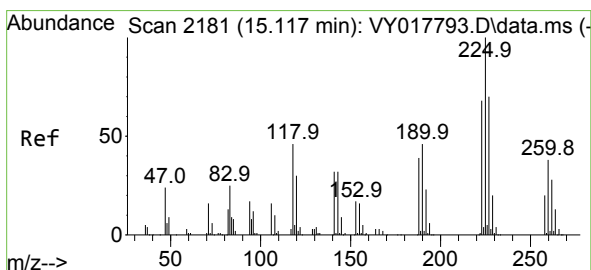
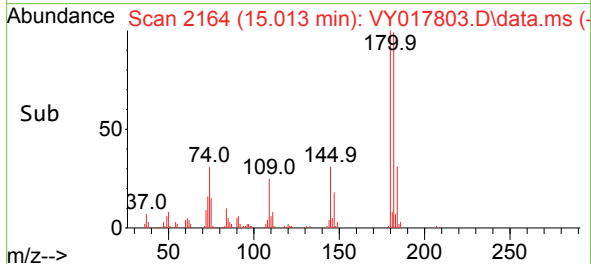
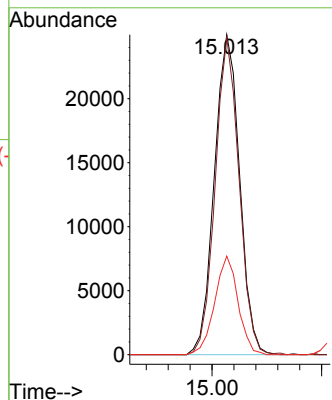
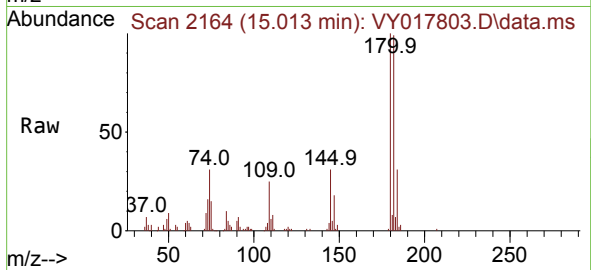
Tgt Ion:180 Resp: 39942

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.8

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.809 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

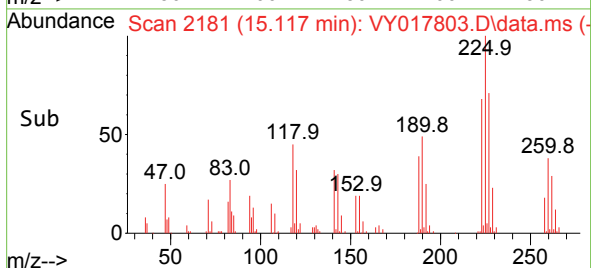
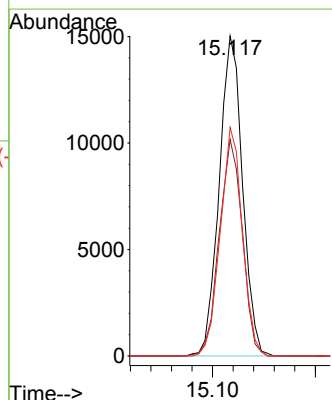
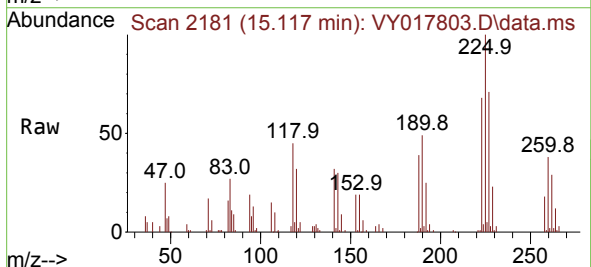
Tgt Ion:225 Resp: 23631

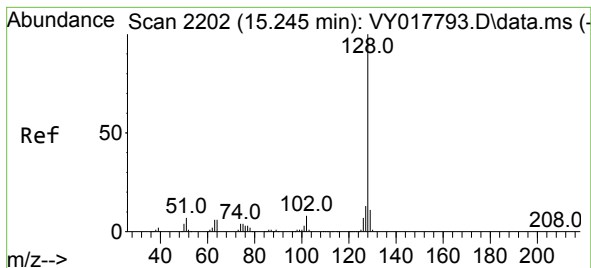
Ion Ratio Lower Upper

225 100

223 66.7 30.4 91.2

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 22.986 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

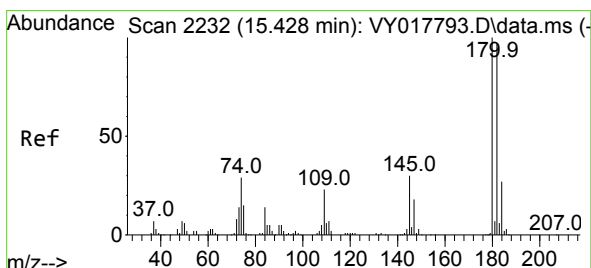
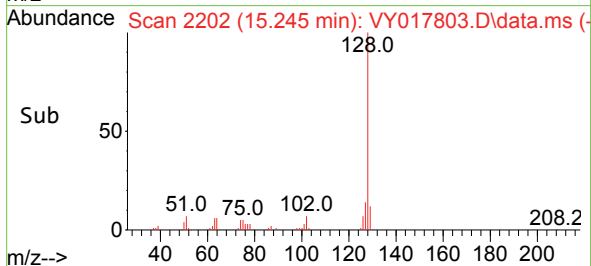
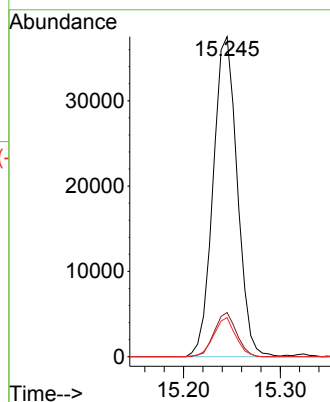
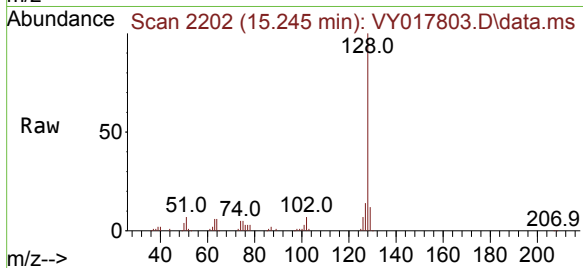
Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS02

Tgt Ion:	128	Resp:	64904
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.2	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017803.D

Acq: 01 Apr 2024 12:24

Tgt Ion:	180	Resp:	33727
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.6	142.9
145	28.5	15.4	46.1

