

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017858.D
 Acq On : 04 Apr 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 00:49:31 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	7.801	168	133857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	221157	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	198725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	72235	62.362	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.728	113	75843	59.348	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.700%	
50) Toluene-d8	10.191	98	280503	58.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.520%	
62) 4-Bromofluorobenzene	12.489	95	84130	57.925	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	50932	56.895	ug/l	97
3) Chloromethane	2.119	50	106373	60.883	ug/l	97
4) Vinyl Chloride	2.259	62	160103	70.118	ug/l	99
5) Bromomethane	2.655	94	144866	78.466	ug/l	99
6) Chloroethane	2.802	64	122860	82.469	ug/l	97
7) Trichlorofluoromethane	3.131	101	125953	56.564	ug/l	97
8) Diethyl Ether	3.539	74	38198	58.399	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.911	101	71575	53.599	ug/l	98
10) Methyl Iodide	4.106	142	85741	59.042	ug/l	98
11) Tert butyl alcohol	4.960	59	24549	287.622	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	68382	54.723	ug/l	100
13) Acrolein	3.740	56	16106	198.468	ug/l	99
14) Allyl chloride	4.496	41	79793	52.049	ug/l	89
15) Acrylonitrile	5.173	53	79084	286.431	ug/l	99
16) Acetone	3.954	43	57522	240.243	ug/l	91
17) Carbon Disulfide	4.204	76	185686	52.508	ug/l	98
18) Methyl Acetate	4.484	43	30788	58.054	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	174158	60.869	ug/l	100
20) Methylene Chloride	4.734	84	81036	55.525	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	78258	58.524	ug/l	98
22) Diisopropyl ether	6.136	45	204410	57.688	ug/l	94
23) Vinyl Acetate	6.075	43	634144	293.122	ug/l	100
24) 1,1-Dichloroethane	6.033	63	136780	58.160	ug/l	97
25) 2-Butanone	7.002	43	91135	267.189	ug/l	99
26) 2,2-Dichloropropane	6.996	77	111529	54.906	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	96690	61.183	ug/l	99
28) Bromochloromethane	7.350	49	49010	51.245	ug/l	93
29) Tetrahydrofuran	7.362	42	59815	292.260	ug/l	99
30) Chloroform	7.520	83	150678	61.750	ug/l	99
31) Cyclohexane	7.795	56	101035	49.514	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	124797	60.090	ug/l	97
36) 1,1-Dichloropropene	7.929	75	101296	54.325	ug/l	98
37) Ethyl Acetate	7.087	43	42755	53.134	ug/l	99
38) Carbon Tetrachloride	7.910	117	107801	55.691	ug/l	98
39) Methylcyclohexane	9.197	83	121148	52.015	ug/l	98
40) Benzene	8.173	78	324437	56.459	ug/l	100

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	37023	73.763	ug/l #	33
42) 1,2-Dichloroethane	8.246	62	85363	60.354	ug/l	98
43) Isopropyl Acetate	8.282	43	83991	57.517	ug/l	97
44) Trichloroethene	8.953	130	82717	55.327	ug/l	95
45) 1,2-Dichloropropane	9.227	63	74810	56.026	ug/l	99
46) Dibromomethane	9.319	93	45638	60.159	ug/l	97
47) Bromodichloromethane	9.508	83	115029	60.009	ug/l	99
48) Methyl methacrylate	9.307	41	37665	59.020	ug/l	95
49) 1,4-Dioxane	9.307	88	10075	1183.025	ug/l #	93
51) 4-Methyl-2-Pentanone	10.081	43	227754	304.207	ug/l	99
52) Toluene	10.251	92	203892	58.496	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	99839	58.660	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	117952	56.784	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	58740	58.110	ug/l	96
56) Ethyl methacrylate	10.520	69	76775	59.794	ug/l #	94
57) 1,3-Dichloropropane	10.800	76	100299	58.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	176699	276.175	ug/l	100
59) 2-Hexanone	10.843	43	152002	287.984	ug/l	98
60) Dibromochloromethane	10.995	129	77415	60.721	ug/l	99
61) 1,2-Dibromoethane	11.093	107	55125	59.806	ug/l	99
64) Tetrachloroethene	10.727	164	96023	55.399	ug/l	96
65) Chlorobenzene	11.526	112	225117	55.223	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	79814	57.662	ug/l	97
67) Ethyl Benzene	11.599	91	391981	55.935	ug/l	99
68) m/p-Xylenes	11.709	106	302934	113.985	ug/l	99
69) o-Xylene	12.038	106	139352	60.861	ug/l	96
70) Styrene	12.050	104	245061	61.858	ug/l	99
71) Bromoform	12.215	173	42855	55.855	ug/l #	99
73) Isopropylbenzene	12.336	105	365951	57.023	ug/l	99
74) N-amyl acetate	12.148	43	70693	56.904	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.586	83	62462	56.265	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	83367	99.901	ug/l #	100
77) Bromobenzene	12.617	156	86036	56.289	ug/l	98
78) n-propylbenzene	12.678	91	438237	55.963	ug/l	100
79) 2-Chlorotoluene	12.763	91	240329	56.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	283516	56.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21164	57.650	ug/l	98
82) 4-Chlorotoluene	12.861	91	244837	55.125	ug/l	98
83) tert-Butylbenzene	13.080	119	257861	56.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	284862	57.107	ug/l	100
85) sec-Butylbenzene	13.257	105	390819	57.184	ug/l	100
86) p-Isopropyltoluene	13.373	119	323804	56.681	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	168945	55.704	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	160704	55.359	ug/l	98
89) n-Butylbenzene	13.702	91	294637	56.058	ug/l	98
90) Hexachloroethane	13.964	117	63552	55.946	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	142131	56.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7831	52.201	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	74281	53.945	ug/l	98
94) Hexachlorobutadiene	15.116	225	43547	52.168	ug/l	99
95) Naphthalene	15.245	128	130840	56.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	63688	54.755	ug/l	99

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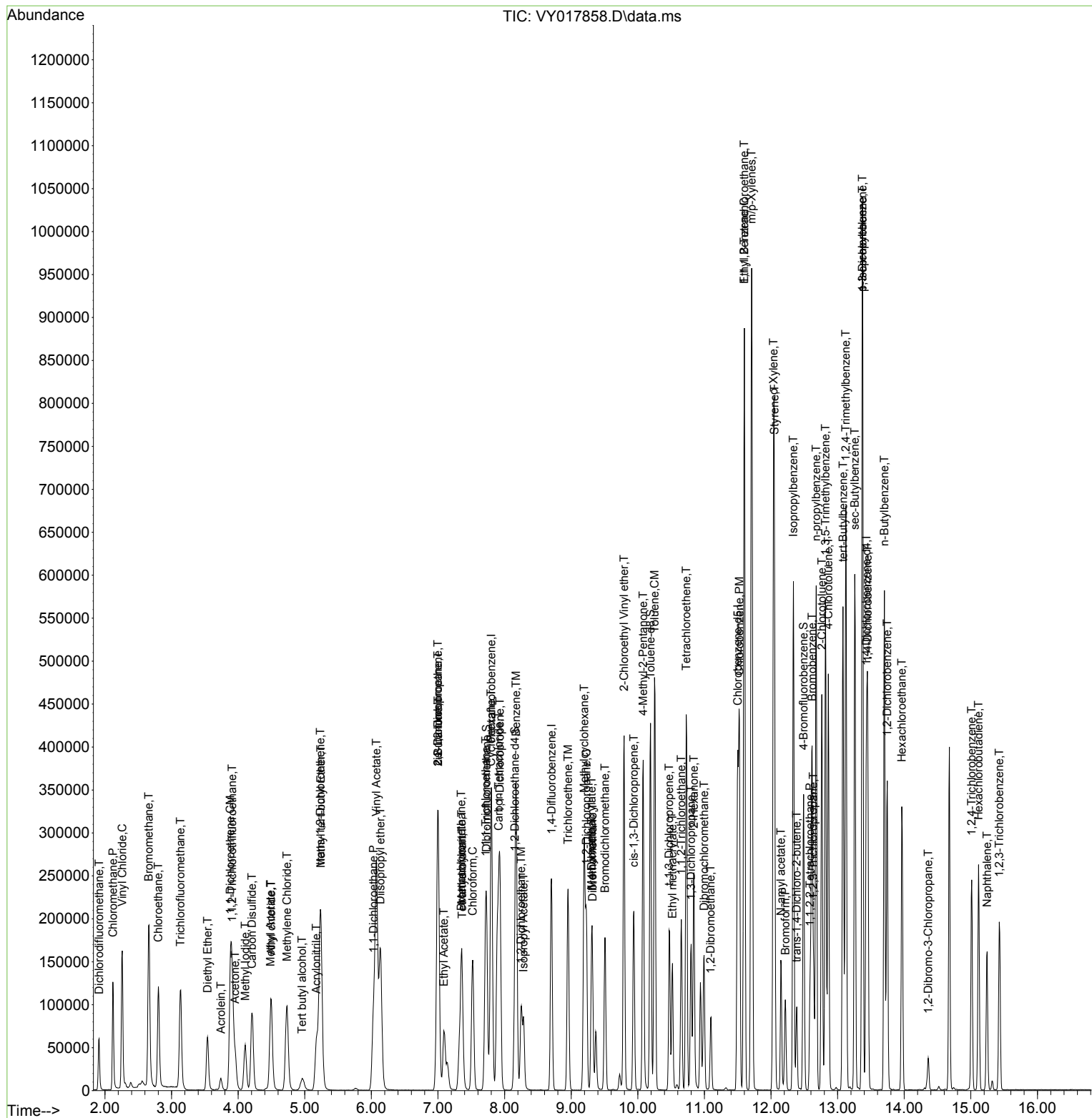
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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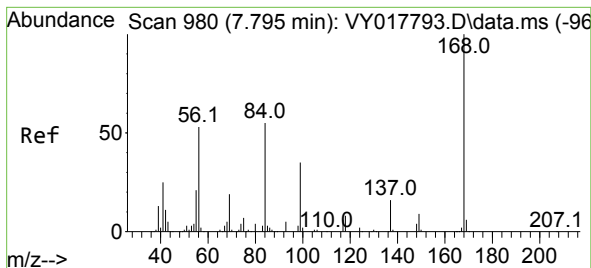
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

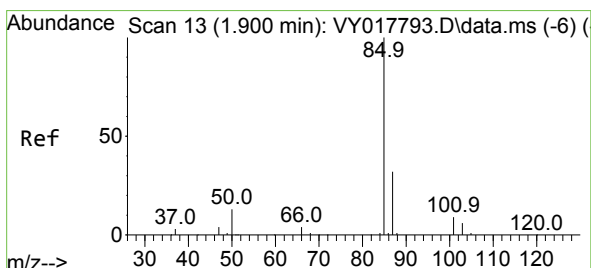
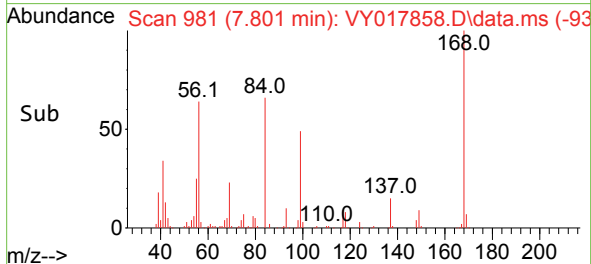
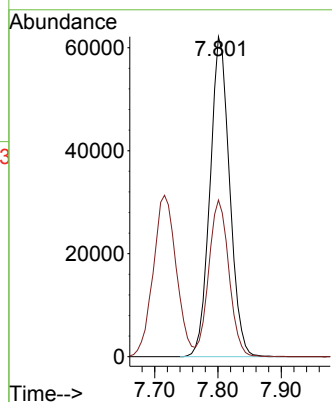
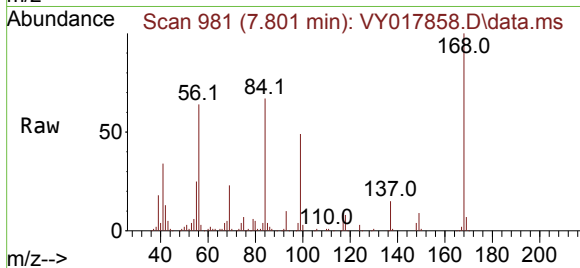
VSTDCCC050EC

Tgt Ion:168 Resp: 133857

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 56.895 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY017858.D

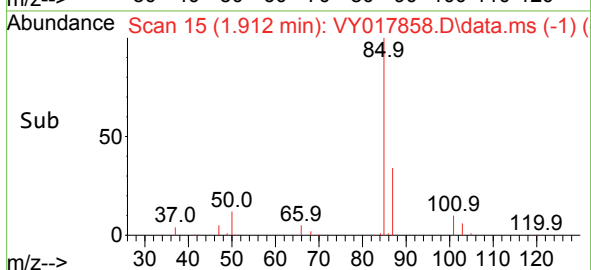
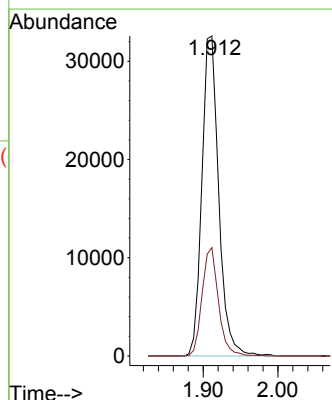
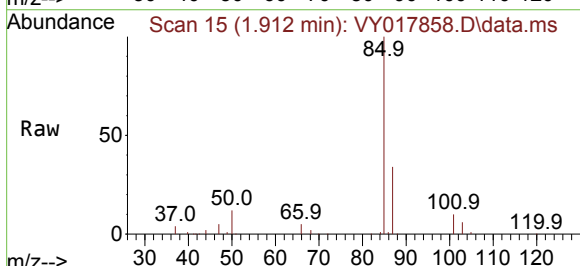
Acq: 04 Apr 2024 17:49

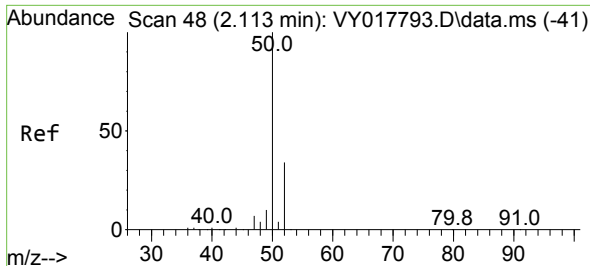
Tgt Ion: 85 Resp: 50932

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0

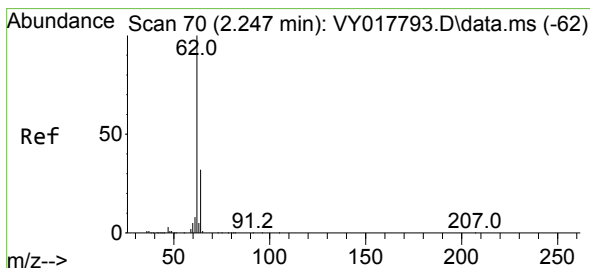
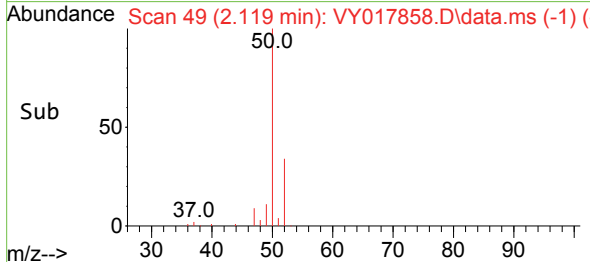
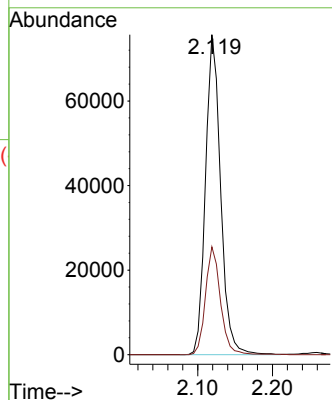
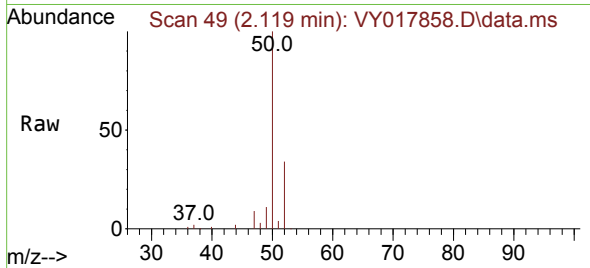




#3
Chloromethane
Concen: 60.883 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

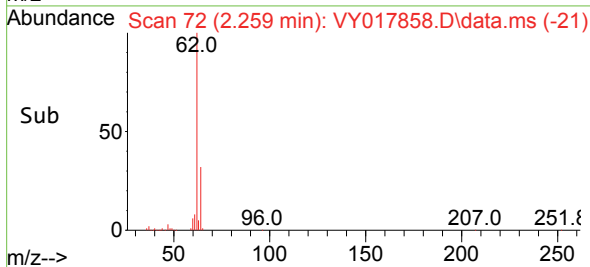
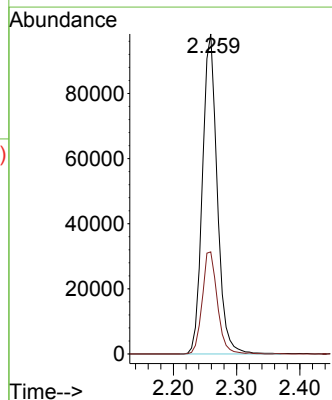
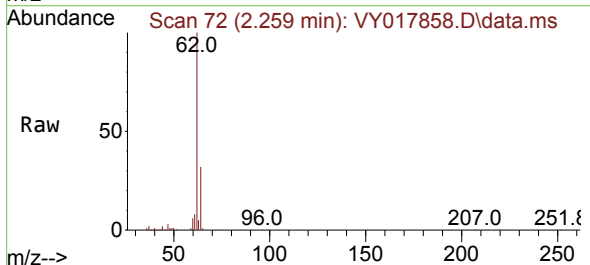
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

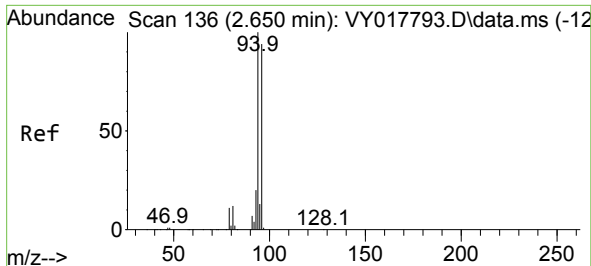
Tgt Ion: 50 Resp: 106373
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 70.118 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 62 Resp: 160103
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

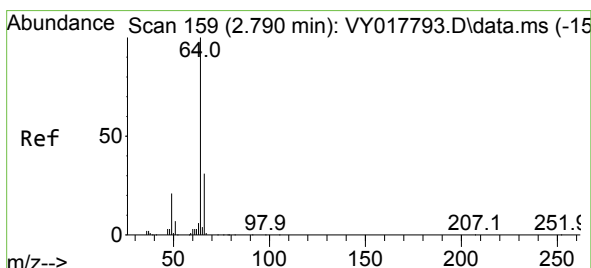
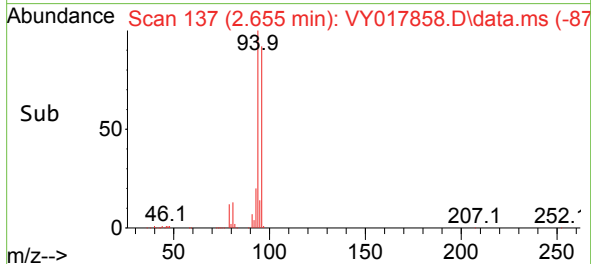
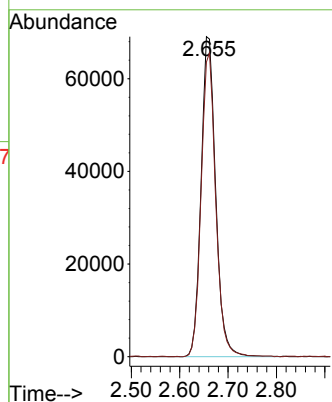
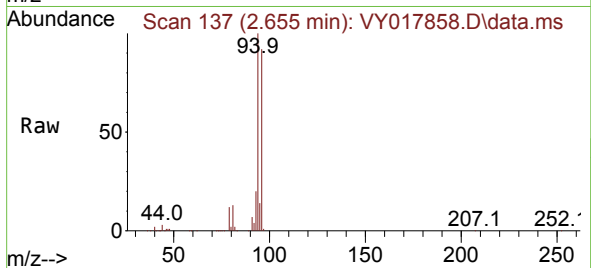




#5
Bromomethane
Concen: 78.466 ug/l
RT: 2.655 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017858.D
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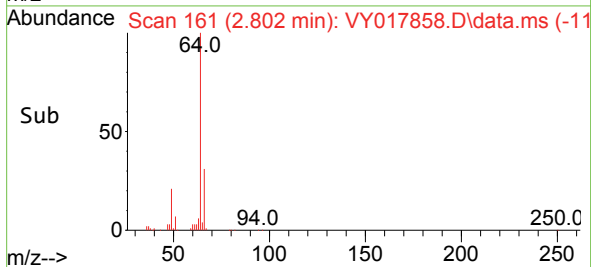
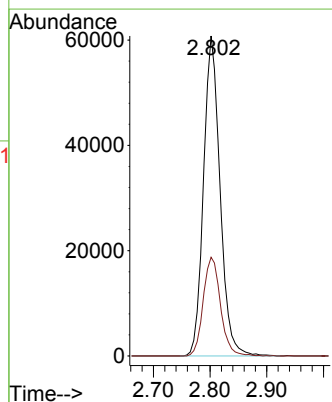
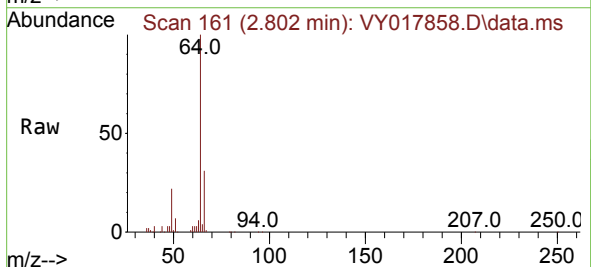
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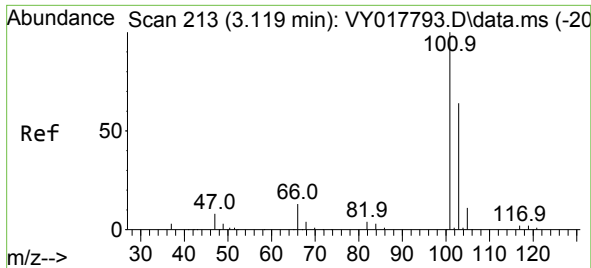
Tgt Ion: 94 Resp: 144866
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1



#6
Chloroethane
Concen: 82.469 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 64 Resp: 122860
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

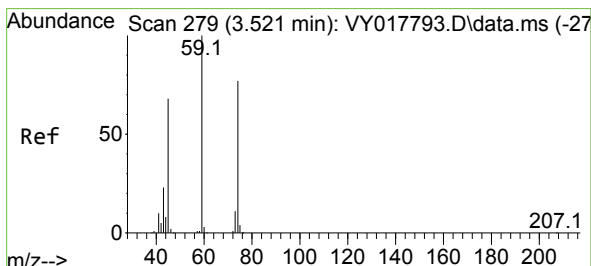
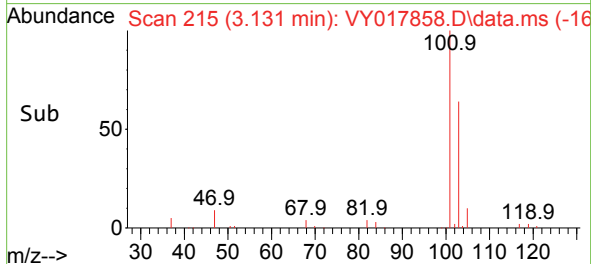
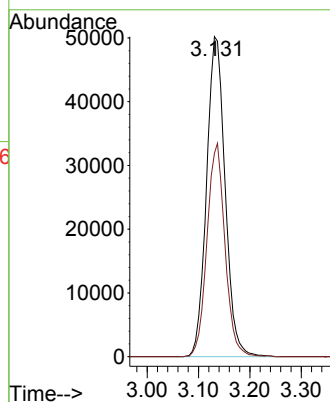
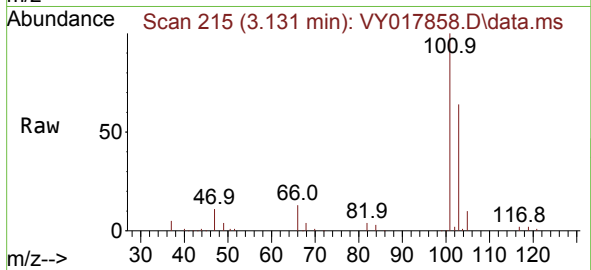




#7
 Trichlorofluoromethane
 Concen: 56.564 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

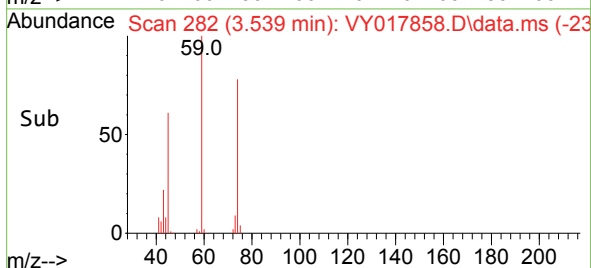
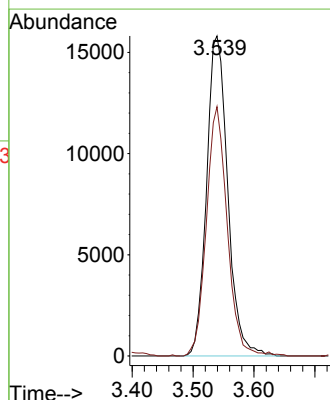
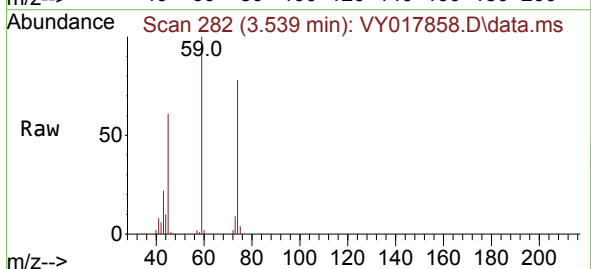
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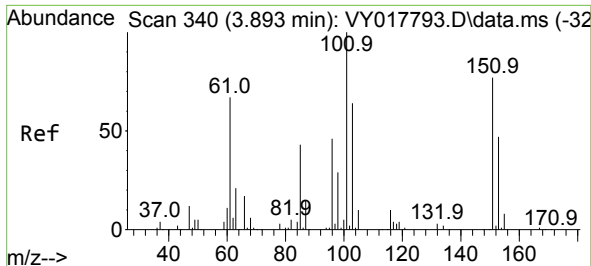
Tgt Ion:101 Resp: 125953
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 58.399 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.018 min
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 Acq: 04 Apr 2024 17:49

Tgt Ion: 74 Resp: 38198
 Ion Ratio Lower Upper
 74 100
 45 76.9 41.3 124.1

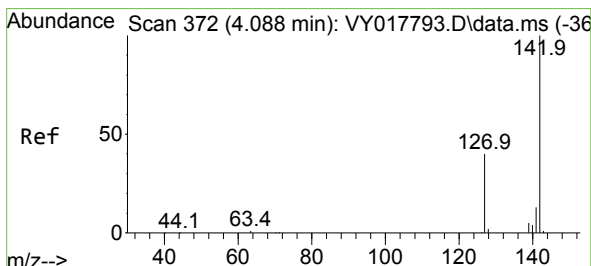
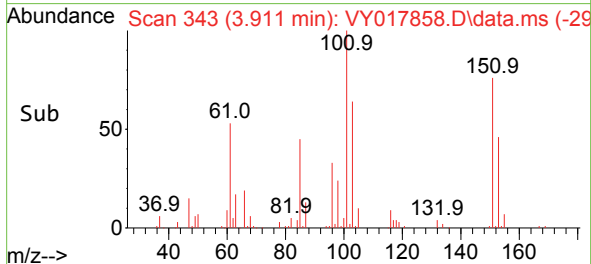
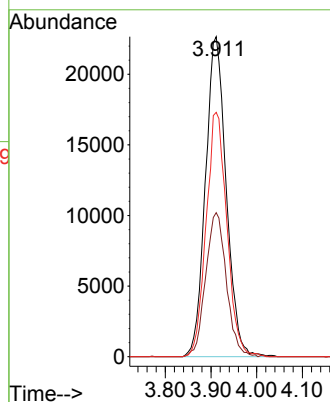
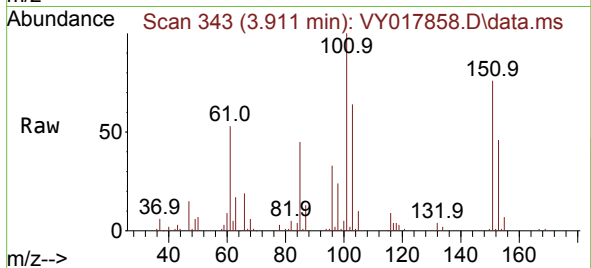




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.599 ug/l
RT: 3.911 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

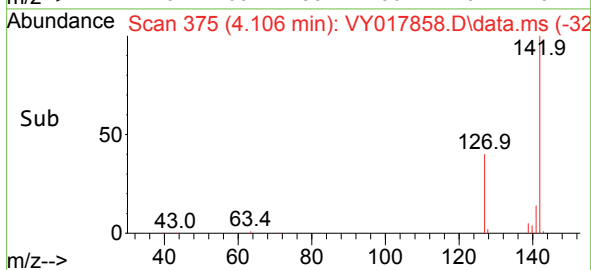
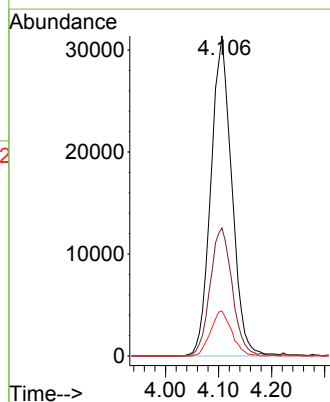
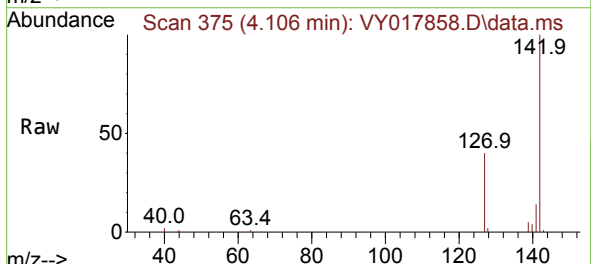
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

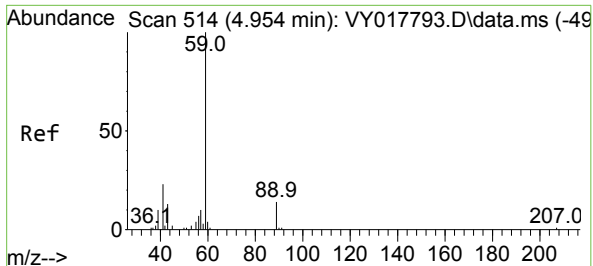
Tgt Ion:101 Resp: 71575
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 76.2 61.7 92.5



#10
Methyl Iodide
Concen: 59.042 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion:142 Resp: 85741
Ion Ratio Lower Upper
142 100
127 42.6 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 287.622 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

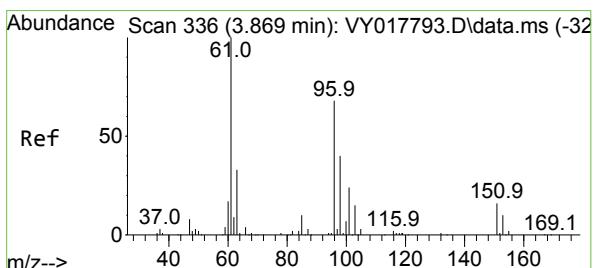
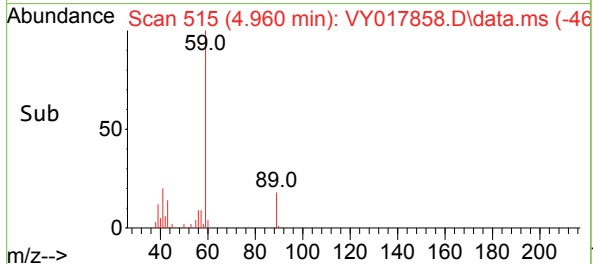
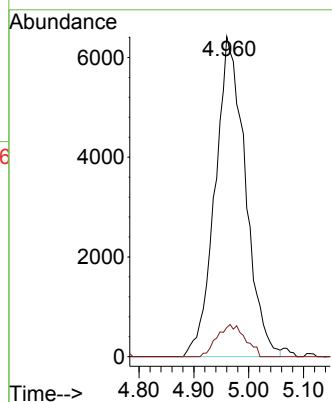
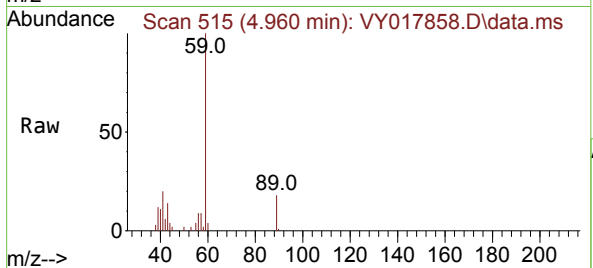
VSTDCCC050EC

Tgt Ion: 59 Resp: 24549

Ion Ratio Lower Upper

59 100

57 9.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 54.723 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

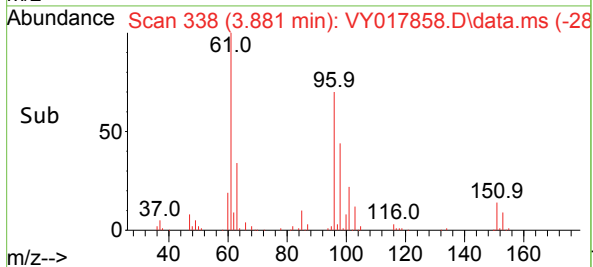
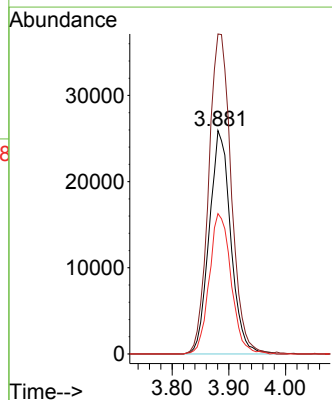
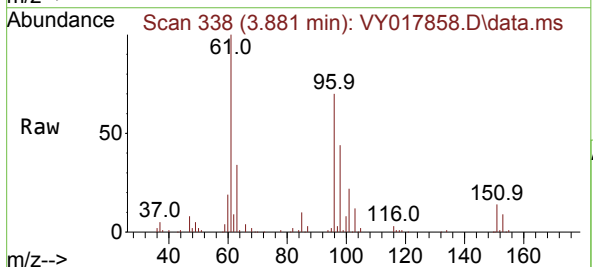
Tgt Ion: 96 Resp: 68382

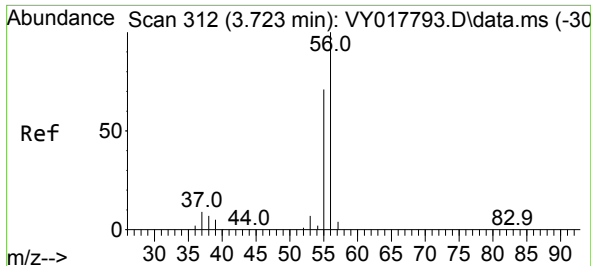
Ion Ratio Lower Upper

96 100

61 143.2 114.6 171.8

98 62.8 50.8 76.2

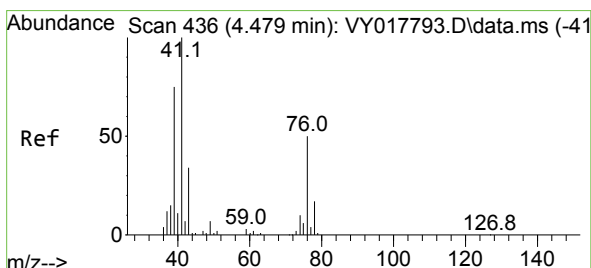
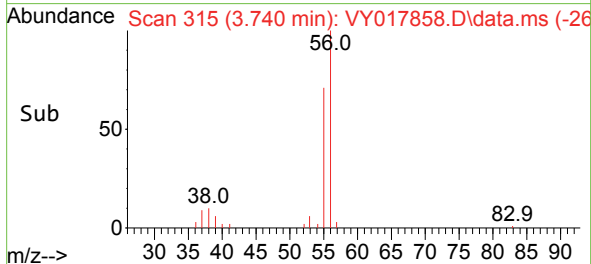
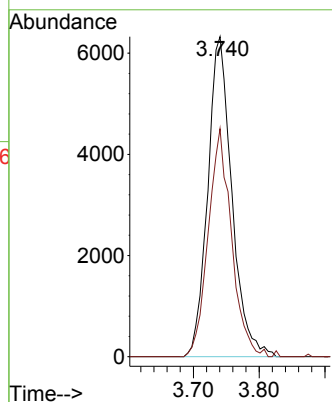
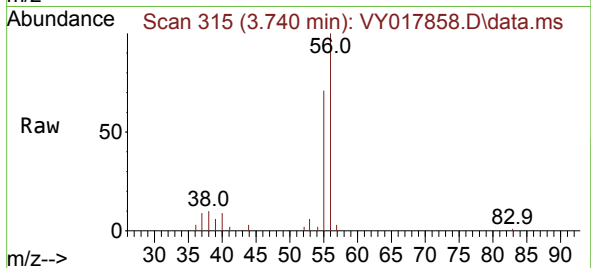




#13
Acrolein
Concen: 198.468 ug/l
RT: 3.740 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

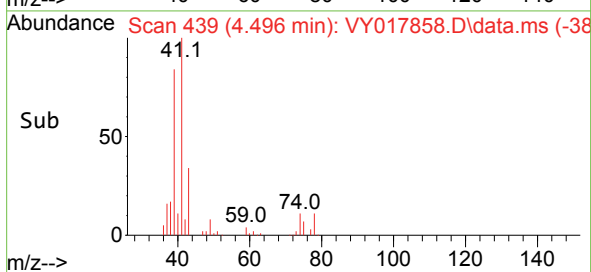
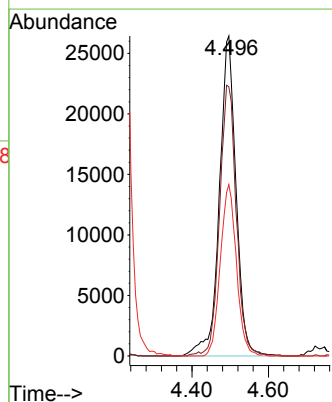
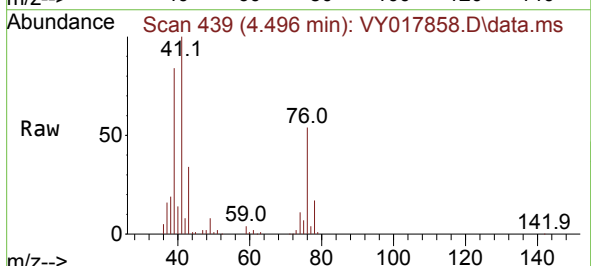
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

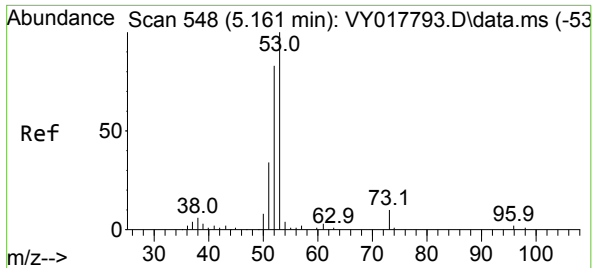
Tgt Ion: 56 Resp: 16106
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5



#14
Allyl chloride
Concen: 52.049 ug/l
RT: 4.496 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 41 Resp: 79793
Ion Ratio Lower Upper
41 100
39 85.4 58.3 87.5
76 51.9 39.0 58.6

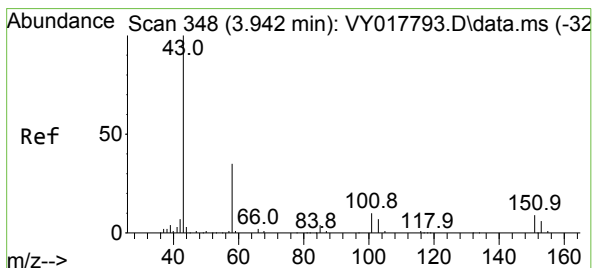
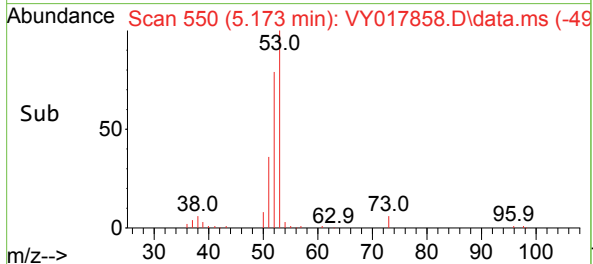
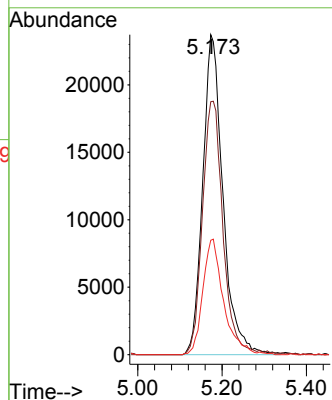
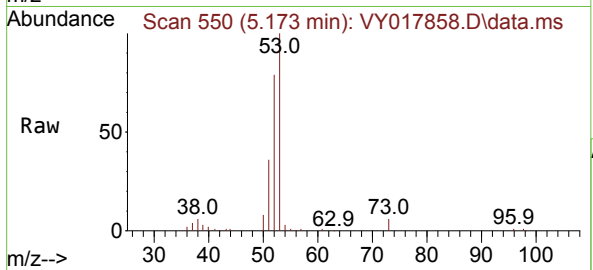




#15
Acrylonitrile
Concen: 286.431 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

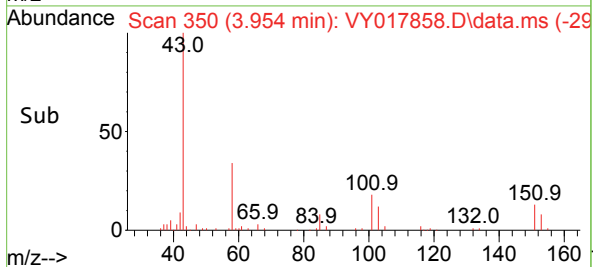
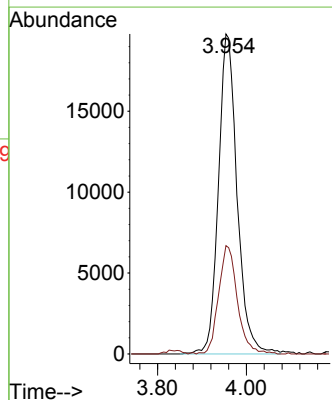
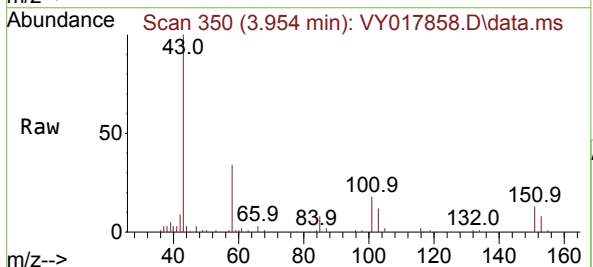
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

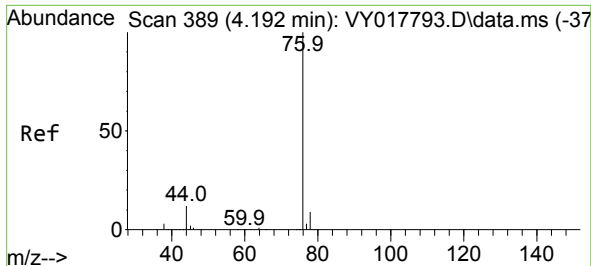
Tgt Ion: 53 Resp: 79084
Ion Ratio Lower Upper
53 100
52 80.3 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 240.243 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 43 Resp: 57522
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5

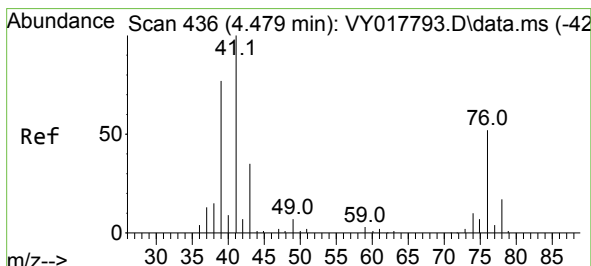
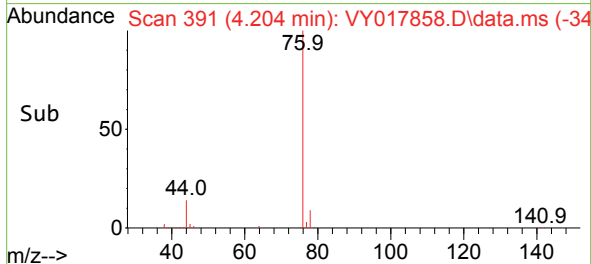
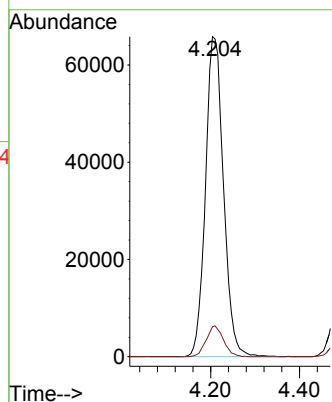
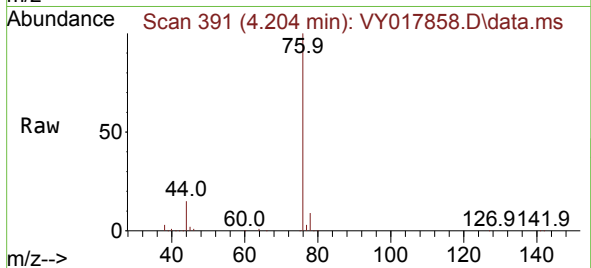




#17
Carbon Disulfide
Concen: 52.508 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

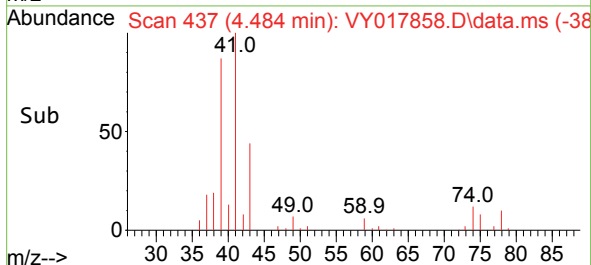
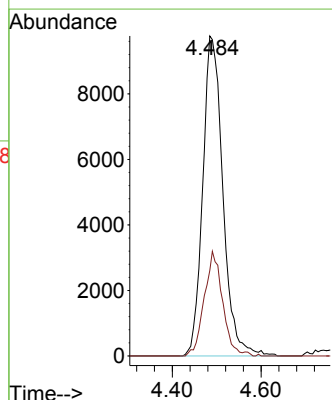
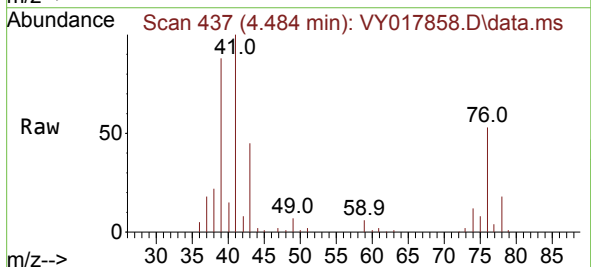
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

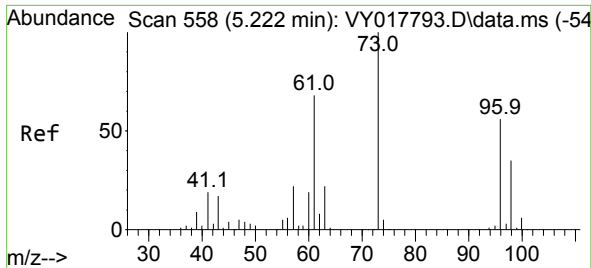
Tgt Ion: 76 Resp: 185686
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 58.054 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 43 Resp: 30788
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9

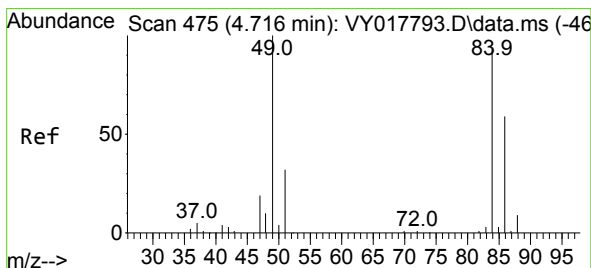
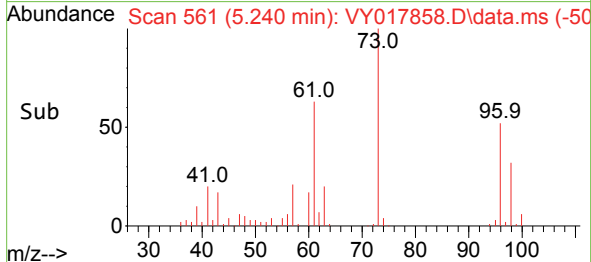
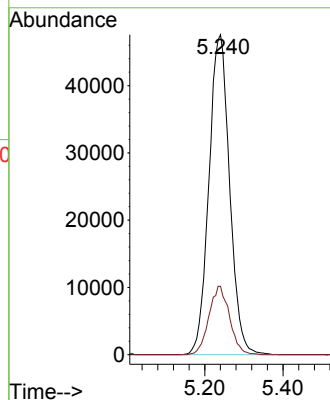
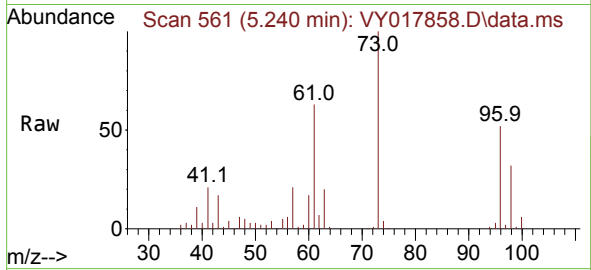




#19
Methyl tert-butyl Ether
Concen: 60.869 ug/l
RT: 5.240 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

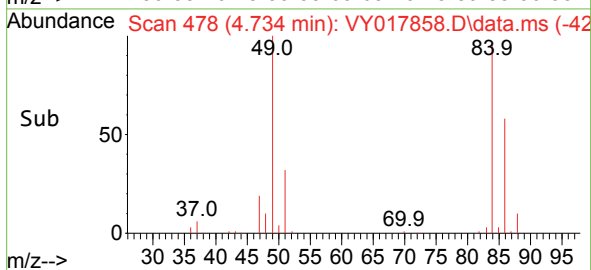
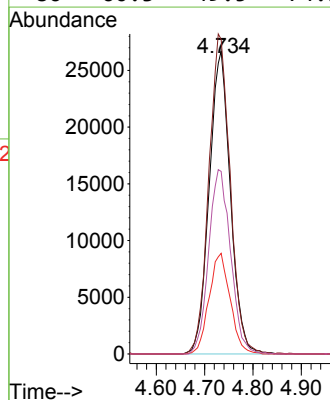
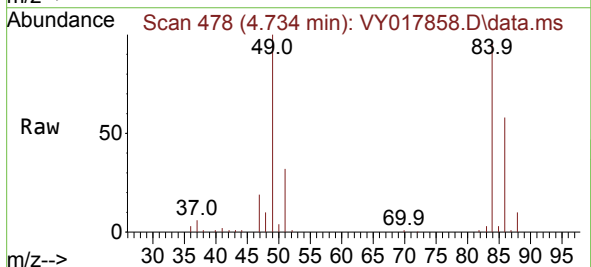
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

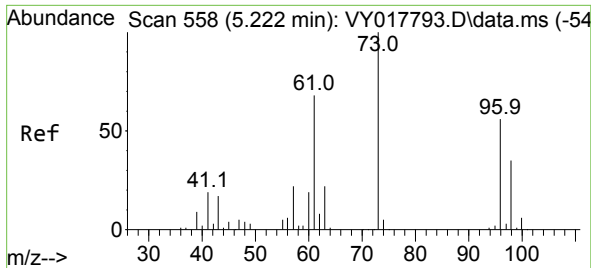
Tgt Ion: 73 Resp: 174158
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 55.525 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 84 Resp: 81036
Ion Ratio Lower Upper
84 100
49 103.8 84.4 126.6
51 33.2 26.0 39.0
86 60.3 49.5 74.3

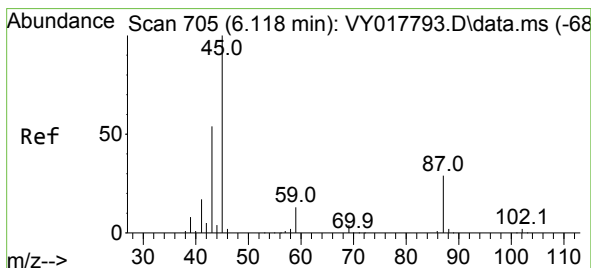
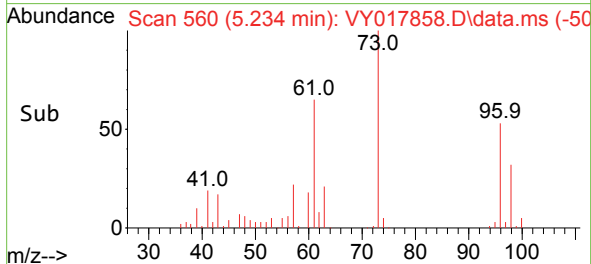
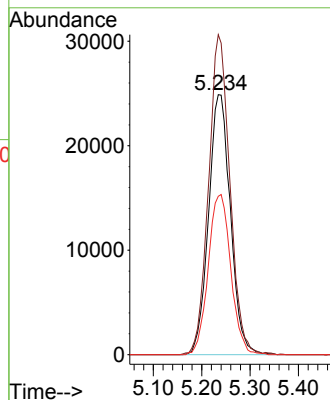
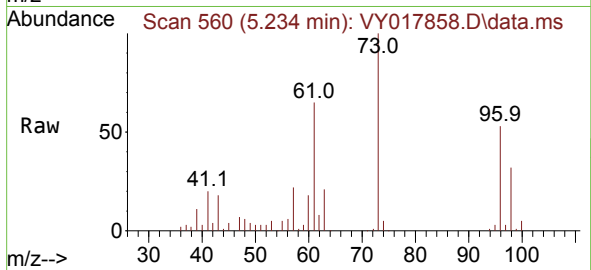




#21
trans-1,2-Dichloroethene
Concen: 58.524 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

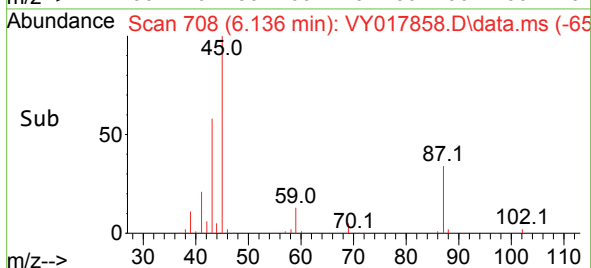
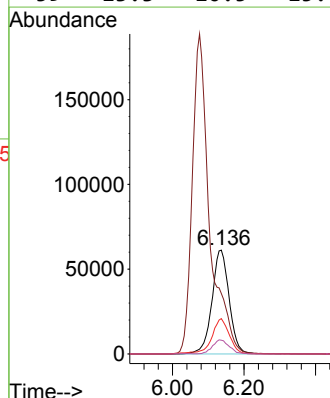
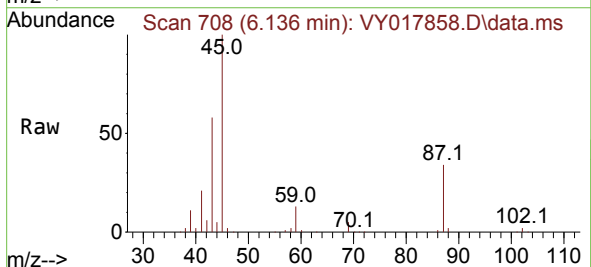
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

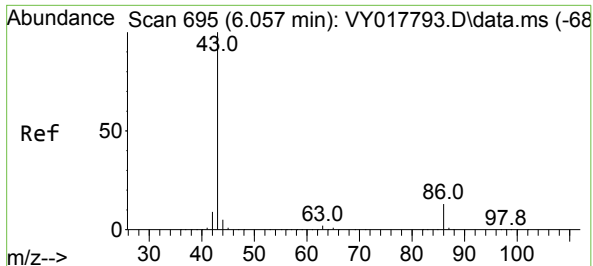
Tgt Ion: 96 Resp: 78258
Ion Ratio Lower Upper
96 100
61 123.1 97.5 146.3
98 60.9 50.5 75.7



#22
Diisopropyl ether
Concen: 57.688 ug/l
RT: 6.136 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 45 Resp: 204410
Ion Ratio Lower Upper
45 100
43 58.0 42.2 63.2
87 34.0 25.0 37.6
59 13.3 10.5 15.7

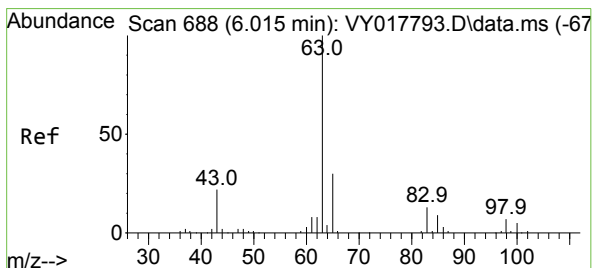
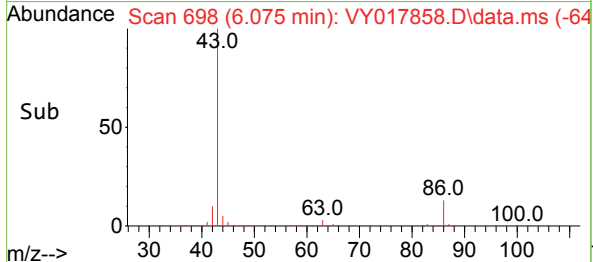
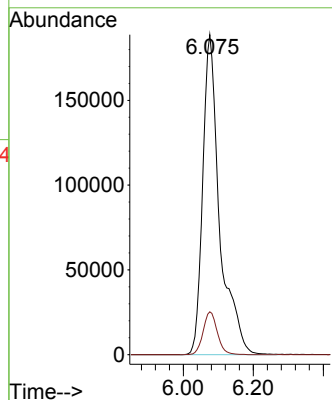
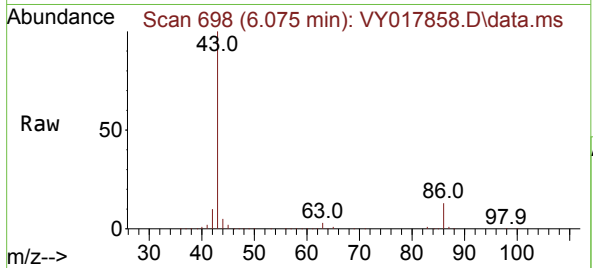




#23
 Vinyl Acetate
 Concen: 293.122 ug/l
 RT: 6.075 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

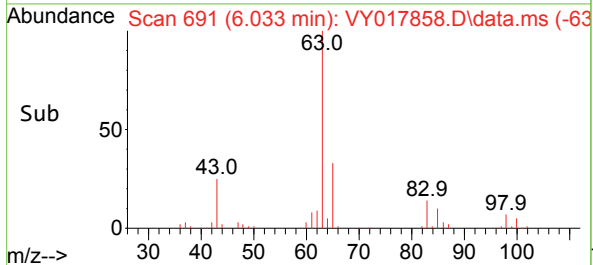
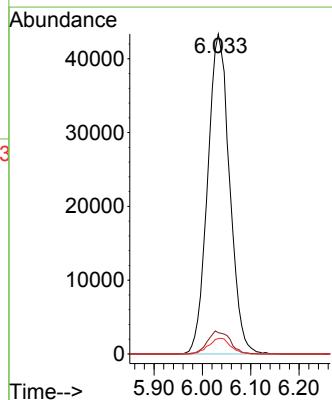
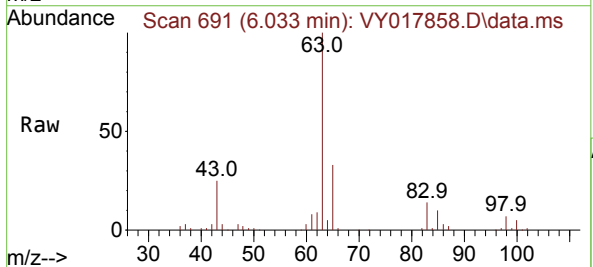
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

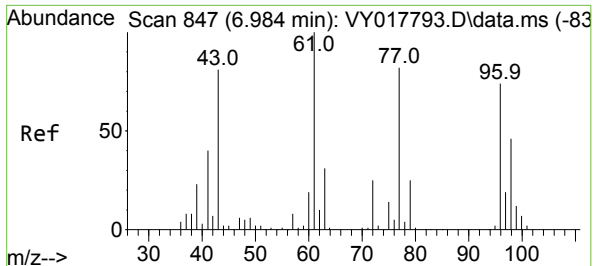
Tgt Ion: 43 Resp: 634144
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 58.160 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

Tgt Ion: 63 Resp: 136780
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.8 2.6 8.0

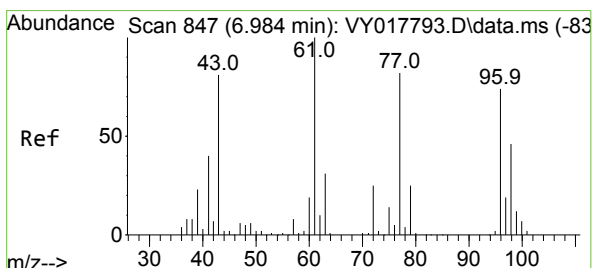
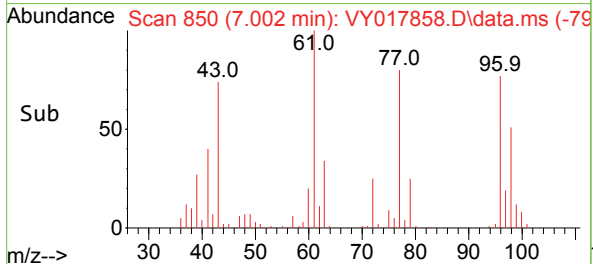
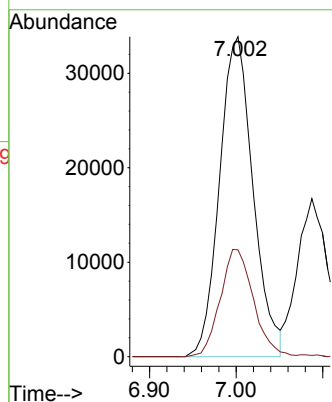
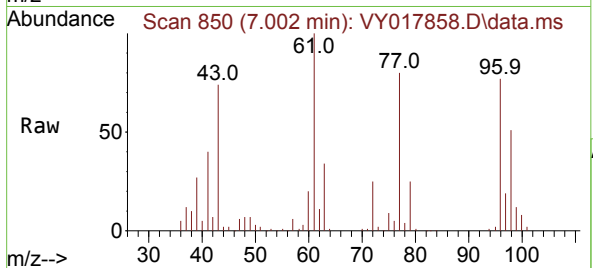




#25
2-Butanone
Concen: 267.189 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

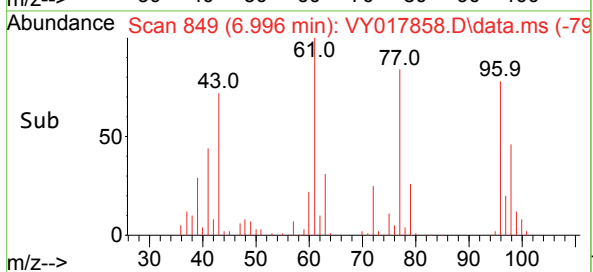
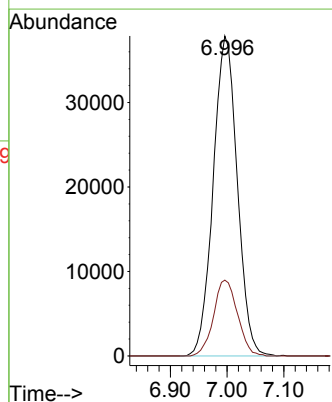
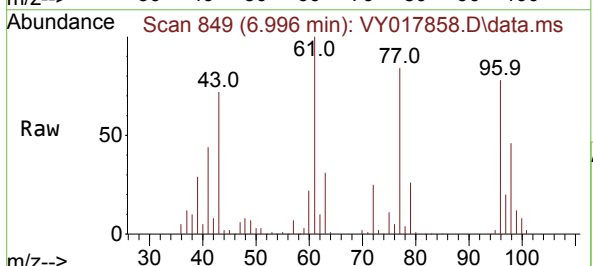
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

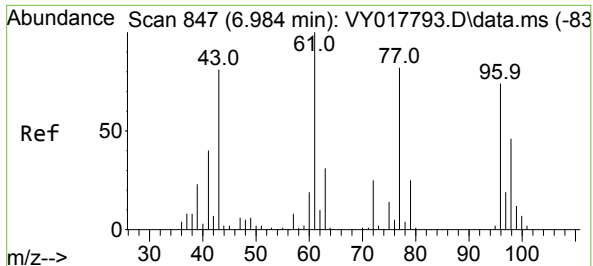
Tgt Ion: 43 Resp: 91135
Ion Ratio Lower Upper
43 100
72 33.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 54.906 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 77 Resp: 111529
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1

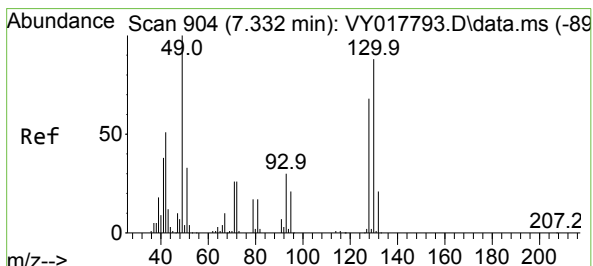
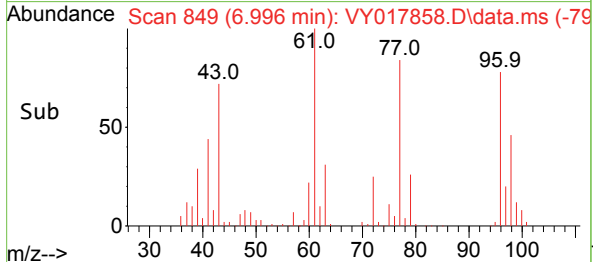
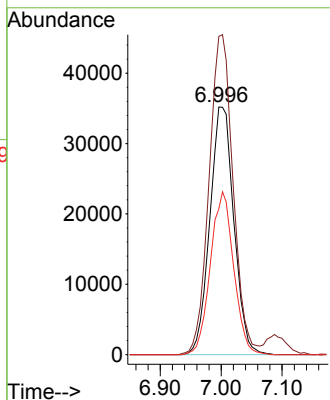
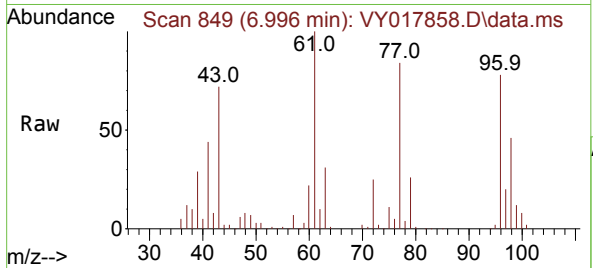




#27
 cis-1,2-Dichloroethene
 Concen: 61.183 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

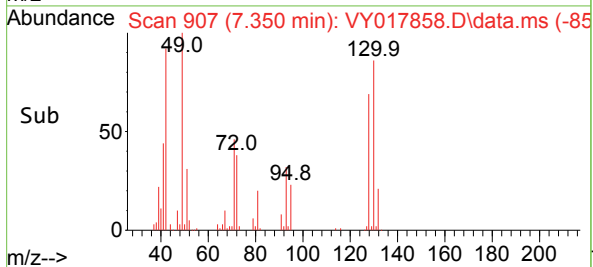
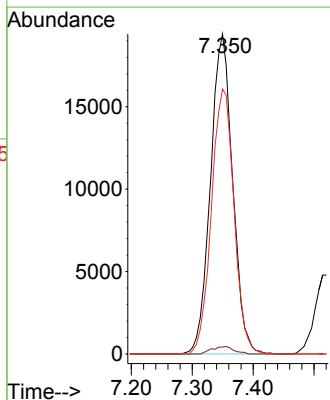
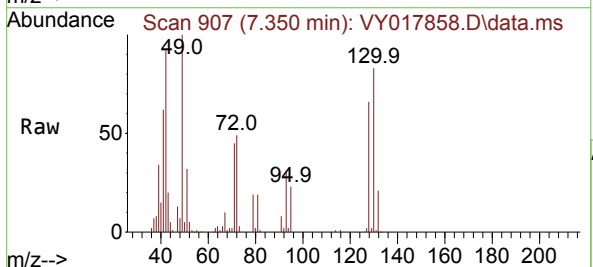
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

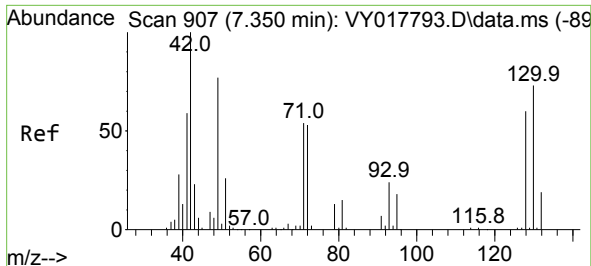
Tgt Ion:	96	Resp:	96690
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	256.2
98	63.6	0.0	130.0



#28
 Bromochloromethane
 Concen: 51.245 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.018 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

Tgt Ion:	49	Resp:	49010
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	84.2	72.7	109.1





#29

Tetrahydrofuran

Concen: 292.260 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

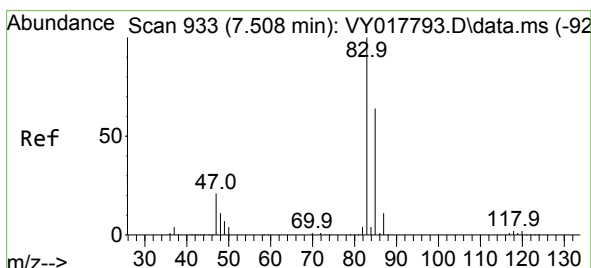
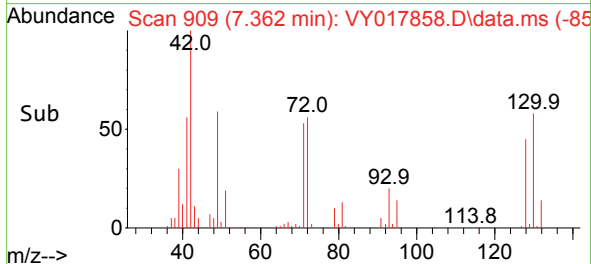
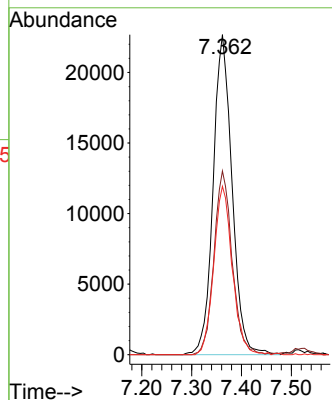
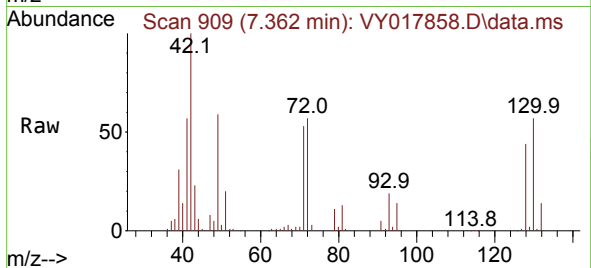
Tgt Ion: 42 Resp: 59815

Ion Ratio Lower Upper

42 100

72 55.3 43.0 64.4

71 51.5 40.8 61.2



#30

Chloroform

Concen: 61.750 ug/l

RT: 7.520 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017858.D

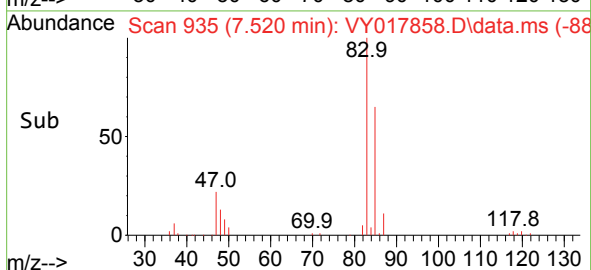
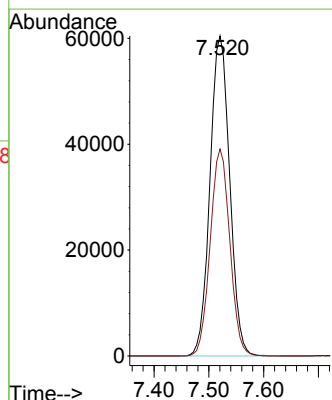
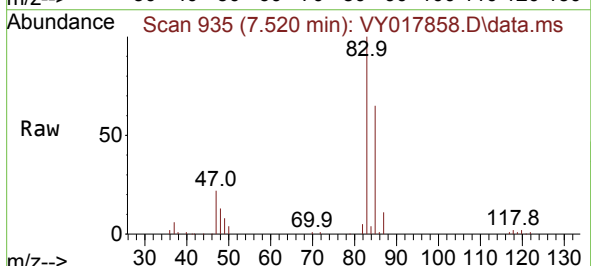
Acq: 04 Apr 2024 17:49

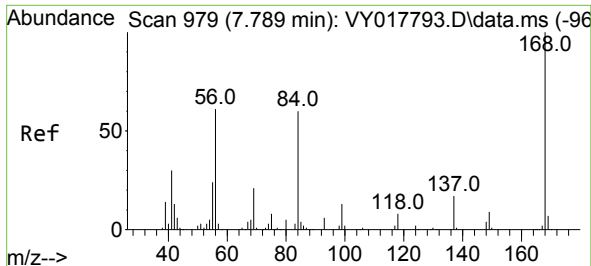
Tgt Ion: 83 Resp: 150678

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.4

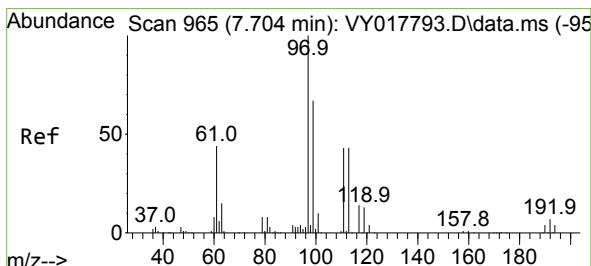
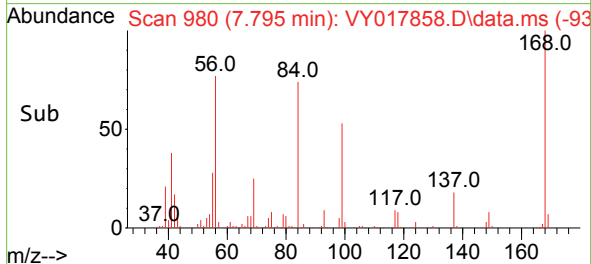
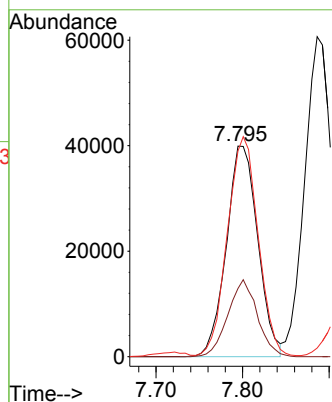
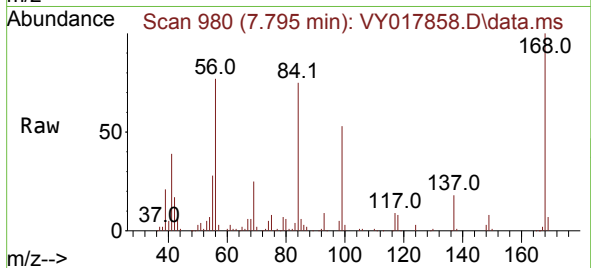




#31
Cyclohexane
Concen: 49.514 ug/l
RT: 7.795 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

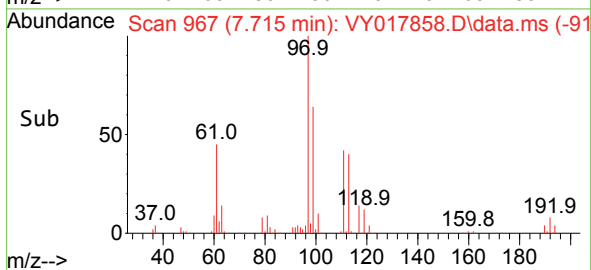
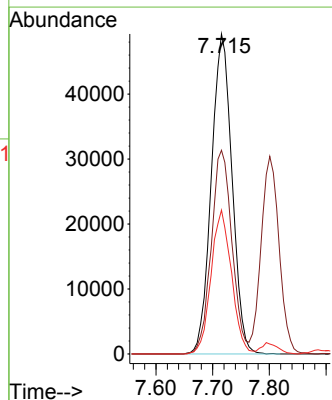
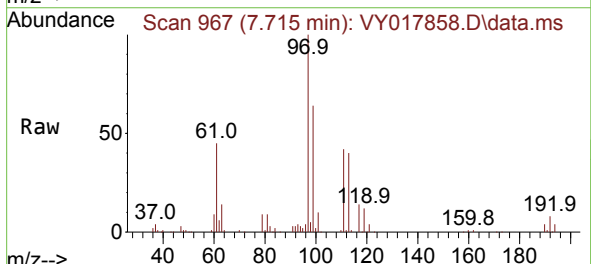
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

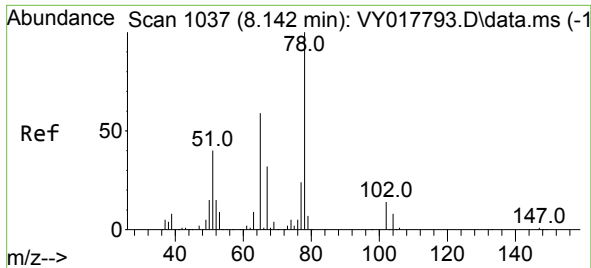
Tgt Ion: 56 Resp: 101035
Ion Ratio Lower Upper
56 100
69 32.3 28.7 43.1
84 96.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 60.090 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 97 Resp: 124797
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 44.4 32.6 48.8

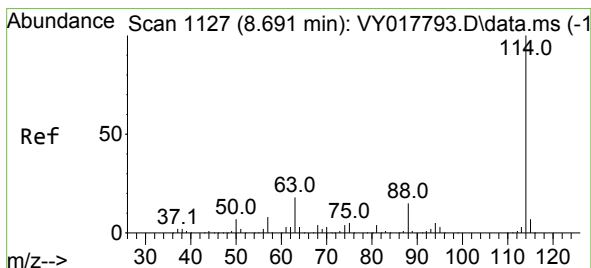
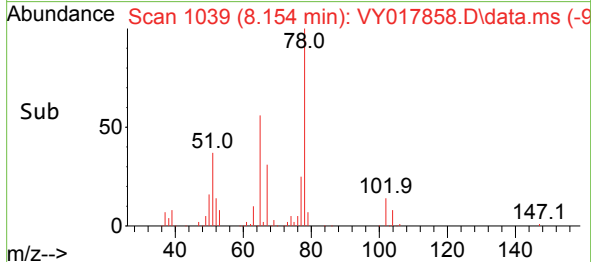
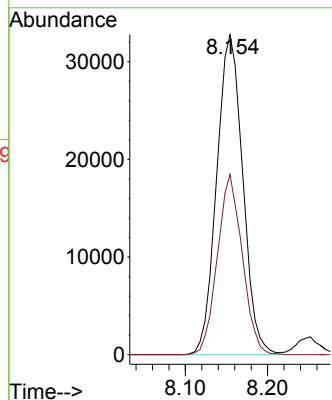
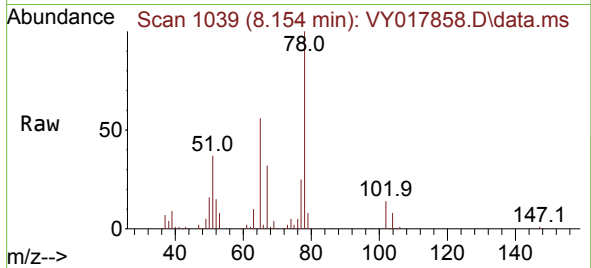




#33
1,2-Dichloroethane-d4
Concen: 62.362 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

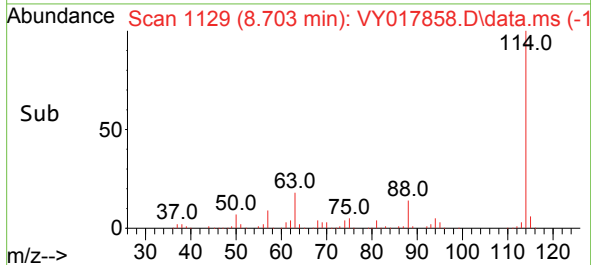
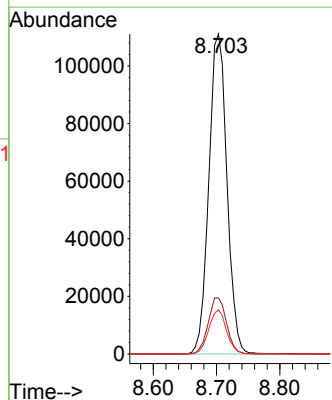
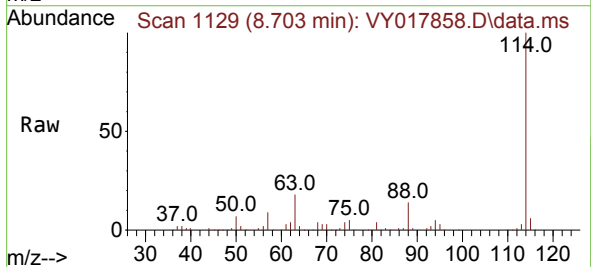
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

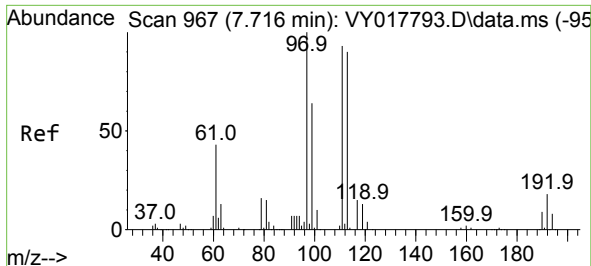
Tgt Ion: 65 Resp: 72235
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion:114 Resp: 221157
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 13.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.348 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

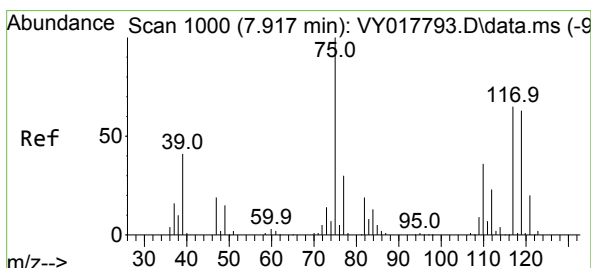
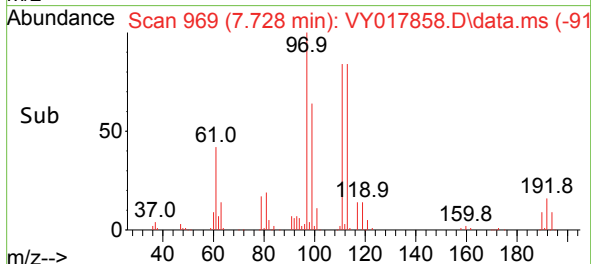
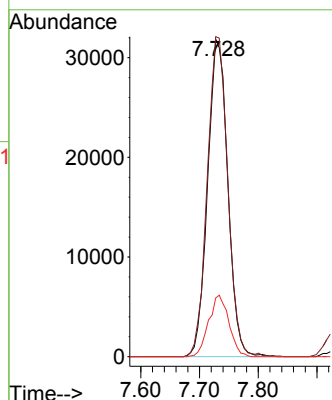
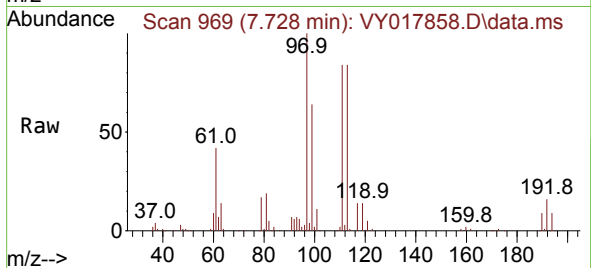
Tgt Ion:113 Resp: 75843

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 54.325 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

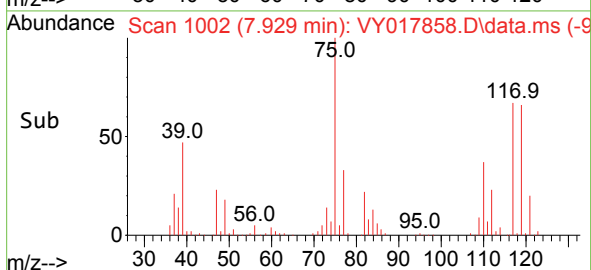
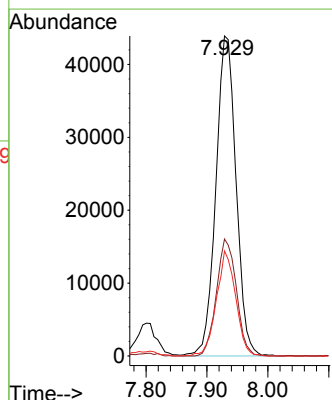
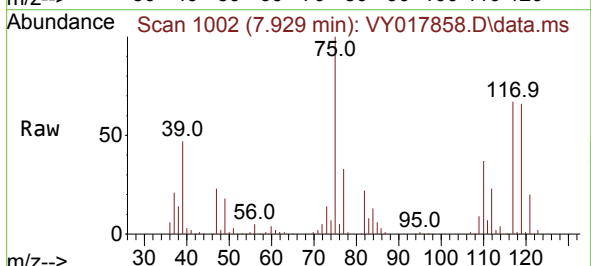
Tgt Ion: 75 Resp: 101296

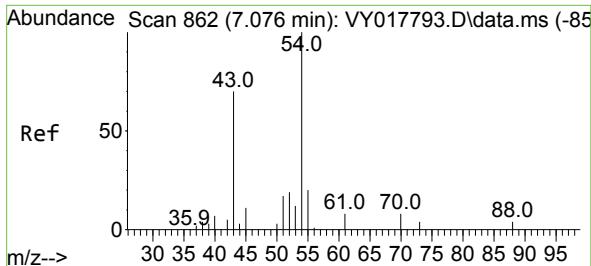
Ion Ratio Lower Upper

75 100

110 36.0 19.0 57.0

77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 53.134 ug/l

RT: 7.087 min Scan# 862

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

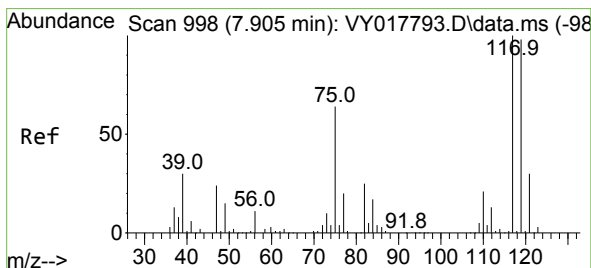
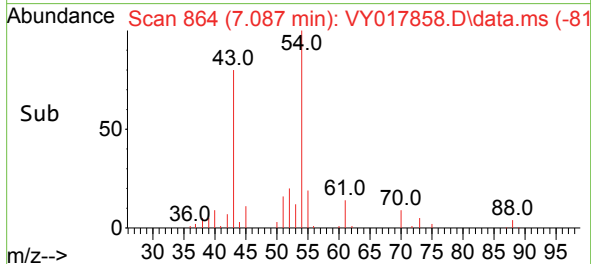
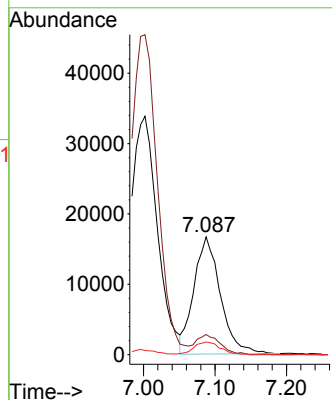
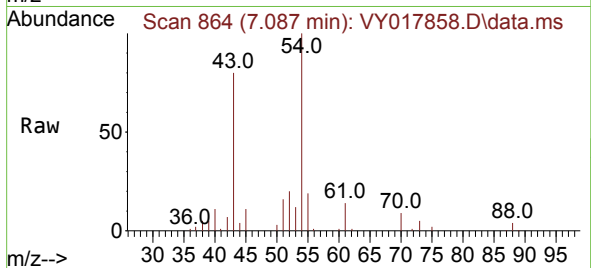
Tgt Ion: 43 Resp: 42755

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.691 ug/l

RT: 7.910 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

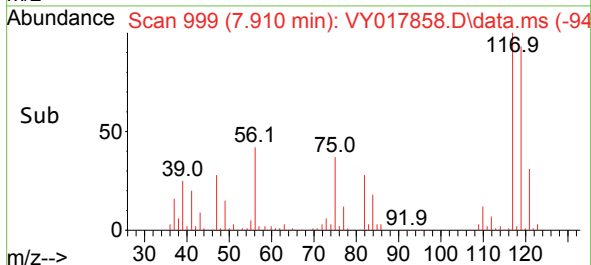
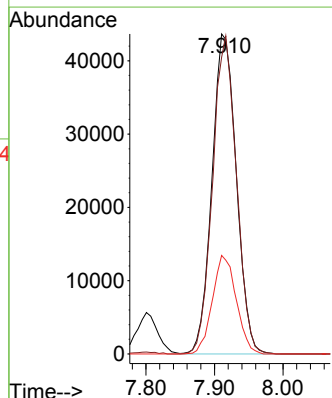
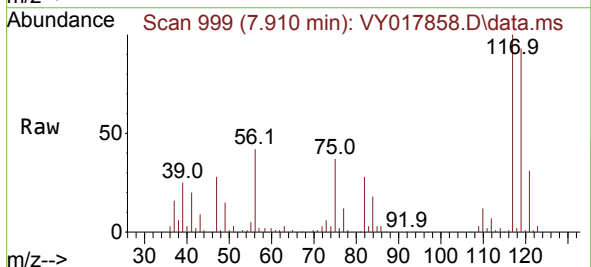
Tgt Ion: 117 Resp: 107801

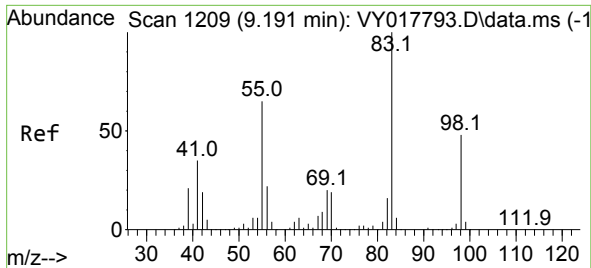
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 30.8 24.0 36.0

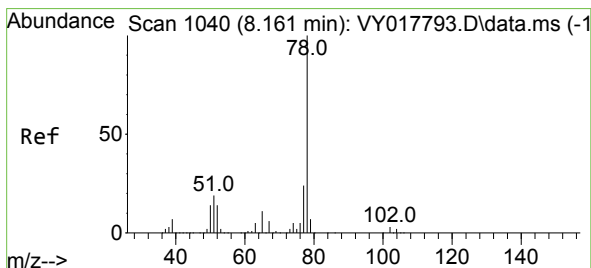
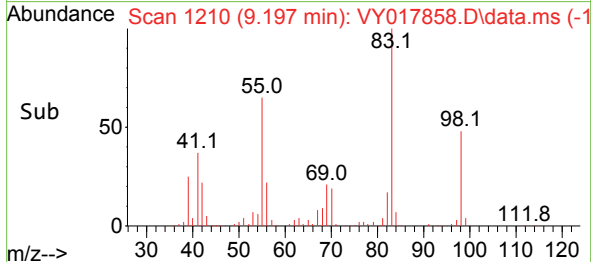
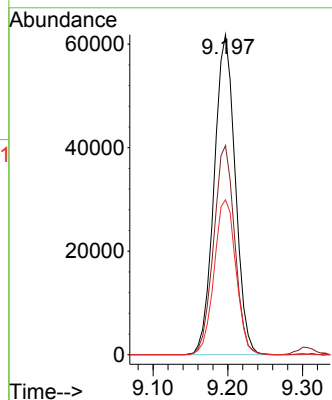
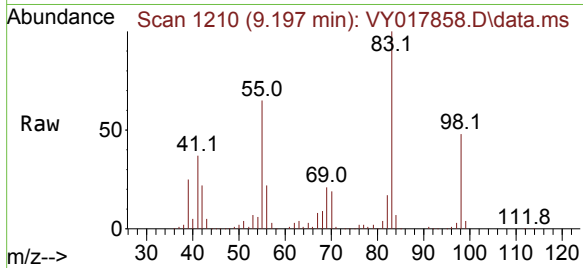




#39
Methylcyclohexane
Concen: 52.015 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

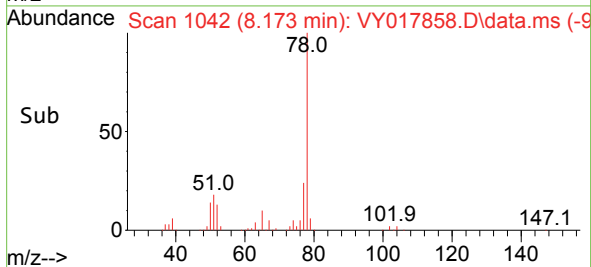
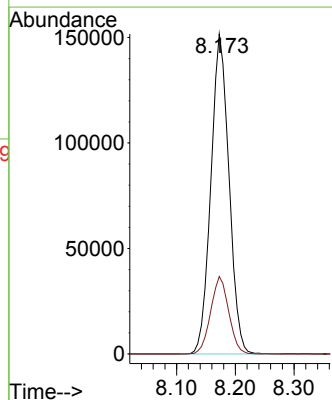
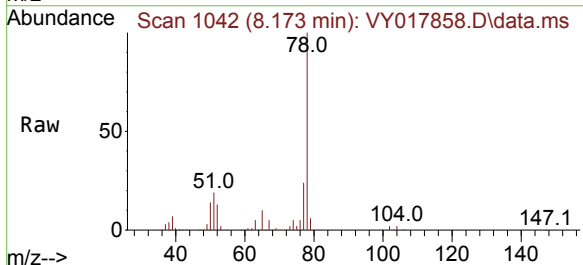
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

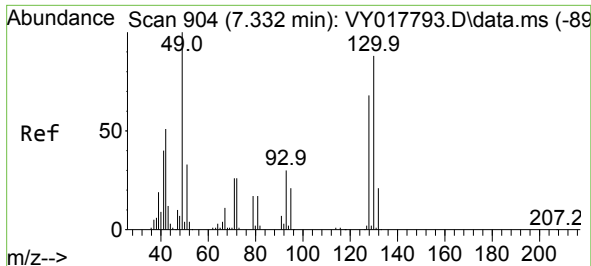
Tgt Ion: 83 Resp: 121148
Ion Ratio Lower Upper
83 100
55 65.3 51.5 77.3
98 48.4 40.5 60.7



#40
Benzene
Concen: 56.459 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 78 Resp: 324437
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

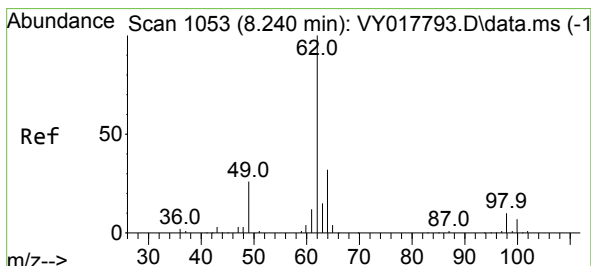
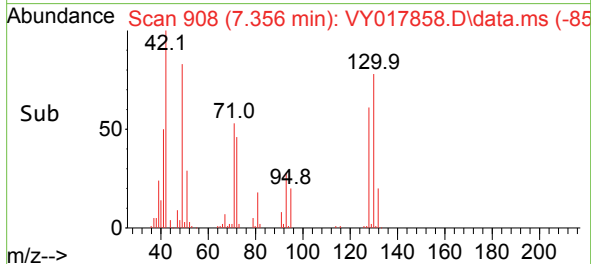
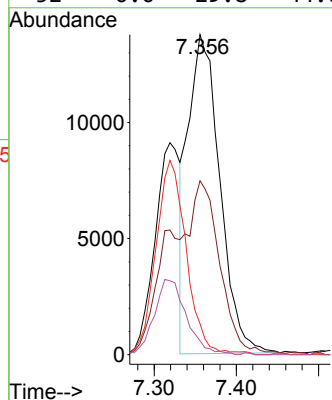
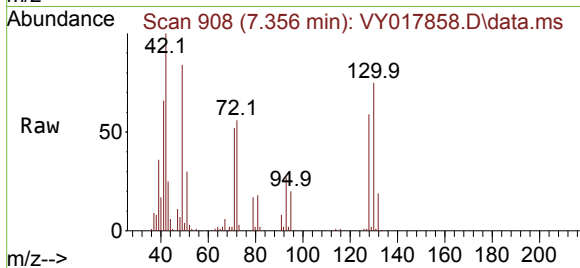




#41
Methacrylonitrile
Concen: 73.763 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

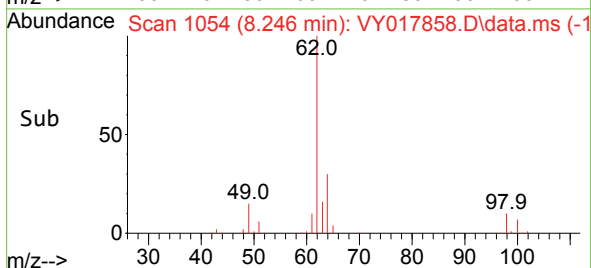
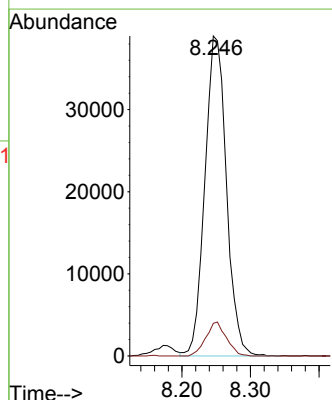
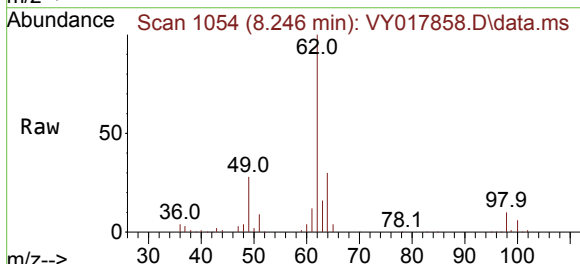
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

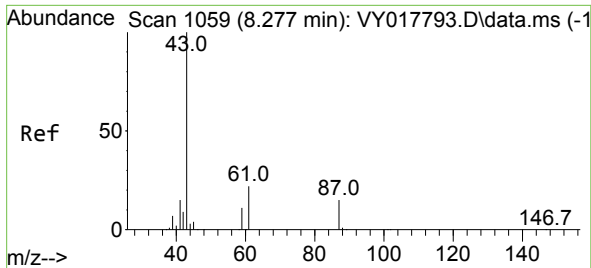
Tgt Ion: 41 Resp: 37023
Ion Ratio Lower Upper
41 100
39 43.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 60.354 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 62 Resp: 85363
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0

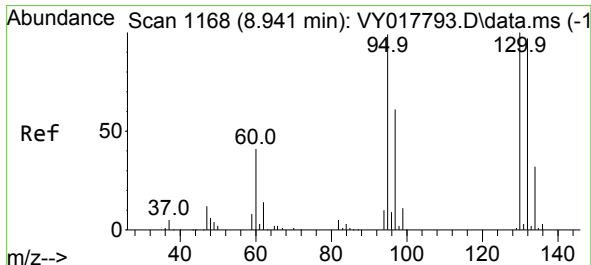
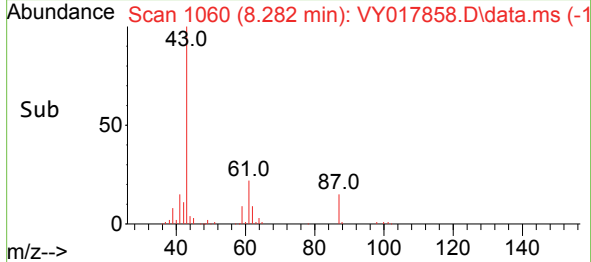
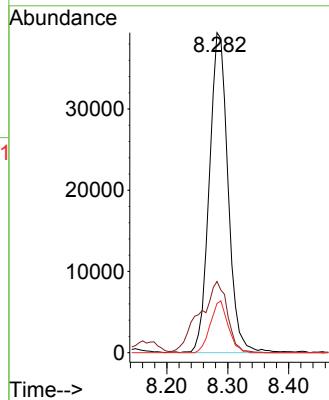
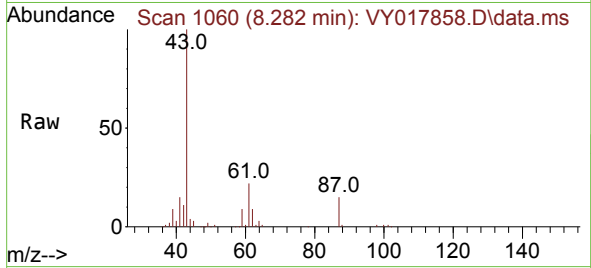




#43
Isopropyl Acetate
Concen: 57.517 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

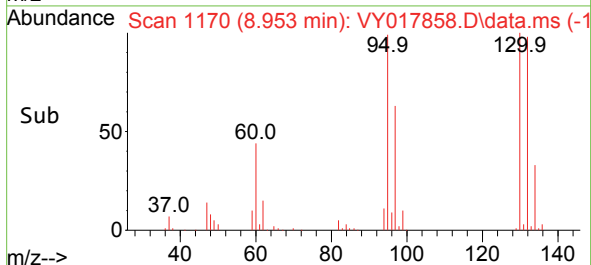
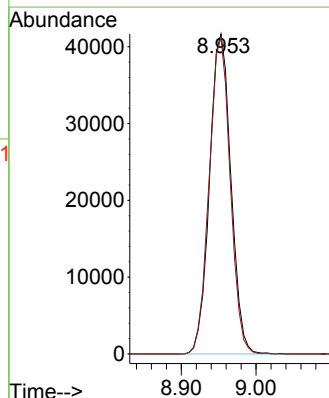
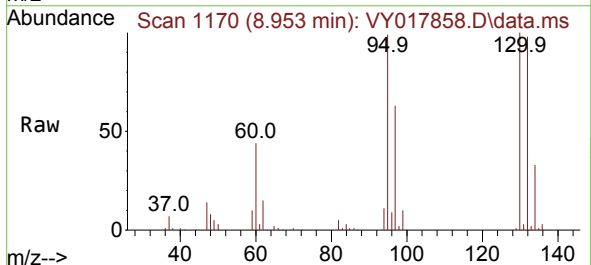
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

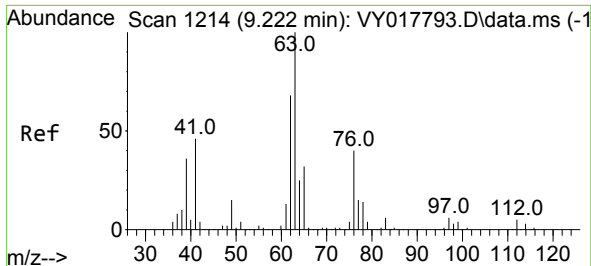
Tgt Ion:	43	Resp:	83991
Ion	Ratio	Lower	Upper
43	100		
61	32.9	27.9	41.9
87	15.4	13.1	19.7



#44
Trichloroethene
Concen: 55.327 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion:	130	Resp:	82717
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 56.026 ug/l

RT: 9.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

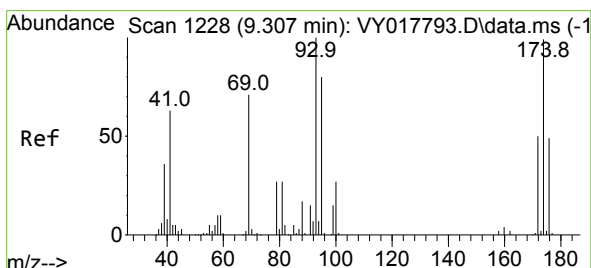
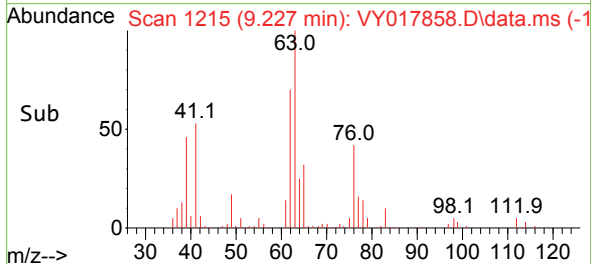
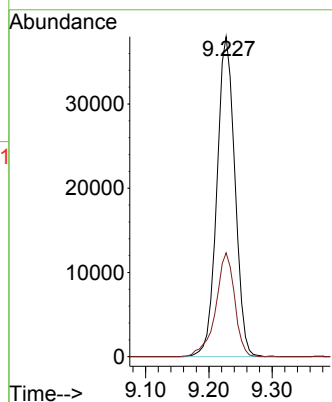
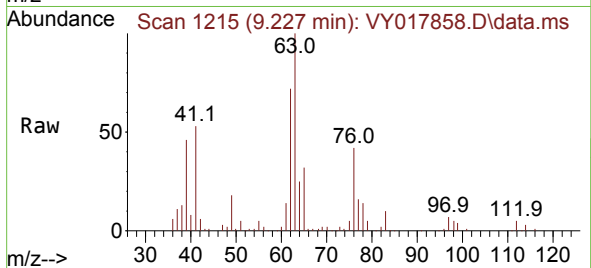
VSTDCCC050EC

Tgt Ion: 63 Resp: 74810

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 60.159 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

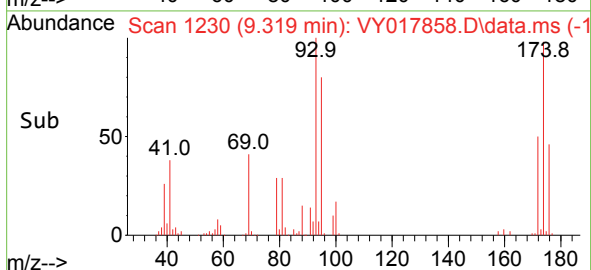
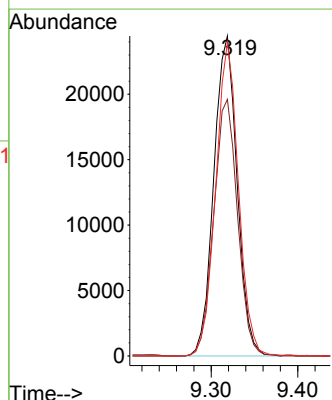
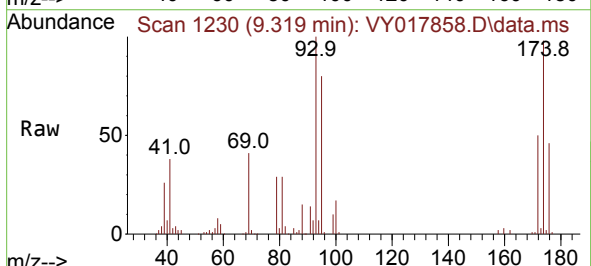
Tgt Ion: 93 Resp: 45638

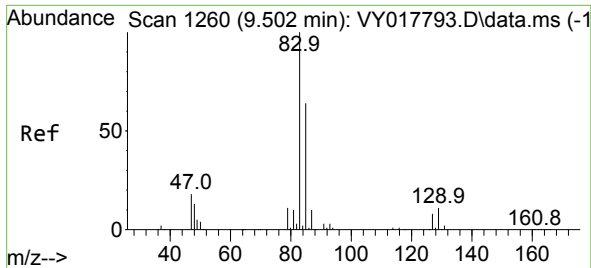
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 96.1 80.9 121.3

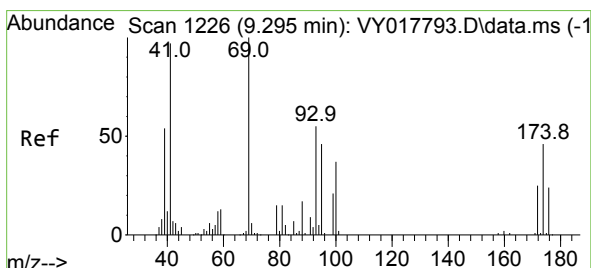
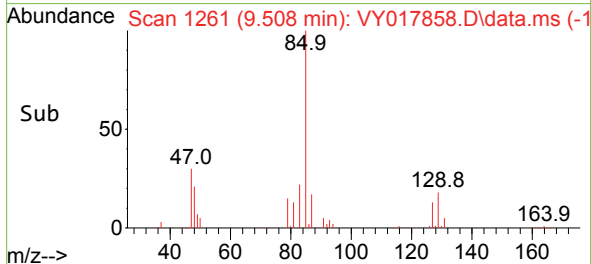
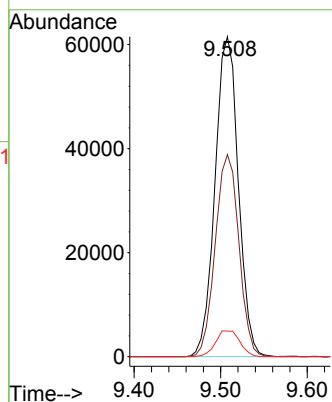
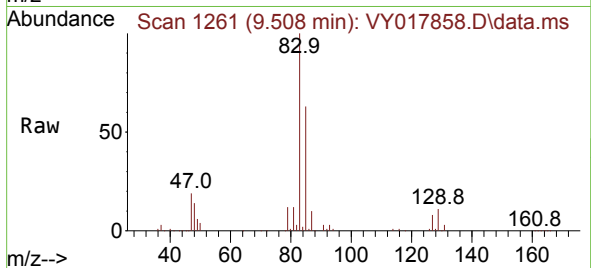




#47
Bromodichloromethane
Concen: 60.009 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

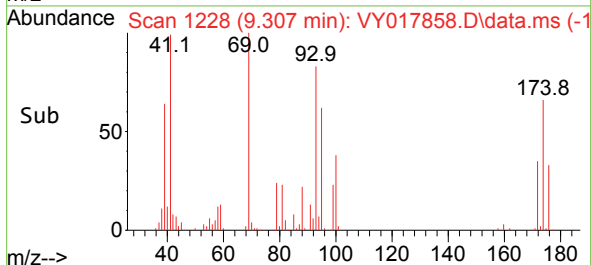
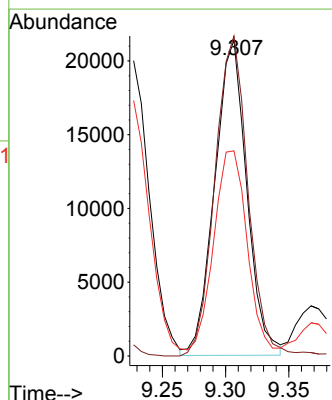
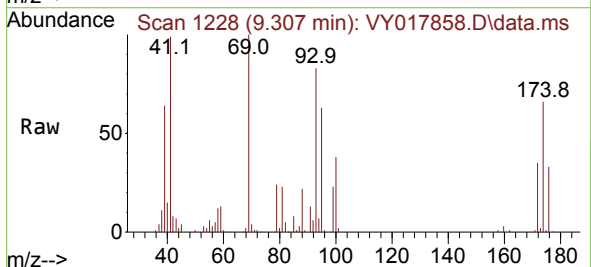
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

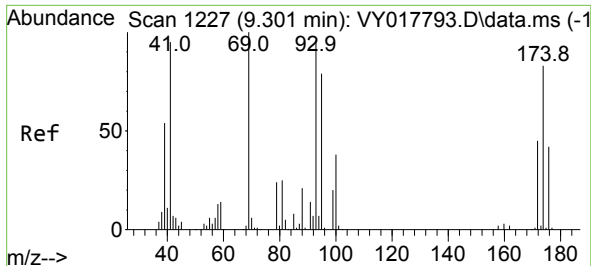
Tgt Ion: 83 Resp: 115029
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 59.020 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 41 Resp: 37665
Ion Ratio Lower Upper
41 100
69 105.1 84.1 126.1
39 65.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1183.025 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

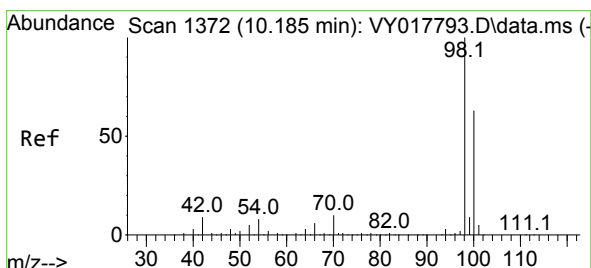
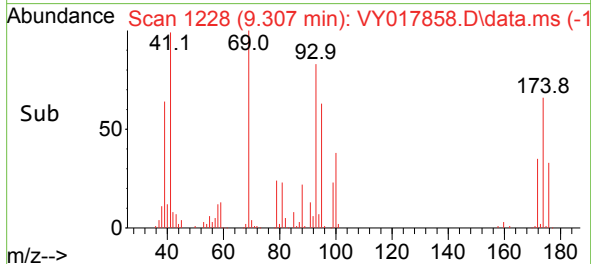
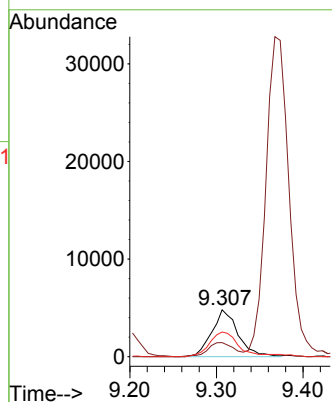
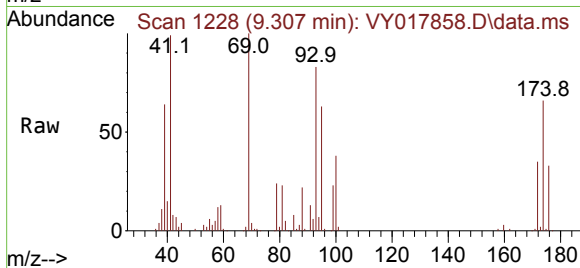
Tgt Ion: 88 Resp: 10075

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 56.5 49.3 73.9



#50

Toluene-d8

Concen: 58.760 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017858.D

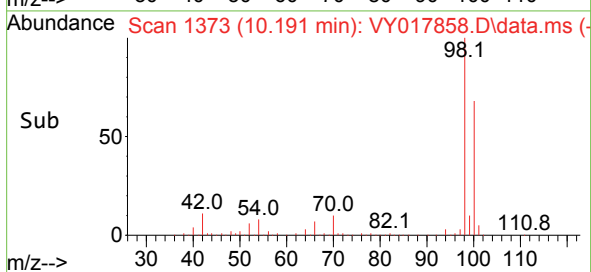
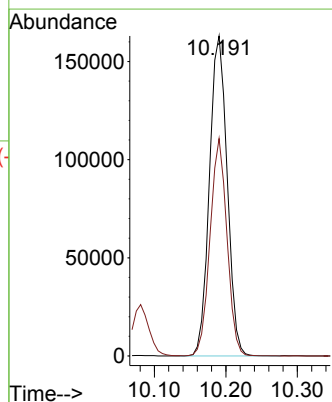
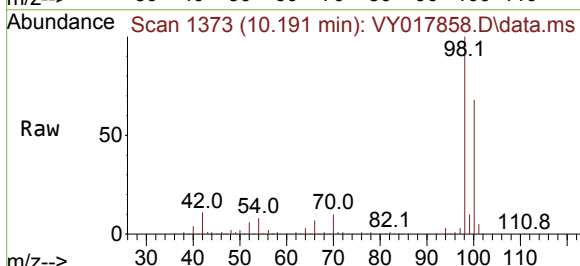
Acq: 04 Apr 2024 17:49

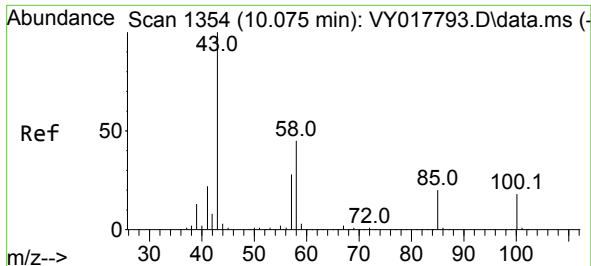
Tgt Ion: 98 Resp: 280503

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

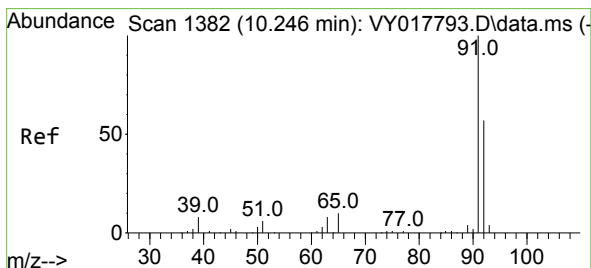
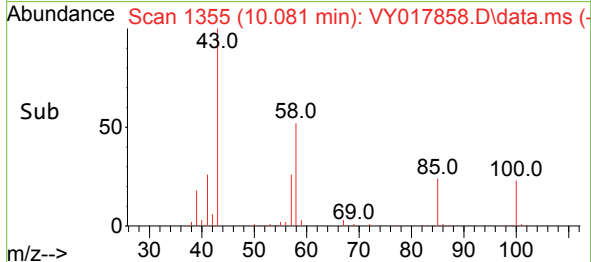
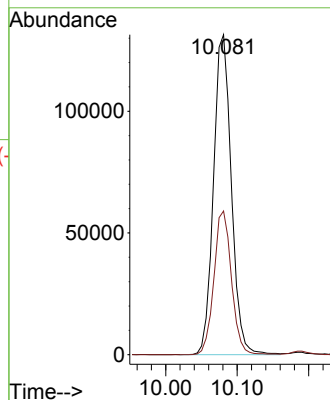
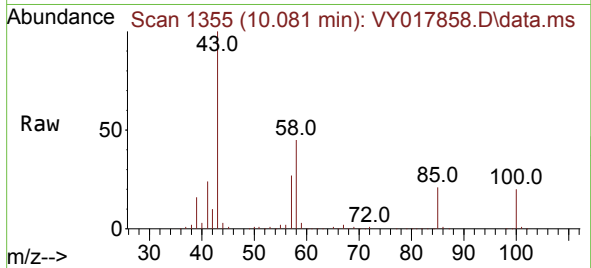




#51
4-Methyl-2-Pentanone
Concen: 304.207 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

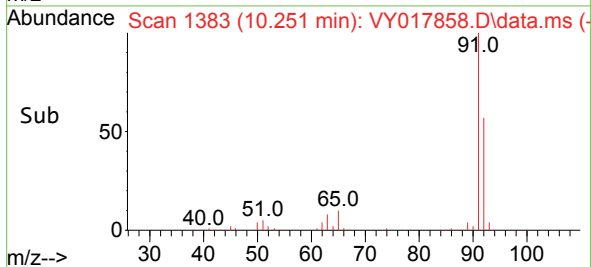
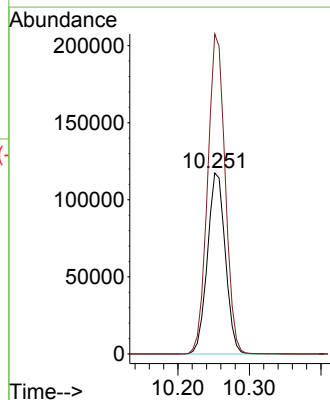
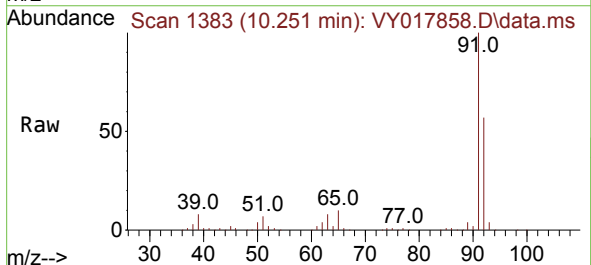
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

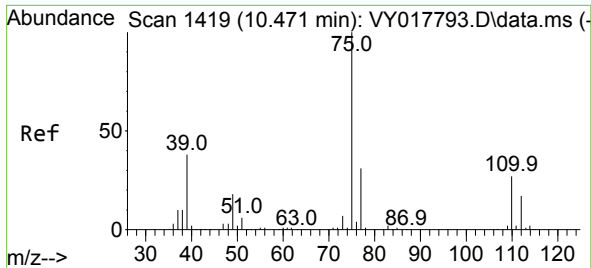
Tgt Ion: 43 Resp: 227754
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 58.496 ug/l
RT: 10.251 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 92 Resp: 203892
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6

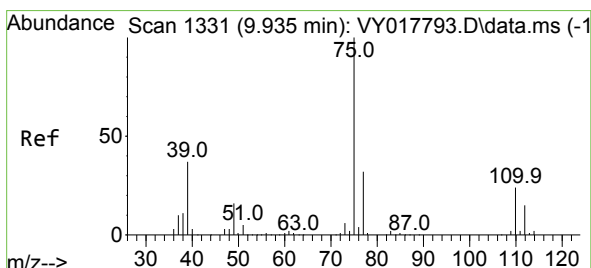
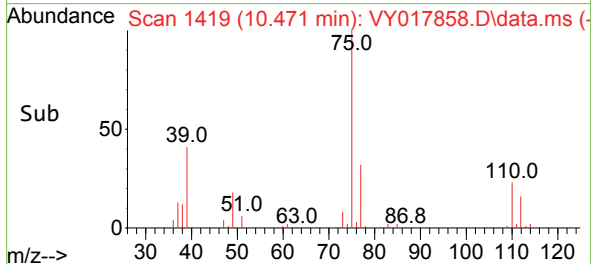
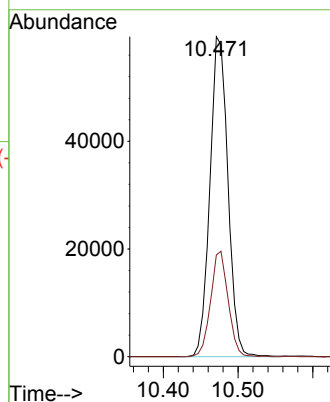
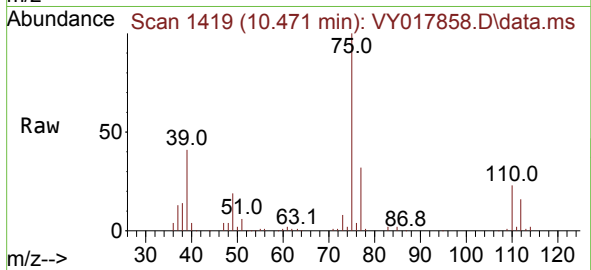




#53
 t-1,3-Dichloropropene
 Concen: 58.660 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

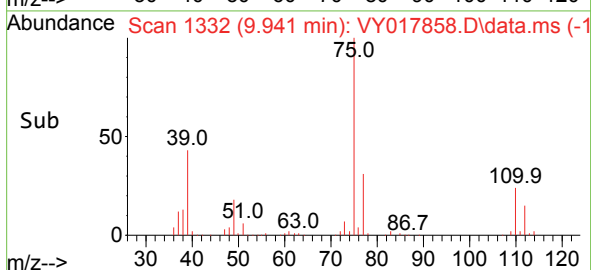
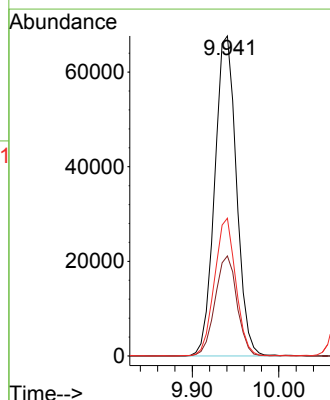
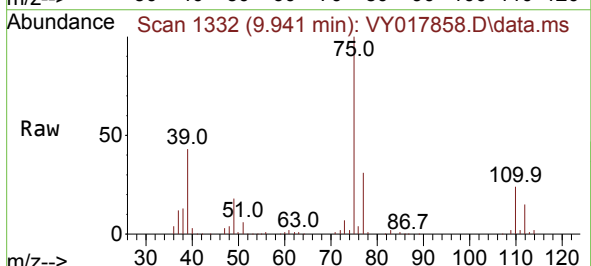
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

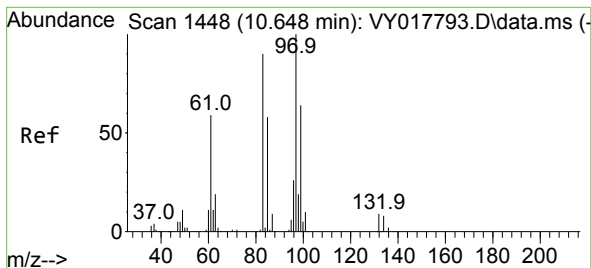
Tgt Ion: 75 Resp: 99839
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 56.784 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

Tgt Ion: 75 Resp: 117952
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 42.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 58.110 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58740

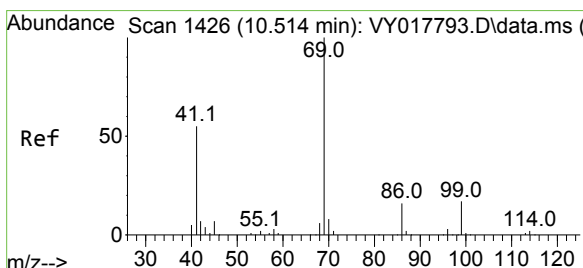
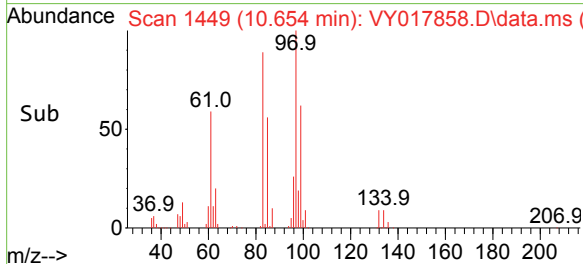
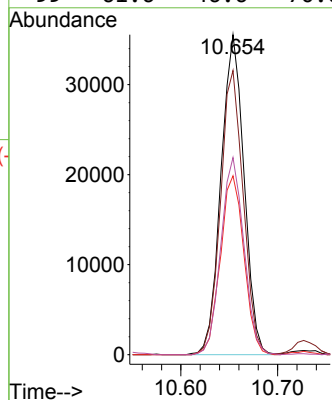
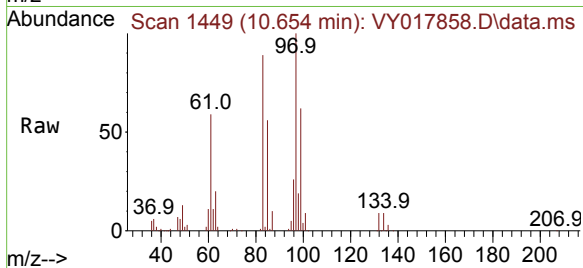
Ion Ratio Lower Upper

97 100

83 88.8 67.5 101.3

85 55.9 42.9 64.3

99 61.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 59.794 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

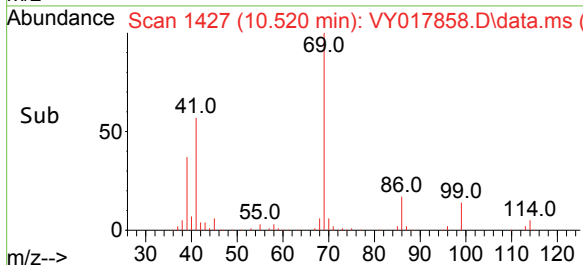
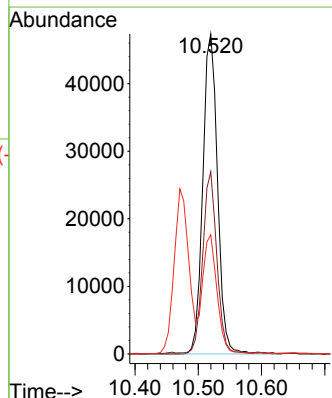
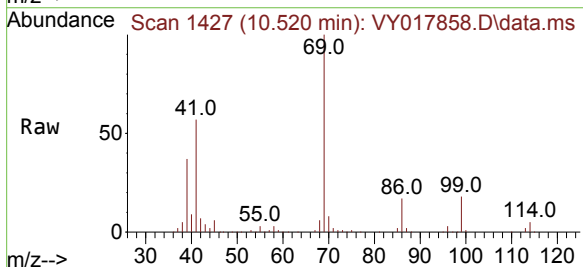
Tgt Ion: 69 Resp: 76775

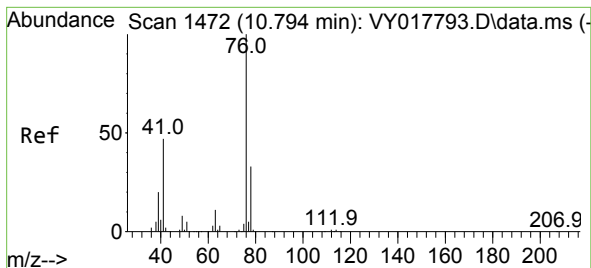
Ion Ratio Lower Upper

69 100

41 53.9 42.3 63.5

39 36.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 58.667 ug/l

RT: 10.800 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

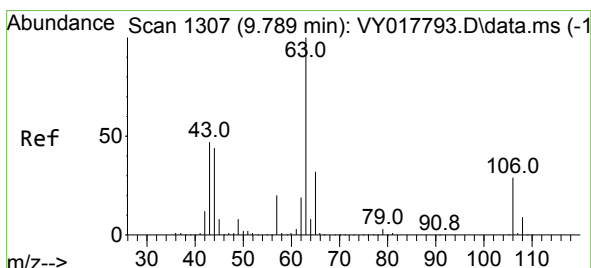
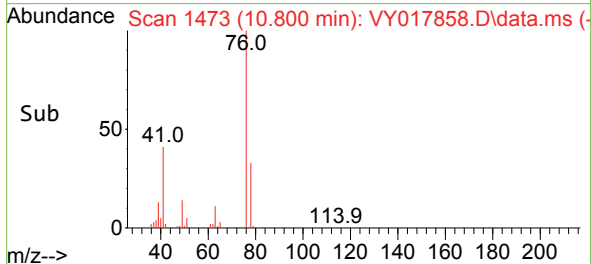
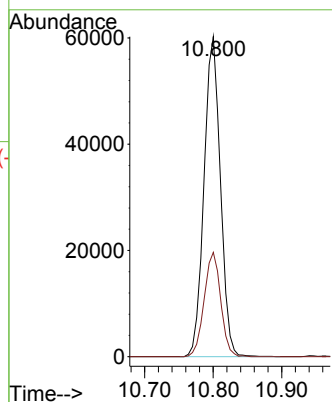
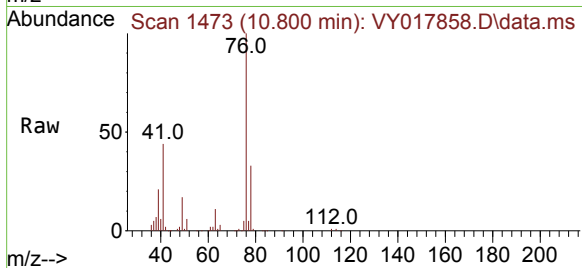
VSTDCCC050EC

Tgt Ion: 76 Resp: 100299

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.175 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.005 min

Lab File: VY017858.D

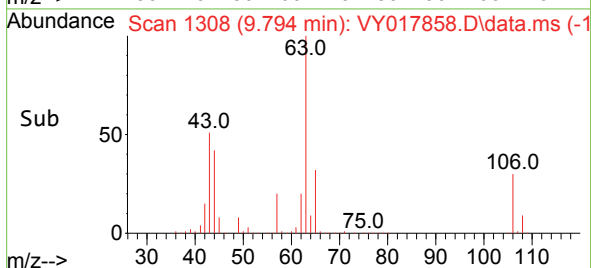
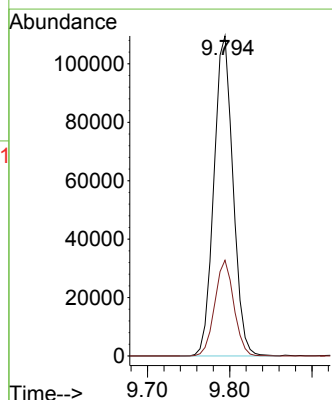
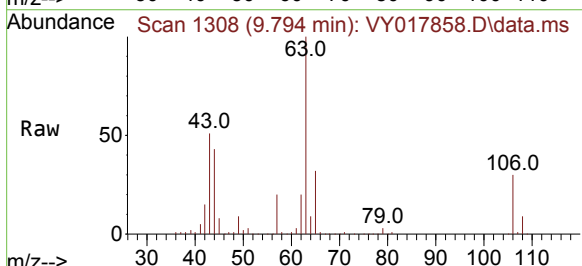
Acq: 04 Apr 2024 17:49

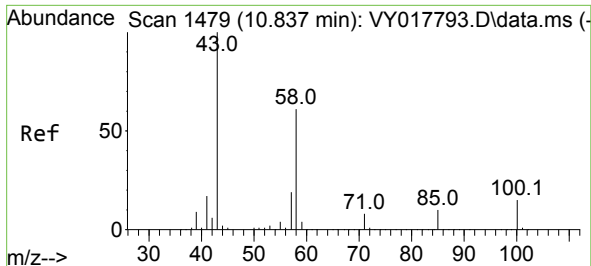
Tgt Ion: 63 Resp: 176699

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5

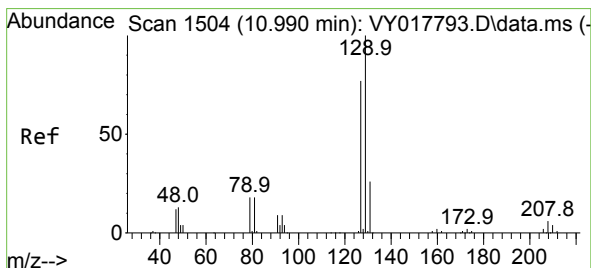
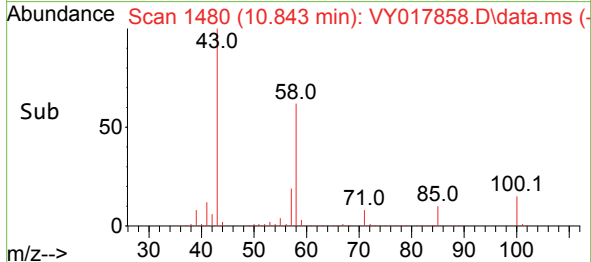
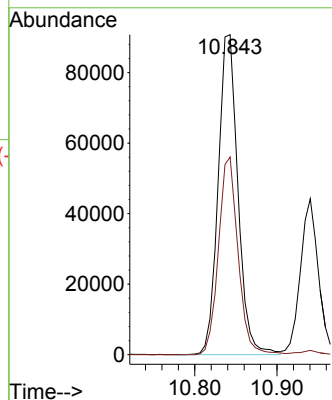
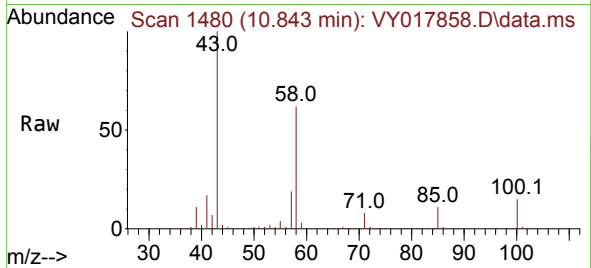




#59
2-Hexanone
Concen: 287.984 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

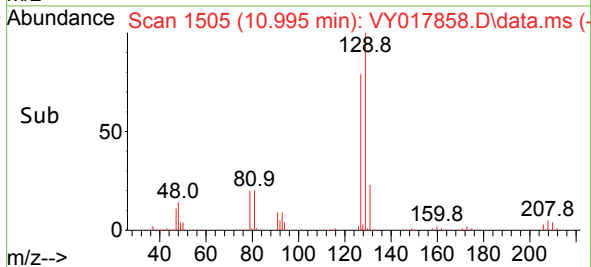
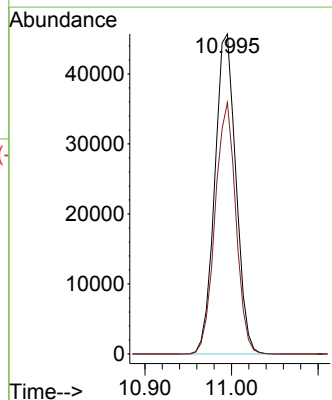
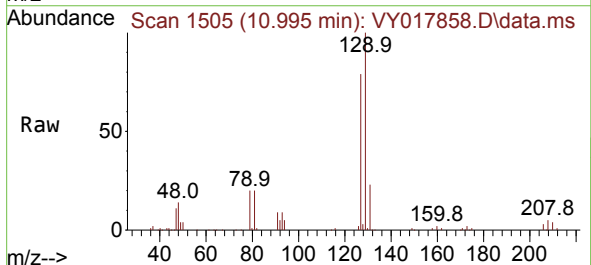
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

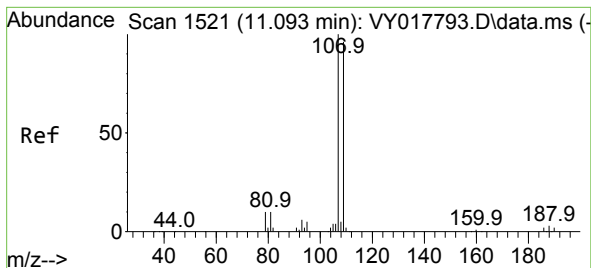
Tgt Ion: 43 Resp: 152002
Ion Ratio Lower Upper
43 100
58 61.1 31.4 94.0



#60
Dibromochloromethane
Concen: 60.721 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 129 Resp: 77415
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

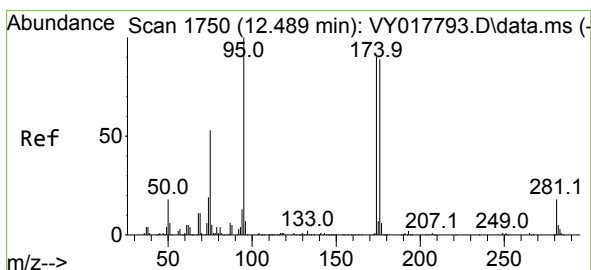
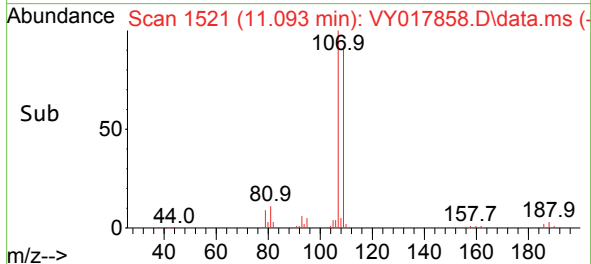
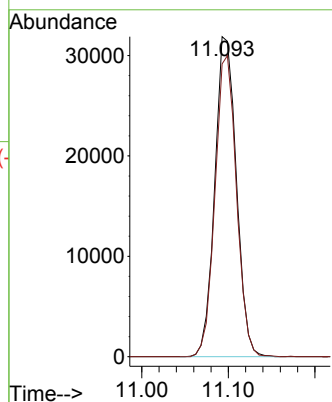
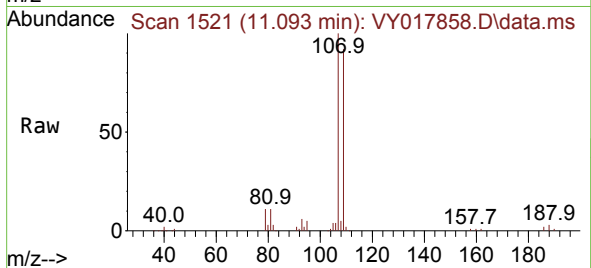




#61
1,2-Dibromoethane
Concen: 59.806 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

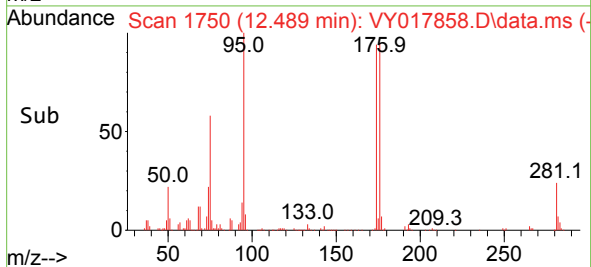
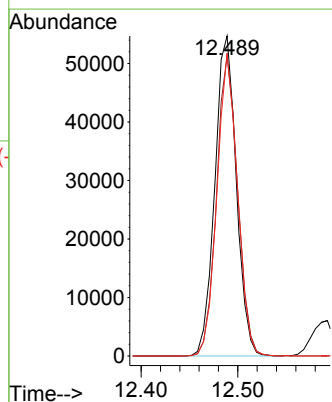
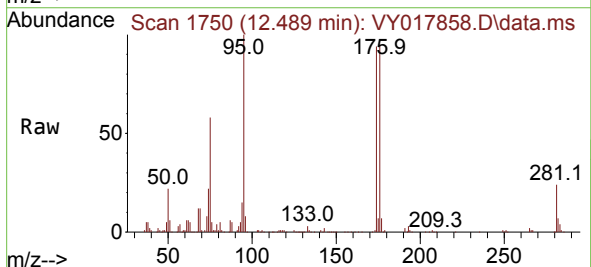
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

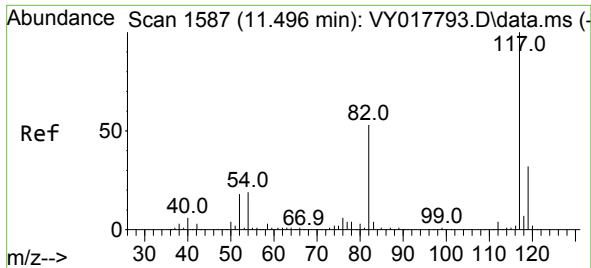
Tgt Ion:107 Resp: 55125
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.925 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 95 Resp: 84130
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 90.3 0.0 171.4

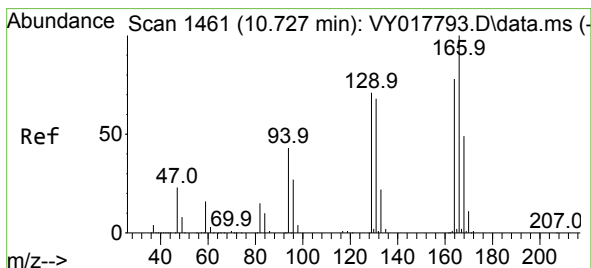
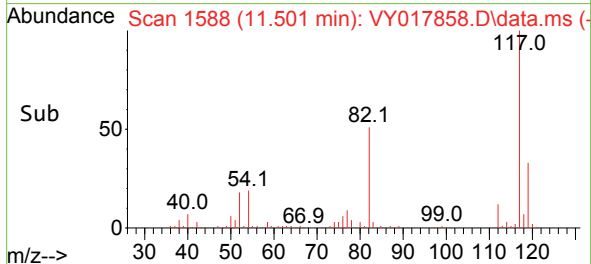
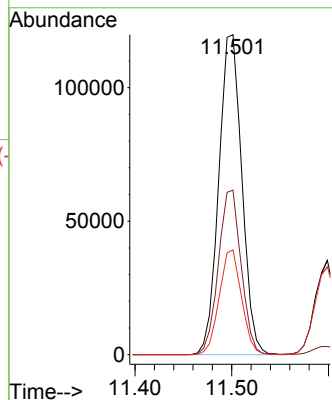
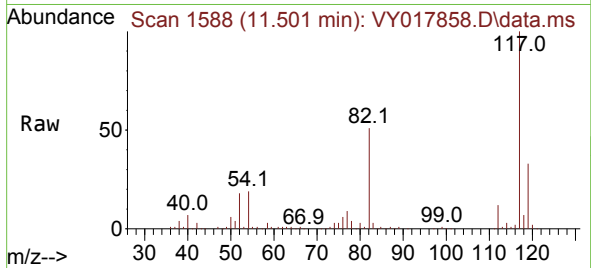




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

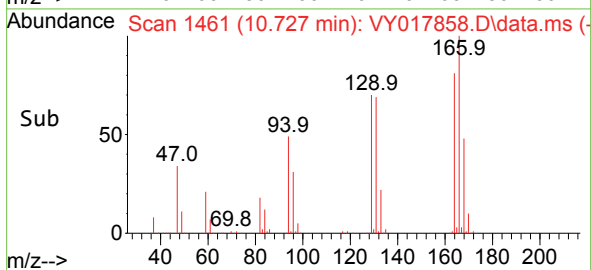
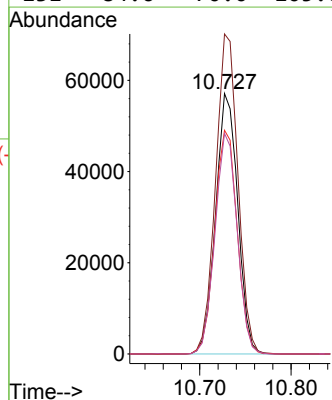
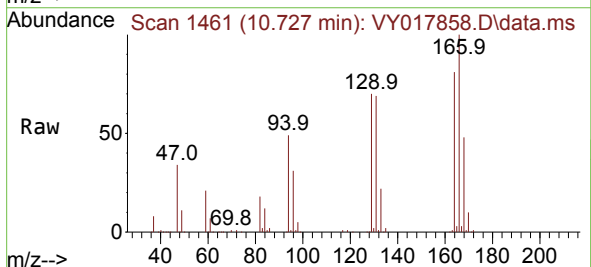
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

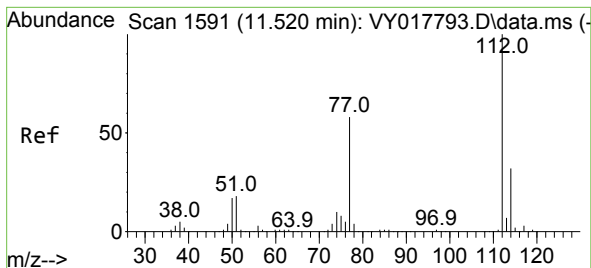
Tgt Ion:117 Resp: 198725
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.7 25.9 38.9



#64
Tetrachloroethene
Concen: 55.399 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion:164 Resp: 96023
Ion Ratio Lower Upper
164 100
166 122.8 102.6 154.0
129 85.8 72.0 108.0
131 84.6 70.0 105.0





#65

Chlorobenzene

Concen: 55.223 ug/l

RT: 11.526 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

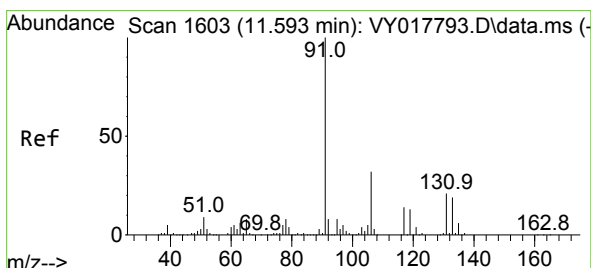
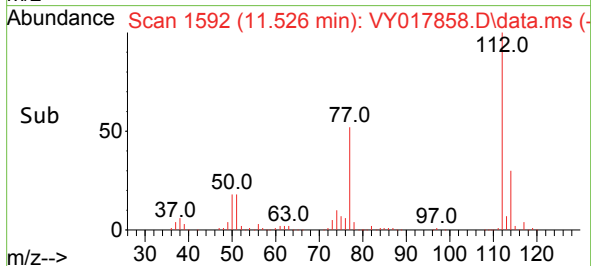
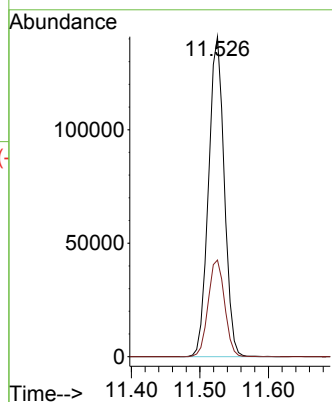
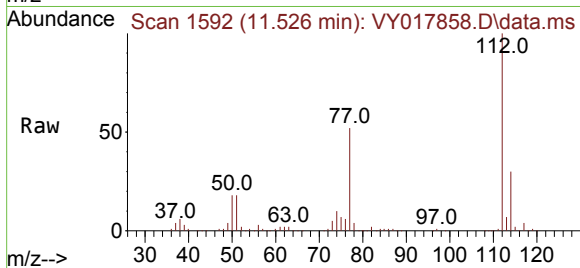
VSTDCCC050EC

Tgt Ion:112 Resp: 225117

Ion Ratio Lower Upper

112 100

114 30.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 57.662 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

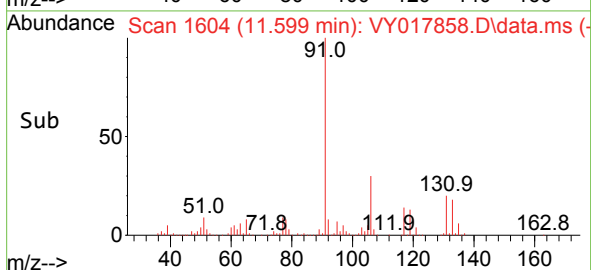
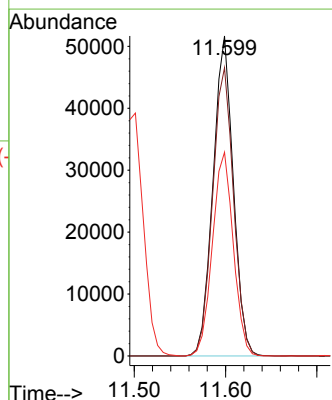
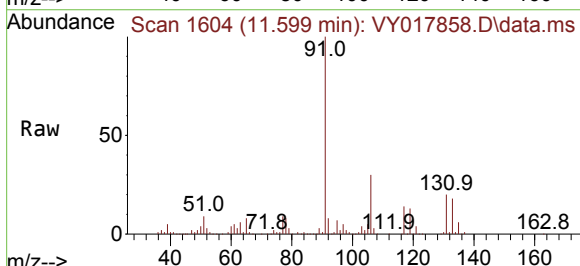
Tgt Ion:131 Resp: 79814

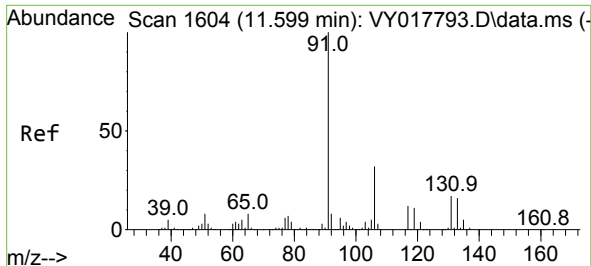
Ion Ratio Lower Upper

131 100

133 93.2 47.8 143.3

119 65.4 34.1 102.2

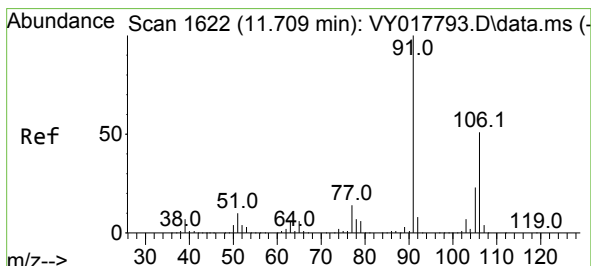
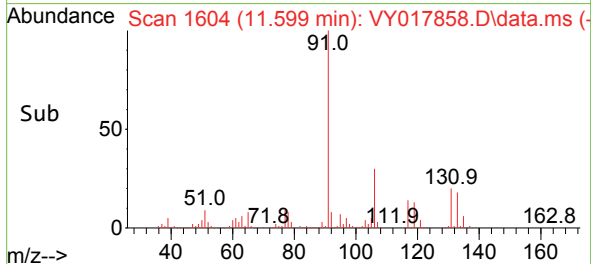
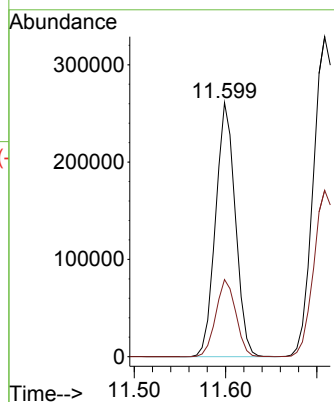
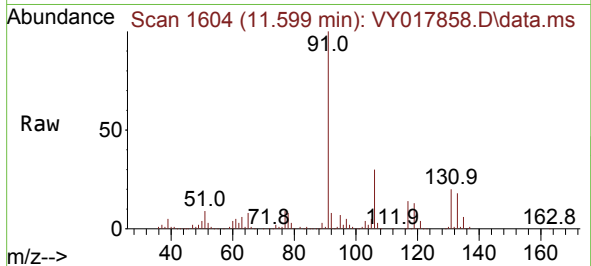




#67
Ethyl Benzene
Concen: 55.935 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

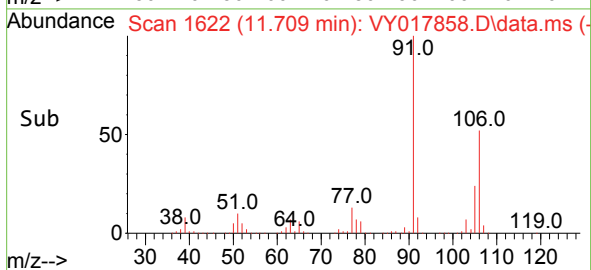
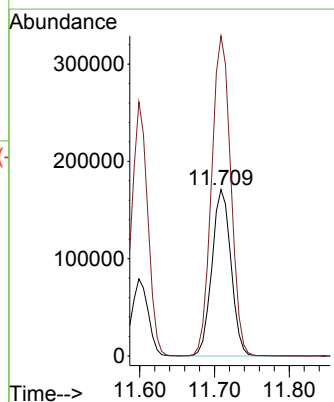
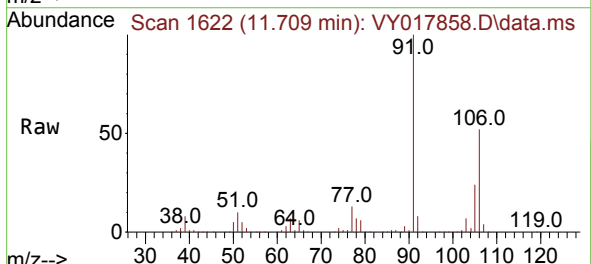
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

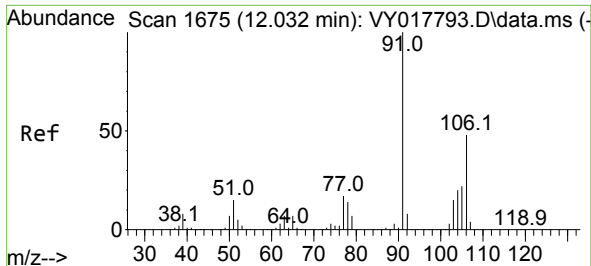
Tgt Ion: 91 Resp: 391981
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 113.985 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 106 Resp: 302934
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0





#69

o-Xylene

Concen: 60.861 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

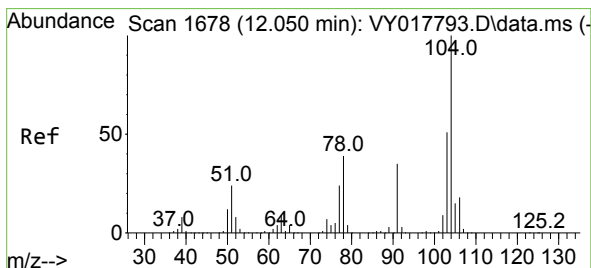
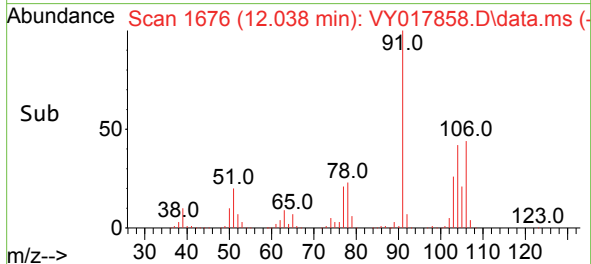
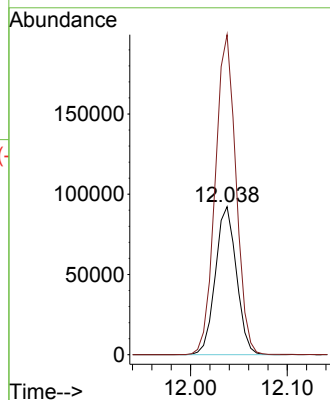
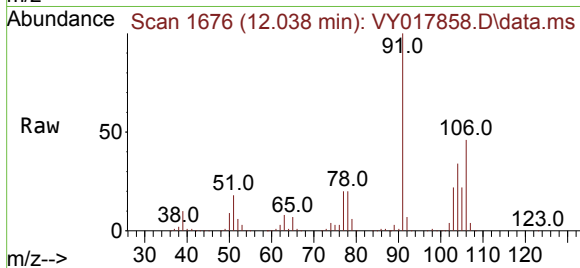
VSTDCCC050EC

Tgt Ion:106 Resp: 139352

Ion Ratio Lower Upper

106 100

91 213.5 103.6 310.8



#70

Styrene

Concen: 61.858 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

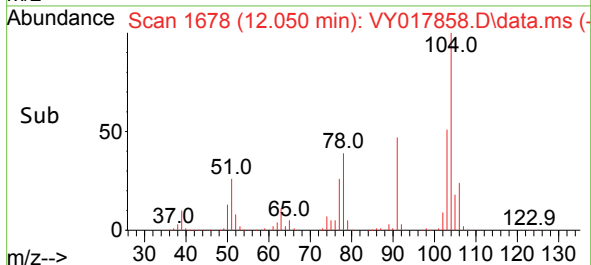
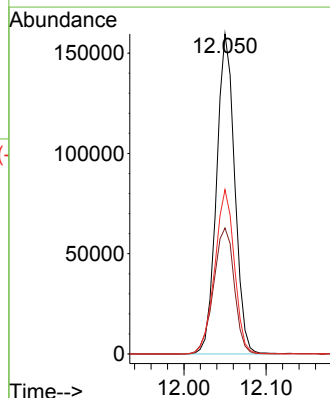
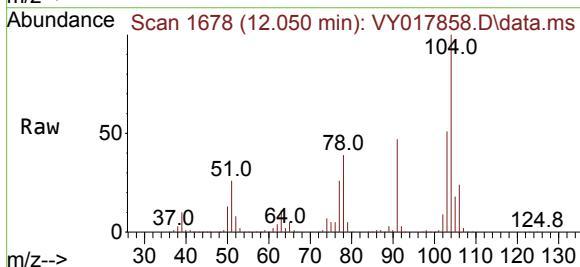
Tgt Ion:104 Resp: 245061

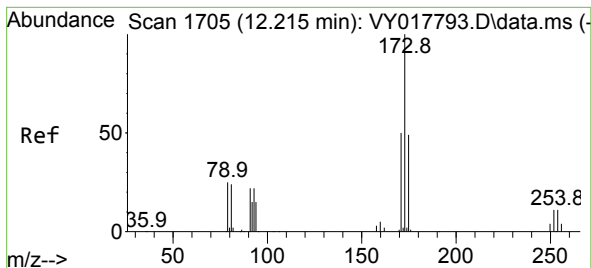
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 55.855 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

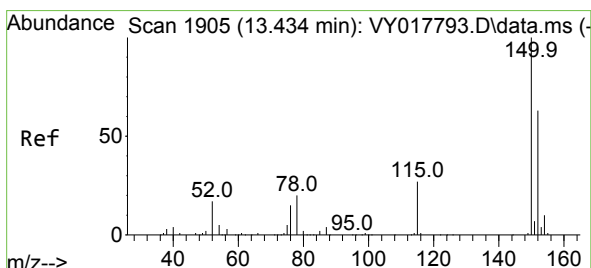
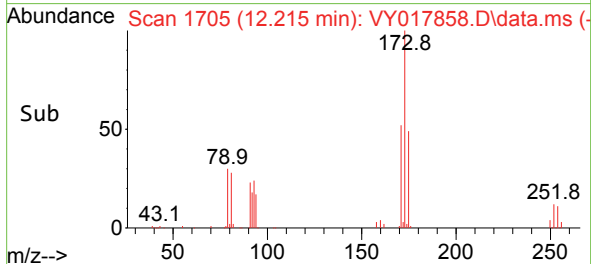
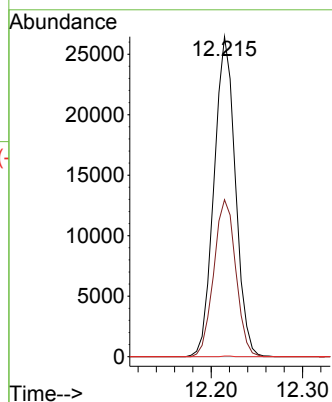
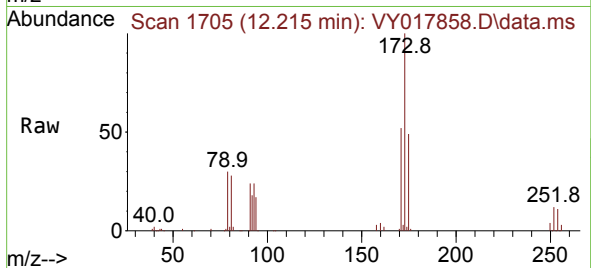
Tgt Ion:173 Resp: 42855

Ion Ratio Lower Upper

173 100

175 50.6 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

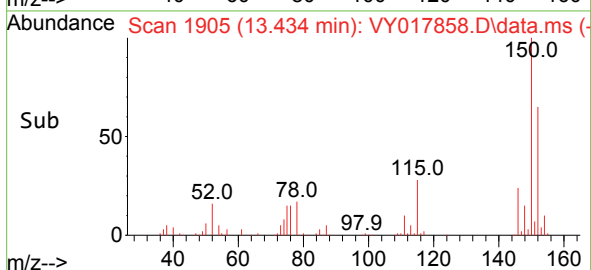
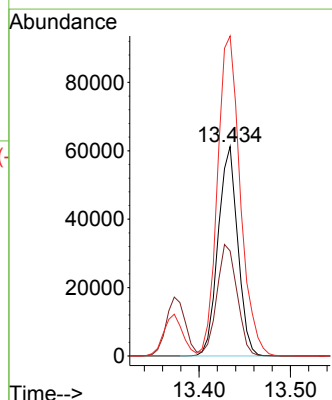
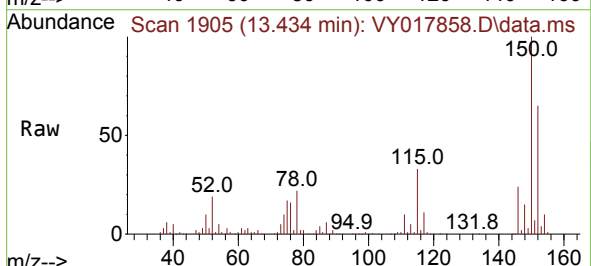
Tgt Ion:152 Resp: 91576

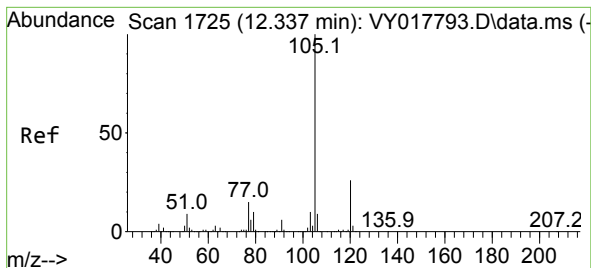
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 176.8 0.0 345.6





#73

Isopropylbenzene

Concen: 57.023 ug/l

RT: 12.336 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

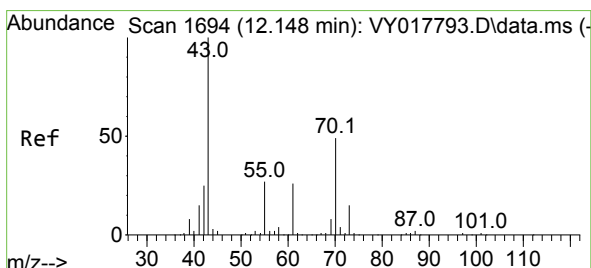
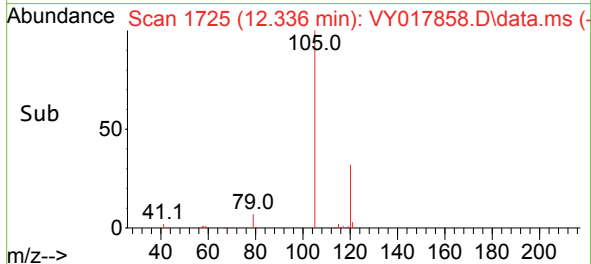
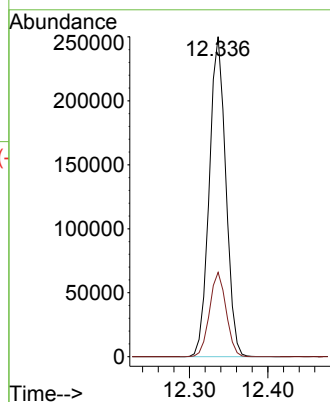
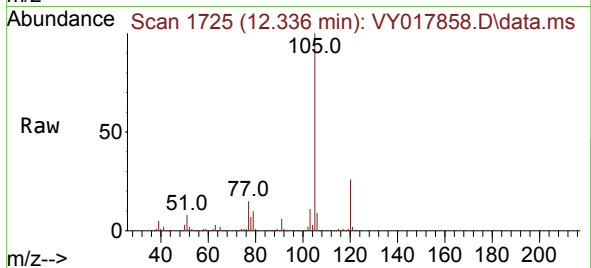
VSTDCCC050EC

Tgt Ion:105 Resp: 365951

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 56.904 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Tgt Ion: 43 Resp: 70693

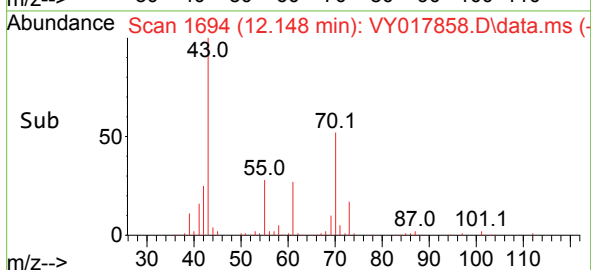
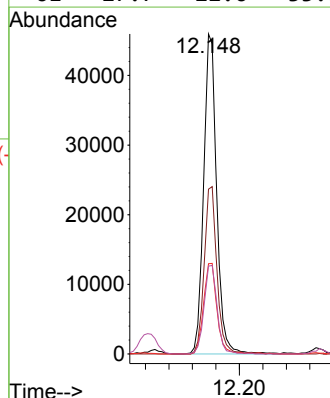
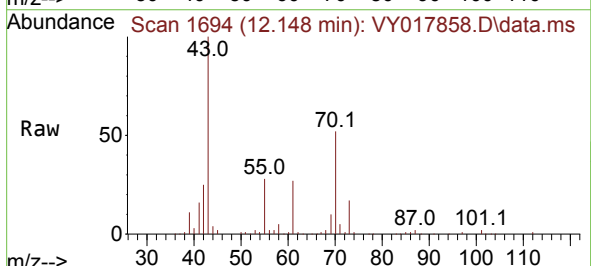
Ion Ratio Lower Upper

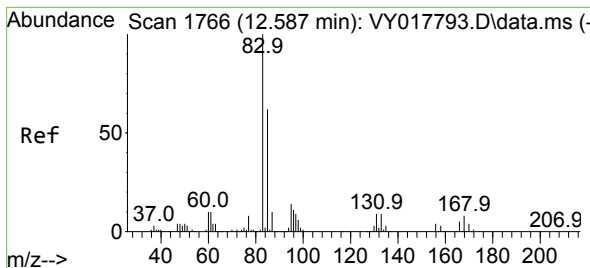
43 100

70 51.6 41.4 62.2

55 29.1 23.3 34.9

61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.265 ug/l

RT: 12.586 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

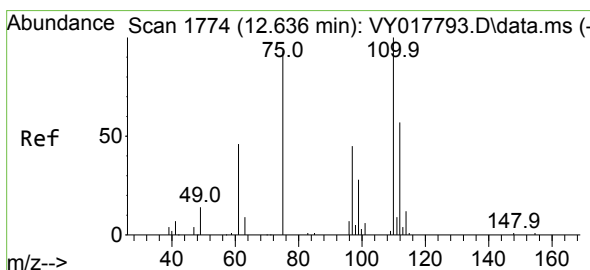
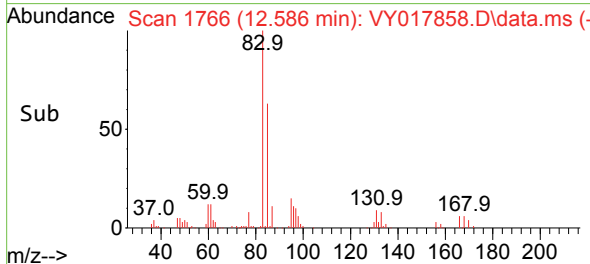
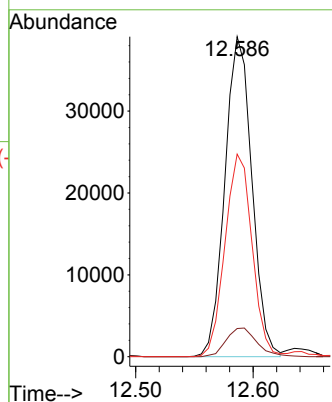
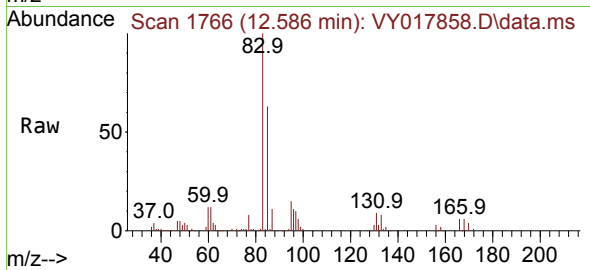
Tgt Ion: 83 Resp: 62462

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 99.901 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY017858.D

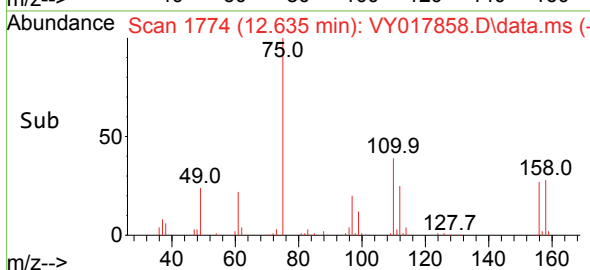
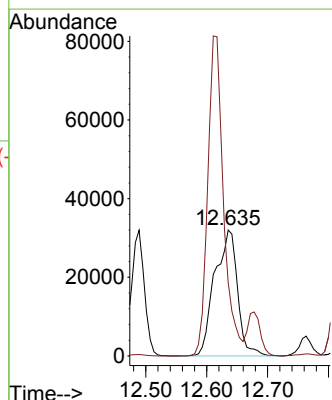
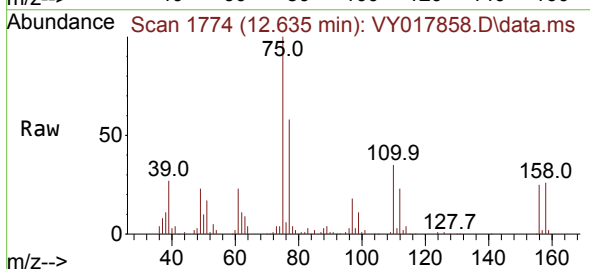
Acq: 04 Apr 2024 17:49

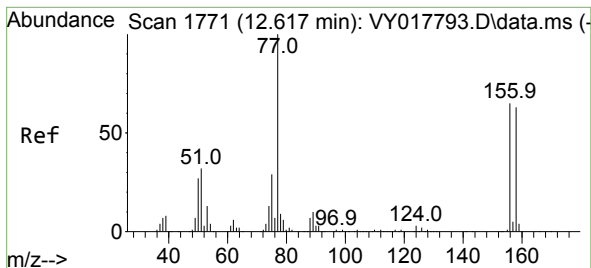
Tgt Ion: 75 Resp: 83367

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.289 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

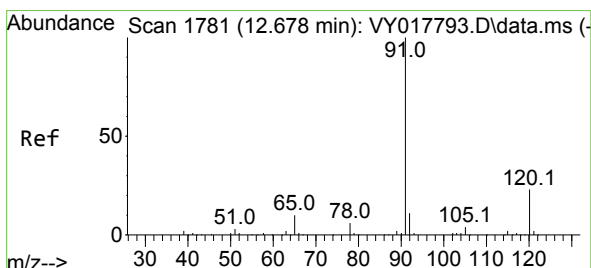
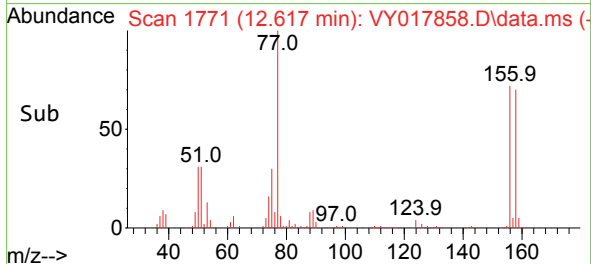
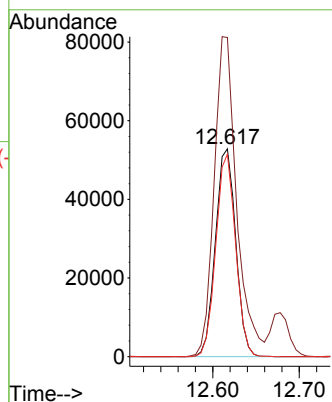
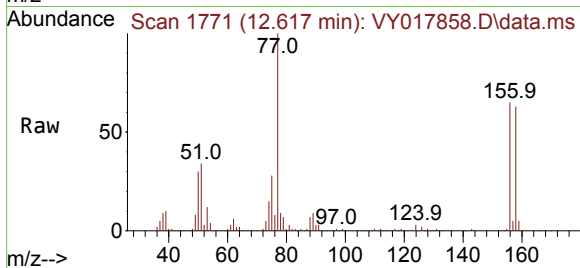
Tgt Ion:156 Resp: 86036

Ion Ratio Lower Upper

156 100

77 170.9 87.1 261.3

158 94.9 48.6 145.9



#78

n-propylbenzene

Concen: 55.963 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017858.D

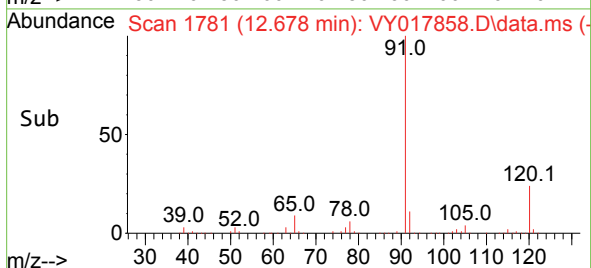
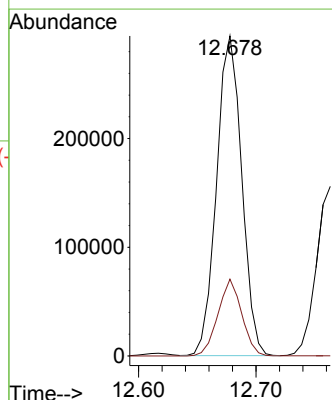
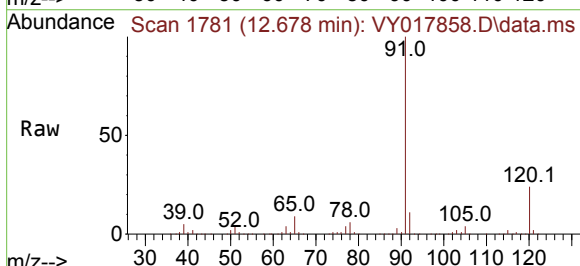
Acq: 04 Apr 2024 17:49

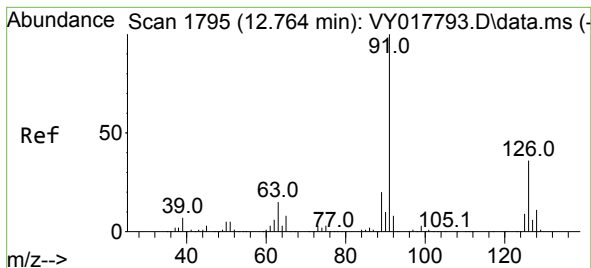
Tgt Ion: 91 Resp: 438237

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

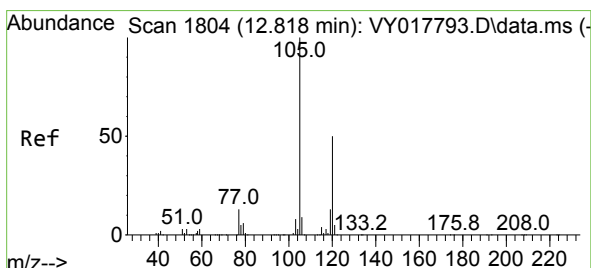
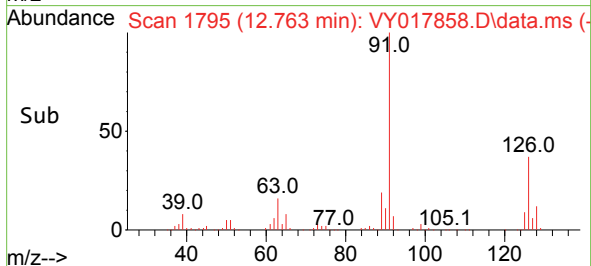
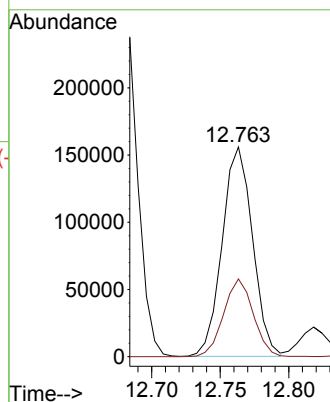
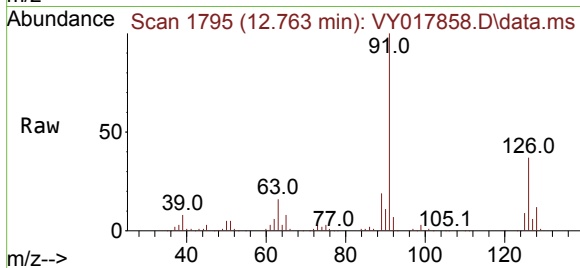




#79
2-Chlorotoluene
Concen: 56.029 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

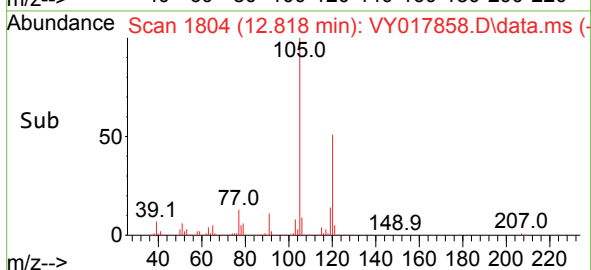
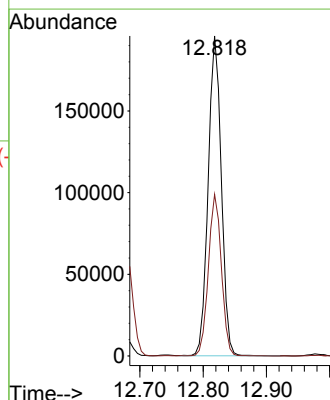
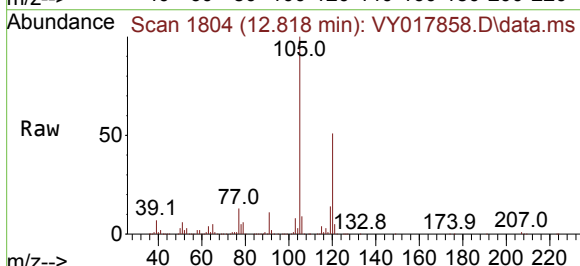
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

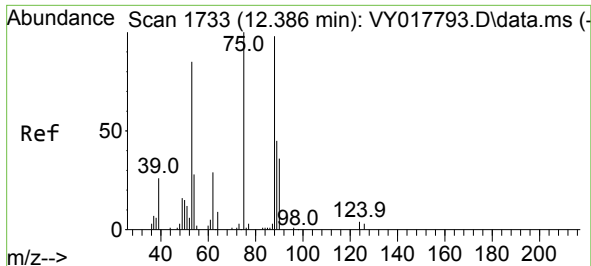
Tgt Ion: 91 Resp: 240329
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 56.607 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 105 Resp: 283516
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

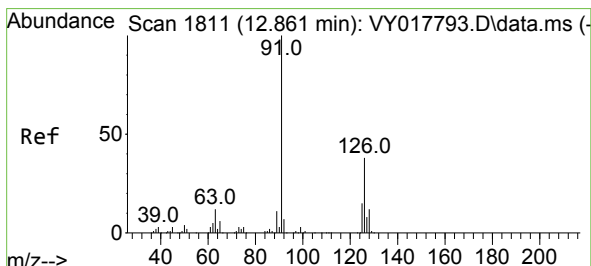
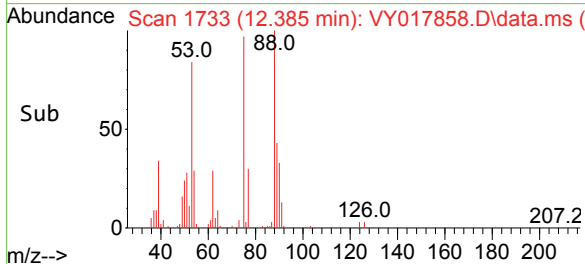
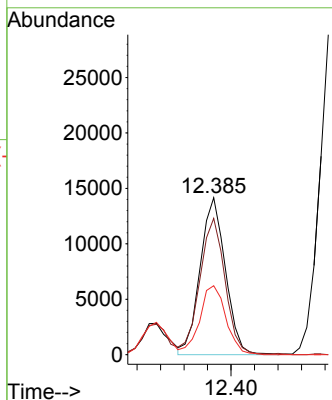
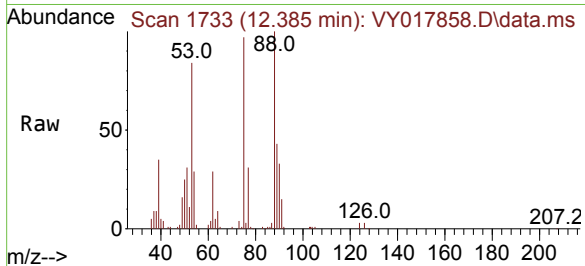




#81
trans-1,4-Dichloro-2-butene
Concen: 57.650 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.001 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

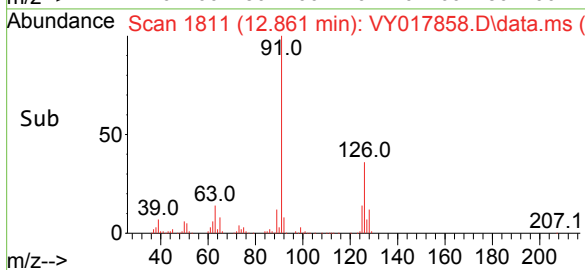
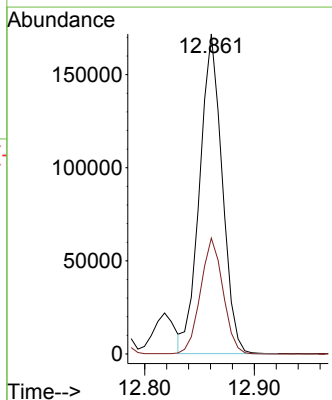
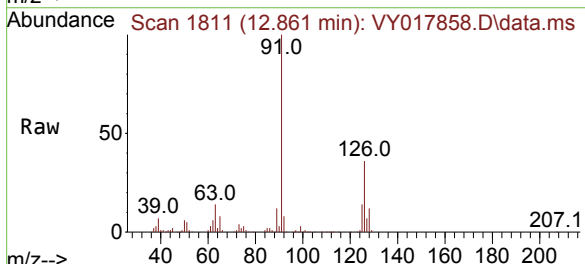
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

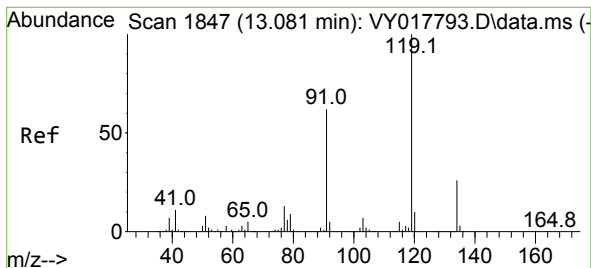
Tgt Ion: 75 Resp: 21164
Ion Ratio Lower Upper
75 100
53 86.0 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.125 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion: 91 Resp: 244837
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 56.629 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

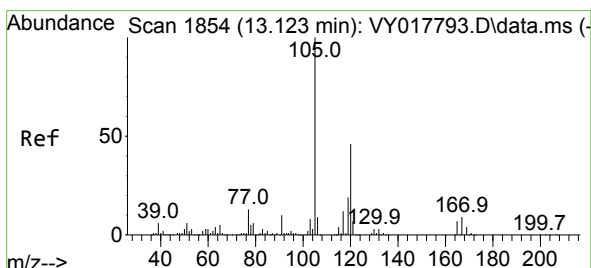
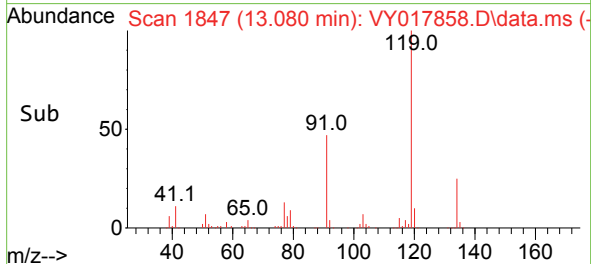
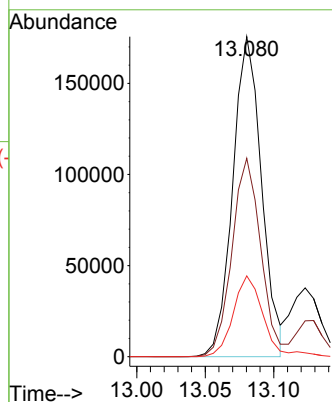
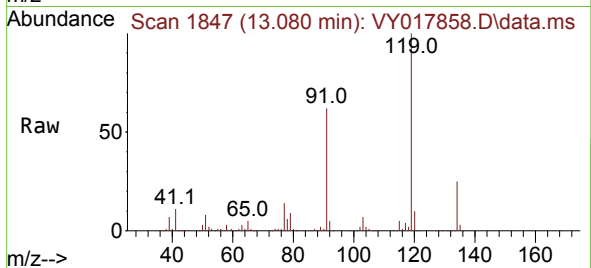
Tgt Ion:119 Resp: 257861

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.107 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017858.D

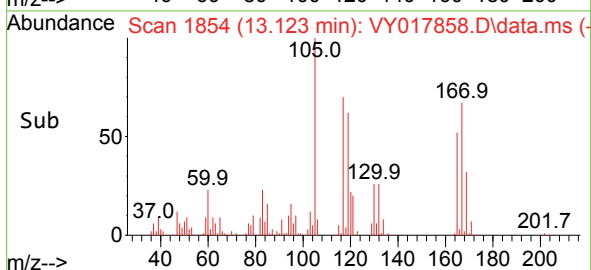
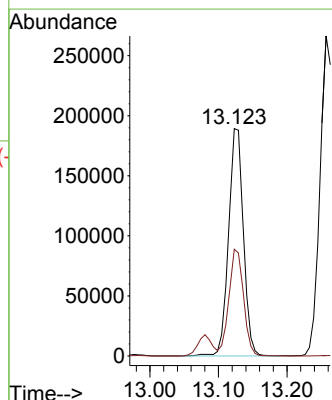
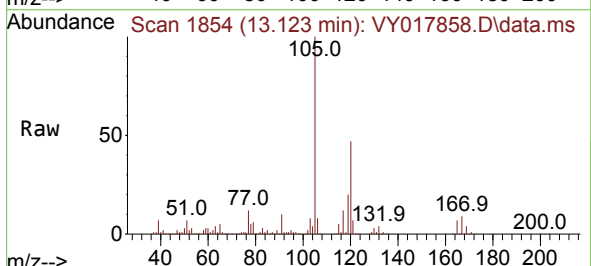
Acq: 04 Apr 2024 17:49

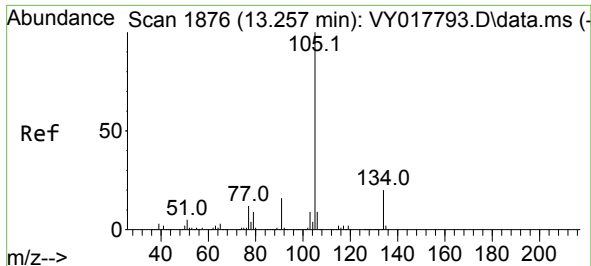
Tgt Ion:105 Resp: 284862

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6

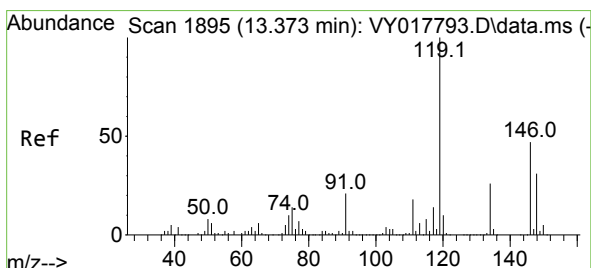
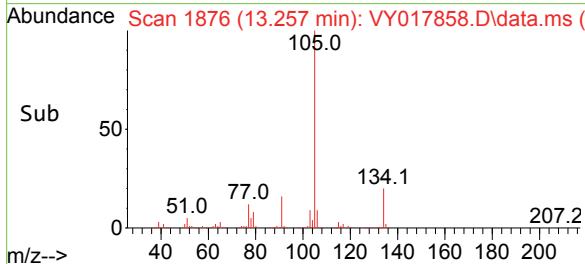
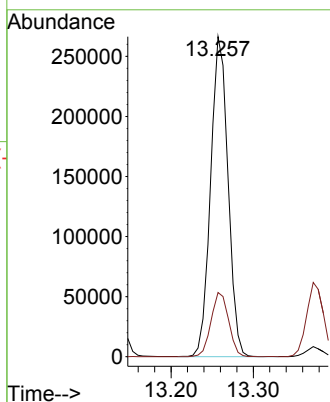
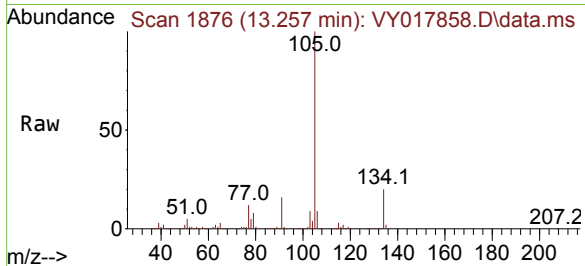




#85
 sec-Butylbenzene
 Concen: 57.184 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

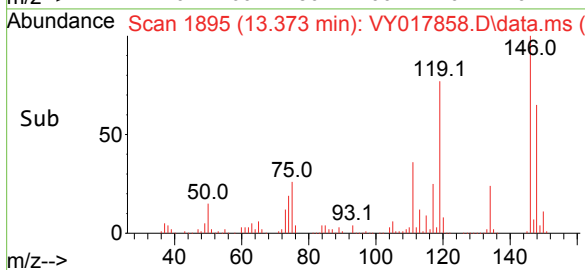
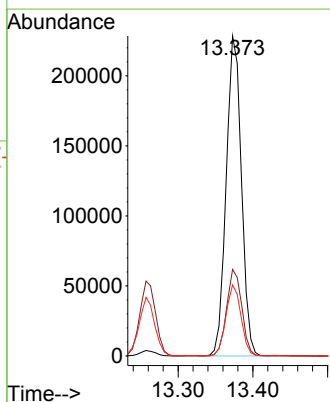
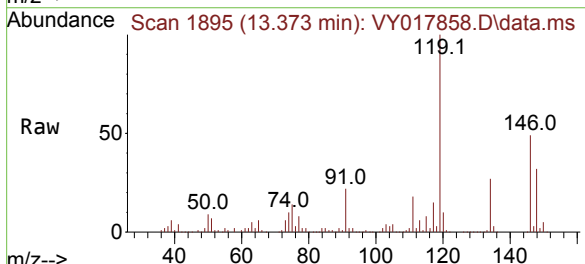
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

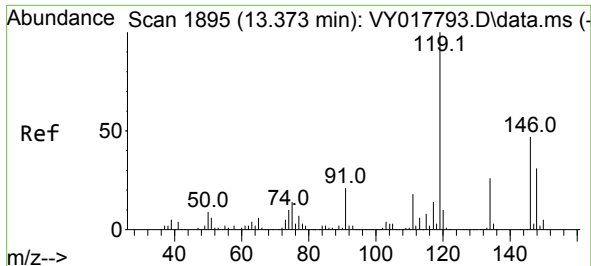
Tgt Ion:105 Resp: 390819
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 56.681 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY017858.D
 Acq: 04 Apr 2024 17:49

Tgt Ion:119 Resp: 323804
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.704 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

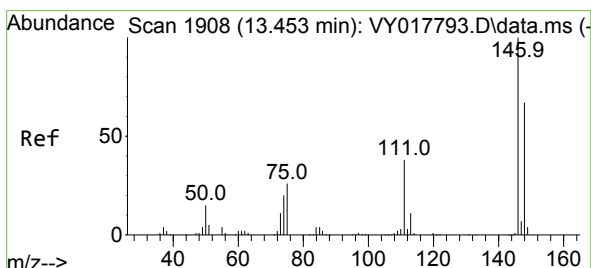
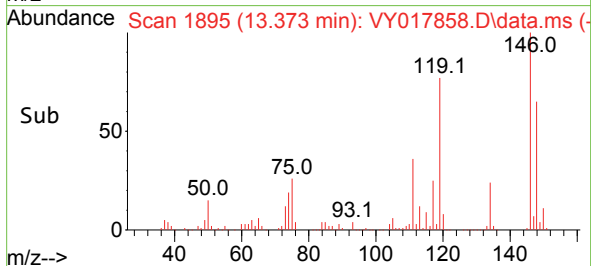
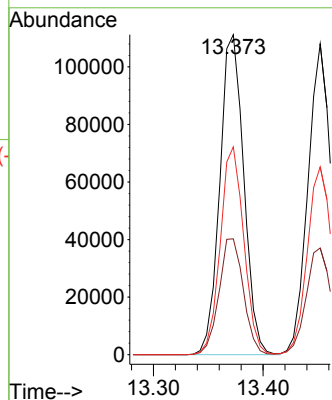
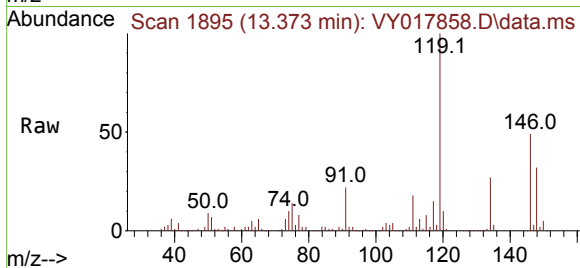
Tgt Ion:146 Resp: 168945

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.359 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

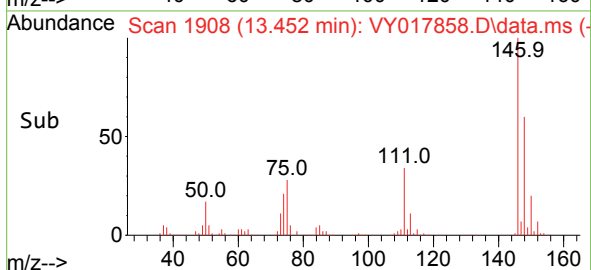
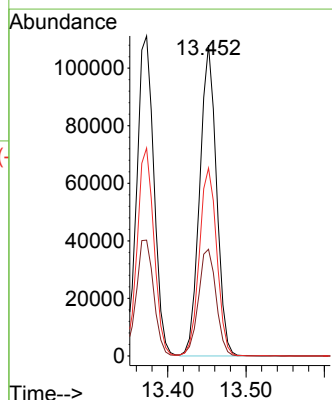
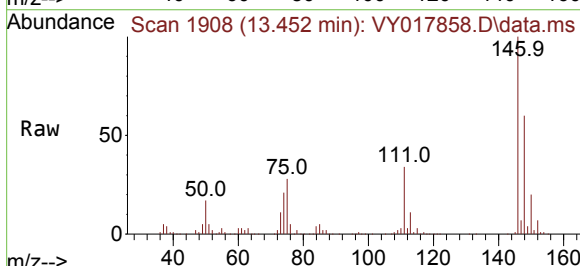
Tgt Ion:146 Resp: 160704

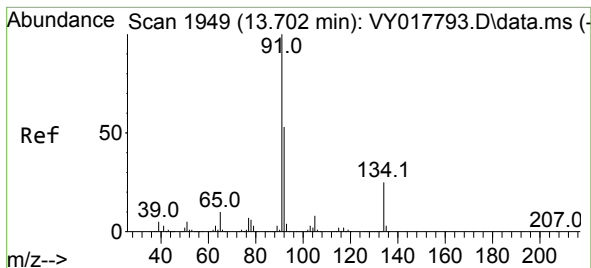
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 63.0 32.4 97.2





#89

n-Butylbenzene

Concen: 56.058 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

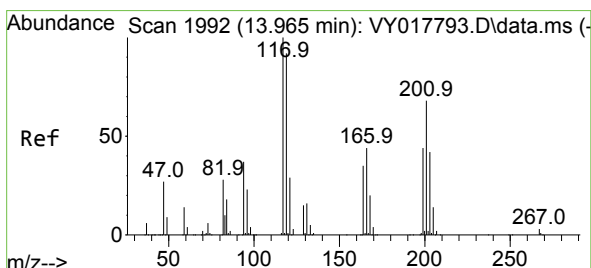
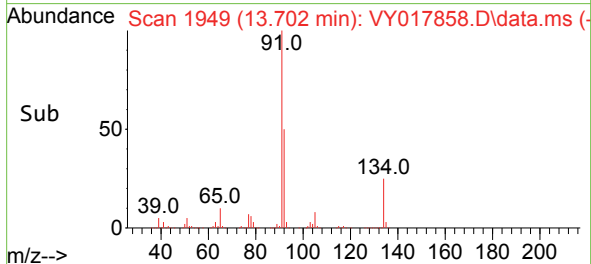
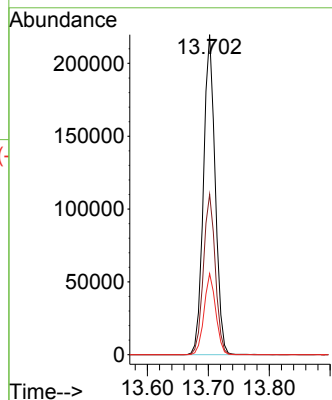
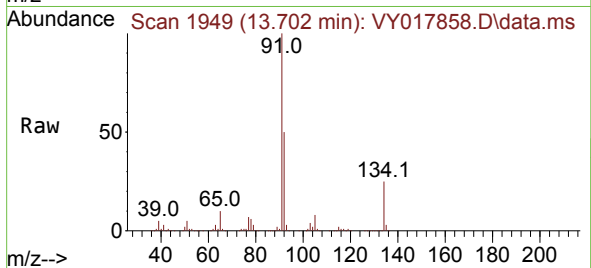
Tgt Ion: 91 Resp: 294637

Ion Ratio Lower Upper

91 100

92 50.9 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 55.946 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY017858.D

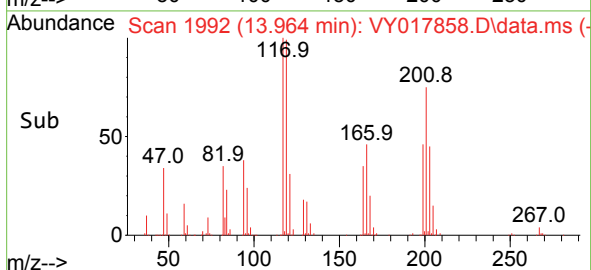
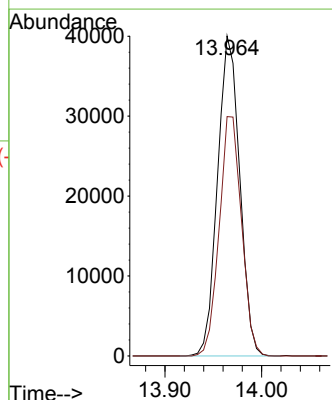
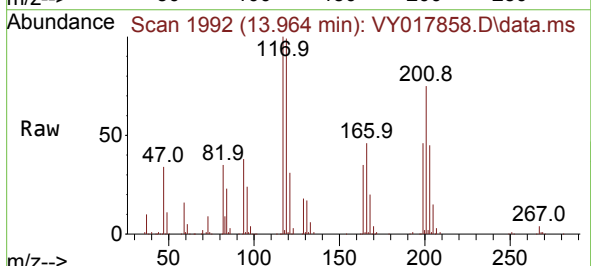
Acq: 04 Apr 2024 17:49

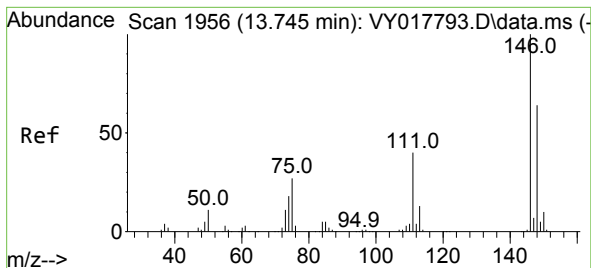
Tgt Ion: 117 Resp: 63552

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 56.536 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017858.D

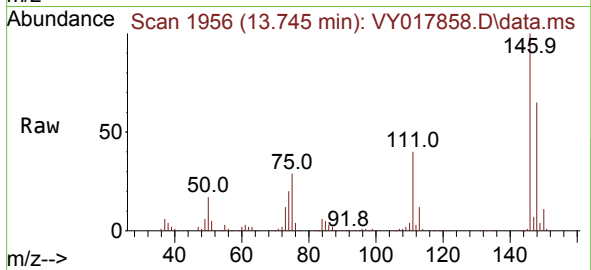
Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



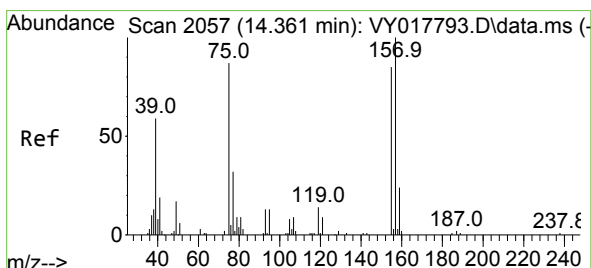
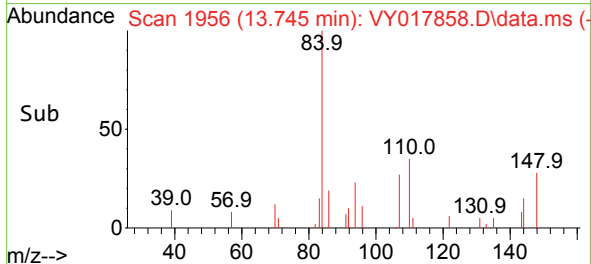
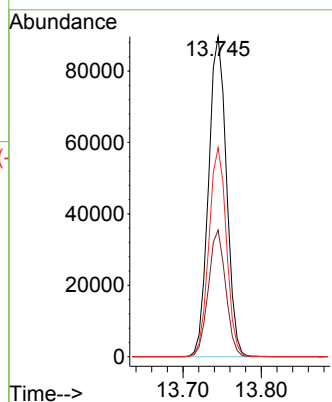
Tgt Ion:146 Resp: 142131

Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.201 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

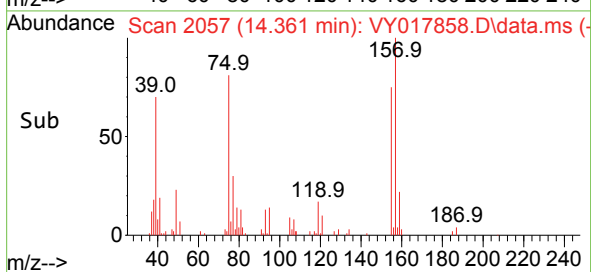
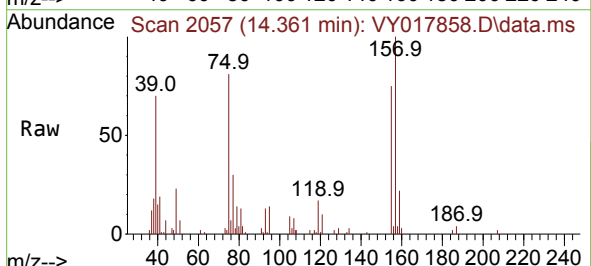
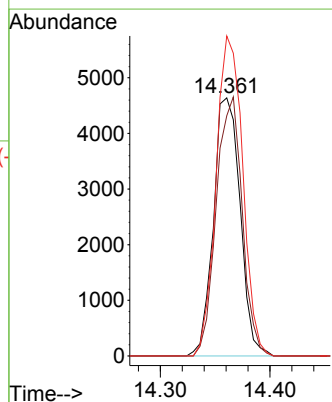
Tgt Ion: 75 Resp: 7831

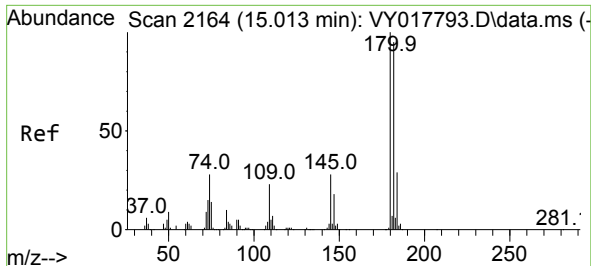
Ion Ratio Lower Upper

75 100

155 97.5 48.6 145.8

157 123.9 62.7 188.2

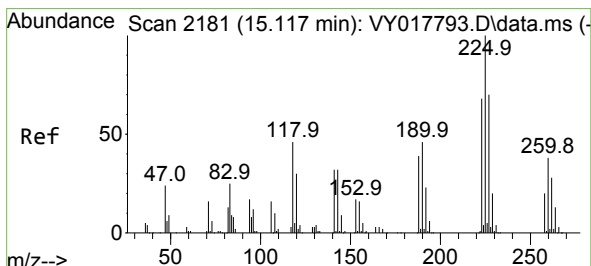
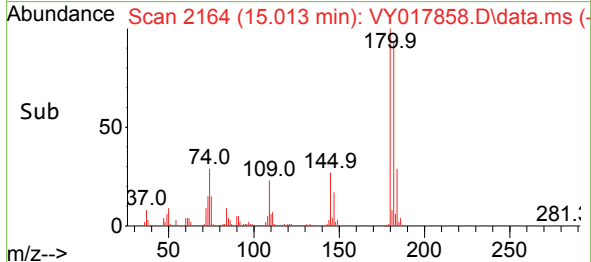
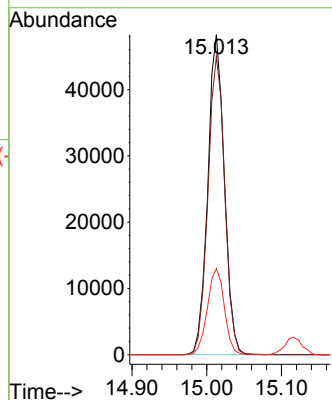
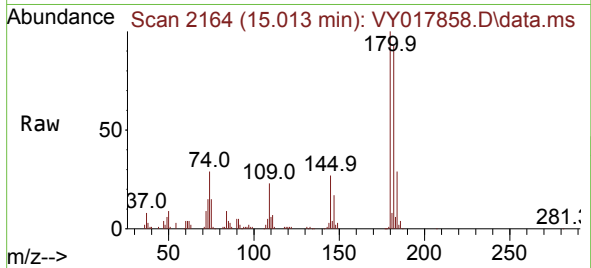




#93
1,2,4-Trichlorobenzene
Concen: 53.945 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

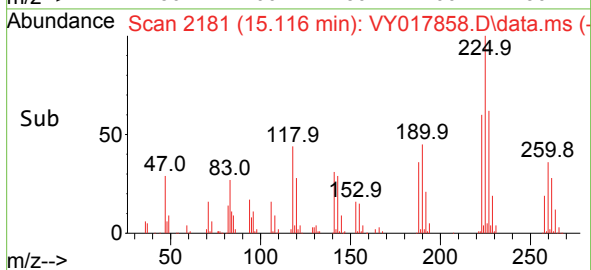
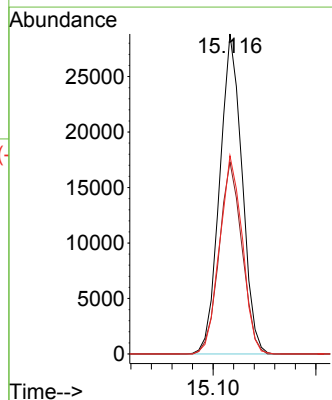
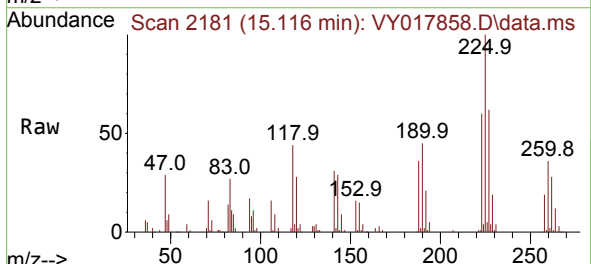
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

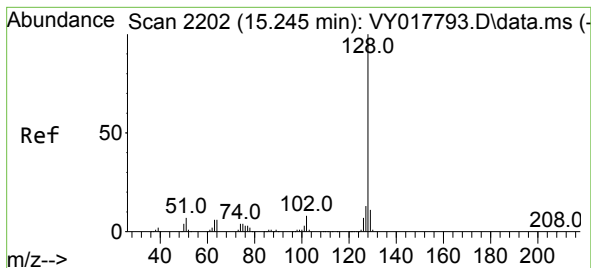
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.8
145	27.5	14.2	42.6



#94
Hexachlorobutadiene
Concen: 52.168 ug/l
RT: 15.116 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY017858.D
Acq: 04 Apr 2024 17:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.4	91.2
227	62.9	31.9	95.9





#95

Naphthalene

Concen: 56.706 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

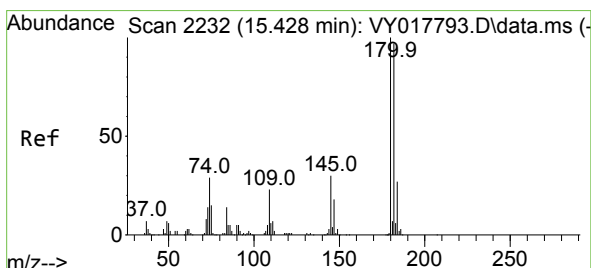
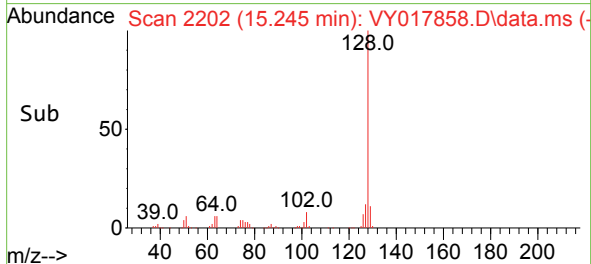
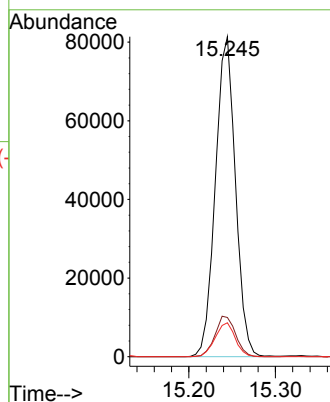
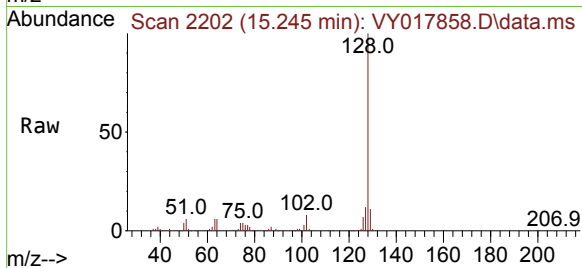
Tgt Ion:128 Resp: 130840

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.755 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017858.D

Acq: 04 Apr 2024 17:49

Tgt Ion:180 Resp: 63688

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 29.6 15.4 46.1

