

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017793.D
 Acq On : 29 Mar 2024 15:56
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 30 05:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	265370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	357530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	171962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105275	45.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.680%
35) Dibromofluoromethane	7.716	113	112632	46.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.840%
50) Toluene-d8	10.185	98	425762	46.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.489	95	126689	45.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72658	40.941	ug/l	99
3) Chloromethane	2.113	50	153763	44.392	ug/l	97
4) Vinyl Chloride	2.247	62	198962	43.953	ug/l	98
5) Bromomethane	2.650	94	153017	41.807	ug/l	99
6) Chloroethane	2.790	64	129922	43.990	ug/l	97
7) Trichlorofluoromethane	3.119	101	188621	42.728	ug/l	97
8) Diethyl Ether	3.521	74	57218	44.125	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	113989	43.057	ug/l	99
10) Methyl Iodide	4.088	142	137740	47.843	ug/l	99
11) Tert butyl alcohol	4.954	59	39618	233.822	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	108893	43.956	ug/l	96
13) Acrolein	3.723	56	36748	228.416	ug/l	95
14) Allyl chloride	4.479	41	135731	44.659	ug/l	99
15) Acrylonitrile	5.161	53	123019	224.747	ug/l	99
16) Acetone	3.942	43	108645	228.884	ug/l	94
17) Carbon Disulfide	4.192	76	332687	47.454	ug/l	99
18) Methyl Acetate	4.479	43	46034	43.784	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	252930	44.591	ug/l	100
20) Methylene Chloride	4.716	84	132195	45.192	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	119101	44.927	ug/l	99
22) Diisopropyl ether	6.118	45	314166	44.723	ug/l	98
23) Vinyl Acetate	6.057	43	971727	226.566	ug/l	98
24) 1,1-Dichloroethane	6.015	63	203843	43.721	ug/l	98
25) 2-Butanone	6.984	43	152142	224.994	ug/l	94
26) 2,2-Dichloropropane	6.984	77	170856	42.428	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	139116	44.403	ug/l	96
28) Bromochloromethane	7.332	49	98856	52.138	ug/l	95
29) Tetrahydrofuran	7.350	42	91416	225.305	ug/l	99
30) Chloroform	7.508	83	210385	43.490	ug/l	98
31) Cyclohexane	7.789	56	173680	42.933	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	177951	43.220	ug/l	96
36) 1,1-Dichloropropene	7.917	75	158526	44.777	ug/l	97
37) Ethyl Acetate	7.076	43	66209	43.336	ug/l	99
38) Carbon Tetrachloride	7.905	117	160416	43.647	ug/l	97
39) Methylcyclohexane	9.191	83	201125	45.480	ug/l	98
40) Benzene	8.161	78	478173	43.827	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	31335	37.460	ug/l	94
42) 1,2-Dichloroethane	8.240	62	118185	44.009	ug/l	99
43) Isopropyl Acetate	8.277	43	120888	43.600	ug/l	98
44) Trichloroethene	8.941	130	124624	43.903	ug/l	95
45) 1,2-Dichloropropane	9.222	63	110804	43.705	ug/l	99
46) Dibromomethane	9.307	93	63567	44.132	ug/l	98
47) Bromodichloromethane	9.502	83	158989	43.684	ug/l	98
48) Methyl methacrylate	9.295	41	55734	47.742	ug/l	99
49) 1,4-Dioxane	9.301	88	14679	907.804	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	330646	242.151	ug/l	100
52) Toluene	10.246	92	292266	44.162	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	142621	44.134	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	173883	44.088	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	82231	42.845	ug/l	93
56) Ethyl methacrylate	10.514	69	114002	48.667	ug/l	99
57) 1,3-Dichloropropane	10.794	76	141669	43.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	330951	273.084	ug/l	98
59) 2-Hexanone	10.837	43	236286	243.113	ug/l	98
60) Dibromochloromethane	10.990	129	104830	43.306	ug/l	99
61) 1,2-Dibromoethane	11.093	107	77136	44.076	ug/l	99
64) Tetrachloroethene	10.727	164	137310	44.032	ug/l	99
65) Chlorobenzene	11.520	112	320319	43.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	108122	43.418	ug/l	98
67) Ethyl Benzene	11.599	91	558035	44.261	ug/l	98
68) m/p-Xylenes	11.709	106	425508	88.991	ug/l	99
69) o-Xylene	12.032	106	197044	49.831	ug/l	99
70) Styrene	12.050	104	340797	49.985	ug/l	99
71) Bromoform	12.215	173	60262	43.656	ug/l #	98
73) Isopropylbenzene	12.337	105	516731	42.878	ug/l	100
74) N-amyl acetate	12.148	43	109431	48.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	87803	42.119	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	117987	75.193	ug/l #	100
77) Bromobenzene	12.617	156	119632	41.681	ug/l	98
78) n-propylbenzene	12.678	91	638956	43.452	ug/l	99
79) 2-Chlorotoluene	12.764	91	346025	42.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	408765	43.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	31278	47.004	ug/l	97
82) 4-Chlorotoluene	12.861	91	359860	43.147	ug/l	100
83) tert-Butylbenzene	13.081	119	363620	42.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	405240	43.263	ug/l	100
85) sec-Butylbenzene	13.257	105	555967	43.321	ug/l	100
86) p-Isopropyltoluene	13.373	119	459894	42.871	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	236052	41.448	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	229511	42.103	ug/l	99
89) n-Butylbenzene	13.702	91	433049	43.877	ug/l	99
90) Hexachloroethane	13.965	117	88939	41.695	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	204846	43.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11983	42.538	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	116010	44.866	ug/l	98
94) Hexachlorobutadiene	15.117	225	66695	42.549	ug/l	98
95) Naphthalene	15.245	128	200041	47.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	97977	44.858	ug/l	99

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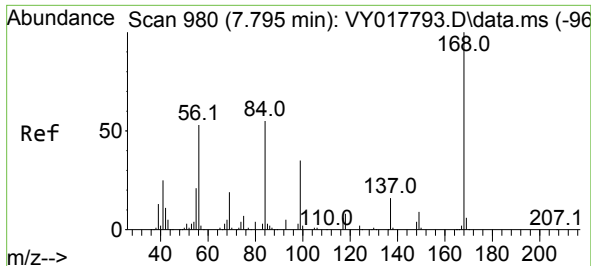
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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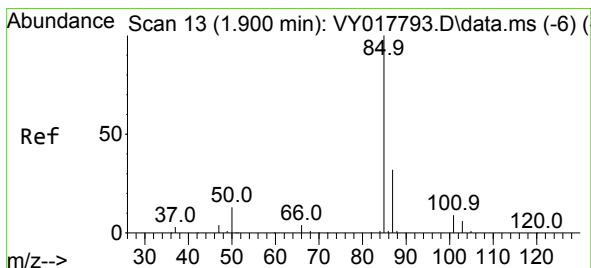
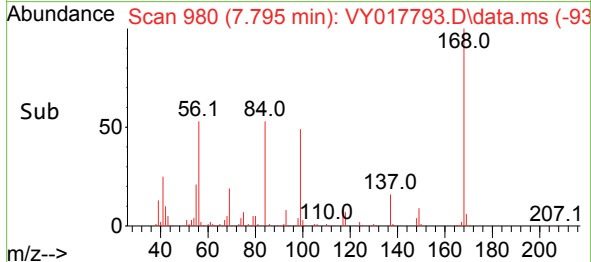
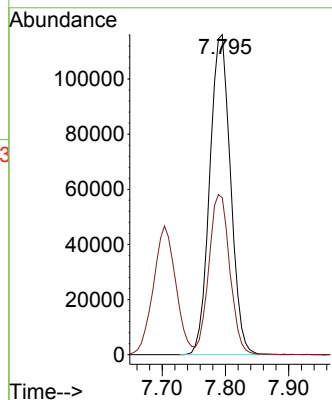
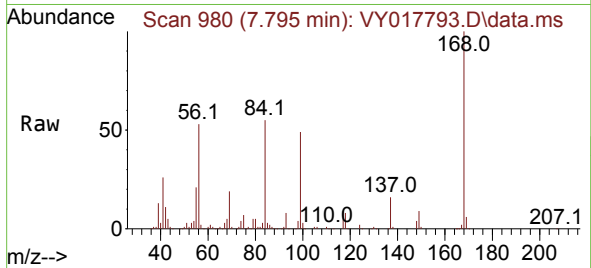




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017793.D
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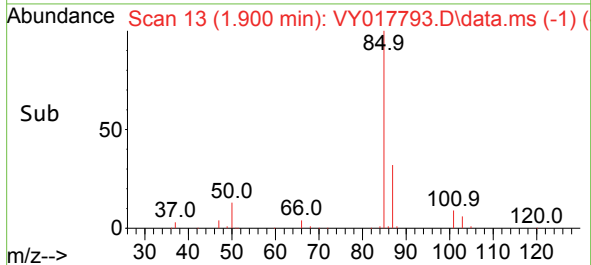
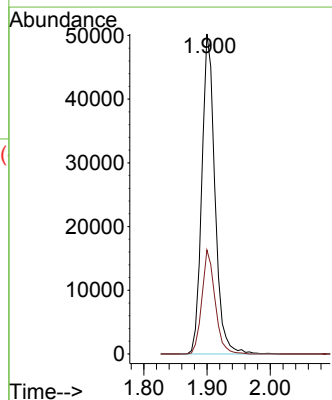
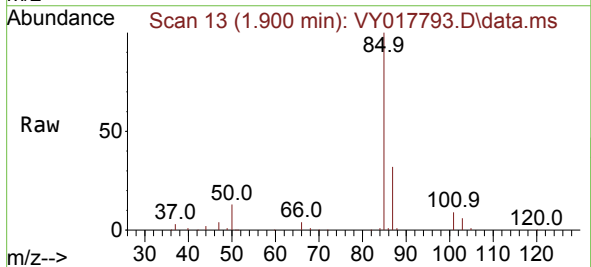
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

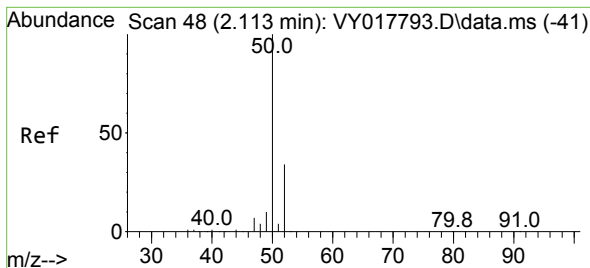
Tgt Ion:168 Resp: 265370
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 40.941 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 85 Resp: 72658
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0





#3

Chloromethane

Concen: 44.392 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

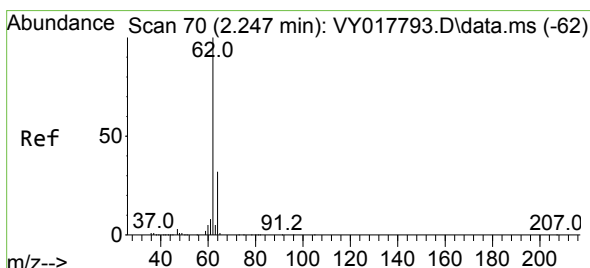
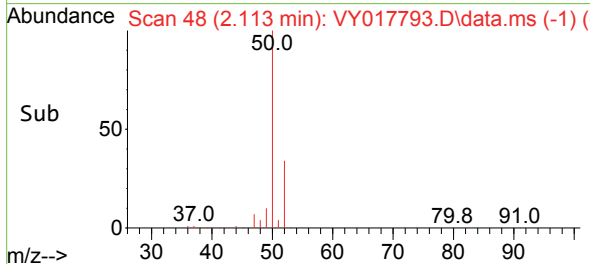
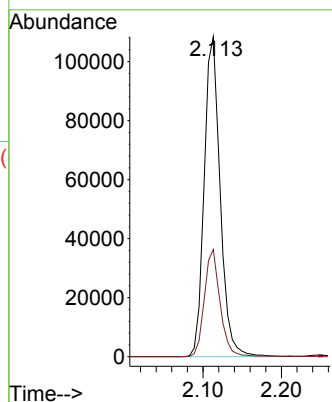
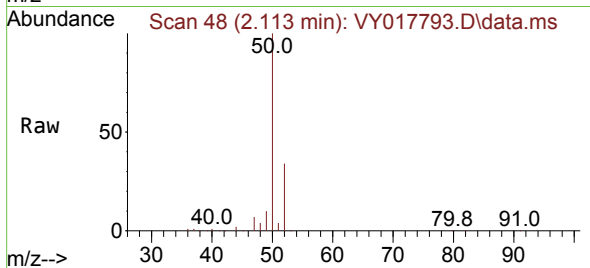
VSTDICCC050

Tgt Ion: 50 Resp: 153763

Ion Ratio Lower Upper

50 100

52 33.5 25.6 38.4



#4

Vinyl Chloride

Concen: 43.953 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017793.D

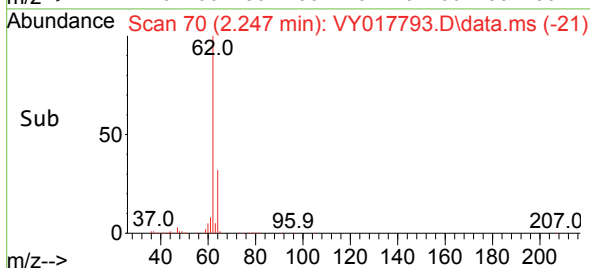
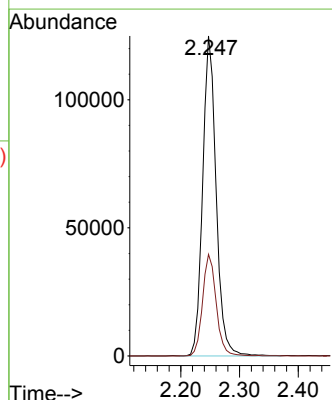
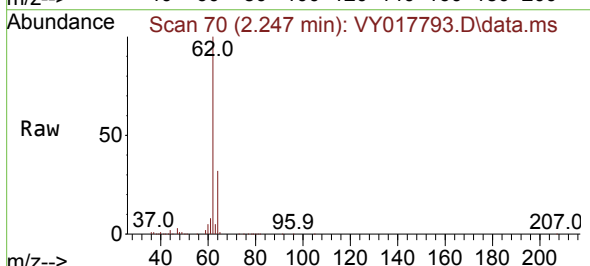
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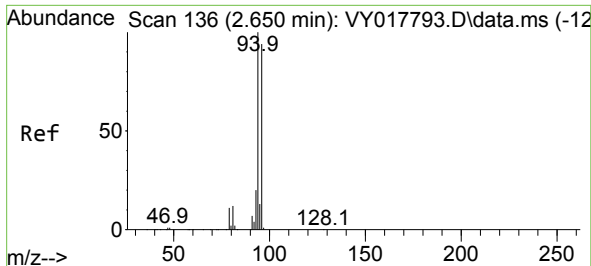
Tgt Ion: 62 Resp: 198962

Ion Ratio Lower Upper

62 100

64 31.7 26.1 39.1

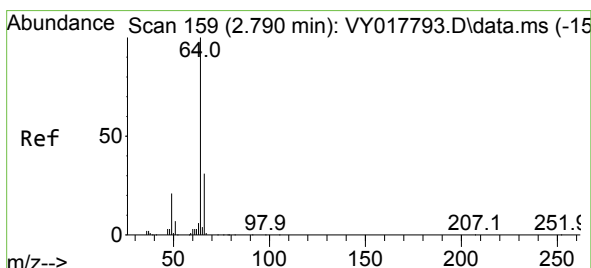
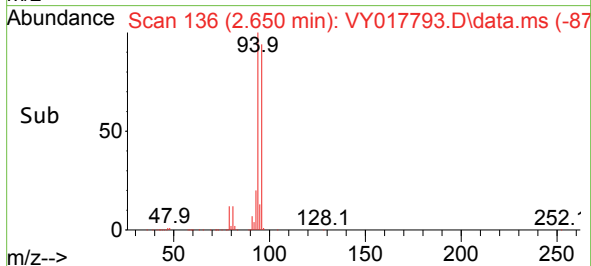
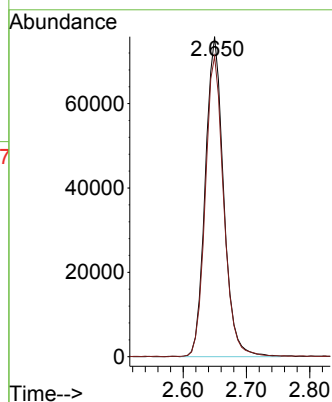
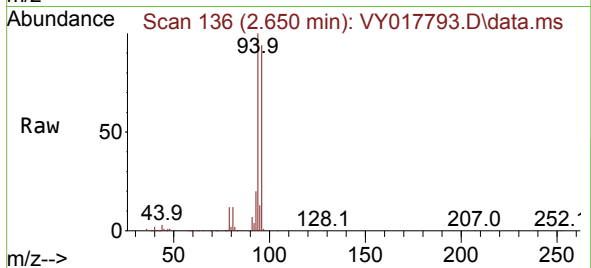




#5
Bromomethane
Concen: 41.807 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

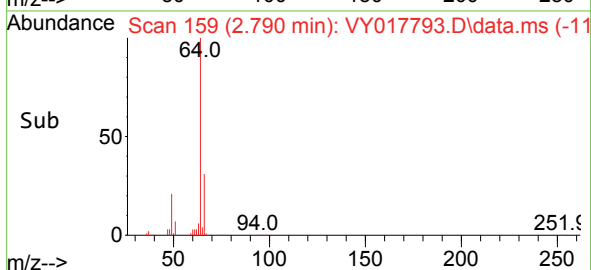
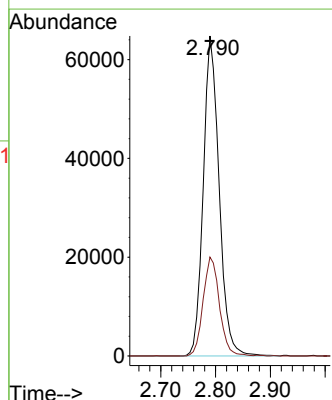
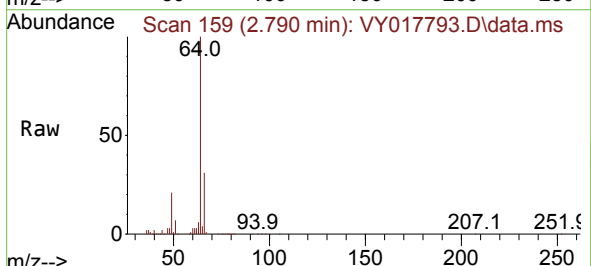
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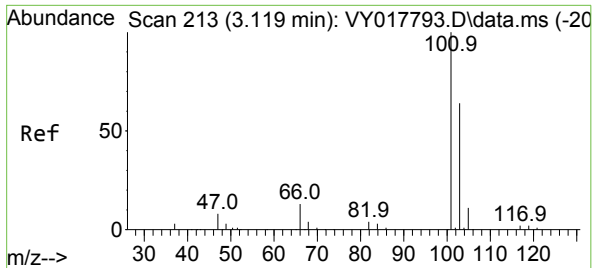
Tgt Ion: 94 Resp: 153017
Ion Ratio Lower Upper
94 100
96 93.8 74.1 111.1



#6
Chloroethane
Concen: 43.990 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 64 Resp: 129922
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

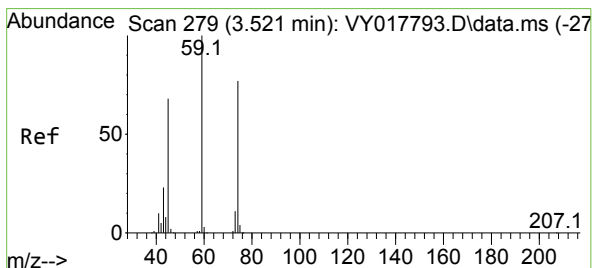
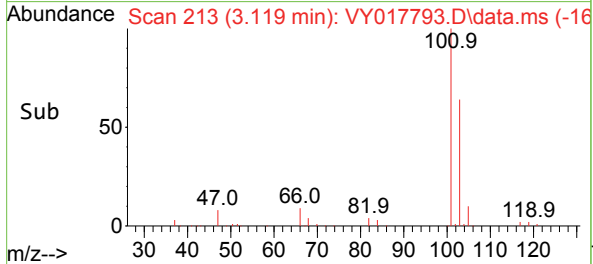
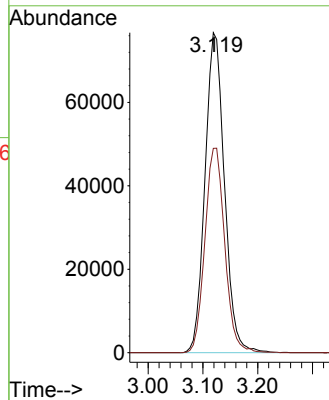
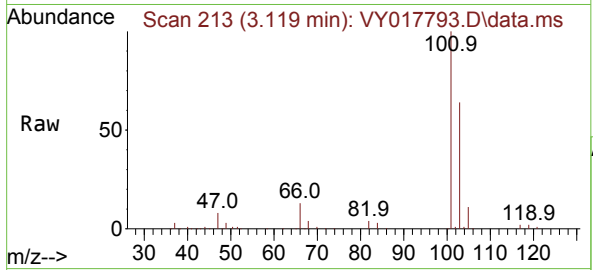




#7
 Trichlorofluoromethane
 Concen: 42.728 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

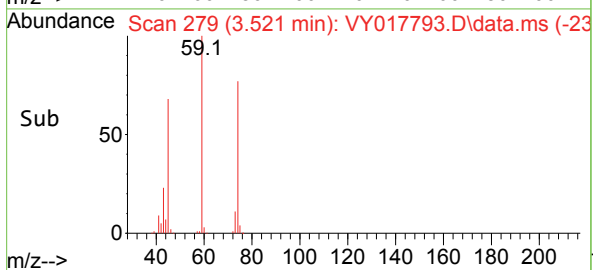
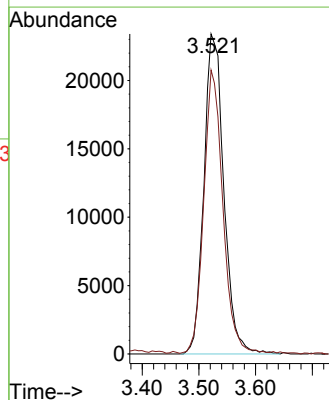
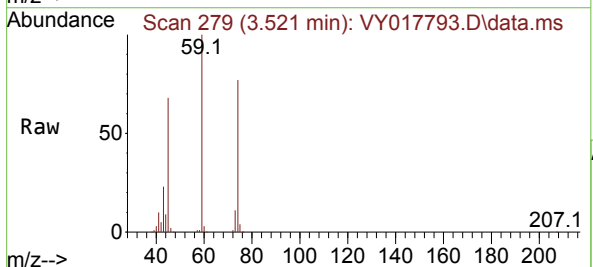
Instrument :
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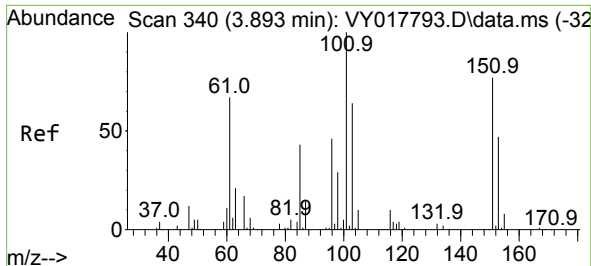
Tgt Ion:101 Resp: 188621
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.125 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

Tgt Ion: 74 Resp: 57218
 Ion Ratio Lower Upper
 74 100
 45 84.5 41.3 124.1

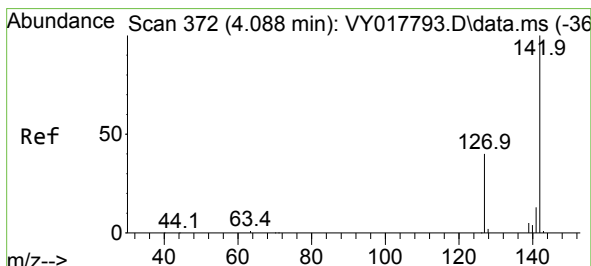
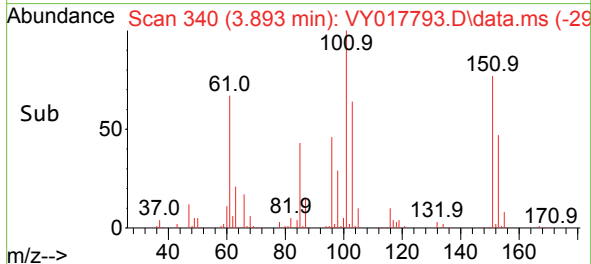
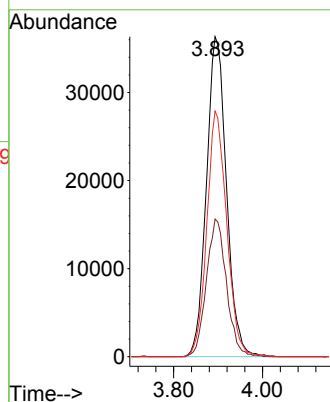
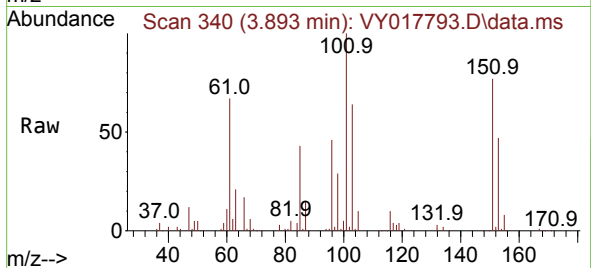




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.057 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

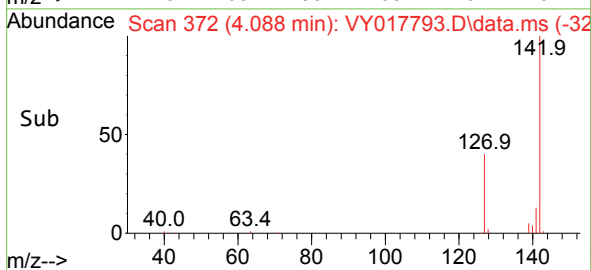
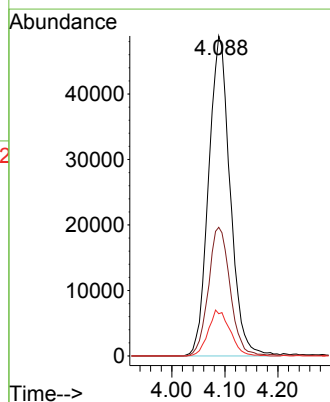
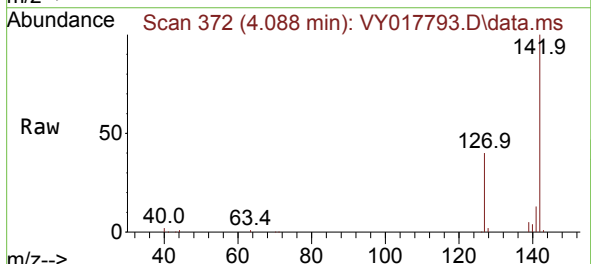
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

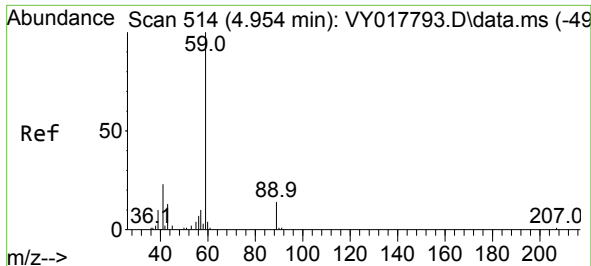
Tgt Ion:101 Resp: 113989
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 76.2 61.7 92.5



#10
Methyl Iodide
Concen: 47.843 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion:142 Resp: 137740
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 233.822 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

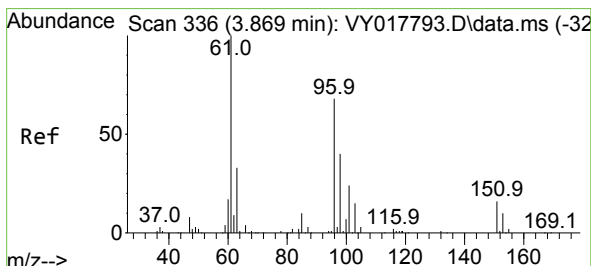
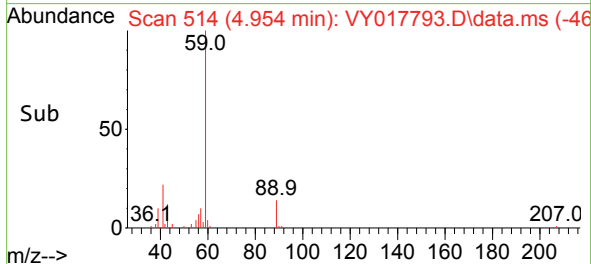
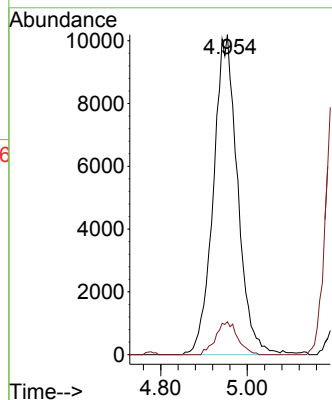
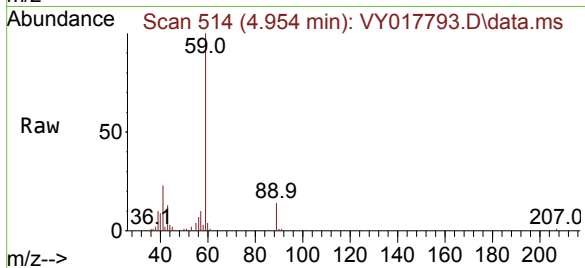
VSTDICCC050

Tgt Ion: 59 Resp: 39618

Ion Ratio Lower Upper

59 100

57 9.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 43.956 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

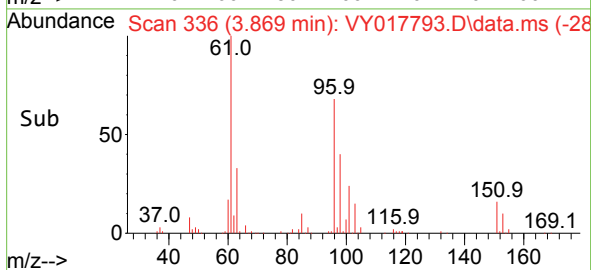
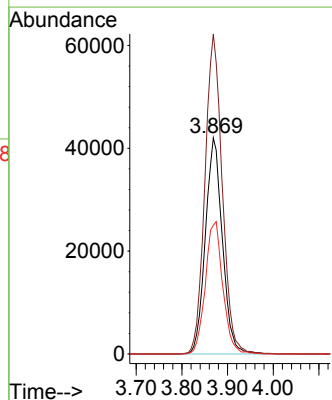
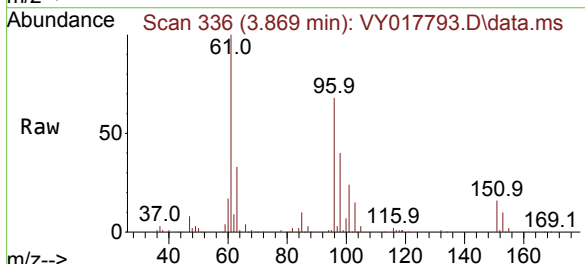
Tgt Ion: 96 Resp: 108893

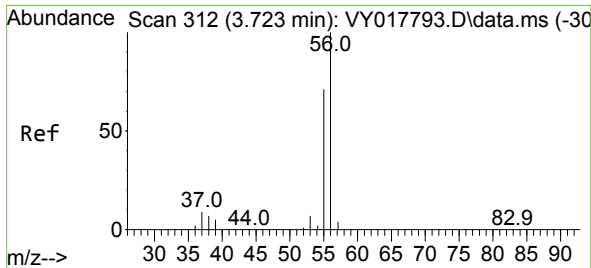
Ion Ratio Lower Upper

96 100

61 148.0 114.6 171.8

98 59.5 50.8 76.2





#13

Acrolein

Concen: 228.416 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

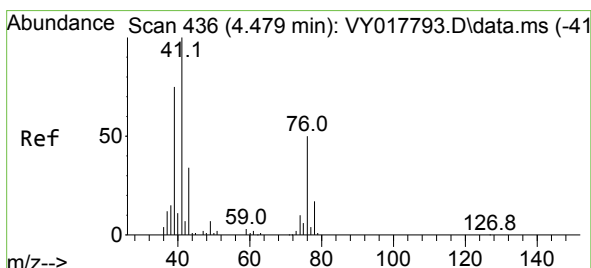
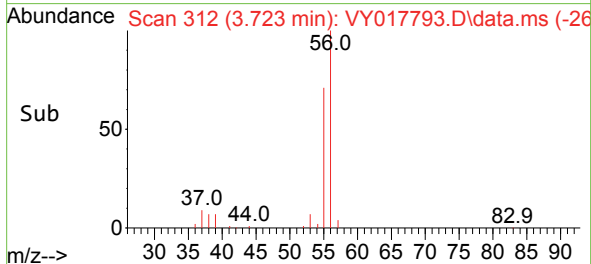
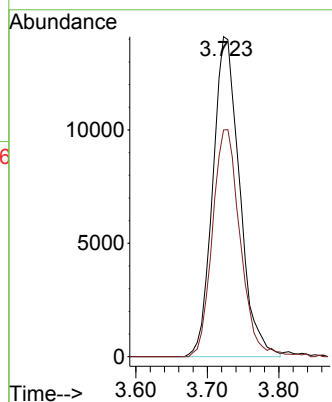
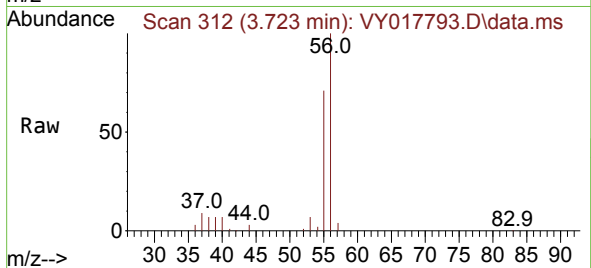
VSTDICCC050

Tgt Ion: 56 Resp: 36748

Ion Ratio Lower Upper

56 100

55 73.3 55.7 83.5



#14

Allyl chloride

Concen: 44.659 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

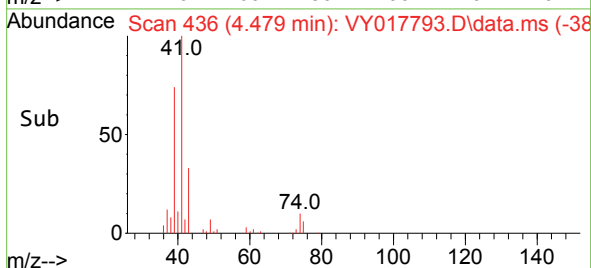
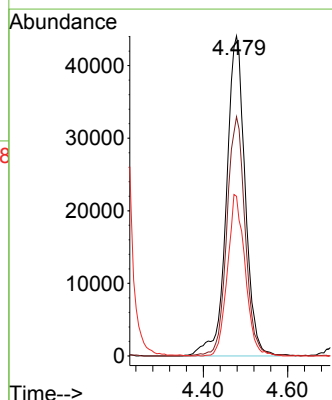
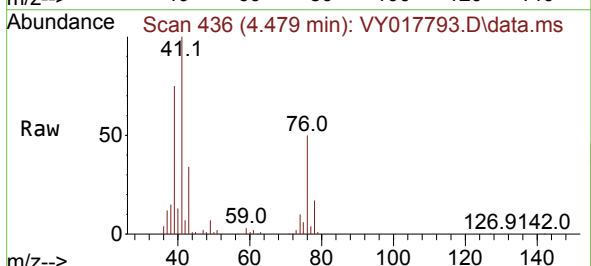
Tgt Ion: 41 Resp: 135731

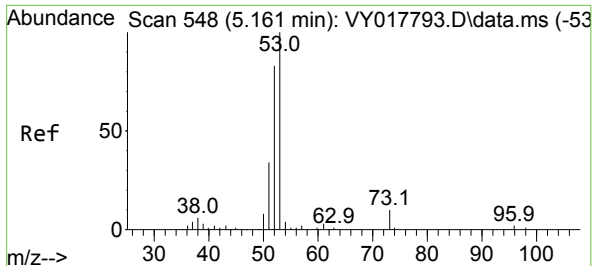
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 47.7 39.0 58.6

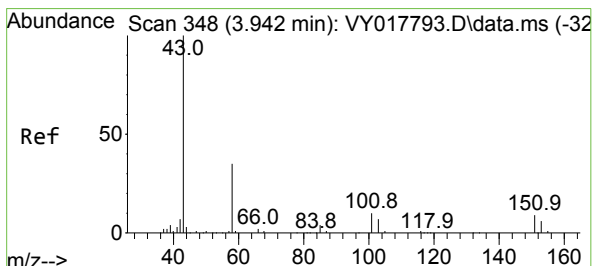
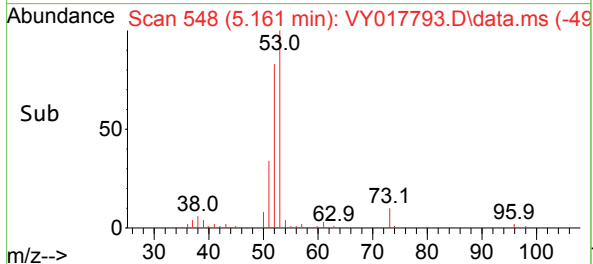
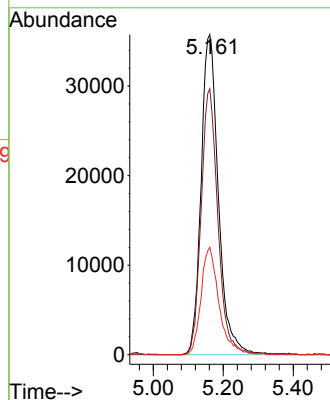
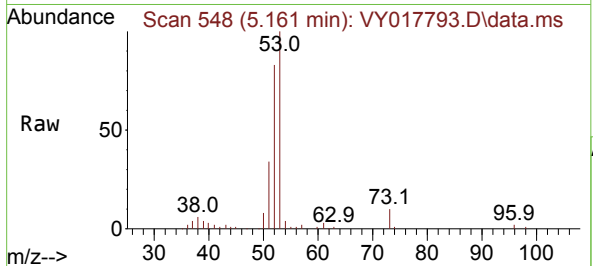




#15
Acrylonitrile
Concen: 224.747 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

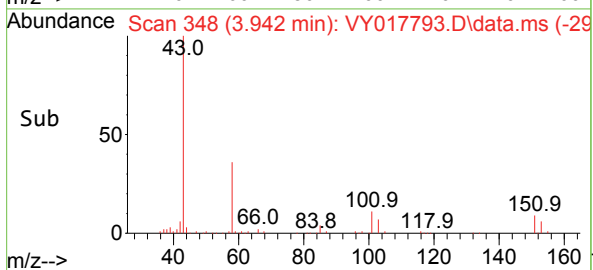
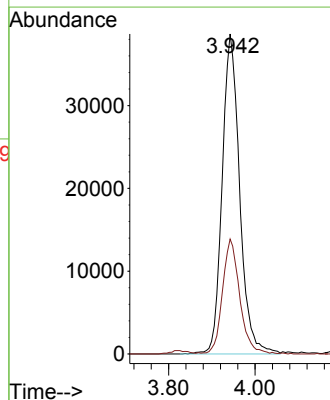
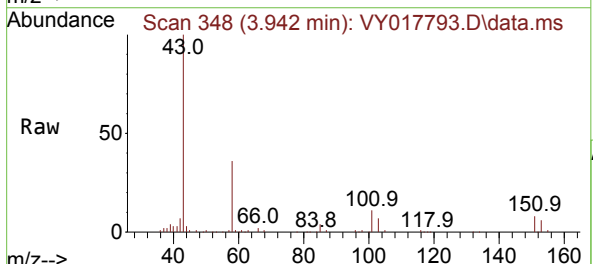
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

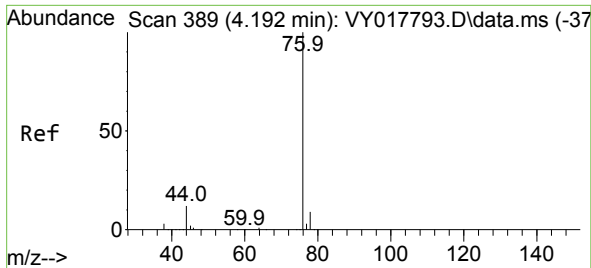
Tgt Ion: 53 Resp: 123019
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 34.9 28.4 42.6



#16
Acetone
Concen: 228.884 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 43 Resp: 108645
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

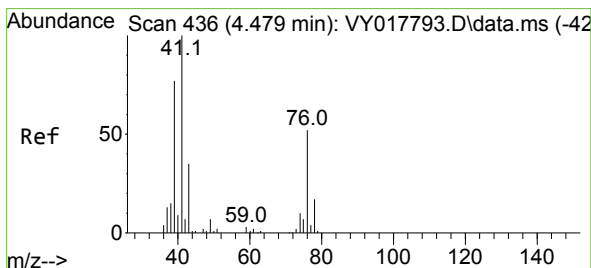
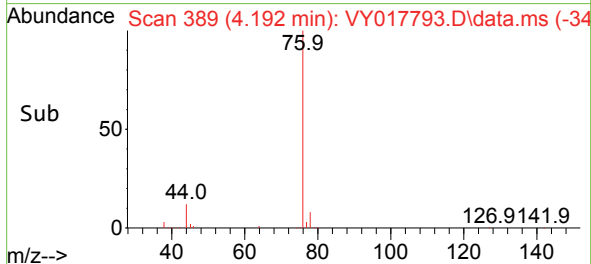
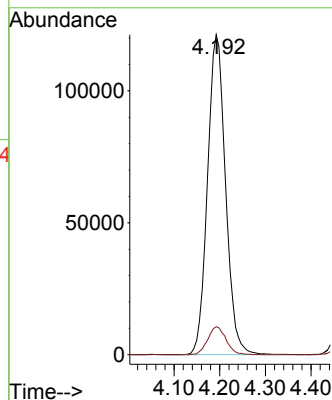
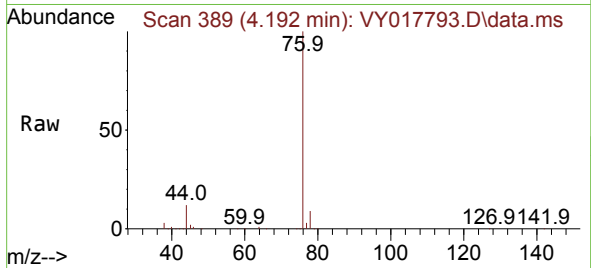




#17
Carbon Disulfide
Concen: 47.454 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

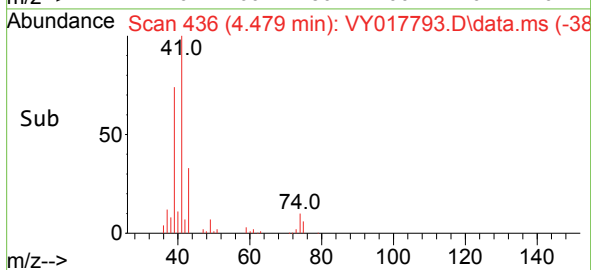
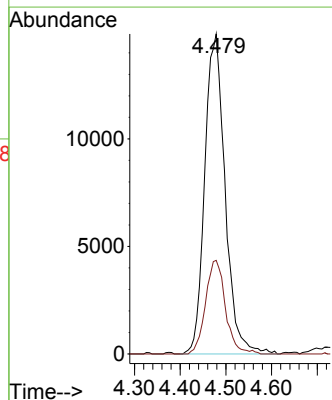
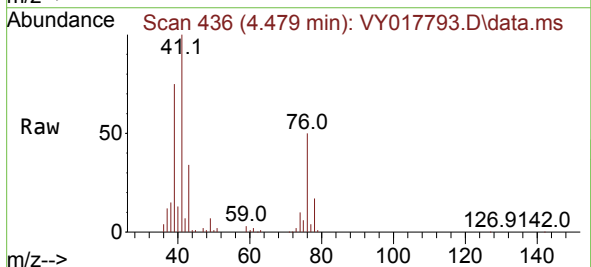
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

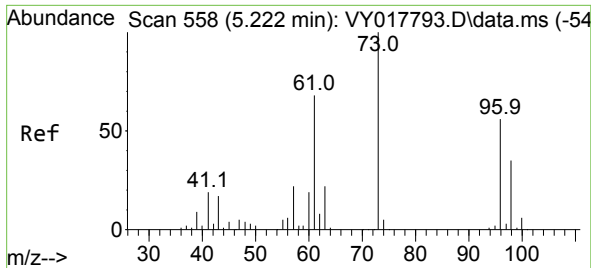
Tgt Ion: 76 Resp: 332687
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 43.784 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 43 Resp: 46034
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9

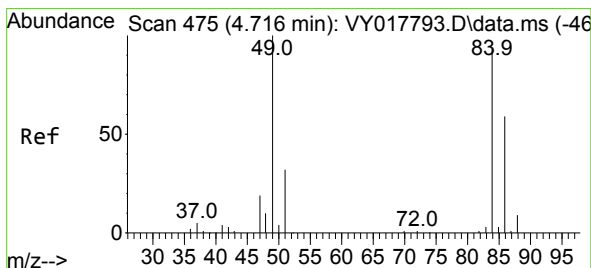
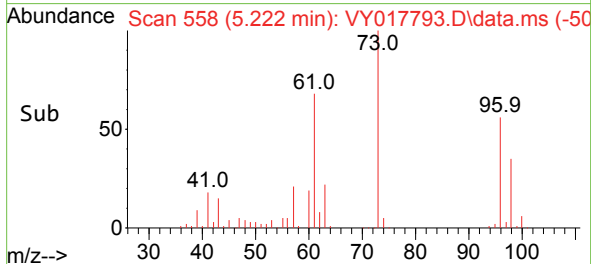
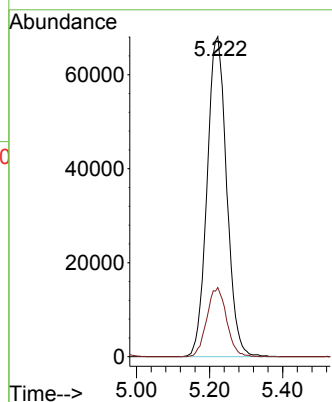
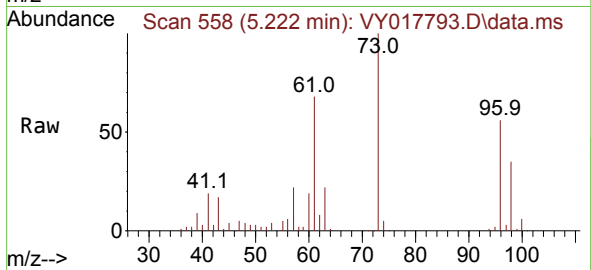




#19
Methyl tert-butyl Ether
Concen: 44.591 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

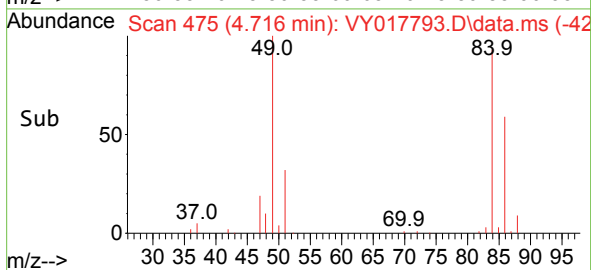
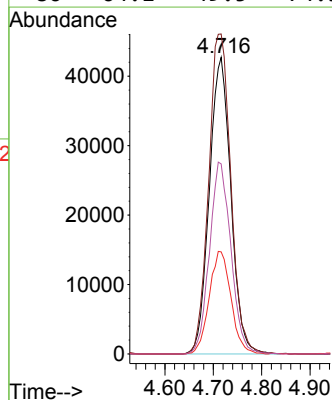
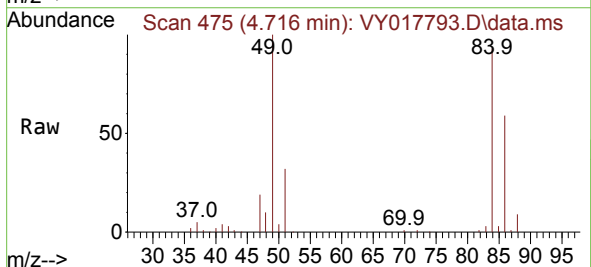
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

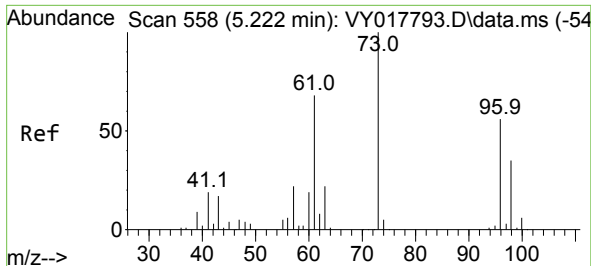
Tgt Ion: 73 Resp: 252930
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 45.192 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 84 Resp: 132195
Ion Ratio Lower Upper
84 100
49 107.9 84.4 126.6
51 34.4 26.0 39.0
86 64.1 49.5 74.3

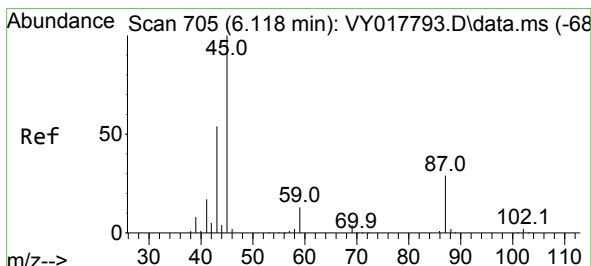
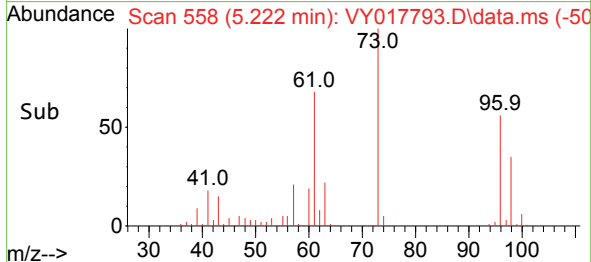
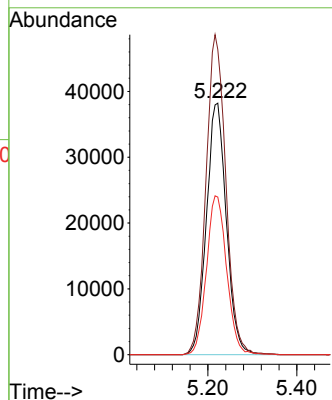
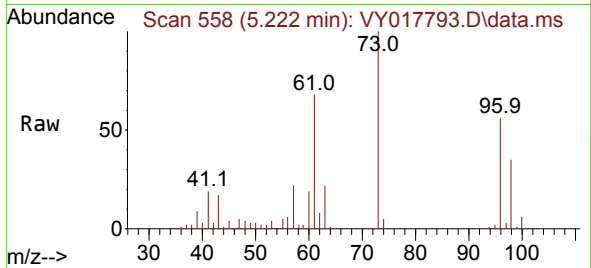




#21
trans-1,2-Dichloroethene
Concen: 44.927 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

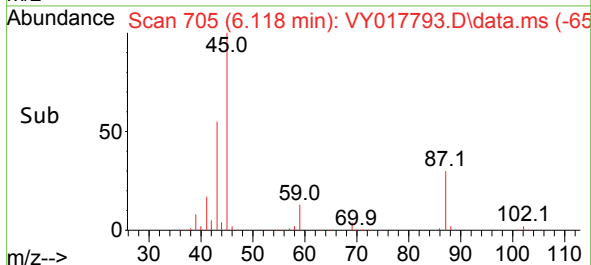
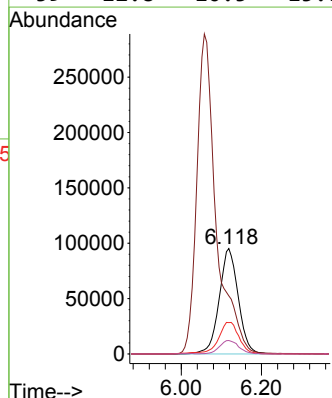
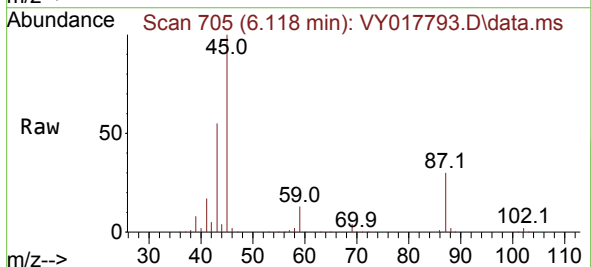
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

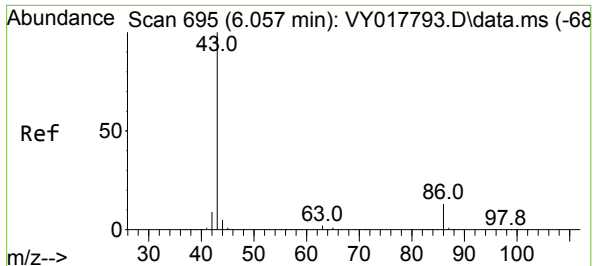
Tgt Ion: 96 Resp: 119101
Ion Ratio Lower Upper
96 100
61 121.3 97.5 146.3
98 62.7 50.5 75.7



#22
Diisopropyl ether
Concen: 44.723 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 45 Resp: 314166
Ion Ratio Lower Upper
45 100
43 54.6 42.2 63.2
87 29.7 25.0 37.6
59 12.8 10.5 15.7

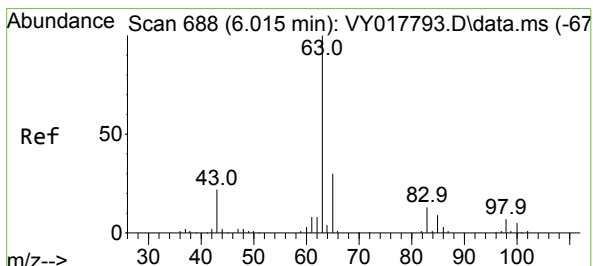
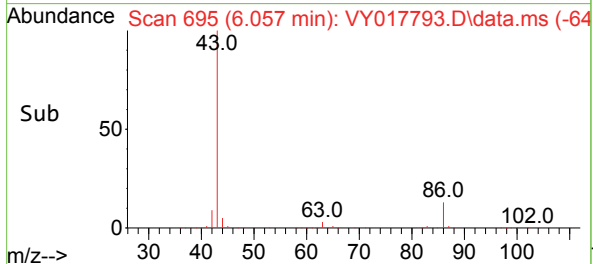
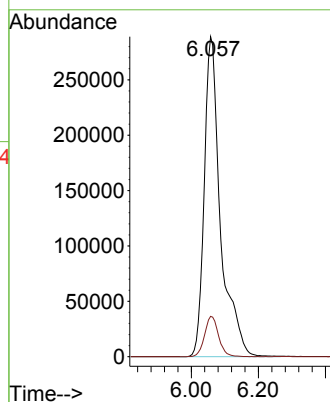
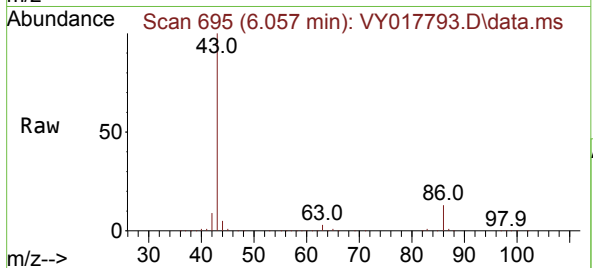




#23
 Vinyl Acetate
 Concen: 226.566 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

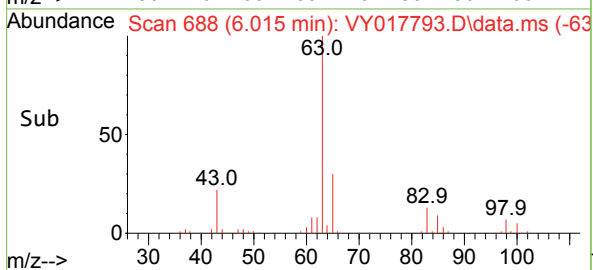
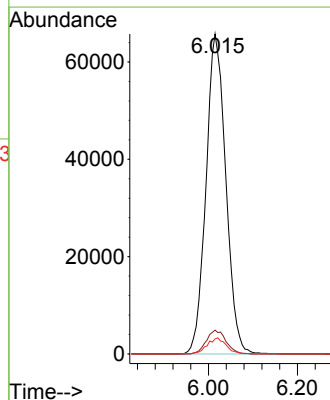
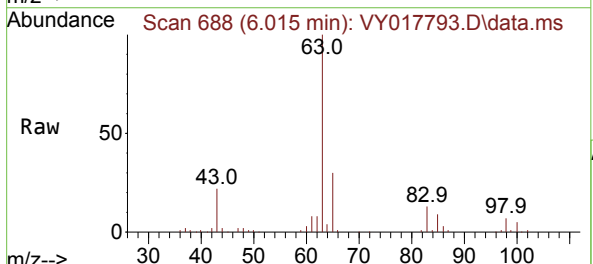
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

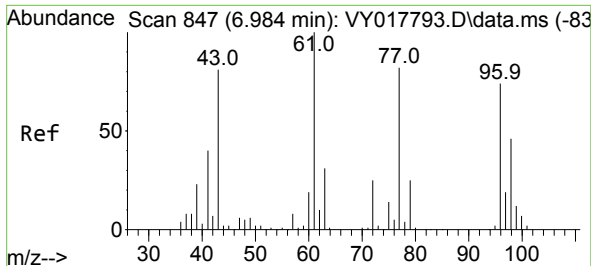
Tgt Ion: 43 Resp: 971727
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 43.721 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

Tgt Ion: 63 Resp: 203843
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 224.994 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

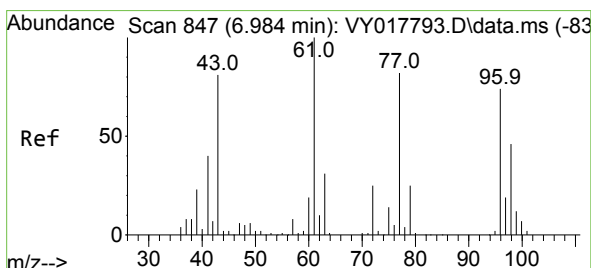
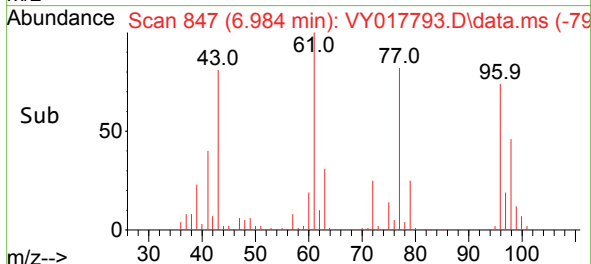
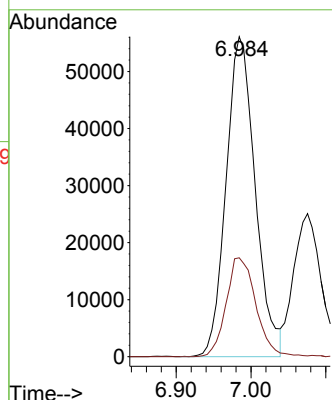
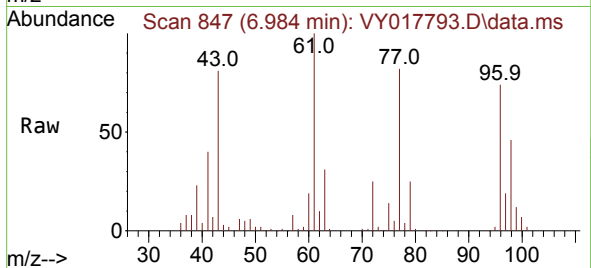
VSTDICCC050

Tgt Ion: 43 Resp: 152142

Ion Ratio Lower Upper

43 100

72 30.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 42.428 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017793.D

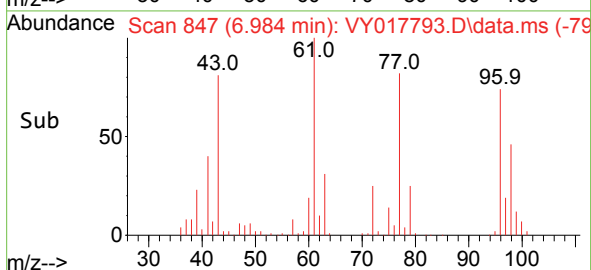
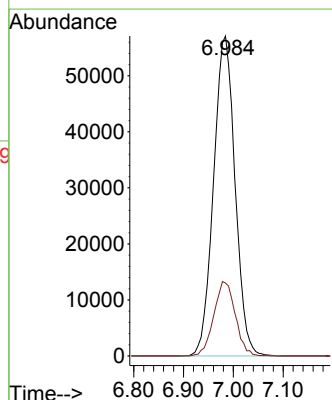
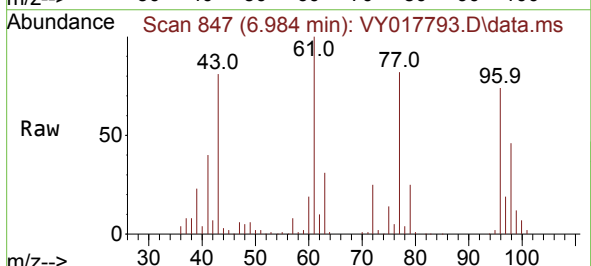
Acq: 29 Mar 2024 15:56

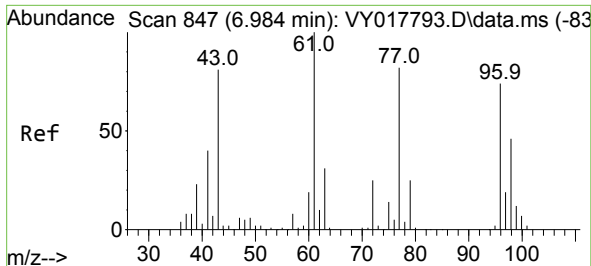
Tgt Ion: 77 Resp: 170856

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1

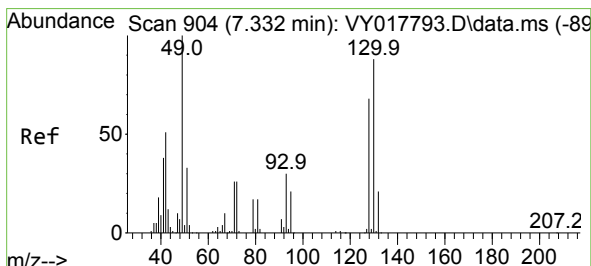
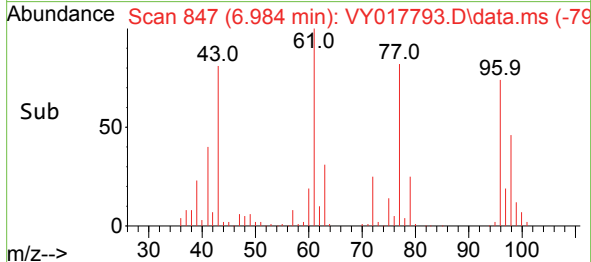
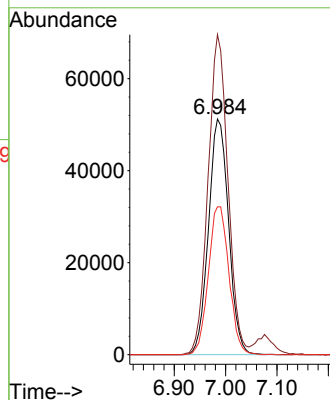
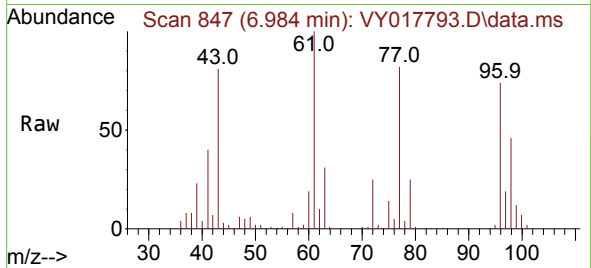




#27
 cis-1,2-Dichloroethene
 Concen: 44.403 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

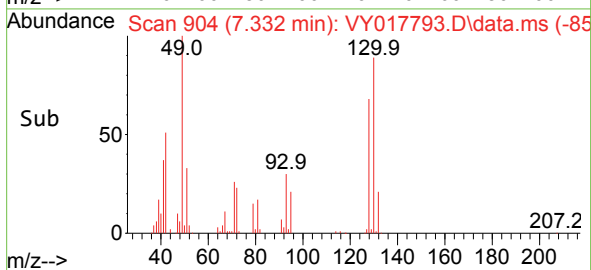
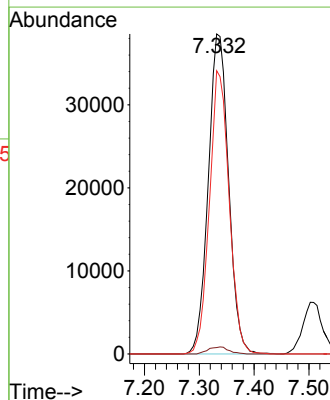
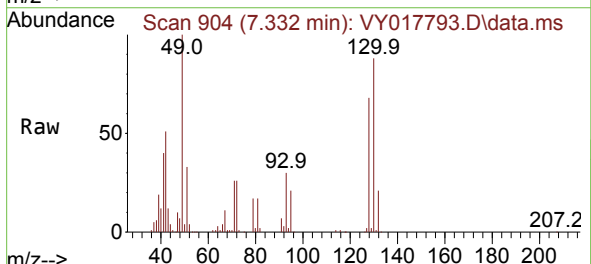
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

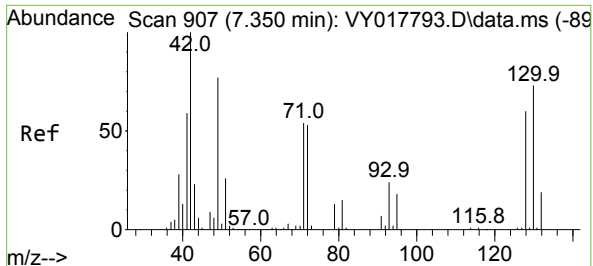
Tgt Ion: 96 Resp: 139116
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.138 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

Tgt Ion: 49 Resp: 98856
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 85.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 225.305 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

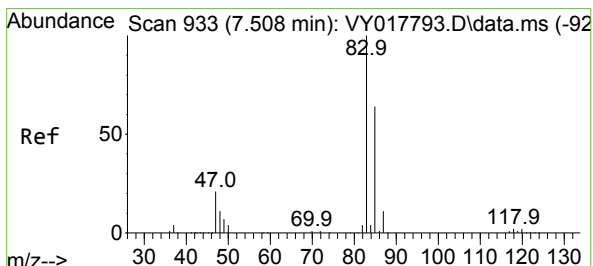
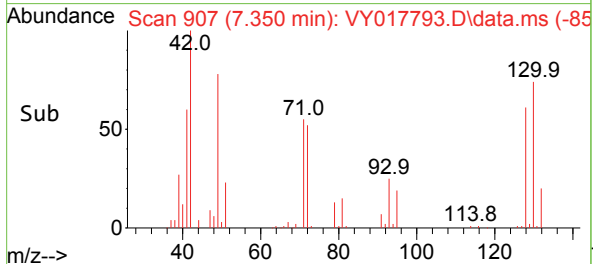
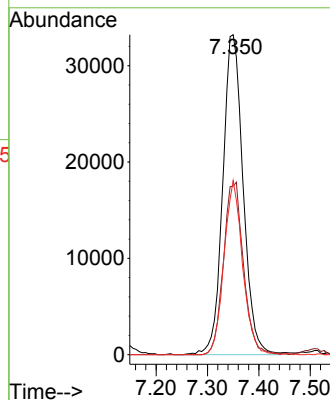
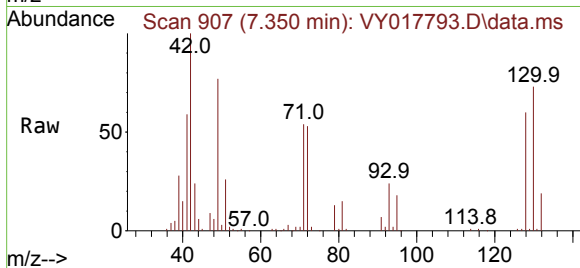
Tgt Ion: 42 Resp: 91416

Ion Ratio Lower Upper

42 100

72 53.0 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 43.490 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017793.D

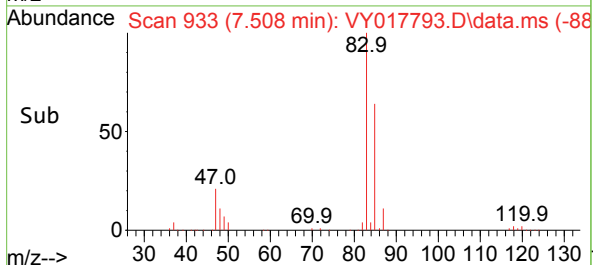
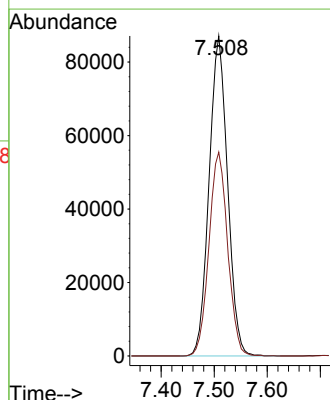
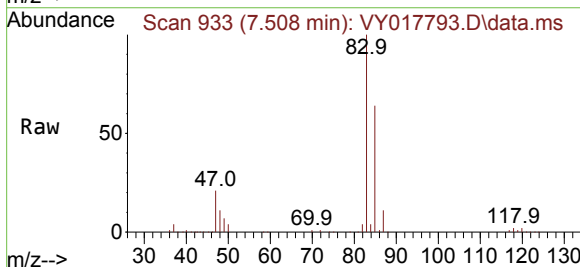
Acq: 29 Mar 2024 15:56

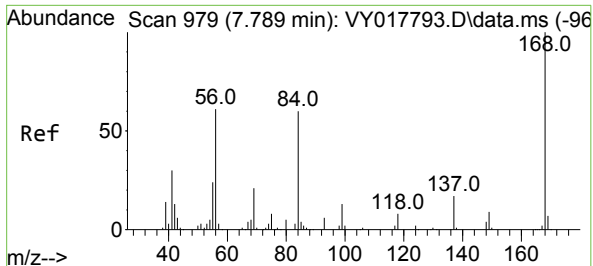
Tgt Ion: 83 Resp: 210385

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4

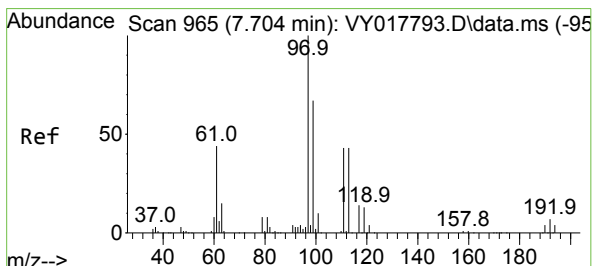
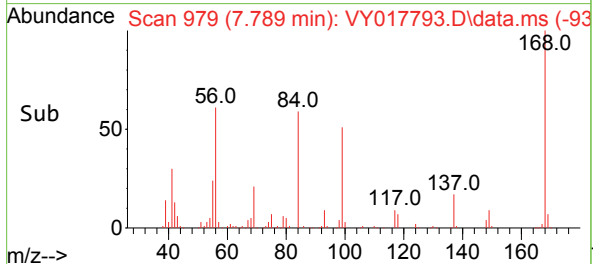
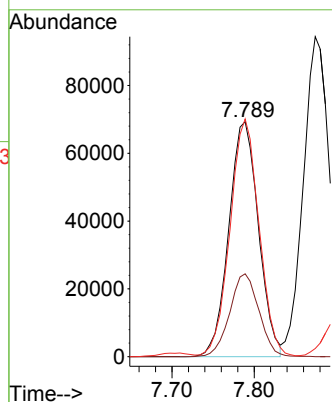
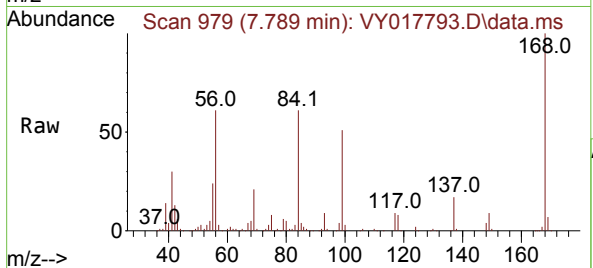




#31
Cyclohexane
Concen: 42.933 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

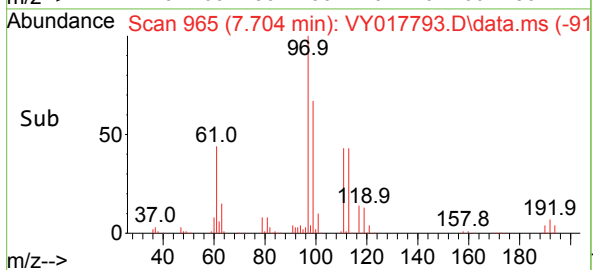
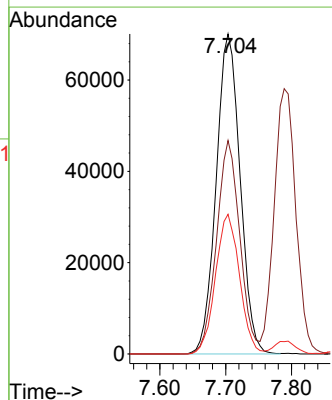
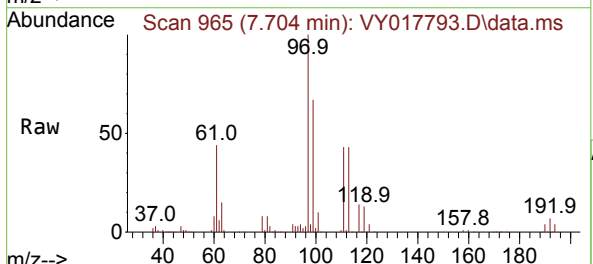
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

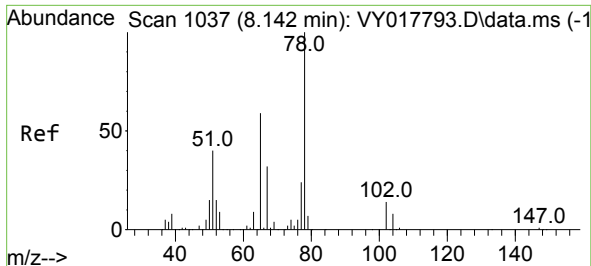
Tgt Ion: 56 Resp: 173680
Ion Ratio Lower Upper
56 100
69 35.2 28.7 43.1
84 99.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 43.220 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 97 Resp: 177951
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 43.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.845 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

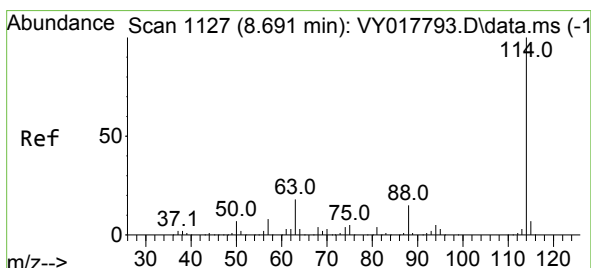
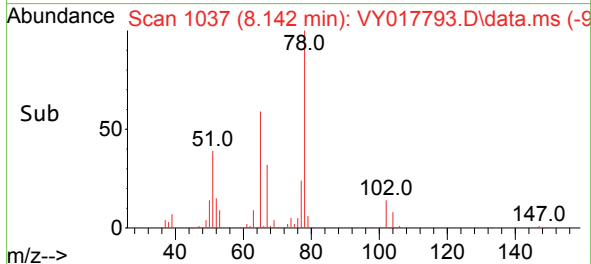
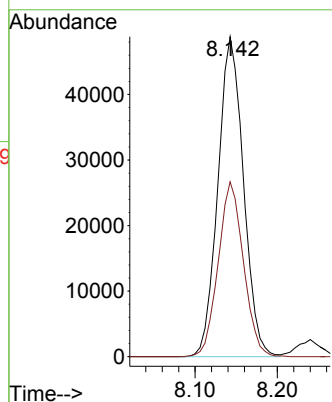
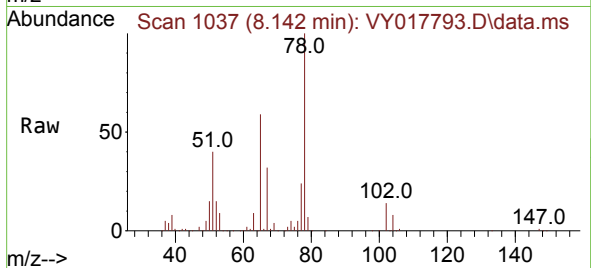
VSTDICCC050

Tgt Ion: 65 Resp: 105275

Ion Ratio Lower Upper

65 100

67 54.0 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: VY017793.D

Acq: 29 Mar 2024 15:56

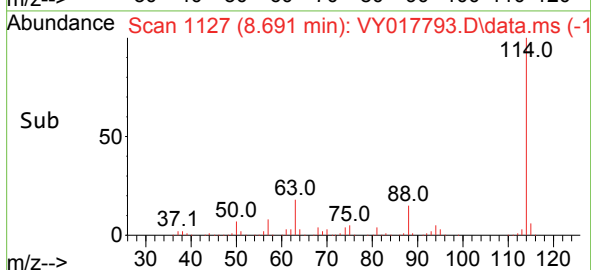
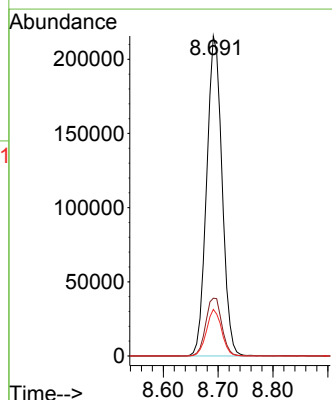
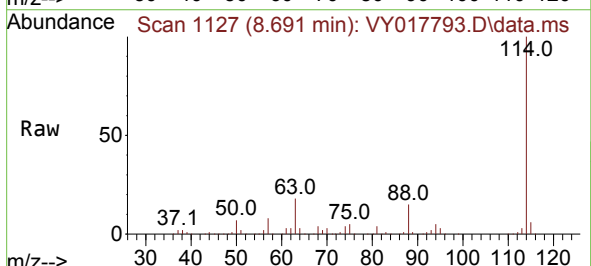
Tgt Ion: 114 Resp: 419908

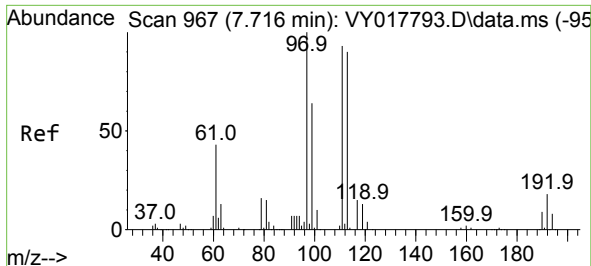
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.6 0.0 27.2

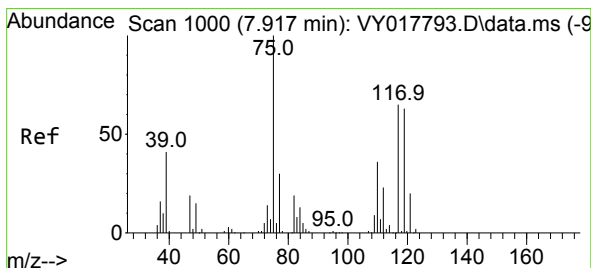
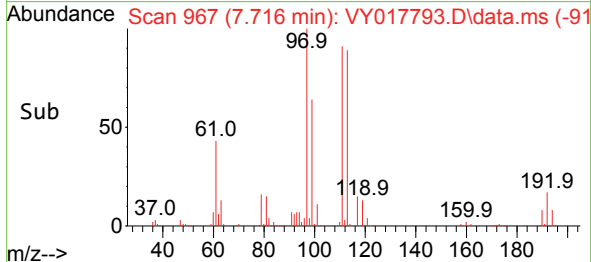
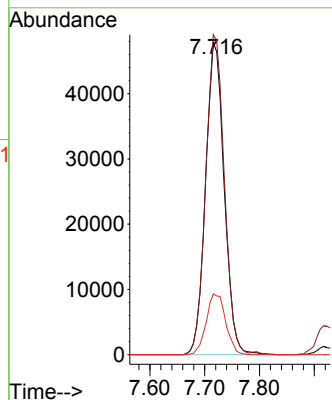
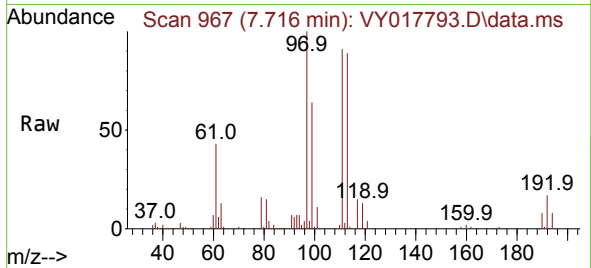




#35
Dibromofluoromethane
Concen: 46.419 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

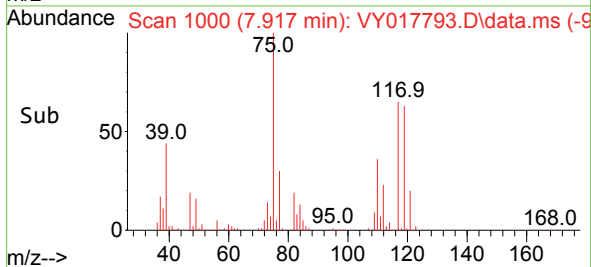
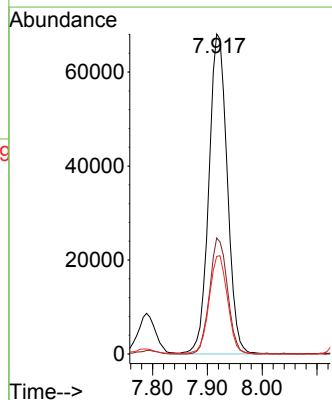
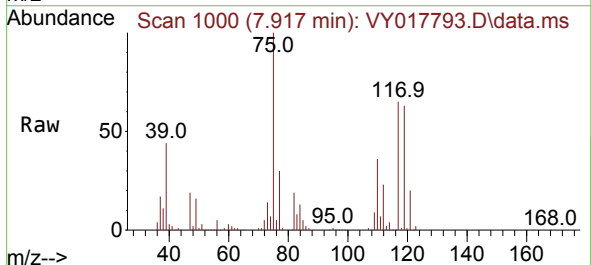
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

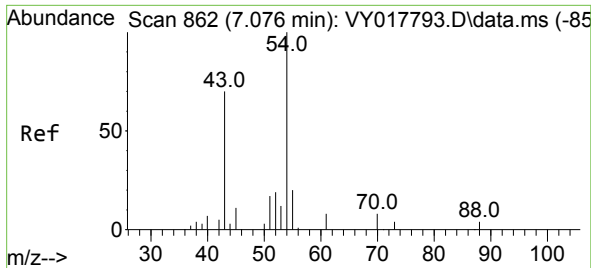
Tgt Ion:113 Resp: 112632
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.777 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 75 Resp: 158526
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 43.336 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

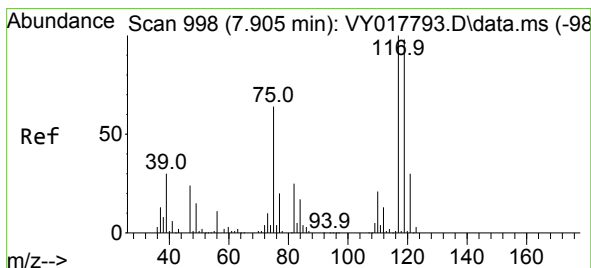
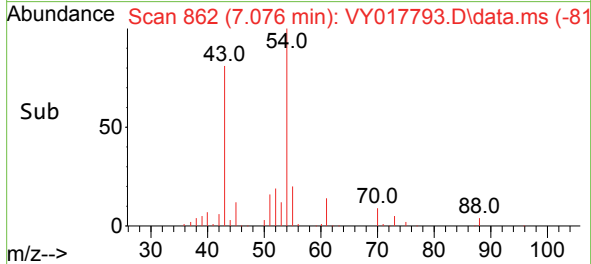
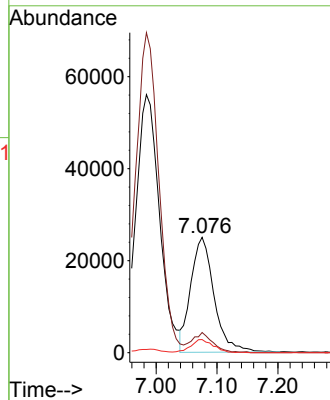
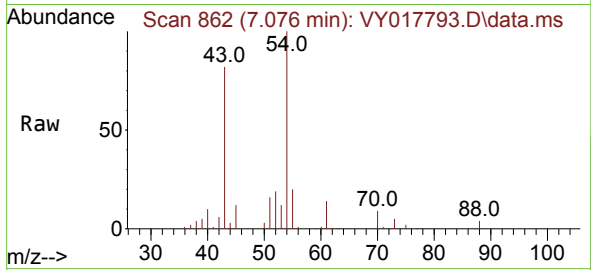
Tgt Ion: 43 Resp: 66209

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 43.647 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

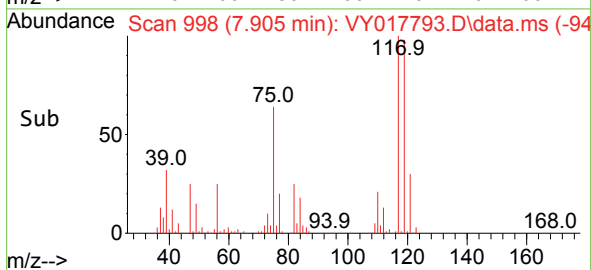
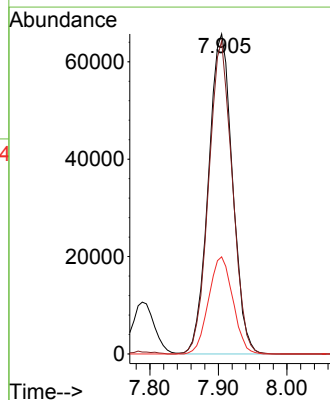
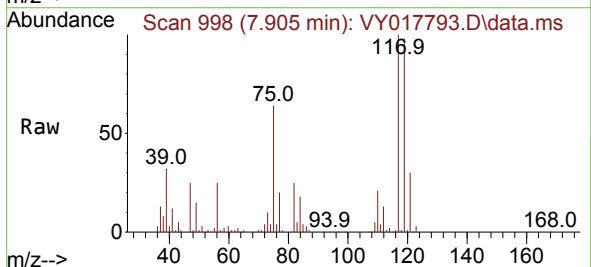
Tgt Ion: 117 Resp: 160416

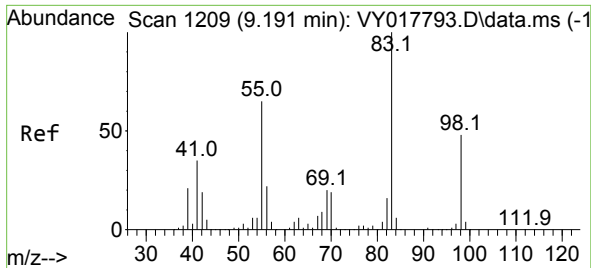
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.6

121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 45.480 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

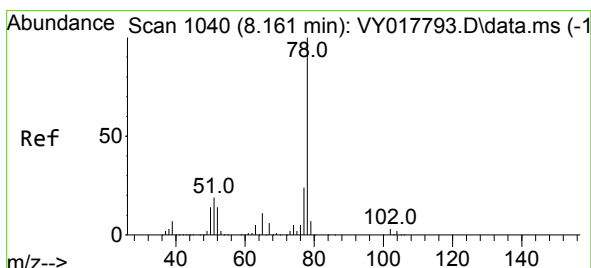
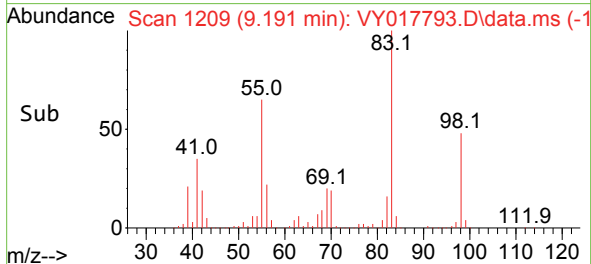
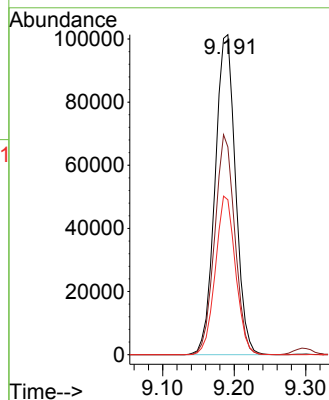
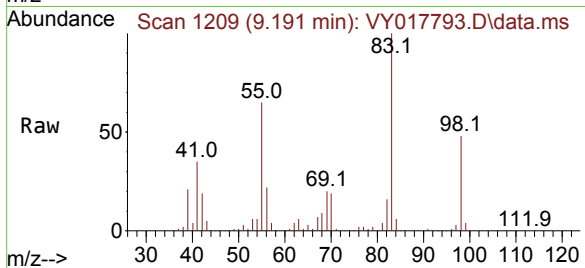
Tgt Ion: 83 Resp: 201125

Ion Ratio Lower Upper

83 100

55 64.9 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 43.827 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017793.D

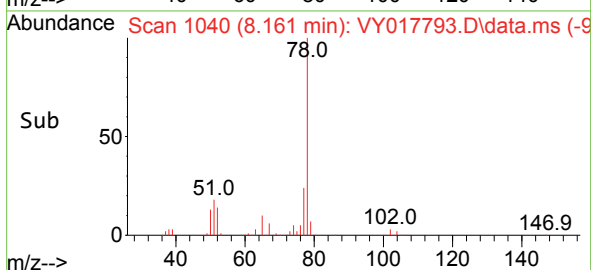
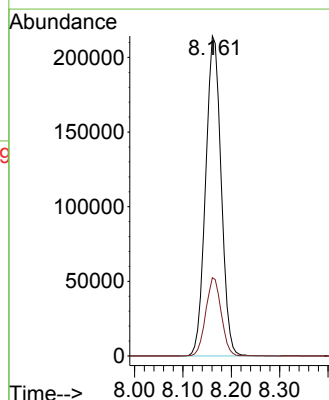
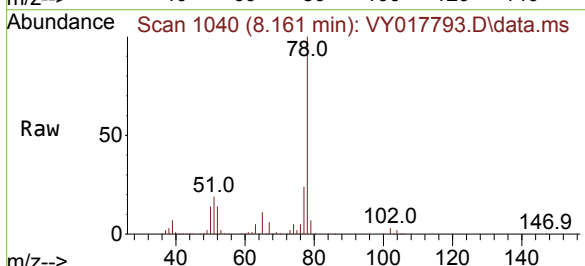
Acq: 29 Mar 2024 15:56

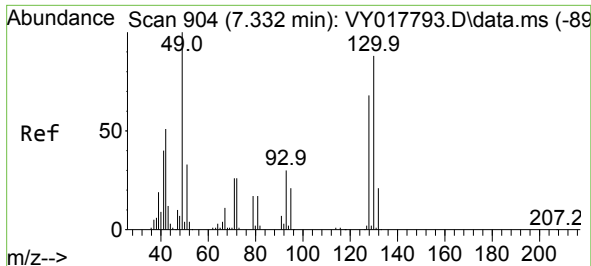
Tgt Ion: 78 Resp: 478173

Ion Ratio Lower Upper

78 100

77 24.5 19.5 29.3

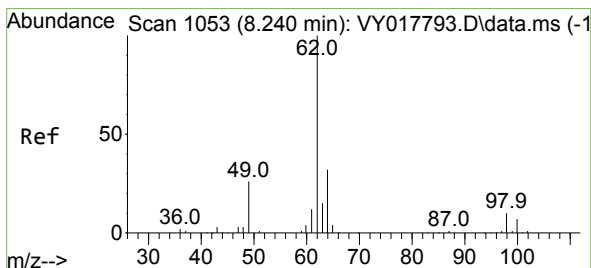
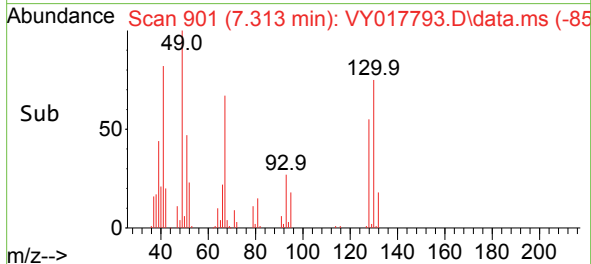
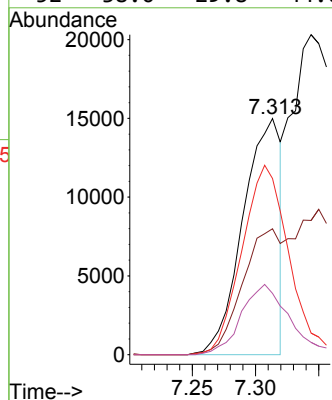
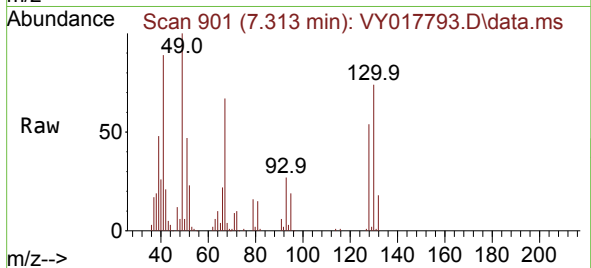




#41
Methacrylonitrile
Concen: 37.460 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

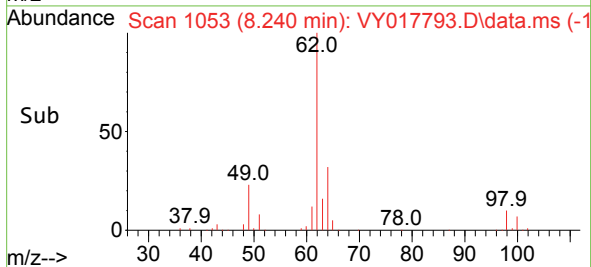
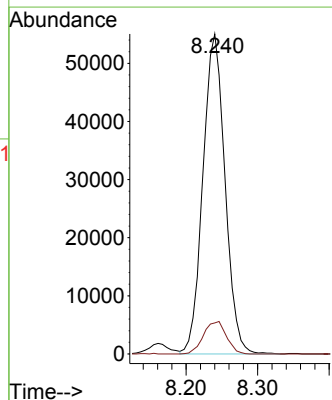
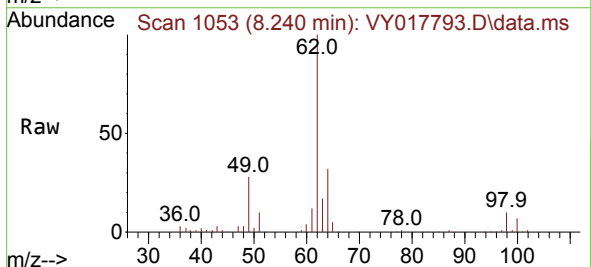
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

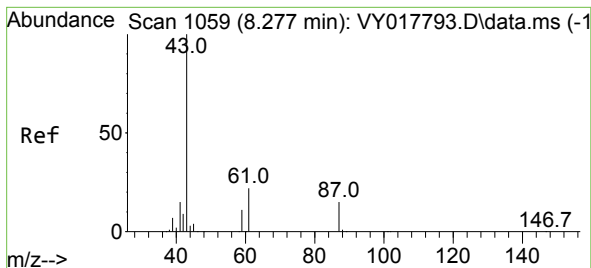
Tgt Ion:	41	Resp:	31335
Ion	Ratio	Lower	Upper
41	100		
39	53.8	48.0	72.0
67	99.4	75.1	112.7
52	38.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 44.009 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion:	62	Resp:	118185
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 43.600 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

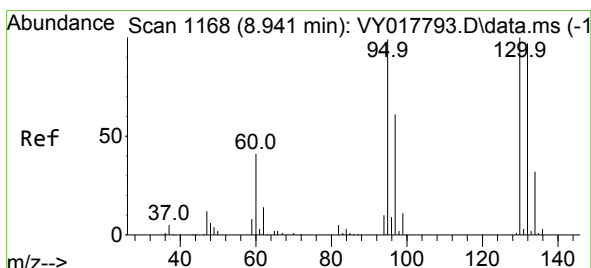
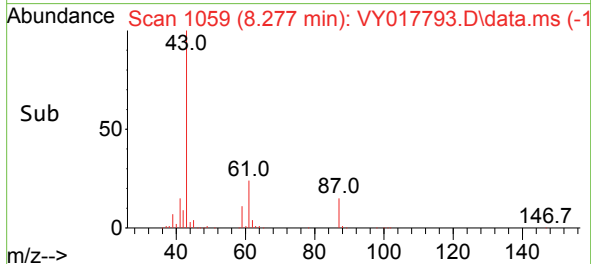
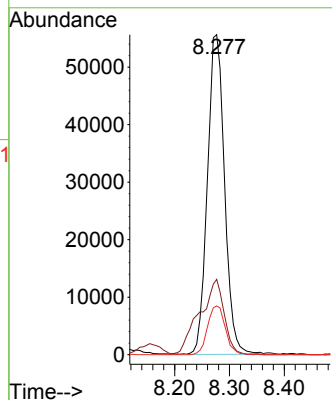
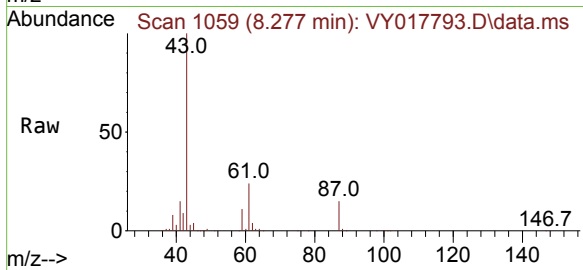
Tgt Ion: 43 Resp: 120888

Ion Ratio Lower Upper

43 100

61 33.3 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 43.903 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017793.D

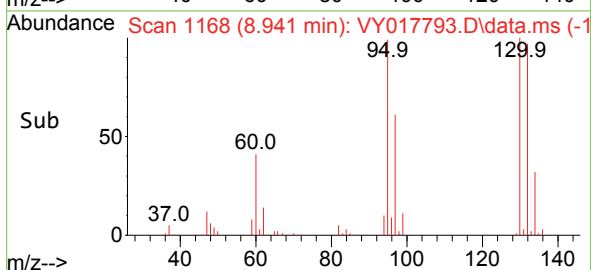
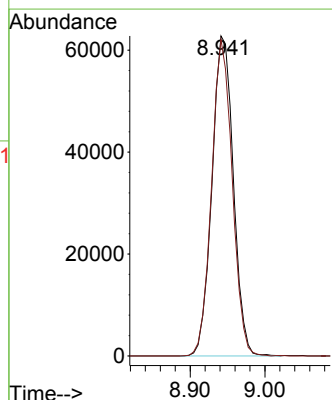
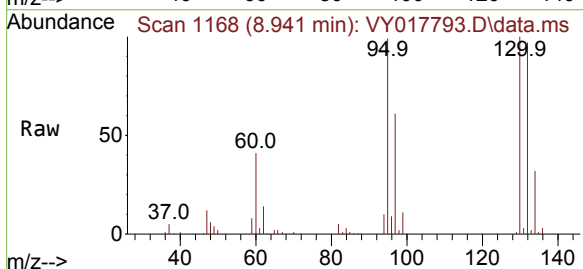
Acq: 29 Mar 2024 15:56

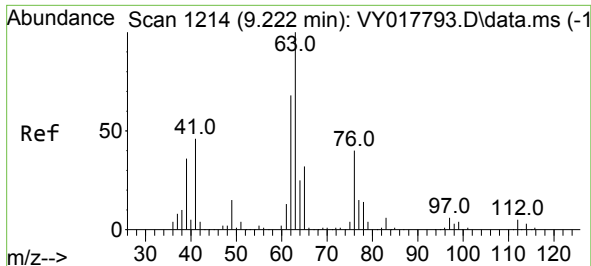
Tgt Ion:130 Resp: 124624

Ion Ratio Lower Upper

130 100

95 98.9 0.0 188.0

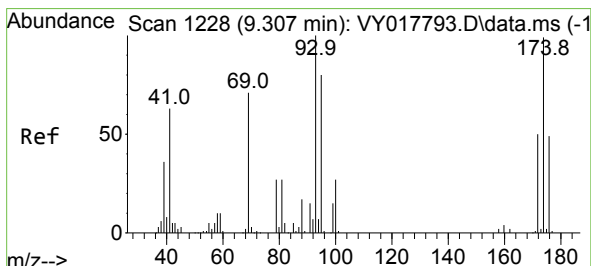
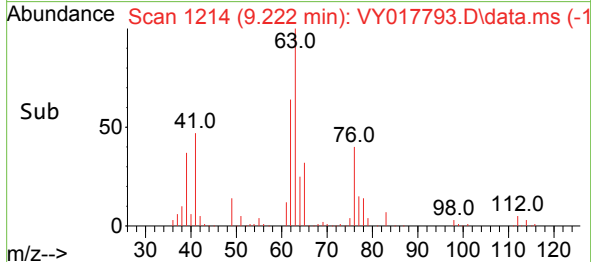
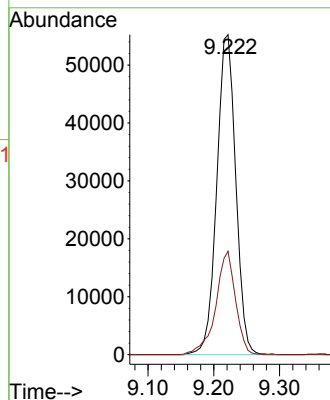
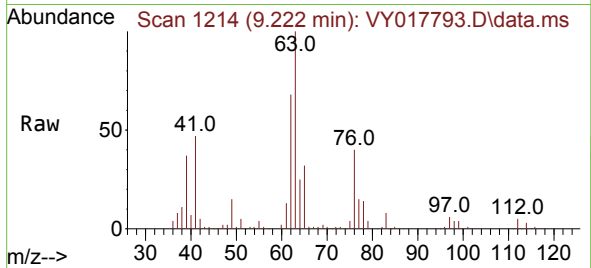




#45
1,2-Dichloropropane
Concen: 43.705 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

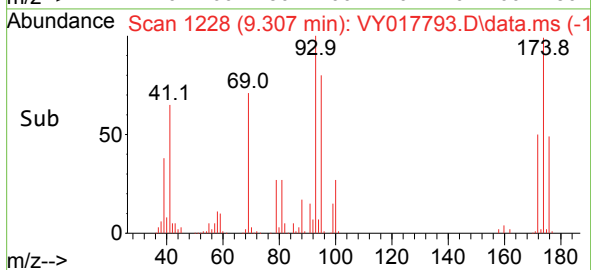
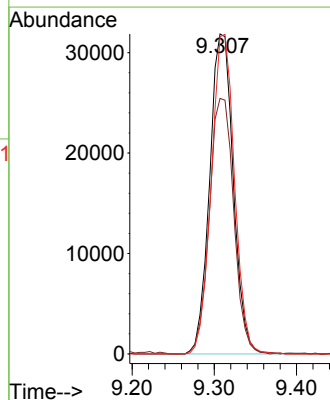
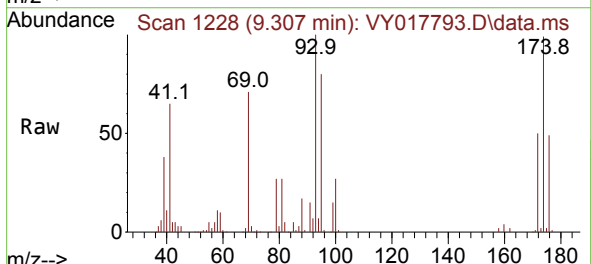
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

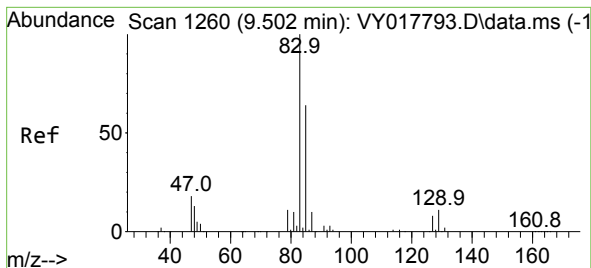
Tgt Ion: 63 Resp: 110804
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 44.132 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 93 Resp: 63567
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.4
174 98.0 80.9 121.3





#47

Bromodichloromethane

Concen: 43.684 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

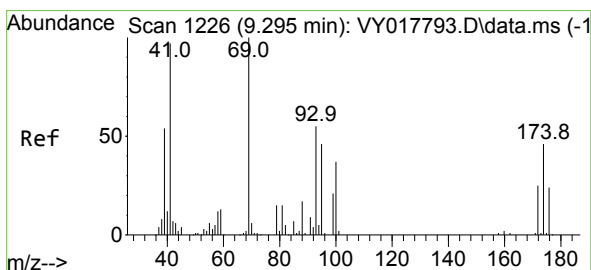
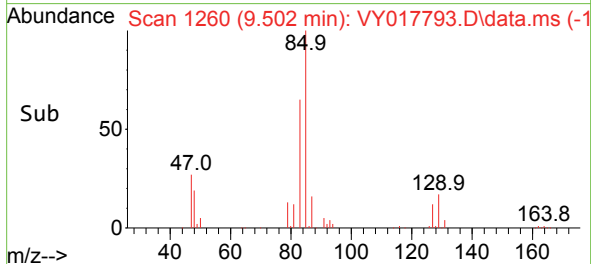
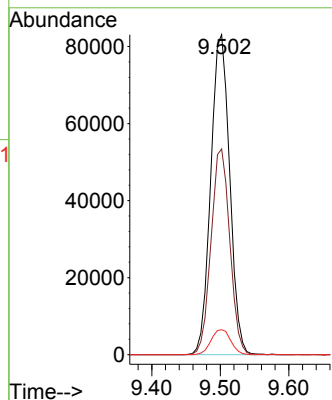
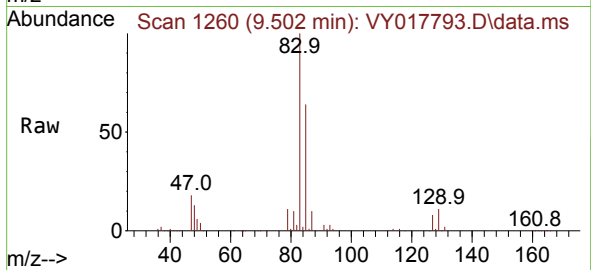
Tgt Ion: 83 Resp: 158989

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

127 7.8 7.4 11.0



#48

Methyl methacrylate

Concen: 47.742 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

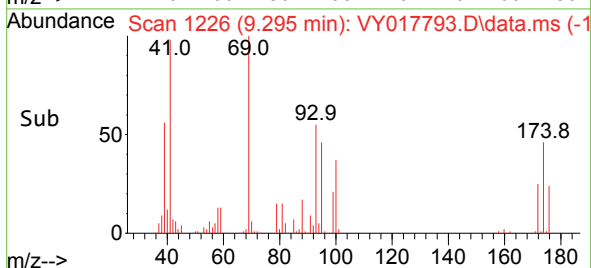
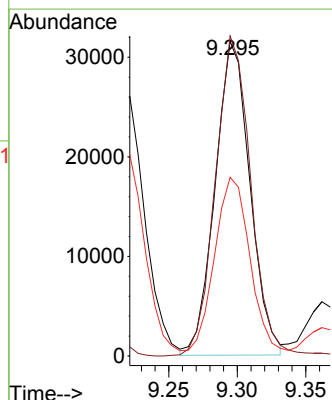
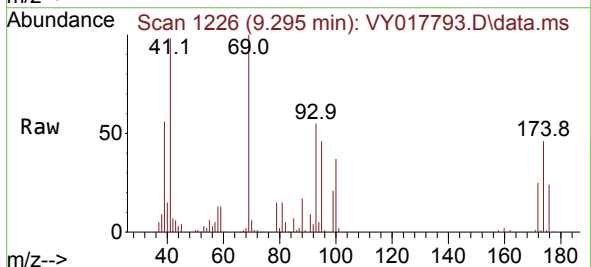
Tgt Ion: 41 Resp: 55734

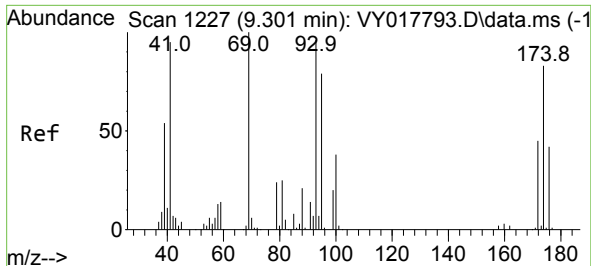
Ion Ratio Lower Upper

41 100

69 104.0 84.1 126.1

39 55.3 43.6 65.4

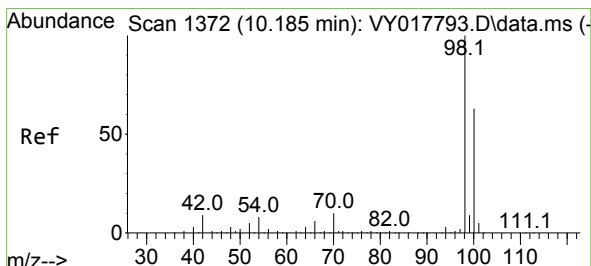
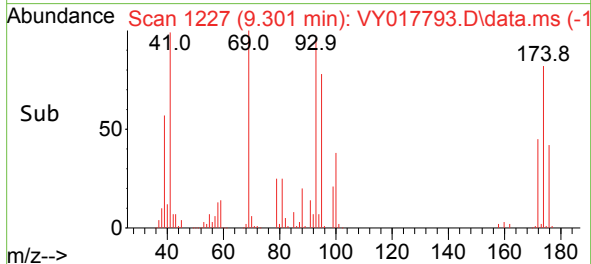
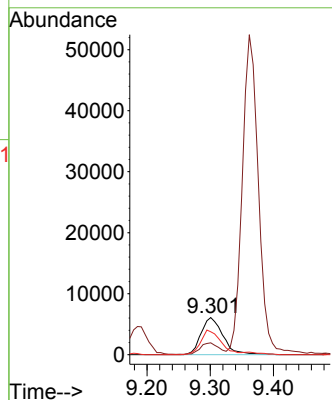
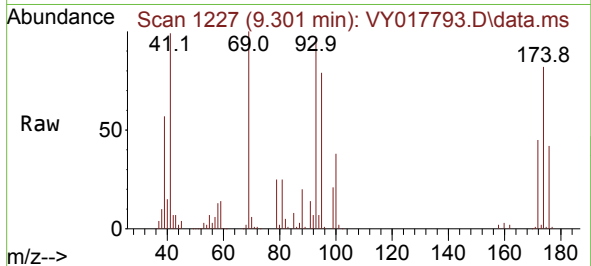




#49
1,4-Dioxane
Concen: 907.804 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

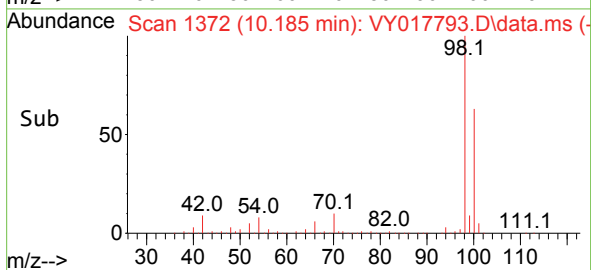
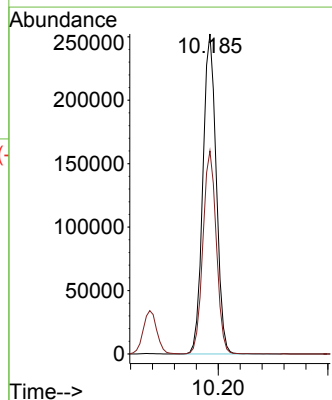
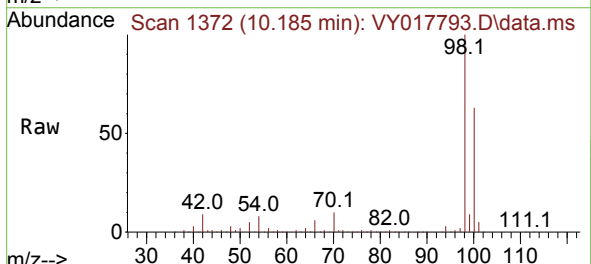
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

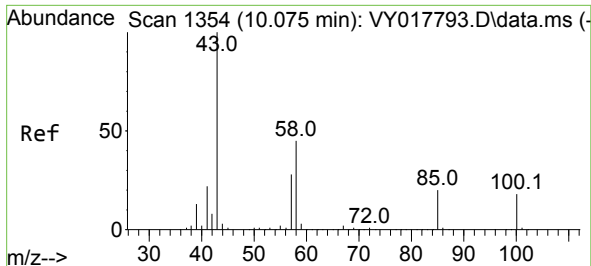
Tgt Ion: 88 Resp: 14679
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0#
58 61.1 49.3 73.9



#50
Toluene-d8
Concen: 46.974 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 98 Resp: 425762
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 242.151 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

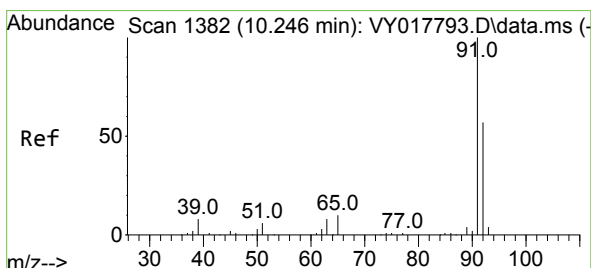
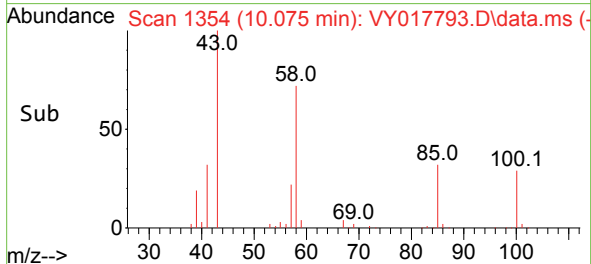
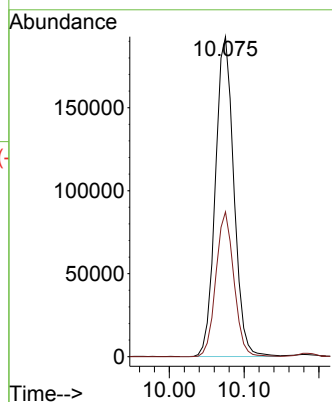
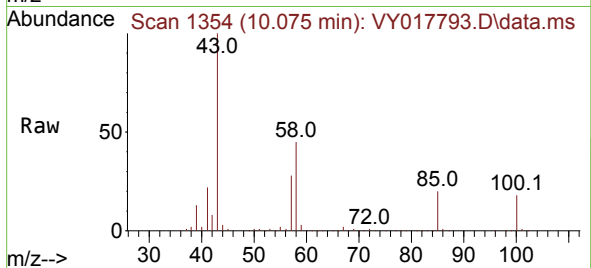
VSTDICCC050

Tgt Ion: 43 Resp: 330646

Ion Ratio Lower Upper

43 100

58 44.3 35.7 53.5



#52

Toluene

Concen: 44.162 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY017793.D

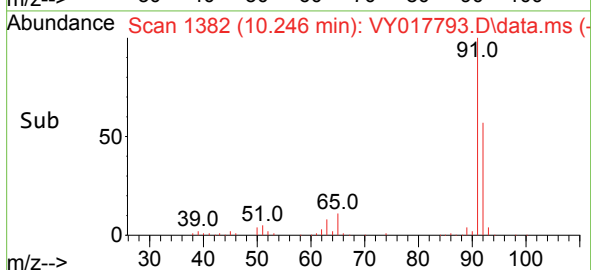
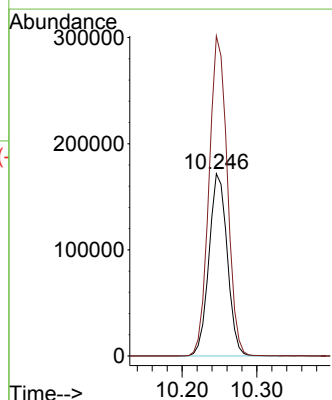
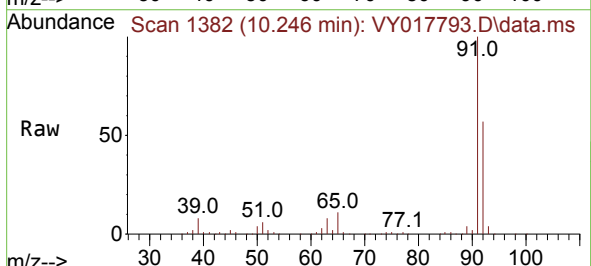
Acq: 29 Mar 2024 15:56

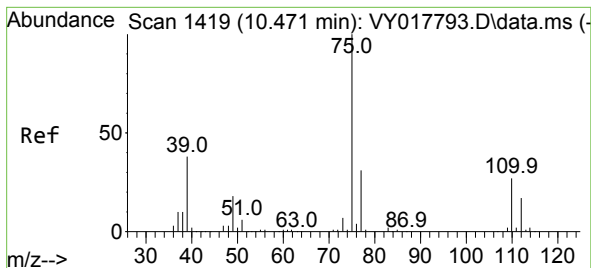
Tgt Ion: 92 Resp: 292266

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6

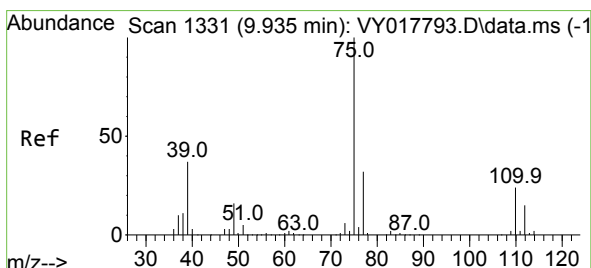
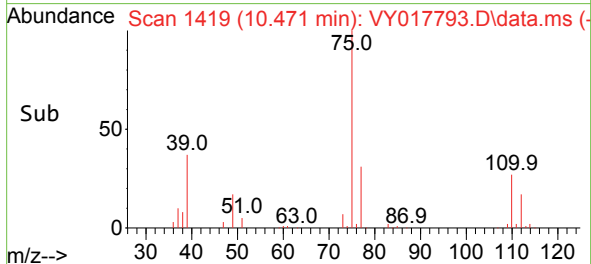
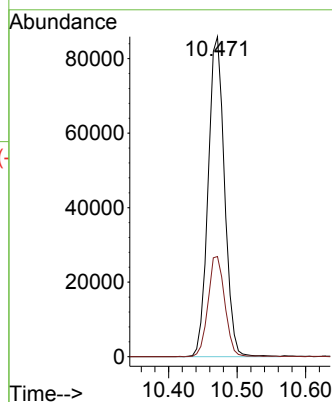
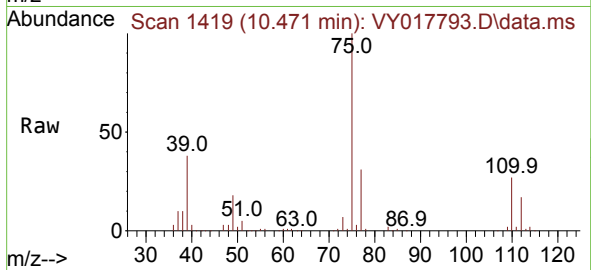




#53
 t-1,3-Dichloropropene
 Concen: 44.134 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

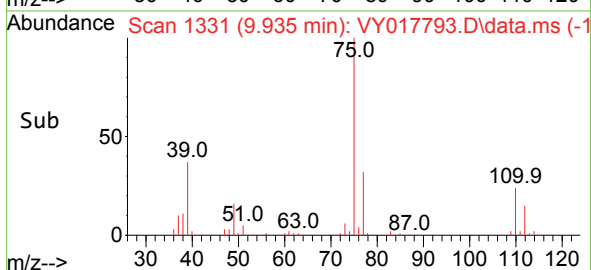
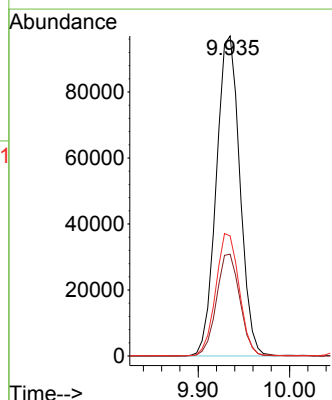
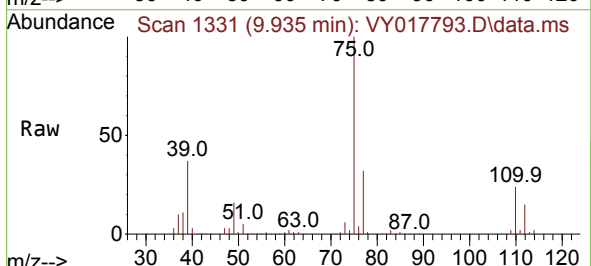
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

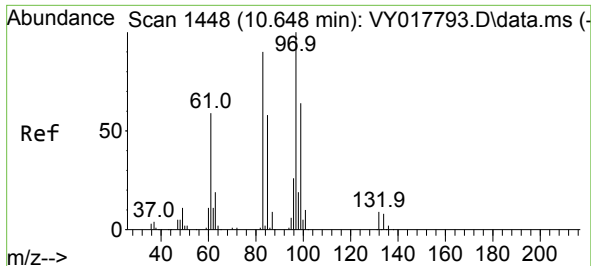
Tgt Ion: 75 Resp: 142621
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 44.088 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

Tgt Ion: 75 Resp: 173883
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 37.4 29.8 44.6

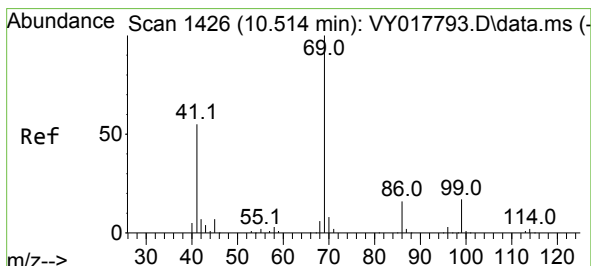
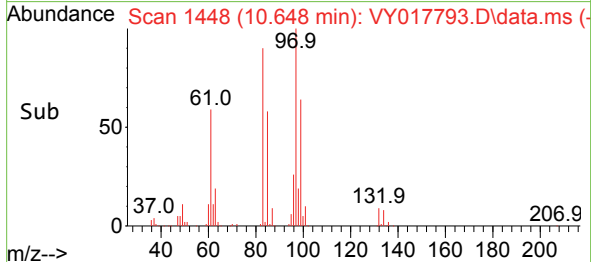
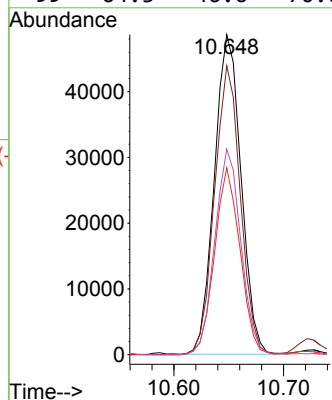
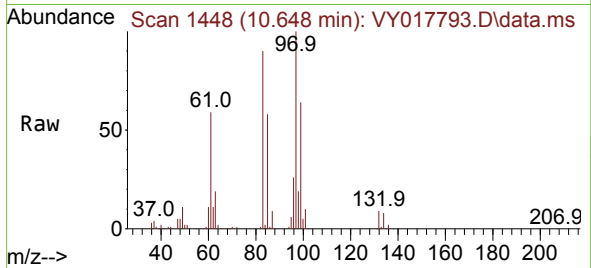




#55
1,1,2-Trichloroethane
Concen: 42.845 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

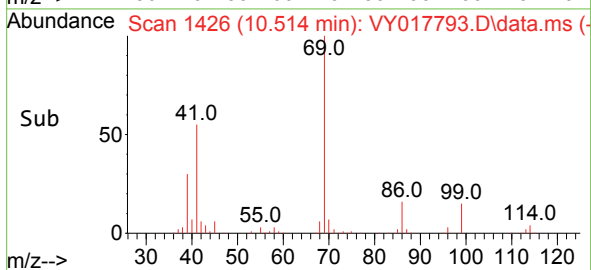
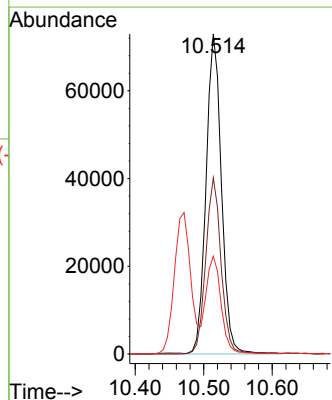
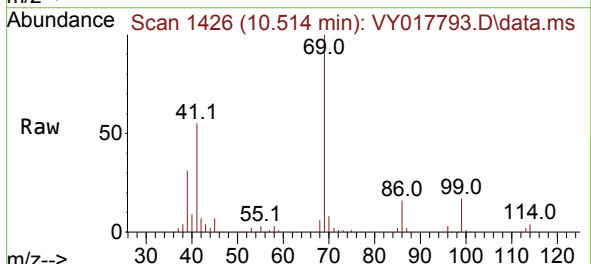
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

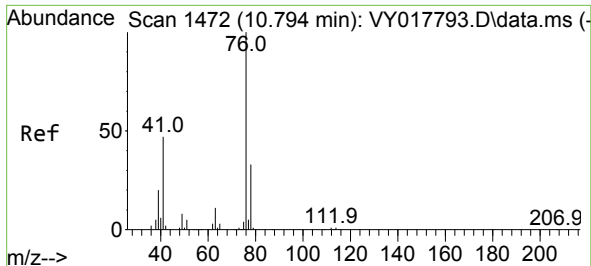
Tgt Ion:	97	Resp:	82231
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.5	101.3
85	58.5	42.9	64.3
99	64.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 48.667 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion:	69	Resp:	114002
Ion	Ratio	Lower	Upper
69	100		
41	54.2	42.3	63.5
39	29.0	22.9	34.3





#57

1,3-Dichloropropane

Concen: 43.643 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

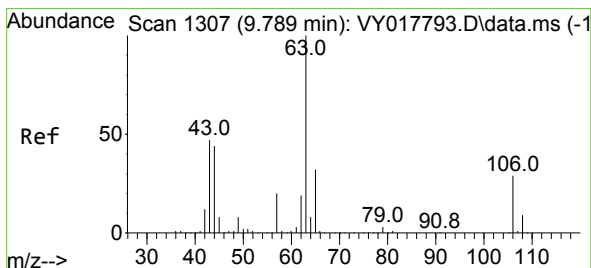
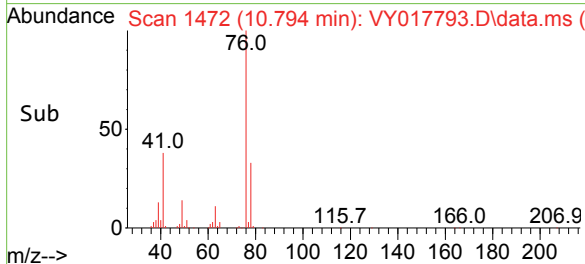
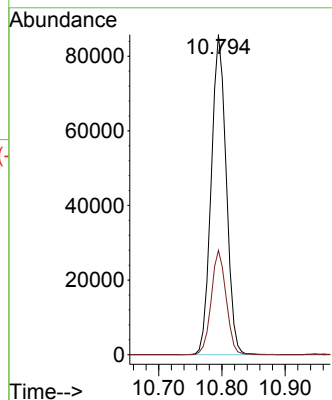
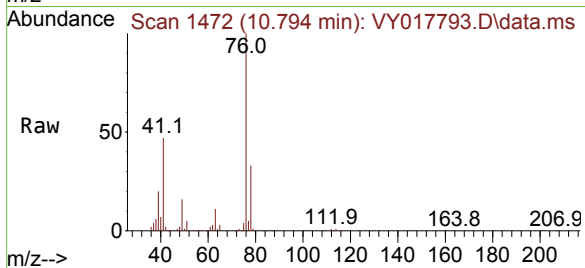
VSTDICCC050

Tgt Ion: 76 Resp: 141669

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 273.084 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017793.D

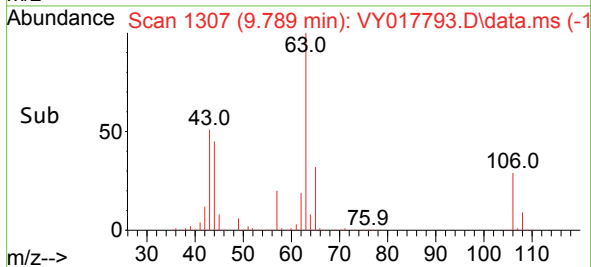
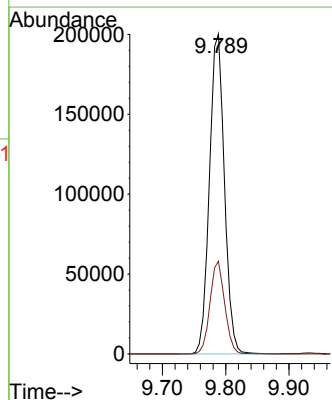
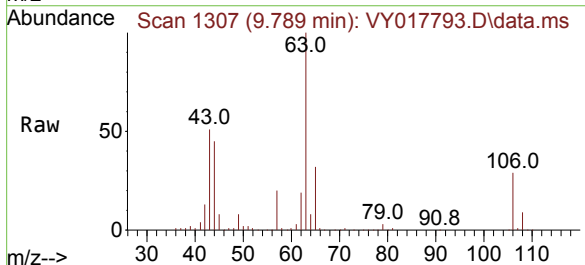
Acq: 29 Mar 2024 15:56

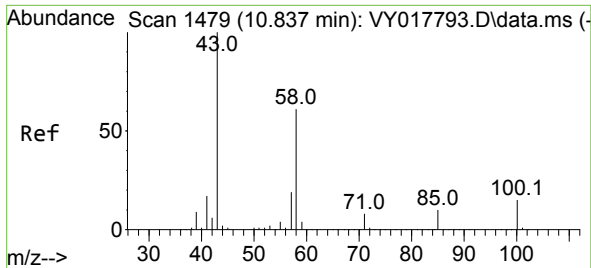
Tgt Ion: 63 Resp: 330951

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5

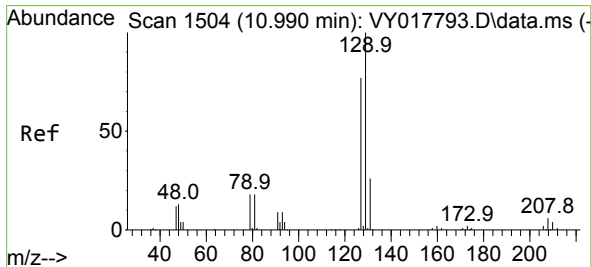
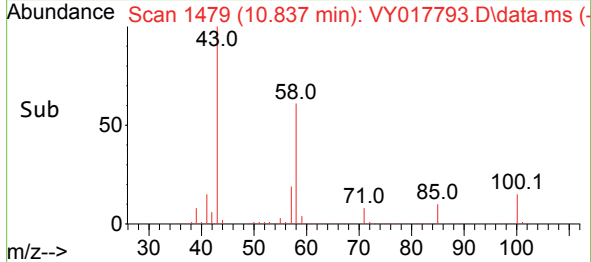
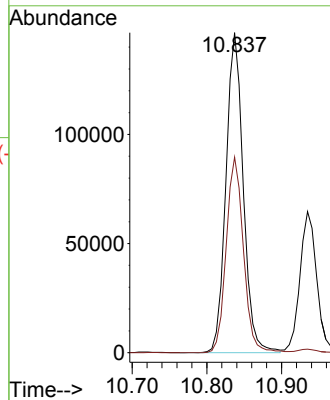
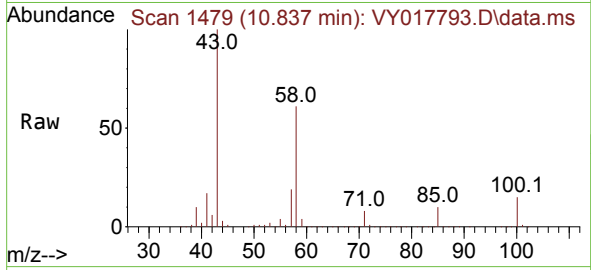




#59
2-Hexanone
Concen: 243.113 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

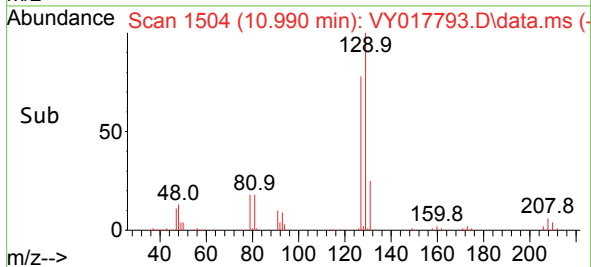
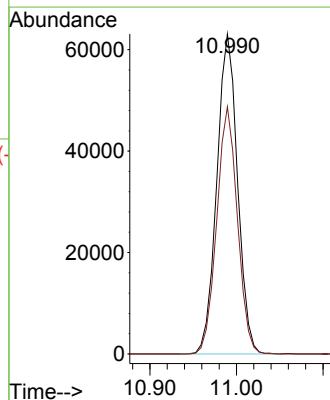
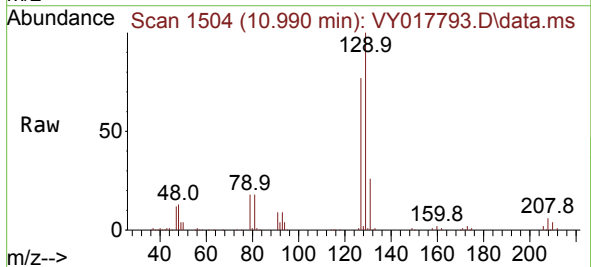
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

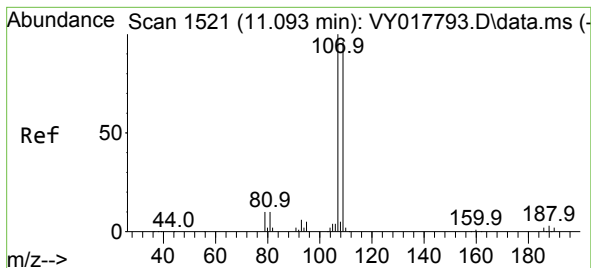
Tgt Ion: 43 Resp: 236286
Ion Ratio Lower Upper
43 100
58 60.9 31.4 94.0



#60
Dibromochloromethane
Concen: 43.306 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 129 Resp: 104830
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

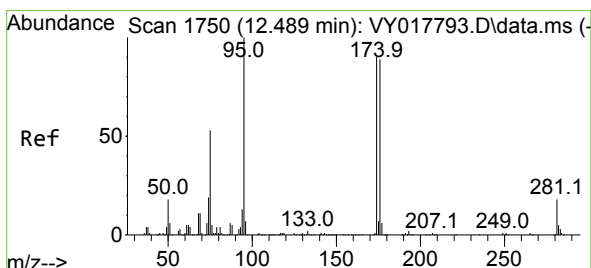
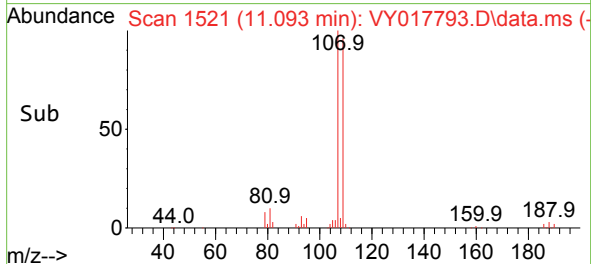
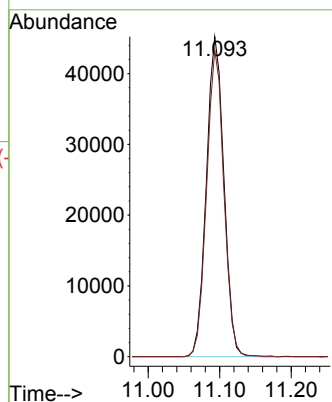
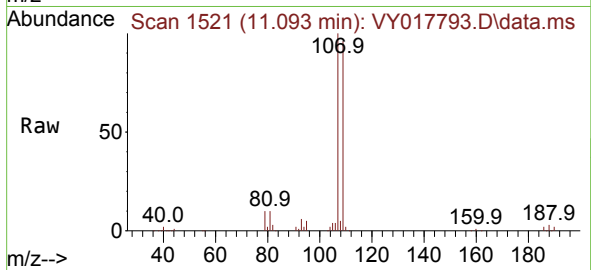




#61
1,2-Dibromoethane
Concen: 44.076 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

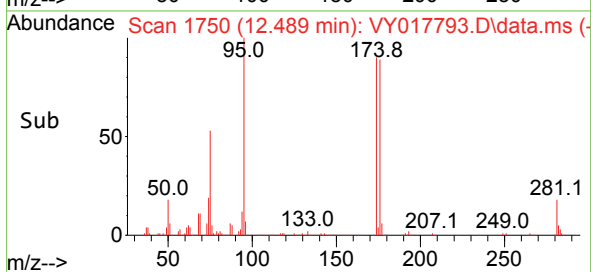
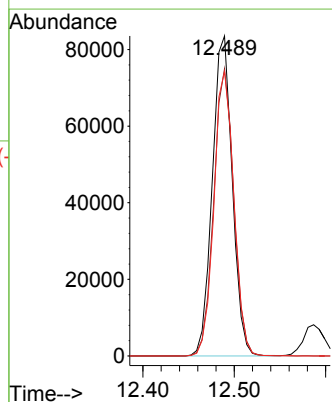
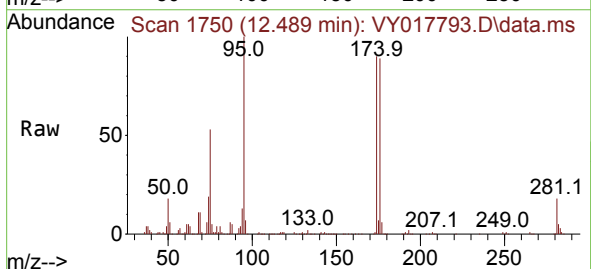
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

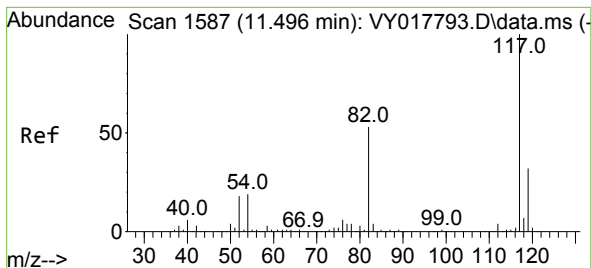
Tgt Ion:107 Resp: 77136
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.941 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 95 Resp: 126689
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 88.9 0.0 171.4

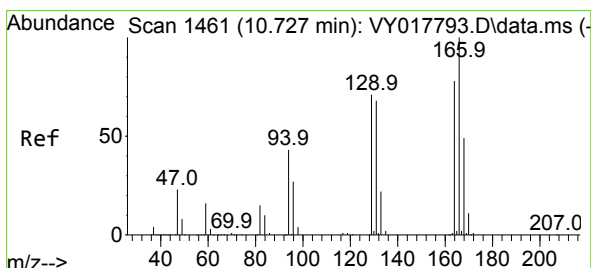
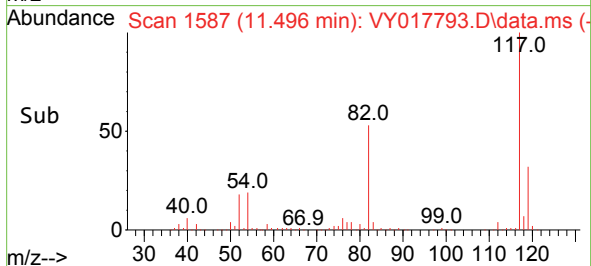
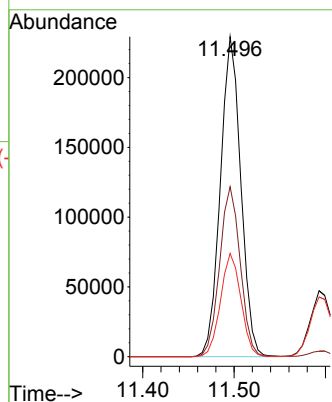
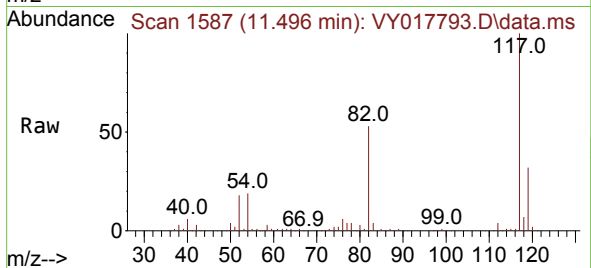




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

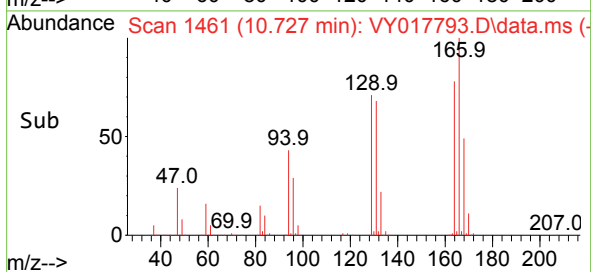
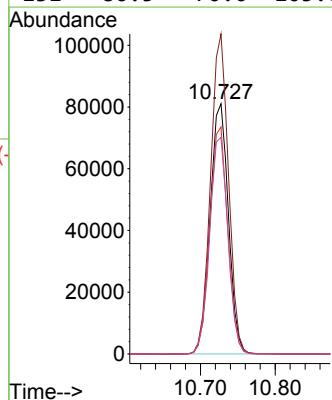
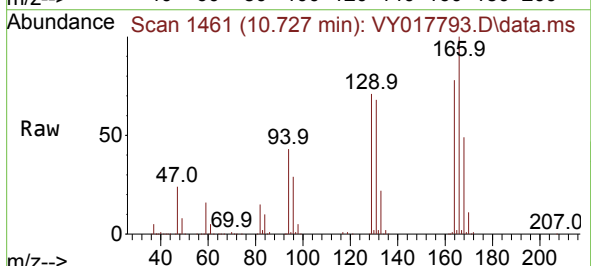
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

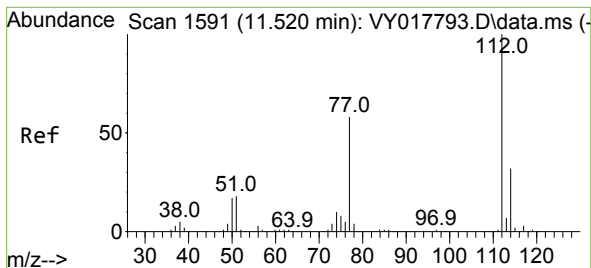
Tgt Ion:117 Resp: 357530
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 44.032 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion:164 Resp: 137310
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 90.7 72.0 108.0
131 86.5 70.0 105.0





#65

Chlorobenzene

Concen: 43.675 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

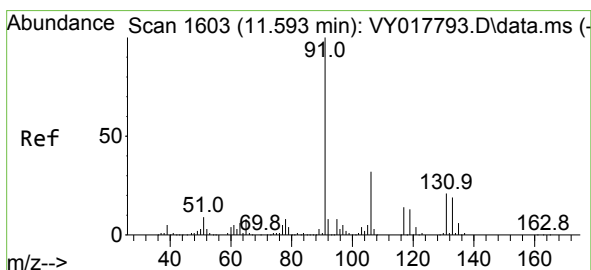
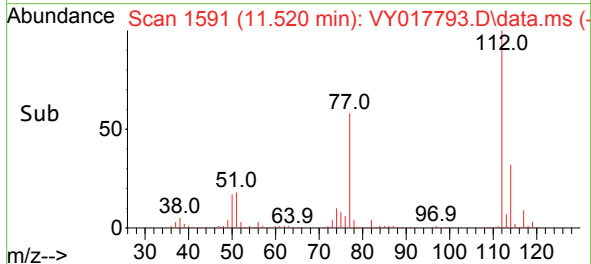
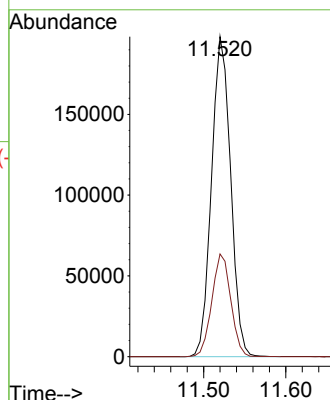
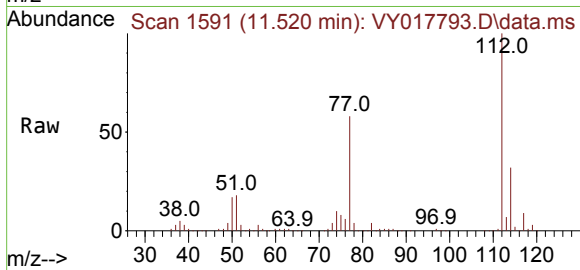
VSTDICCC050

Tgt Ion:112 Resp: 320319

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 43.418 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

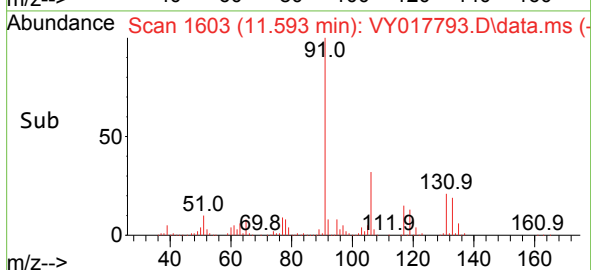
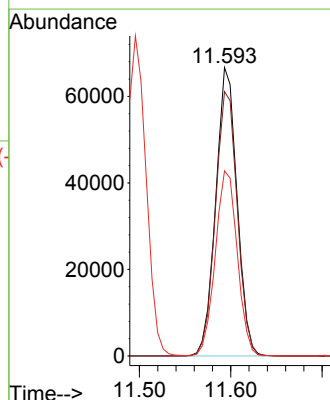
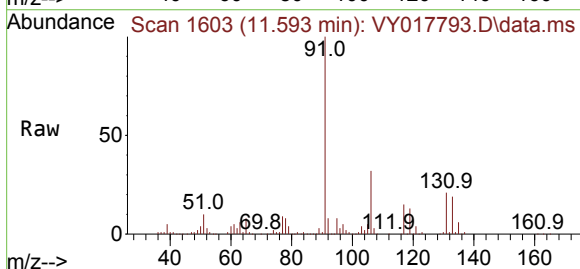
Tgt Ion:131 Resp: 108122

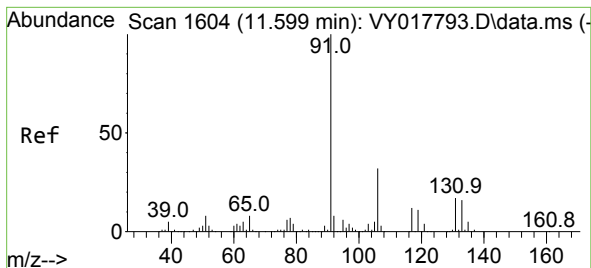
Ion Ratio Lower Upper

131 100

133 94.0 47.8 143.3

119 66.4 34.1 102.2





#67

Ethyl Benzene

Concen: 44.261 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

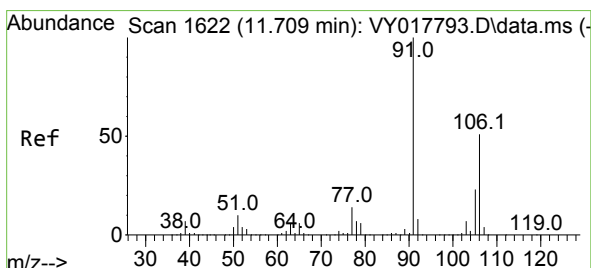
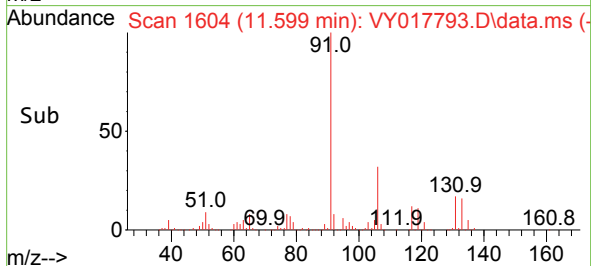
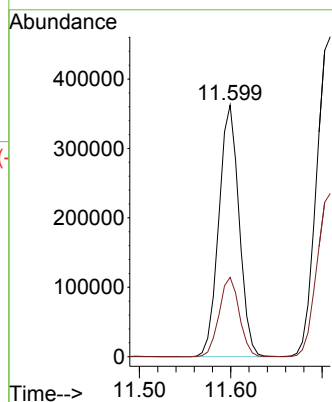
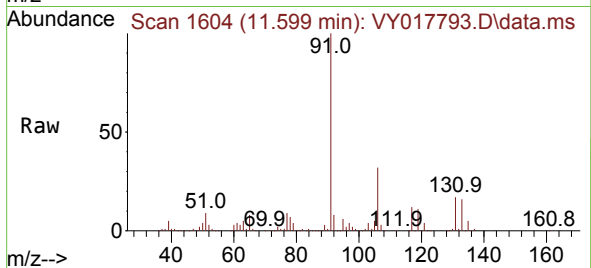
VSTDICCC050

Tgt Ion: 91 Resp: 558035

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 88.991 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017793.D

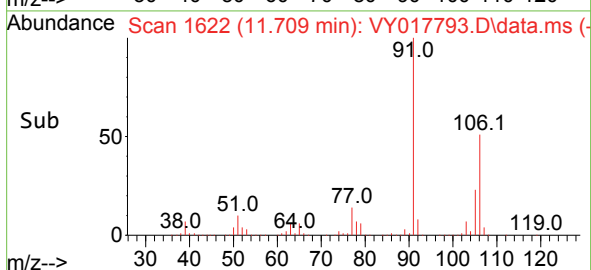
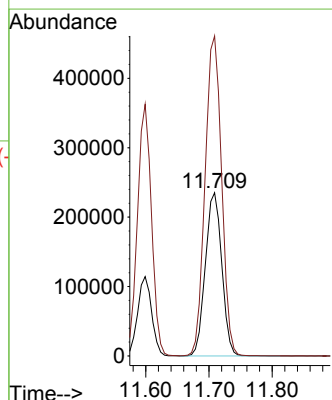
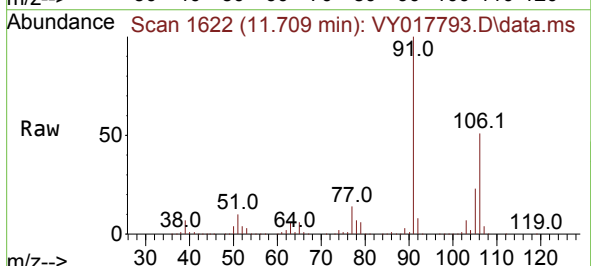
Acq: 29 Mar 2024 15:56

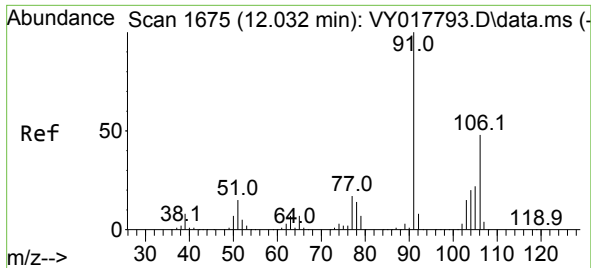
Tgt Ion:106 Resp: 425508

Ion Ratio Lower Upper

106 100

91 197.2 156.0 234.0

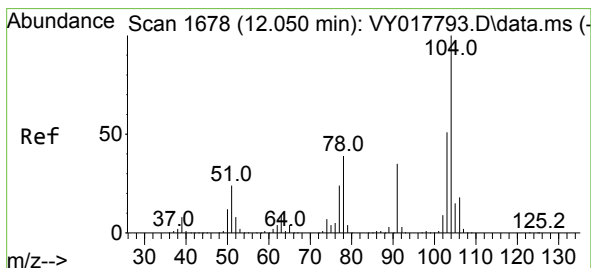
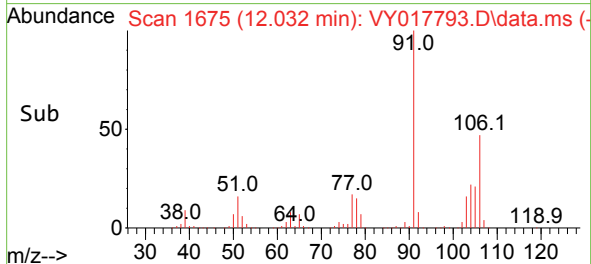
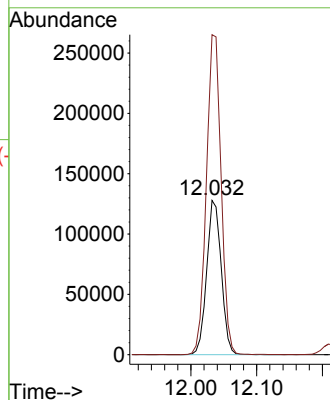
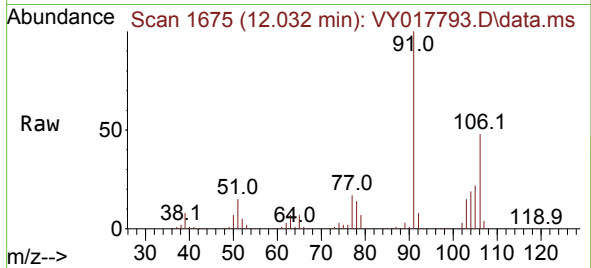




#69
o-Xylene
Concen: 49.831 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

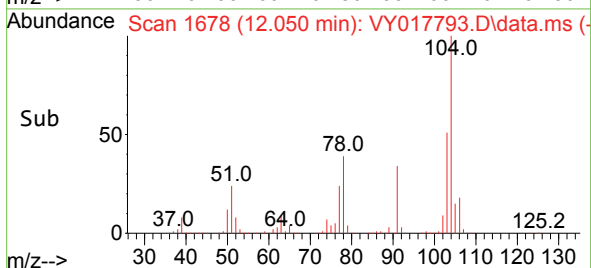
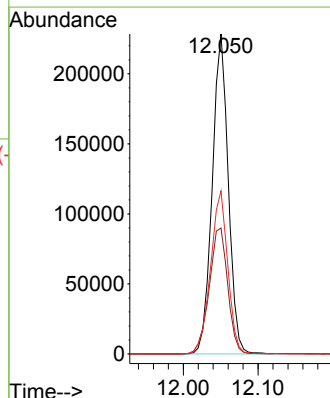
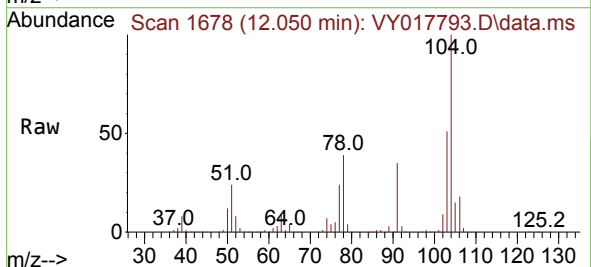
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

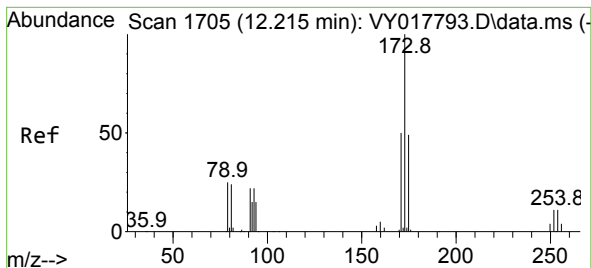
Tgt Ion:106 Resp: 197044
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.8



#70
Styrene
Concen: 49.985 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion:104 Resp: 340797
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 43.656 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

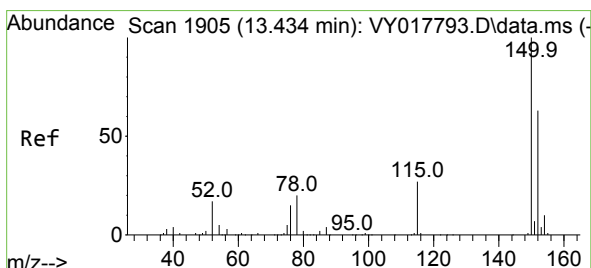
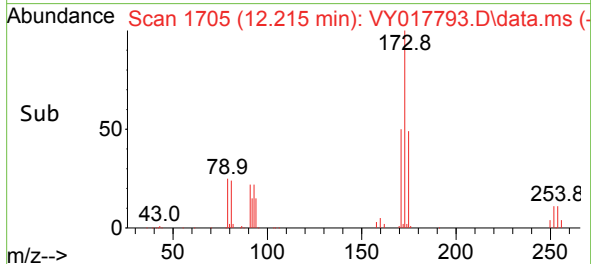
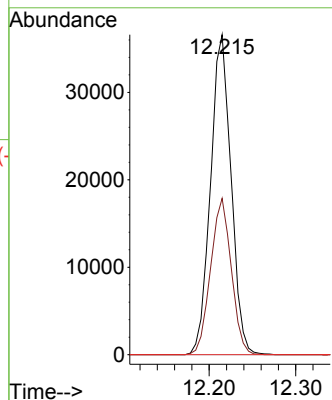
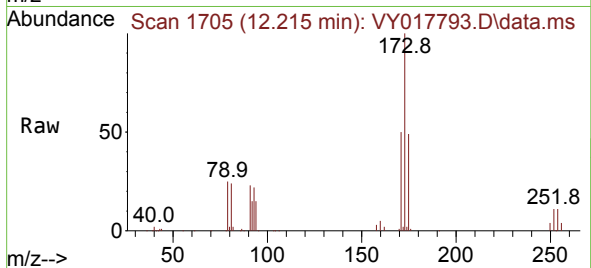
Tgt Ion:173 Resp: 60262

Ion Ratio Lower Upper

173 100

175 49.2 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: VY017793.D

Acq: 29 Mar 2024 15:56

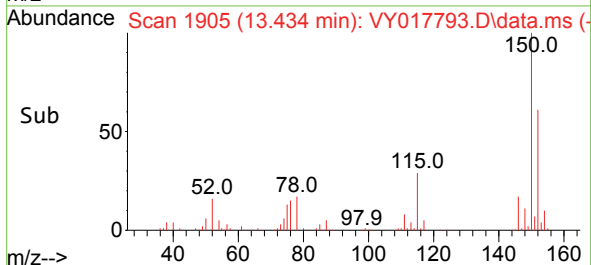
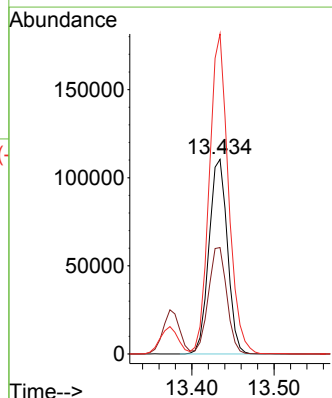
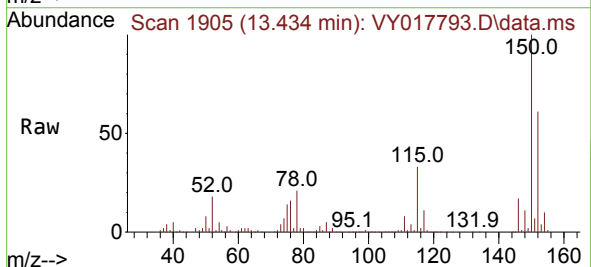
Tgt Ion:152 Resp: 171962

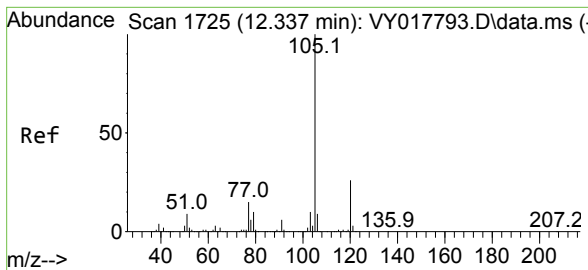
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 170.4 0.0 345.6

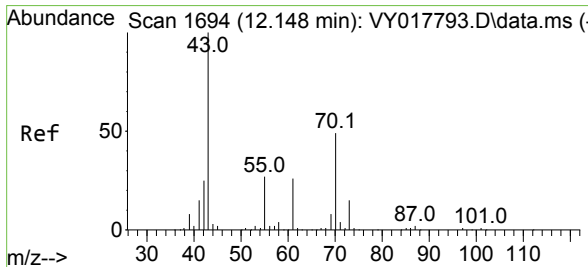
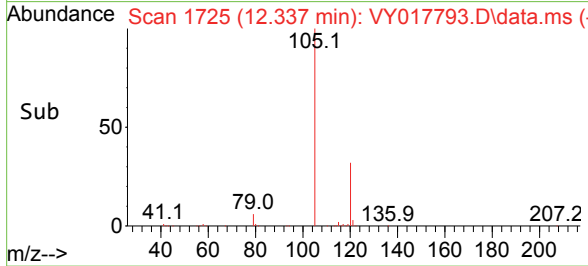
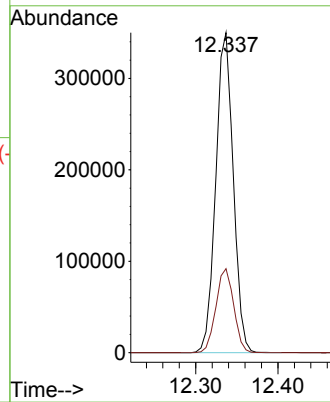
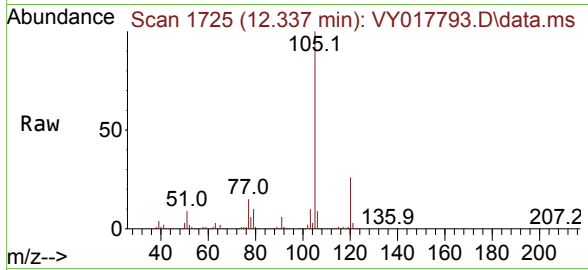




#73
Isopropylbenzene
Concen: 42.878 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

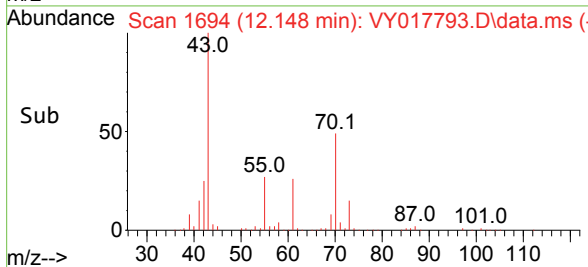
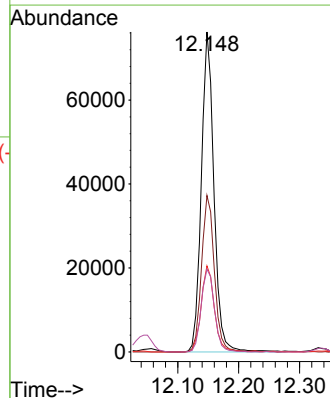
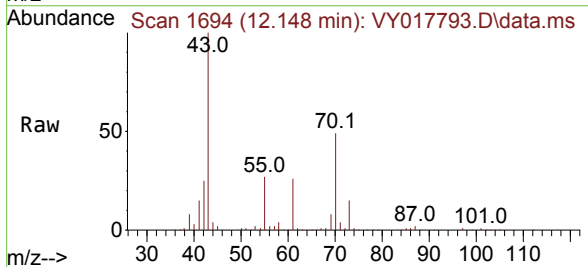
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

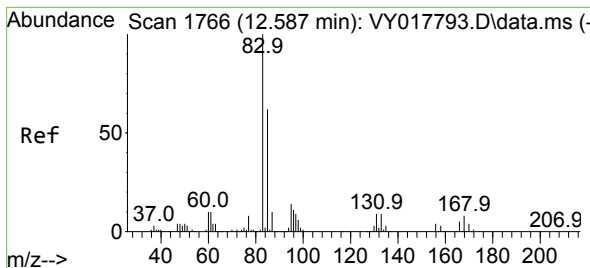
Tgt Ion:105 Resp: 516731
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 48.425 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 43 Resp: 109431
Ion Ratio Lower Upper
43 100
70 50.1 41.4 62.2
55 28.1 23.3 34.9
61 27.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 42.119 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

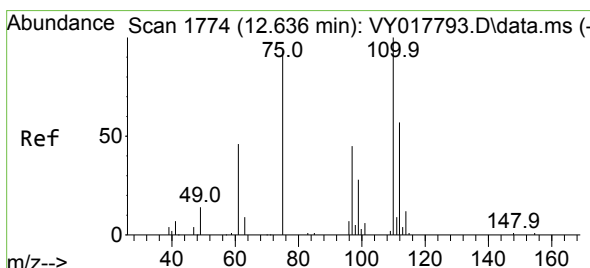
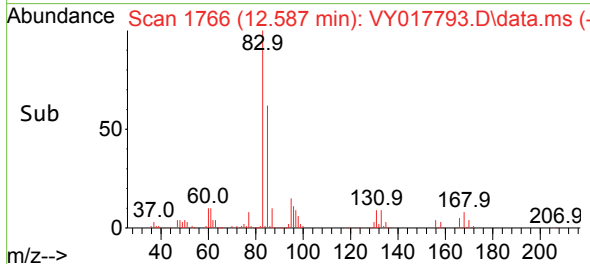
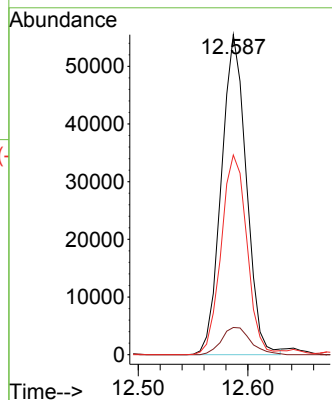
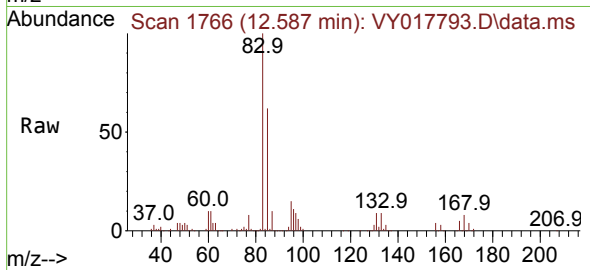
Tgt Ion: 83 Resp: 87803

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 75.193 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017793.D

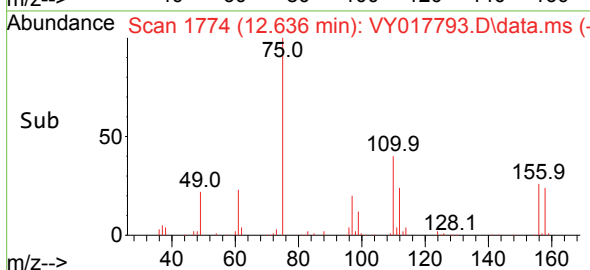
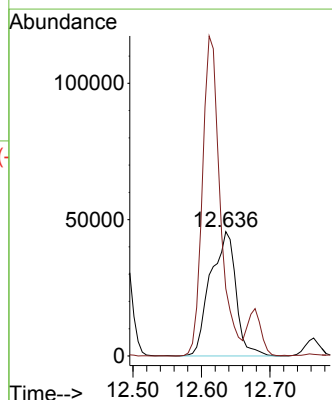
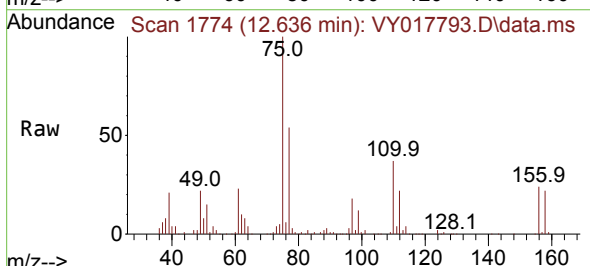
Acq: 29 Mar 2024 15:56

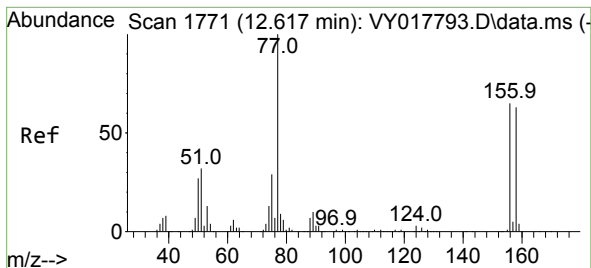
Tgt Ion: 75 Resp: 117987

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.681 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

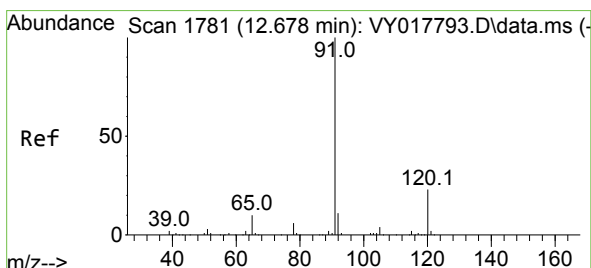
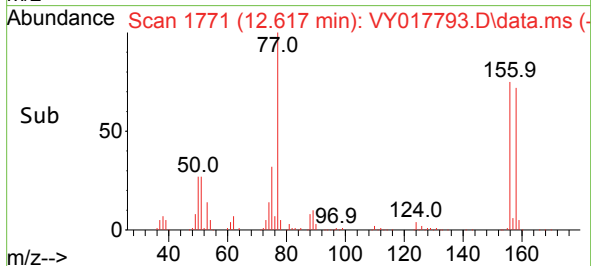
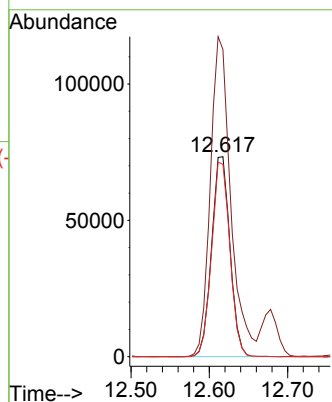
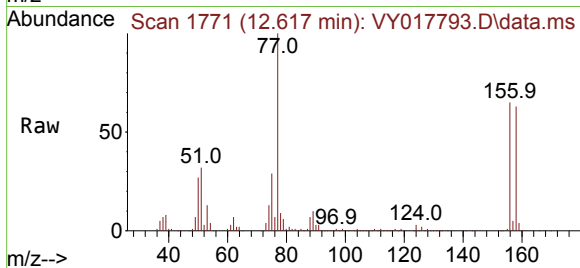
Tgt Ion:156 Resp: 119632

Ion Ratio Lower Upper

156 100

77 177.4 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 43.452 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017793.D

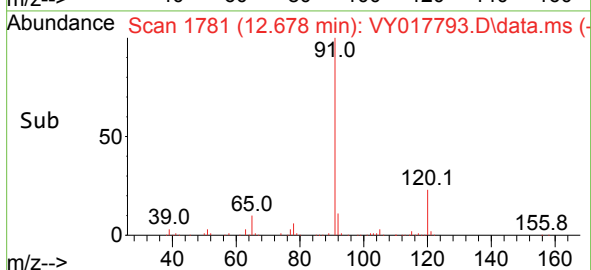
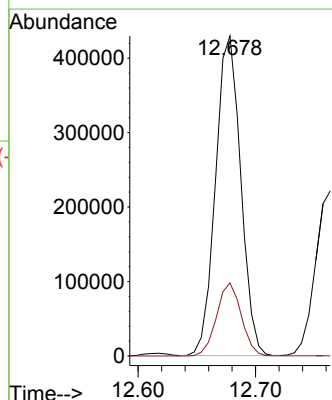
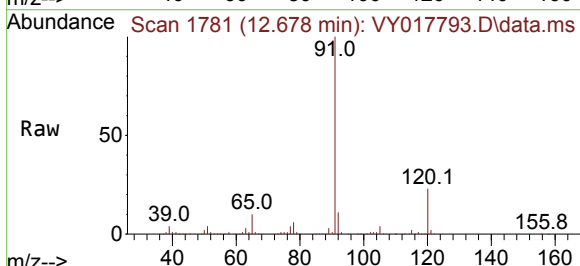
Acq: 29 Mar 2024 15:56

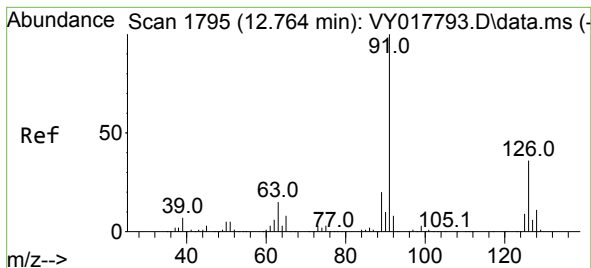
Tgt Ion: 91 Resp: 638956

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 42.960 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

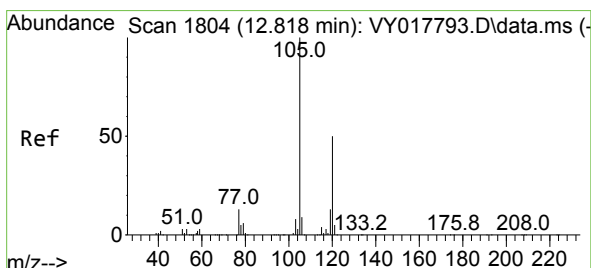
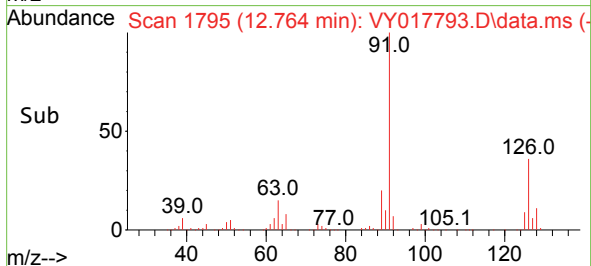
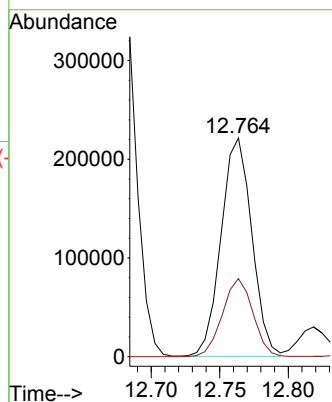
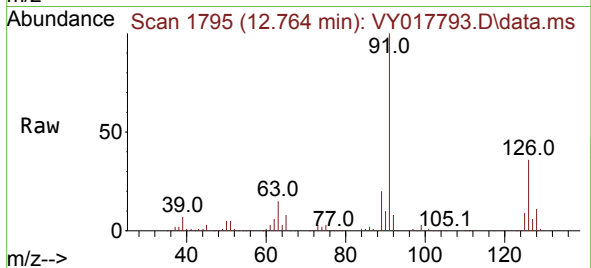
VSTDICCC050

Tgt Ion: 91 Resp: 346025

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 43.463 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017793.D

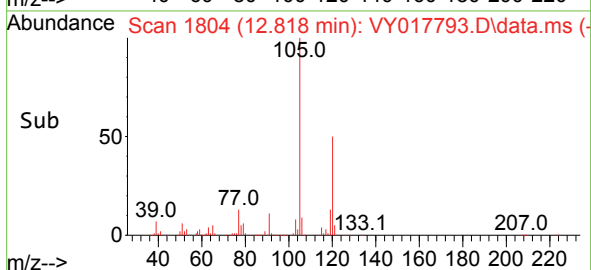
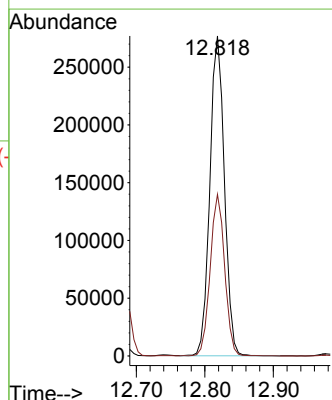
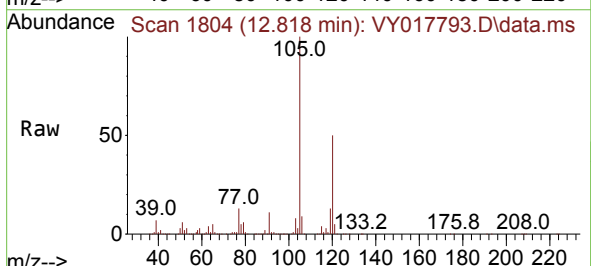
Acq: 29 Mar 2024 15:56

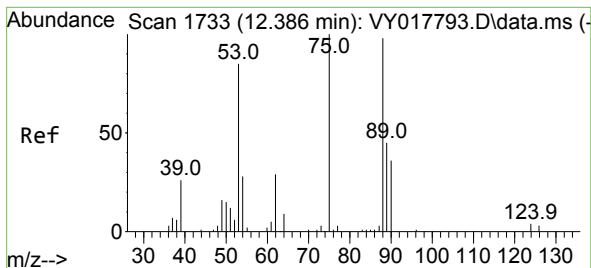
Tgt Ion:105 Resp: 408765

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

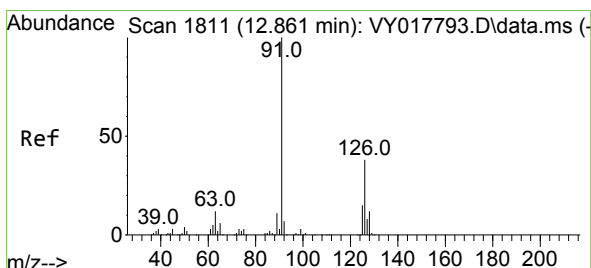
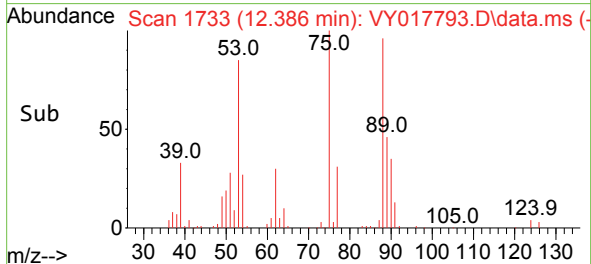
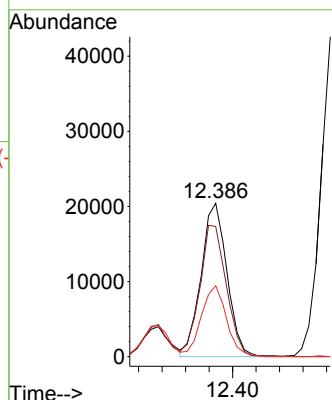
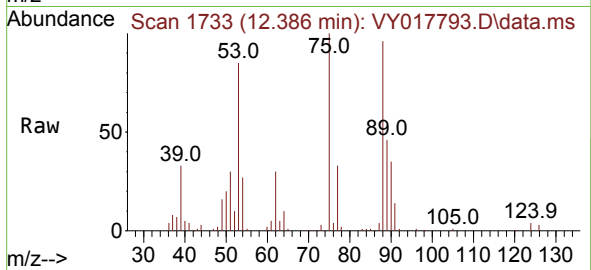




#81
trans-1,4-Dichloro-2-butene
Concen: 47.004 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

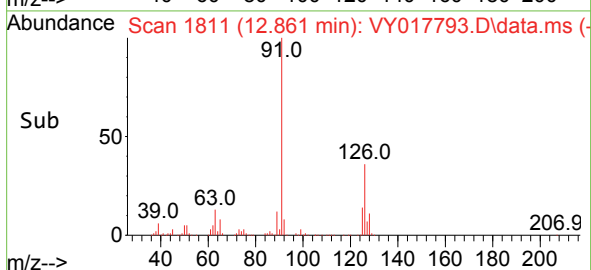
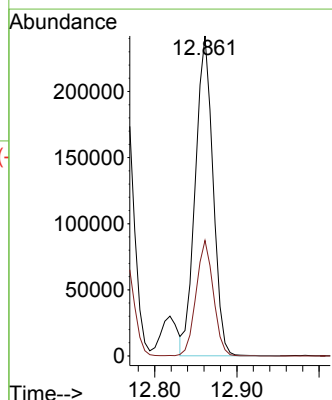
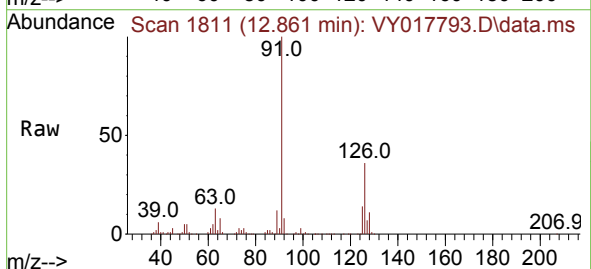
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

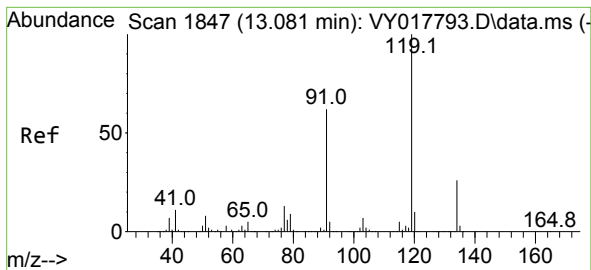
Tgt Ion: 75 Resp: 31278
Ion Ratio Lower Upper
75 100
53 87.7 66.8 100.2
89 44.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.147 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 91 Resp: 359860
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 42.525 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

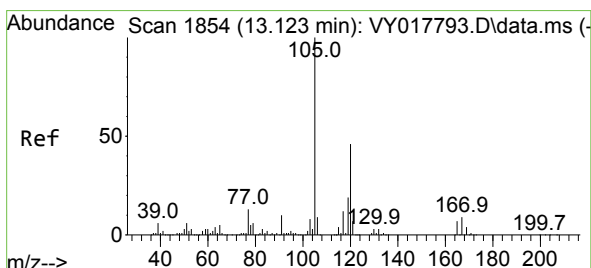
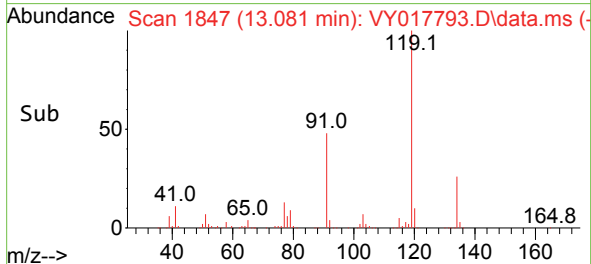
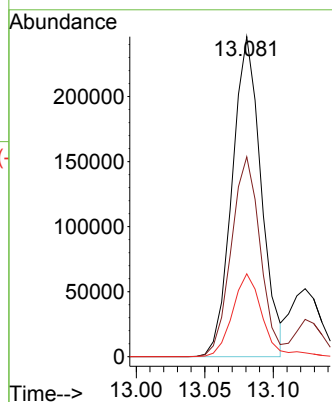
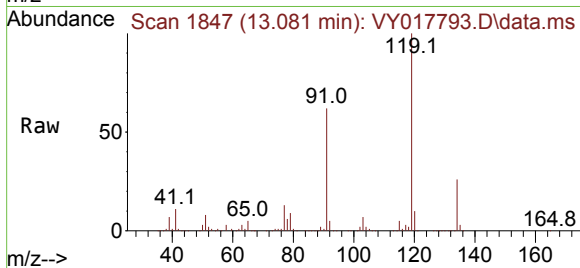
Tgt Ion:119 Resp: 363620

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.263 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017793.D

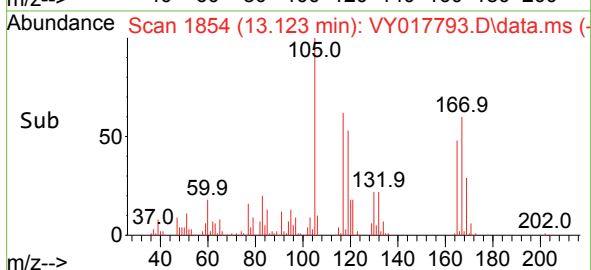
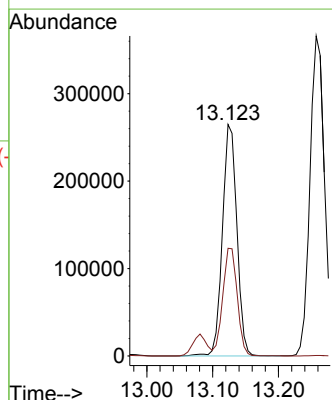
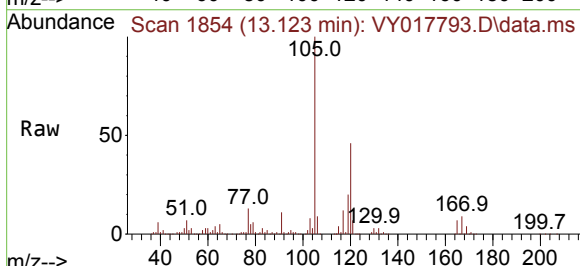
Acq: 29 Mar 2024 15:56

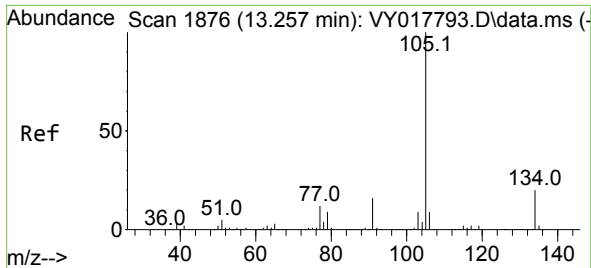
Tgt Ion:105 Resp: 405240

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6

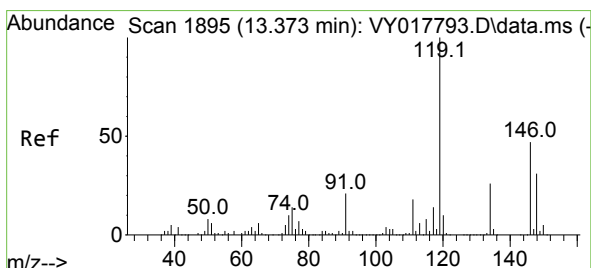
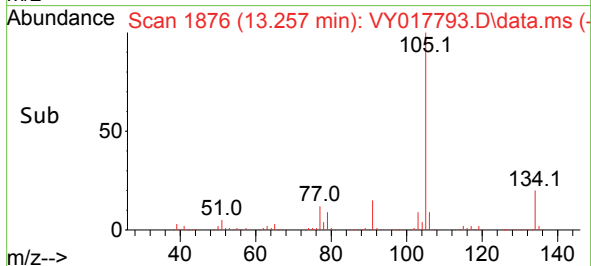
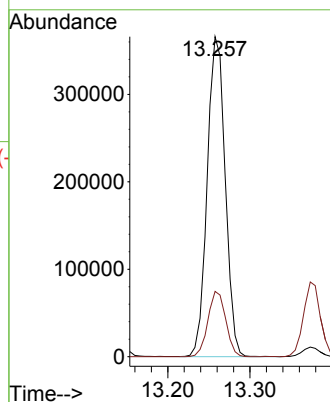
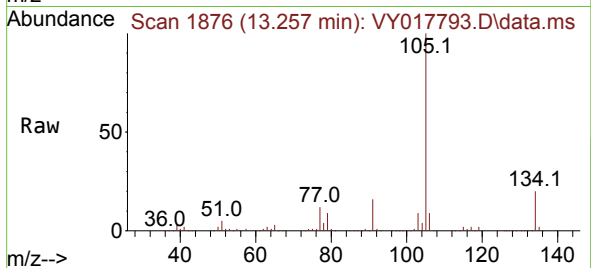




#85
 sec-Butylbenzene
 Concen: 43.321 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

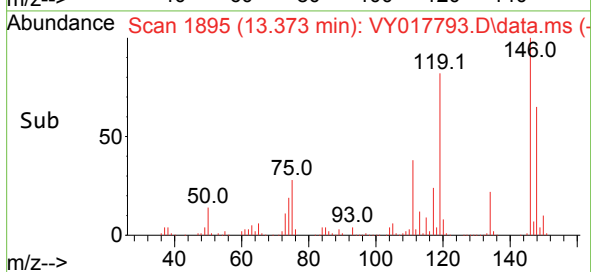
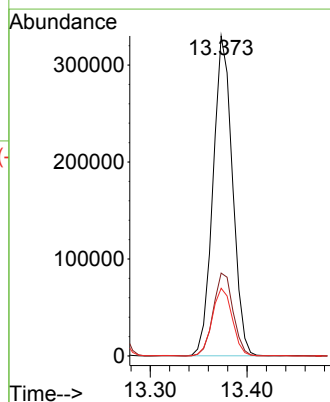
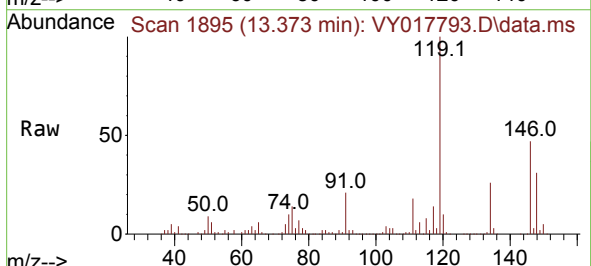
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

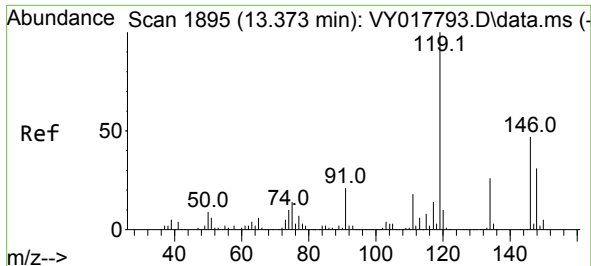
Tgt Ion:105 Resp: 555967
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 42.871 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017793.D
 Acq: 29 Mar 2024 15:56

Tgt Ion:119 Resp: 459894
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 41.448 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

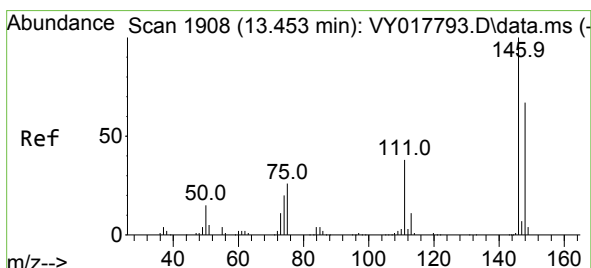
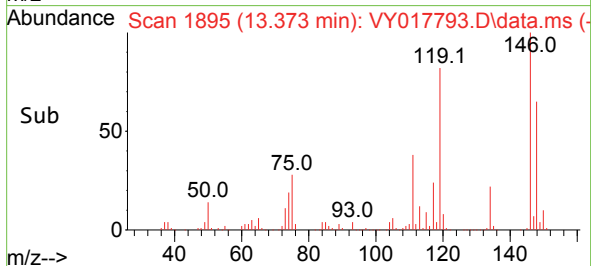
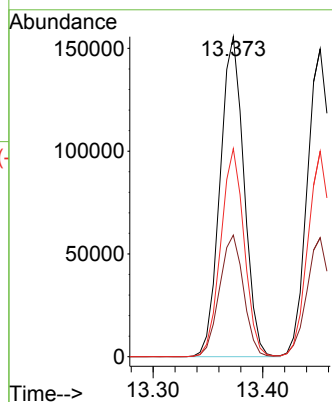
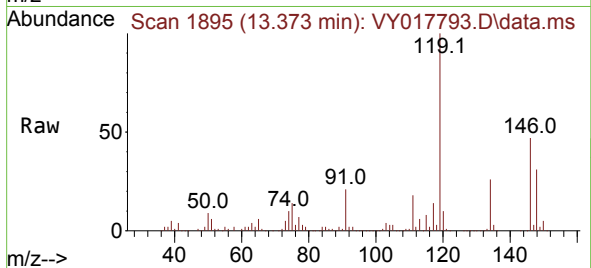
Tgt Ion:146 Resp: 236052

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 42.103 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

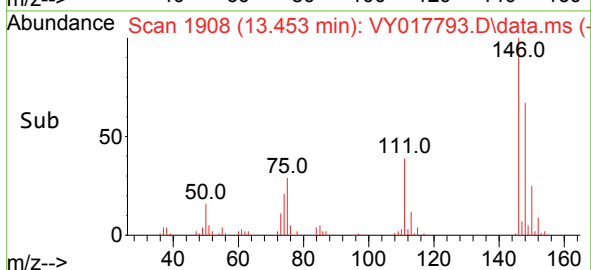
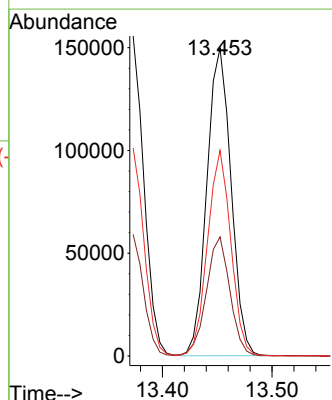
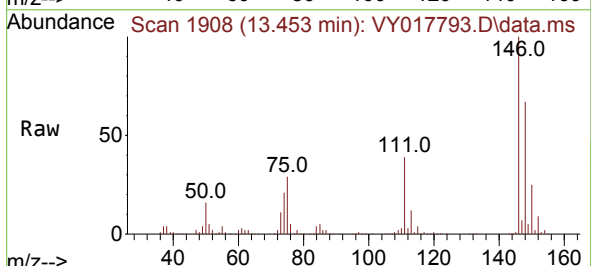
Tgt Ion:146 Resp: 229511

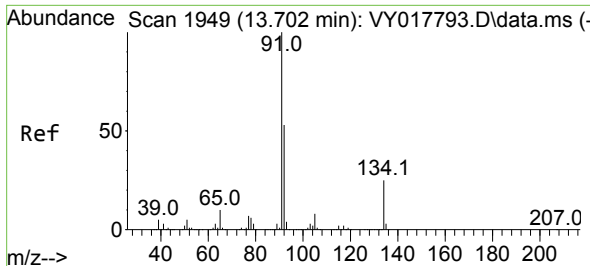
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.4

148 64.6 32.4 97.2

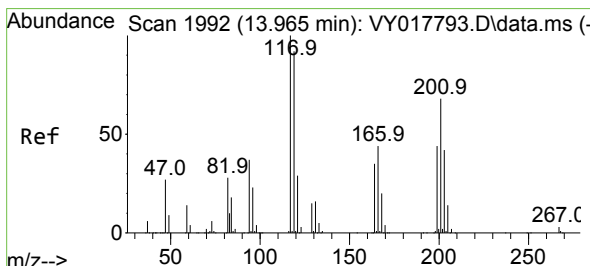
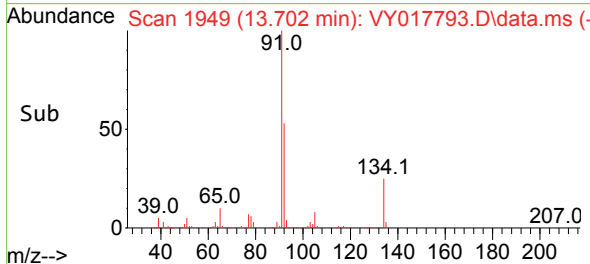
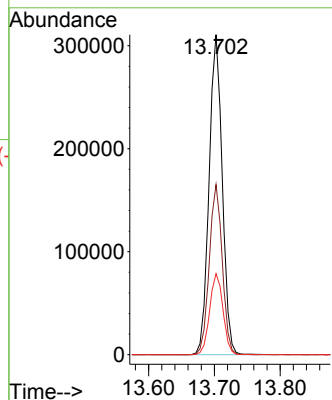
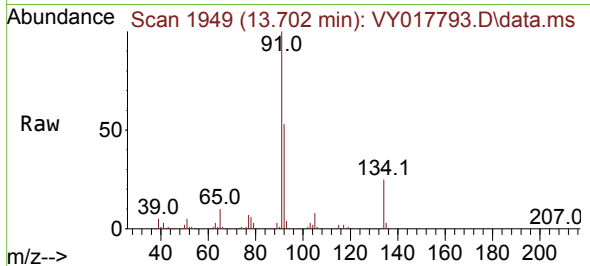




#89
n-Butylbenzene
Concen: 43.877 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

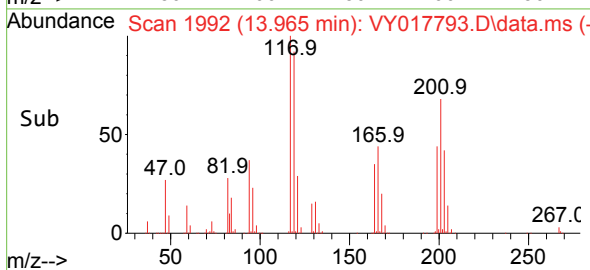
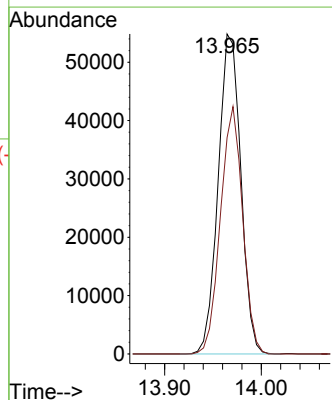
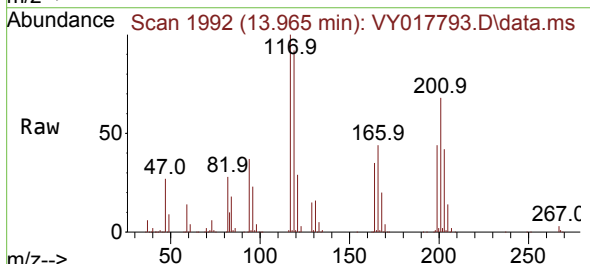
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

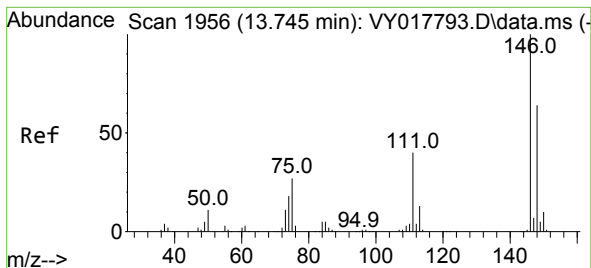
Tgt Ion: 91 Resp: 433049
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 41.695 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 117 Resp: 88939
Ion Ratio Lower Upper
117 100
201 75.7 37.4 112.2

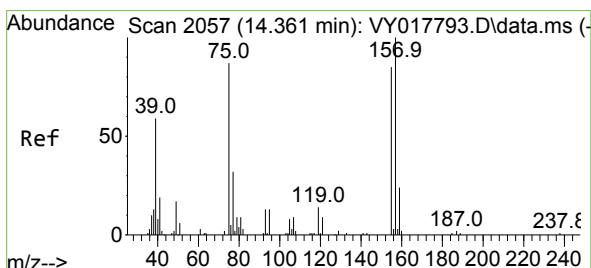
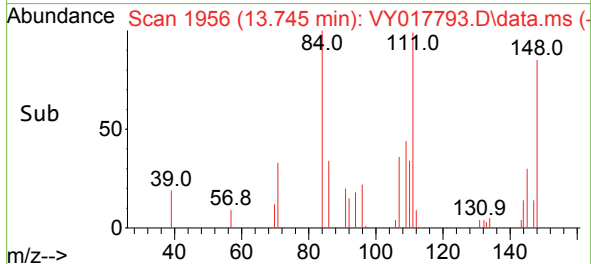
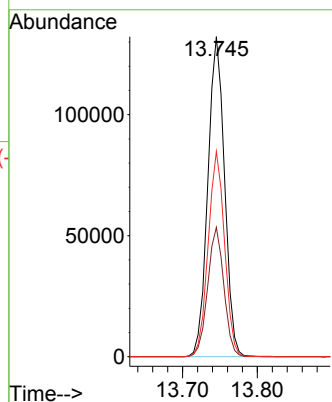
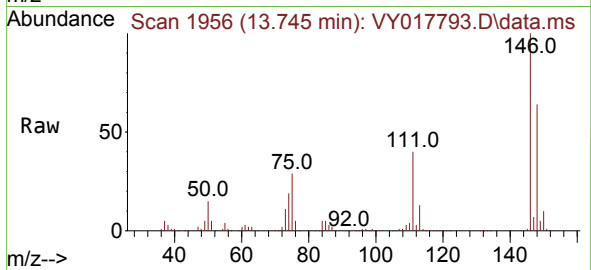




#91
1,2-Dichlorobenzene
Concen: 43.392 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

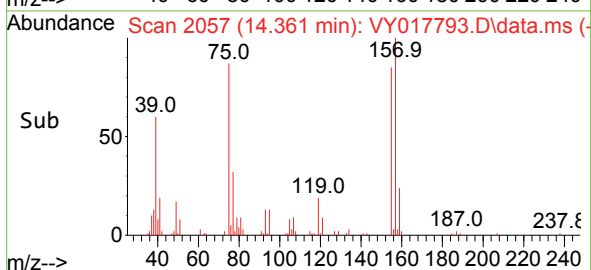
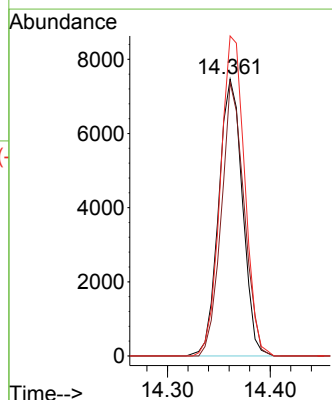
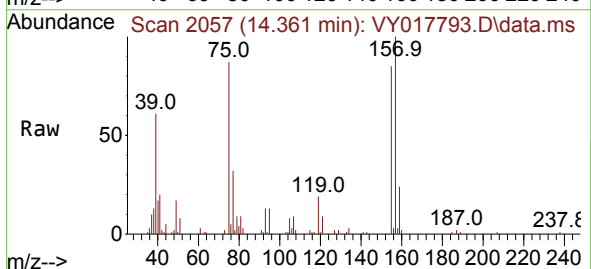
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

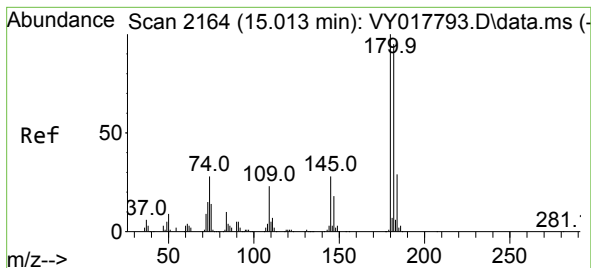
Tgt Ion:146 Resp: 204846
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 63.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.538 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017793.D
Acq: 29 Mar 2024 15:56

Tgt Ion: 75 Resp: 11983
Ion Ratio Lower Upper
75 100
155 94.1 48.6 145.8
157 118.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.866 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

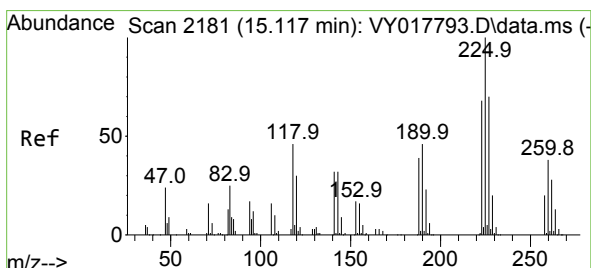
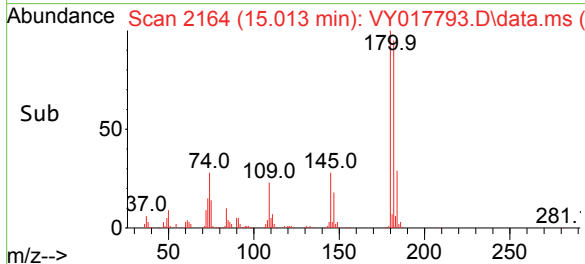
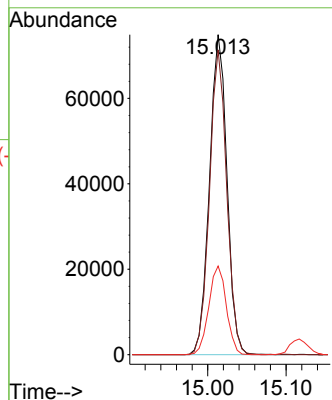
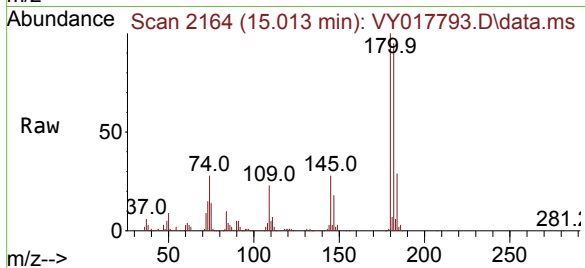
Tgt Ion:180 Resp: 116010

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.549 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

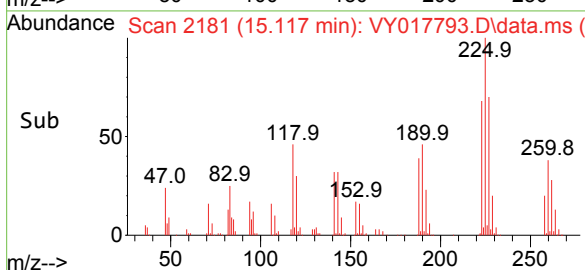
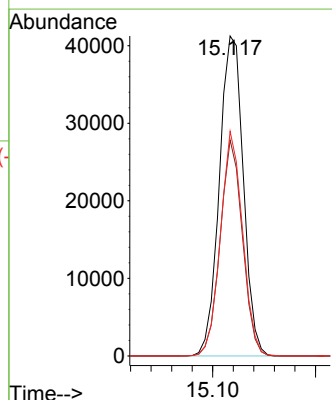
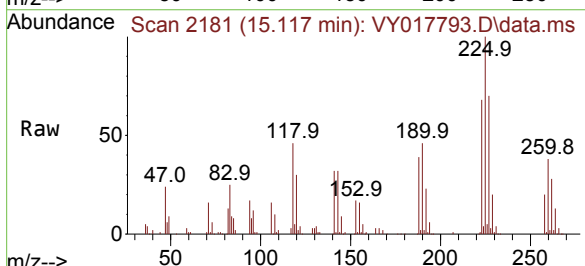
Tgt Ion:225 Resp: 66695

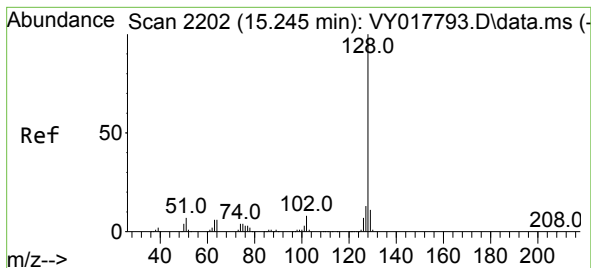
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 47.876 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

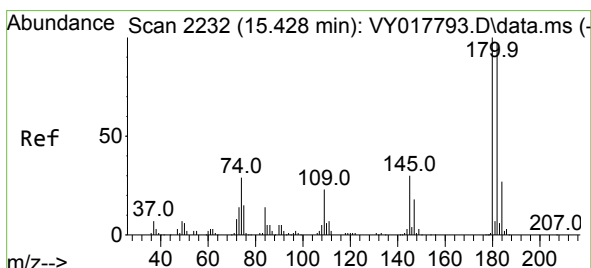
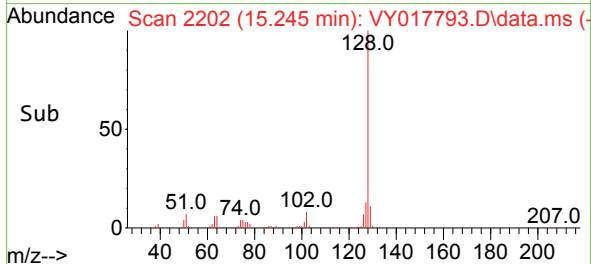
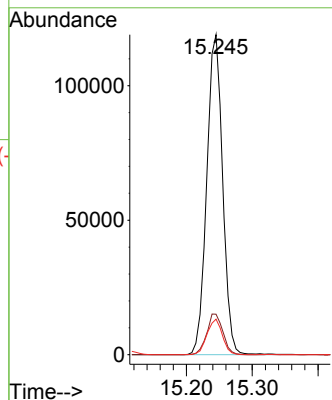
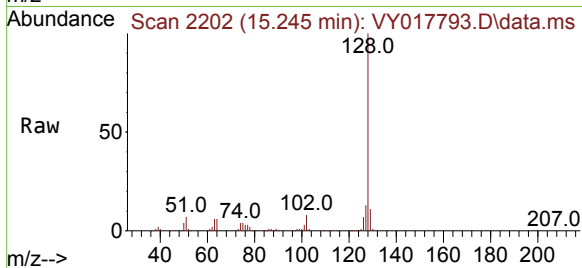
Tgt Ion:128 Resp: 200041

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.858 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017793.D

Acq: 29 Mar 2024 15:56

Tgt Ion:180 Resp: 97977

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.9

145 29.6 15.4 46.1

