

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017810.D
 Acq On : 01 Apr 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 03:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	203970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	141125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84568	47.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.820%
35) Dibromofluoromethane	7.722	113	88673	47.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.185	98	349101	49.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.489	95	107550	50.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69638	51.051	ug/l	99
3) Chloromethane	2.113	50	154189	57.915	ug/l	98
4) Vinyl Chloride	2.253	62	208006	59.783	ug/l	99
5) Bromomethane	2.650	94	160741	57.137	ug/l	97
6) Chloroethane	2.796	64	140077	61.705	ug/l	99
7) Trichlorofluoromethane	3.125	101	191987	56.582	ug/l	95
8) Diethyl Ether	3.527	74	51708	51.880	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	104779	51.492	ug/l	97
10) Methyl Iodide	4.088	142	125110	56.538	ug/l	99
11) Tert butyl alcohol	4.948	59	30266	232.341	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	99328	52.164	ug/l	90
13) Acrolein	3.729	56	30551	247.061	ug/l	98
14) Allyl chloride	4.479	41	129573	55.467	ug/l	98
15) Acrylonitrile	5.161	53	105194	250.033	ug/l	99
16) Acetone	3.942	43	86826	237.981	ug/l	91
17) Carbon Disulfide	4.192	76	288724	53.581	ug/l	97
18) Methyl Acetate	4.479	43	41112	50.874	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	229422	52.622	ug/l	99
20) Methylene Chloride	4.716	84	112902	50.527	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	109684	53.830	ug/l	97
22) Diisopropyl ether	6.118	45	309705	57.360	ug/l	97
23) Vinyl Acetate	6.058	43	896432	271.927	ug/l	99
24) 1,1-Dichloroethane	6.015	63	199818	55.758	ug/l	96
25) 2-Butanone	6.984	43	128024	246.320	ug/l	92
26) 2,2-Dichloropropane	6.984	77	165312	53.408	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	131609	54.653	ug/l	95
28) Bromochloromethane	7.338	49	72046	49.437	ug/l	90
29) Tetrahydrofuran	7.350	42	79446	254.745	ug/l	95
30) Chloroform	7.508	83	206594	55.562	ug/l	98
31) Cyclohexane	7.789	56	162642	52.307	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	173039	54.678	ug/l	96
36) 1,1-Dichloropropene	7.923	75	148341	54.318	ug/l	97
37) Ethyl Acetate	7.076	43	57915	49.141	ug/l	99
38) Carbon Tetrachloride	7.905	117	153042	53.981	ug/l	99
39) Methylcyclohexane	9.185	83	184897	54.202	ug/l	97
40) Benzene	8.161	78	467774	55.579	ug/l	100

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 02 03:22:04 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)
41) Methacrylonitrile	7.350	41	76658	96.512	ug/l #	25
42) 1,2-Dichloroethane	8.240	62	112467	54.292	ug/l	98
43) Isopropyl Acetate	8.277	43	107977	50.485	ug/l	98
44) Trichloroethene	8.941	130	117206	53.526	ug/l	95
45) 1,2-Dichloropropane	9.222	63	108786	55.625	ug/l	97
46) Dibromomethane	9.307	93	59705	53.735	ug/l	98
47) Bromodichloromethane	9.502	83	155673	55.449	ug/l	98
48) Methyl methacrylate	9.295	41	50713	54.979	ug/l	95
49) 1,4-Dioxane	9.301	88	12578	1008.400	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	294789	274.145	ug/l	98
52) Toluene	10.246	92	291750	57.149	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	138868	55.708	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	168085	55.248	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	79416	53.641	ug/l	95
56) Ethyl methacrylate	10.514	69	102881	55.540	ug/l	93
57) 1,3-Dichloropropane	10.794	76	137590	54.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	257347	274.897	ug/l	98
59) 2-Hexanone	10.837	43	203136	266.608	ug/l	97
60) Dibromochloromethane	10.990	129	103567	55.464	ug/l	100
61) 1,2-Dibromoethane	11.093	107	71013	52.602	ug/l	99
64) Tetrachloroethene	10.721	164	137716	54.765	ug/l	96
65) Chlorobenzene	11.520	112	318067	53.779	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	109487	54.521	ug/l	99
67) Ethyl Benzene	11.599	91	574992	56.555	ug/l	100
68) m/p-Xylenes	11.709	106	436644	113.244	ug/l	97
69) o-Xylene	12.032	106	203479	61.179	ug/l	98
70) Styrene	12.050	104	346801	60.621	ug/l	99
71) Bromoform	12.215	173	57491	51.648	ug/l #	98
73) Isopropylbenzene	12.337	105	532352	53.827	ug/l	99
74) N-amyl acetate	12.148	43	98703	52.426	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	82141	48.013	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	110363	85.818	ug/l #	100
77) Bromobenzene	12.611	156	120261	51.056	ug/l	98
78) n-propylbenzene	12.678	91	658586	54.574	ug/l	100
79) 2-Chlorotoluene	12.764	91	357108	54.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	422376	54.723	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27707	50.198	ug/l	93
82) 4-Chlorotoluene	12.861	91	364122	53.198	ug/l	99
83) tert-Butylbenzene	13.081	119	384065	54.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	423534	55.096	ug/l	100
85) sec-Butylbenzene	13.257	105	581467	55.208	ug/l	100
86) p-Isopropyltoluene	13.373	119	488221	55.457	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	248164	53.096	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	236730	52.917	ug/l	99
89) n-Butylbenzene	13.702	91	459242	56.699	ug/l	99
90) Hexachloroethane	13.965	117	94276	53.854	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	206815	53.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10875	47.040	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	113099	53.297	ug/l	99
94) Hexachlorobutadiene	15.117	225	68420	53.187	ug/l	98
95) Naphthalene	15.239	128	177873	51.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	93202	51.996	ug/l	99

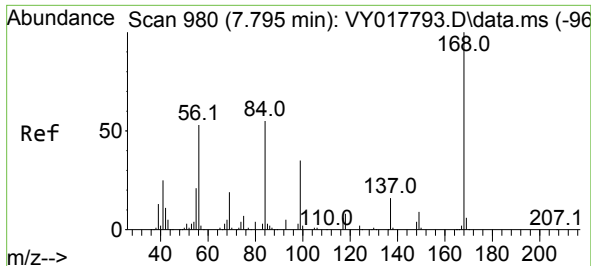
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
Data File : VY017810.D
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Operator : SY/MD
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 02 03:22:04 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)
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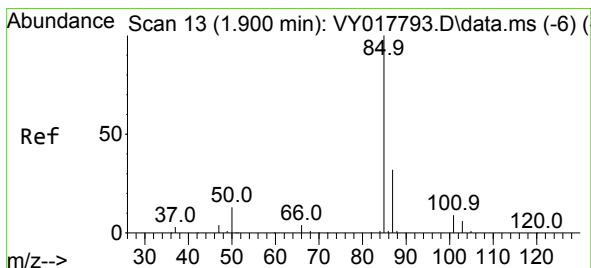
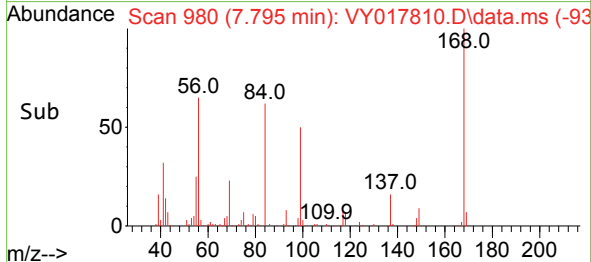
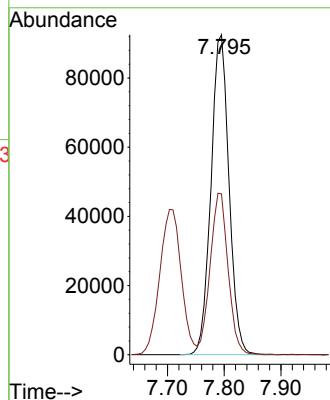
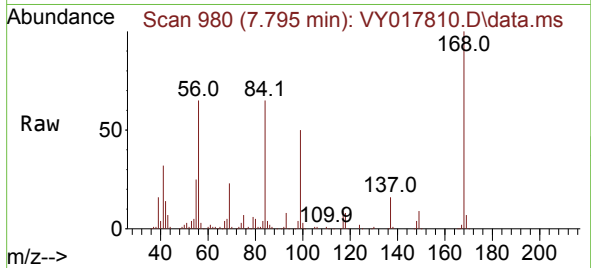
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

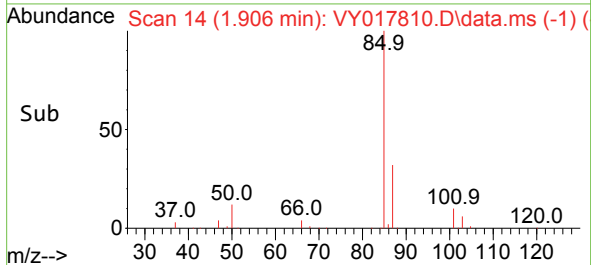
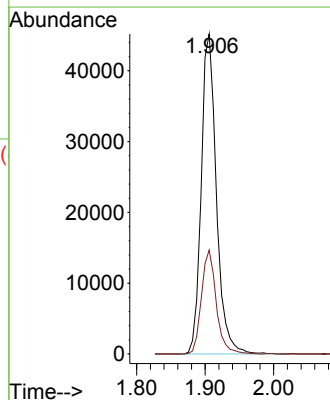
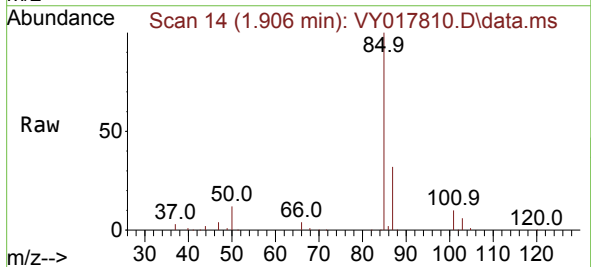
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ClientSampleId :
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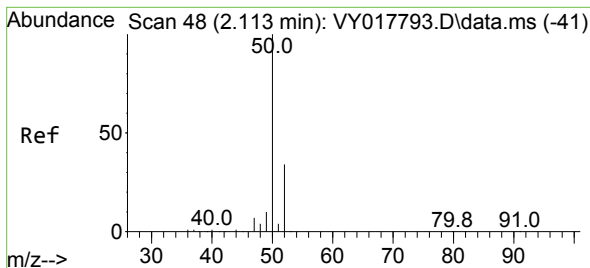
Tgt Ion:168 Resp: 203970
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 51.051 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 85 Resp: 69638
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0





#3

Chloromethane

Concen: 57.915 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

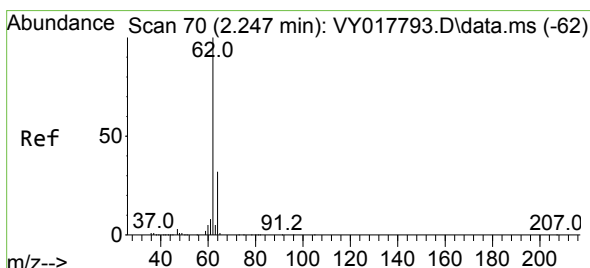
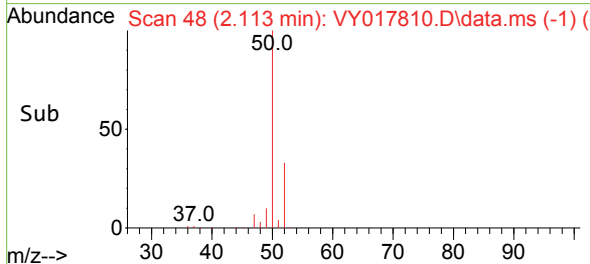
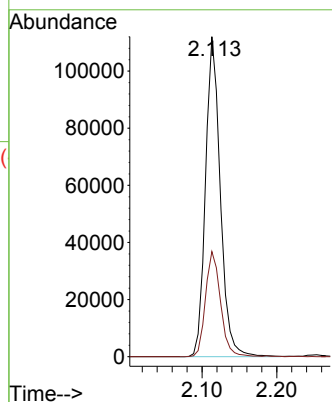
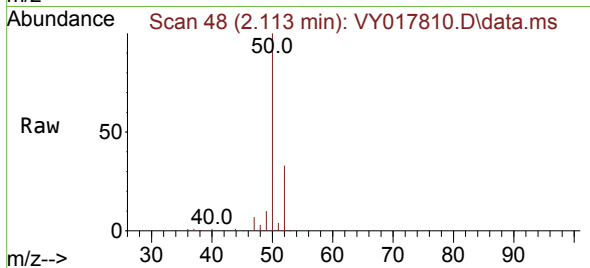
VSTDCCC050EC

Tgt Ion: 50 Resp: 154189

Ion Ratio Lower Upper

50 100

52 32.9 25.6 38.4



#4

Vinyl Chloride

Concen: 59.783 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017810.D

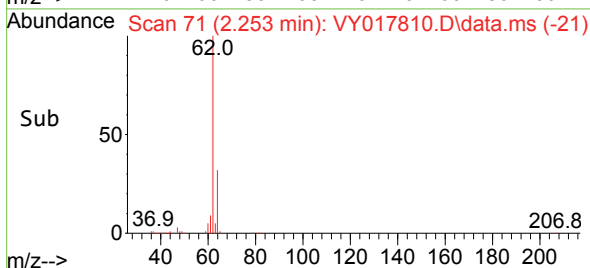
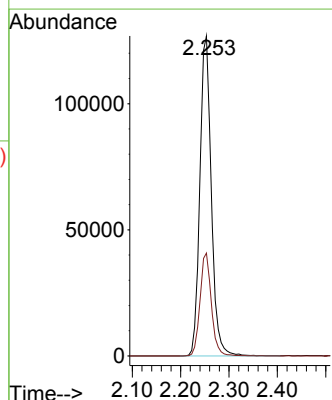
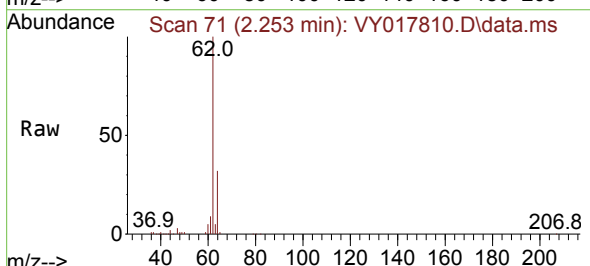
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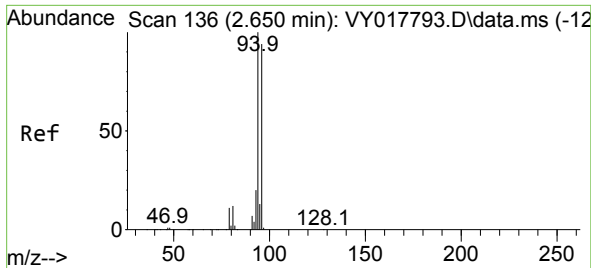
Tgt Ion: 62 Resp: 208006

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1

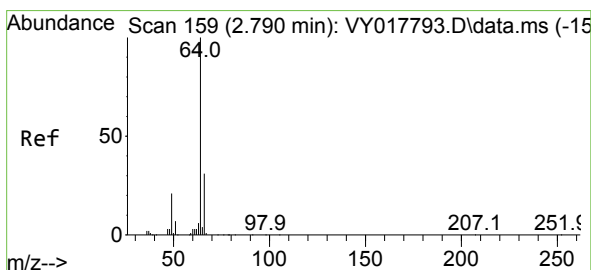
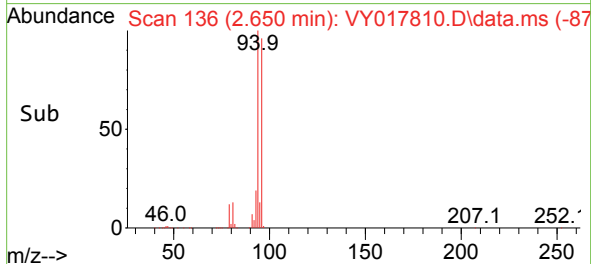
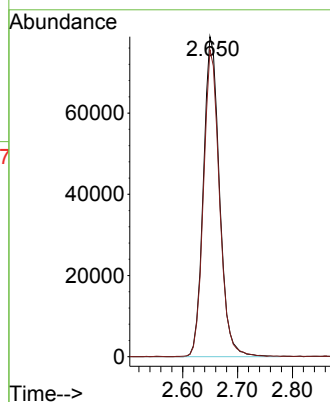
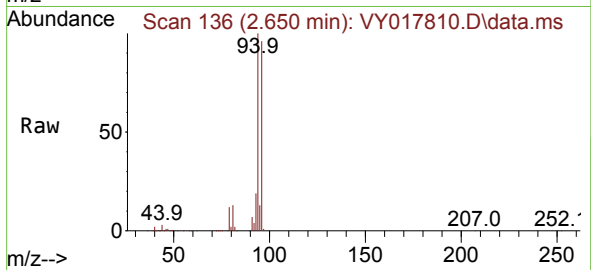




#5
Bromomethane
Concen: 57.137 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

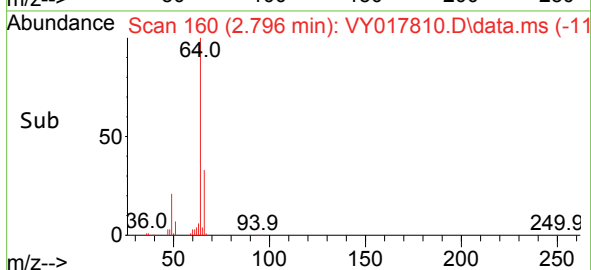
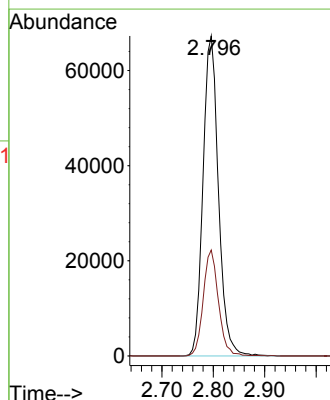
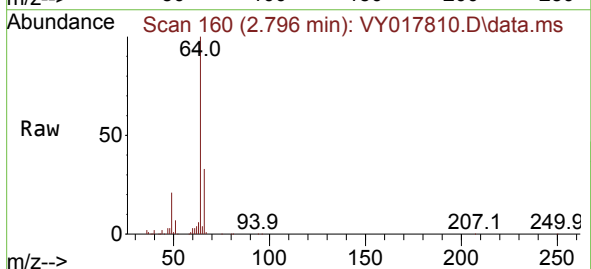
Instrument :
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VSTDCCC050EC

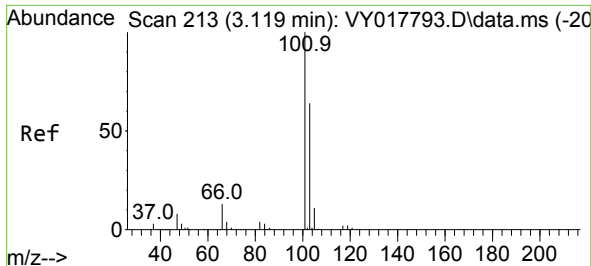
Tgt Ion: 94 Resp: 160741
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 61.705 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 64 Resp: 140077
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

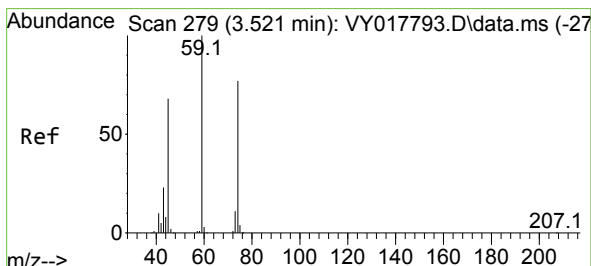
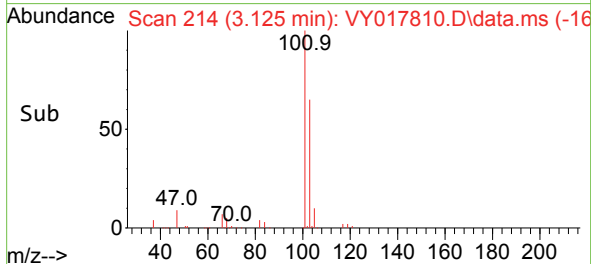
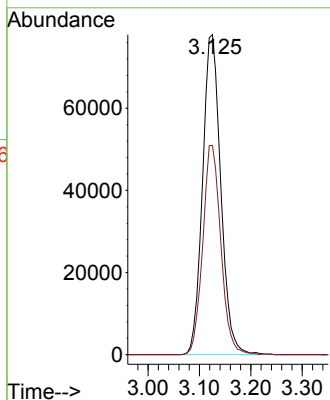
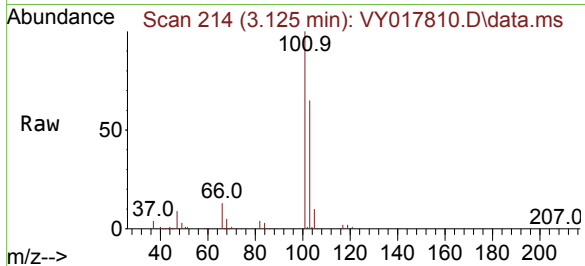




#7
Trichlorofluoromethane
Concen: 56.582 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

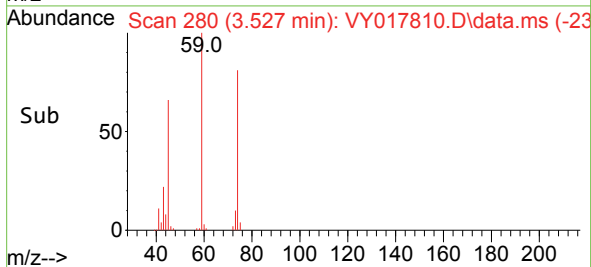
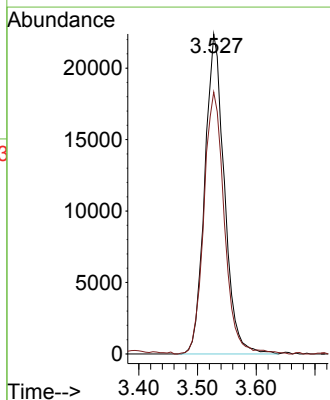
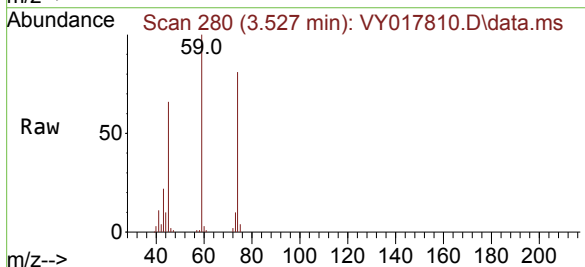
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

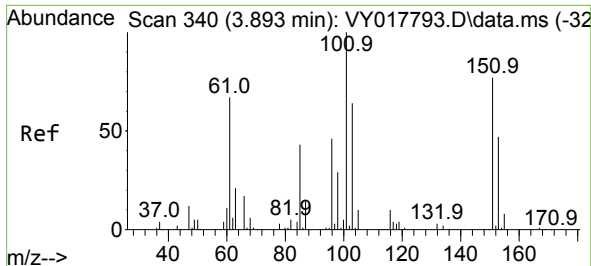
Tgt Ion:101 Resp: 191987
Ion Ratio Lower Upper
101 100
103 65.4 49.3 73.9



#8
Diethyl Ether
Concen: 51.880 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 74 Resp: 51708
Ion Ratio Lower Upper
74 100
45 85.7 41.3 124.1

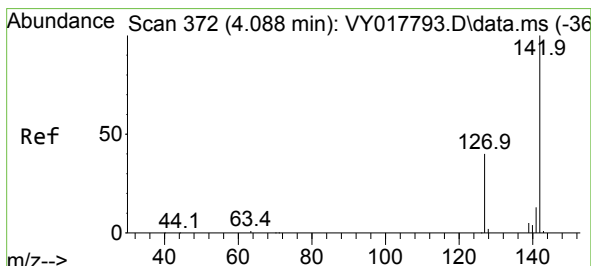
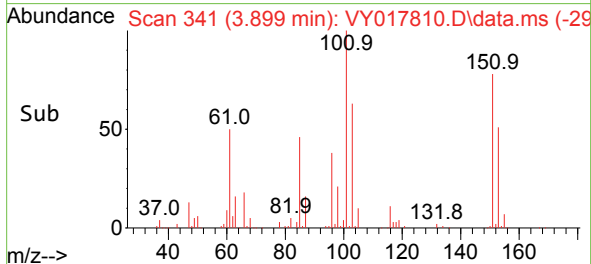
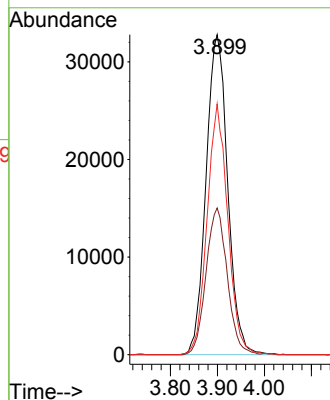
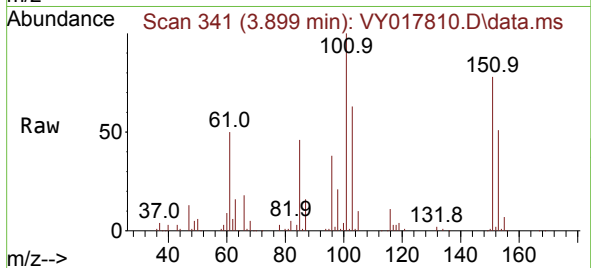




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.492 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

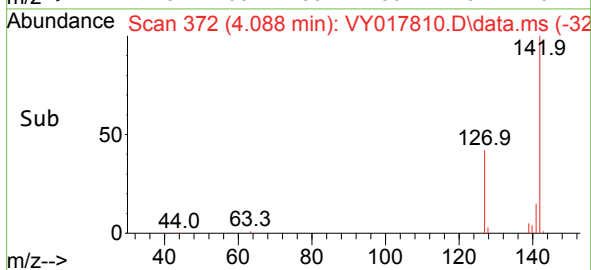
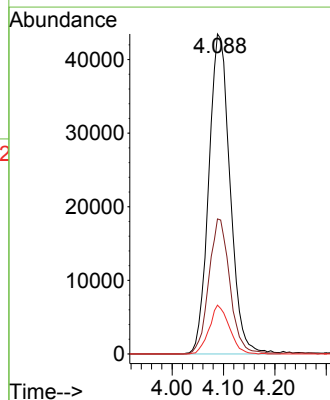
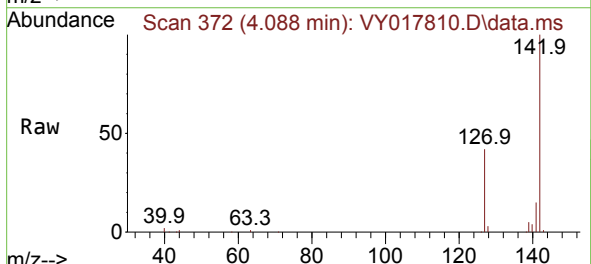
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

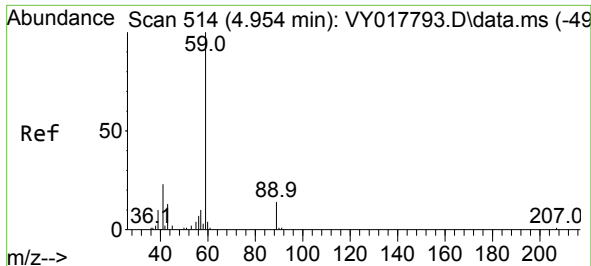
Tgt Ion:101 Resp: 104779
Ion Ratio Lower Upper
101 100
85 45.1 34.5 51.7
151 74.8 61.7 92.5



#10
Methyl Iodide
Concen: 56.538 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion:142 Resp: 125110
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.4 11.4 17.2

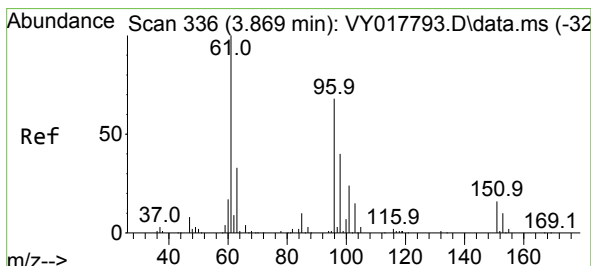
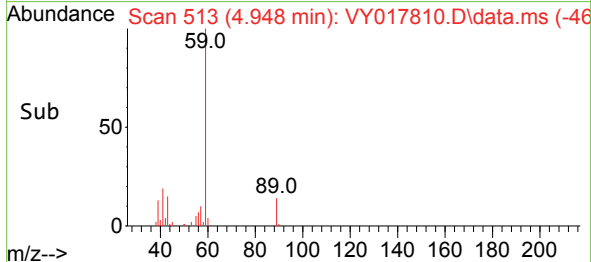
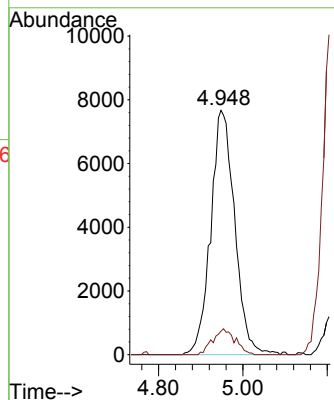
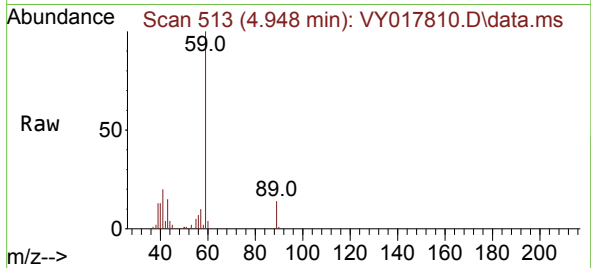




#11
Tert butyl alcohol
Concen: 232.341 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

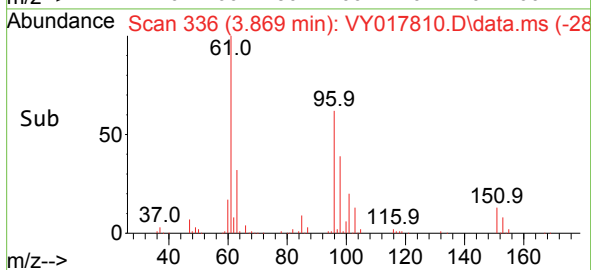
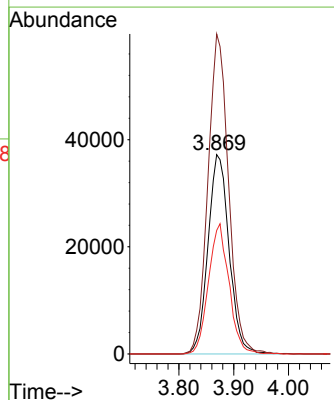
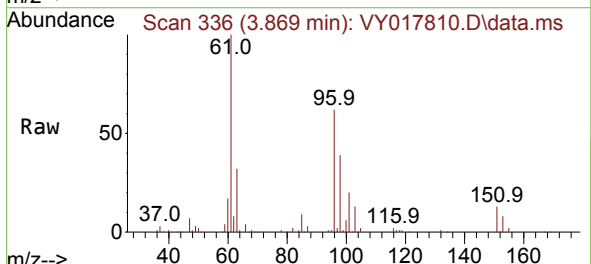
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

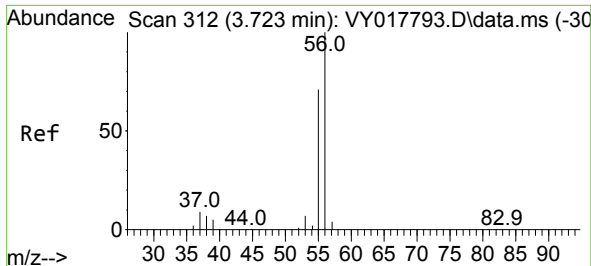
Tgt Ion: 59 Resp: 30266
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 52.164 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 96 Resp: 99328
Ion Ratio Lower Upper
96 100
61 160.5 114.6 171.8
98 62.0 50.8 76.2





#13

Acrolein

Concen: 247.061 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

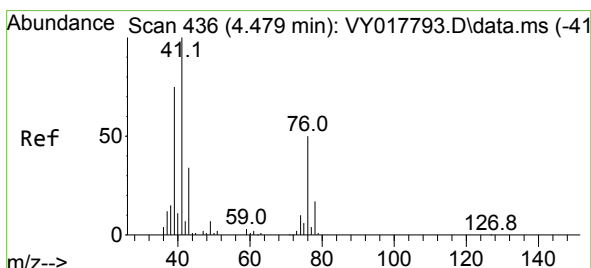
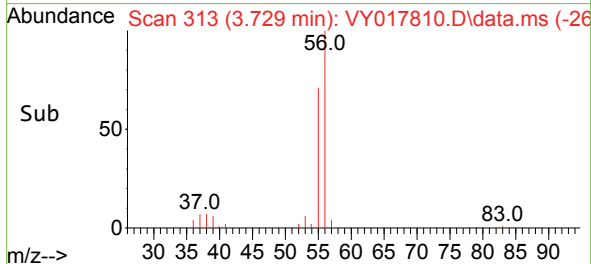
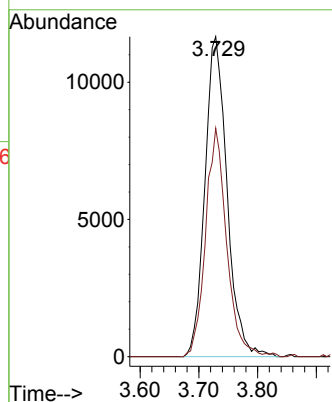
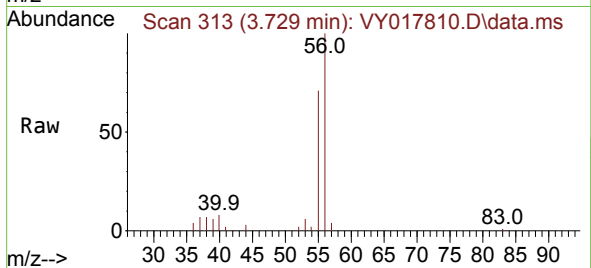
VSTDCCC050EC

Tgt Ion: 56 Resp: 30551

Ion Ratio Lower Upper

56 100

55 67.6 55.7 83.5



#14

Allyl chloride

Concen: 55.467 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

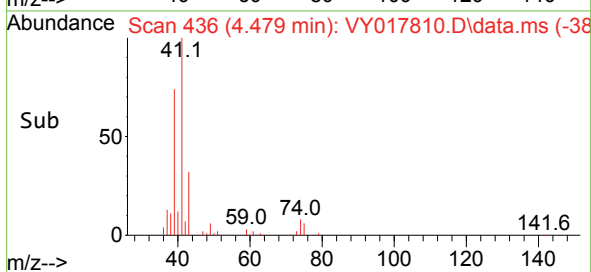
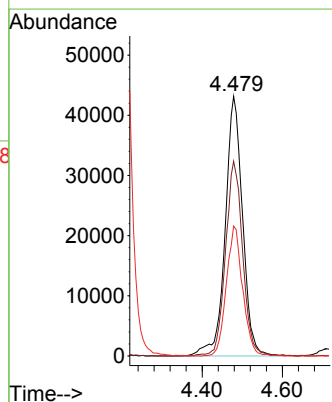
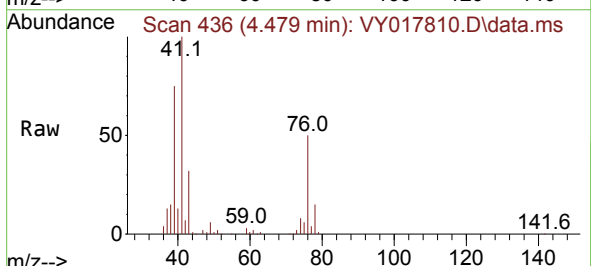
Tgt Ion: 41 Resp: 129573

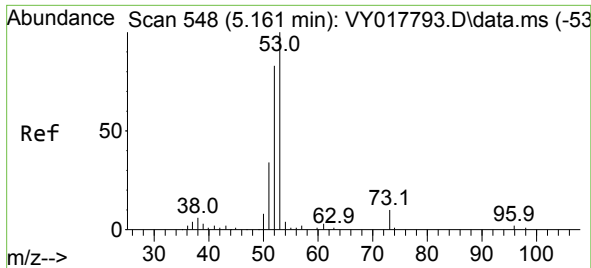
Ion Ratio Lower Upper

41 100

39 74.2 58.3 87.5

76 47.1 39.0 58.6

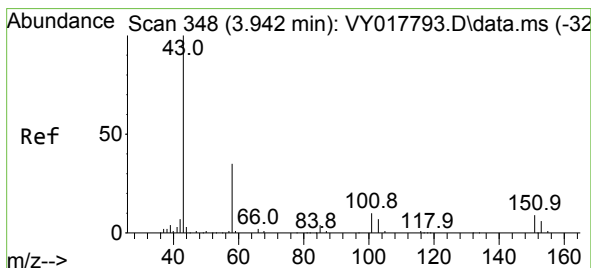
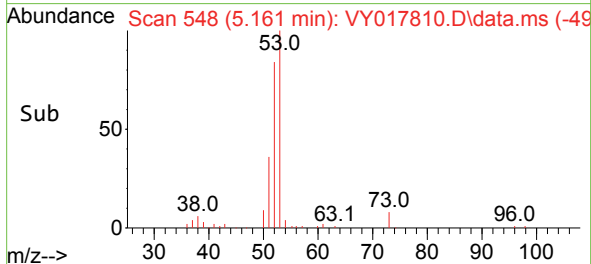
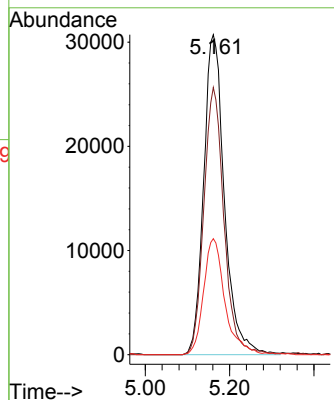
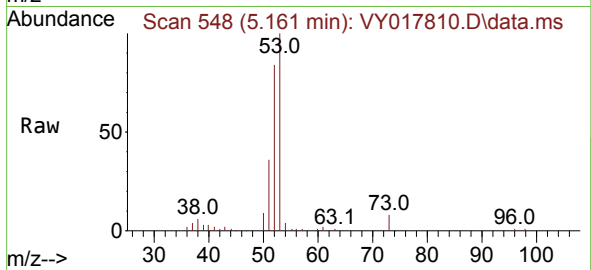




#15
Acrylonitrile
Concen: 250.033 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

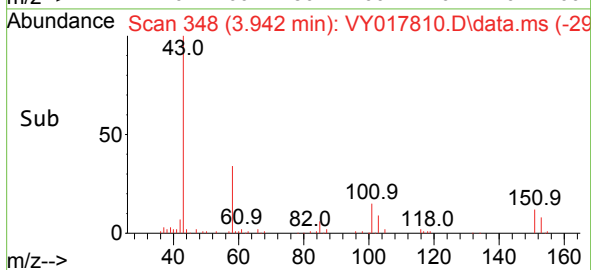
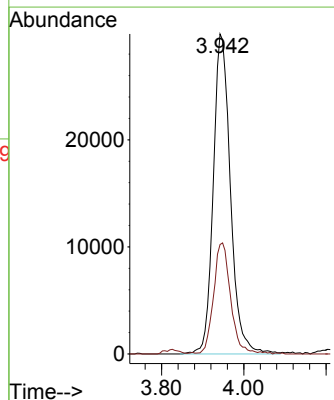
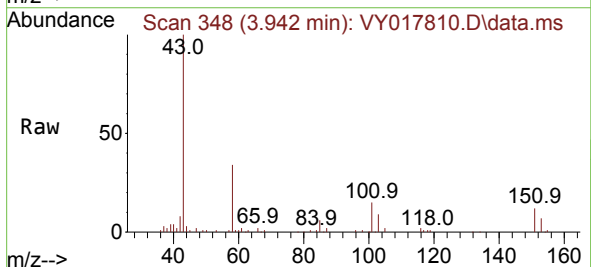
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

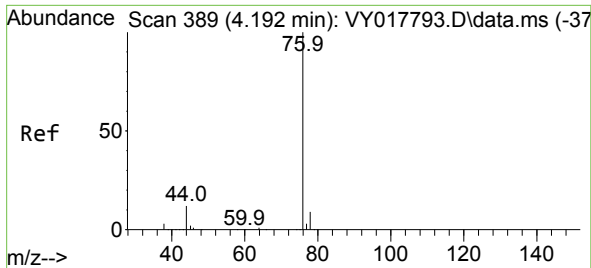
Tgt Ion: 53 Resp: 105194
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 237.981 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 43 Resp: 86826
Ion Ratio Lower Upper
43 100
58 34.0 31.7 47.5

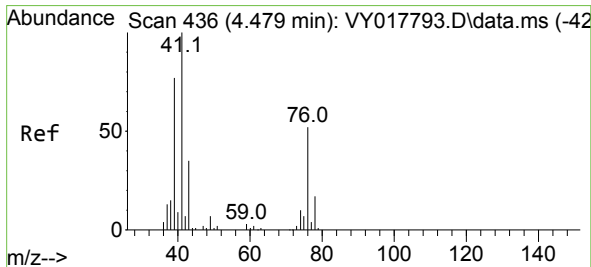
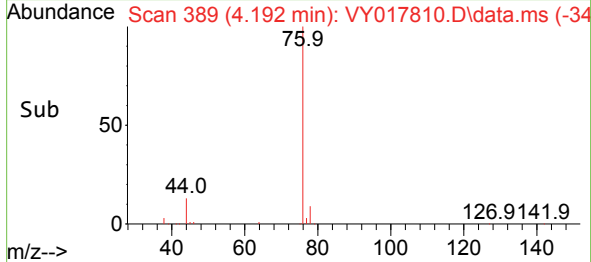
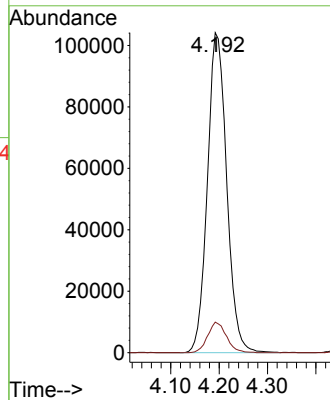
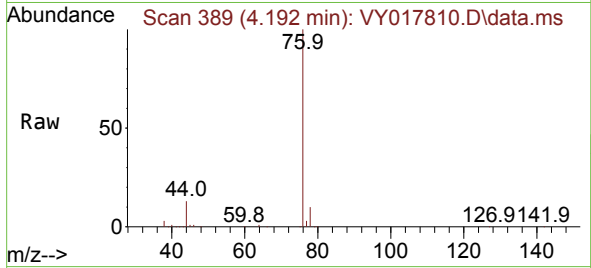




#17
Carbon Disulfide
Concen: 53.581 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

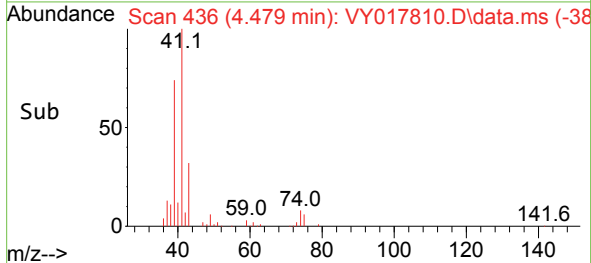
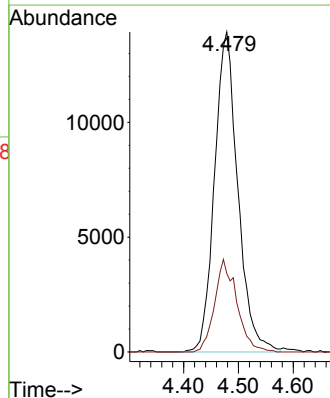
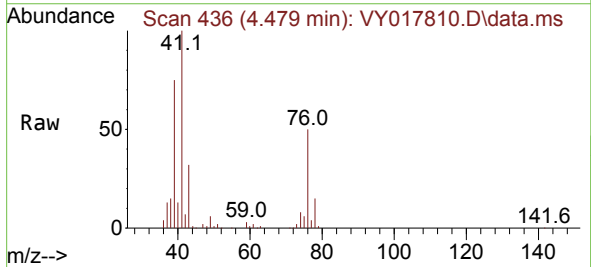
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

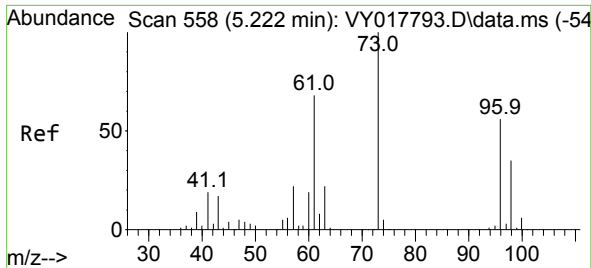
Tgt Ion: 76 Resp: 288724
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 50.874 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 43 Resp: 41112
Ion Ratio Lower Upper
43 100
74 27.7 23.3 34.9

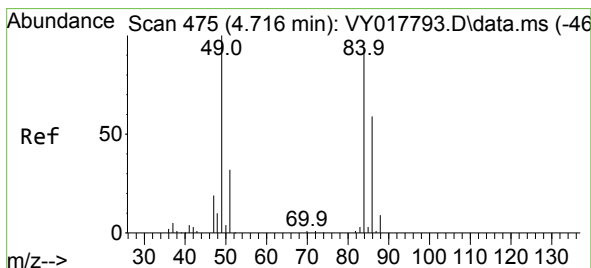
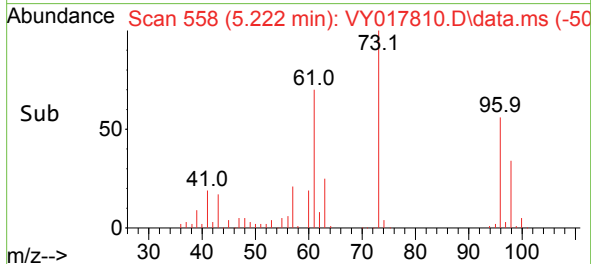
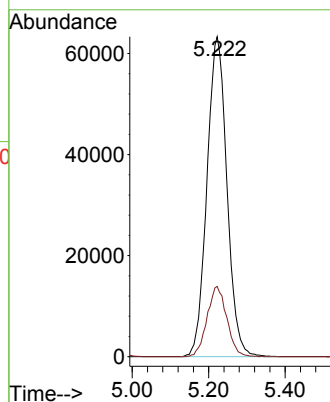
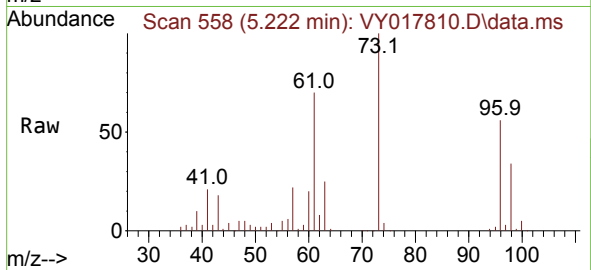




#19
Methyl tert-butyl Ether
Concen: 52.622 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

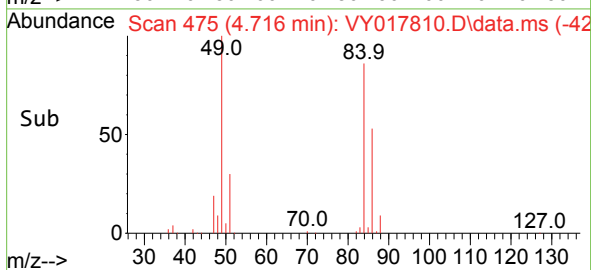
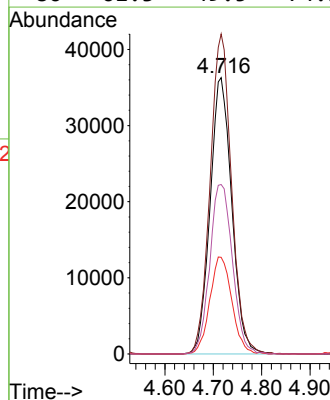
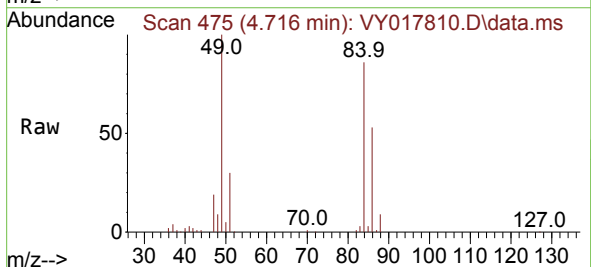
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

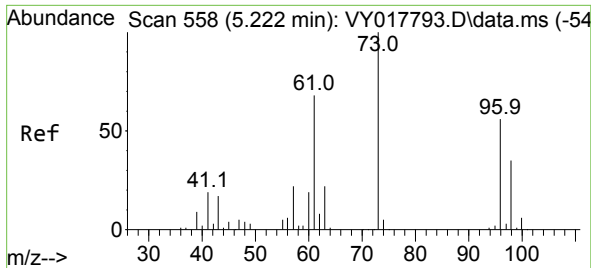
Tgt Ion: 73 Resp: 229422
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 50.527 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 84 Resp: 112902
Ion Ratio Lower Upper
84 100
49 115.8 84.4 126.6
51 35.0 26.0 39.0
86 61.3 49.5 74.3

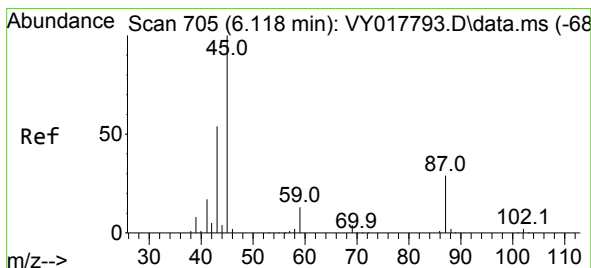
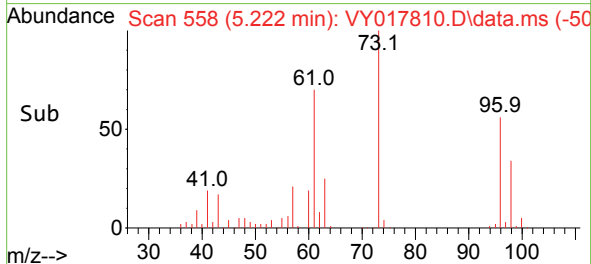
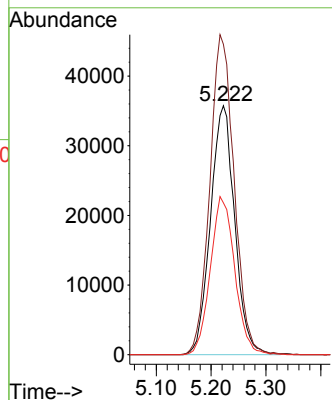
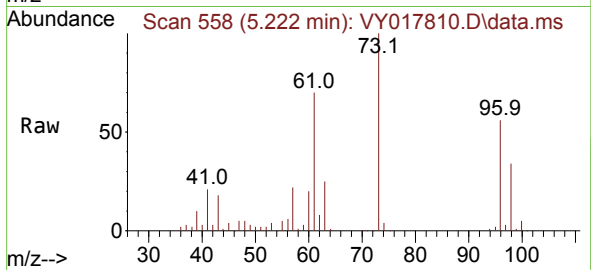




#21
trans-1,2-Dichloroethene
Concen: 53.830 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

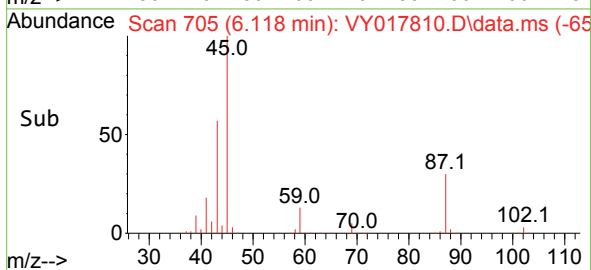
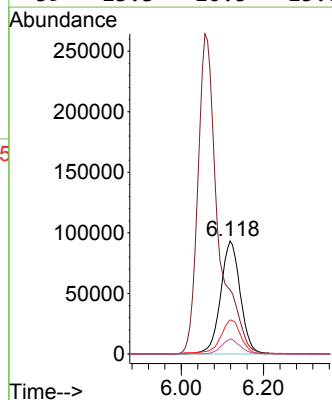
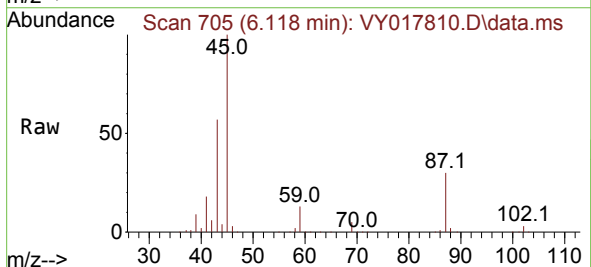
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

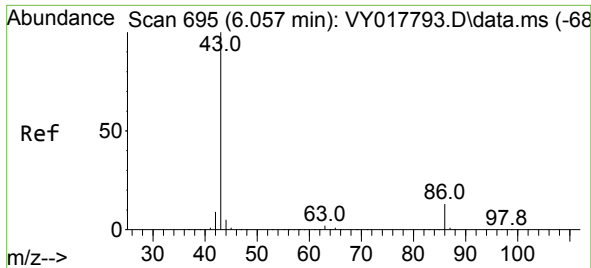
Tgt Ion: 96 Resp: 109684
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 61.0 50.5 75.7



#22
Diisopropyl ether
Concen: 57.360 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 45 Resp: 309705
Ion Ratio Lower Upper
45 100
43 56.2 42.2 63.2
87 30.0 25.0 37.6
59 13.3 10.5 15.7

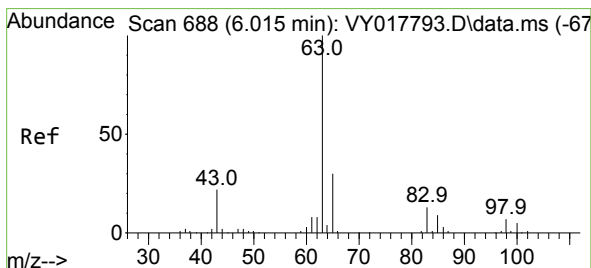
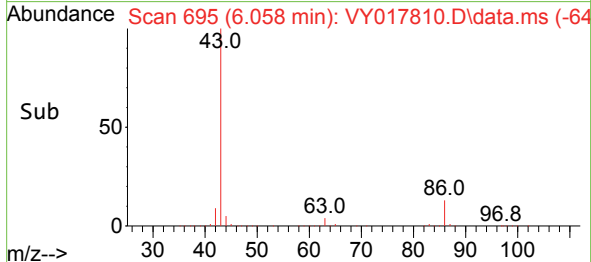
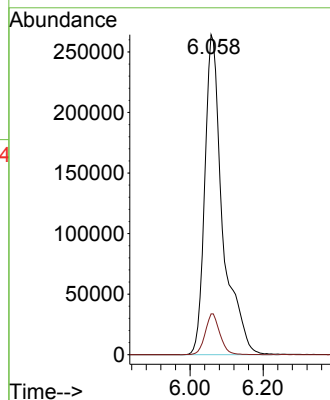
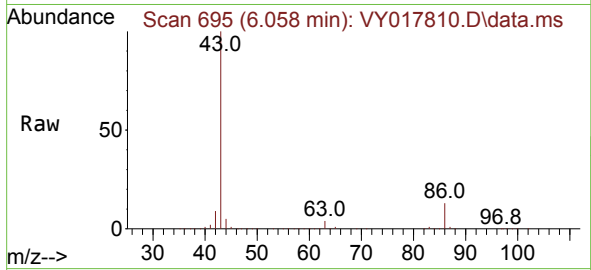




#23
 Vinyl Acetate
 Concen: 271.927 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017810.D
 Acq: 01 Apr 2024 17:27

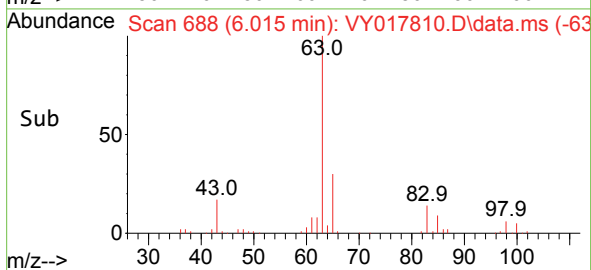
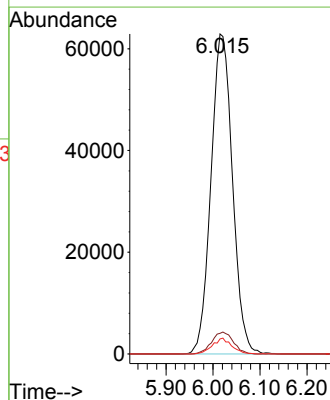
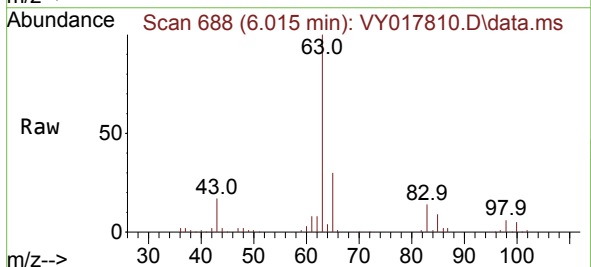
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

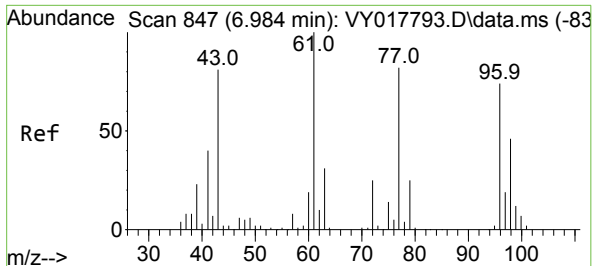
Tgt Ion: 43 Resp: 896432
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 55.758 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017810.D
 Acq: 01 Apr 2024 17:27

Tgt Ion: 63 Resp: 199818
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 4.7 2.6 8.0

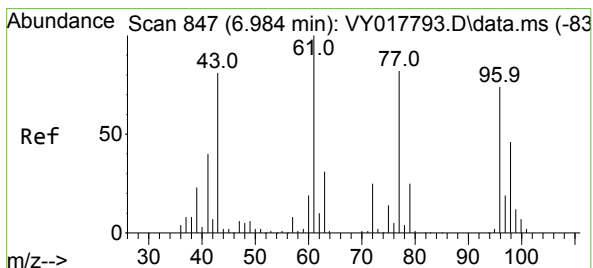
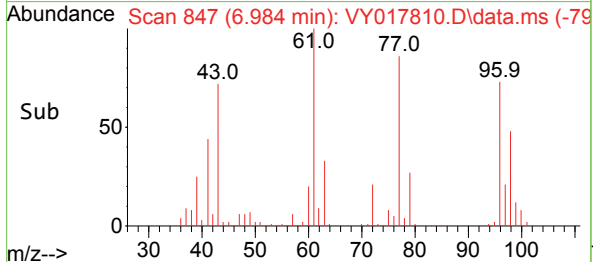
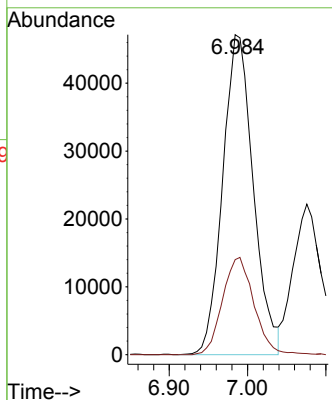
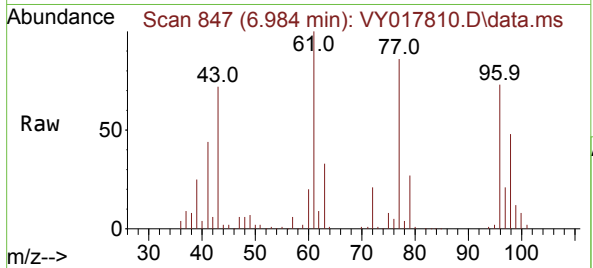




#25
2-Butanone
Concen: 246.320 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

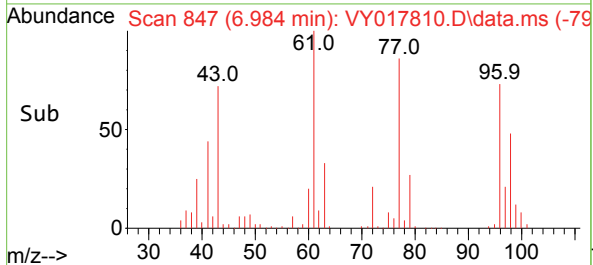
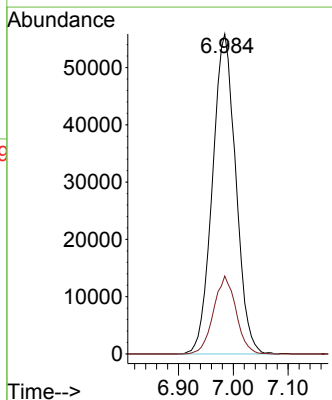
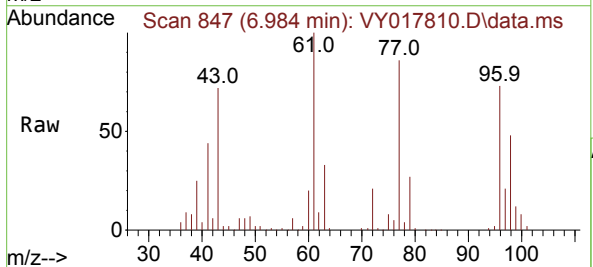
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

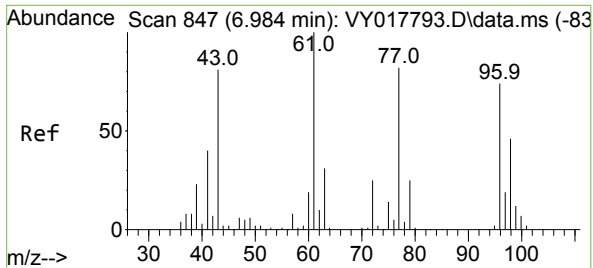
Tgt Ion: 43 Resp: 128024
Ion Ratio Lower Upper
43 100
72 29.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 53.408 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 77 Resp: 165312
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1

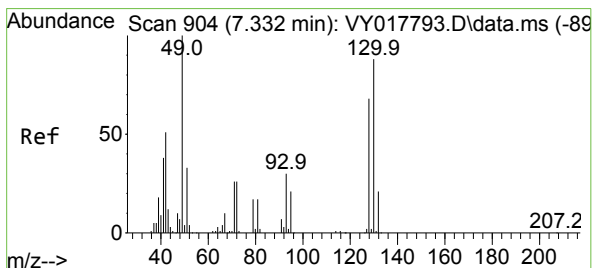
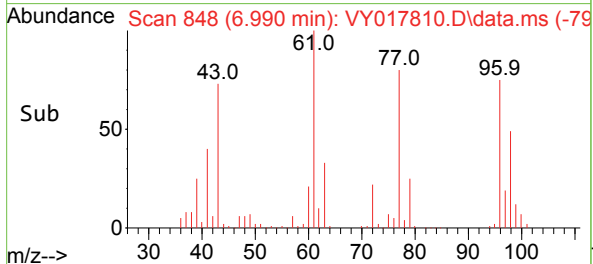
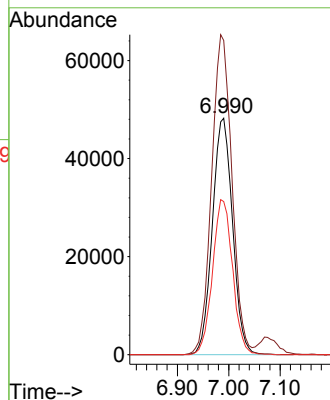
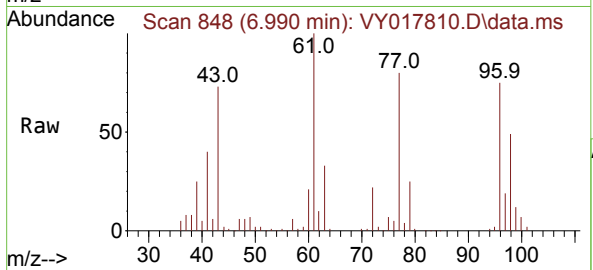




#27
cis-1,2-Dichloroethene
Concen: 54.653 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

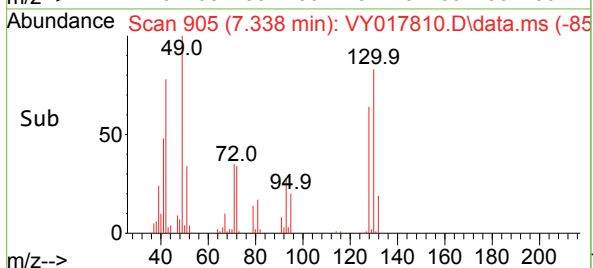
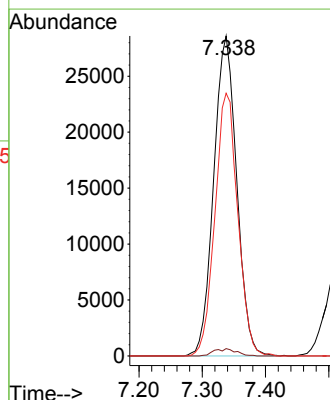
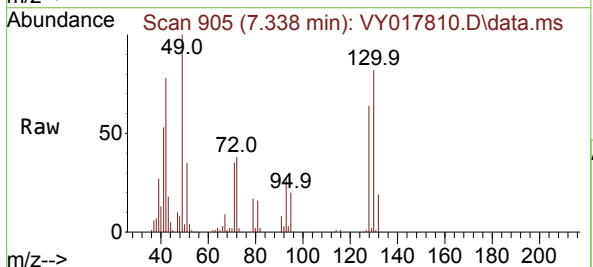
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

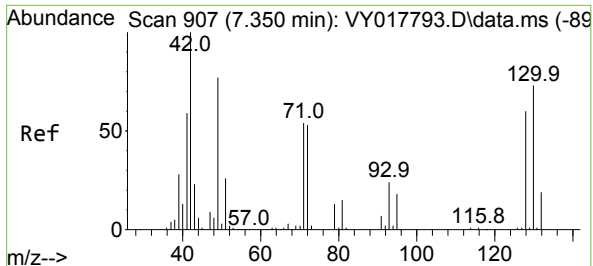
Tgt Ion: 96 Resp: 131609
Ion Ratio Lower Upper
96 100
61 136.2 0.0 256.2
98 65.1 0.0 130.0



#28
Bromochloromethane
Concen: 49.437 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 49 Resp: 72046
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 81.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 254.745 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

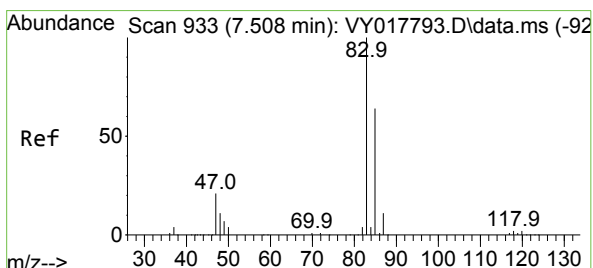
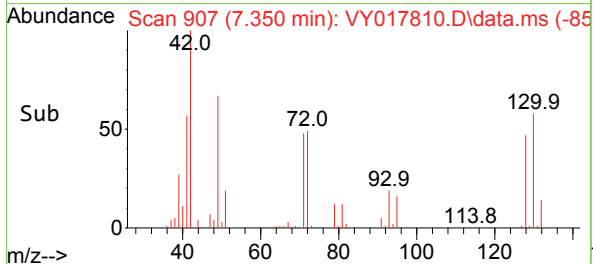
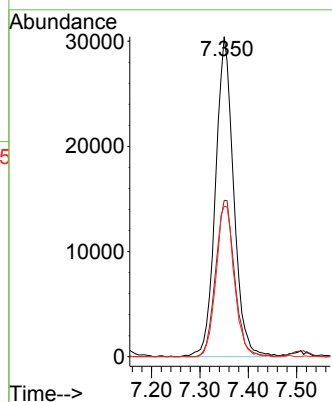
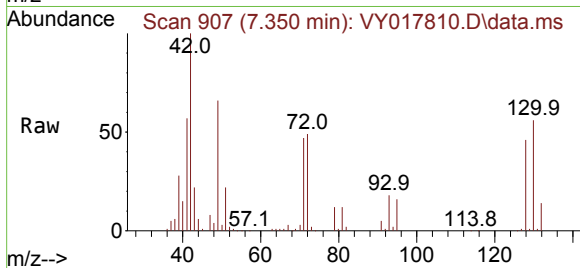
Tgt Ion: 42 Resp: 79446

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.4

71 47.6 40.8 61.2



#30

Chloroform

Concen: 55.562 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017810.D

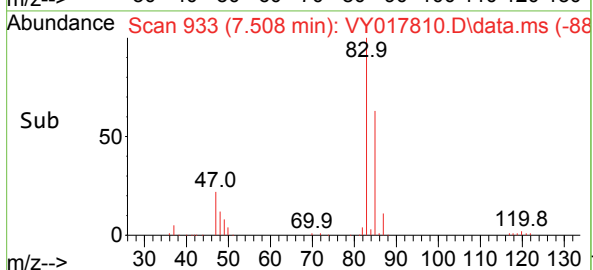
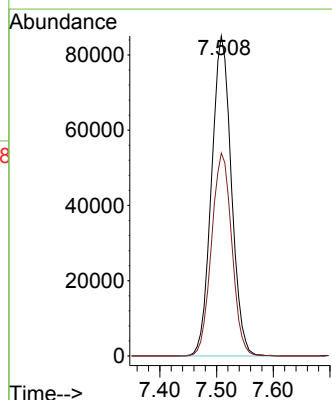
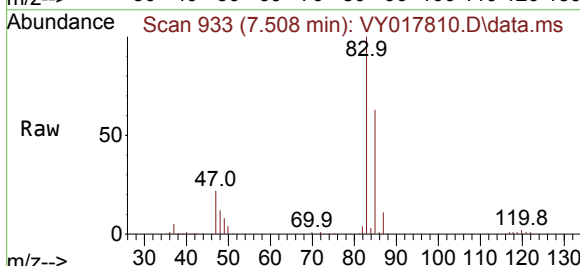
Acq: 01 Apr 2024 17:27

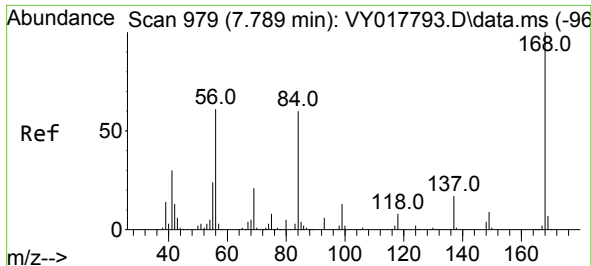
Tgt Ion: 83 Resp: 206594

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

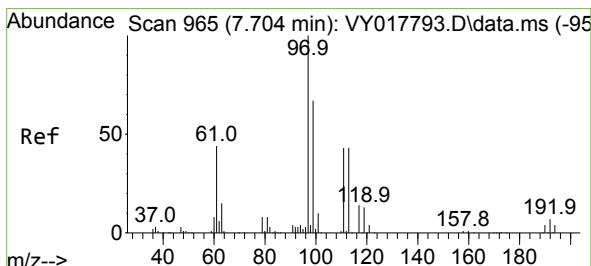
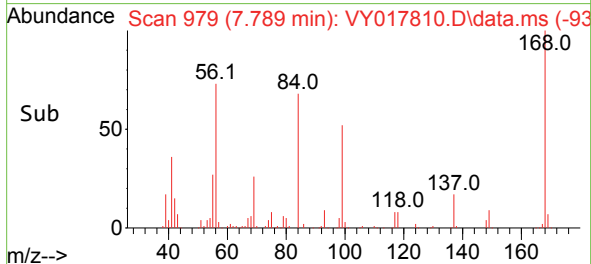
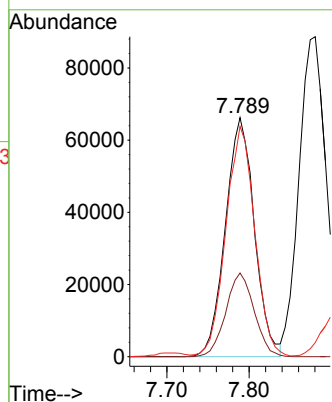
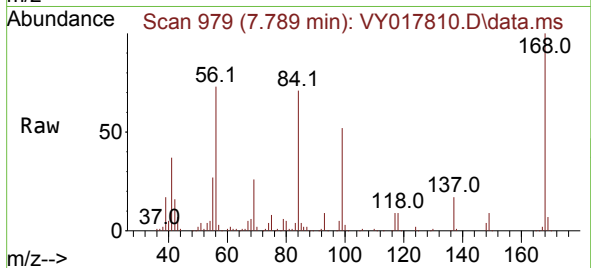




#31
Cyclohexane
Concen: 52.307 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

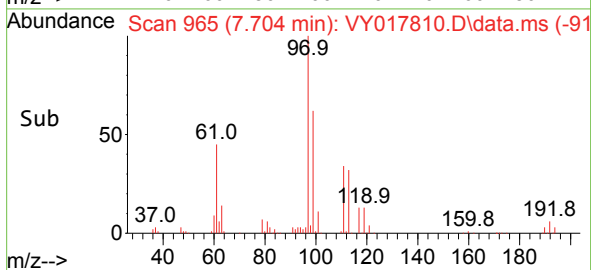
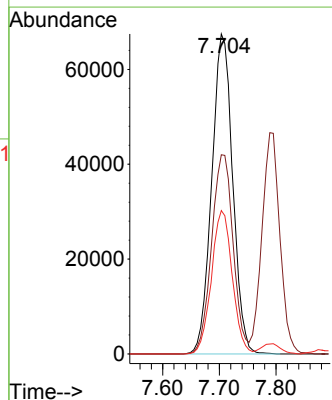
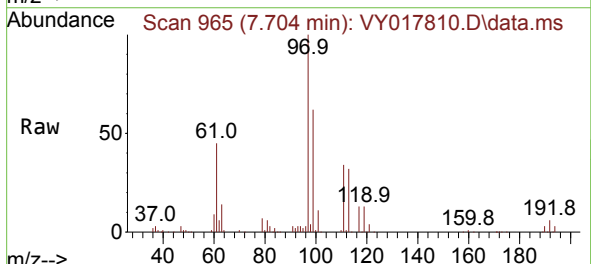
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

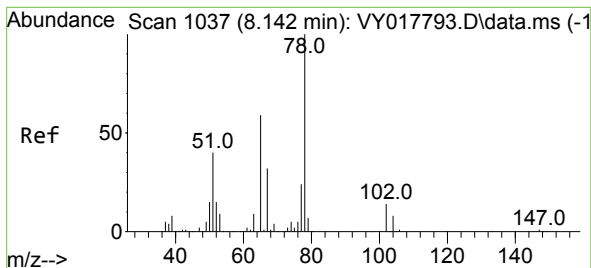
Tgt Ion: 56 Resp: 162642
Ion Ratio Lower Upper
56 100
69 35.0 28.7 43.1
84 94.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.678 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 97 Resp: 173039
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.913 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

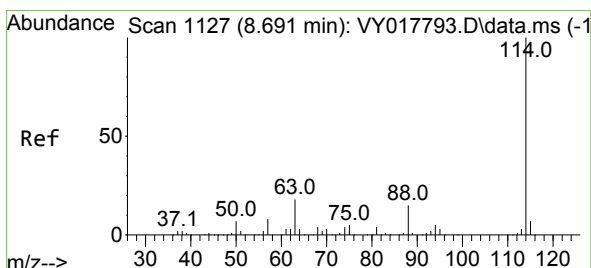
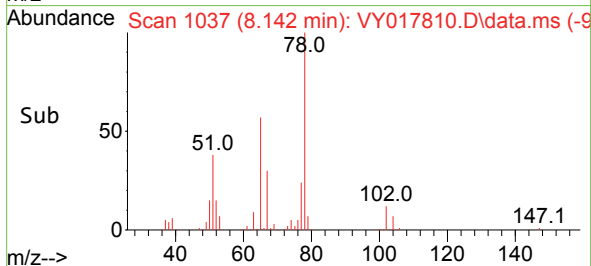
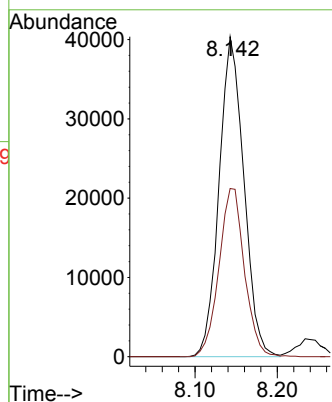
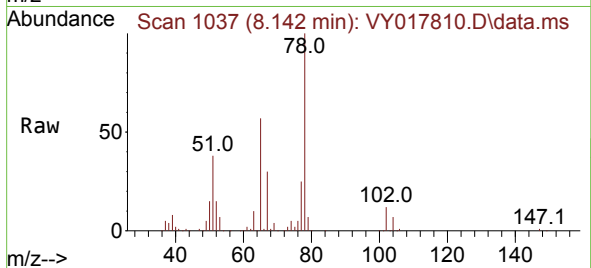
VSTDCCC050EC

Tgt Ion: 65 Resp: 84568

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

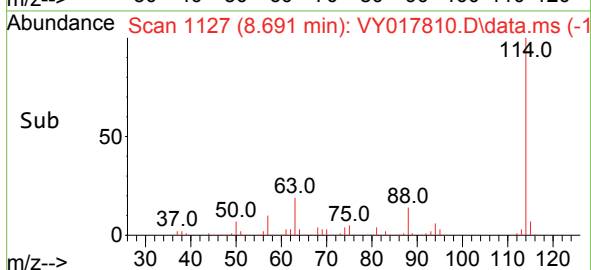
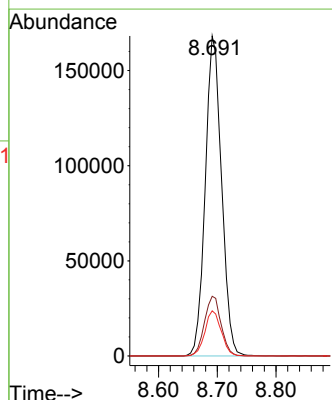
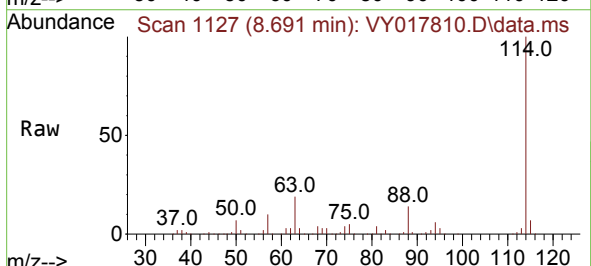
Tgt Ion: 114 Resp: 323913

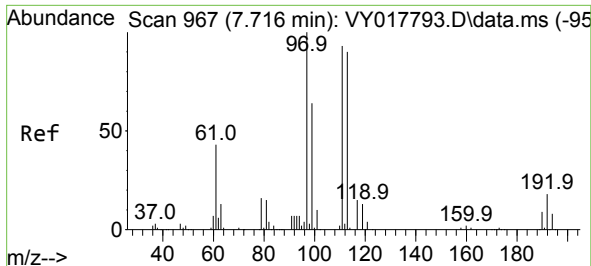
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.1 0.0 27.2

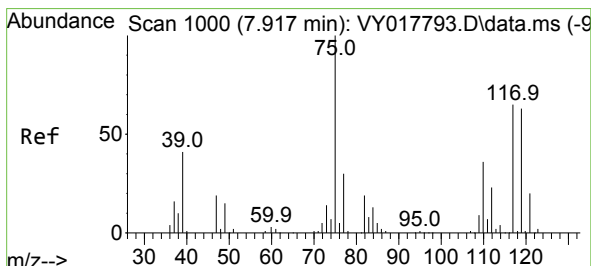
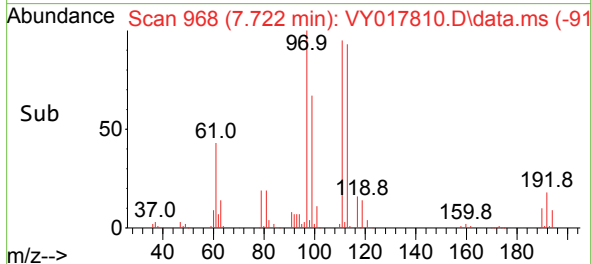
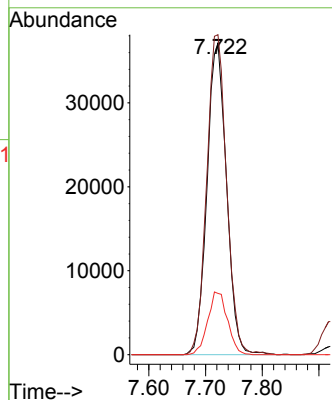
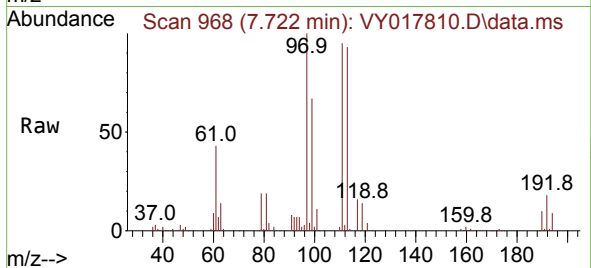




#35
Dibromofluoromethane
Concen: 47.375 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

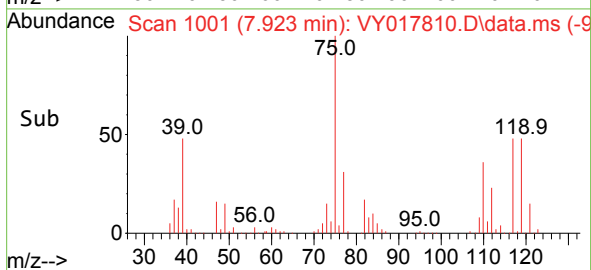
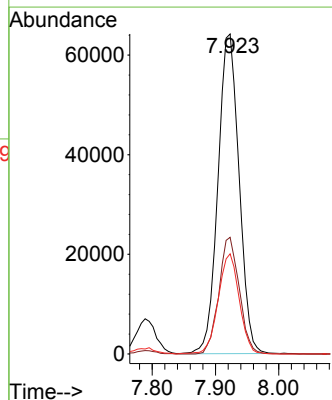
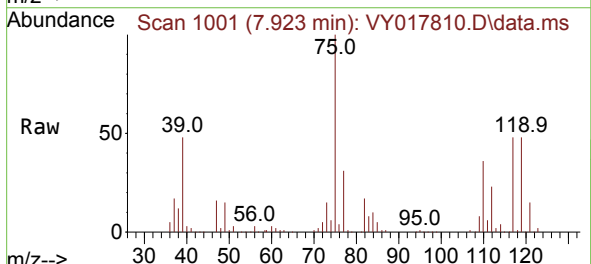
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

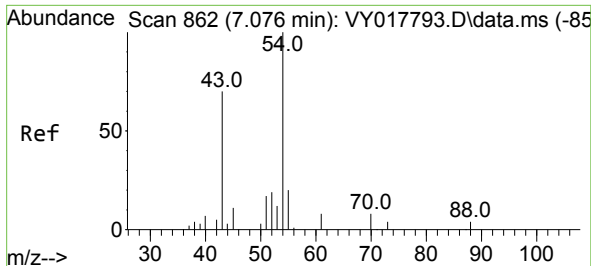
Tgt Ion:113 Resp: 88673
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.318 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 75 Resp: 148341
Ion Ratio Lower Upper
75 100
110 35.4 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 49.141 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

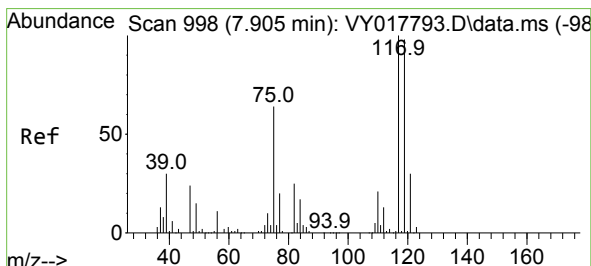
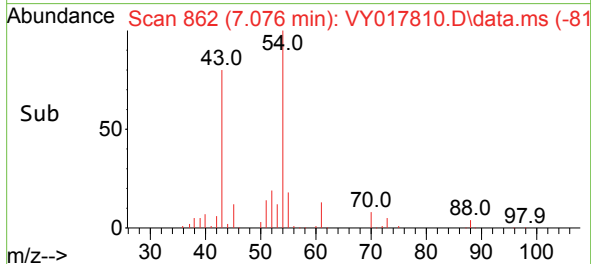
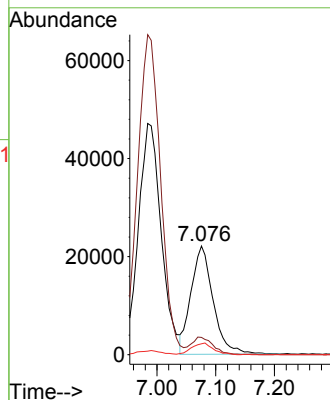
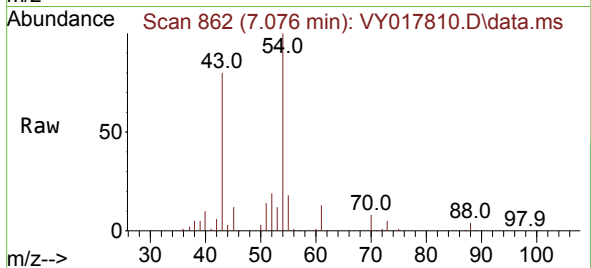
Tgt Ion: 43 Resp: 57915

Ion Ratio Lower Upper

43 100

61 15.7 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.981 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

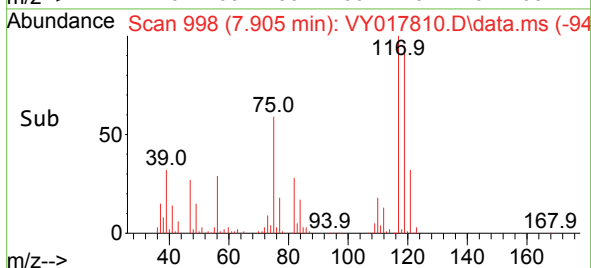
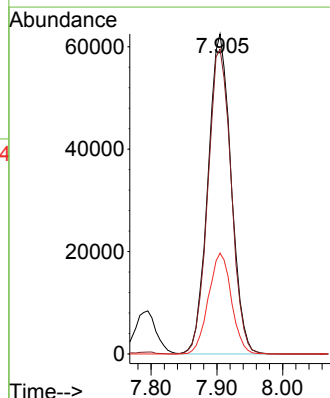
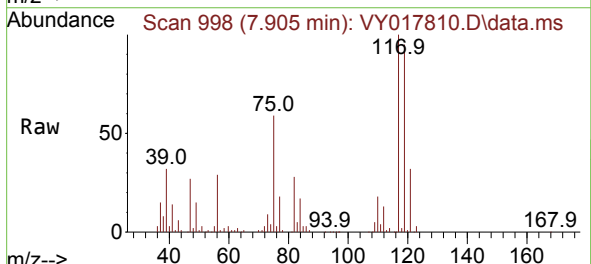
Tgt Ion: 117 Resp: 153042

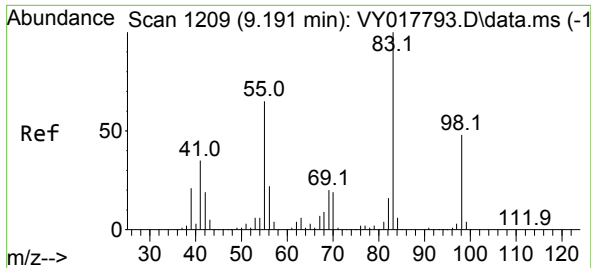
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.6

121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 54.202 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

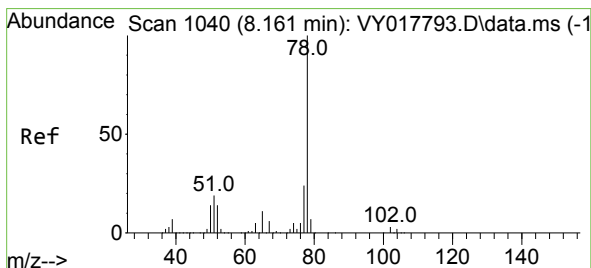
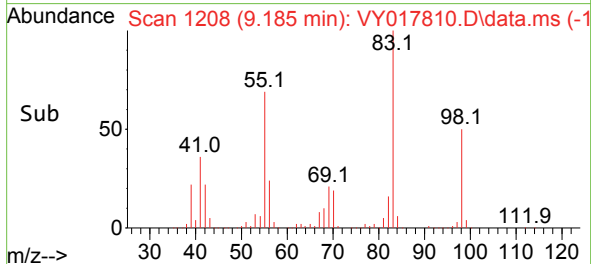
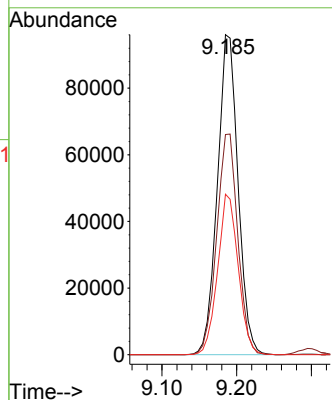
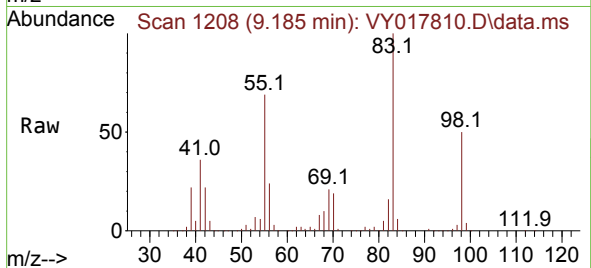
Tgt Ion: 83 Resp: 184897

Ion Ratio Lower Upper

83 100

55 68.8 51.5 77.3

98 50.2 40.5 60.7



#40

Benzene

Concen: 55.579 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017810.D

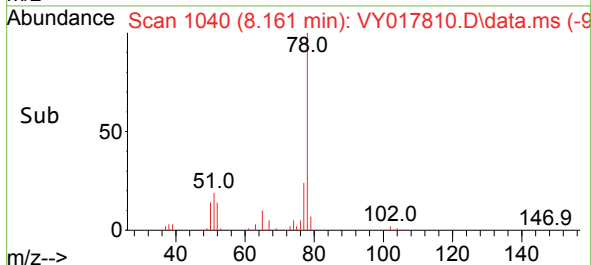
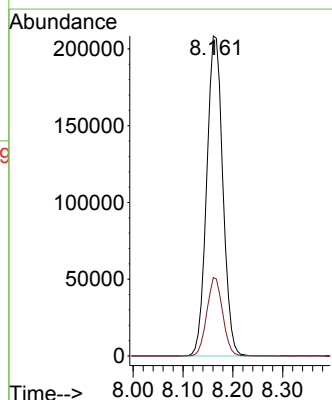
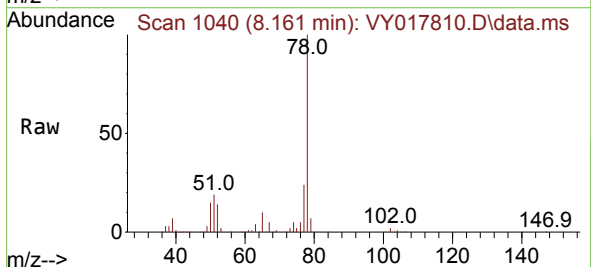
Acq: 01 Apr 2024 17:27

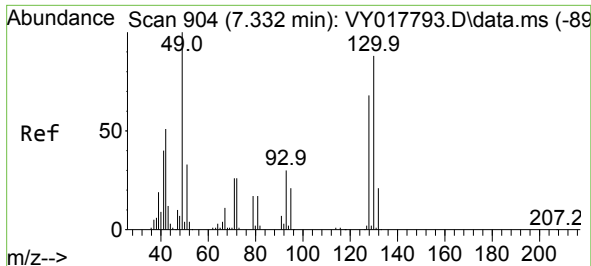
Tgt Ion: 78 Resp: 467774

Ion Ratio Lower Upper

78 100

77 24.5 19.5 29.3

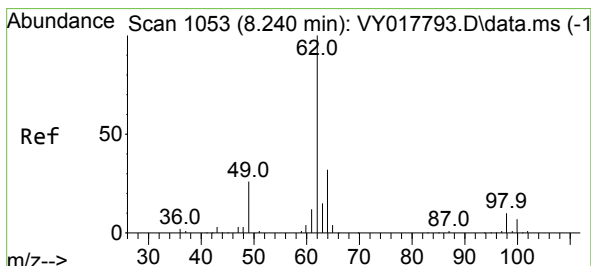
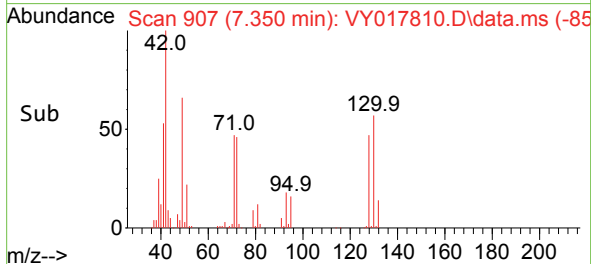
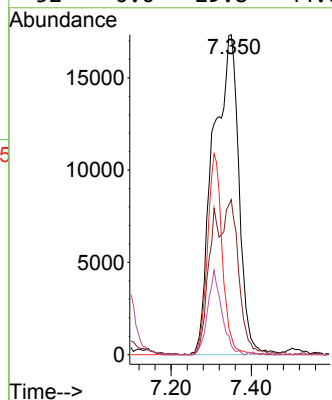
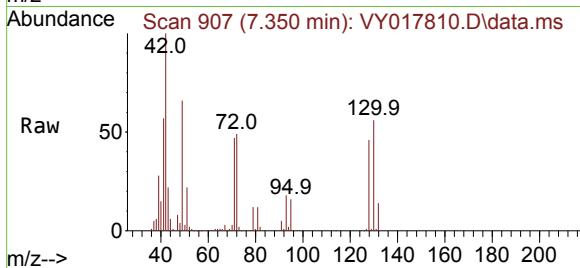




#41
Methacrylonitrile
Concen: 96.512 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

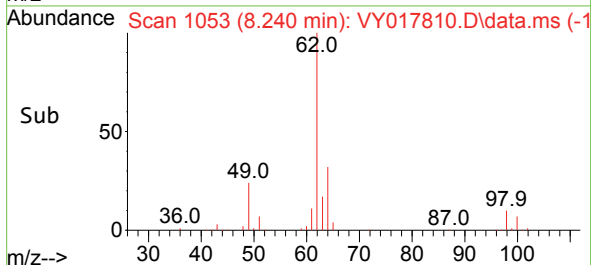
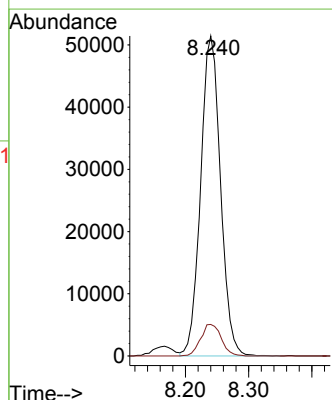
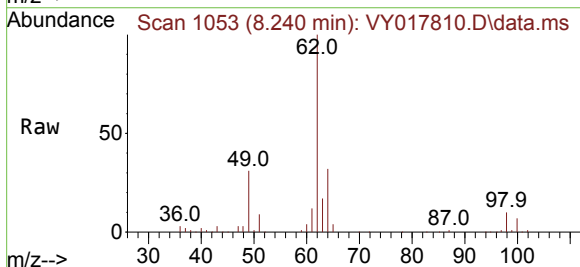
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

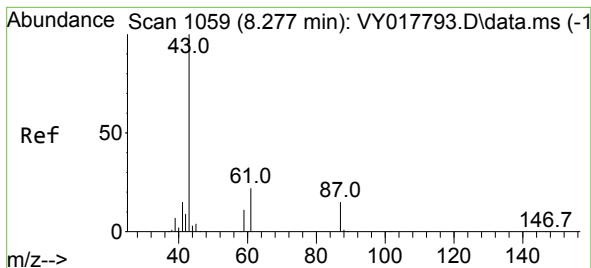
Tgt Ion: 41 Resp: 76658
Ion Ratio Lower Upper
41 100
39 24.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 54.292 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 62 Resp: 112467
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 50.485 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

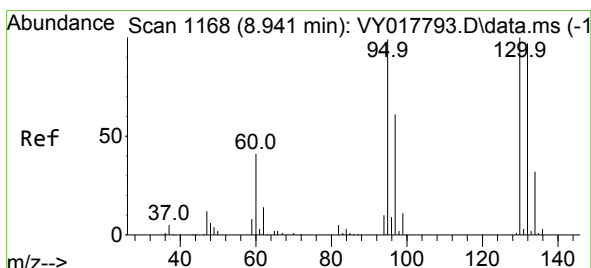
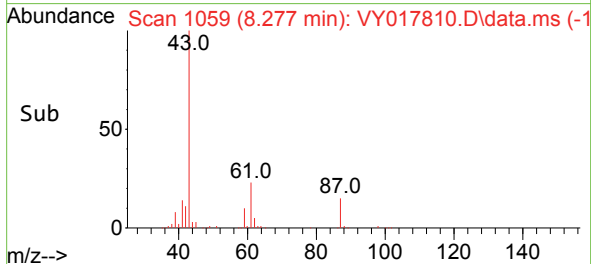
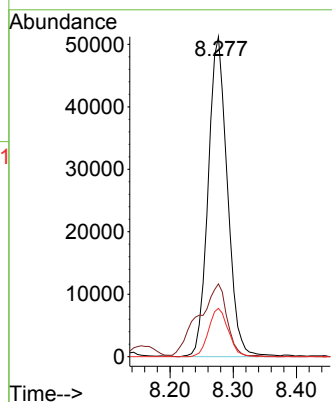
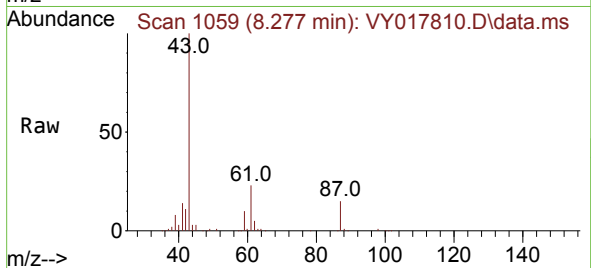
Tgt Ion: 43 Resp: 107977

Ion Ratio Lower Upper

43 100

61 33.7 27.9 41.9

87 15.4 13.1 19.7



#44

Trichloroethene

Concen: 53.526 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017810.D

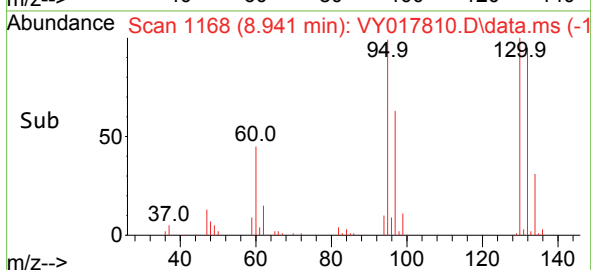
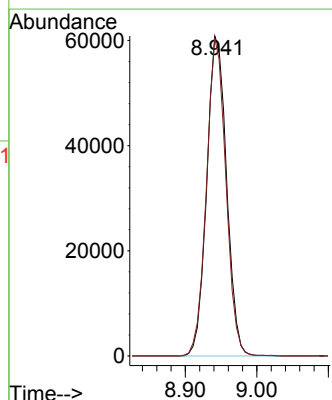
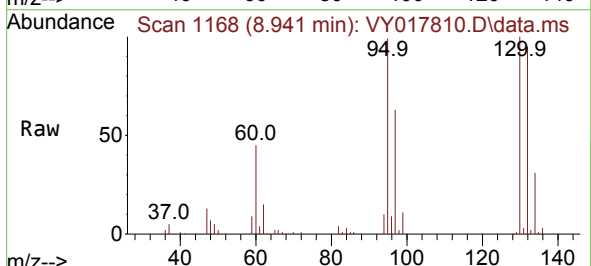
Acq: 01 Apr 2024 17:27

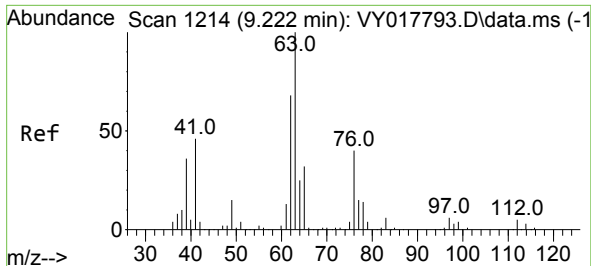
Tgt Ion:130 Resp: 117206

Ion Ratio Lower Upper

130 100

95 99.2 0.0 188.0

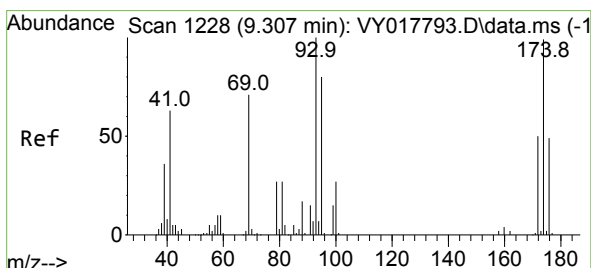
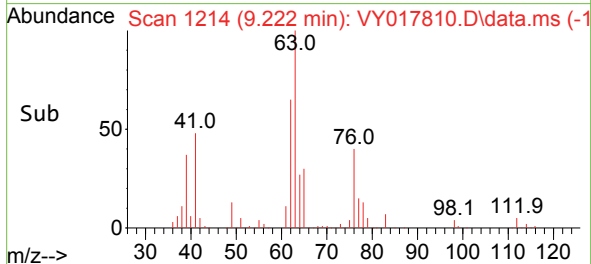
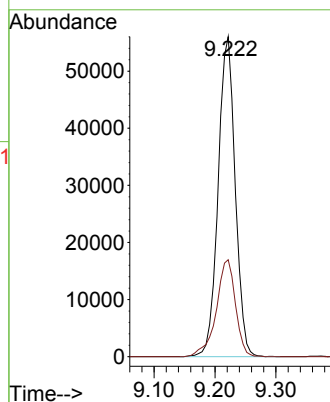
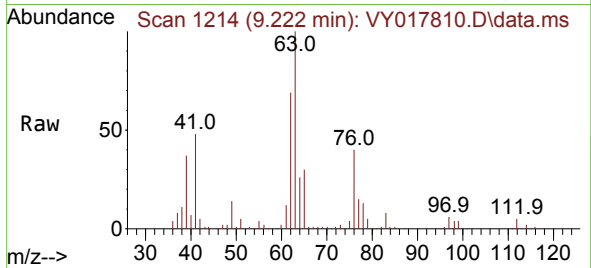




#45
1,2-Dichloropropane
Concen: 55.625 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

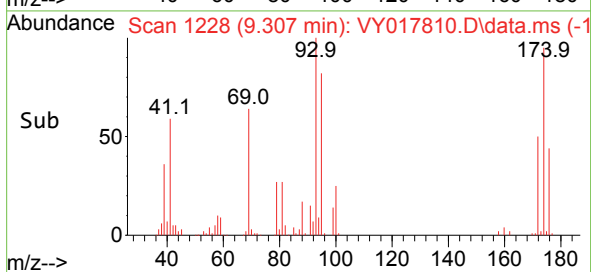
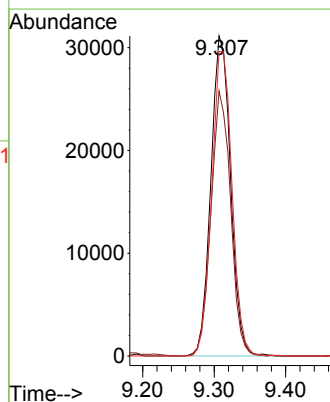
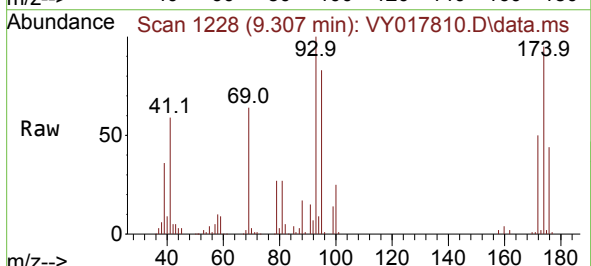
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

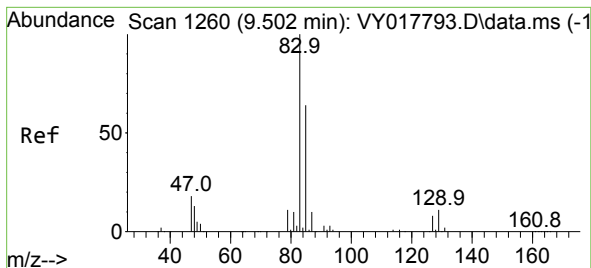
Tgt Ion: 63 Resp: 108786
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2



#46
Dibromomethane
Concen: 53.735 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 93 Resp: 59705
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 97.6 80.9 121.3





#47

Bromodichloromethane

Concen: 55.449 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

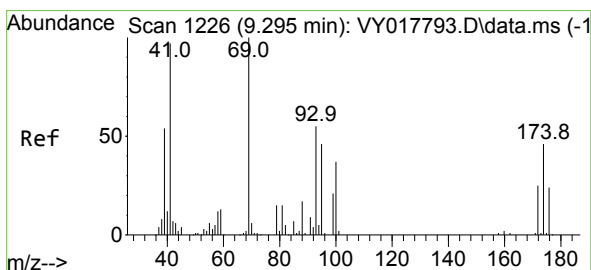
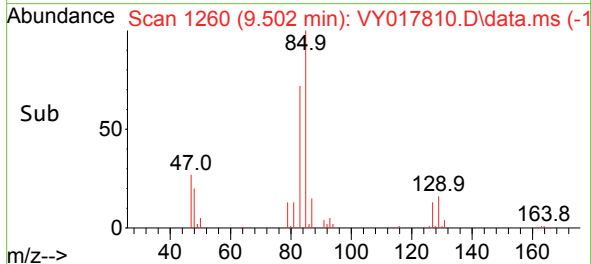
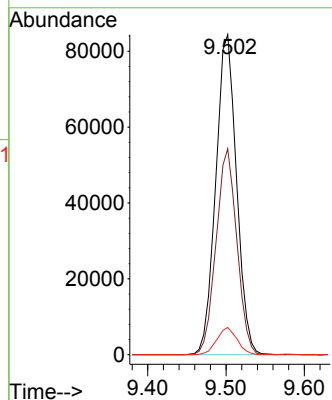
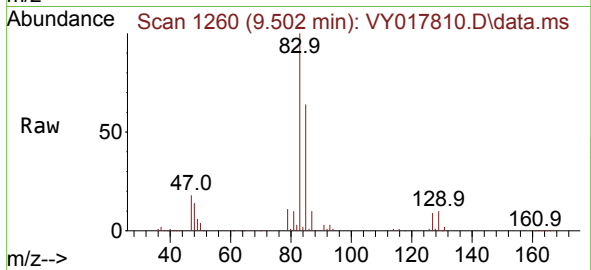
Tgt Ion: 83 Resp: 155673

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 8.5 7.4 11.0



#48

Methyl methacrylate

Concen: 54.979 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

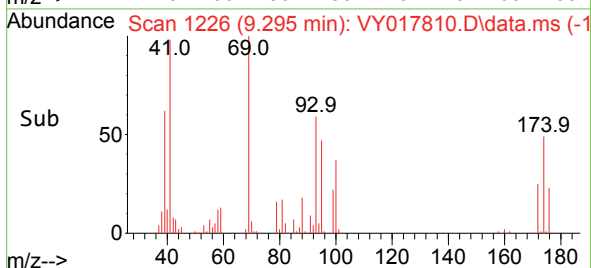
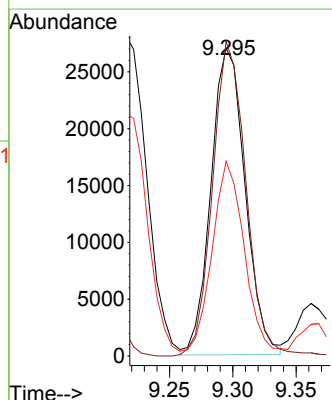
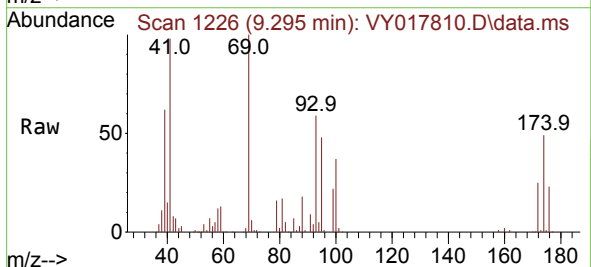
Tgt Ion: 41 Resp: 50713

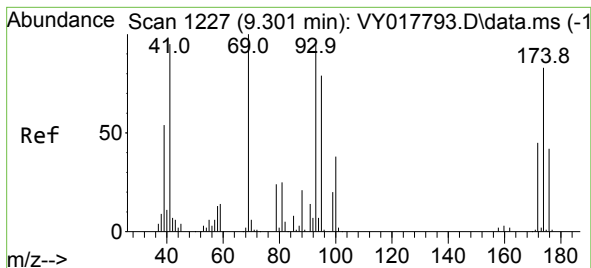
Ion Ratio Lower Upper

41 100

69 100.4 84.1 126.1

39 57.6 43.6 65.4





#49

1,4-Dioxane

Concen: 1008.400 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

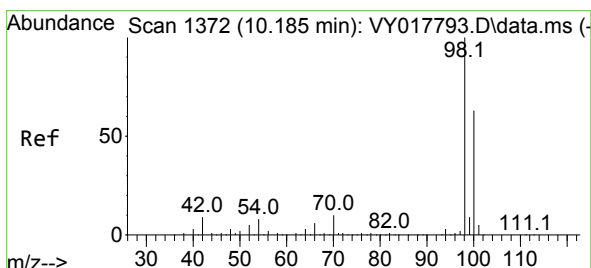
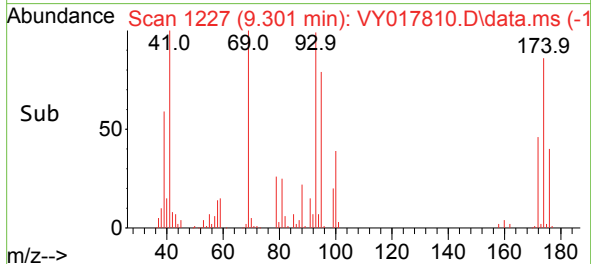
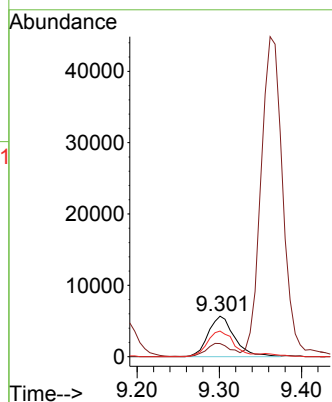
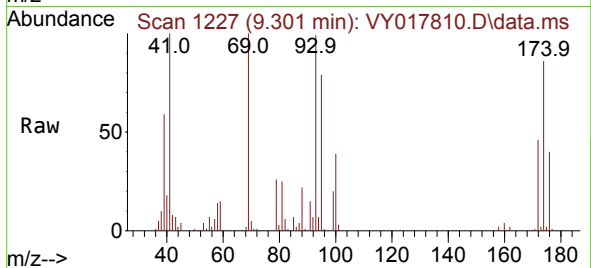
Tgt Ion: 88 Resp: 12578

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 64.7 49.3 73.9



#50

Toluene-d8

Concen: 49.931 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017810.D

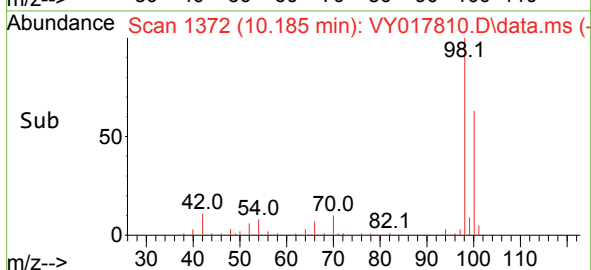
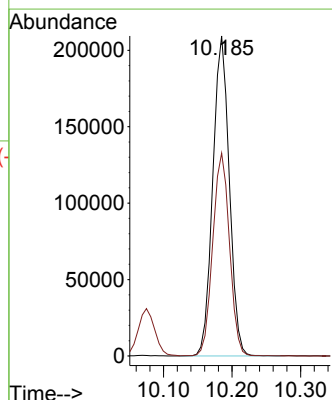
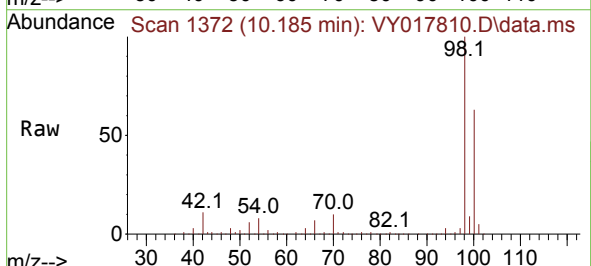
Acq: 01 Apr 2024 17:27

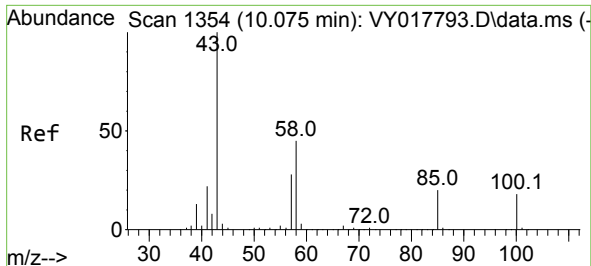
Tgt Ion: 98 Resp: 349101

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

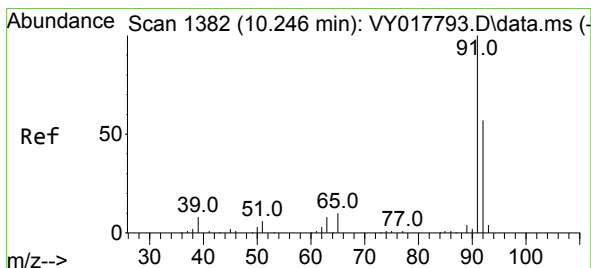
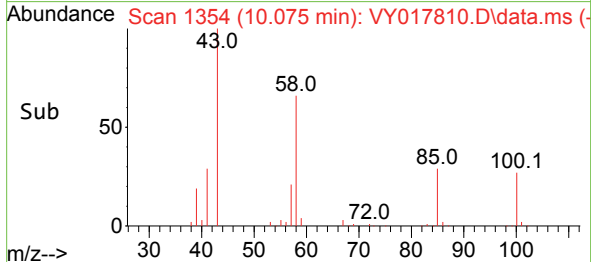
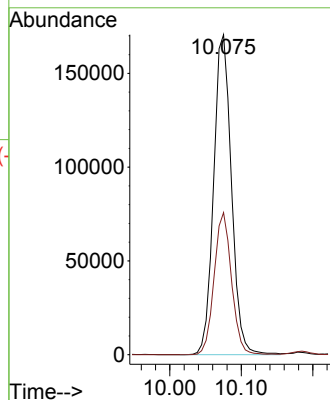
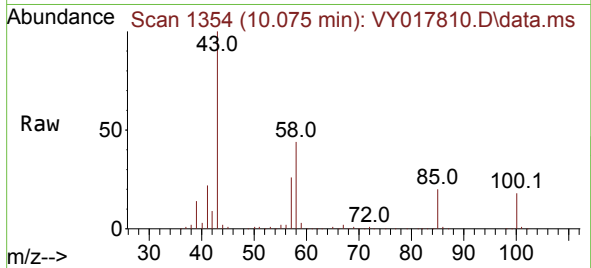




#51
4-Methyl-2-Pentanone
Concen: 274.145 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

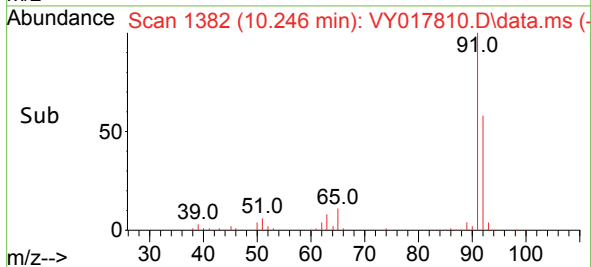
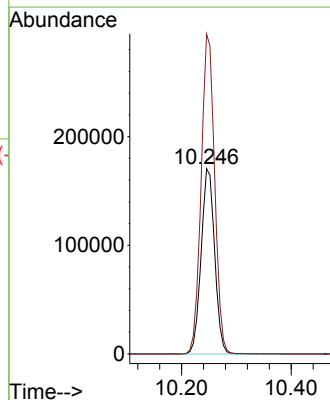
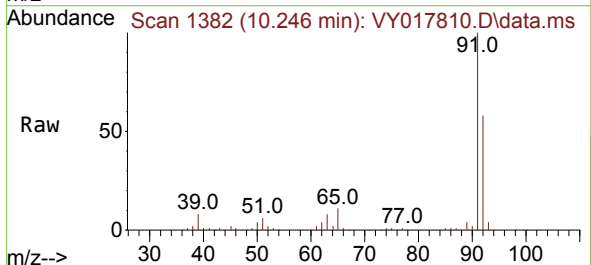
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

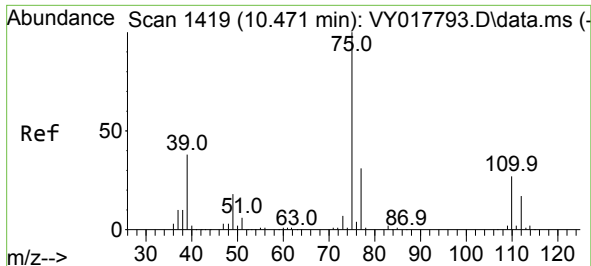
Tgt Ion: 43 Resp: 294789
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 57.149 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 92 Resp: 291750
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6

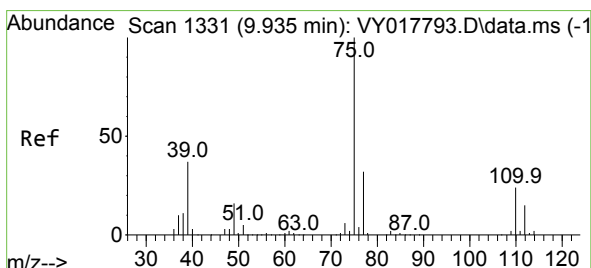
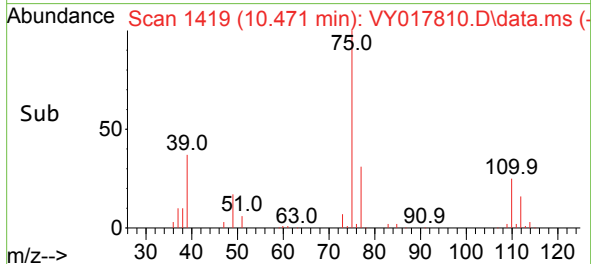
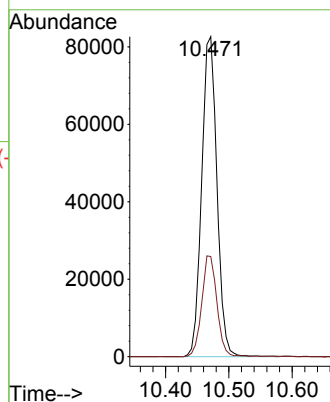
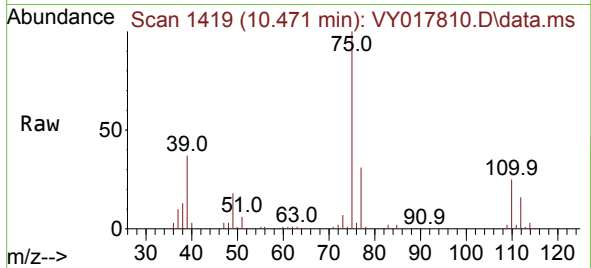




#53
 t-1,3-Dichloropropene
 Concen: 55.708 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017810.D
 Acq: 01 Apr 2024 17:27

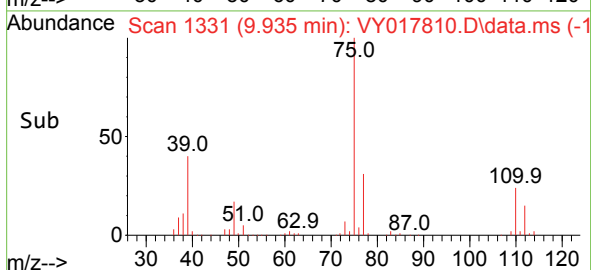
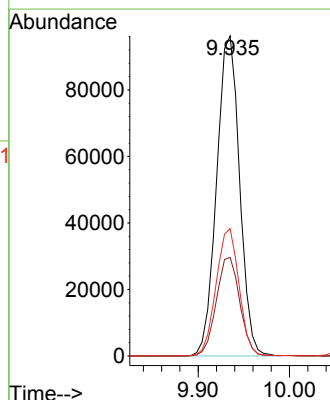
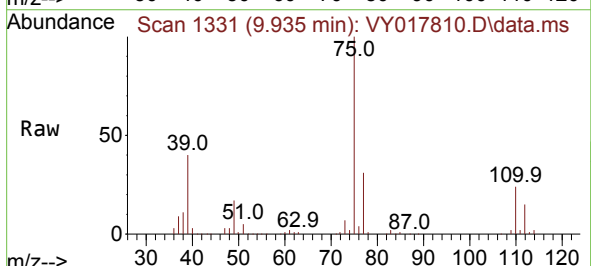
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

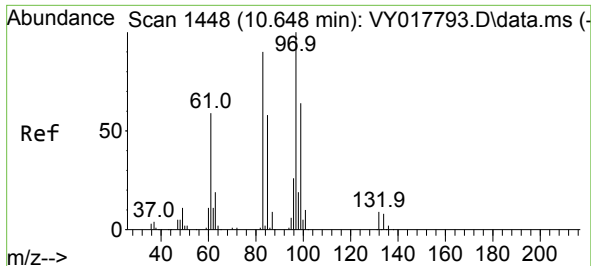
Tgt Ion: 75 Resp: 138868
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 55.248 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017810.D
 Acq: 01 Apr 2024 17:27

Tgt Ion: 75 Resp: 168085
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 39.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 53.641 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 79416

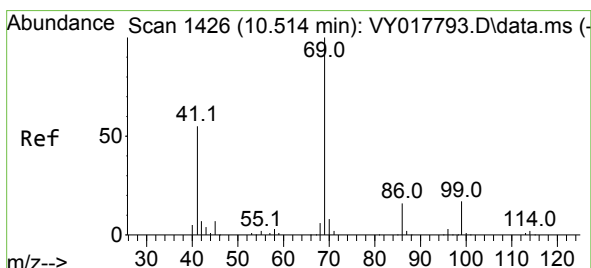
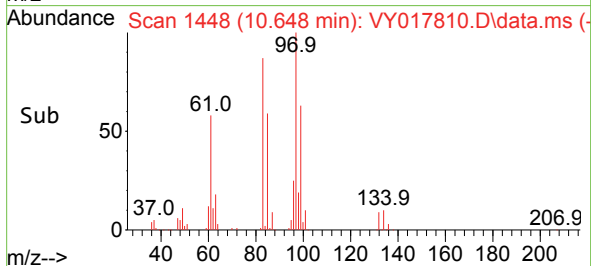
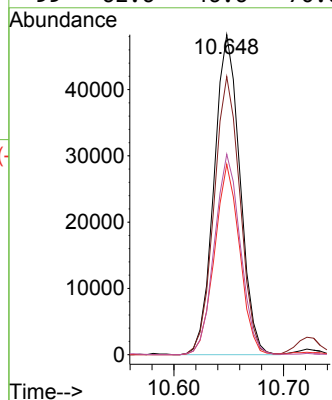
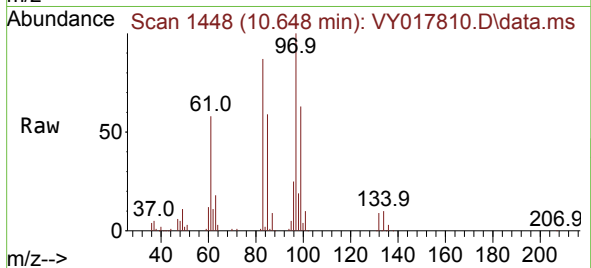
Ion Ratio Lower Upper

97 100

83 86.9 67.5 101.3

85 59.5 42.9 64.3

99 62.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.540 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

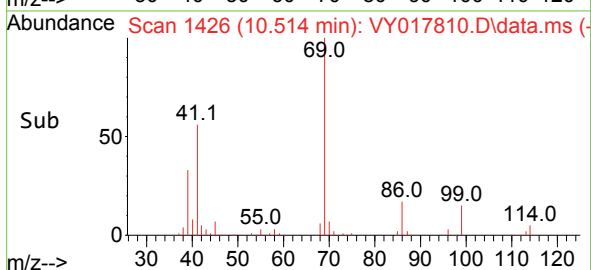
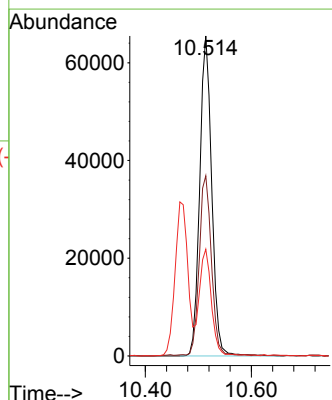
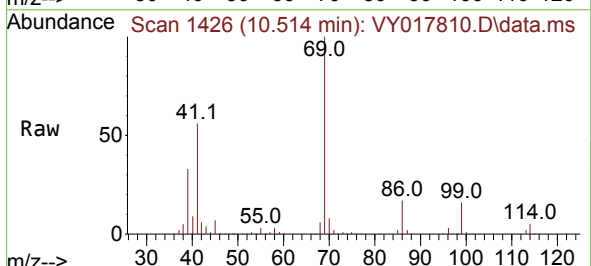
Tgt Ion: 69 Resp: 102881

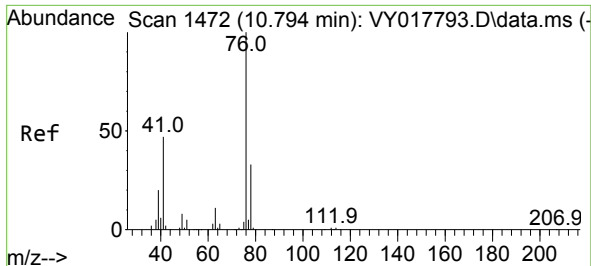
Ion Ratio Lower Upper

69 100

41 56.3 42.3 63.5

39 34.0 22.9 34.3





#57

1,3-Dichloropropane

Concen: 54.948 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

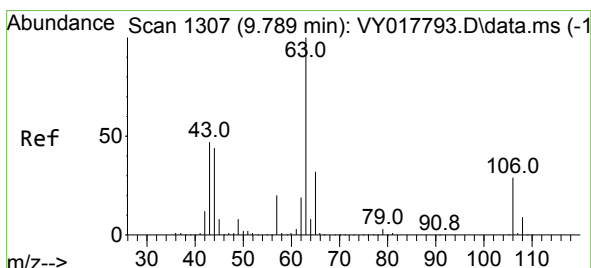
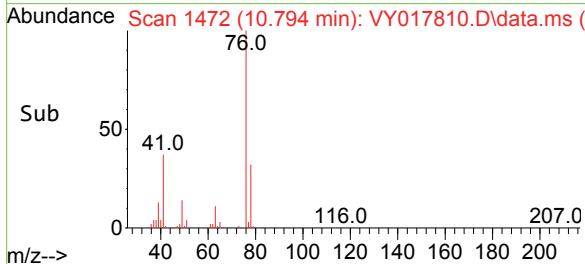
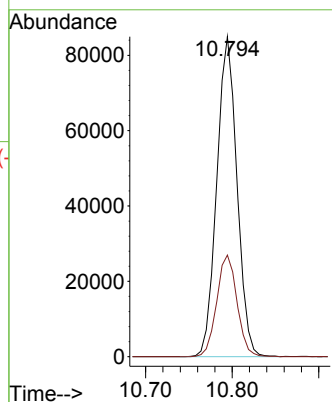
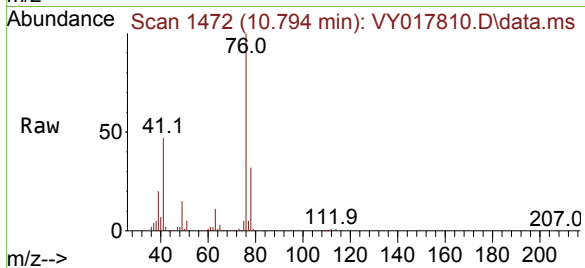
VSTDCCC050EC

Tgt Ion: 76 Resp: 137590

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 274.897 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017810.D

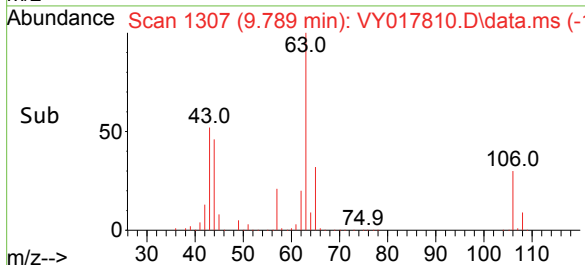
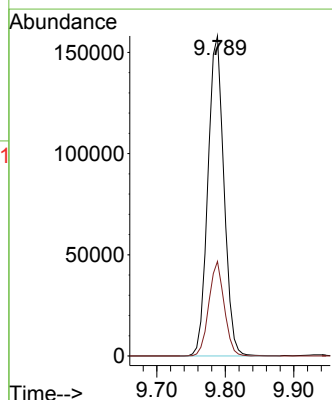
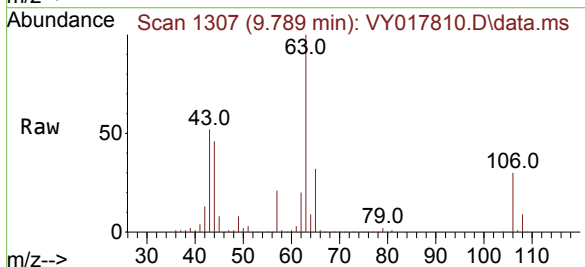
Acq: 01 Apr 2024 17:27

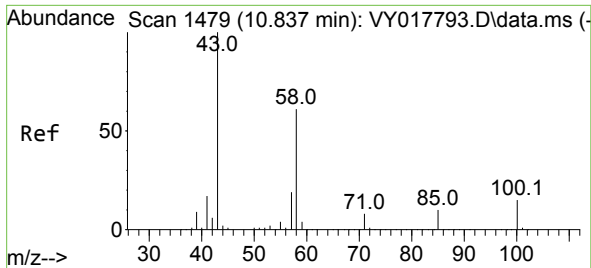
Tgt Ion: 63 Resp: 257347

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5

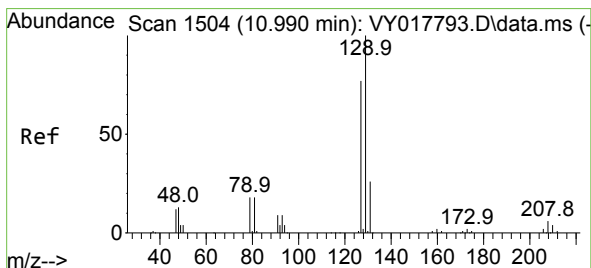
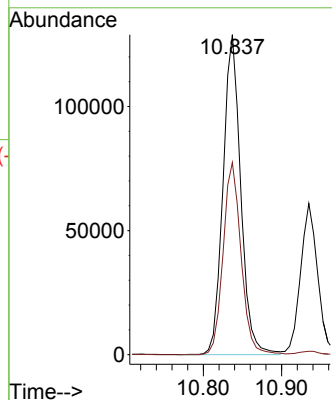
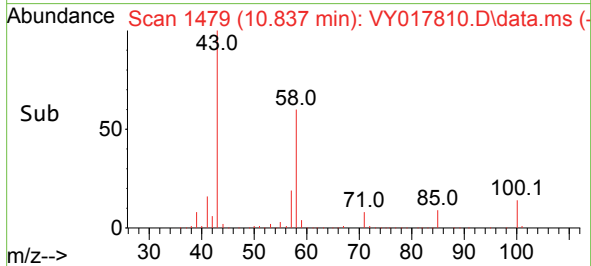
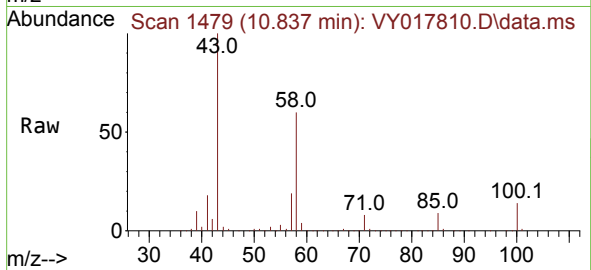




#59
2-Hexanone
Concen: 266.608 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

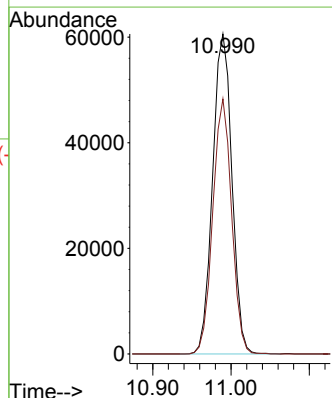
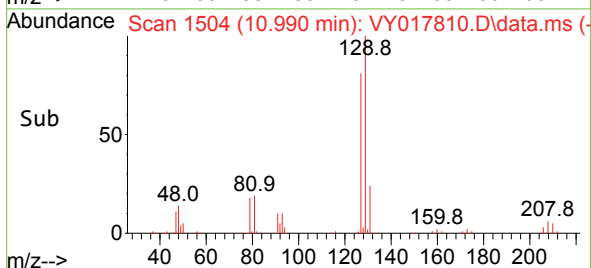
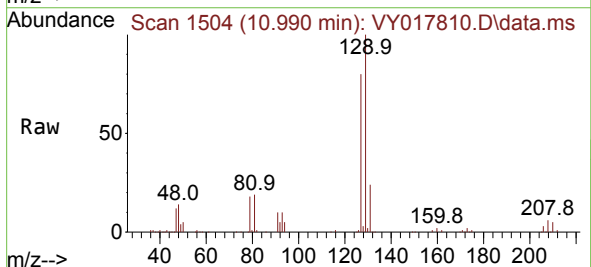
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

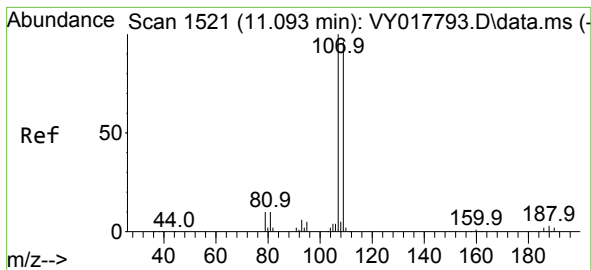
Tgt Ion: 43 Resp: 203136
Ion Ratio Lower Upper
43 100
58 60.7 31.4 94.0



#60
Dibromochloromethane
Concen: 55.464 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 129 Resp: 103567
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

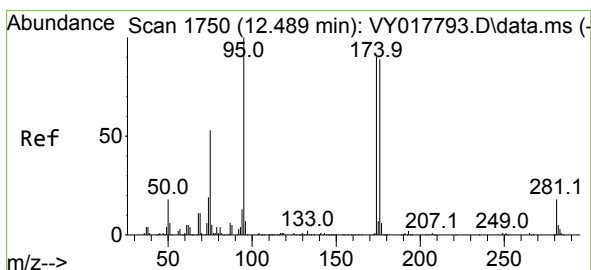
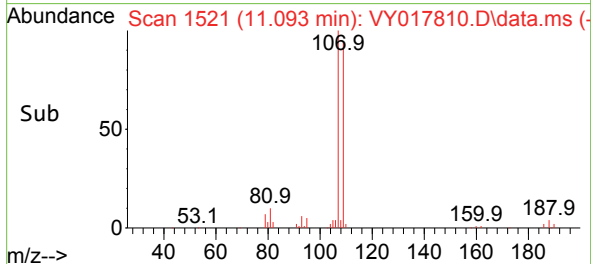
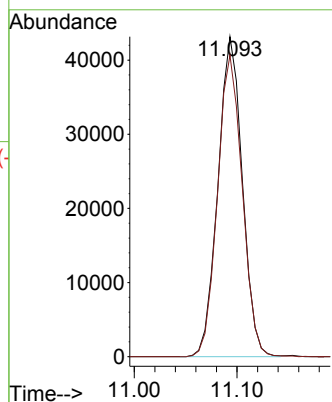
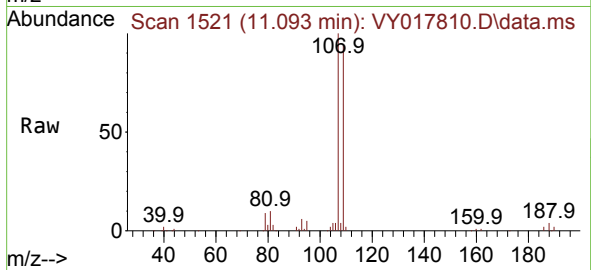




#61
1,2-Dibromoethane
Concen: 52.602 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

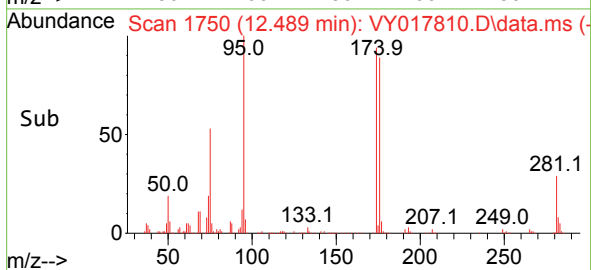
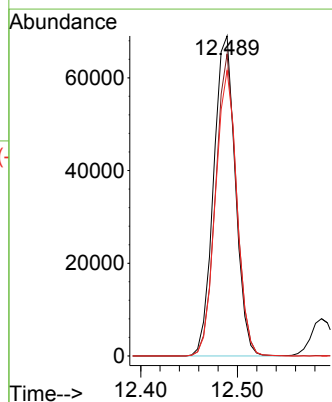
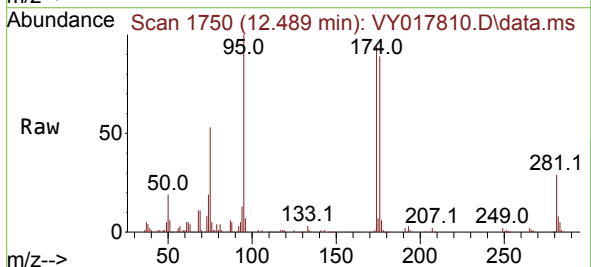
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

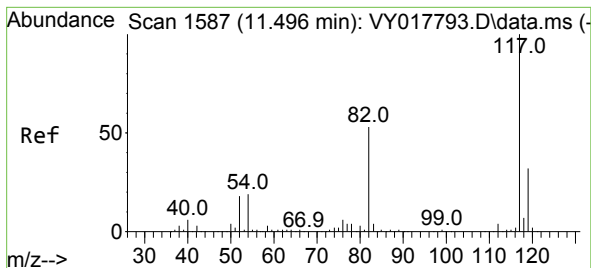
Tgt Ion:107 Resp: 71013
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.559 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 95 Resp: 107550
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 87.9 0.0 171.4

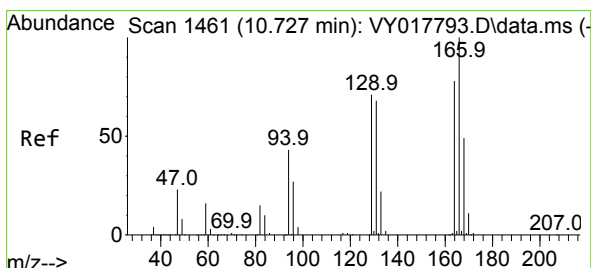
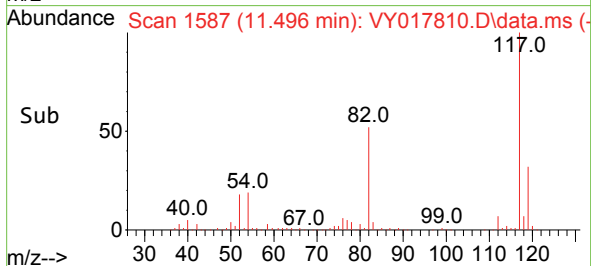
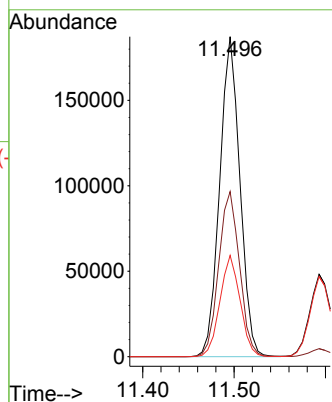
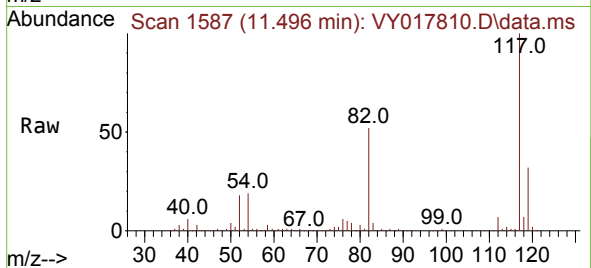




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

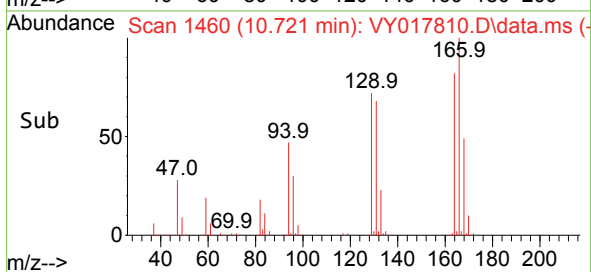
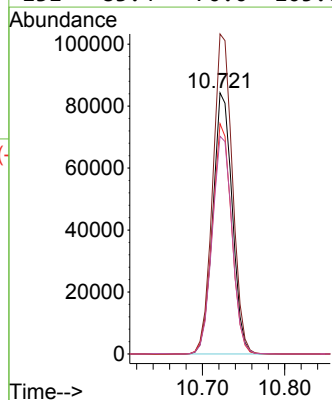
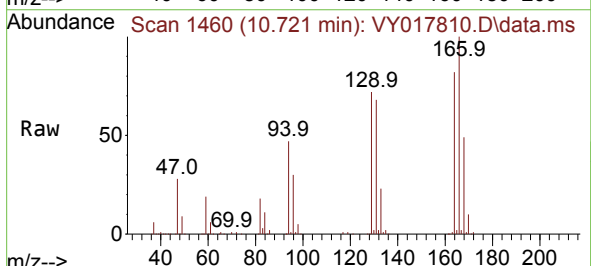
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

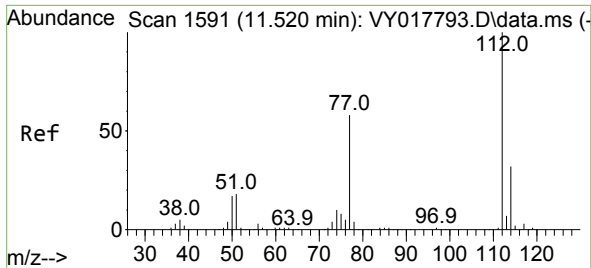
Tgt Ion:117 Resp: 288313
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 54.765 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion:164 Resp: 137716
Ion Ratio Lower Upper
164 100
166 122.6 102.6 154.0
129 88.2 72.0 108.0
131 83.4 70.0 105.0

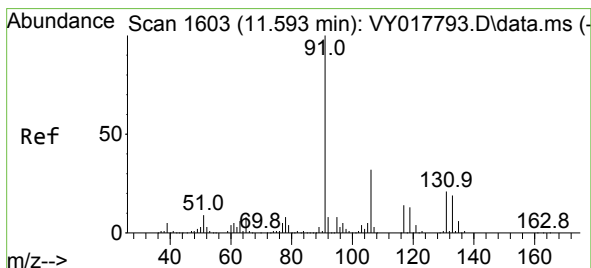
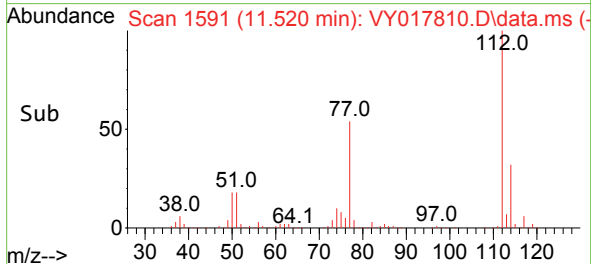
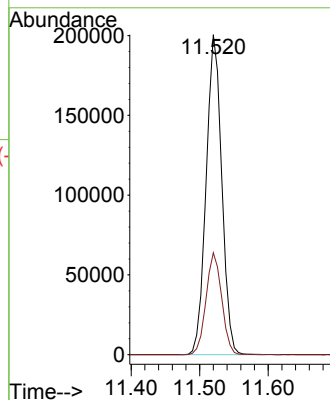
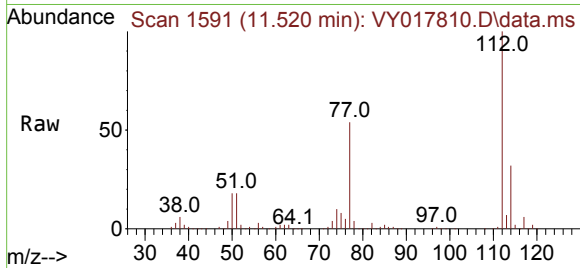




#65
Chlorobenzene
Concen: 53.779 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

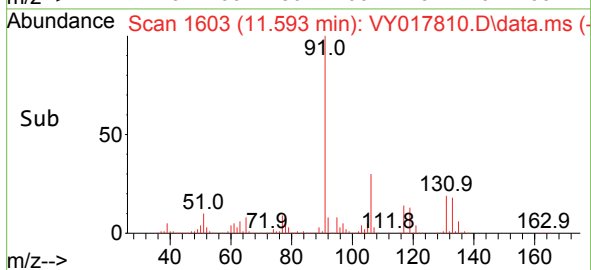
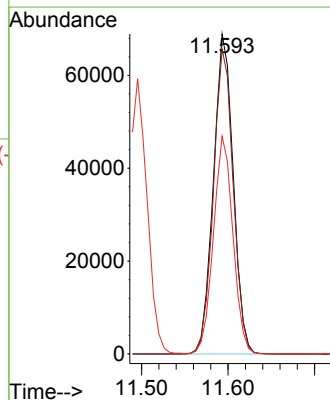
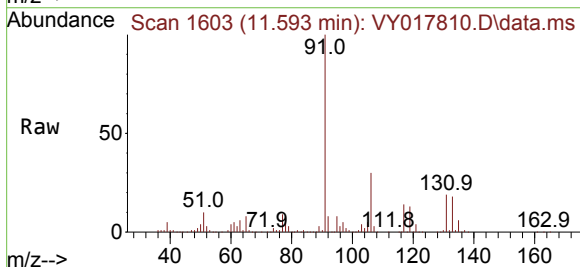
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

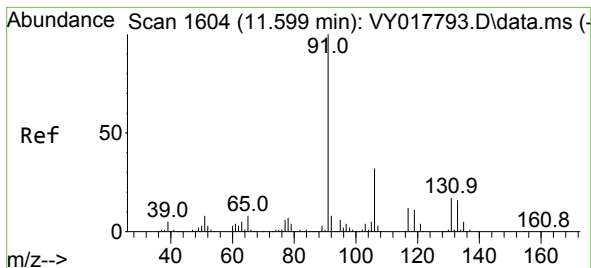
Tgt Ion:112 Resp: 318067
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.521 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion:131 Resp: 109487
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 56.555 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

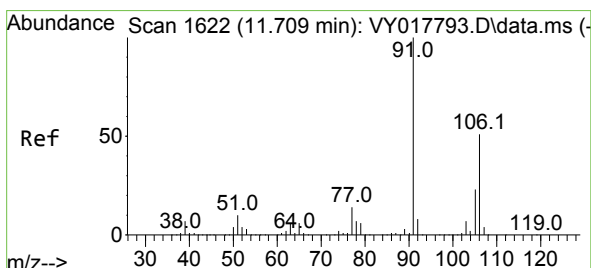
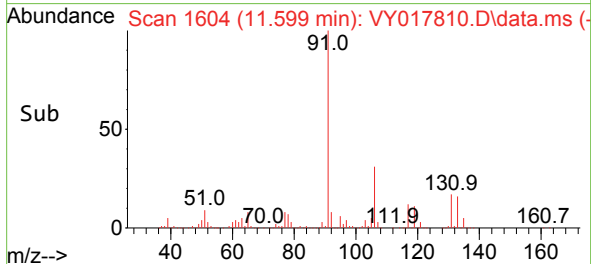
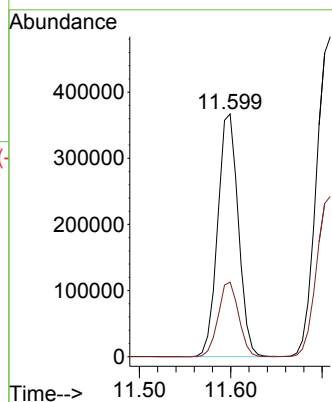
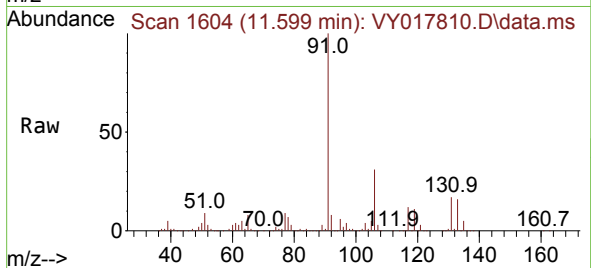
VSTDCCC050EC

Tgt Ion: 91 Resp: 574992

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 113.244 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017810.D

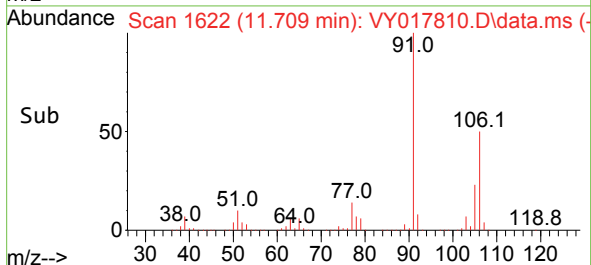
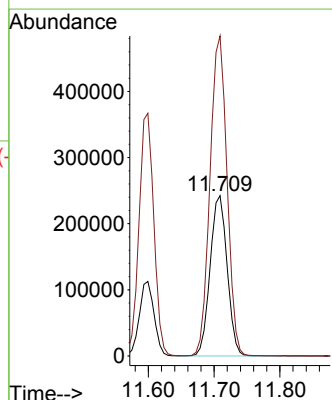
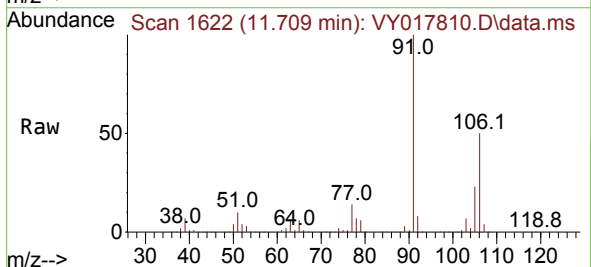
Acq: 01 Apr 2024 17:27

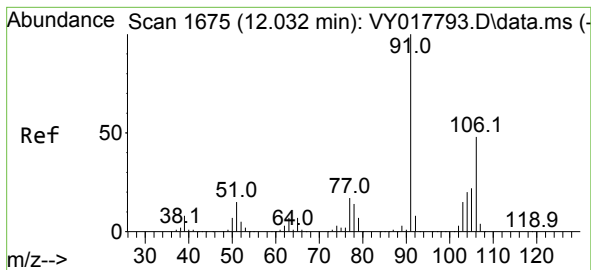
Tgt Ion:106 Resp: 436644

Ion Ratio Lower Upper

106 100

91 199.4 156.0 234.0

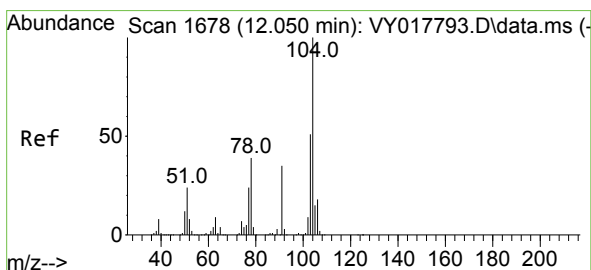
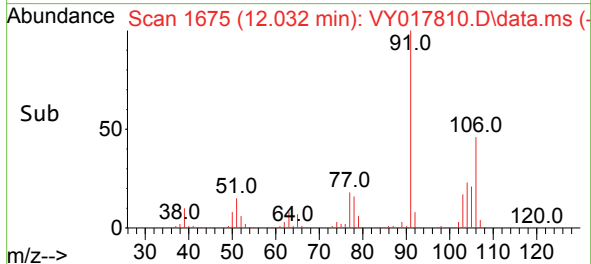
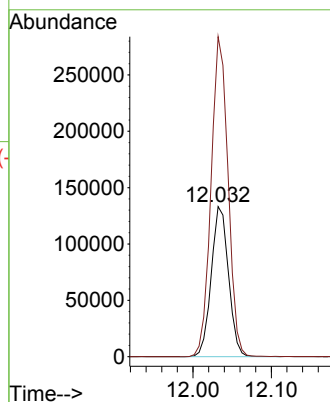
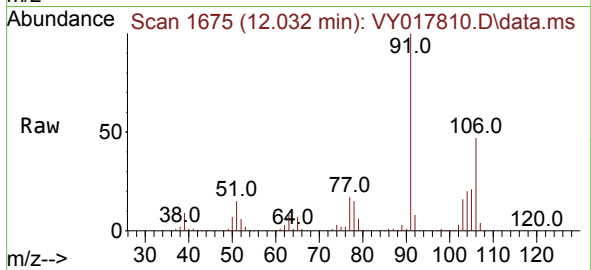




#69
o-Xylene
Concen: 61.179 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

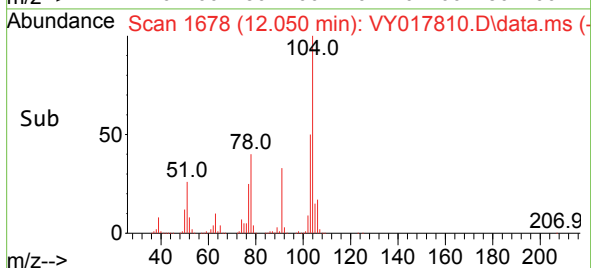
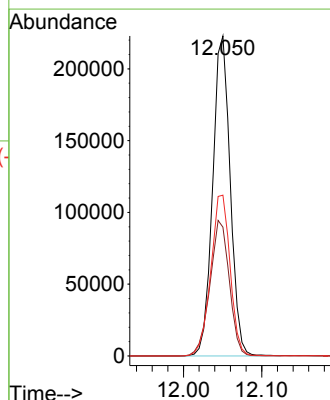
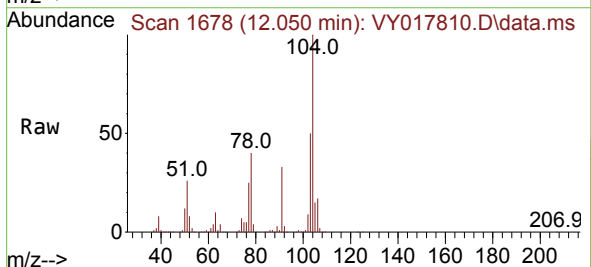
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

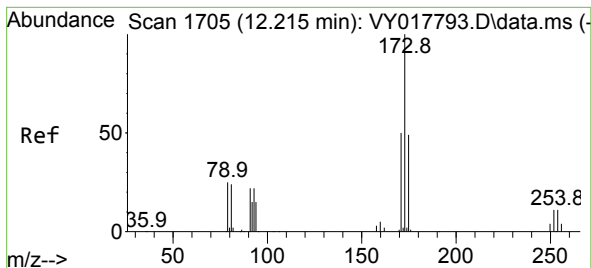
Tgt Ion:106 Resp: 203479
Ion Ratio Lower Upper
106 100
91 210.1 103.6 310.8



#70
Styrene
Concen: 60.621 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion:104 Resp: 346801
Ion Ratio Lower Upper
104 100
78 46.7 37.0 55.4
103 55.5 44.2 66.2





#71

Bromoform

Concen: 51.648 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

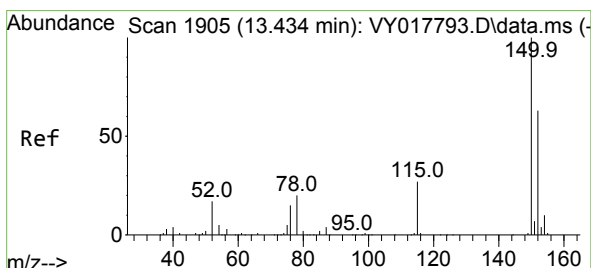
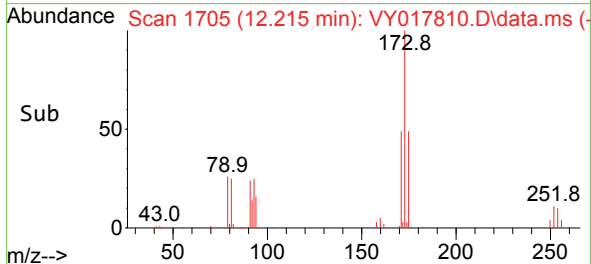
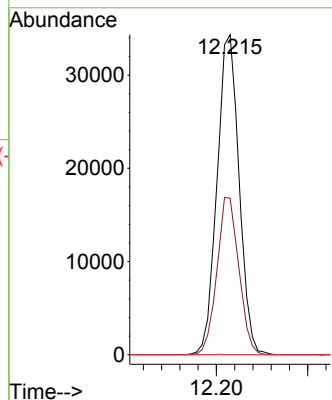
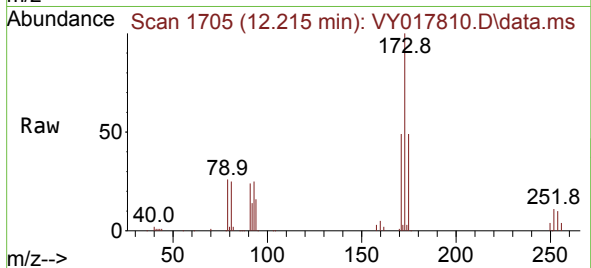
Tgt Ion:173 Resp: 57491

Ion Ratio Lower Upper

173 100

175 48.9 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: VY017810.D

Acq: 01 Apr 2024 17:27

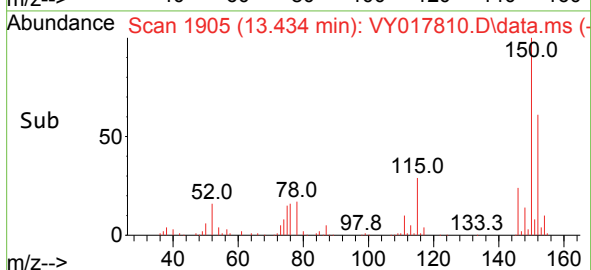
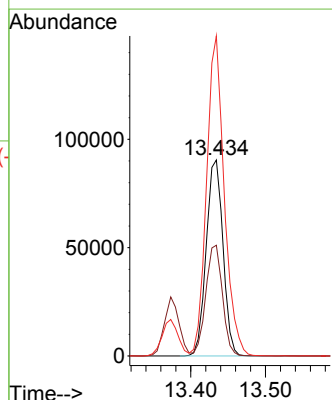
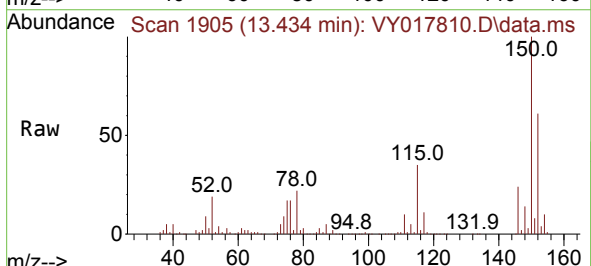
Tgt Ion:152 Resp: 141125

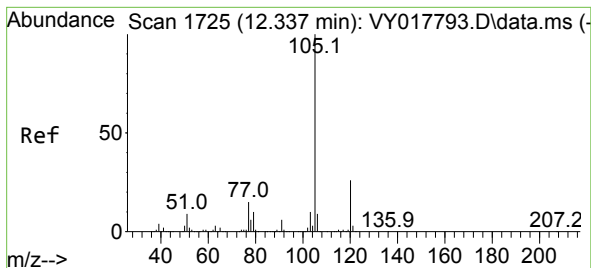
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 172.1 0.0 345.6





#73

Isopropylbenzene

Concen: 53.827 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

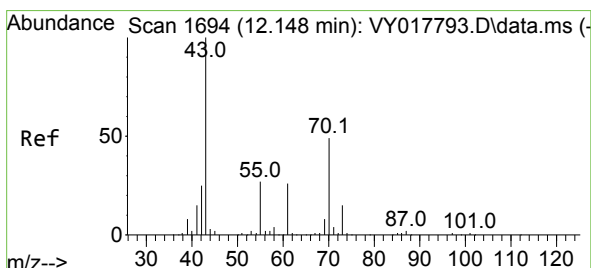
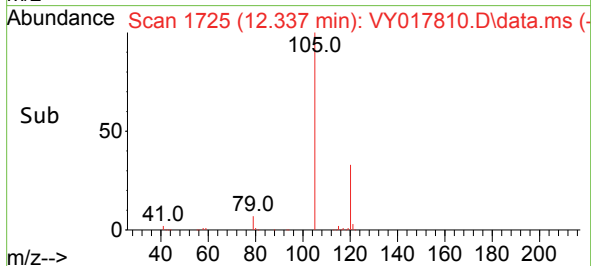
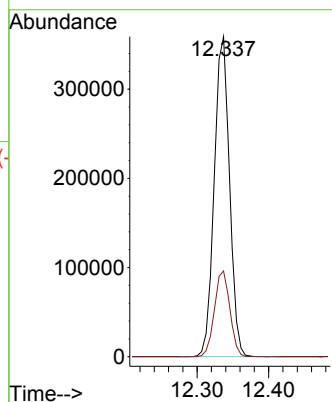
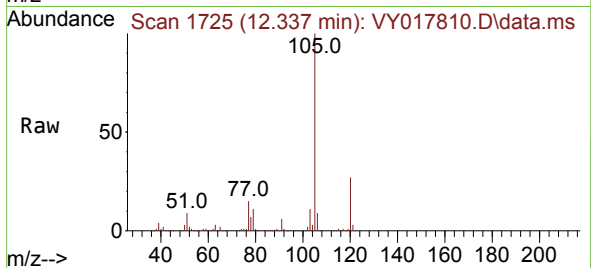
VSTDCCC050EC

Tgt Ion:105 Resp: 532352

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 52.426 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Tgt Ion: 43 Resp: 98703

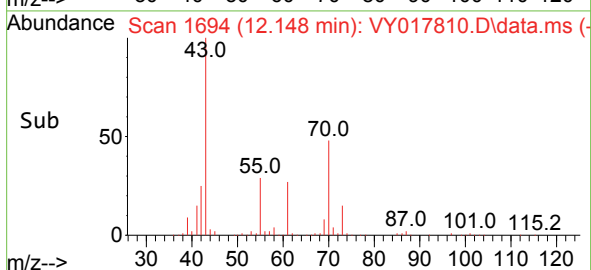
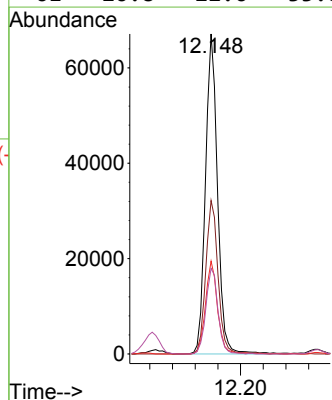
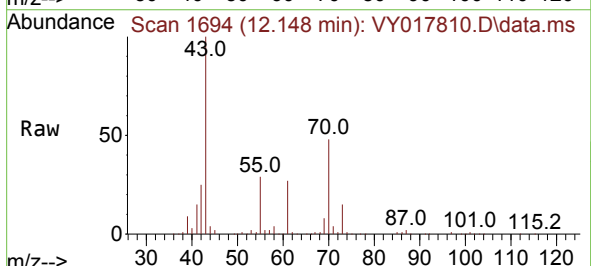
Ion Ratio Lower Upper

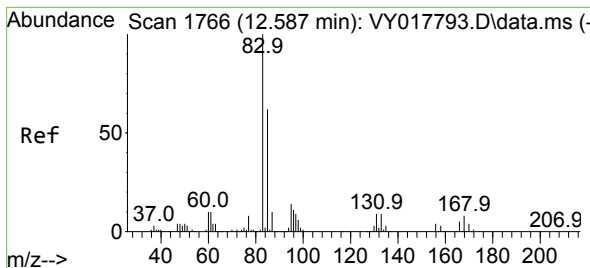
43 100

70 48.8 41.4 62.2

55 29.2 23.3 34.9

61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.013 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

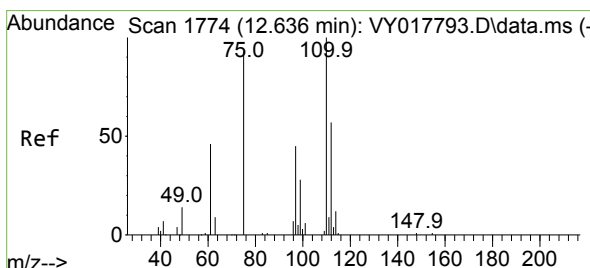
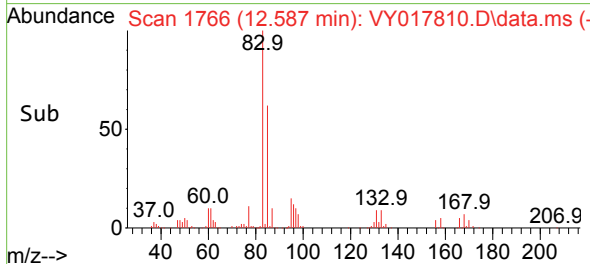
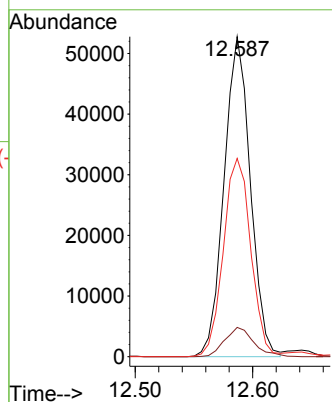
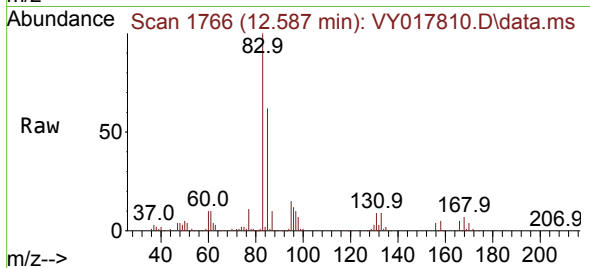
Tgt Ion: 83 Resp: 82141

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.818 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017810.D

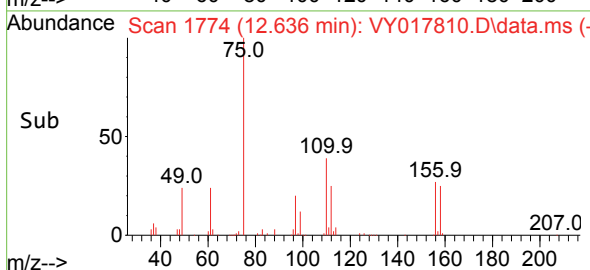
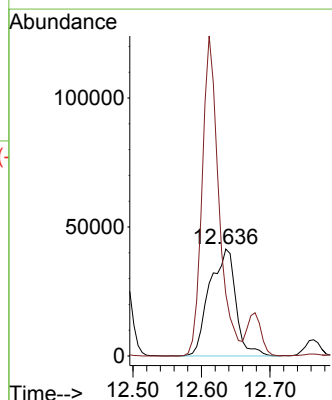
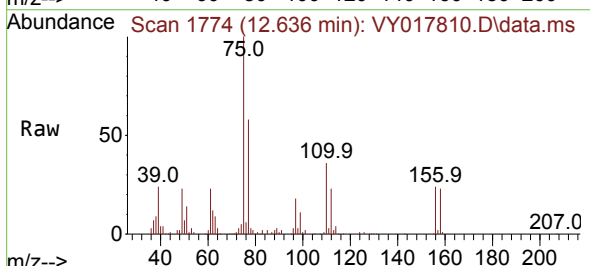
Acq: 01 Apr 2024 17:27

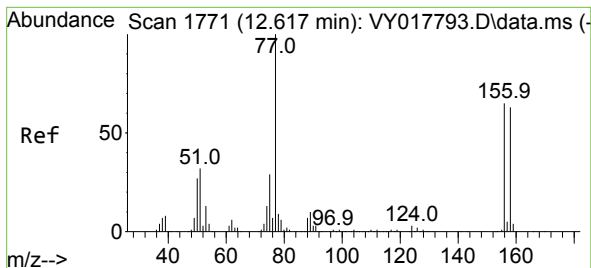
Tgt Ion: 75 Resp: 110363

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.056 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

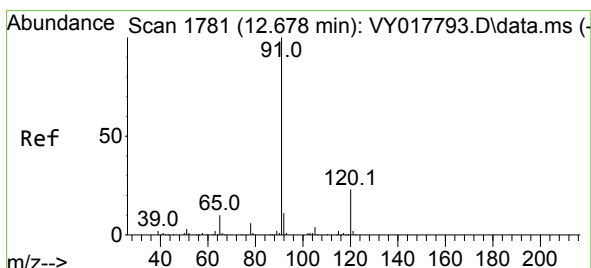
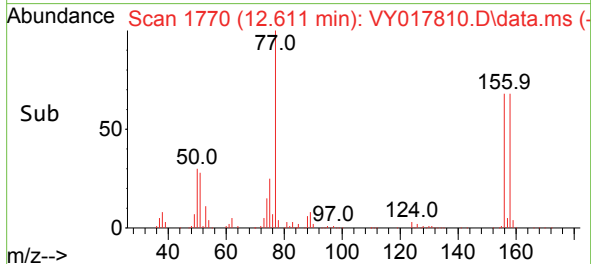
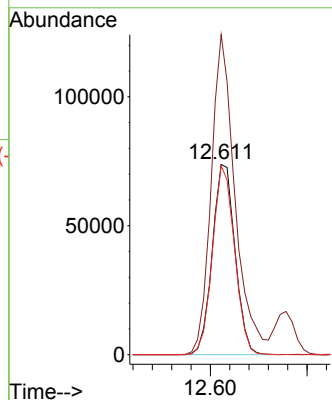
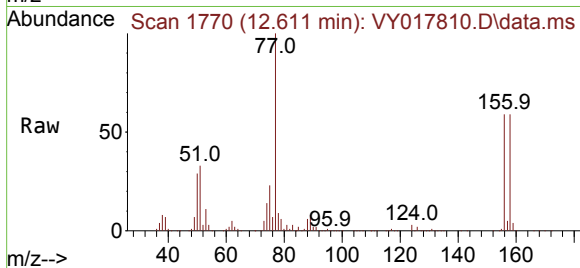
Tgt Ion:156 Resp: 120261

Ion Ratio Lower Upper

156 100

77 177.3 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 54.574 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017810.D

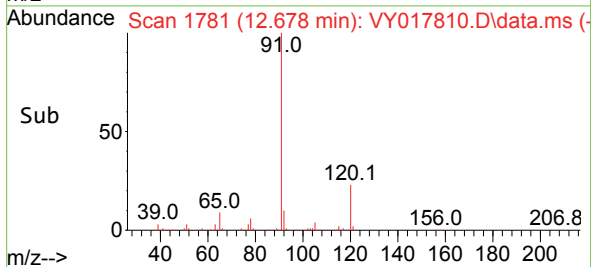
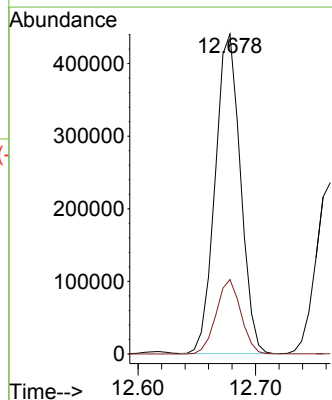
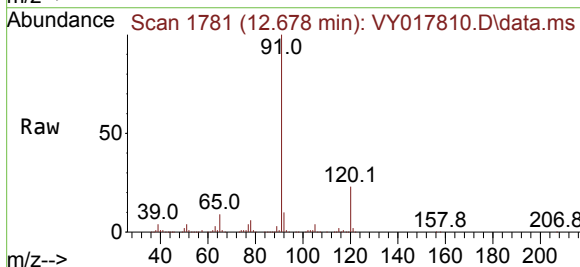
Acq: 01 Apr 2024 17:27

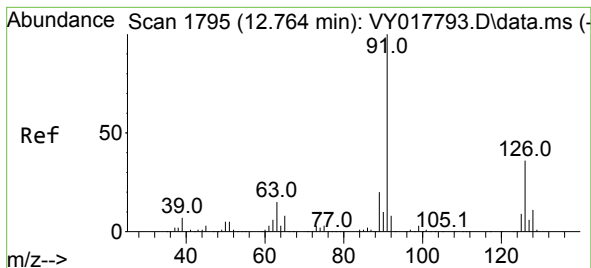
Tgt Ion: 91 Resp: 658586

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.024 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

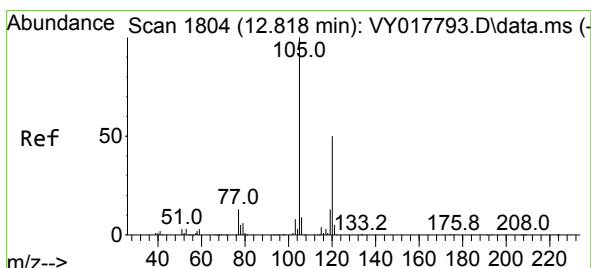
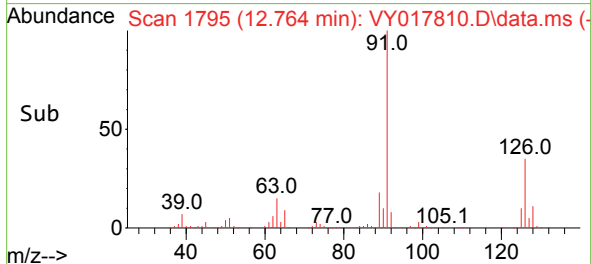
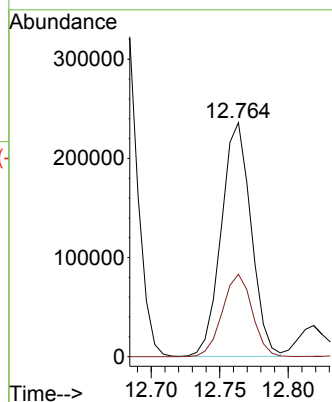
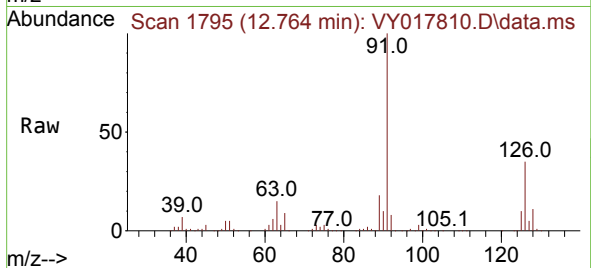
VSTDCCC050EC

Tgt Ion: 91 Resp: 357108

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.723 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017810.D

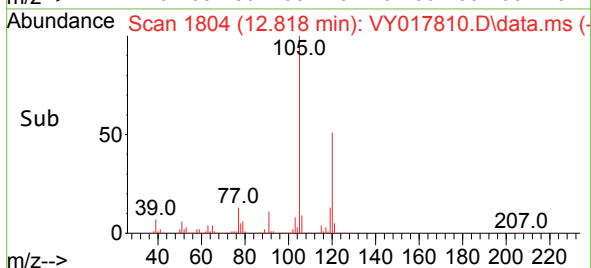
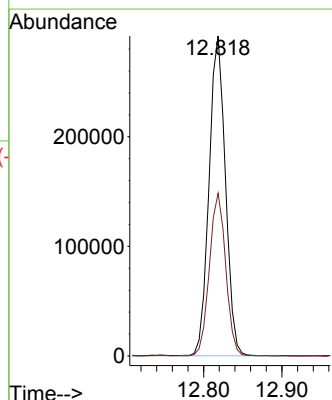
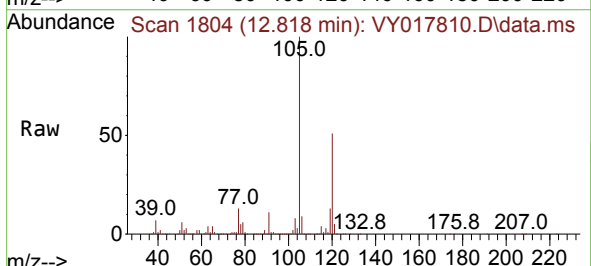
Acq: 01 Apr 2024 17:27

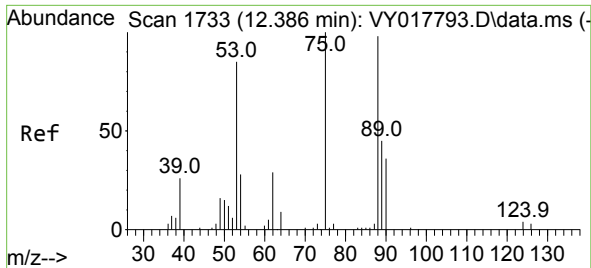
Tgt Ion: 105 Resp: 422376

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

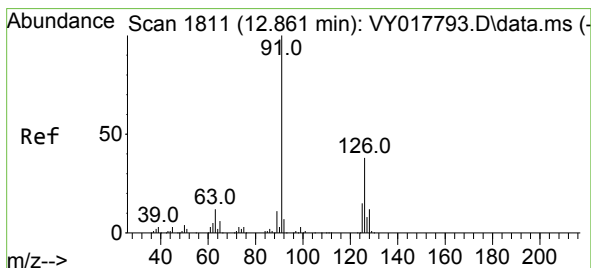
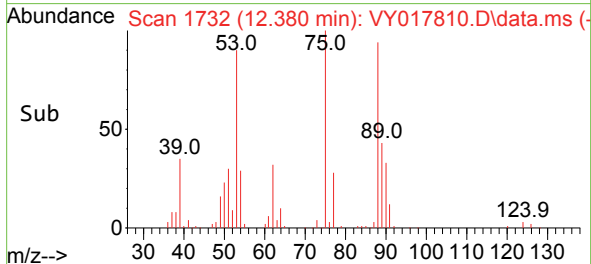
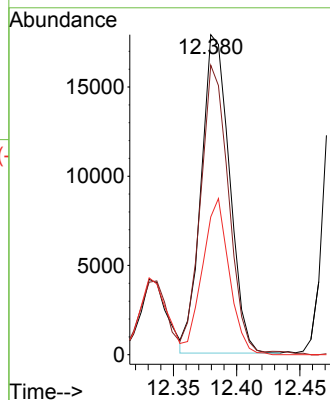
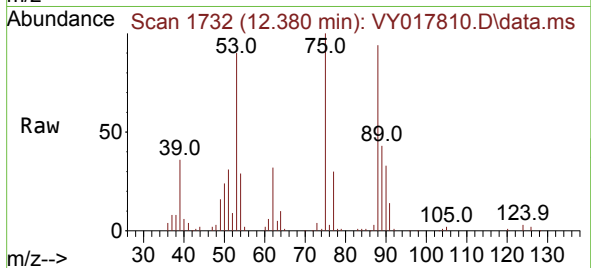




#81
trans-1,4-Dichloro-2-butene
Concen: 50.198 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

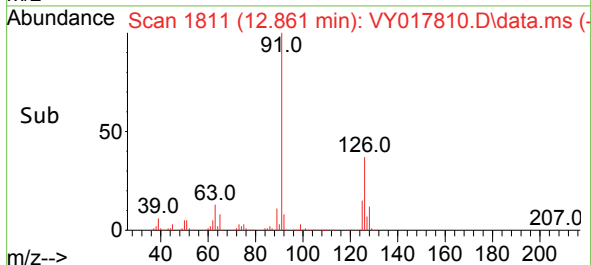
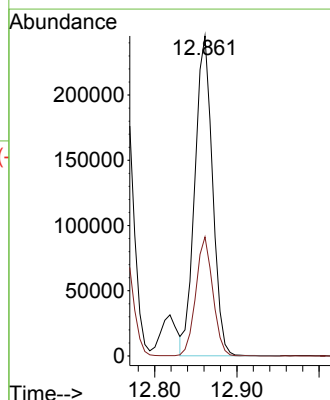
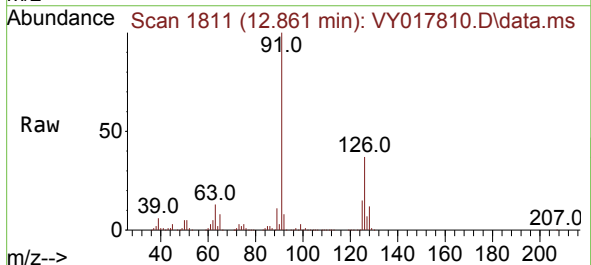
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

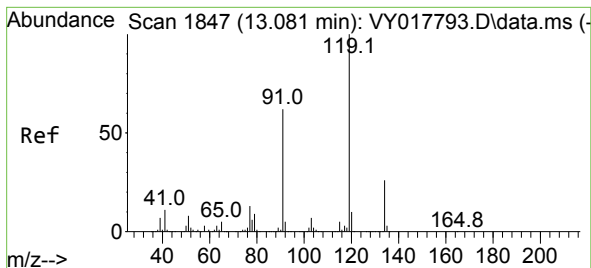
Tgt Ion: 75 Resp: 27707
Ion Ratio Lower Upper
75 100
53 91.0 66.8 100.2
89 46.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.198 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 91 Resp: 364122
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.731 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

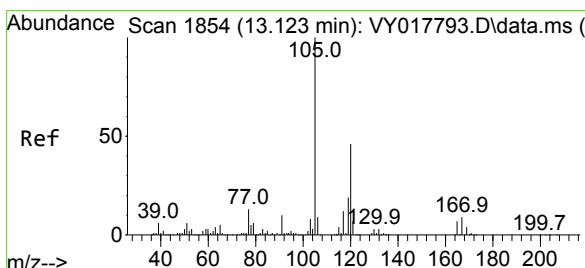
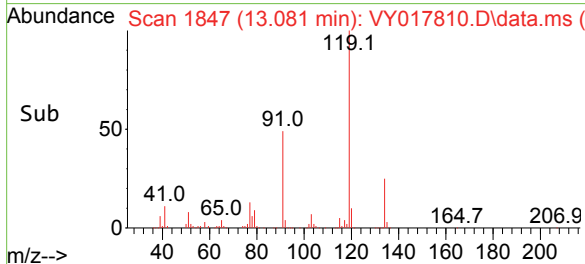
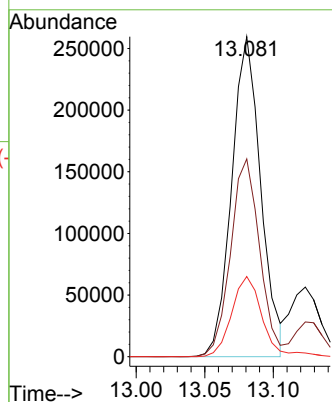
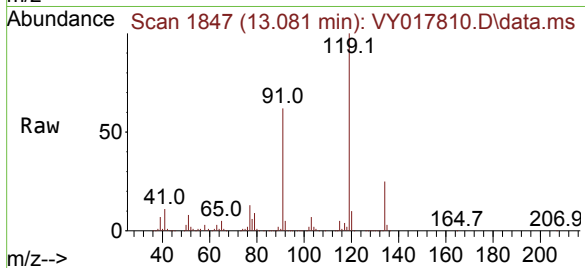
Tgt Ion:119 Resp: 384065

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.096 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017810.D

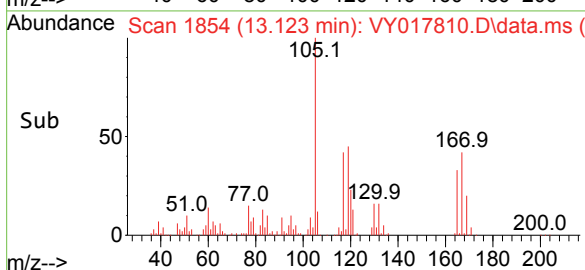
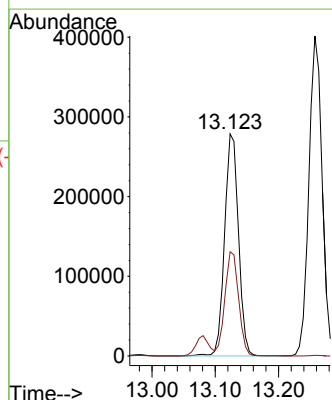
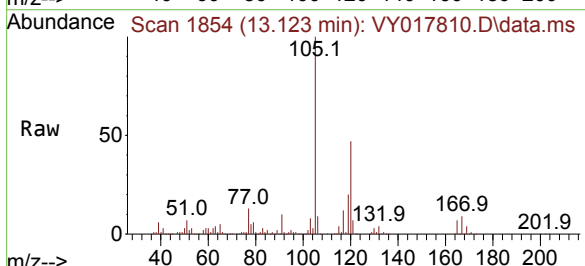
Acq: 01 Apr 2024 17:27

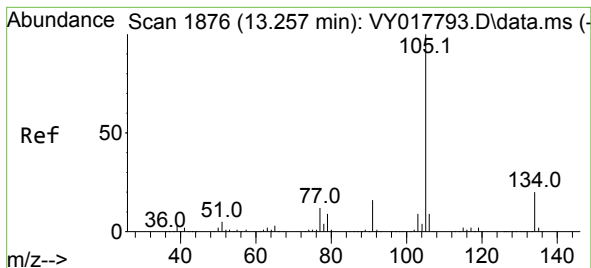
Tgt Ion:105 Resp: 423534

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.208 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

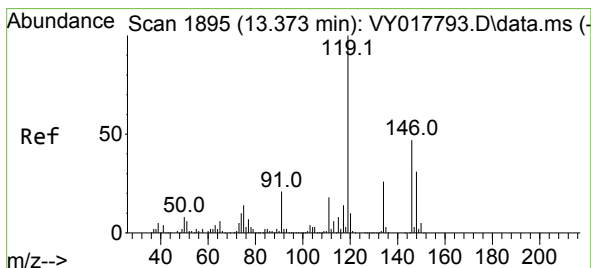
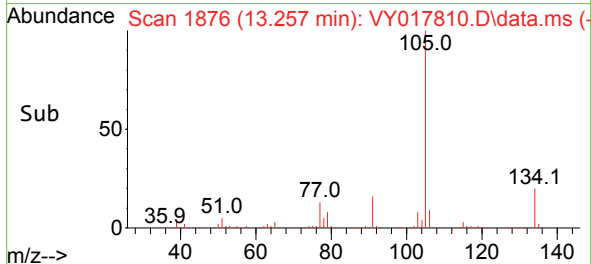
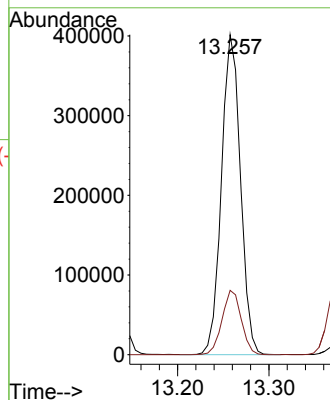
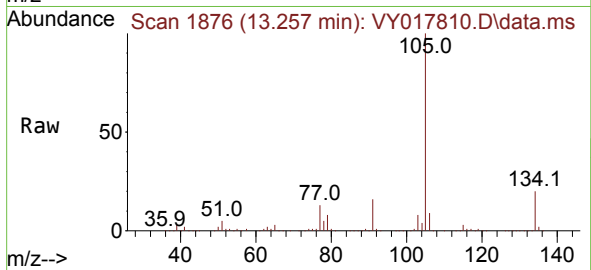
VSTDCCC050EC

Tgt Ion:105 Resp: 581467

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.457 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

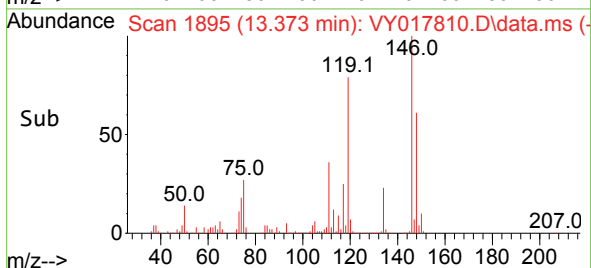
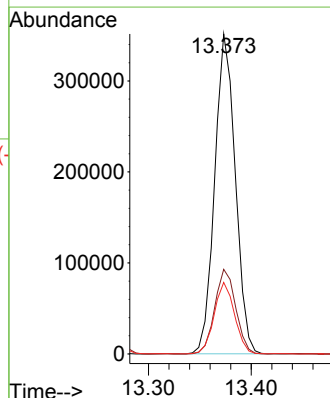
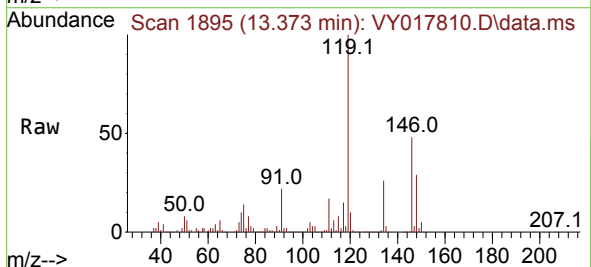
Tgt Ion:119 Resp: 488221

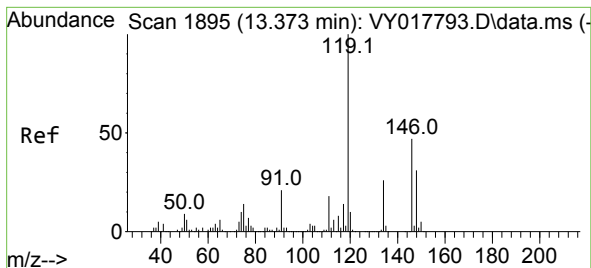
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.096 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

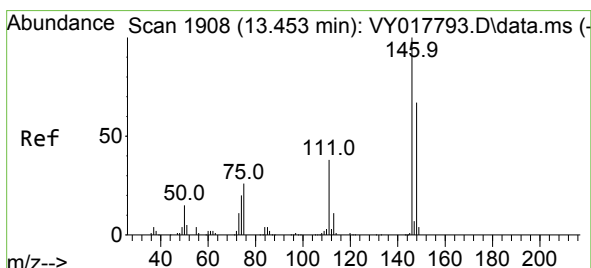
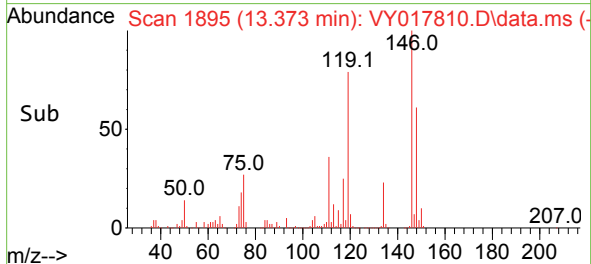
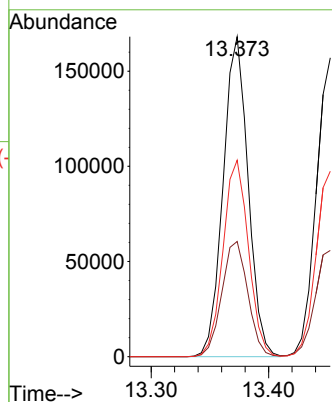
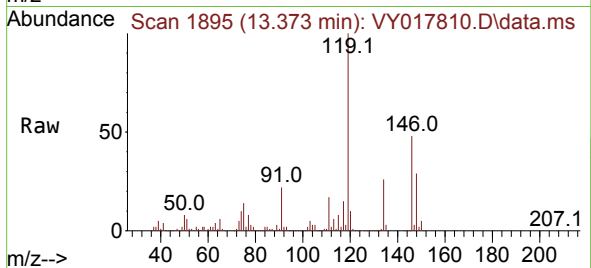
Tgt Ion:146 Resp: 248164

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 62.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.917 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

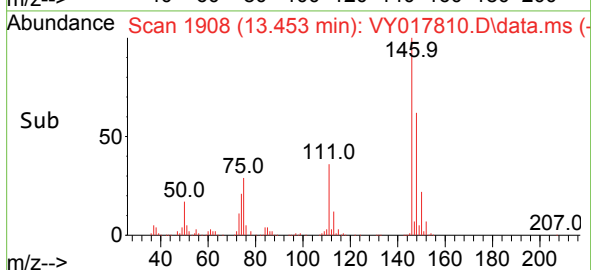
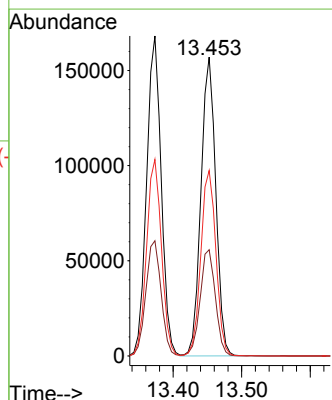
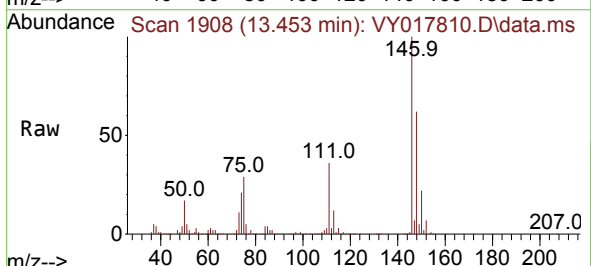
Tgt Ion:146 Resp: 236730

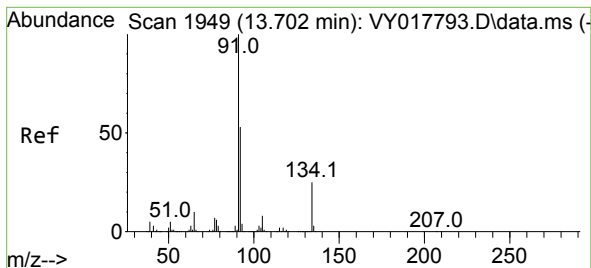
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 56.699 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

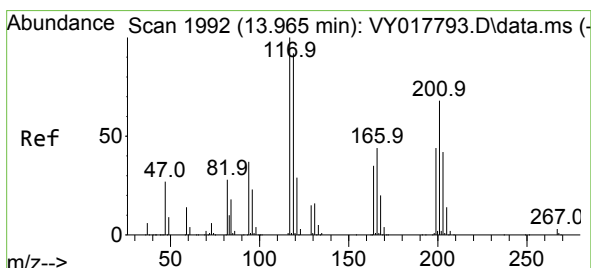
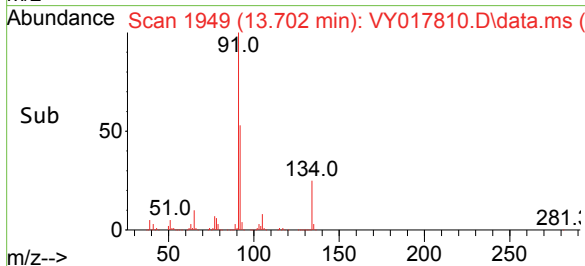
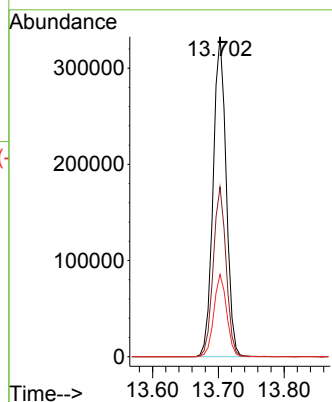
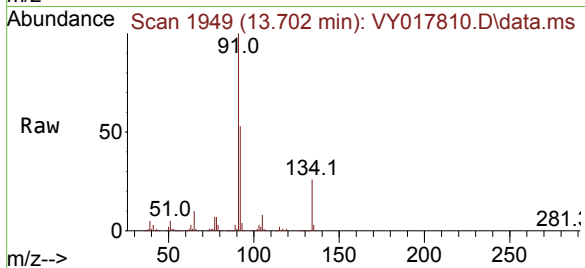
Tgt Ion: 91 Resp: 459242

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 53.854 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017810.D

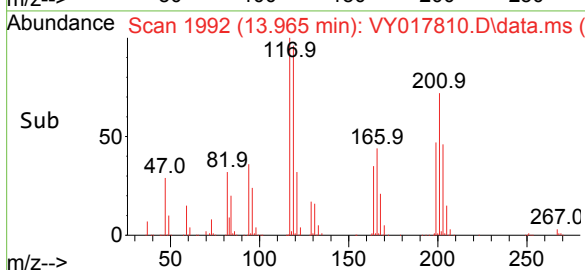
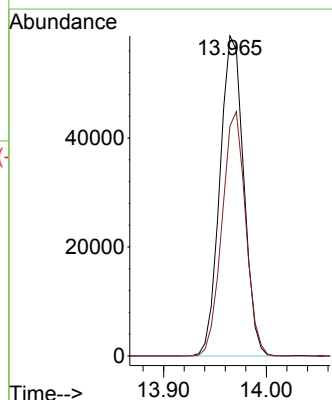
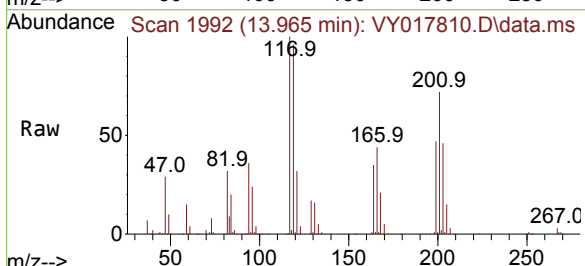
Acq: 01 Apr 2024 17:27

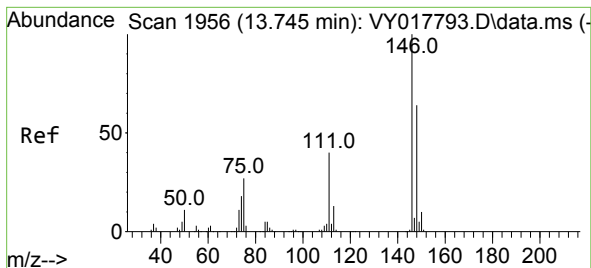
Tgt Ion: 117 Resp: 94276

Ion Ratio Lower Upper

117 100

201 75.8 37.4 112.2

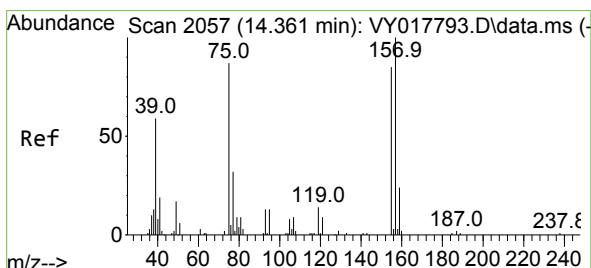
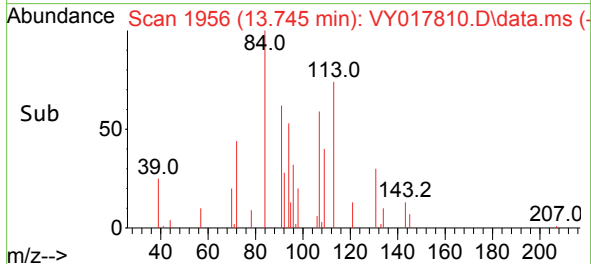
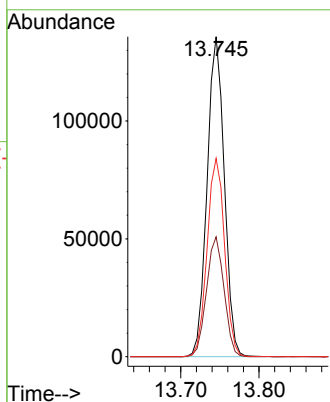
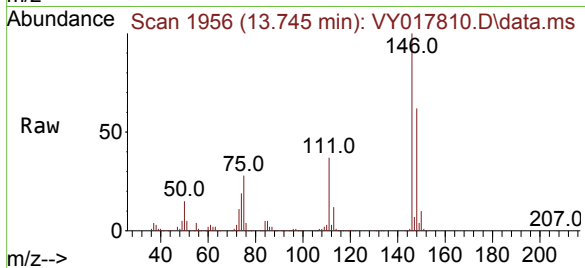




#91
1,2-Dichlorobenzene
Concen: 53.382 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

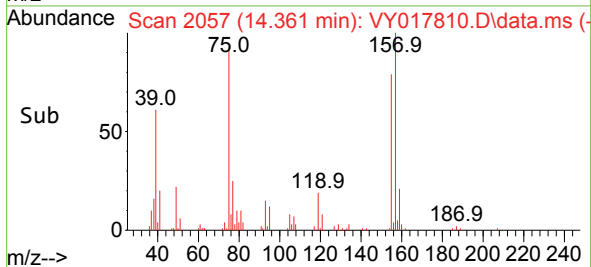
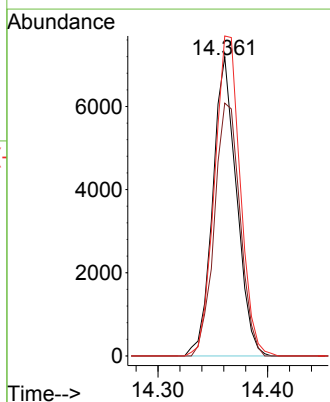
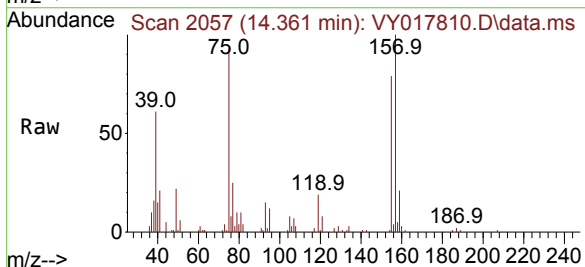
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

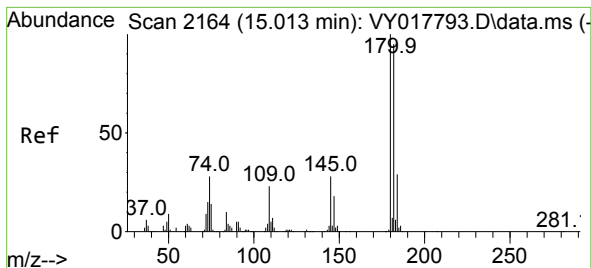
Tgt Ion:146 Resp: 206815
Ion Ratio Lower Upper
146 100
111 38.2 19.9 59.7
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.040 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017810.D
Acq: 01 Apr 2024 17:27

Tgt Ion: 75 Resp: 10875
Ion Ratio Lower Upper
75 100
155 90.7 48.6 145.8
157 115.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.297 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

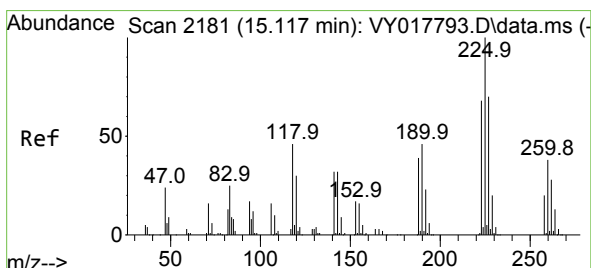
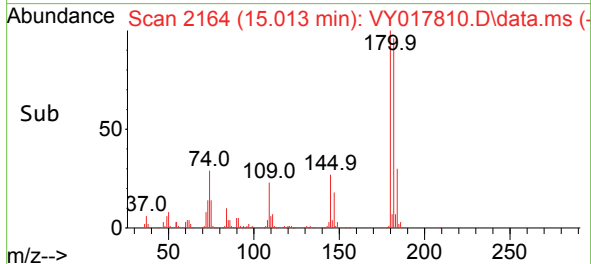
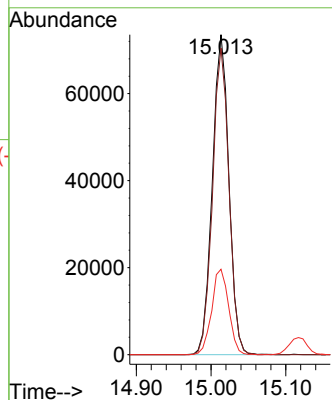
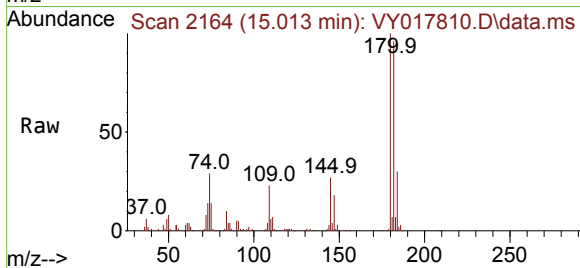
Tgt Ion:180 Resp: 113099

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 27.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.187 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

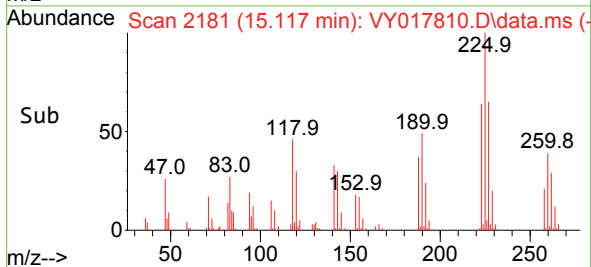
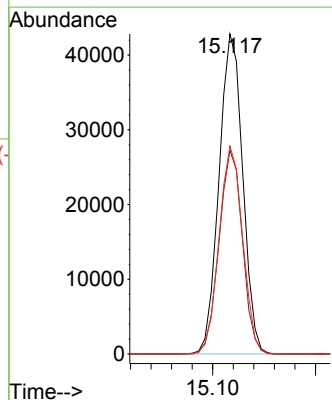
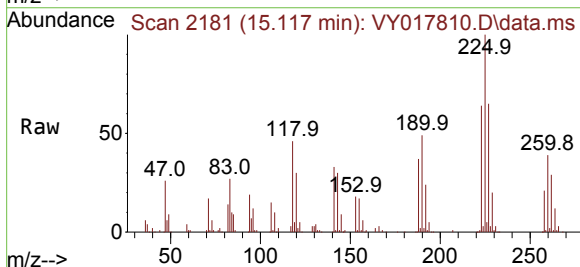
Tgt Ion:225 Resp: 68420

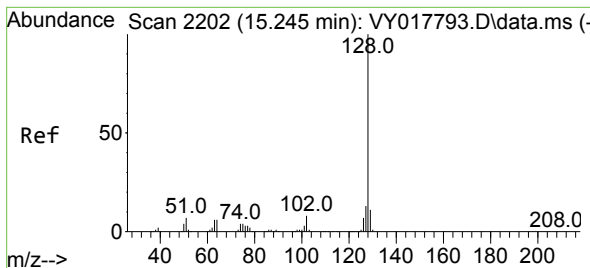
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 51.164 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

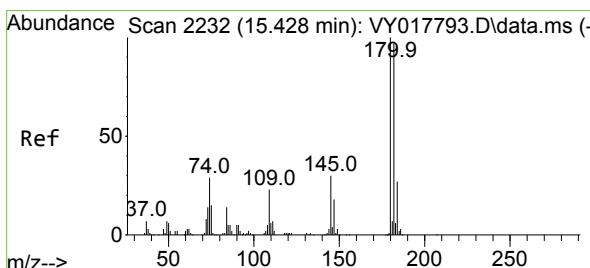
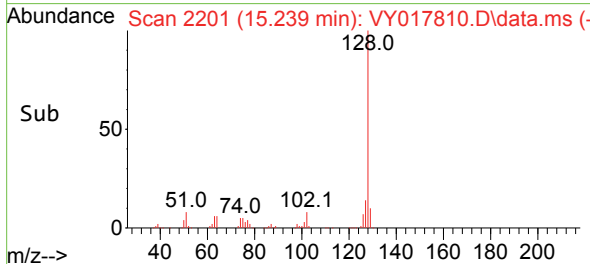
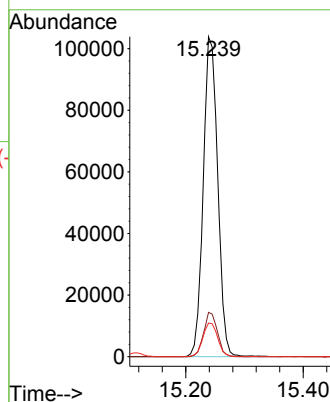
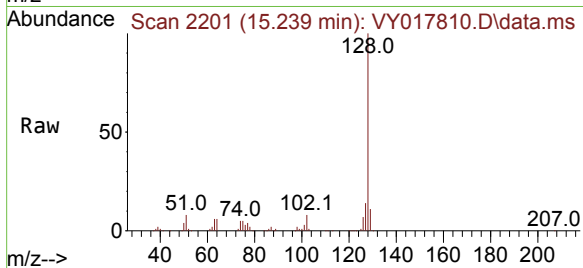
Tgt Ion:128 Resp: 177873

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.996 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017810.D

Acq: 01 Apr 2024 17:27

Tgt Ion:180 Resp: 93202

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 29.2 15.4 46.1

