

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017874.D
 Acq On : 05 Apr 2024 16:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 06 04:49:54 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	150840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	247145	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	216459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68026	52.116	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.728	113	71573	50.117	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.191	98	265380	49.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.489	95	79000	48.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	50316	49.879	ug/l	98
3) Chloromethane	2.119	50	103649	52.644	ug/l	98
4) Vinyl Chloride	2.260	62	158959	61.778	ug/l	98
5) Bromomethane	2.662	94	134858	64.821	ug/l	98
6) Chloroethane	2.802	64	114648	68.292	ug/l	99
7) Trichlorofluoromethane	3.137	101	119285	47.538	ug/l	96
8) Diethyl Ether	3.540	74	35977	48.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	69302	46.054	ug/l	98
10) Methyl Iodide	4.107	142	82207	50.235	ug/l	97
11) Tert butyl alcohol	4.960	59	21605	223.894	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	65393	46.439	ug/l	95
13) Acrolein	3.741	56	15762	172.361	ug/l	98
14) Allyl chloride	4.497	41	78032	45.169	ug/l	90
15) Acrylonitrile	5.180	53	70168	225.526	ug/l	98
16) Acetone	3.954	43	55274	204.863	ug/l	89
17) Carbon Disulfide	4.210	76	179238	44.978	ug/l	98
18) Methyl Acetate	4.491	43	26632	44.563	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	163632	50.751	ug/l	98
20) Methylene Chloride	4.729	84	84430	51.125	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	74017	49.120	ug/l	98
22) Diisopropyl ether	6.131	45	197808	49.540	ug/l	92
23) Vinyl Acetate	6.076	43	587560	241.011	ug/l	99
24) 1,1-Dichloroethane	6.033	63	133431	50.348	ug/l	97
25) 2-Butanone	7.003	43	82631	214.981	ug/l	100
26) 2,2-Dichloropropane	6.996	77	108821	47.541	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	90934	51.062	ug/l	99
28) Bromochloromethane	7.350	49	55143	51.166	ug/l	96
29) Tetrahydrofuran	7.362	42	51017	221.207	ug/l	97
30) Chloroform	7.521	83	144726	52.633	ug/l	100
31) Cyclohexane	7.801	56	97721	42.498	ug/l	100
32) 1,1,1-Trichloroethane	7.716	97	120360	51.428	ug/l	96
36) 1,1-Dichloropropene	7.929	75	98885	47.456	ug/l	97
37) Ethyl Acetate	7.088	43	39499	43.926	ug/l	99
38) Carbon Tetrachloride	7.917	117	104996	48.538	ug/l	99
39) Methylcyclohexane	9.197	83	115925	44.539	ug/l	99
40) Benzene	8.173	78	311068	48.441	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	51870	88.036	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	80129	50.696	ug/l	97
43) Isopropyl Acetate	8.283	43	73086	44.786	ug/l	99
44) Trichloroethene	8.953	130	78605	47.048	ug/l	99
45) 1,2-Dichloropropane	9.228	63	70981	47.568	ug/l	95
46) Dibromomethane	9.319	93	41112	48.495	ug/l	97
47) Bromodichloromethane	9.508	83	108955	50.864	ug/l	98
48) Methyl methacrylate	9.307	41	32050	46.794	ug/l #	91
49) 1,4-Dioxane	9.307	88	8830	927.809	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	194125	241.630	ug/l	99
52) Toluene	10.252	92	192104	49.319	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	91803	48.267	ug/l	94
54) cis-1,3-Dichloropropene	9.941	75	111568	48.062	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	55193	48.860	ug/l	97
56) Ethyl methacrylate	10.520	69	68458	49.503	ug/l #	95
57) 1,3-Dichloropropane	10.801	76	89962	47.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	207827	288.022	ug/l	100
59) 2-Hexanone	10.843	43	131878	232.278	ug/l	97
60) Dibromochloromethane	10.996	129	70743	49.653	ug/l	98
61) 1,2-Dibromoethane	11.099	107	49918	48.462	ug/l	100
64) Tetrachloroethene	10.734	164	91057	48.230	ug/l	98
65) Chlorobenzene	11.526	112	212214	47.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	74860	49.652	ug/l	97
67) Ethyl Benzene	11.605	91	374708	49.089	ug/l	97
68) m/p-Xylenes	11.709	106	284033	98.117	ug/l	97
69) o-Xylene	12.038	106	133687	54.831	ug/l	99
70) Styrene	12.057	104	230334	54.812	ug/l	100
71) Bromoform	12.221	173	37812	45.245	ug/l #	99
73) Isopropylbenzene	12.337	105	353185	50.230	ug/l	99
74) N-amyl acetate	12.154	43	63064	47.921	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	55215	45.396	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	73374	80.252	ug/l #	100
77) Bromobenzene	12.617	156	80483	48.061	ug/l	98
78) n-propylbenzene	12.678	91	422496	49.244	ug/l	99
79) 2-Chlorotoluene	12.764	91	228735	48.672	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	276704	50.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17993	46.432	ug/l	93
82) 4-Chlorotoluene	12.861	91	228281	46.912	ug/l	97
83) tert-Butylbenzene	13.087	119	251821	50.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	275222	50.359	ug/l	98
85) sec-Butylbenzene	13.264	105	373883	49.931	ug/l	99
86) p-Isopropyltoluene	13.379	119	305951	48.882	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	159068	47.870	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	152122	47.829	ug/l	98
89) n-Butylbenzene	13.703	91	285295	49.543	ug/l	98
90) Hexachloroethane	13.971	117	60621	48.708	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	131318	47.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6891	41.926	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	69376	45.985	ug/l	98
94) Hexachlorobutadiene	15.117	225	40103	43.849	ug/l	97
95) Naphthalene	15.245	128	117305	48.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	58065	45.564	ug/l	98

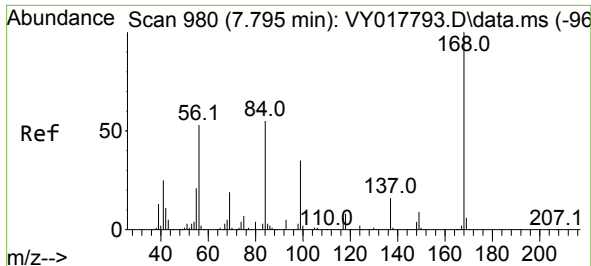
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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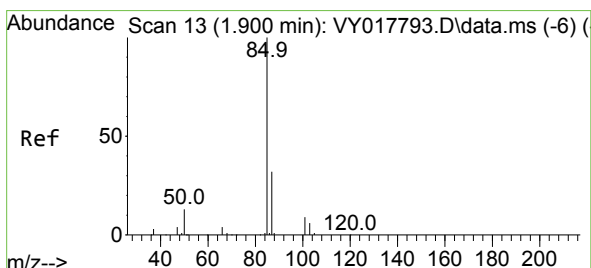
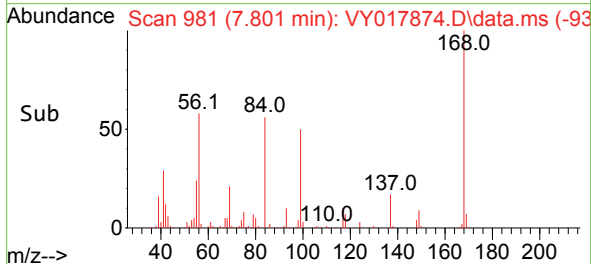
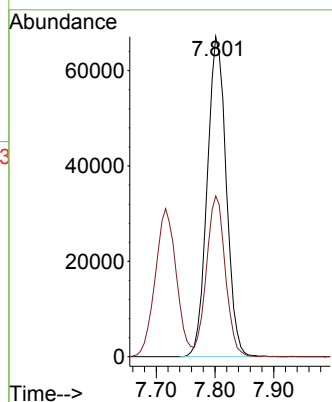
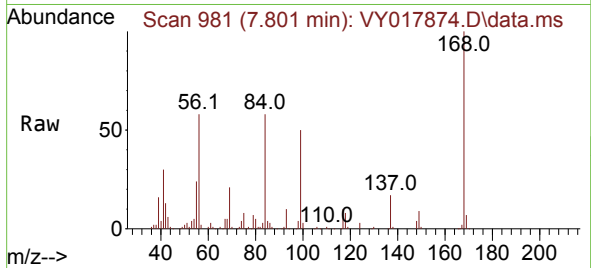
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017874.D
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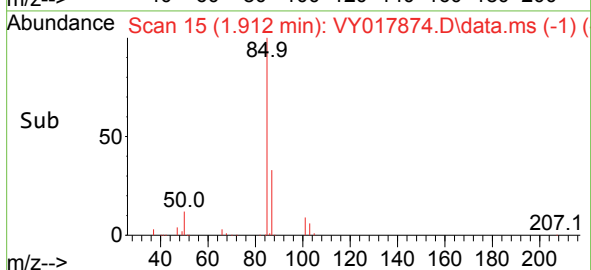
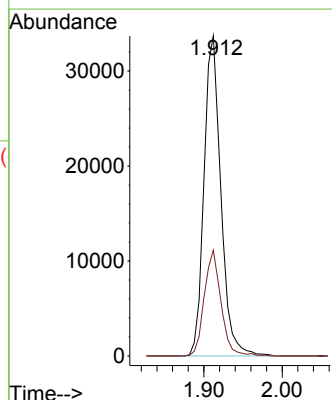
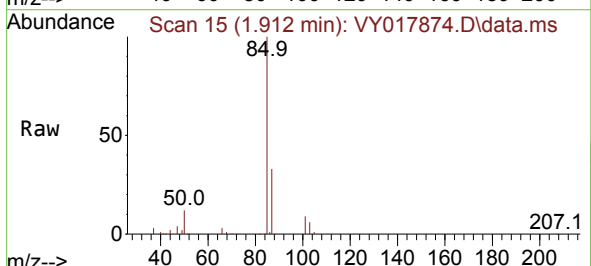
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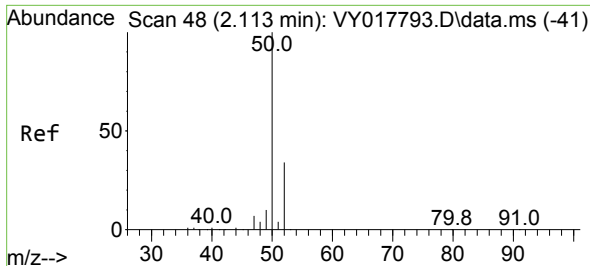
Tgt Ion:168 Resp: 150840
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.879 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 85 Resp: 50316
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

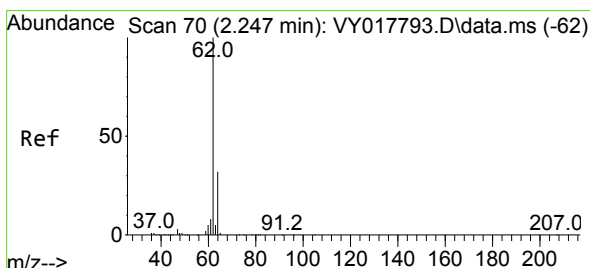
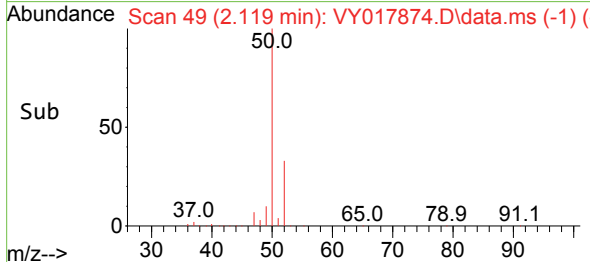
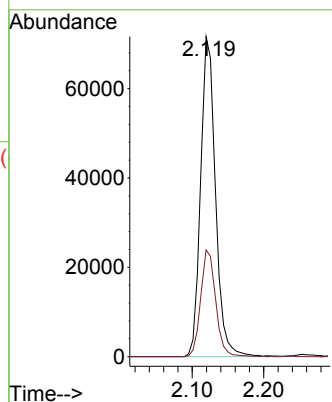
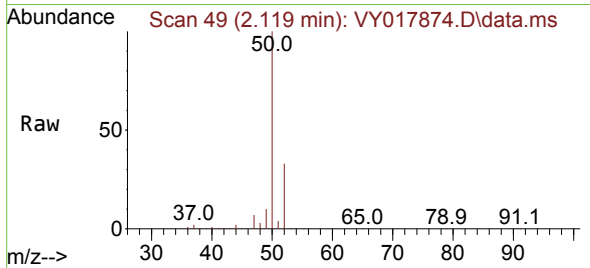




#3
Chloromethane
Concen: 52.644 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

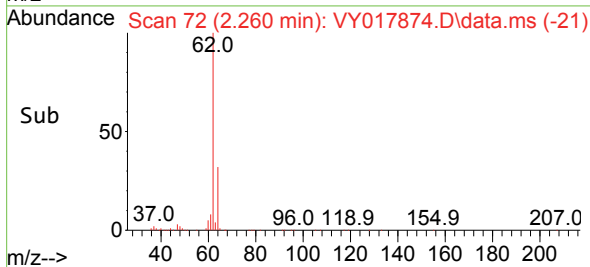
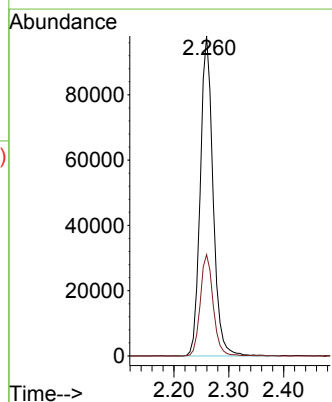
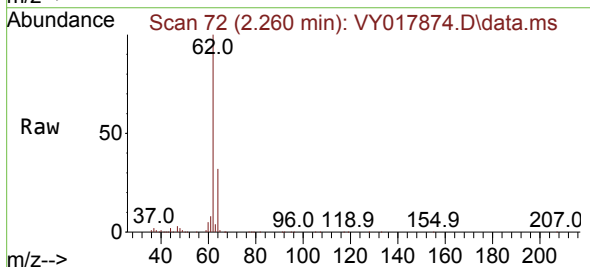
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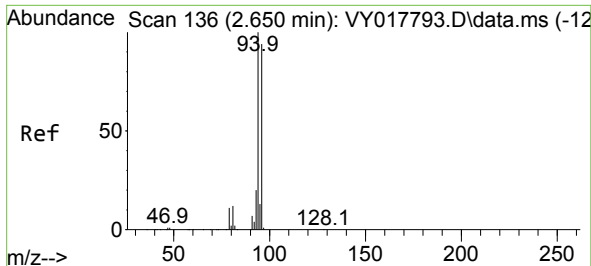
Tgt Ion: 50 Resp: 103649
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 61.778 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 62 Resp: 158959
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

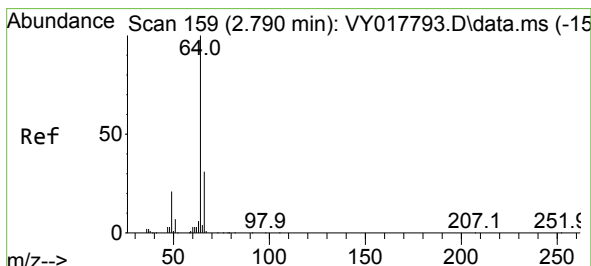
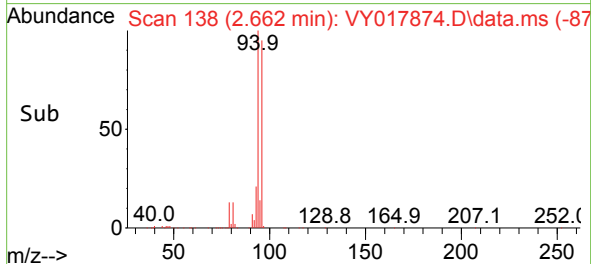
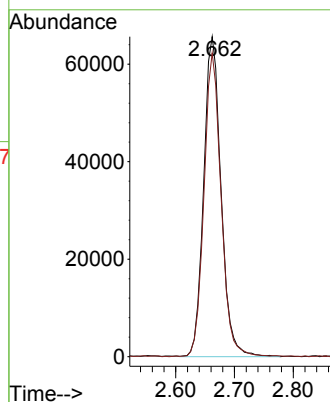
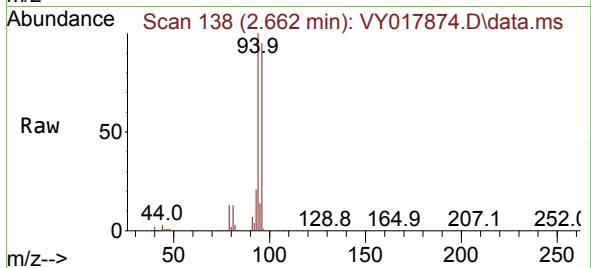




#5
Bromomethane
Concen: 64.821 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

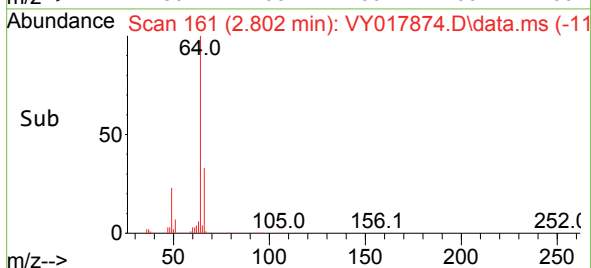
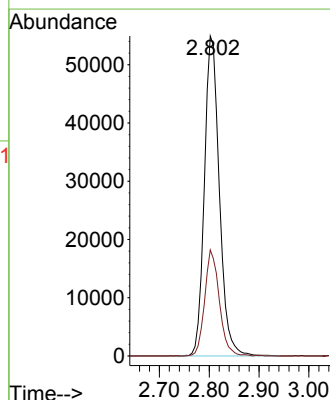
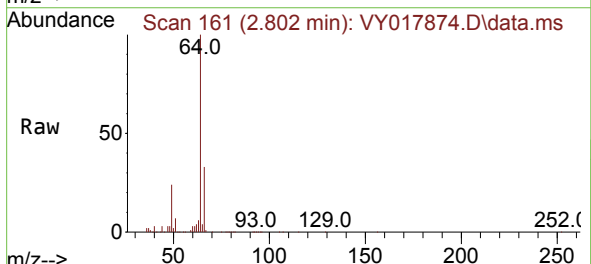
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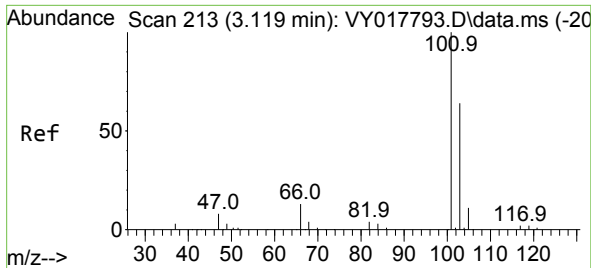
Tgt Ion: 94 Resp: 134858
Ion Ratio Lower Upper
94 100
96 94.9 74.1 111.1



#6
Chloroethane
Concen: 68.292 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 64 Resp: 114648
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1

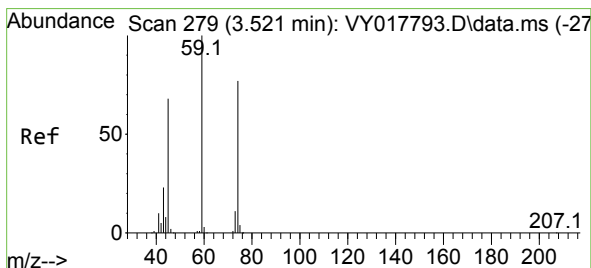
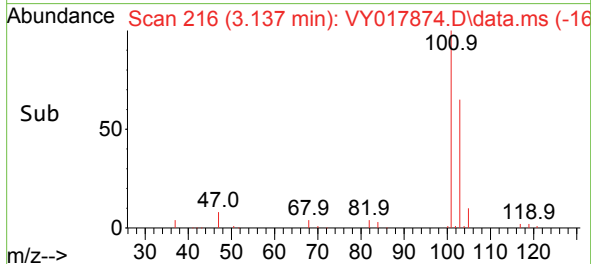
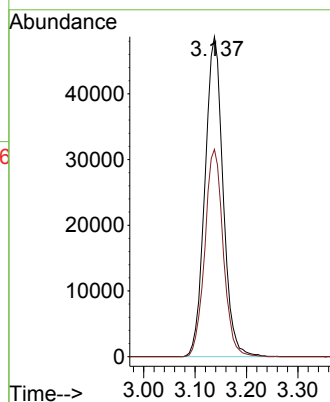
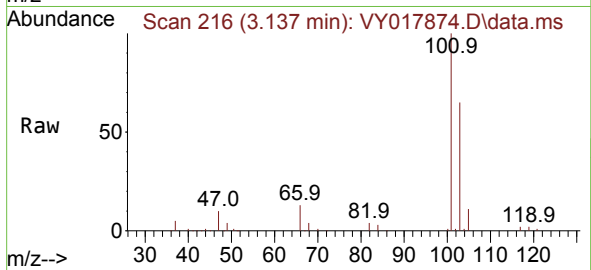




#7
Trichlorofluoromethane
Concen: 47.538 ug/l
RT: 3.137 min Scan# 213
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

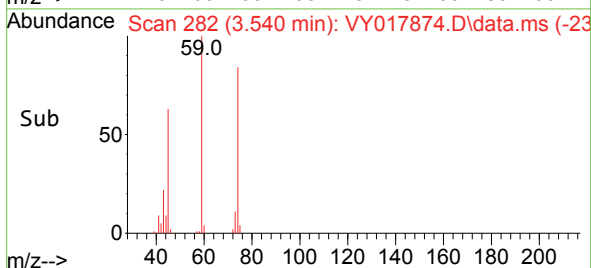
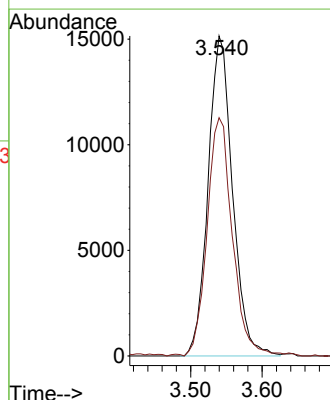
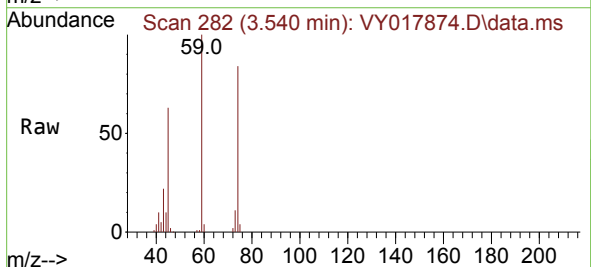
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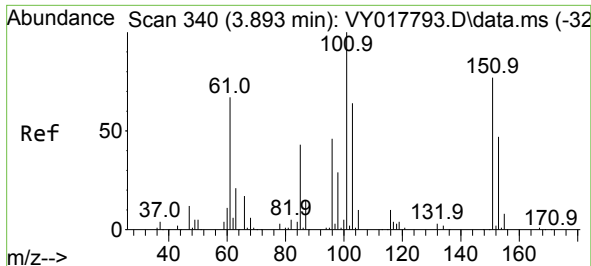
Tgt Ion:101 Resp: 119285
Ion Ratio Lower Upper
101 100
103 64.8 49.3 73.9



#8
Diethyl Ether
Concen: 48.810 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 74 Resp: 35977
Ion Ratio Lower Upper
74 100
45 77.3 41.3 124.1

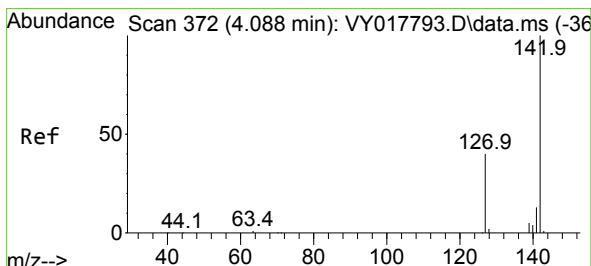
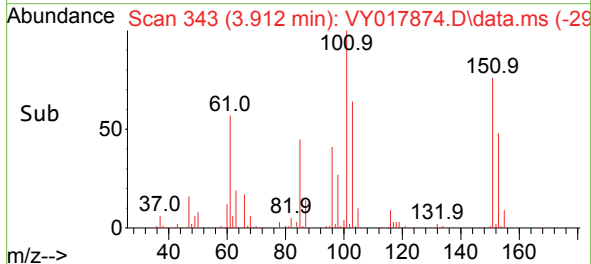
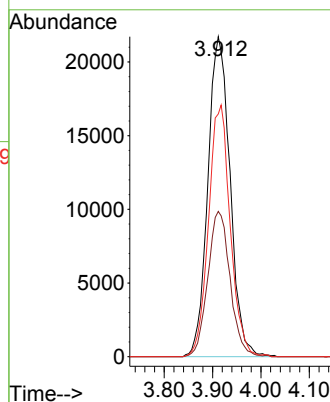
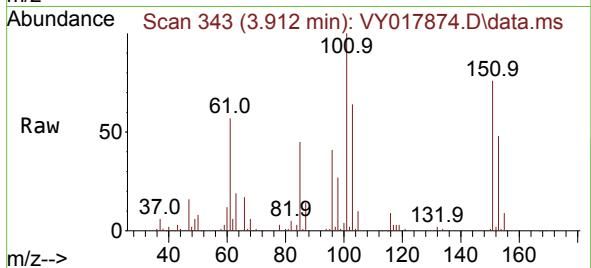




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.054 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

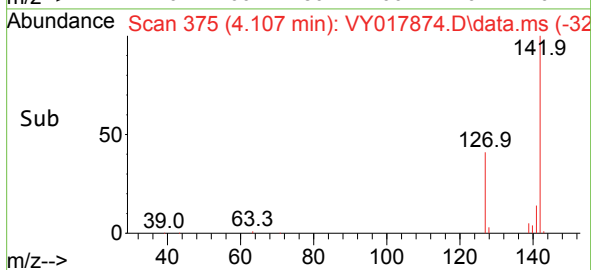
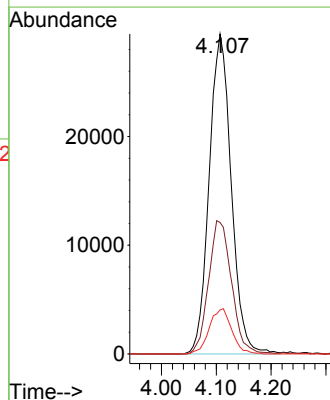
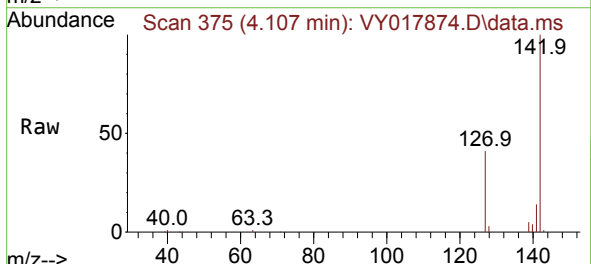
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

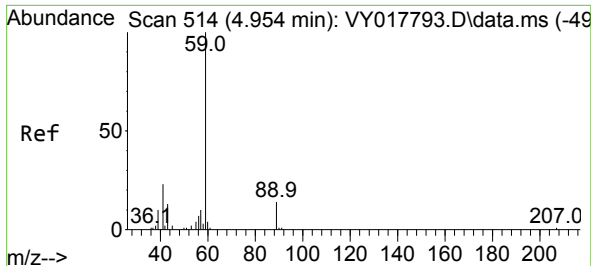
Tgt Ion:101 Resp: 69302
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 76.9 61.7 92.5



#10
Methyl Iodide
Concen: 50.235 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion:142 Resp: 82207
Ion Ratio Lower Upper
142 100
127 43.3 32.8 49.2
141 14.4 11.4 17.2

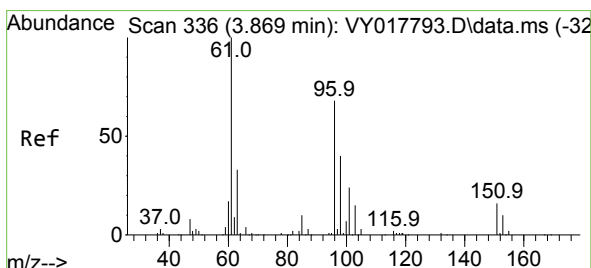
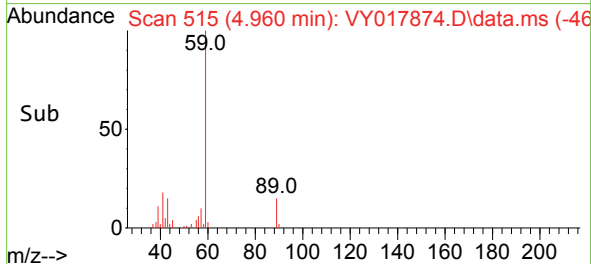
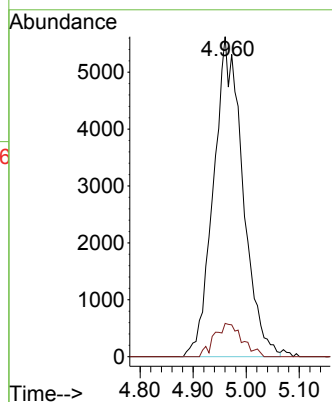
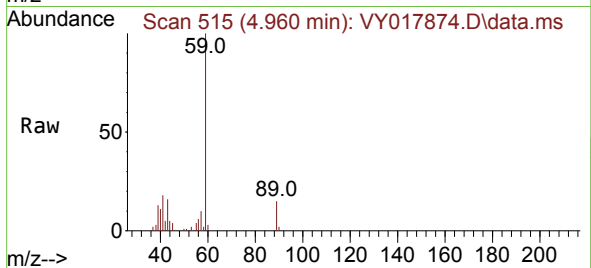




#11
Tert butyl alcohol
Concen: 223.894 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

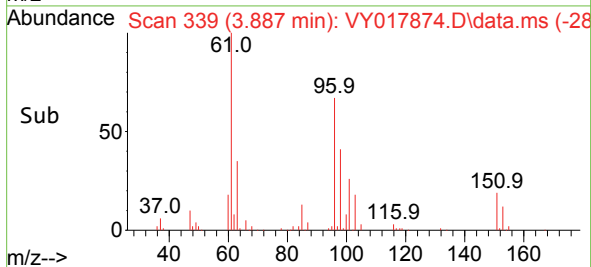
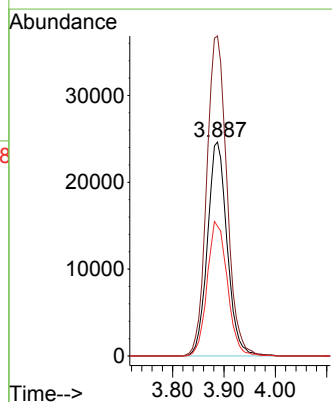
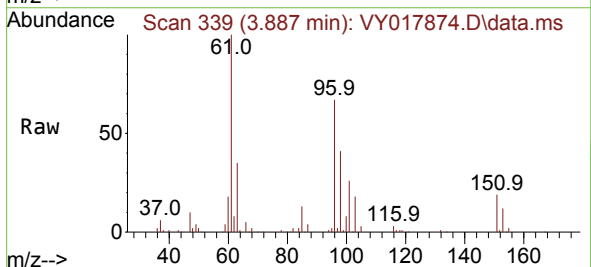
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

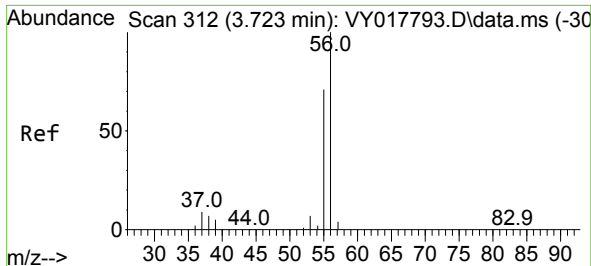
Tgt Ion: 59 Resp: 21605
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.439 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 96 Resp: 65393
Ion Ratio Lower Upper
96 100
61 149.6 114.6 171.8
98 60.7 50.8 76.2





#13

Acrolein

Concen: 172.361 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

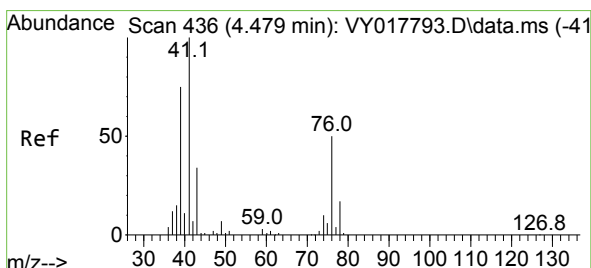
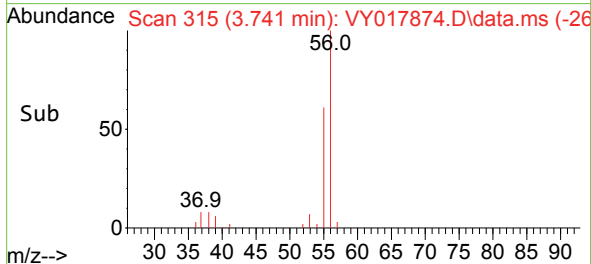
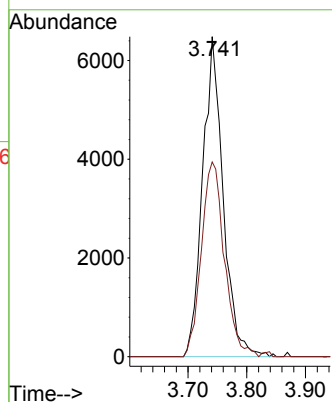
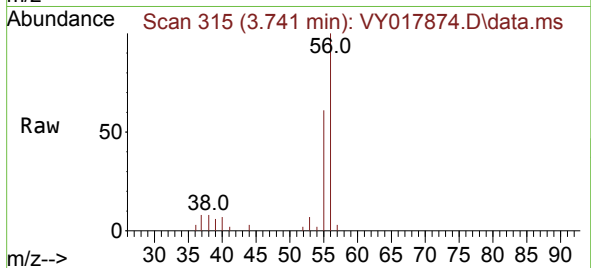
VSTDCCC050EC

Tgt Ion: 56 Resp: 15762

Ion Ratio Lower Upper

56 100

55 68.1 55.7 83.5



#14

Allyl chloride

Concen: 45.169 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

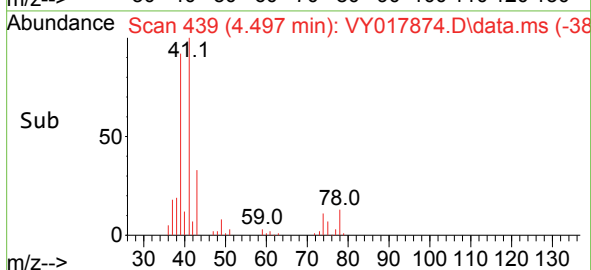
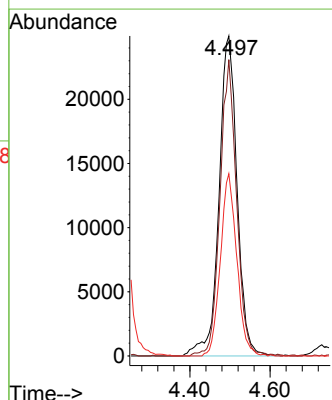
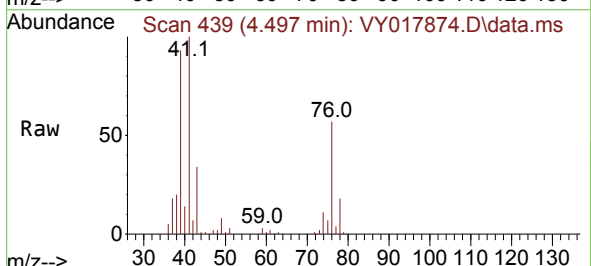
Tgt Ion: 41 Resp: 78032

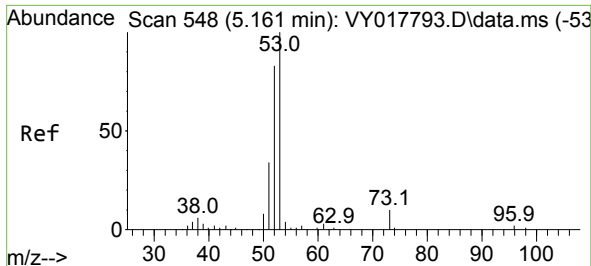
Ion Ratio Lower Upper

41 100

39 85.1 58.3 87.5

76 51.7 39.0 58.6

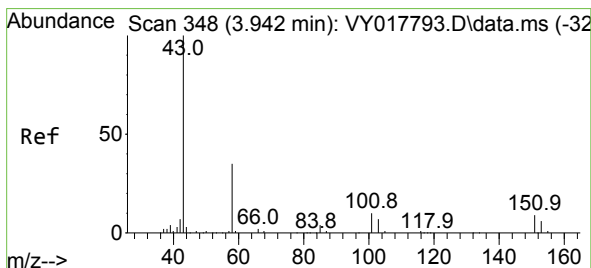
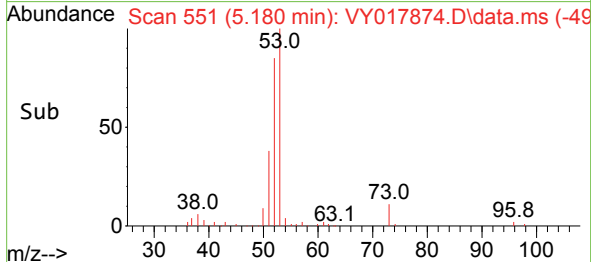
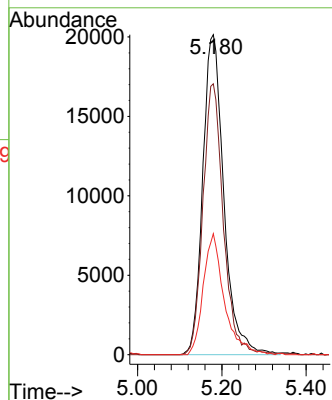
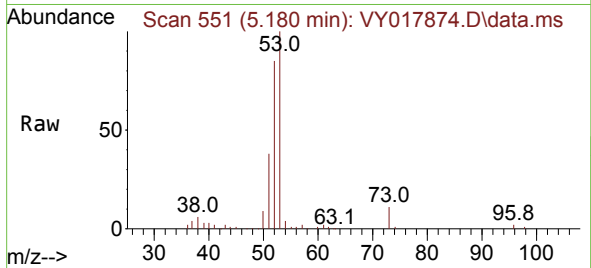




#15
Acrylonitrile
Concen: 225.526 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

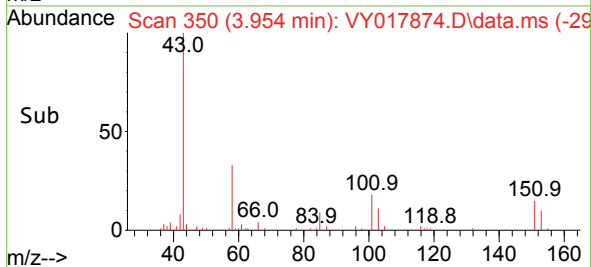
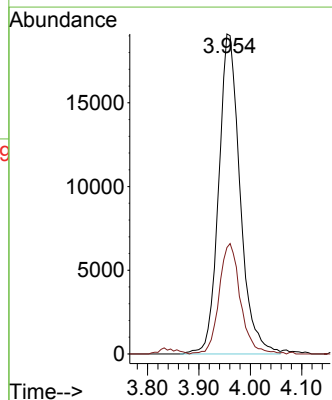
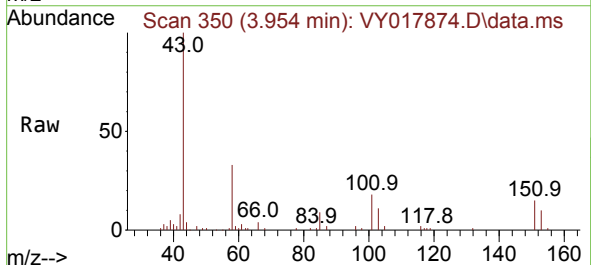
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

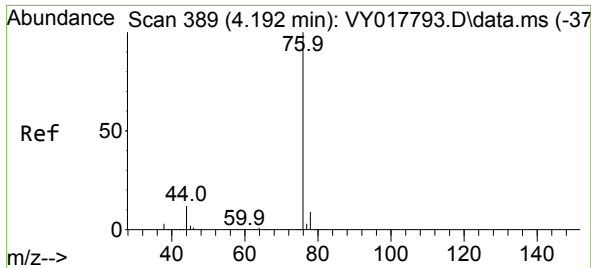
Tgt Ion: 53 Resp: 70168
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 204.863 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 43 Resp: 55274
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

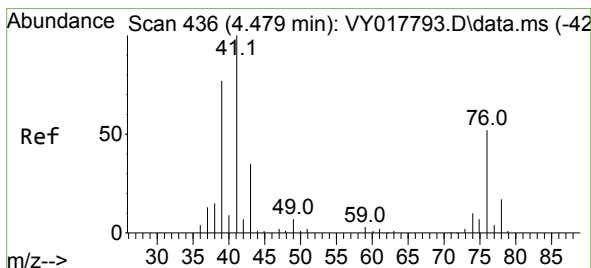
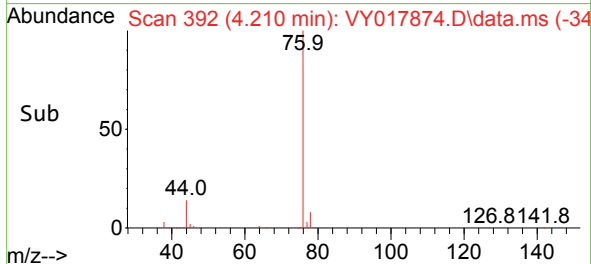
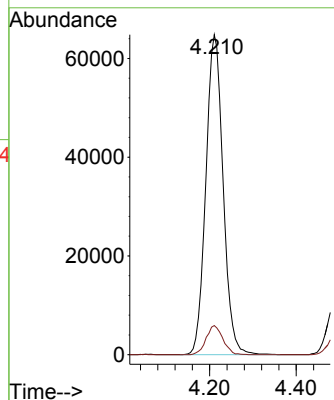
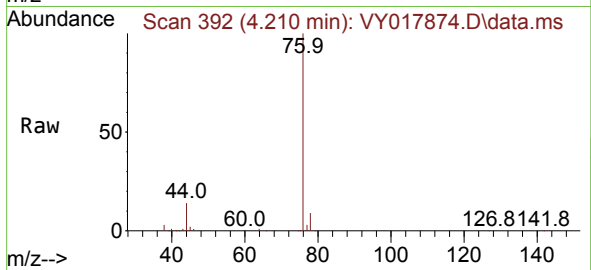




#17
Carbon Disulfide
Concen: 44.978 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

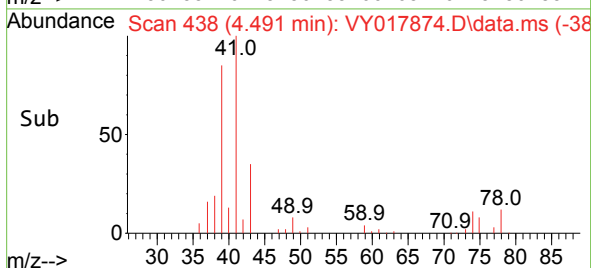
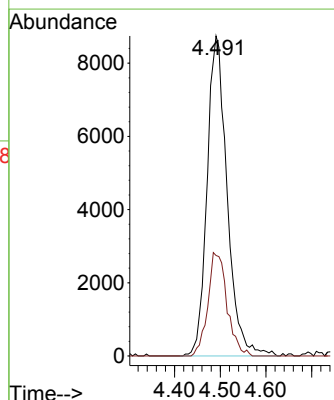
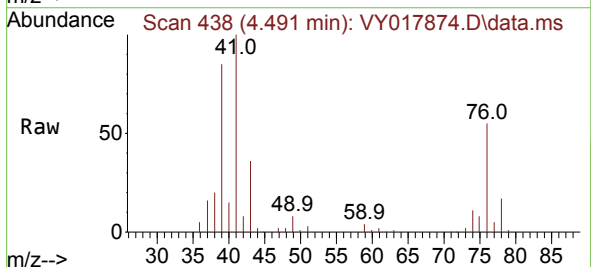
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

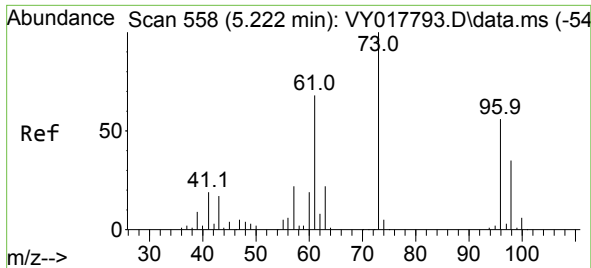
Tgt Ion: 76 Resp: 179238
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 44.563 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 43 Resp: 26632
Ion Ratio Lower Upper
43 100
74 31.0 23.3 34.9

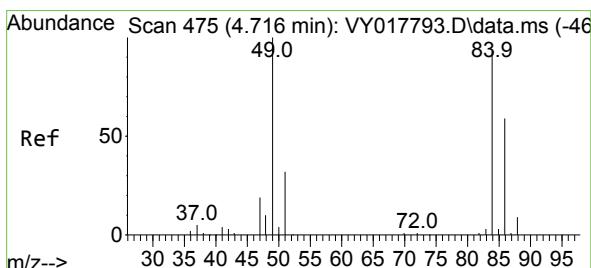
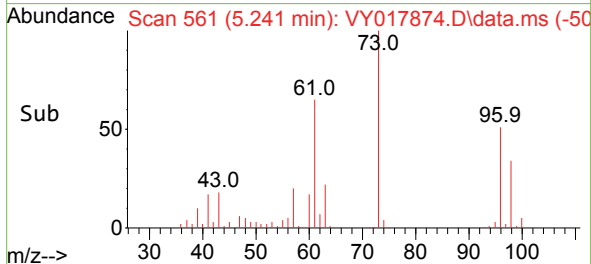
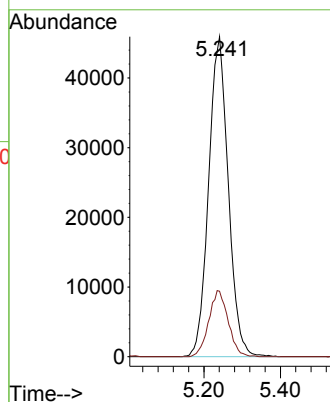
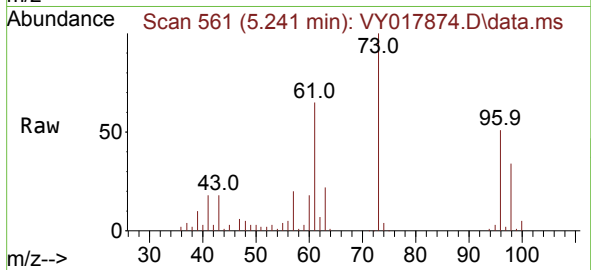




#19
Methyl tert-butyl Ether
Concen: 50.751 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

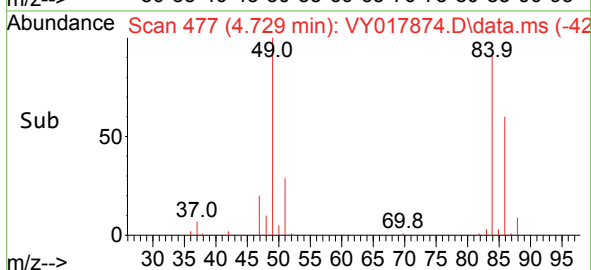
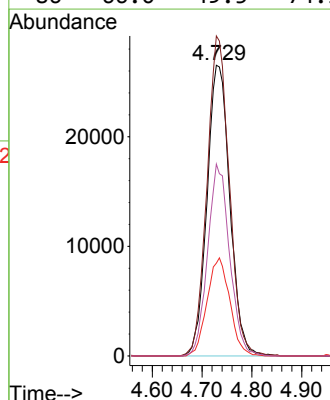
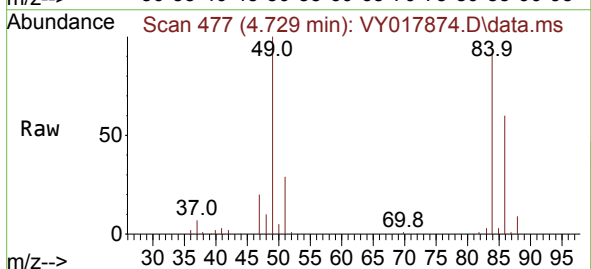
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

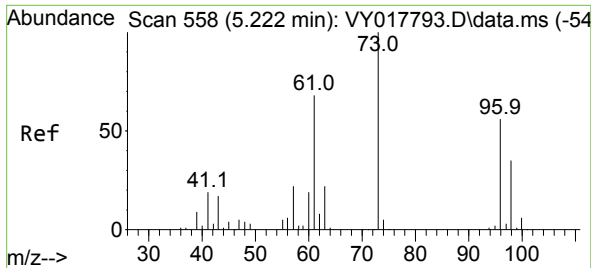
Tgt Ion: 73 Resp: 163632
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 51.125 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 84 Resp: 84430
Ion Ratio Lower Upper
84 100
49 110.1 84.4 126.6
51 31.9 26.0 39.0
86 66.0 49.5 74.3

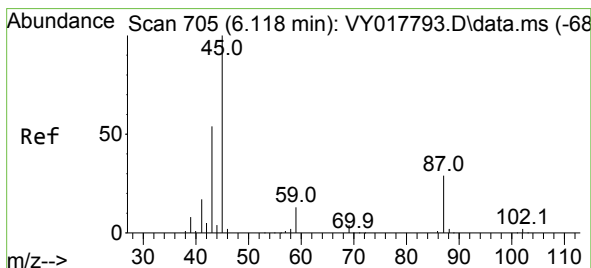
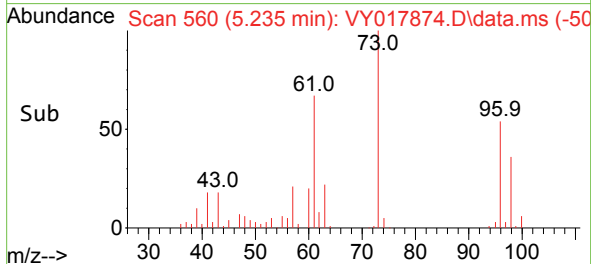
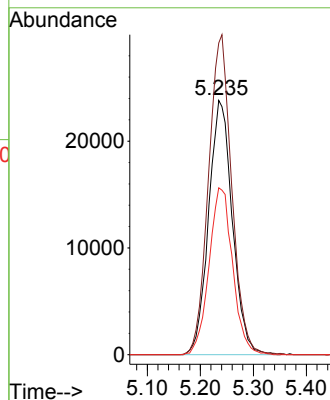
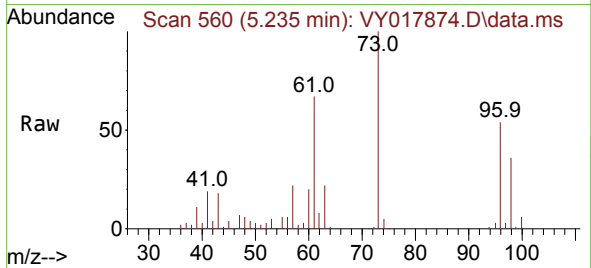




#21
trans-1,2-Dichloroethene
Concen: 49.120 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

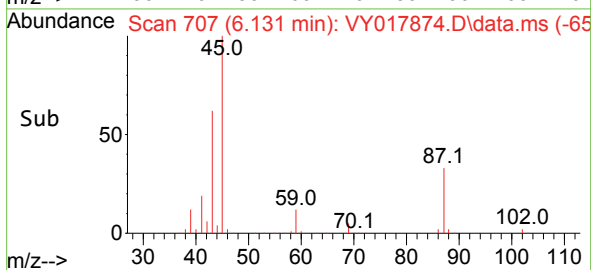
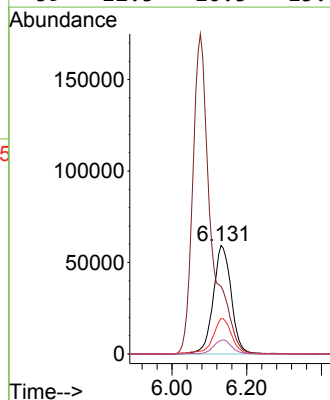
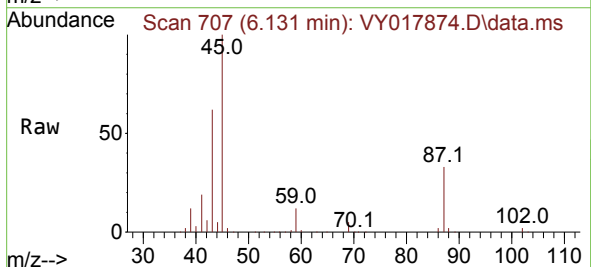
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

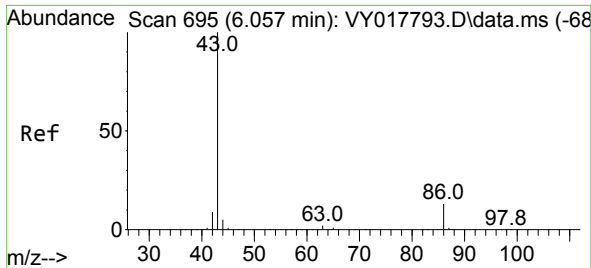
Tgt Ion: 96 Resp: 74017
Ion Ratio Lower Upper
96 100
61 122.6 97.5 146.3
98 65.6 50.5 75.7



#22
Diisopropyl ether
Concen: 49.540 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 45 Resp: 197808
Ion Ratio Lower Upper
45 100
43 61.8 42.2 63.2
87 32.6 25.0 37.6
59 12.5 10.5 15.7

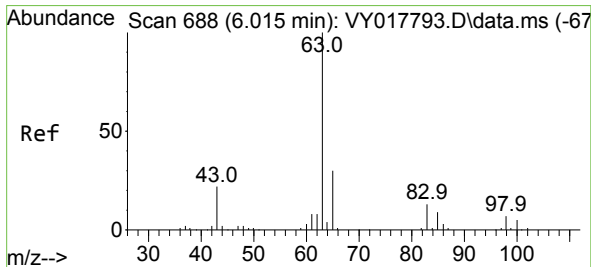
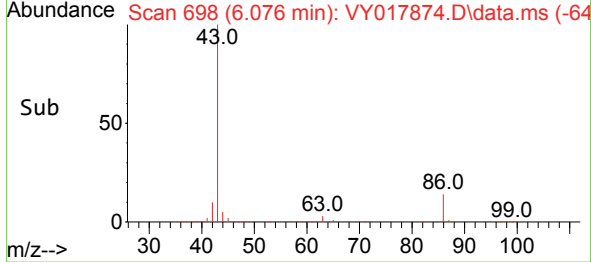
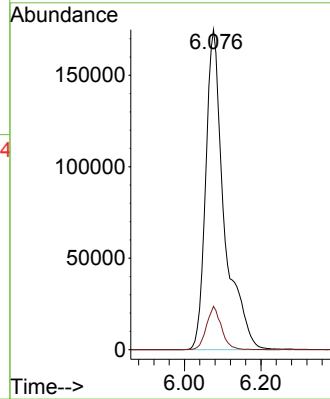
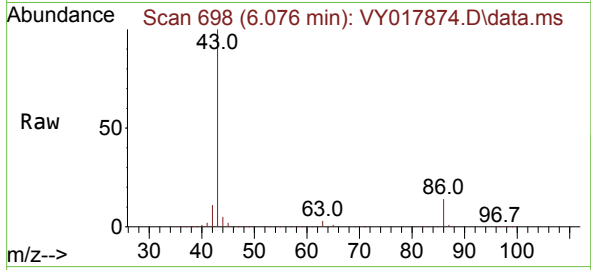




#23
 Vinyl Acetate
 Concen: 241.011 ug/l
 RT: 6.076 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

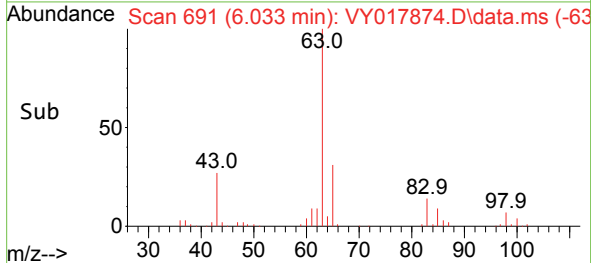
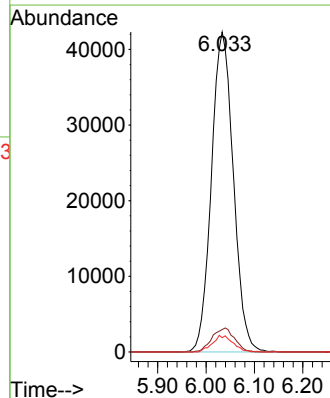
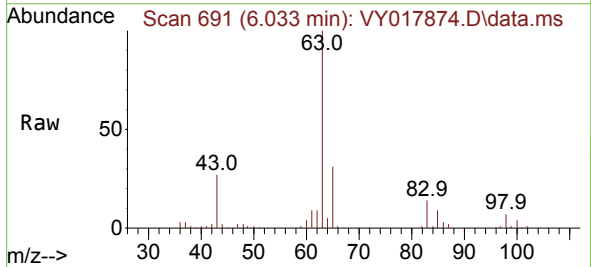
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

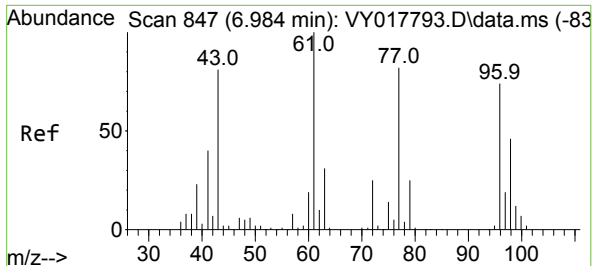
Tgt Ion: 43 Resp: 587560
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.348 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

Tgt Ion: 63 Resp: 133431
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 214.981 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

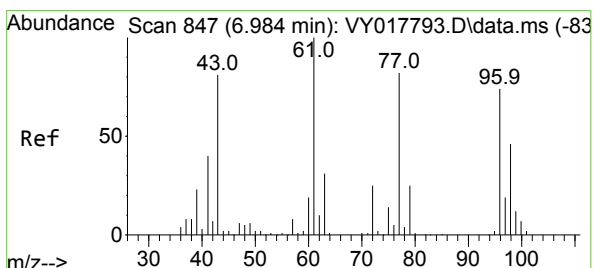
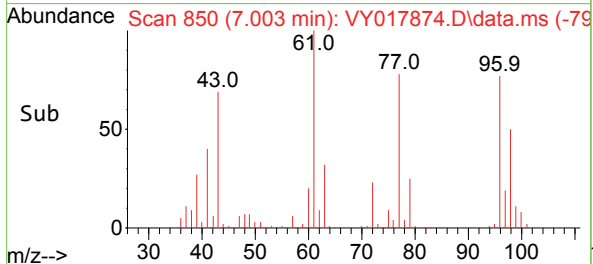
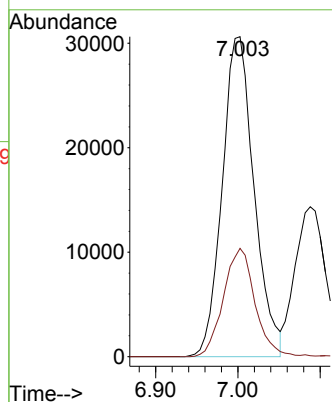
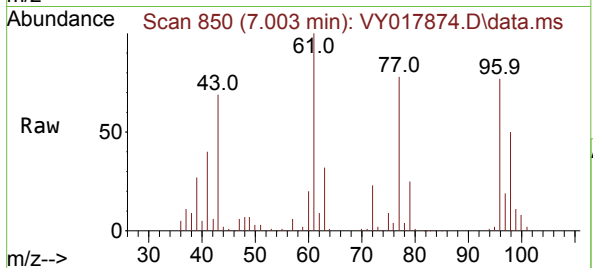
VSTDCCC050EC

Tgt Ion: 43 Resp: 82631

Ion Ratio Lower Upper

43 100

72 33.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.541 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017874.D

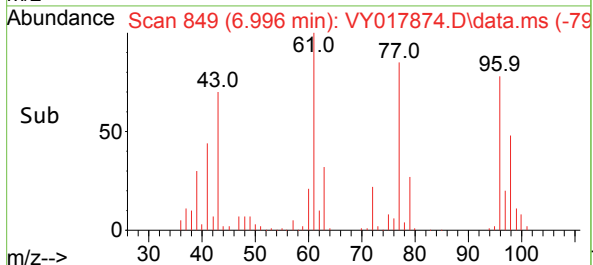
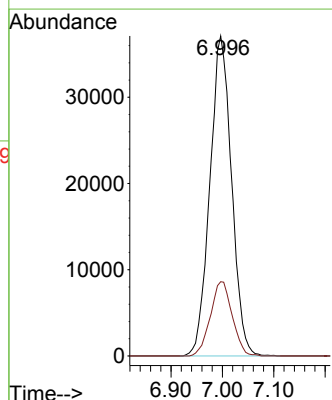
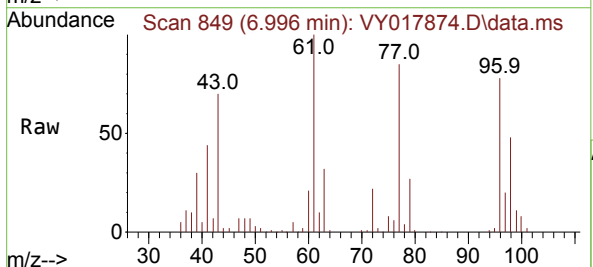
Acq: 05 Apr 2024 16:27

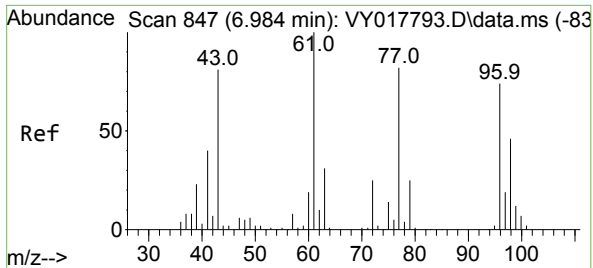
Tgt Ion: 77 Resp: 108821

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1

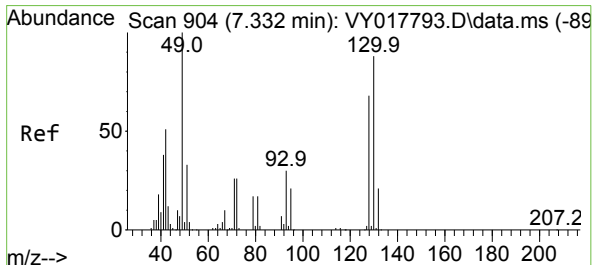
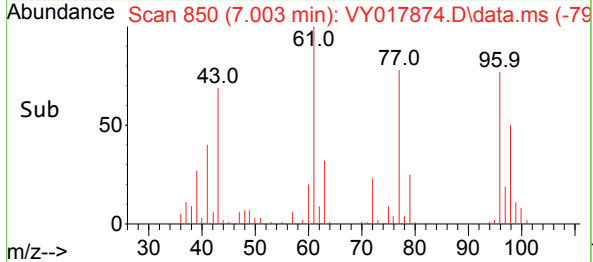
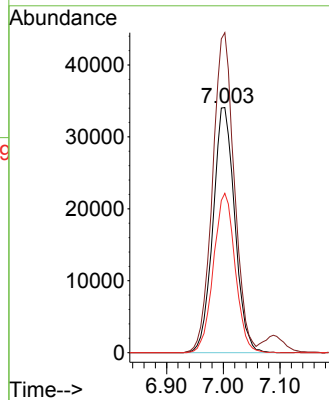
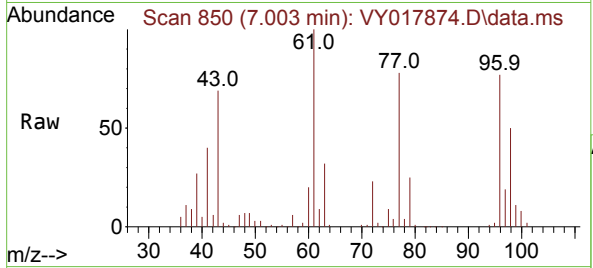




#27
 cis-1,2-Dichloroethene
 Concen: 51.062 ug/l
 RT: 7.003 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

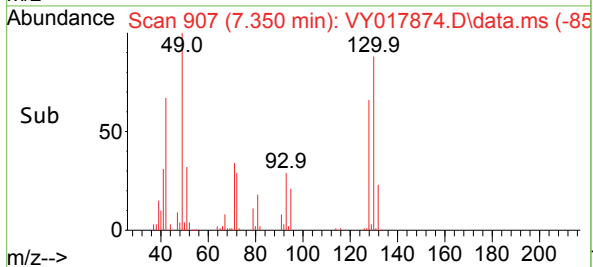
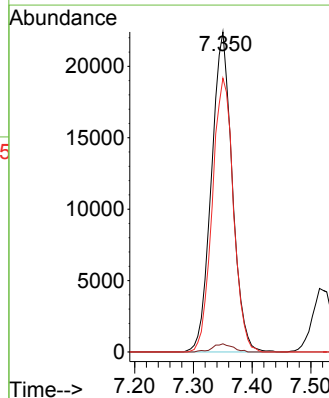
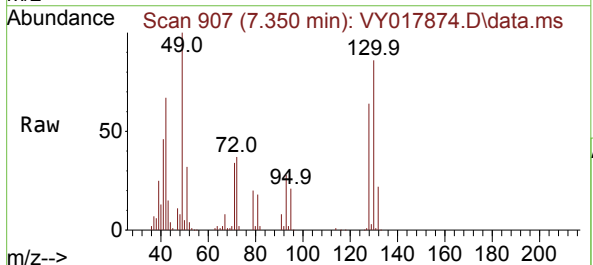
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

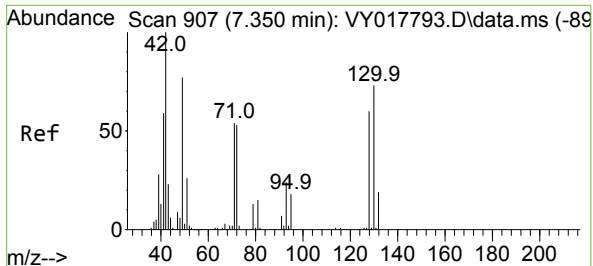
Tgt Ion: 96 Resp: 90934
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 256.2
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 51.166 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.018 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

Tgt Ion: 49 Resp: 55143
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 86.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 221.207 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

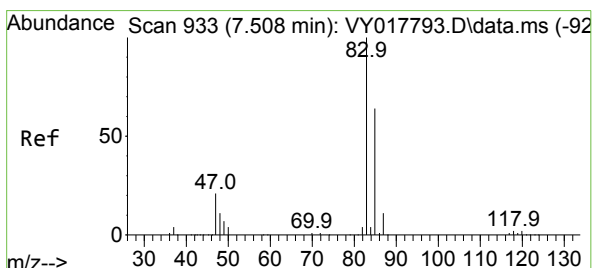
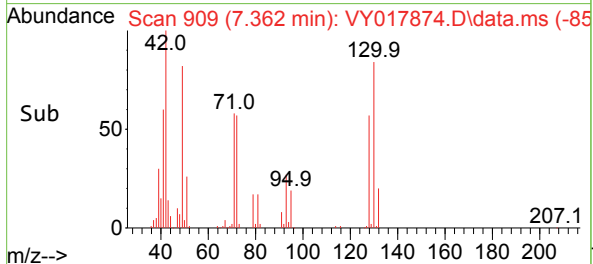
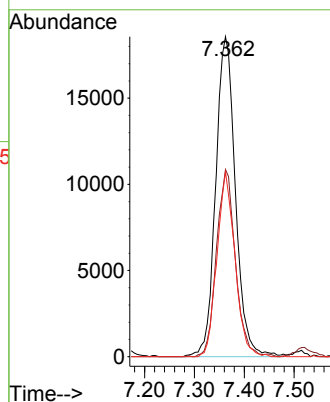
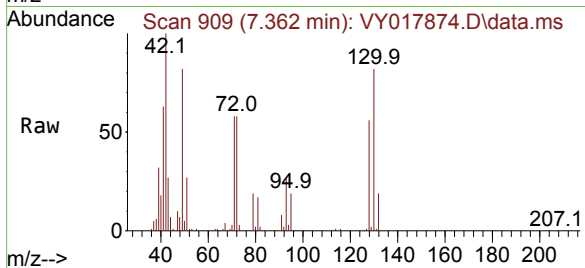
Tgt Ion: 42 Resp: 51017

Ion Ratio Lower Upper

42 100

72 56.1 43.0 64.4

71 52.7 40.8 61.2



#30

Chloroform

Concen: 52.633 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017874.D

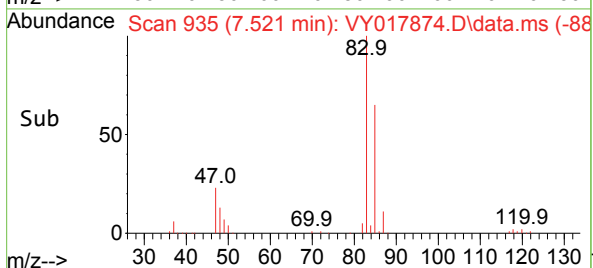
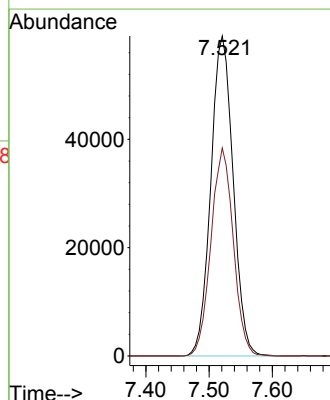
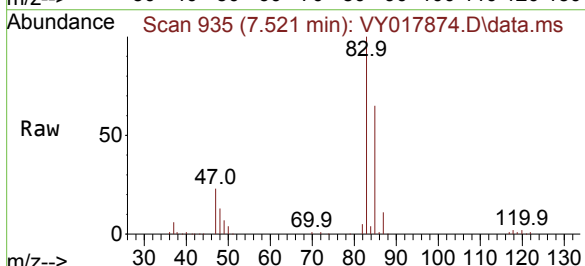
Acq: 05 Apr 2024 16:27

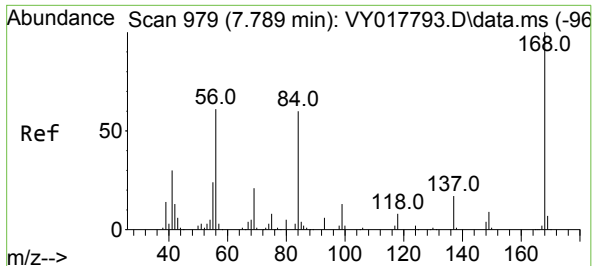
Tgt Ion: 83 Resp: 144726

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

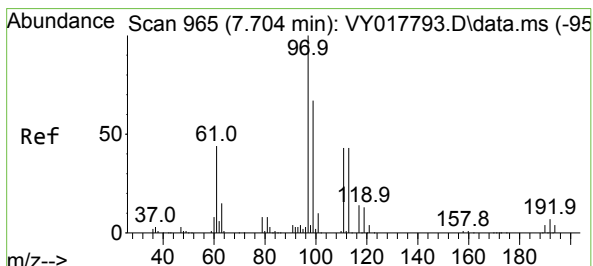
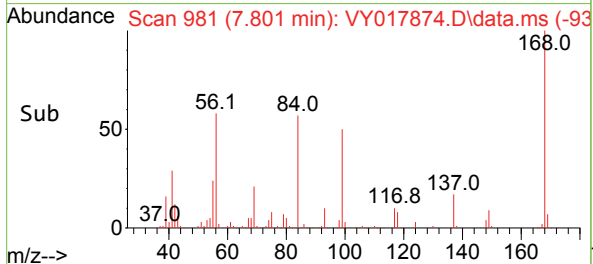
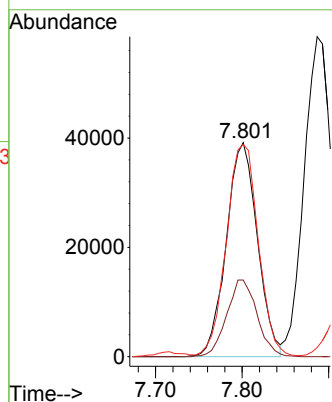
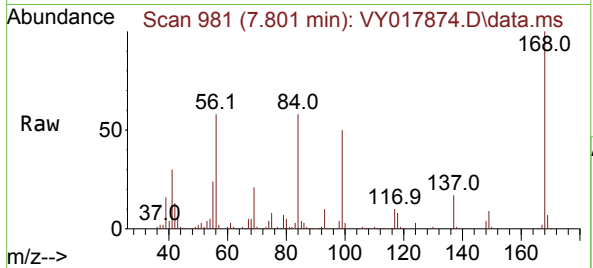




#31
Cyclohexane
Concen: 42.498 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

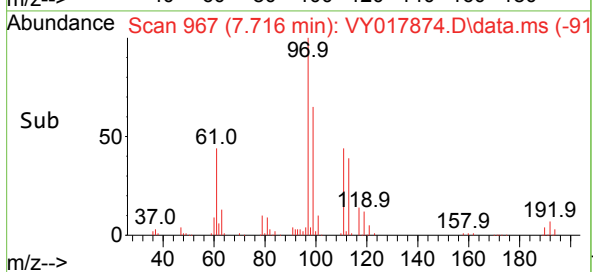
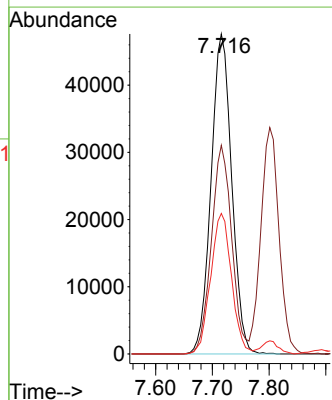
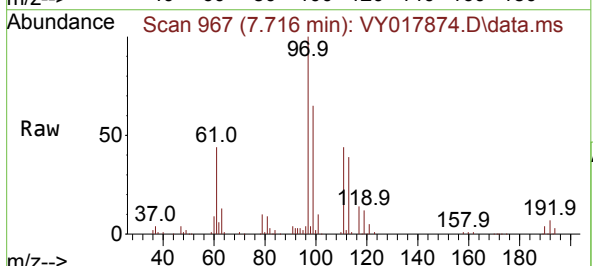
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

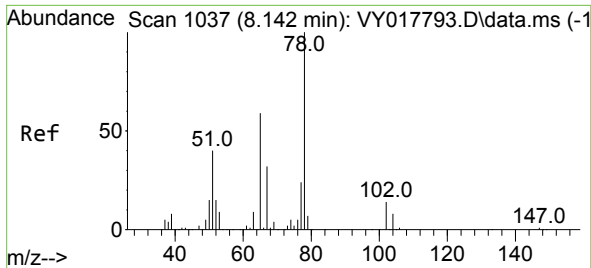
Tgt Ion: 56 Resp: 97721
Ion Ratio Lower Upper
56 100
69 35.8 28.7 43.1
84 97.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.428 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 97 Resp: 120360
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 44.4 32.6 48.8

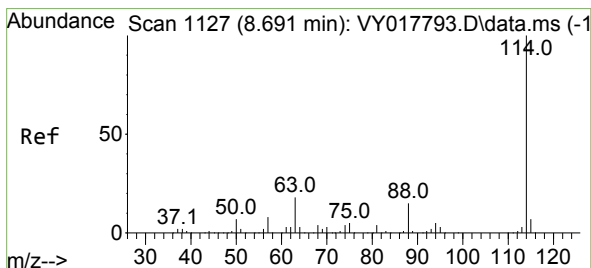
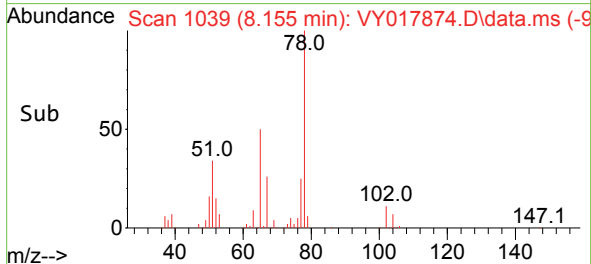
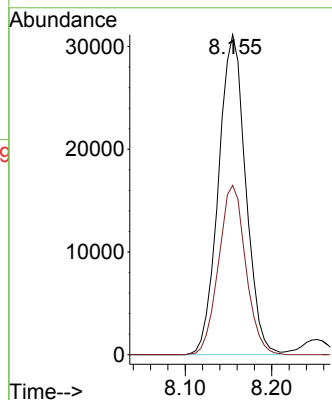
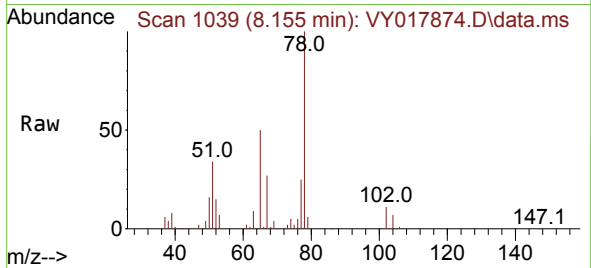




#33
 1,2-Dichloroethane-d4
 Concen: 52.116 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

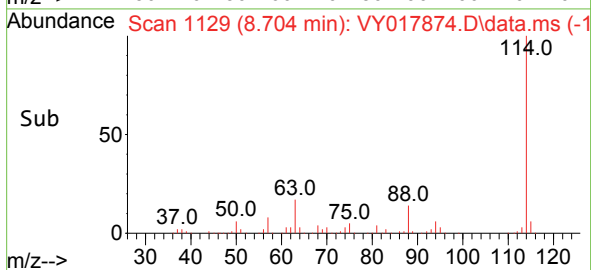
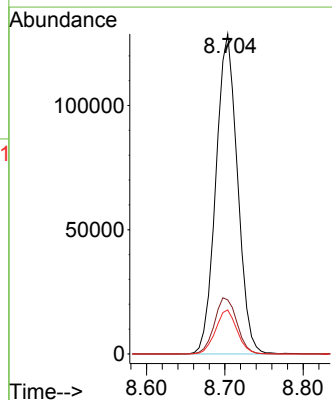
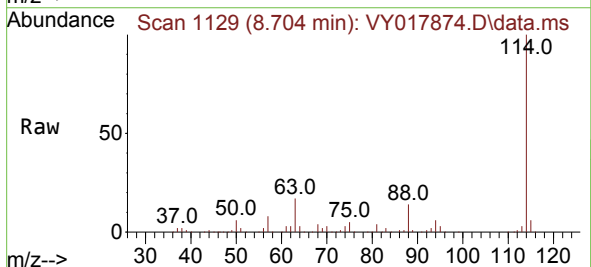
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

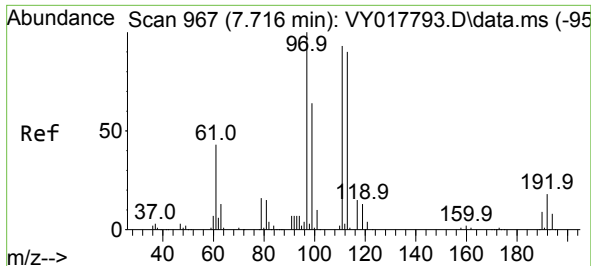
Tgt Ion: 65 Resp: 68026
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

Tgt Ion: 114 Resp: 247145
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 13.7 0.0 27.2

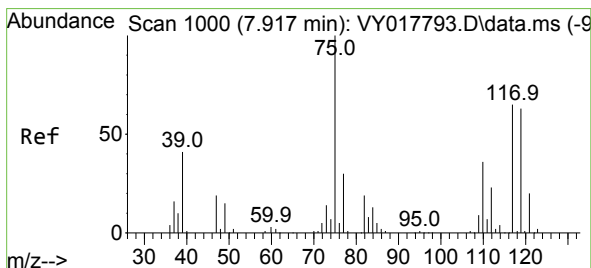
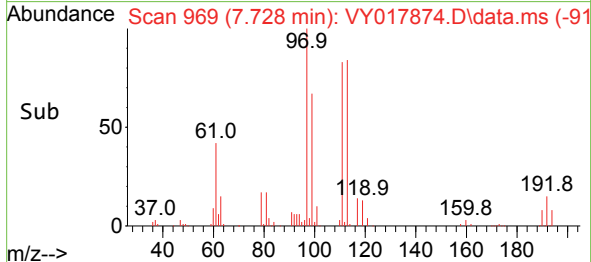
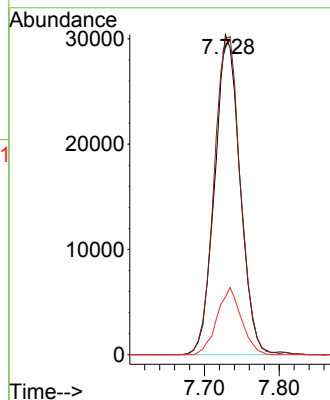
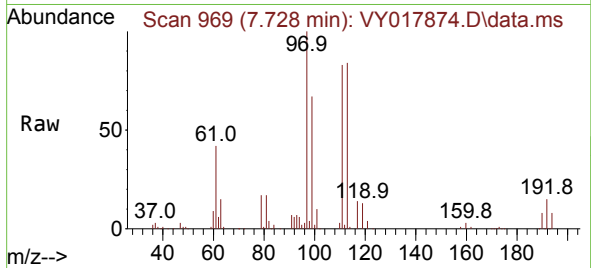




#35
Dibromofluoromethane
Concen: 50.117 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

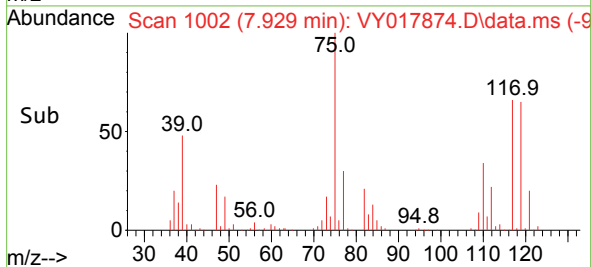
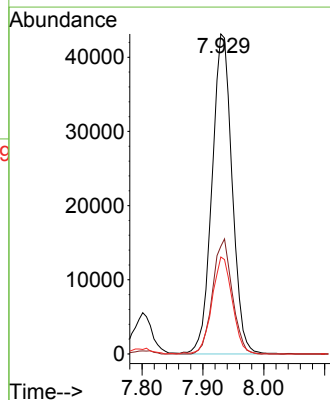
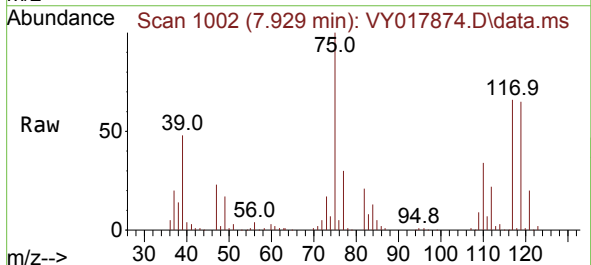
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

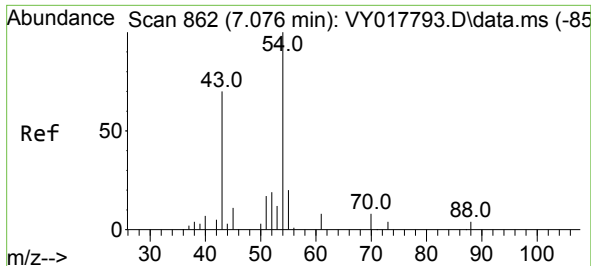
Tgt Ion:113 Resp: 71573
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.456 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 75 Resp: 98885
Ion Ratio Lower Upper
75 100
110 35.1 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 43.926 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

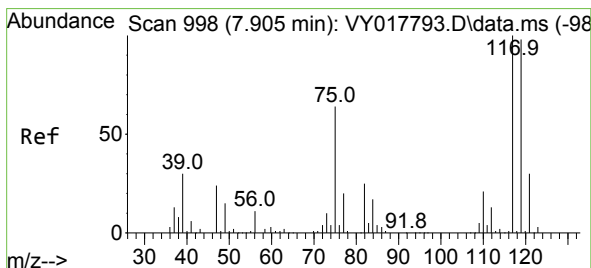
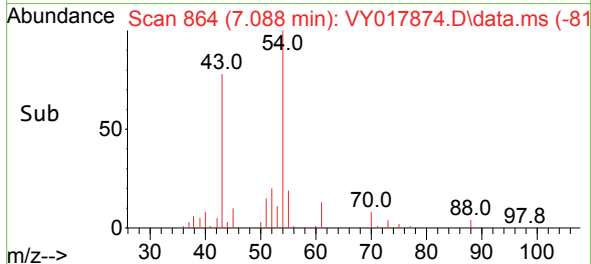
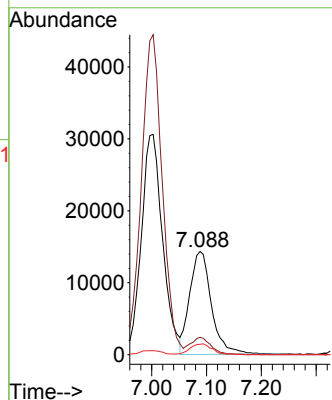
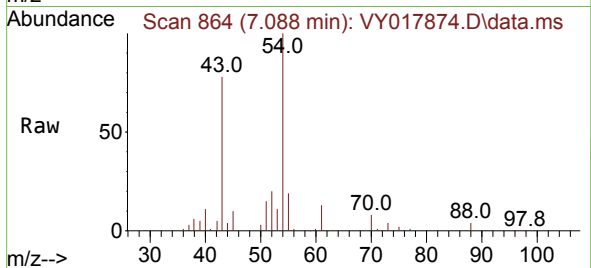
Tgt Ion: 43 Resp: 39499

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.538 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

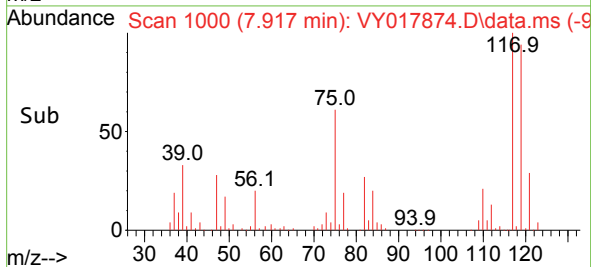
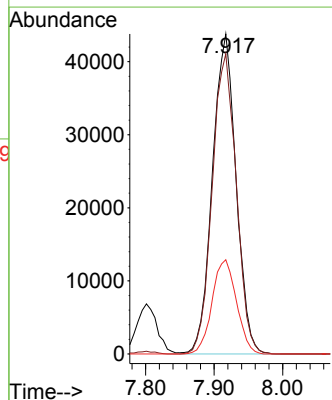
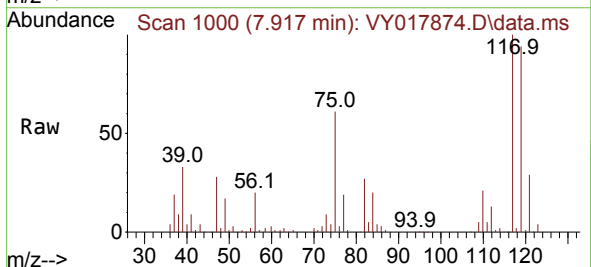
Tgt Ion: 117 Resp: 104996

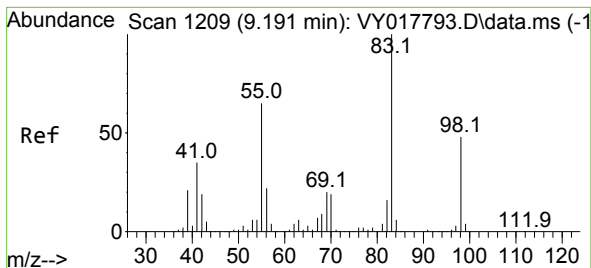
Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.6

121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 44.539 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

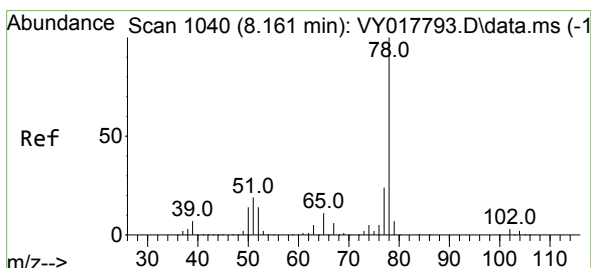
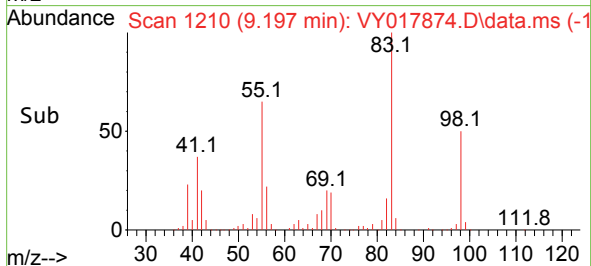
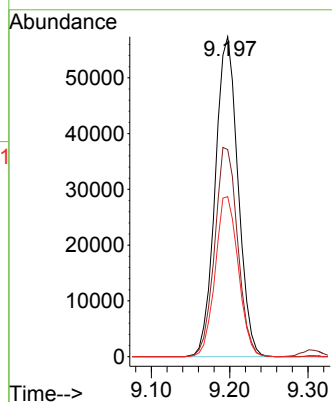
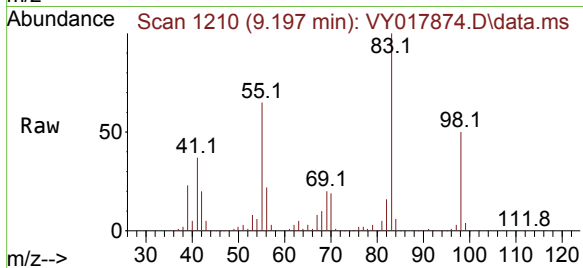
Tgt Ion: 83 Resp: 115925

Ion Ratio Lower Upper

83 100

55 64.7 51.5 77.3

98 50.0 40.5 60.7



#40

Benzene

Concen: 48.441 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017874.D

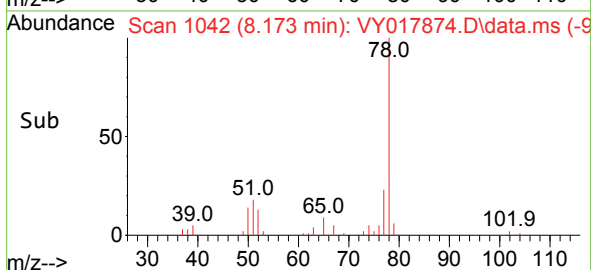
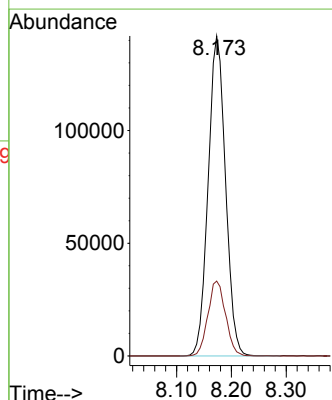
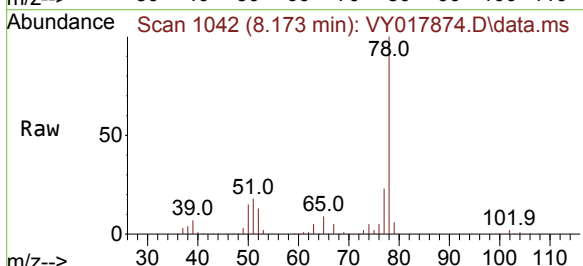
Acq: 05 Apr 2024 16:27

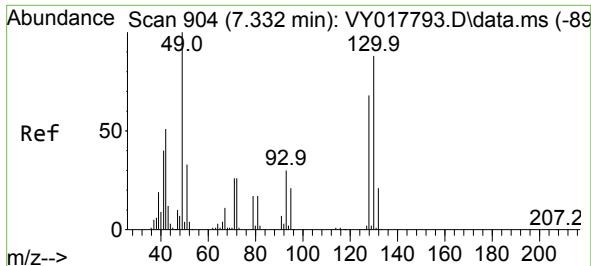
Tgt Ion: 78 Resp: 311068

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

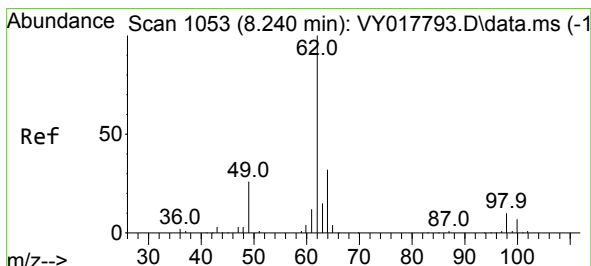
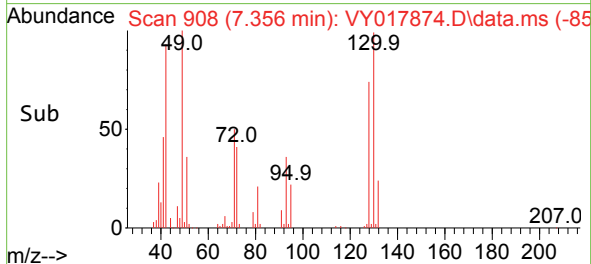
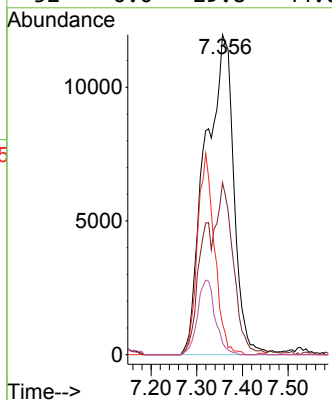
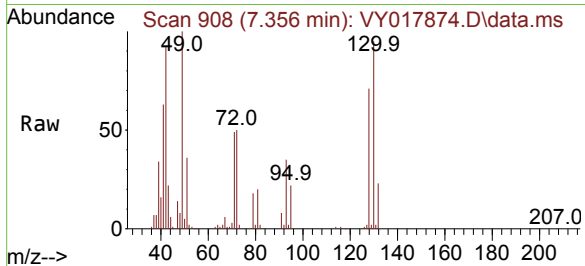




#41
Methacrylonitrile
Concen: 88.036 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

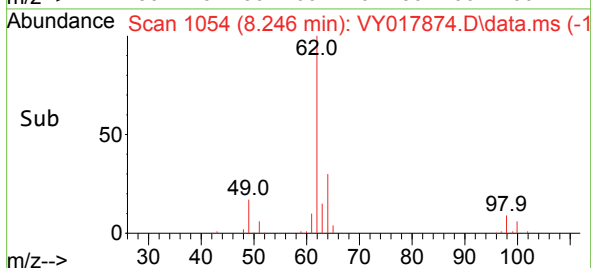
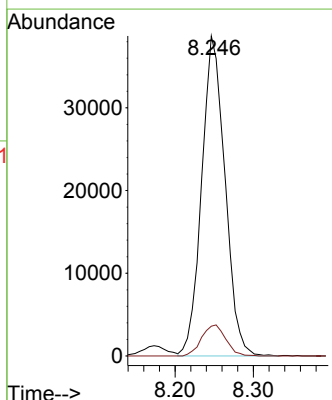
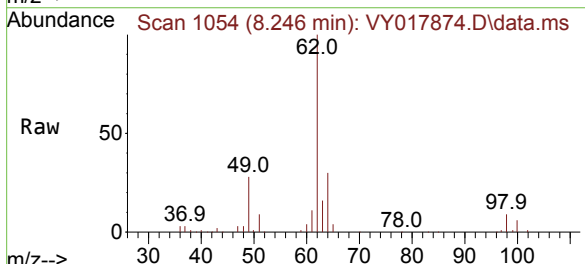
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

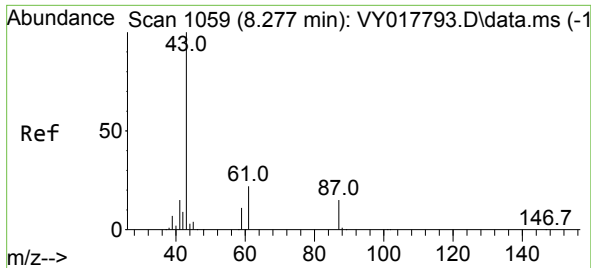
Tgt Ion: 41 Resp: 51870
Ion Ratio Lower Upper
41 100
39 29.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 50.696 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 62 Resp: 80129
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.0

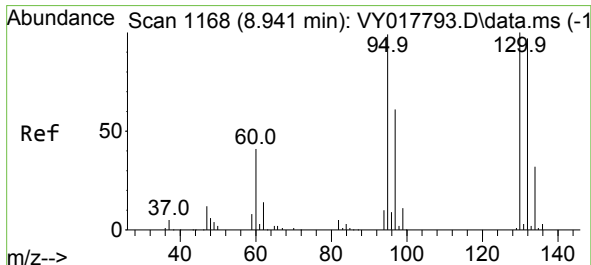
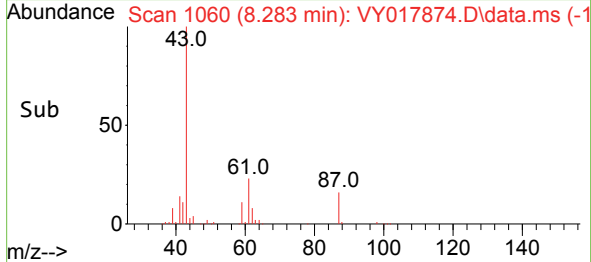
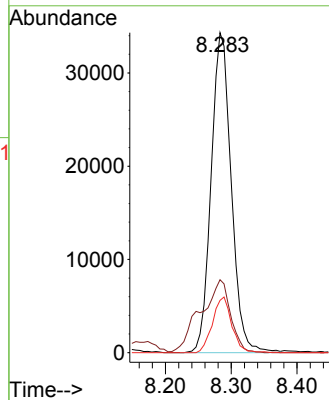
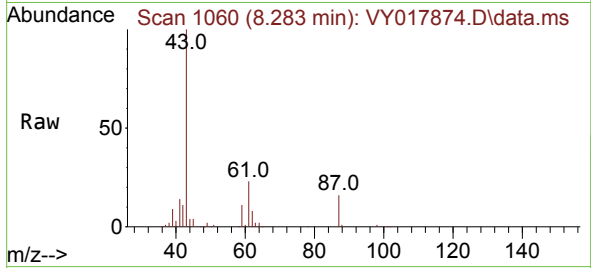




#43
Isopropyl Acetate
Concen: 44.786 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

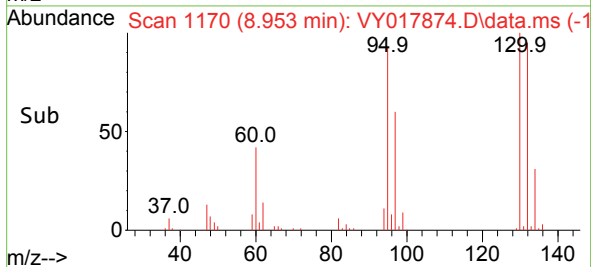
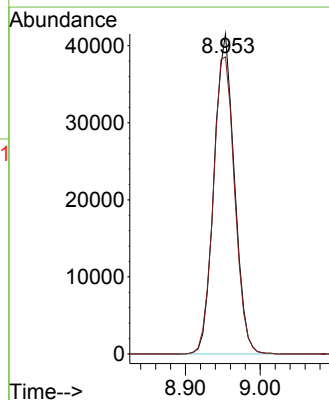
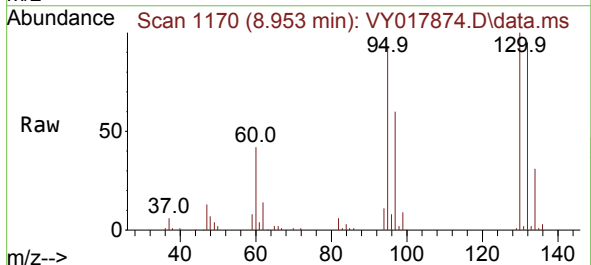
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

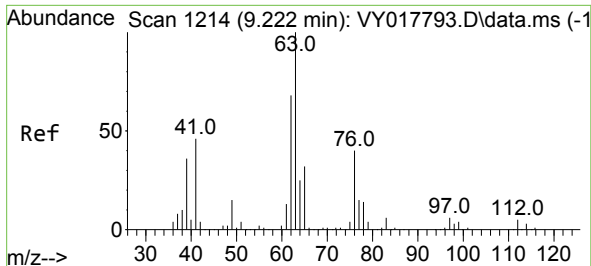
Tgt Ion:	43	Resp:	73086
Ion	Ratio	Lower	Upper
43	100		
61	33.8	27.9	41.9
87	16.7	13.1	19.7



#44
Trichloroethene
Concen: 47.048 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion:	130	Resp:	78605
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	188.0

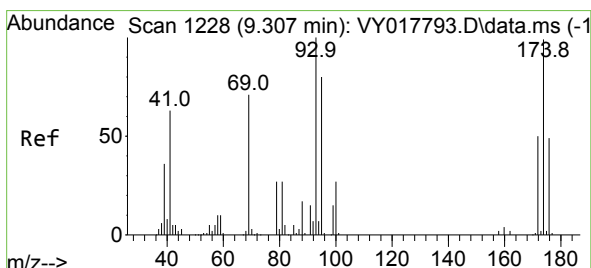
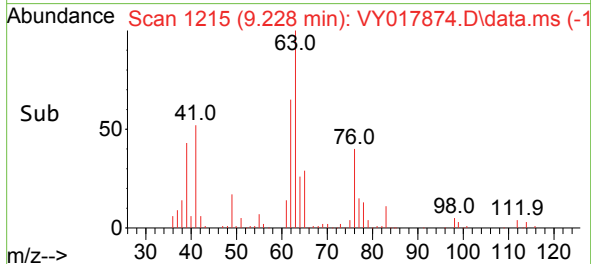
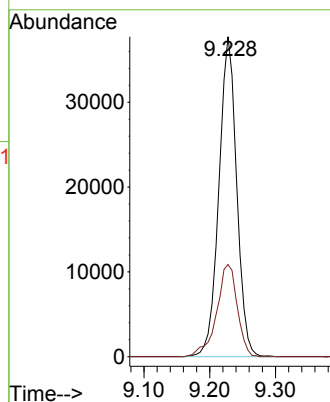
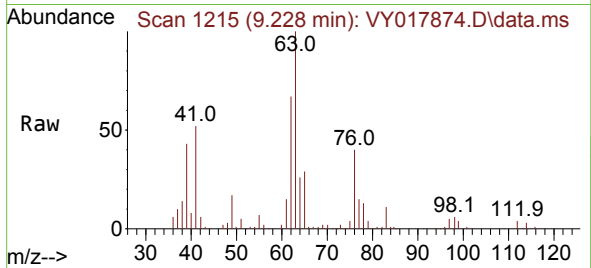




#45
1,2-Dichloropropane
Concen: 47.568 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

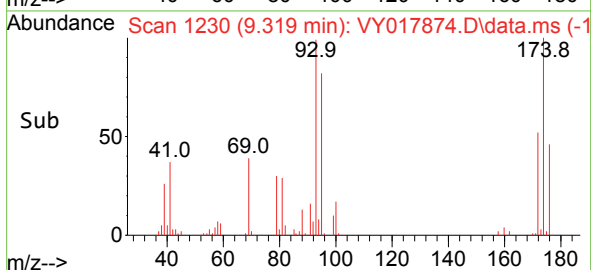
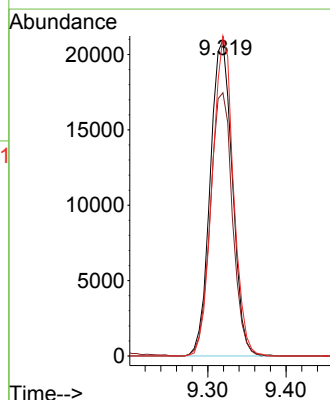
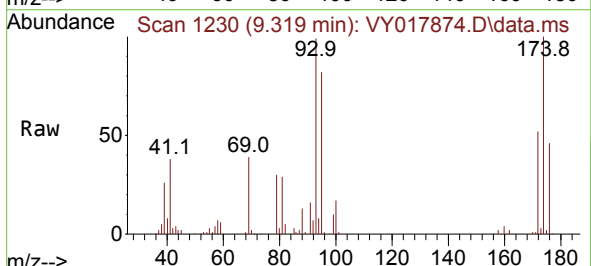
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

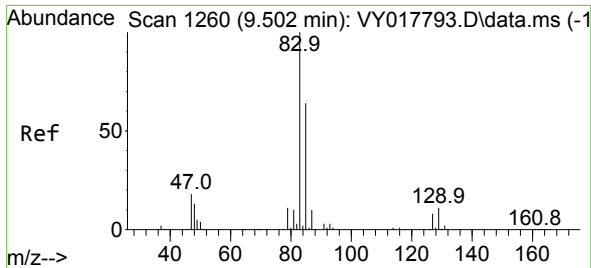
Tgt Ion: 63 Resp: 70981
Ion Ratio Lower Upper
63 100
65 28.8 25.4 38.2



#46
Dibromomethane
Concen: 48.495 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 93 Resp: 41112
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 97.1 80.9 121.3

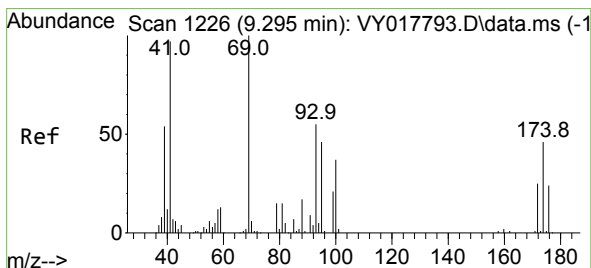
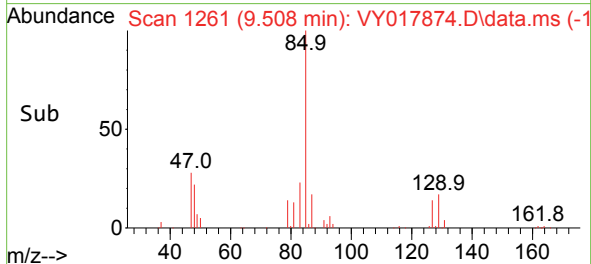
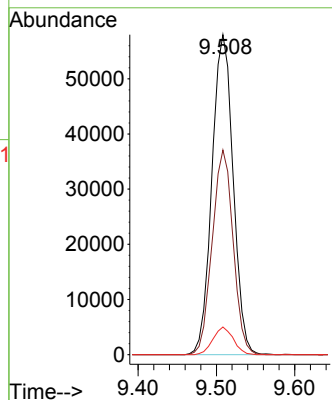
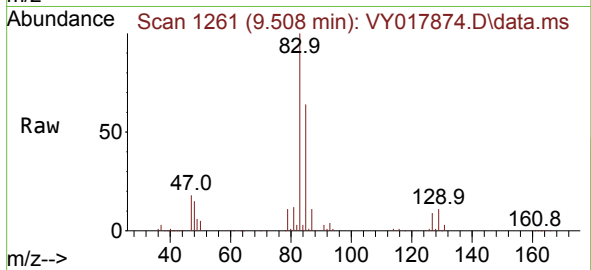




#47
Bromodichloromethane
Concen: 50.864 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

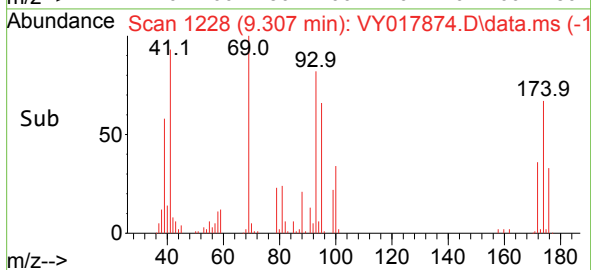
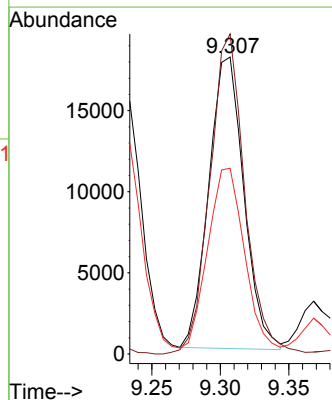
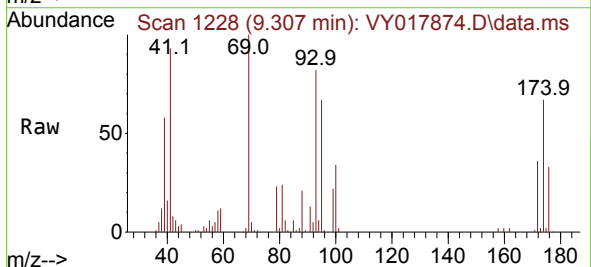
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

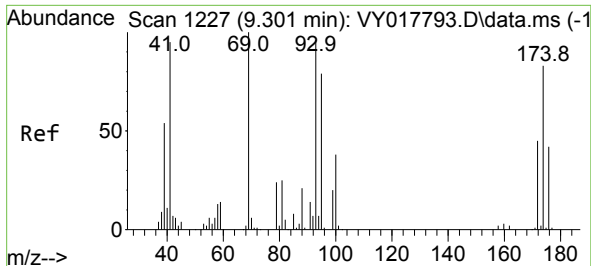
Tgt Ion: 83 Resp: 108955
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 46.794 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 41 Resp: 32050
Ion Ratio Lower Upper
41 100
69 109.3 84.1 126.1
39 67.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 927.809 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

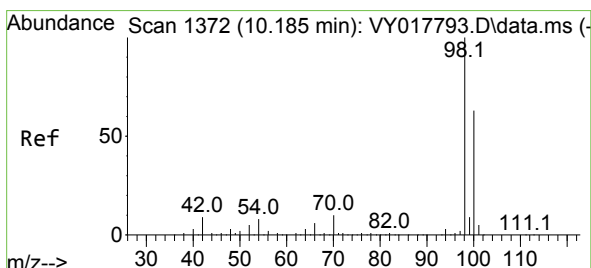
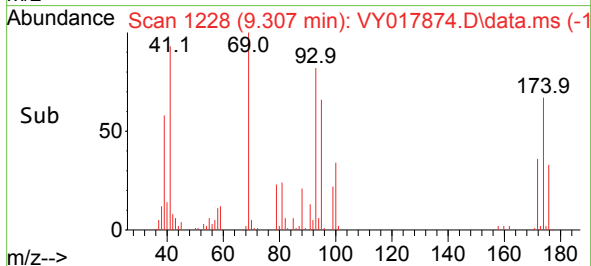
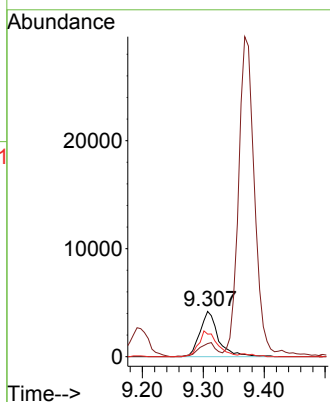
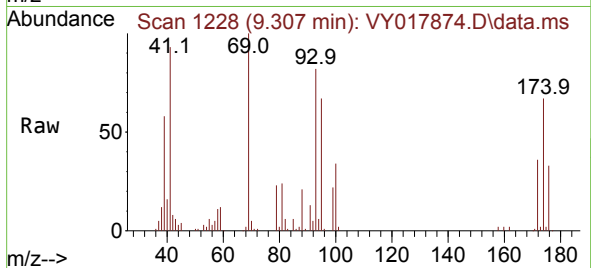
Tgt Ion: 88 Resp: 8830

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 56.8 49.3 73.9



#50

Toluene-d8

Concen: 49.747 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017874.D

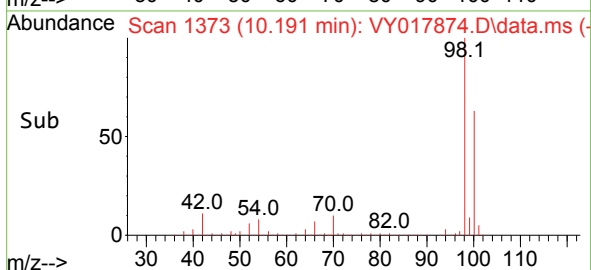
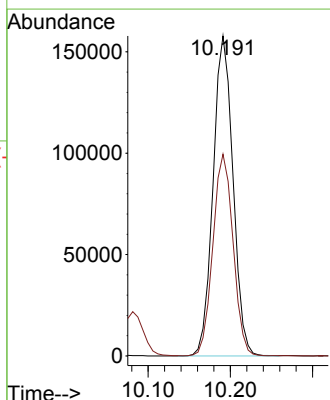
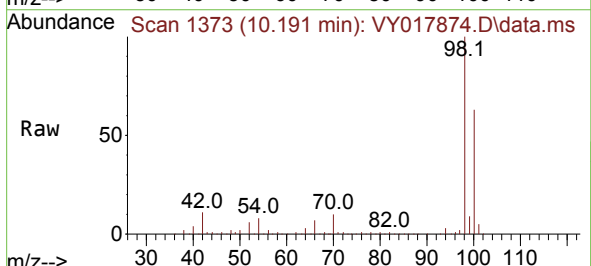
Acq: 05 Apr 2024 16:27

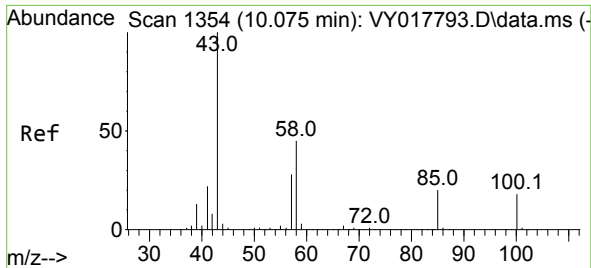
Tgt Ion: 98 Resp: 265380

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

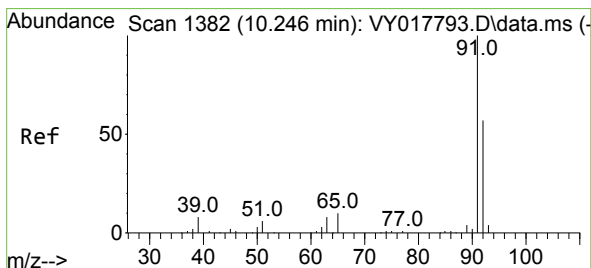
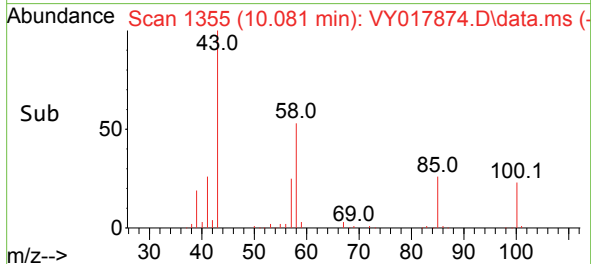
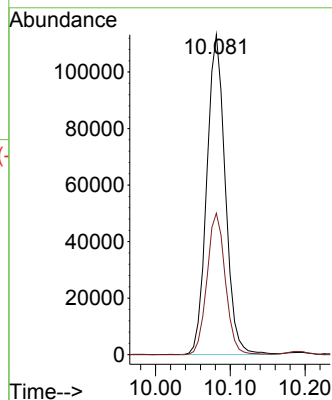
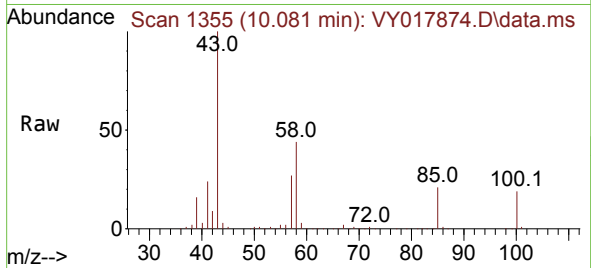




#51
4-Methyl-2-Pentanone
Concen: 241.630 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

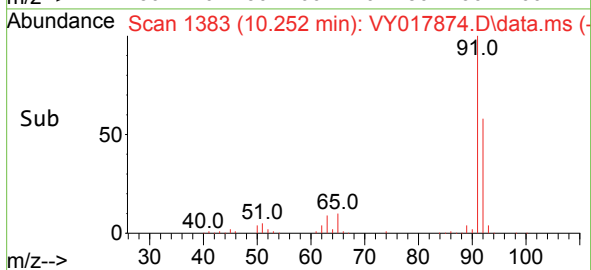
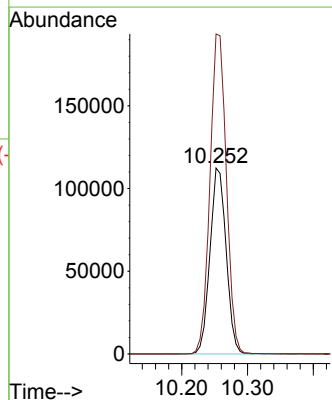
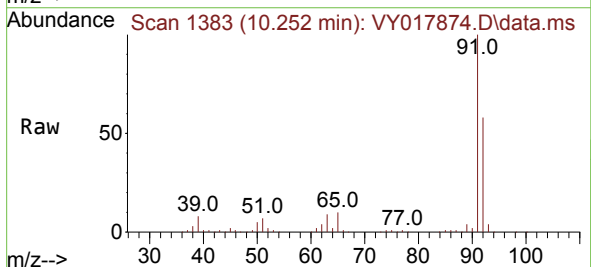
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

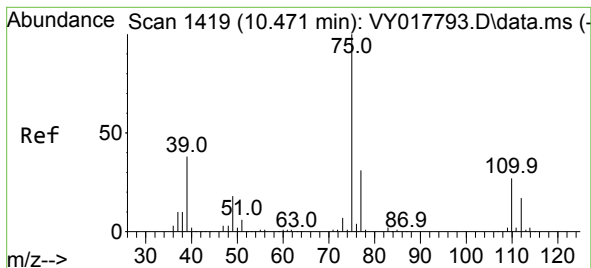
Tgt Ion: 43 Resp: 194125
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5



#52
Toluene
Concen: 49.319 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 92 Resp: 192104
Ion Ratio Lower Upper
92 100
91 175.1 139.0 208.6

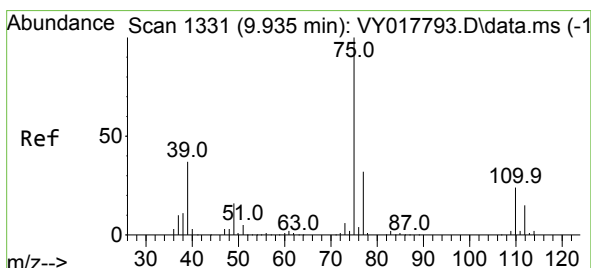
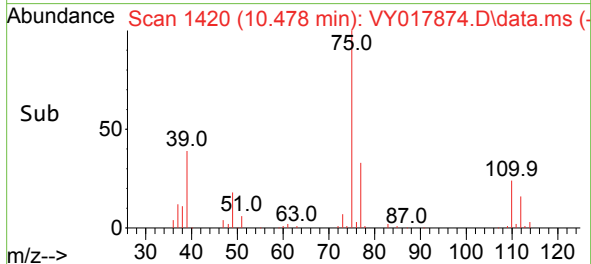
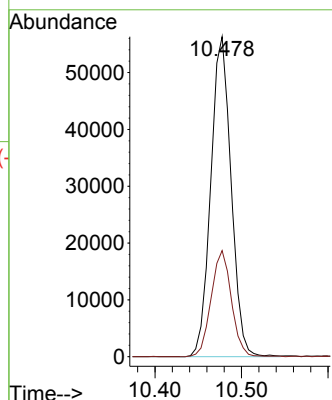
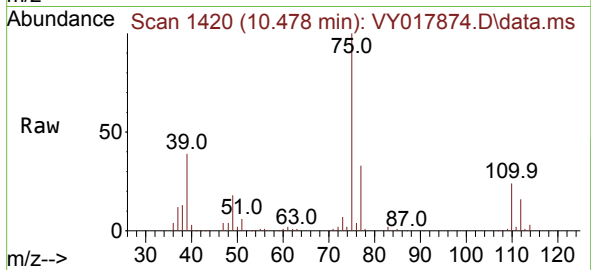




#53
 t-1,3-Dichloropropene
 Concen: 48.267 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

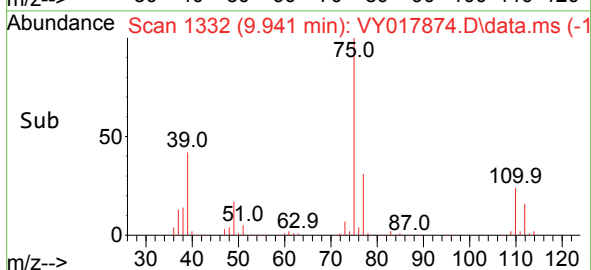
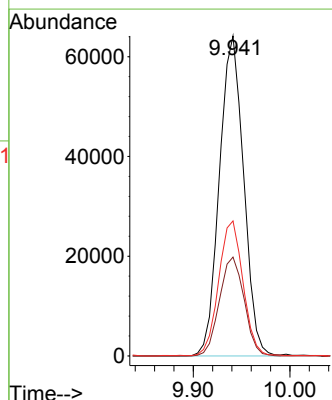
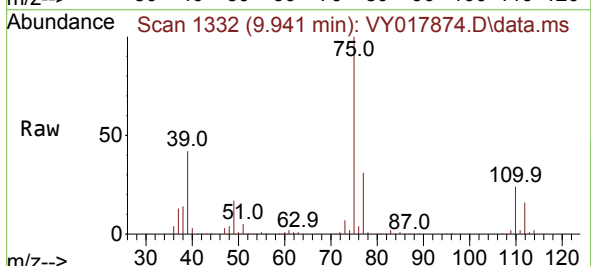
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

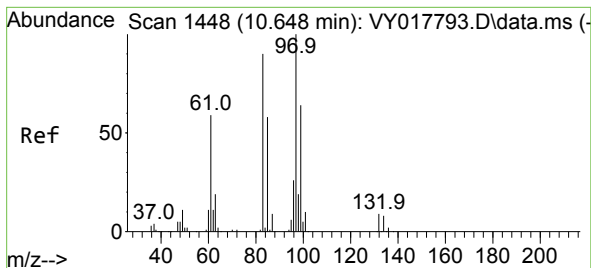
Tgt Ion: 75 Resp: 91803
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 48.062 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017874.D
 Acq: 05 Apr 2024 16:27

Tgt Ion: 75 Resp: 111568
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 42.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 48.860 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 55193

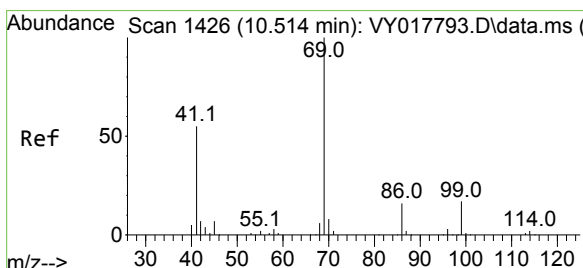
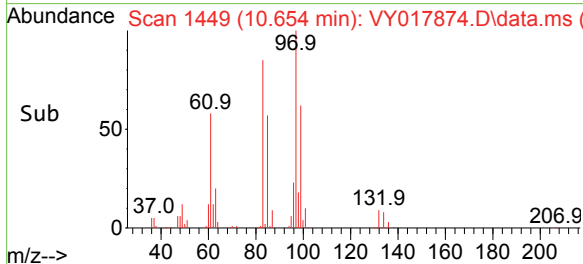
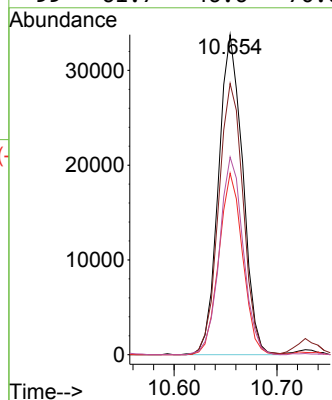
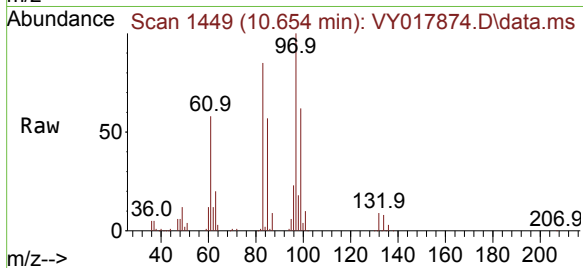
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 56.7 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.503 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

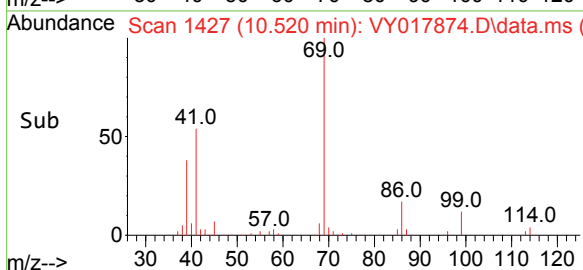
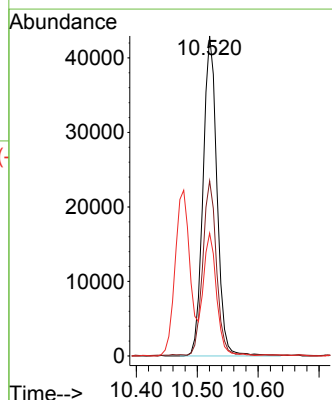
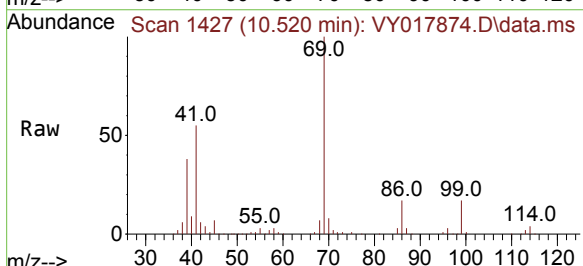
Tgt Ion: 69 Resp: 68458

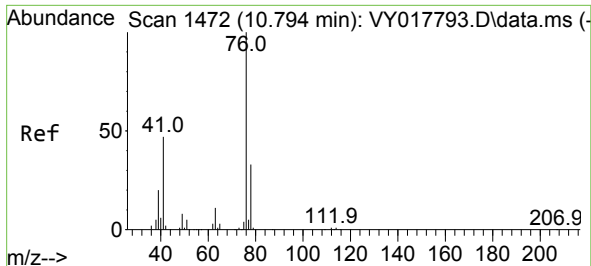
Ion Ratio Lower Upper

69 100

41 53.3 42.3 63.5

39 35.2 22.9 34.3#

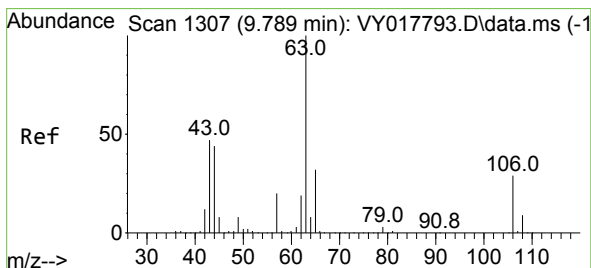
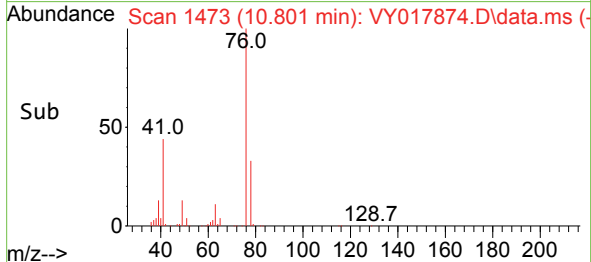
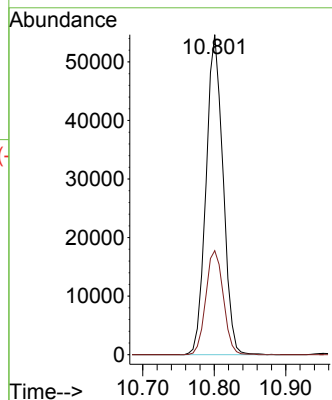
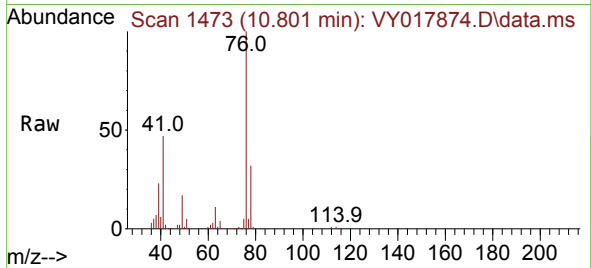




#57
1,3-Dichloropropane
Concen: 47.087 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

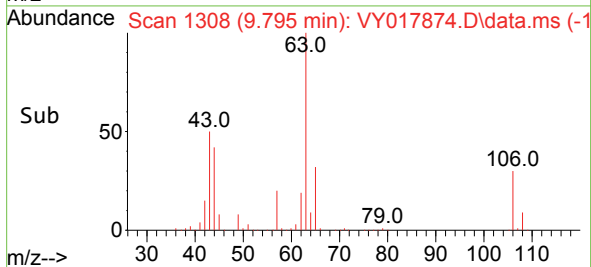
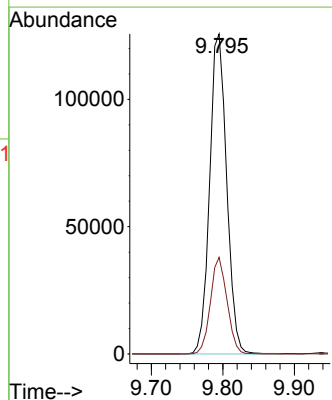
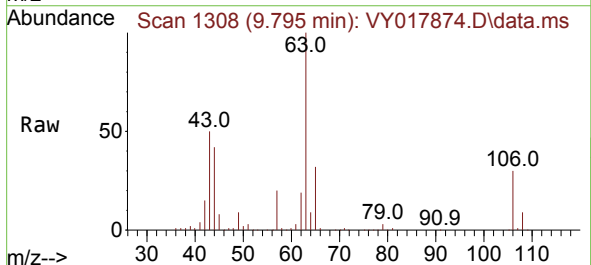
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

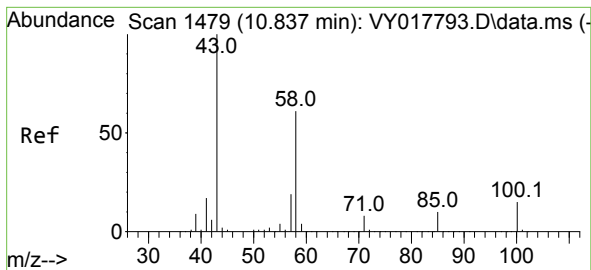
Tgt Ion: 76 Resp: 89962
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 288.022 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 63 Resp: 207827
Ion Ratio Lower Upper
63 100
106 29.3 23.7 35.5

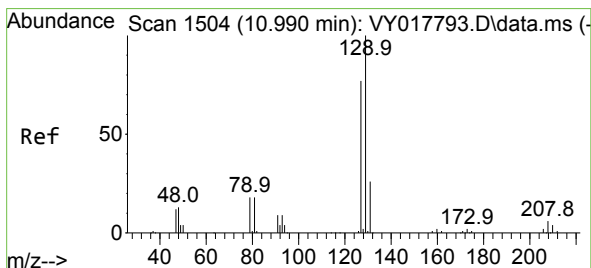
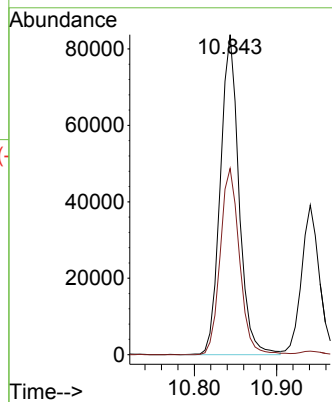
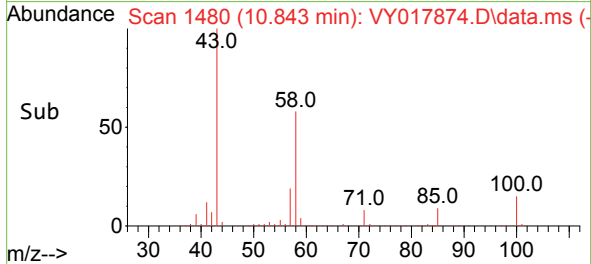
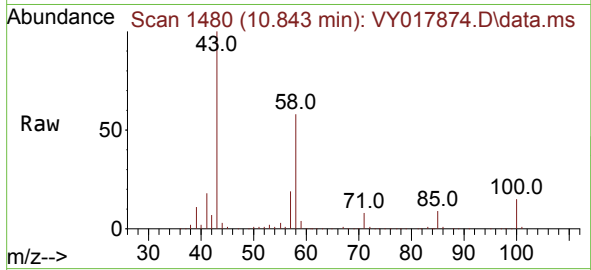




#59
2-Hexanone
Concen: 232.278 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

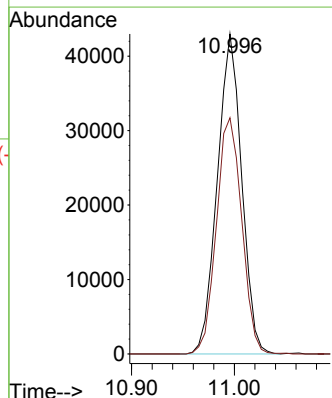
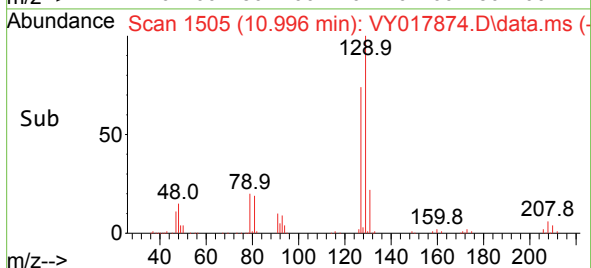
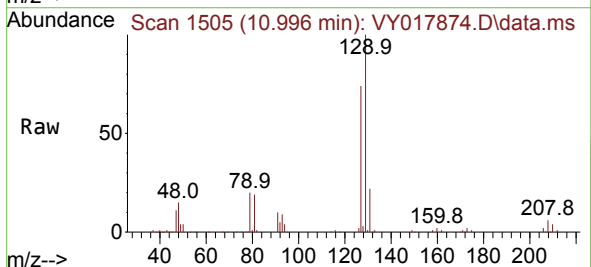
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

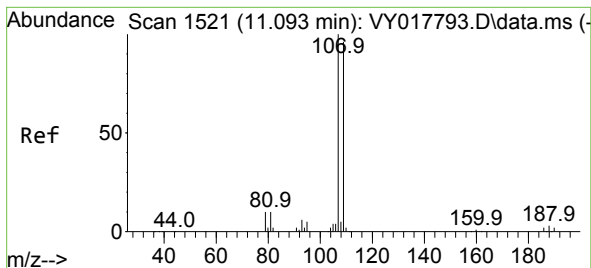
Tgt Ion: 43 Resp: 131878
Ion Ratio Lower Upper
43 100
58 60.2 31.4 94.0



#60
Dibromochloromethane
Concen: 49.653 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 129 Resp: 70743
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 48.462 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

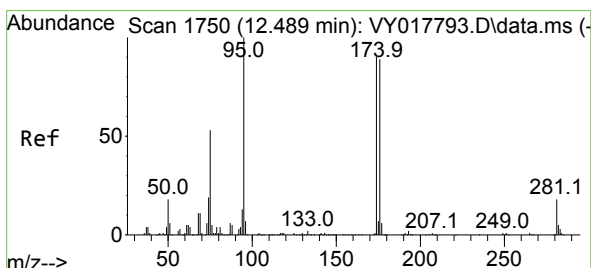
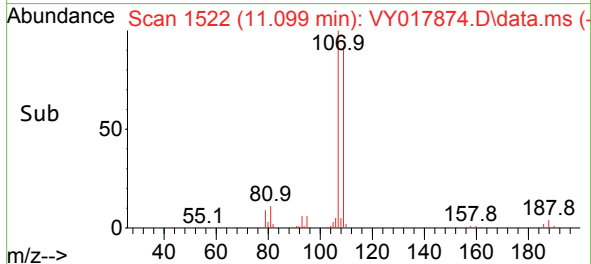
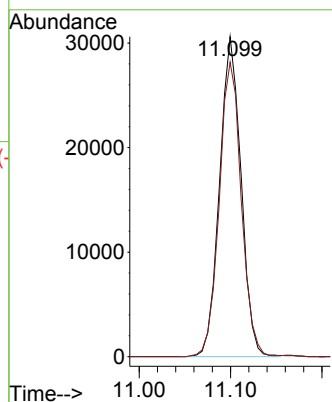
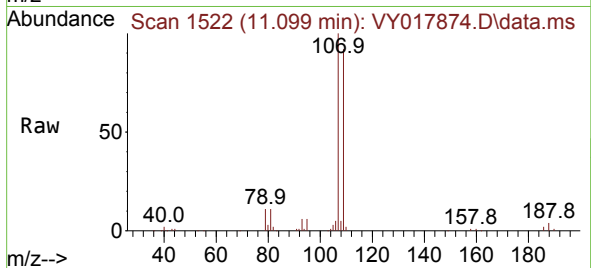
VSTDCCC050EC

Tgt Ion:107 Resp: 49918

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.674 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

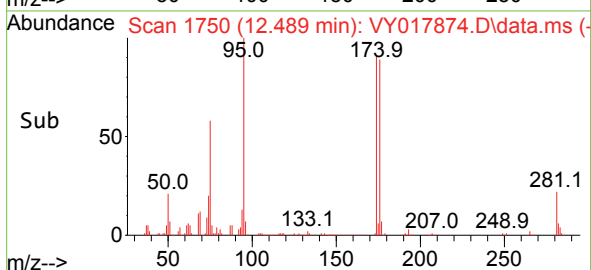
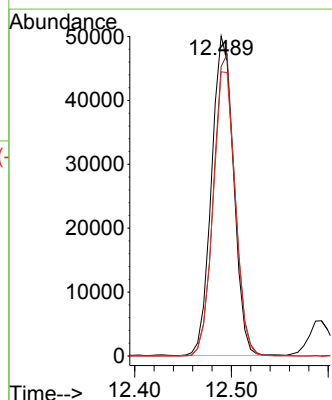
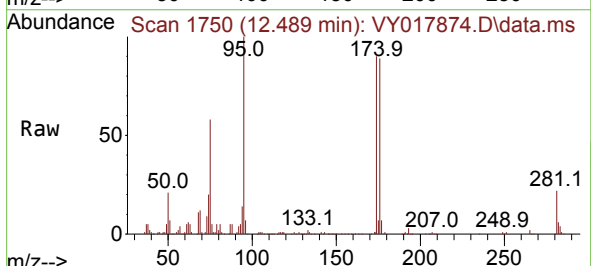
Tgt Ion: 95 Resp: 79000

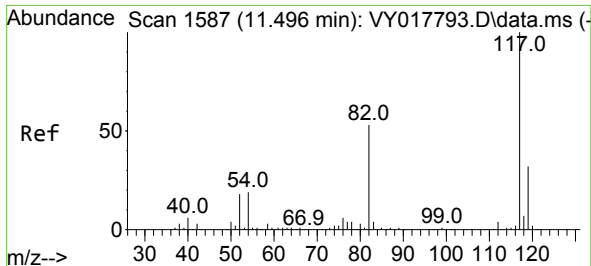
Ion Ratio Lower Upper

95 100

174 92.3 0.0 175.6

176 89.8 0.0 171.4

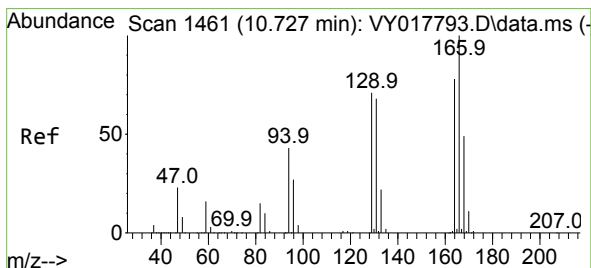
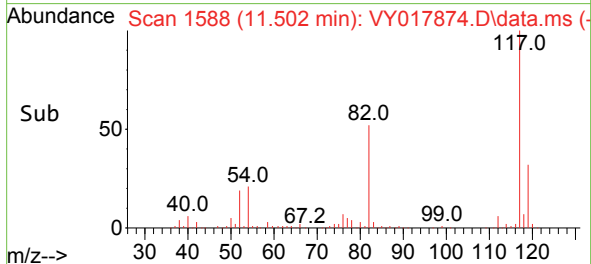
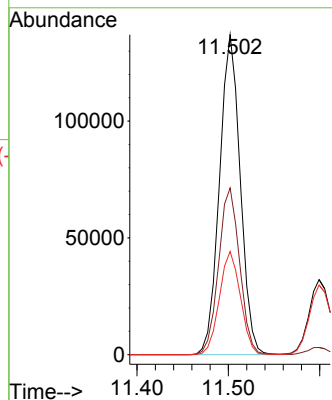
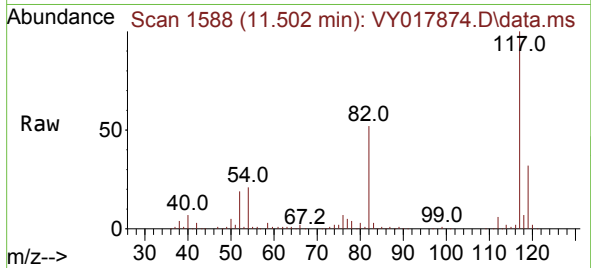




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

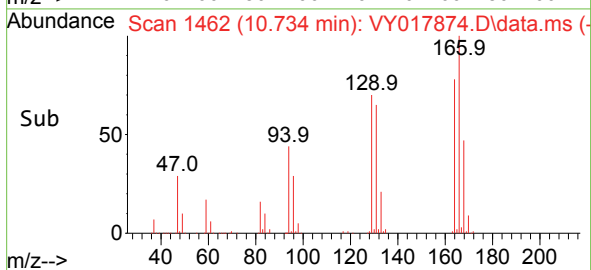
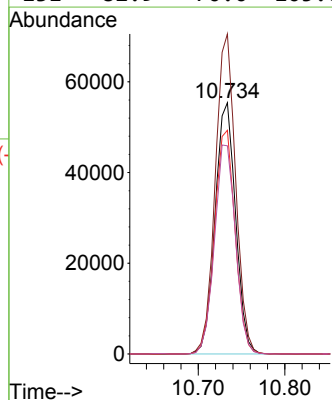
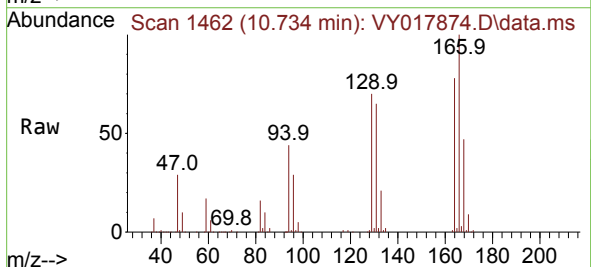
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

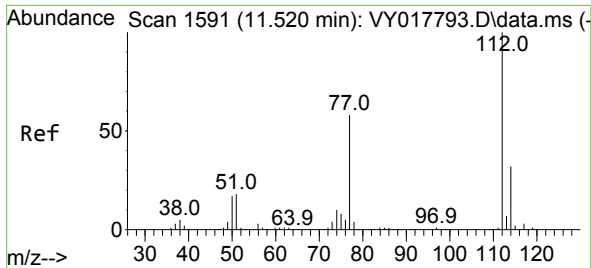
Tgt Ion:117 Resp: 216459
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 48.230 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion:164 Resp: 91057
Ion Ratio Lower Upper
164 100
166 127.4 102.6 154.0
129 89.1 72.0 108.0
131 82.9 70.0 105.0

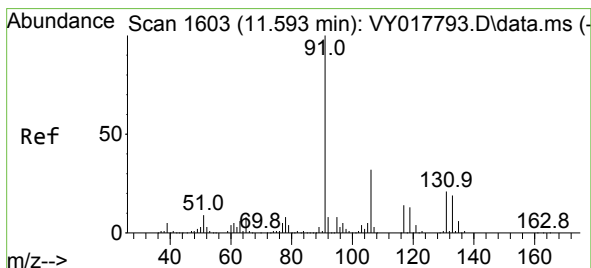
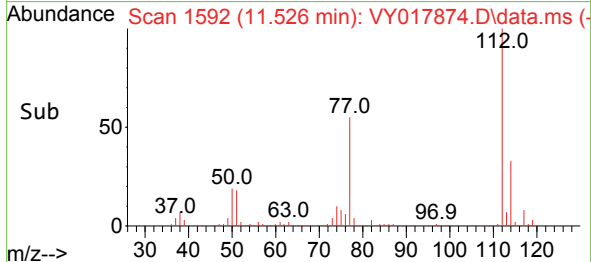
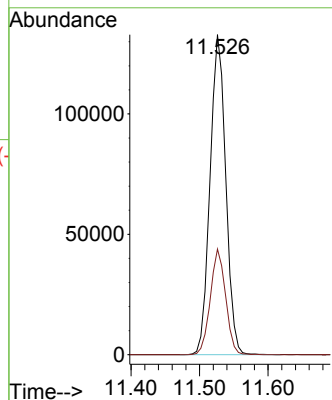
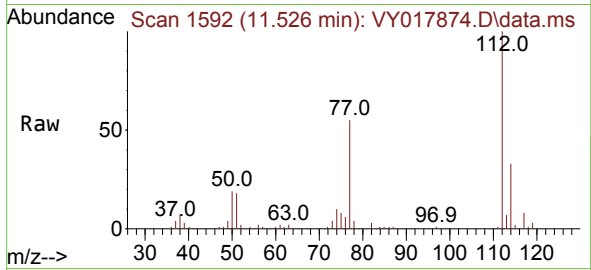




#65
Chlorobenzene
Concen: 47.793 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

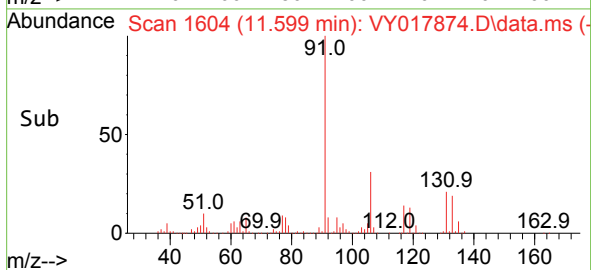
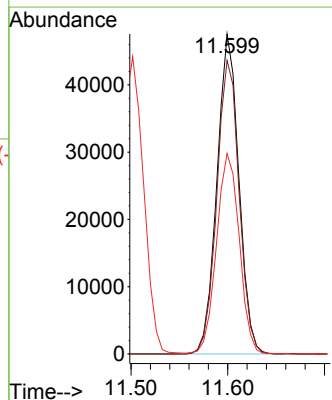
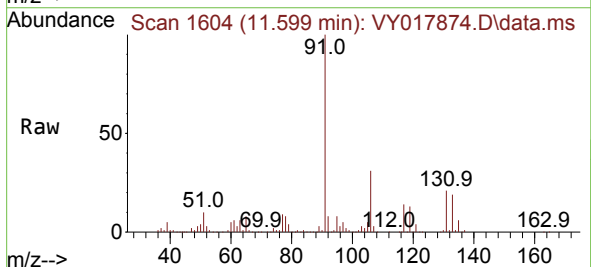
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

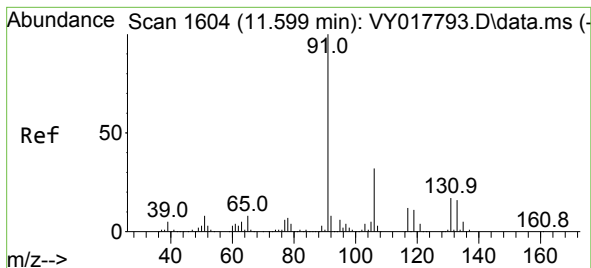
Tgt Ion:112 Resp: 212214
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.652 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion:131 Resp: 74860
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.3
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.089 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

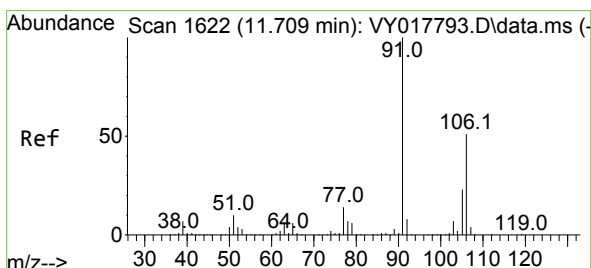
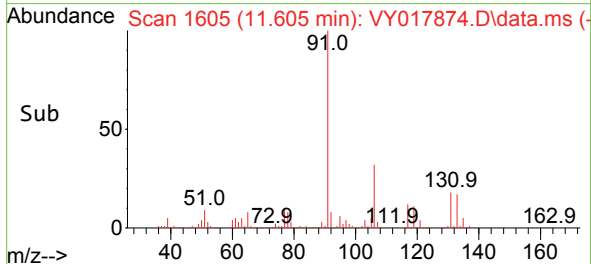
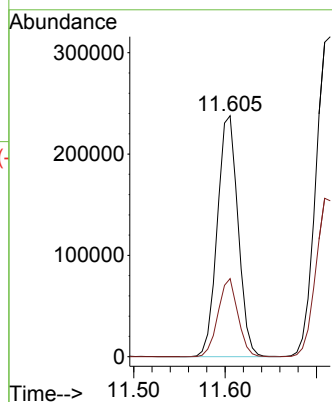
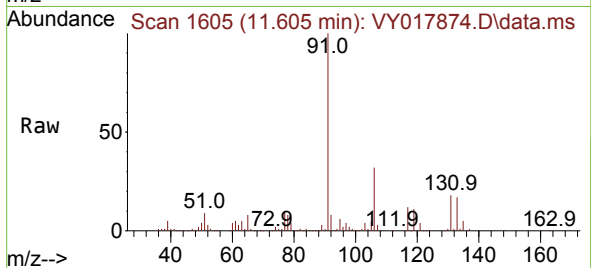
VSTDCCC050EC

Tgt Ion: 91 Resp: 374708

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 98.117 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017874.D

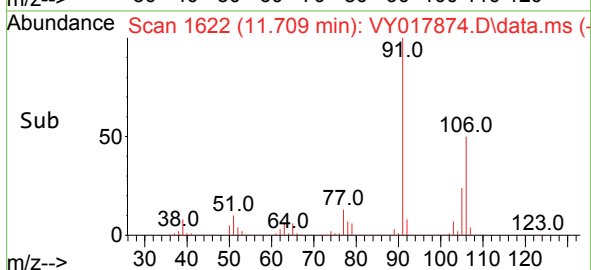
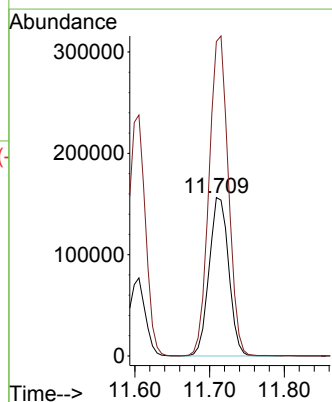
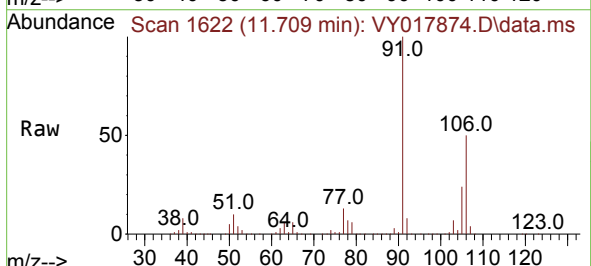
Acq: 05 Apr 2024 16:27

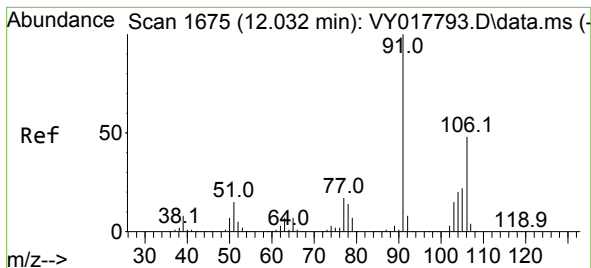
Tgt Ion:106 Resp: 284033

Ion Ratio Lower Upper

106 100

91 199.5 156.0 234.0





#69

o-Xylene

Concen: 54.831 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

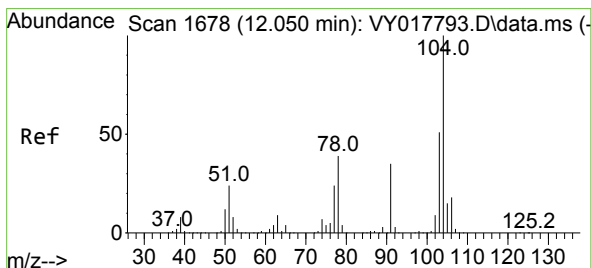
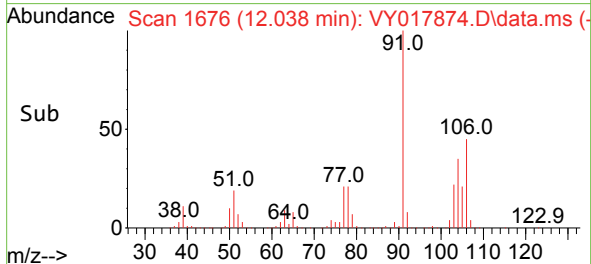
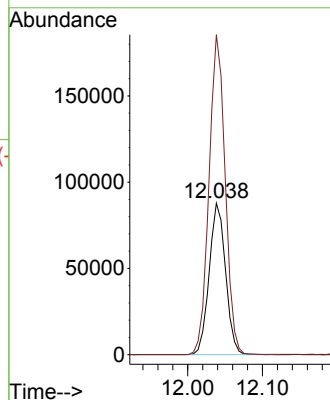
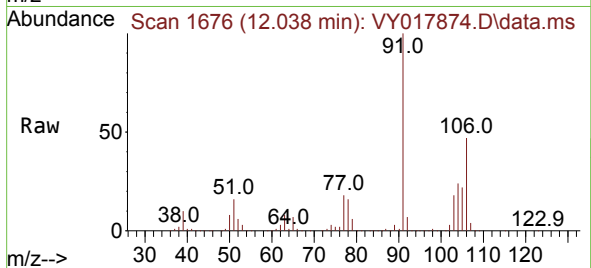
VSTDCCC050EC

Tgt Ion:106 Resp: 133687

Ion Ratio Lower Upper

106 100

91 208.6 103.6 310.8



#70

Styrene

Concen: 54.812 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

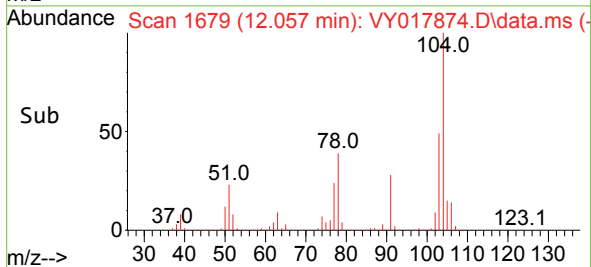
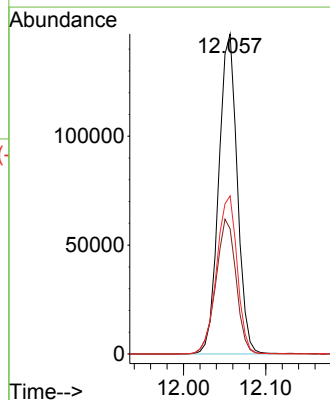
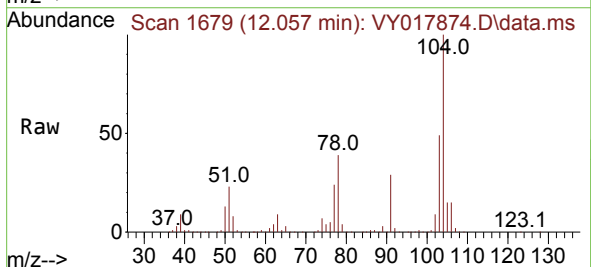
Tgt Ion:104 Resp: 230334

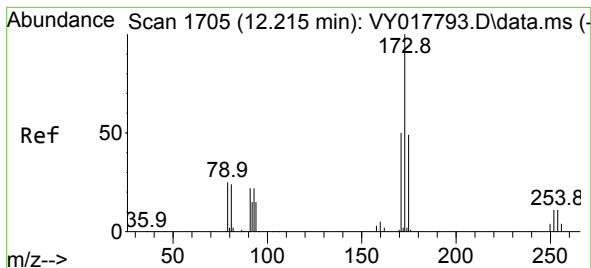
Ion Ratio Lower Upper

104 100

78 46.1 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 45.245 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

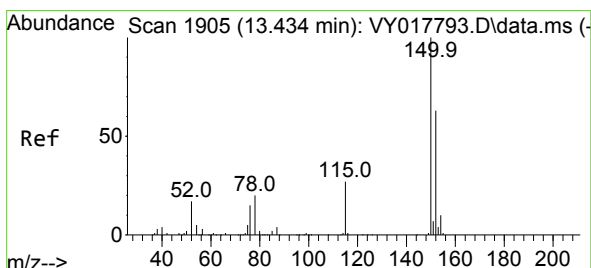
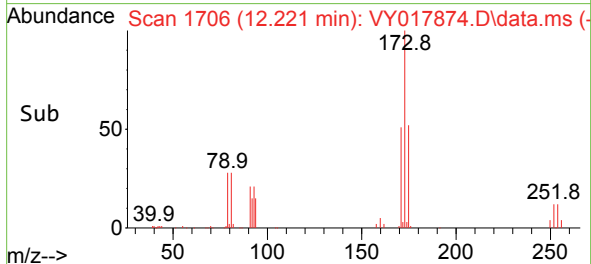
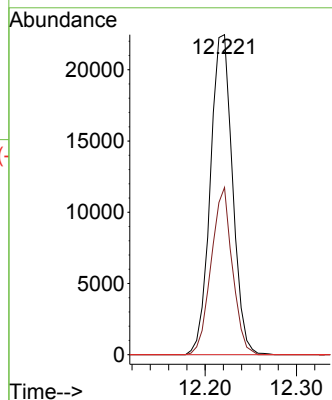
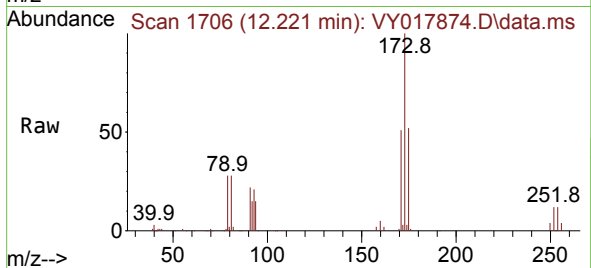
Tgt Ion:173 Resp: 37812

Ion Ratio Lower Upper

173 100

175 49.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

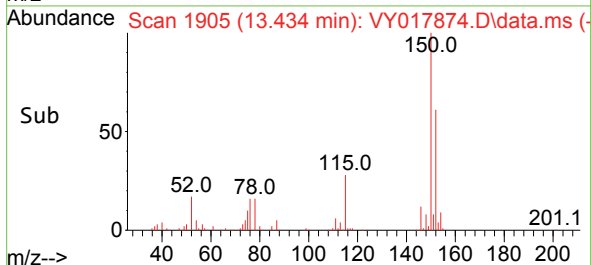
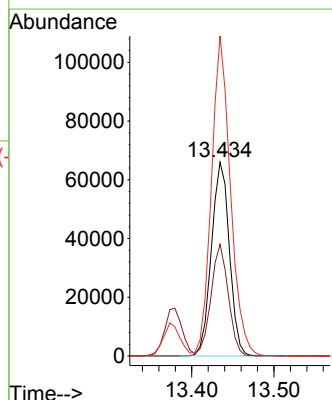
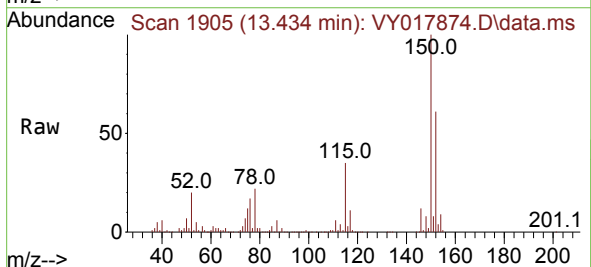
Tgt Ion:152 Resp: 100333

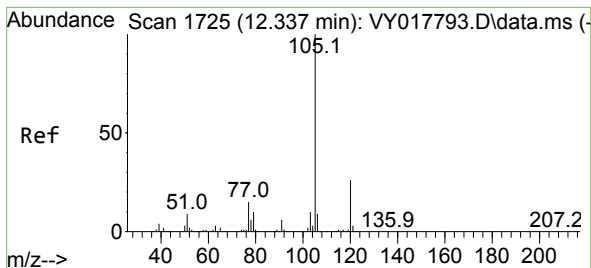
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 174.4 0.0 345.6





#73

Isopropylbenzene

Concen: 50.230 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

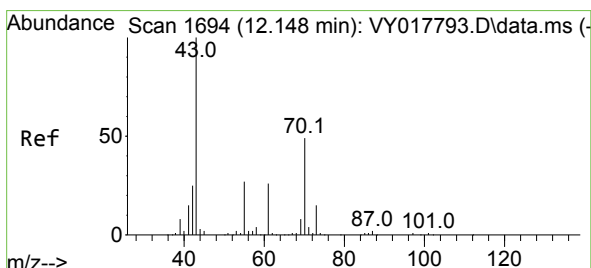
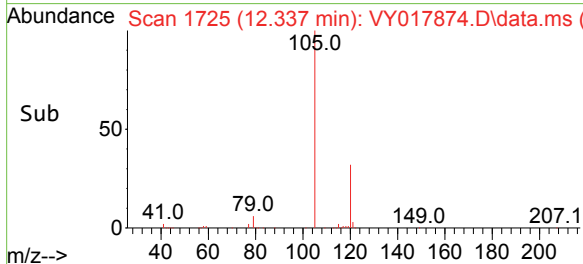
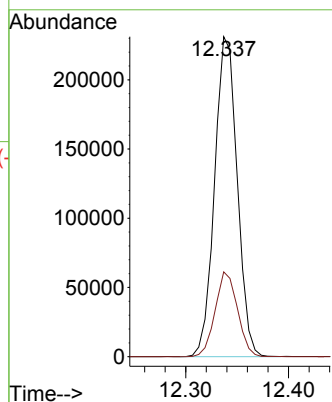
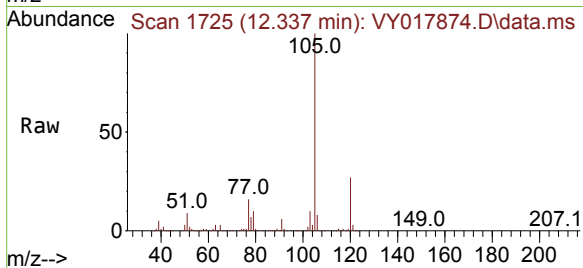
VSTDCCC050EC

Tgt Ion:105 Resp: 353185

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 47.921 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Tgt Ion: 43 Resp: 63064

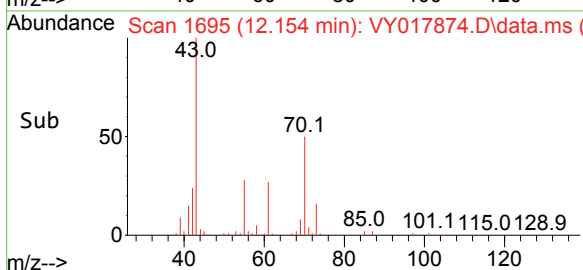
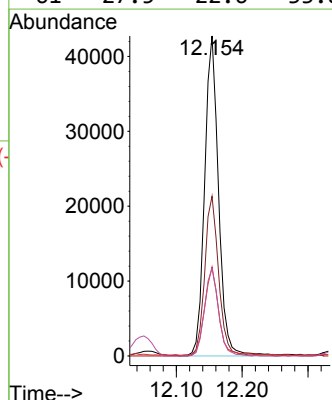
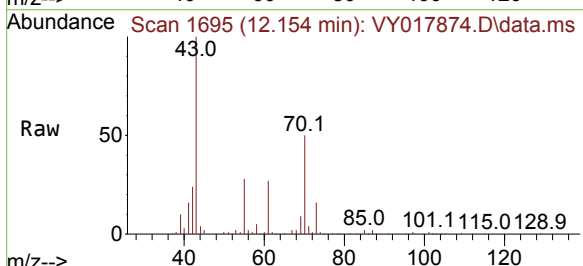
Ion Ratio Lower Upper

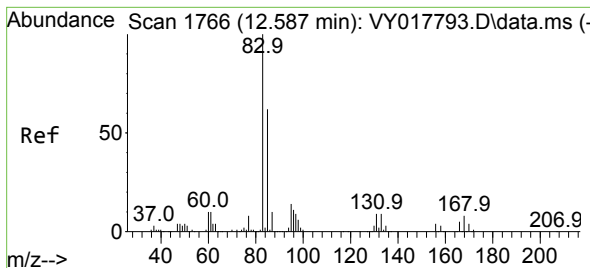
43 100

70 49.9 41.4 62.2

55 27.2 23.3 34.9

61 27.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.396 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

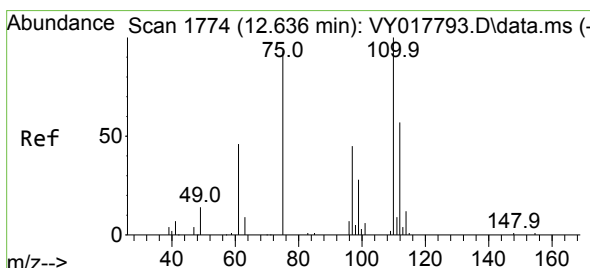
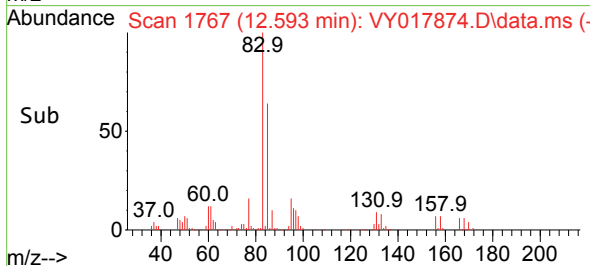
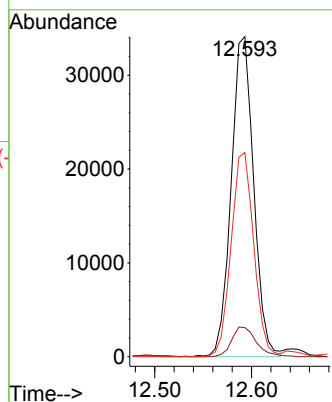
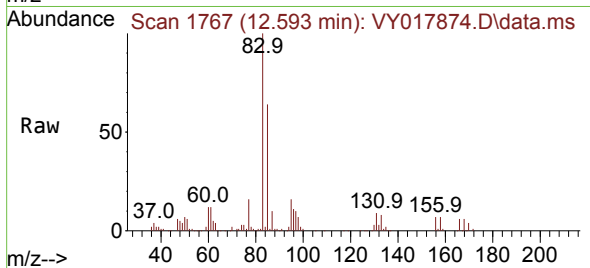
Tgt Ion: 83 Resp: 55215

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 80.252 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017874.D

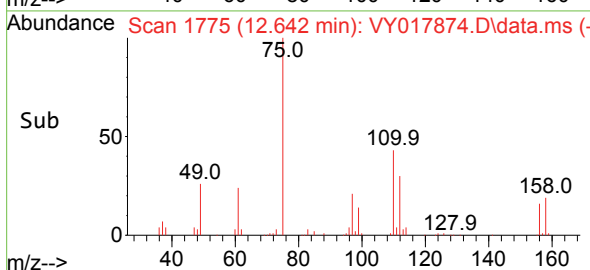
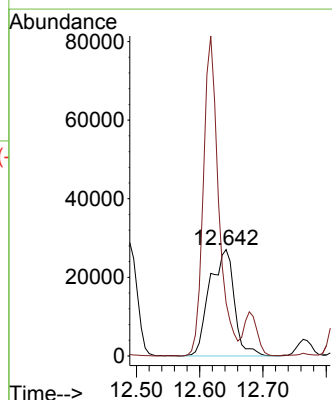
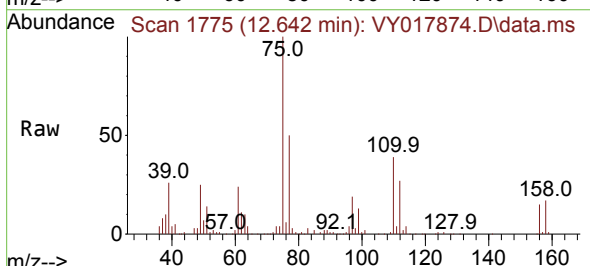
Acq: 05 Apr 2024 16:27

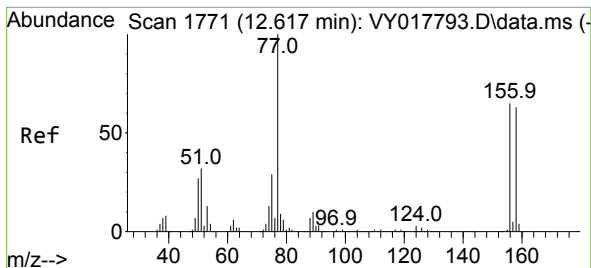
Tgt Ion: 75 Resp: 73374

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.061 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

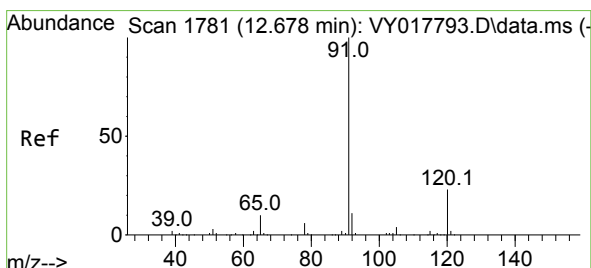
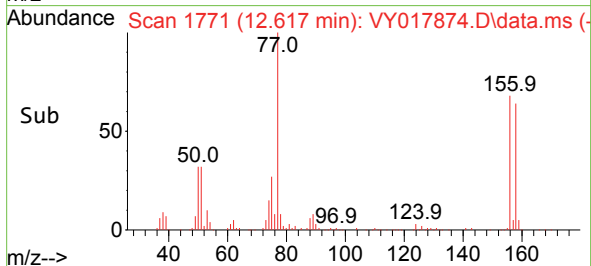
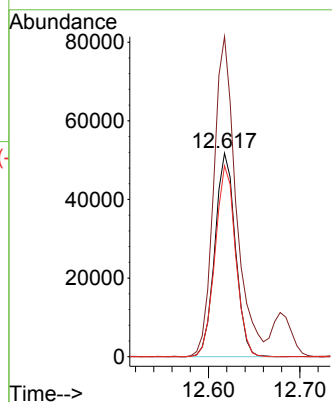
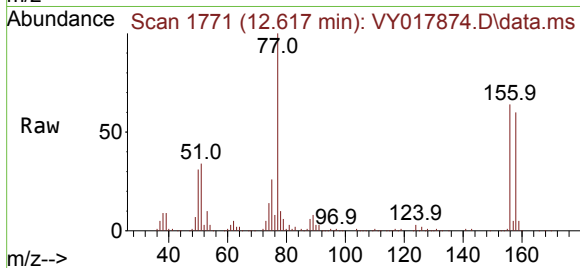
Tgt Ion:156 Resp: 80483

Ion Ratio Lower Upper

156 100

77 171.8 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 49.244 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017874.D

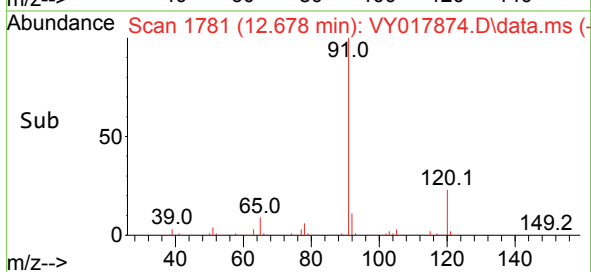
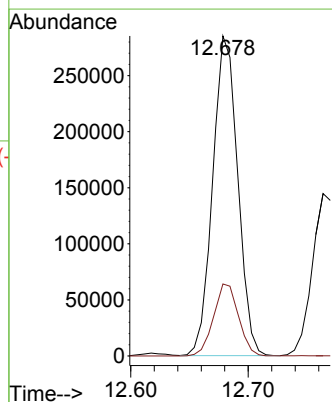
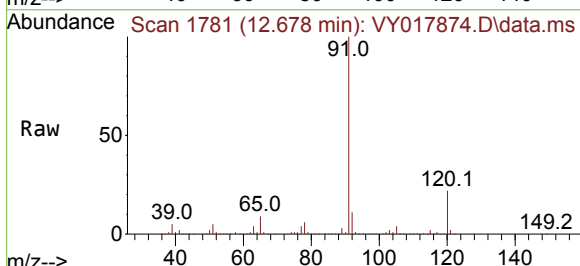
Acq: 05 Apr 2024 16:27

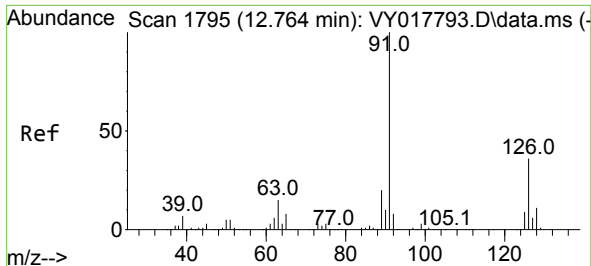
Tgt Ion: 91 Resp: 422496

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

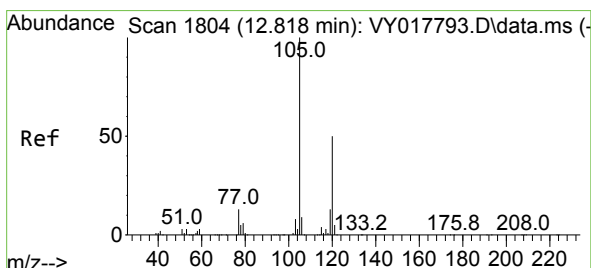
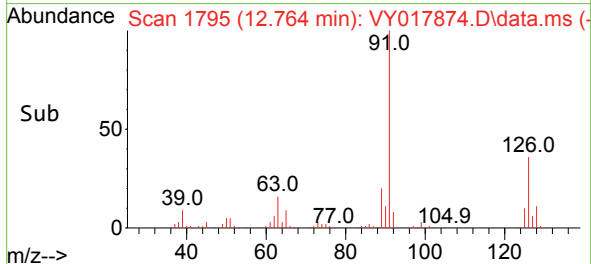
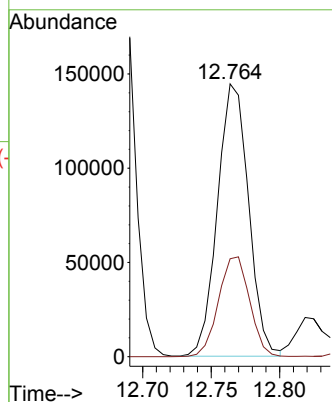
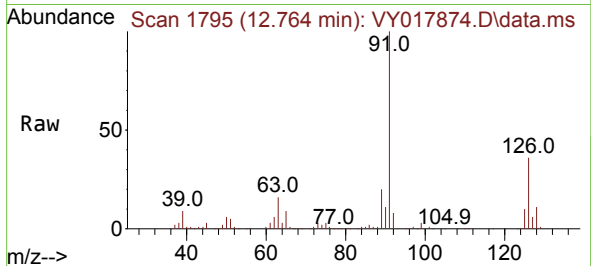




#79
2-Chlorotoluene
Concen: 48.672 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

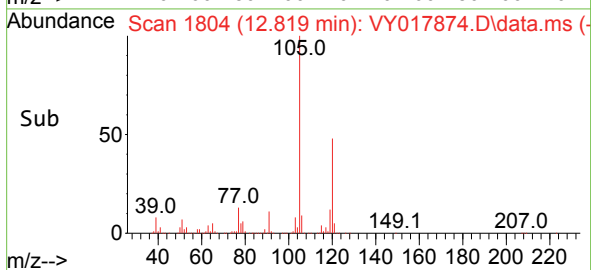
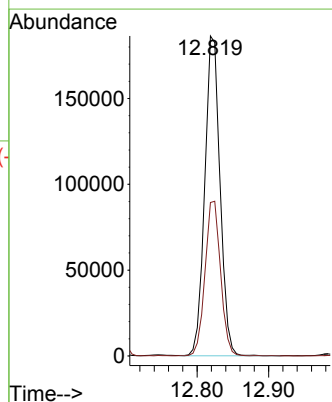
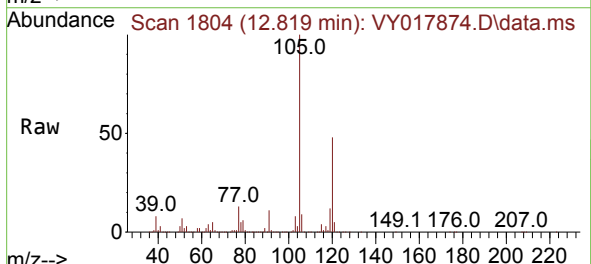
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

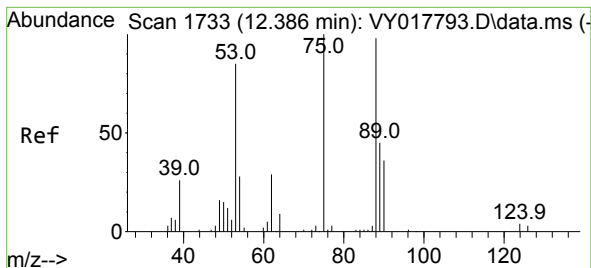
Tgt Ion: 91 Resp: 228735
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.425 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 105 Resp: 276704
Ion Ratio Lower Upper
105 100
120 49.1 25.1 75.2

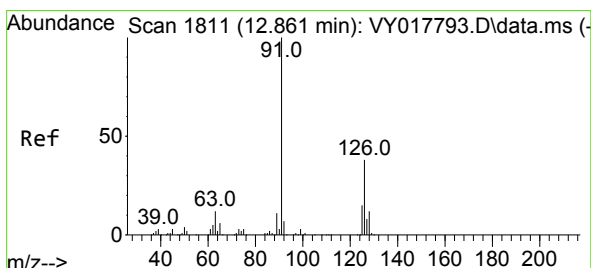
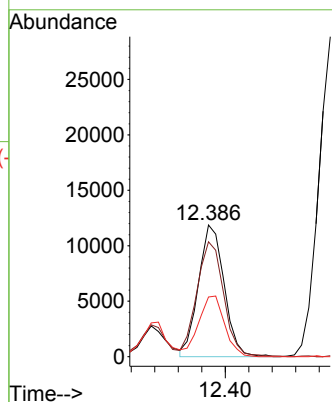
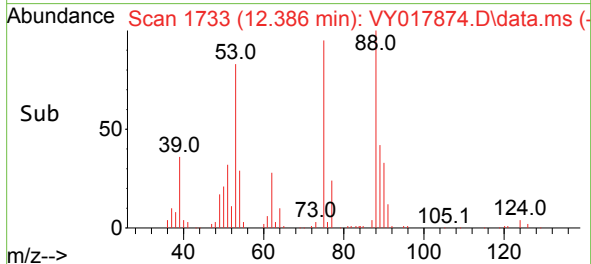
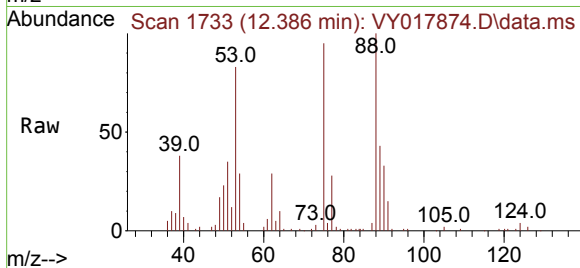




#81
trans-1,4-Dichloro-2-butene
Concen: 46.432 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

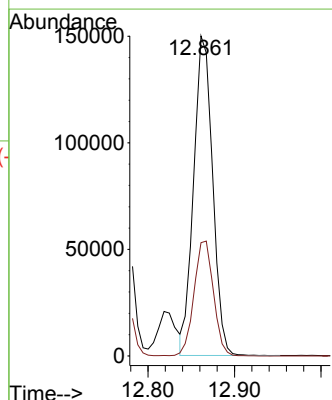
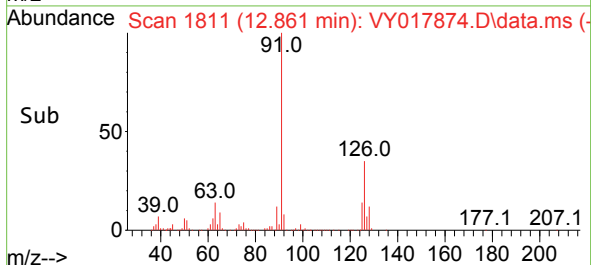
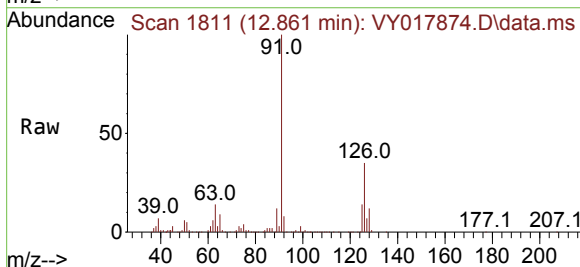
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

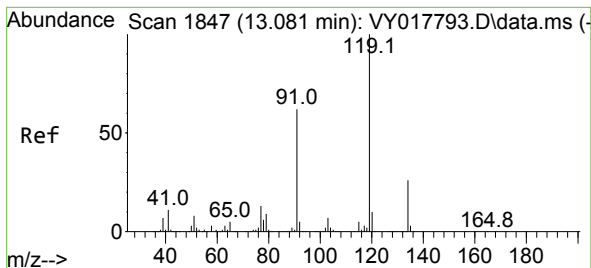
Tgt Ion:	75	Resp:	17993
Ion	Ratio	Lower	Upper
75	100		
53	91.5	66.8	100.2
89	46.9	35.8	53.6



#82
4-Chlorotoluene
Concen: 46.912 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion:	91	Resp:	228281
Ion	Ratio	Lower	Upper
91	100		
126	37.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 50.476 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

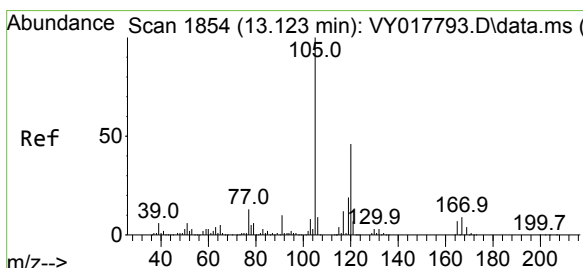
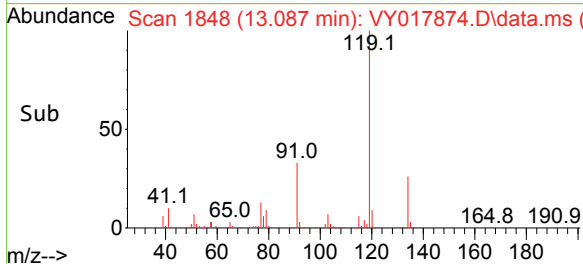
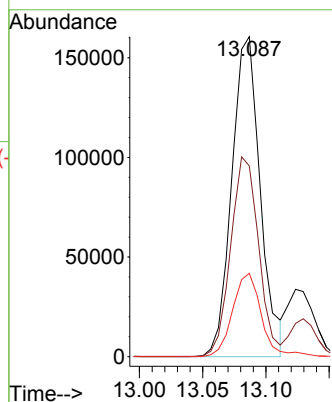
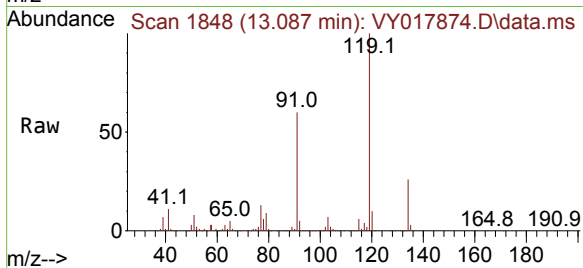
Tgt Ion:119 Resp: 251821

Ion Ratio Lower Upper

119 100

91 61.2 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.359 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017874.D

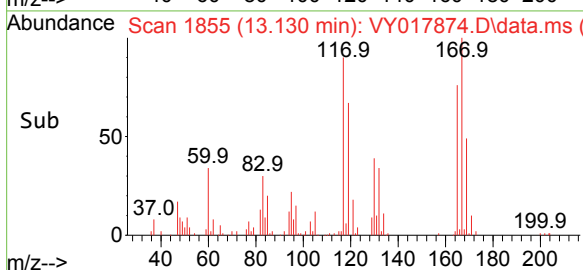
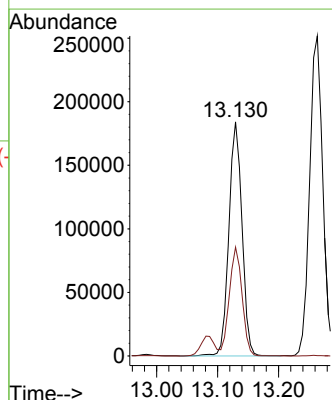
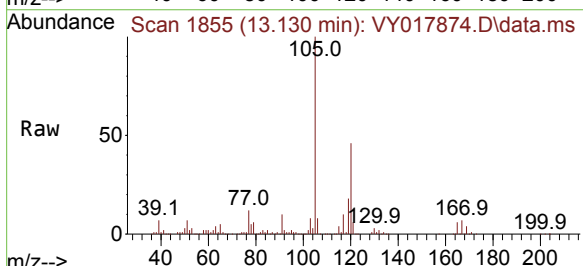
Acq: 05 Apr 2024 16:27

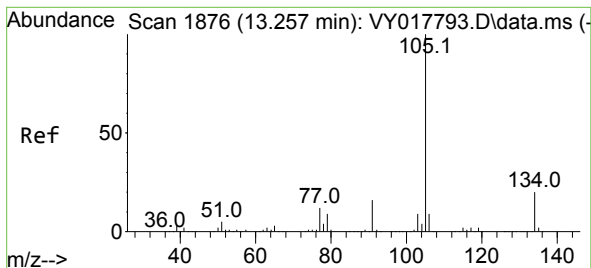
Tgt Ion:105 Resp: 275222

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.931 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

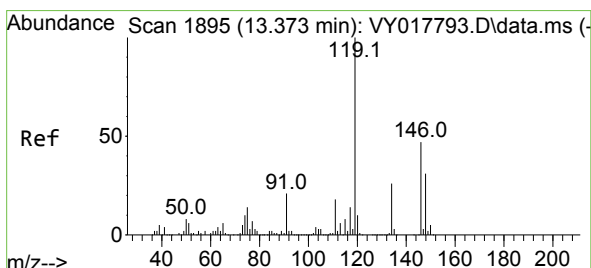
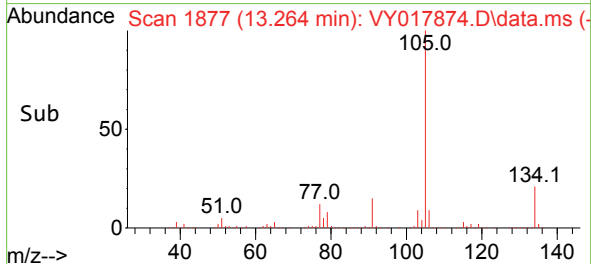
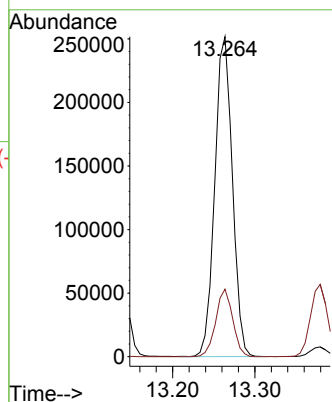
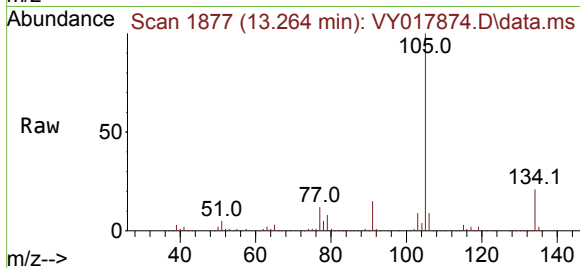
VSTDCCC050EC

Tgt Ion:105 Resp: 373883

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.882 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

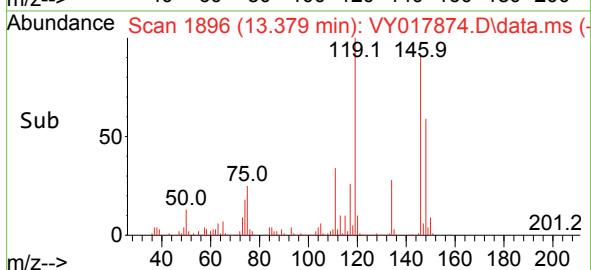
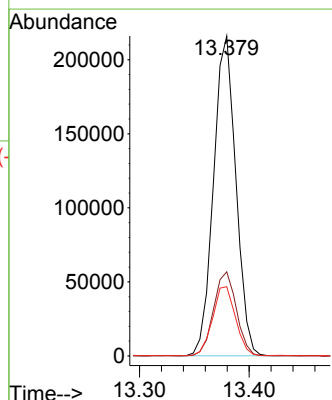
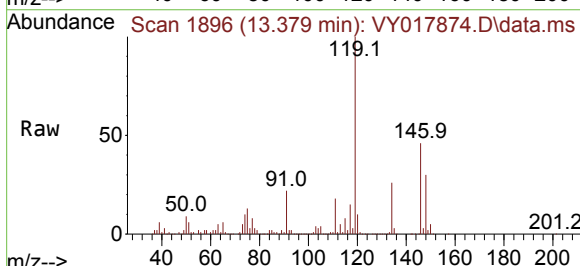
Tgt Ion:119 Resp: 305951

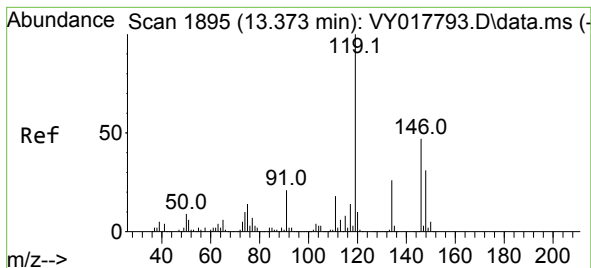
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 47.870 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

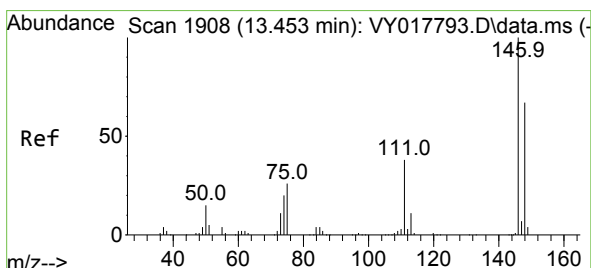
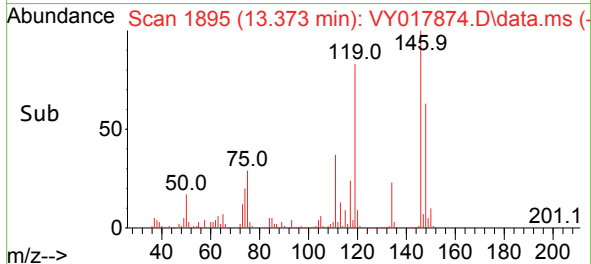
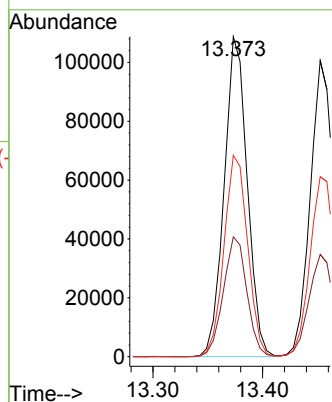
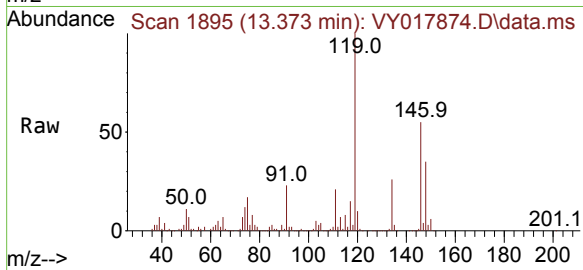
Tgt Ion:146 Resp: 159068

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.829 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

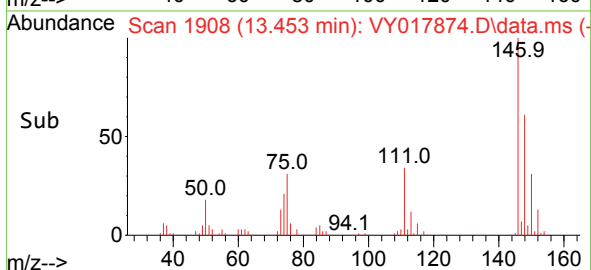
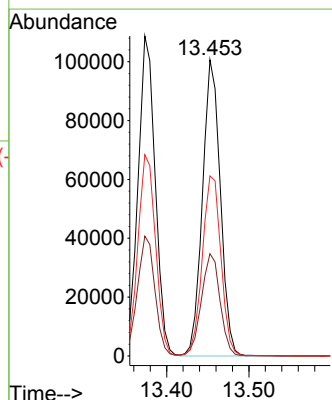
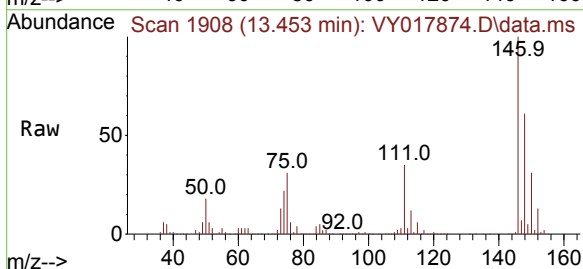
Tgt Ion:146 Resp: 152122

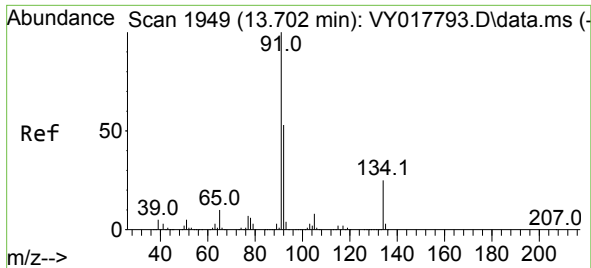
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 63.3 32.4 97.2

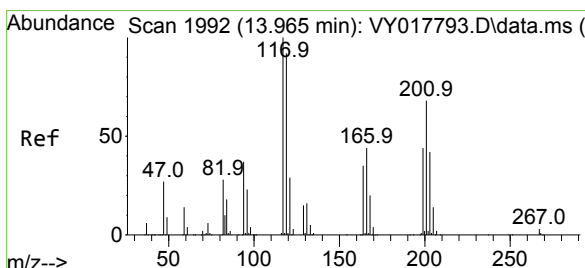
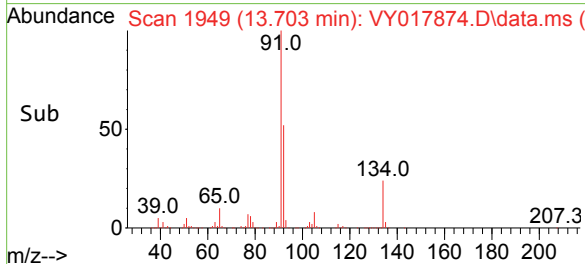
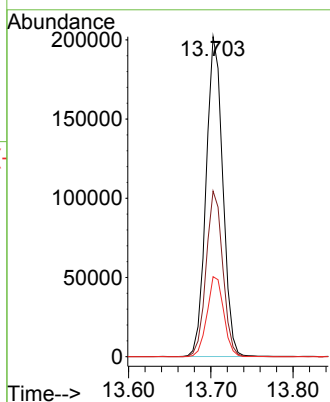
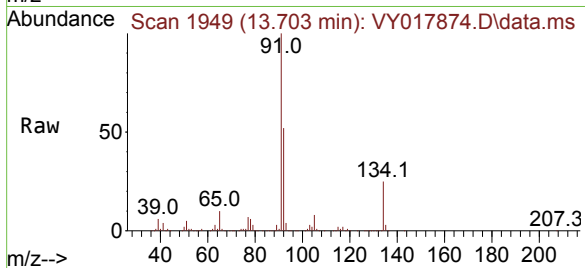




#89
n-Butylbenzene
Concen: 49.543 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

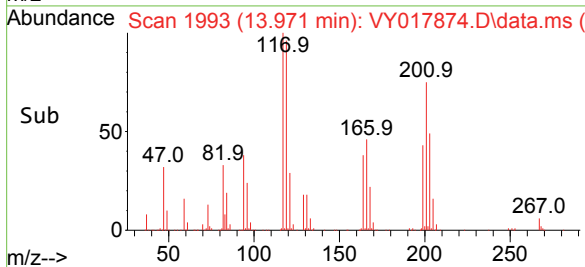
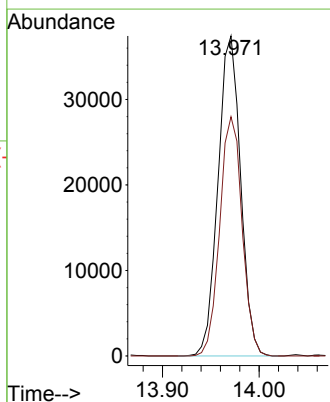
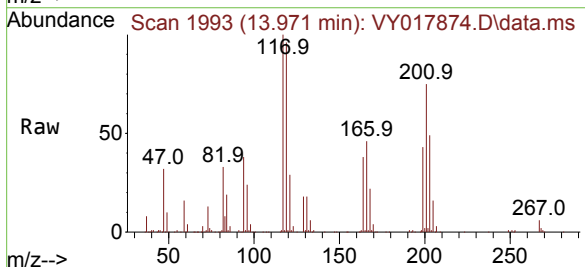
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

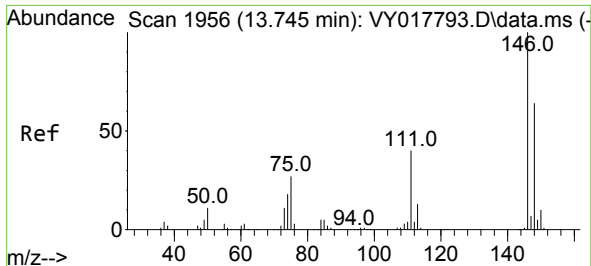
Tgt Ion: 91 Resp: 285295
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 25.1 12.9 38.7



#90
Hexachloroethane
Concen: 48.708 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 117 Resp: 60621
Ion Ratio Lower Upper
117 100
201 74.1 37.4 112.2

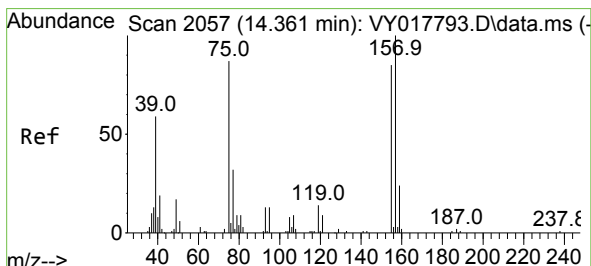
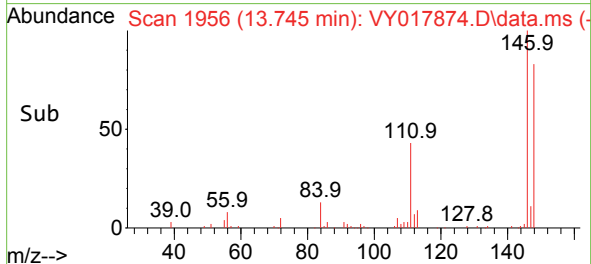
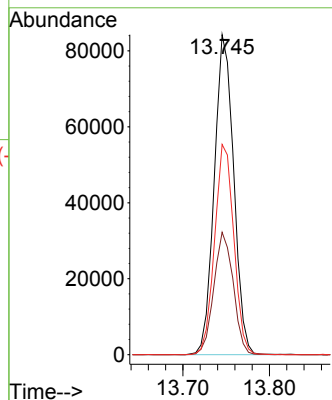
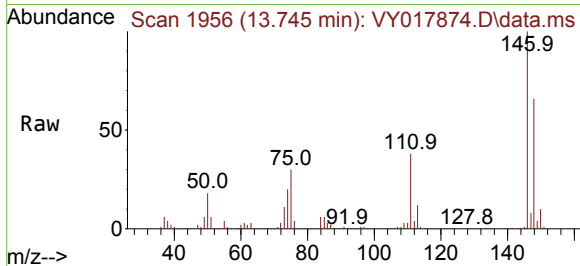




#91
1,2-Dichlorobenzene
Concen: 47.676 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

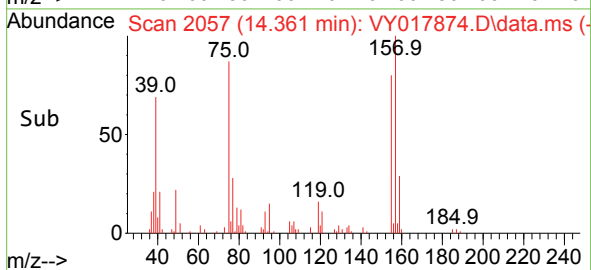
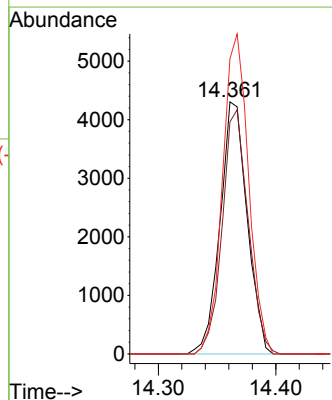
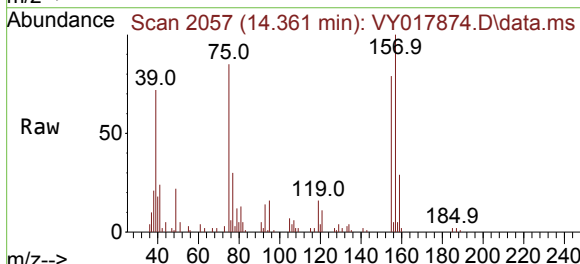
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

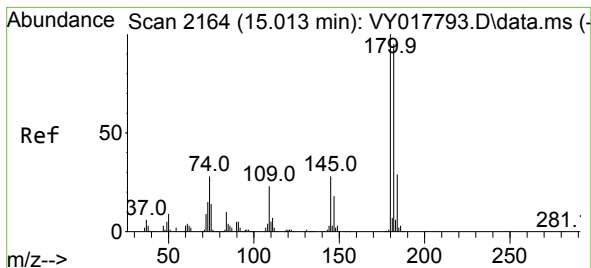
Tgt Ion:146 Resp: 131318
Ion Ratio Lower Upper
146 100
111 38.2 19.9 59.7
148 65.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.926 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017874.D
Acq: 05 Apr 2024 16:27

Tgt Ion: 75 Resp: 6891
Ion Ratio Lower Upper
75 100
155 93.0 48.6 145.8
157 121.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.985 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

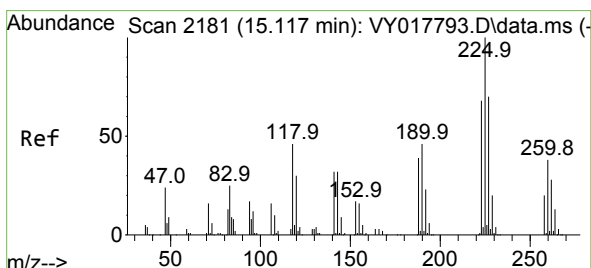
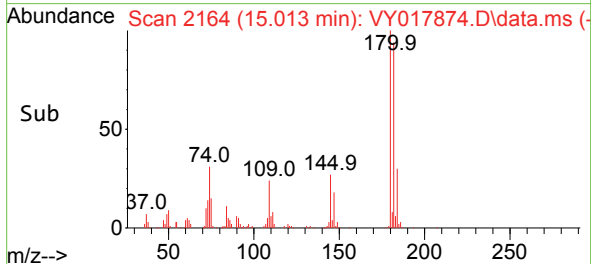
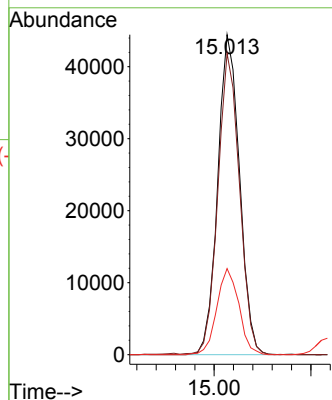
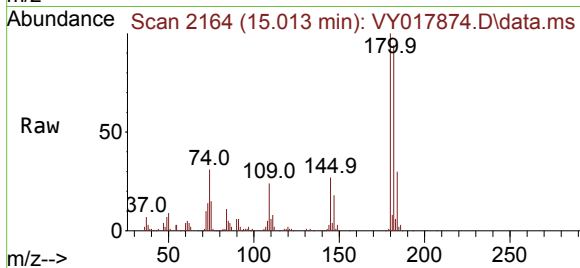
Tgt Ion:180 Resp: 69376

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

145 27.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.849 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

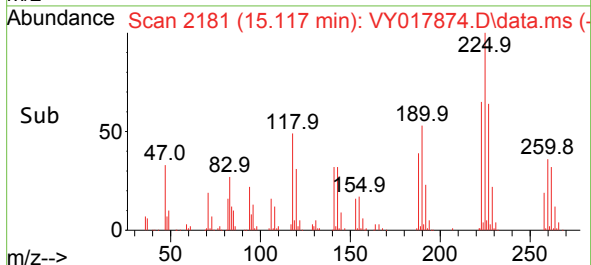
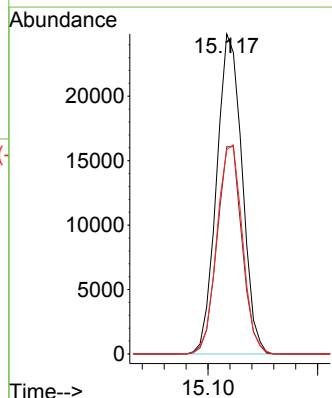
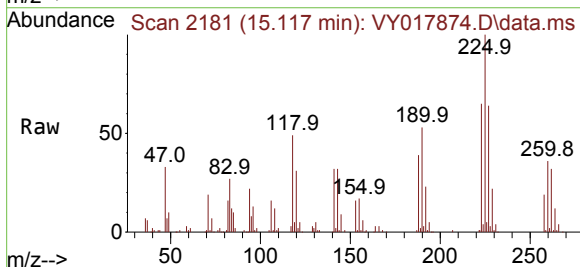
Tgt Ion:225 Resp: 40103

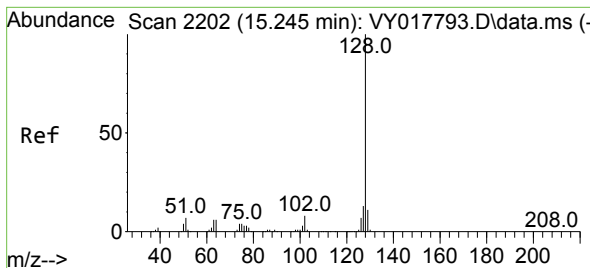
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 65.7 31.9 95.9





#95

Naphthalene

Concen: 48.077 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

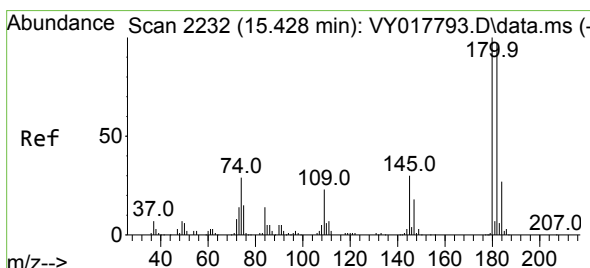
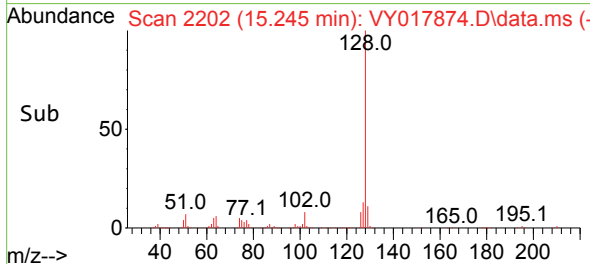
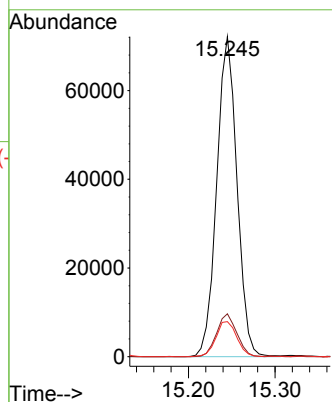
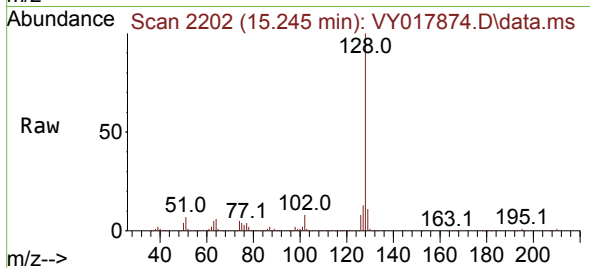
Tgt Ion:128 Resp: 117305

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.564 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017874.D

Acq: 05 Apr 2024 16:27

Tgt Ion:180 Resp: 58065

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 28.7 15.4 46.1

