

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012662.D
 Acq On : 17 Feb 2023 19:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 17 22:50:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79750	54.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.716	113	68898	56.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.280%	
50) Toluene-d8	10.179	98	276464	54.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.477	95	97212	54.562	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	32439	39.451	ug/l	96
3) Chloromethane	2.113	50	33470	37.610	ug/l	94
4) Vinyl Chloride	2.253	62	46113	41.591	ug/l	100
5) Bromomethane	2.650	94	40363	49.862	ug/l	98
6) Chloroethane	2.790	64	35546	46.060	ug/l	100
7) Trichlorofluoromethane	3.125	101	105970	46.501	ug/l	94
8) Diethyl Ether	3.527	74	34824	51.534	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	55338	48.087	ug/l	98
10) Methyl Iodide	4.088	142	69077	46.302	ug/l	99
11) Tert butyl alcohol	4.954	59	34266	244.136	ug/l	99
12) 1,1-Dichloroethene	3.869	96	51621	45.399	ug/l	96
13) Acrolein	3.723	56	28764	168.461	ug/l	99
14) Allyl chloride	4.478	41	63735	45.972	ug/l	97
15) Acrylonitrile	5.161	53	87855	281.806	ug/l	99
16) Acetone	3.942	43	73197	209.388	ug/l	99
17) Carbon Disulfide	4.192	76	112372	38.101	ug/l	97
18) Methyl Acetate	4.472	43	43499	51.770	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	189321	56.900	ug/l	98
20) Methylene Chloride	4.716	84	68101	52.345	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	59671	48.119	ug/l	98
22) Diisopropyl ether	6.112	45	148660	52.735	ug/l	95
23) Vinyl Acetate	6.057	43	467370	275.016	ug/l	97
24) 1,1-Dichloroethane	6.015	63	101409	50.321	ug/l	99
25) 2-Butanone	6.984	43	97980	252.619	ug/l	95
26) 2,2-Dichloropropane	6.978	77	106918	48.288	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	74786	51.968	ug/l	98
28) Bromochloromethane	7.332	49	41987	57.317	ug/l	96
29) Tetrahydrofuran	7.344	42	60261	287.392	ug/l	96
30) Chloroform	7.502	83	129895	53.462	ug/l	100
31) Cyclohexane	7.783	56	70552	42.014	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	123494	52.378	ug/l	99
36) 1,1-Dichloropropene	7.917	75	79986	48.158	ug/l	98
37) Ethyl Acetate	7.076	43	40779	54.412	ug/l	98
38) Carbon Tetrachloride	7.899	117	115805	51.942	ug/l	97
39) Methylcyclohexane	9.185	83	93914	46.991	ug/l	98
40) Benzene	8.155	78	248587	50.674	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	60536	147.437	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	89527	56.306	ug/l	100
43) Isopropyl Acetate	8.270	43	78784	56.698	ug/l	99
44) Trichloroethene	8.935	130	77752	52.067	ug/l	100
45) 1,2-Dichloropropane	9.215	63	55928	52.578	ug/l	98
46) Dibromomethane	9.301	93	39487	56.064	ug/l	98
47) Bromodichloromethane	9.496	83	101870	55.782	ug/l	99
48) Methyl methacrylate	9.289	41	36174	56.954	ug/l	94
49) 1,4-Dioxane	9.295	88	12156	1250.244	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	226855	302.595	ug/l	99
52) Toluene	10.240	92	176535	53.067	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	102157	55.514	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	107711	54.088	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	60429	58.717	ug/l	97
56) Ethyl methacrylate	10.508	69	77706	60.098	ug/l	96
57) 1,3-Dichloropropane	10.788	76	96033	57.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	174975	301.073	ug/l	96
59) 2-Hexanone	10.831	43	163722	288.977	ug/l	99
60) Dibromochloromethane	10.983	129	81473	59.389	ug/l	99
61) 1,2-Dibromoethane	11.087	107	55875	57.944	ug/l	97
64) Tetrachloroethene	10.721	164	95162	55.567	ug/l	96
65) Chlorobenzene	11.514	112	199846	51.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	83006	54.442	ug/l	98
67) Ethyl Benzene	11.593	91	347177	50.827	ug/l	99
68) m/p-Xylenes	11.703	106	277738	101.867	ug/l	99
69) o-Xylene	12.026	106	137126	52.811	ug/l	98
70) Styrene	12.044	104	236996	53.819	ug/l	99
71) Bromoform	12.209	173	56580	58.710	ug/l #	97
73) Isopropylbenzene	12.331	105	365926	48.017	ug/l	99
74) N-amyl acetate	12.142	43	71534	51.854	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	63143	51.242	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	92843	88.224	ug/l #	100
77) Bromobenzene	12.605	156	92794	50.238	ug/l	98
78) n-propylbenzene	12.672	91	416183	47.447	ug/l	100
79) 2-Chlorotoluene	12.757	91	240832	48.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	319789	48.746	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23395	50.132	ug/l	98
82) 4-Chlorotoluene	12.855	91	252940	48.424	ug/l	100
83) tert-Butylbenzene	13.074	119	285064	49.552	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	315915	48.941	ug/l	99
85) sec-Butylbenzene	13.251	105	402061	48.853	ug/l	99
86) p-Isopropyltoluene	13.367	119	354890	49.706	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	187086	50.906	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	184706	50.174	ug/l	99
89) n-Butylbenzene	13.696	91	295339	48.400	ug/l	99
90) Hexachloroethane	13.958	117	64496	49.214	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	173301	52.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13631	55.587	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	111561	54.459	ug/l	99
94) Hexachlorobutadiene	15.111	225	65563	51.519	ug/l	99
95) Naphthalene	15.233	128	236344	60.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	100356	56.595	ug/l	99

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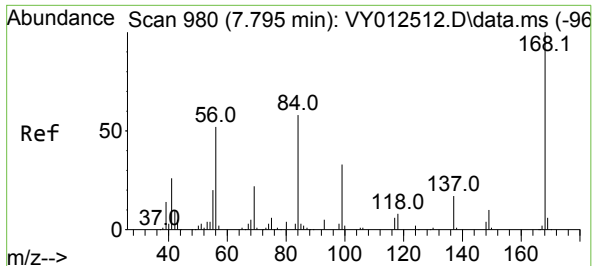
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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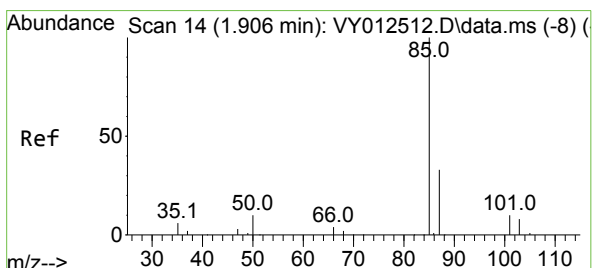
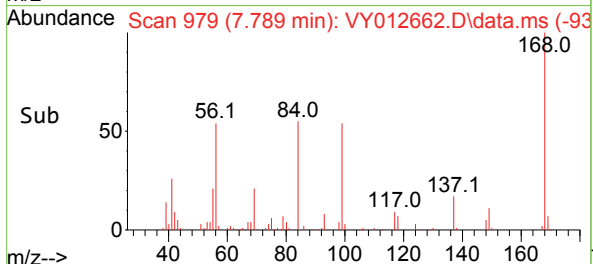
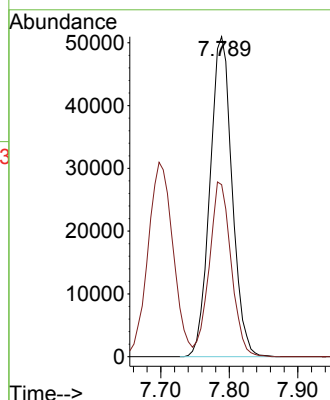
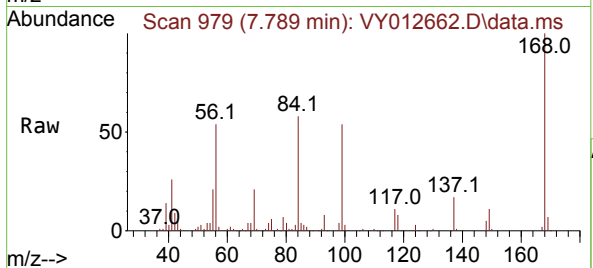




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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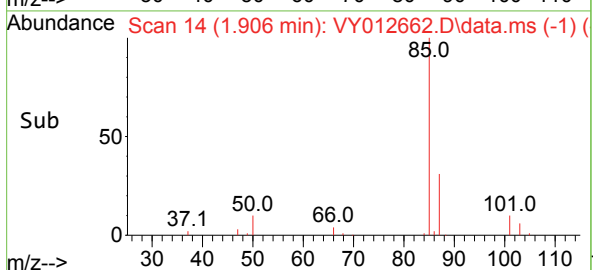
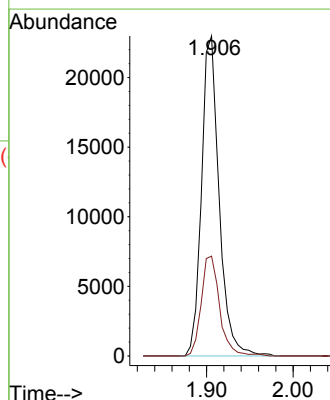
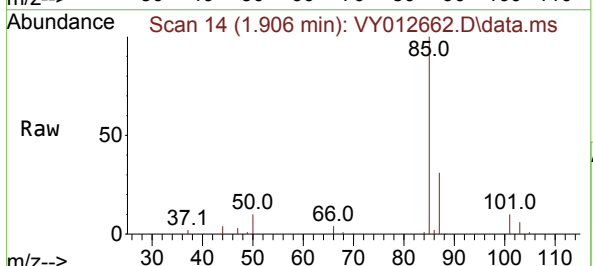
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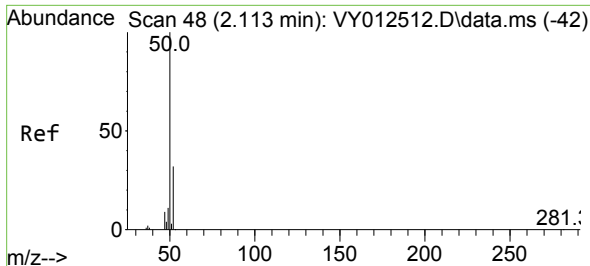
Tgt Ion:168 Resp: 114218
Ion Ratio Lower Upper
168 100
99 53.8 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 39.451 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 85 Resp: 32439
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.8

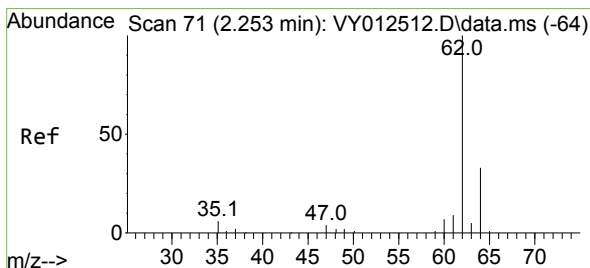
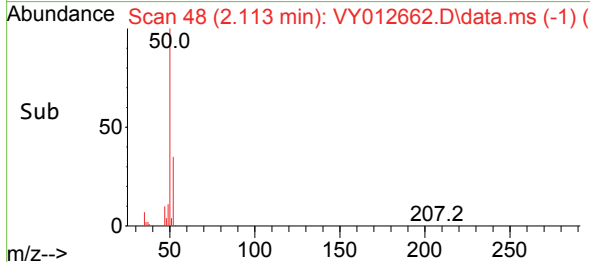
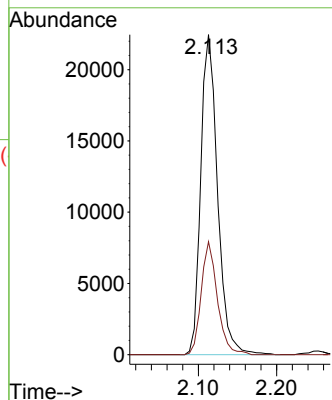
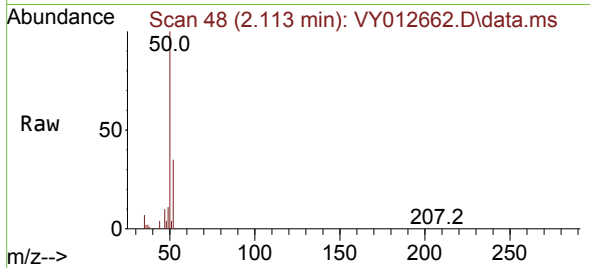




#3
Chloromethane
Concen: 37.610 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

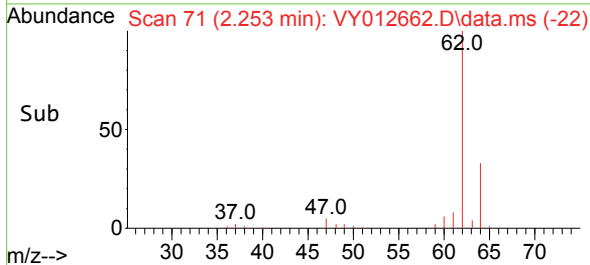
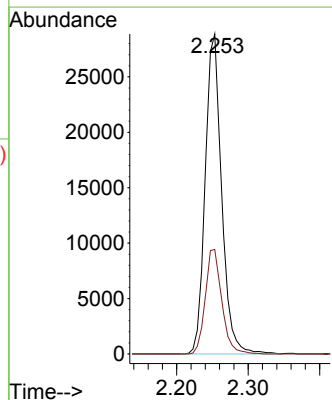
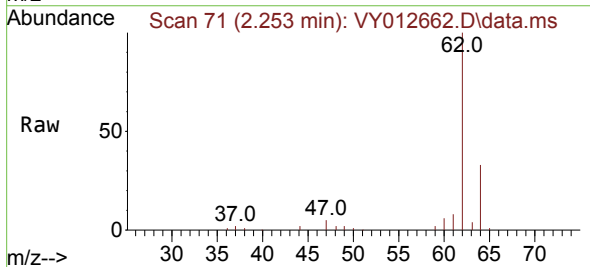
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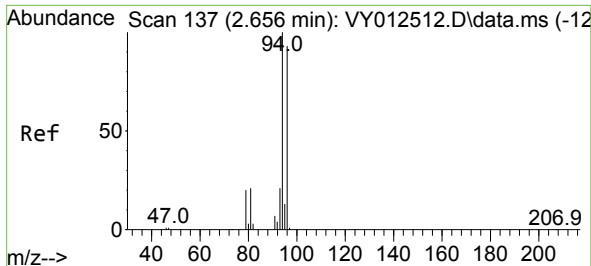
Tgt Ion: 50 Resp: 33470
Ion Ratio Lower Upper
50 100
52 35.3 25.8 38.6



#4
Vinyl Chloride
Concen: 41.591 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 62 Resp: 46113
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

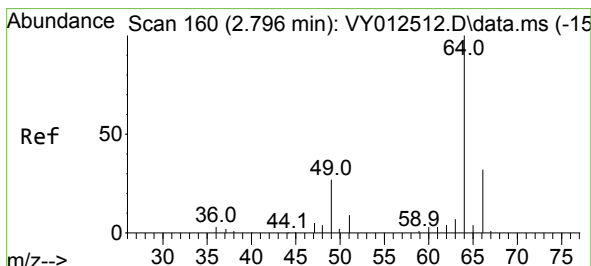
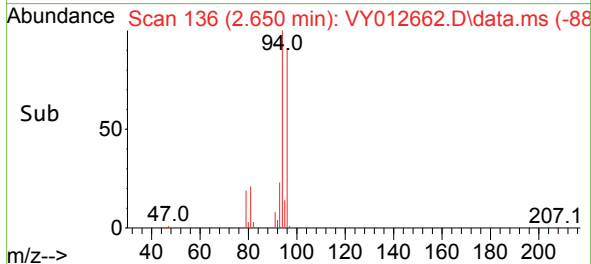
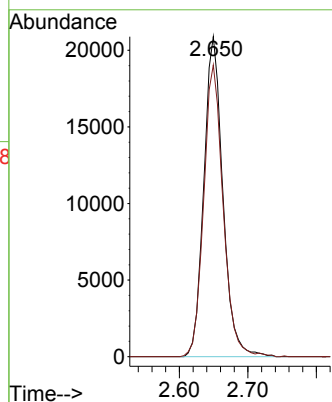
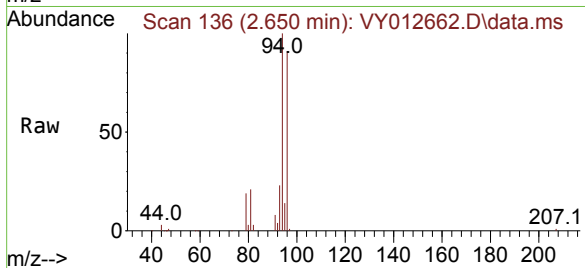




#5
Bromomethane
Concen: 49.862 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

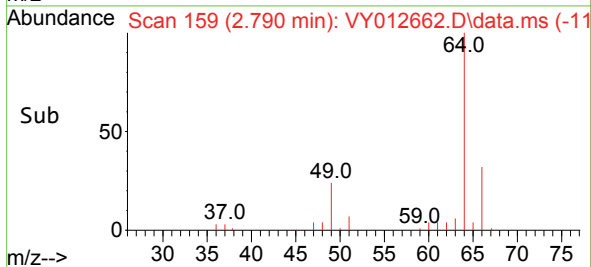
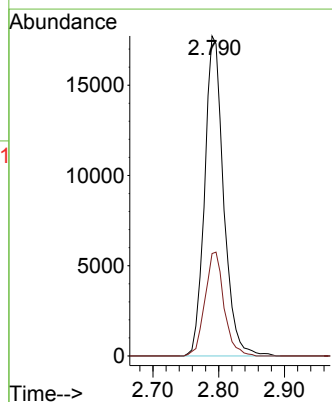
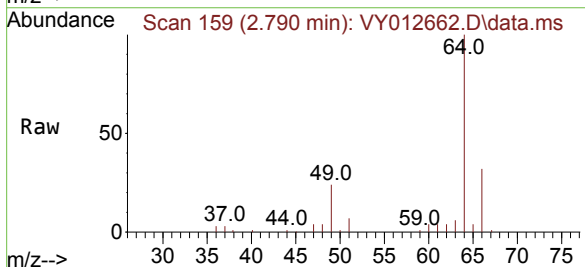
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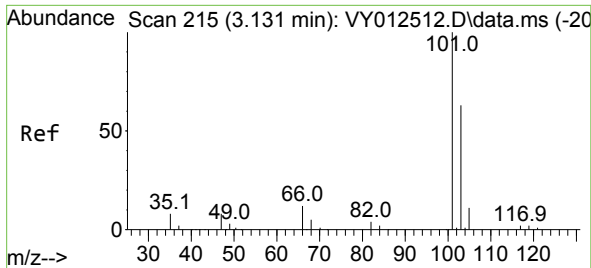
Tgt Ion: 94 Resp: 40363
Ion Ratio Lower Upper
94 100
96 91.2 74.7 112.1



#6
Chloroethane
Concen: 46.060 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 64 Resp: 35546
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

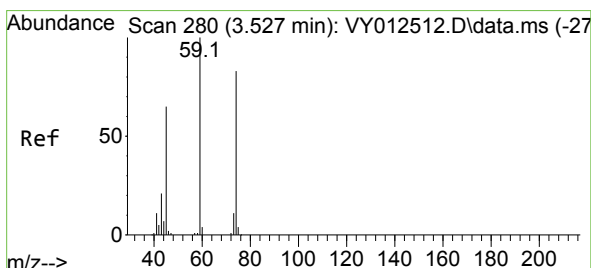
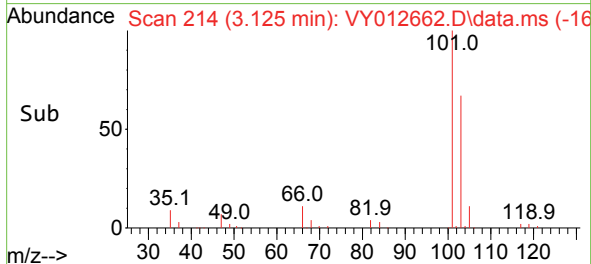
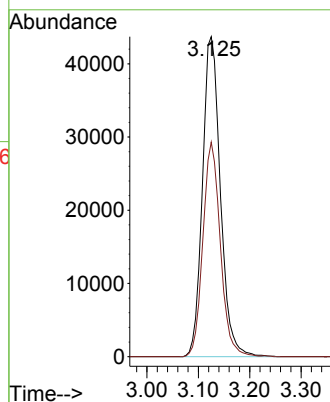
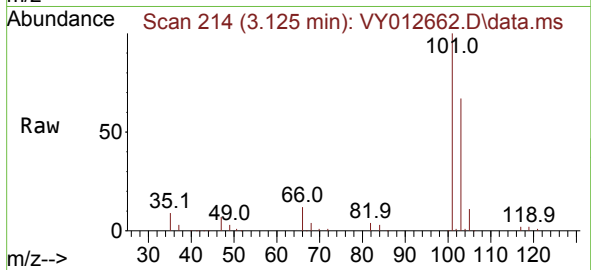




#7
 Trichlorofluoromethane
 Concen: 46.501 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012662.D
 Acq: 17 Feb 2023 19:36

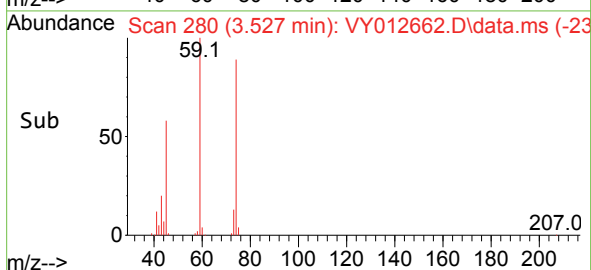
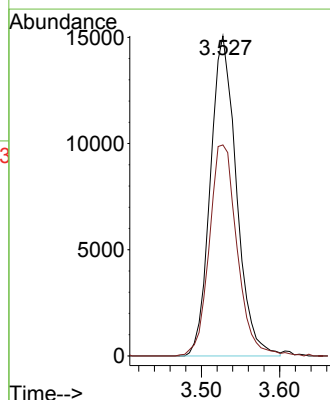
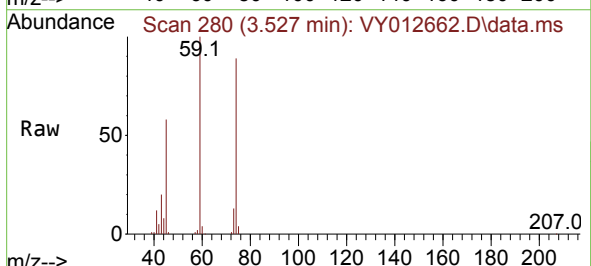
Instrument :
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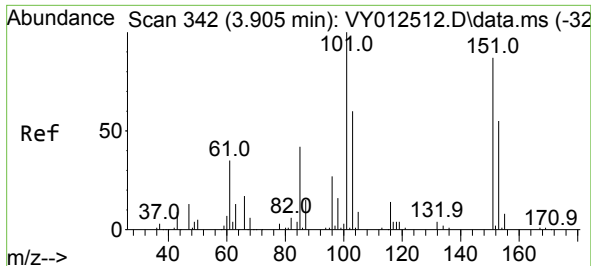
Tgt Ion:101 Resp: 105970
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 51.534 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012662.D
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Tgt Ion: 74 Resp: 34824
 Ion Ratio Lower Upper
 74 100
 45 70.5 37.8 113.4

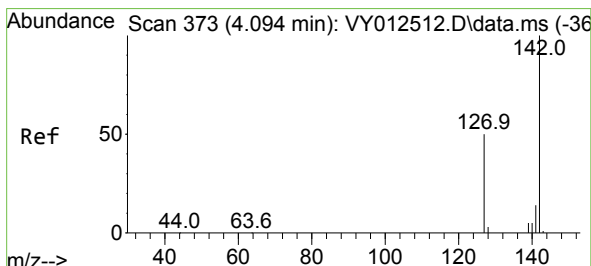
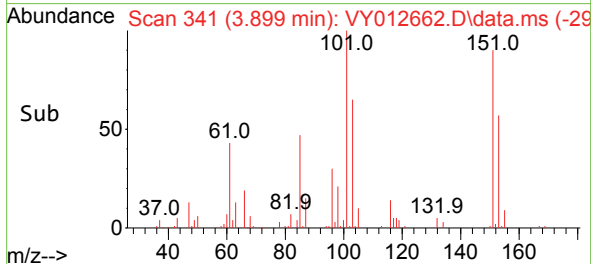
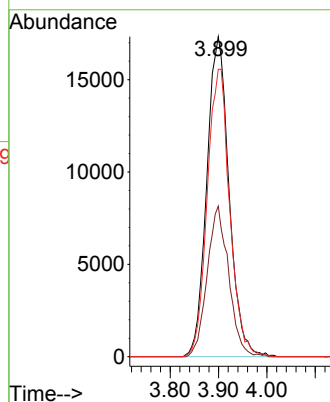
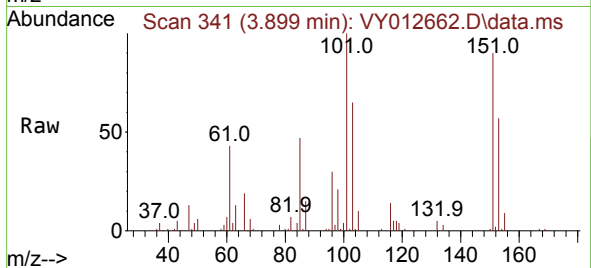




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.087 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

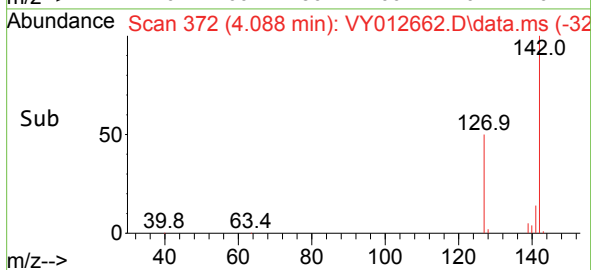
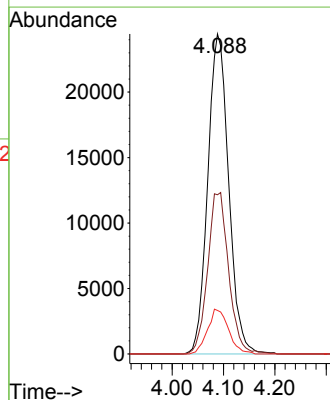
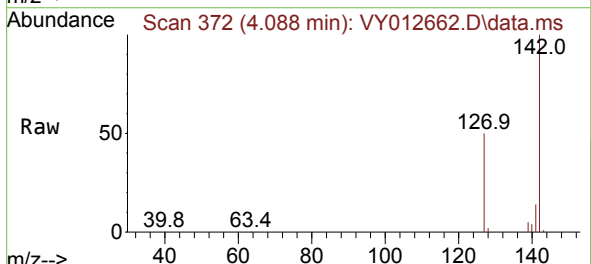
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

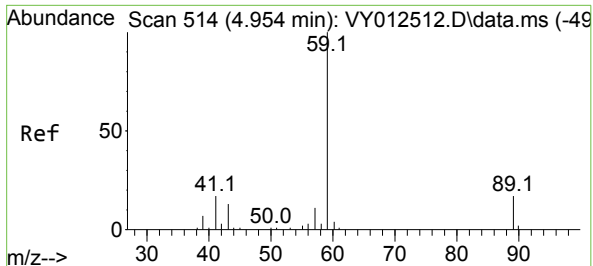
Tgt Ion:101 Resp: 55338
Ion Ratio Lower Upper
101 100
85 45.6 36.1 54.1
151 90.8 70.7 106.1



#10
Methyl Iodide
Concen: 46.302 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion:142 Resp: 69077
Ion Ratio Lower Upper
142 100
127 50.8 39.8 59.6
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 244.136 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

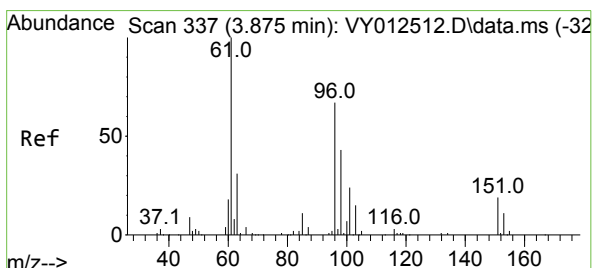
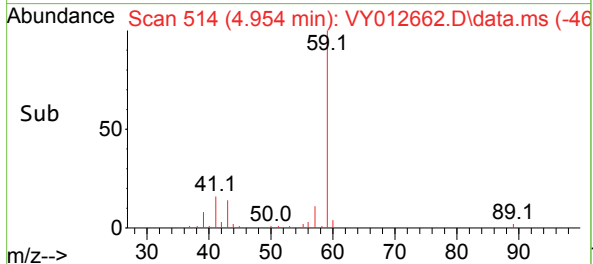
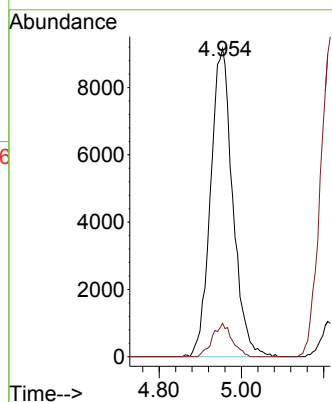
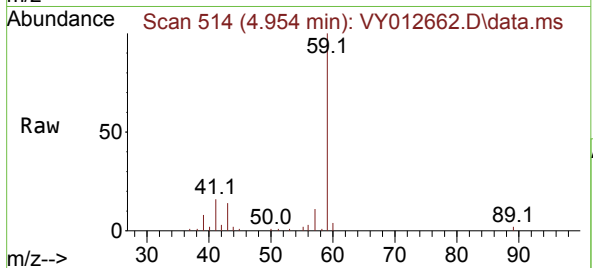
VSTDCCC050EC

Tgt Ion: 59 Resp: 34266

Ion Ratio Lower Upper

59 100

57 9.5 7.2 10.8



#12

1,1-Dichloroethene

Concen: 45.399 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

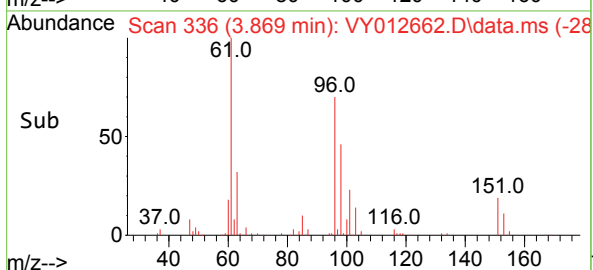
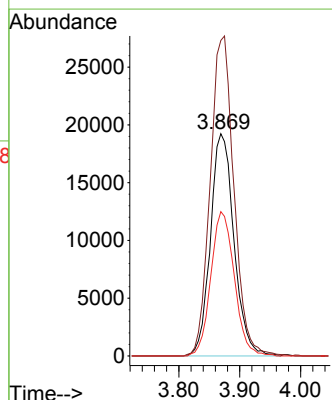
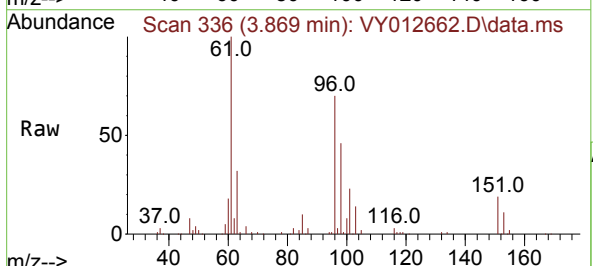
Tgt Ion: 96 Resp: 51621

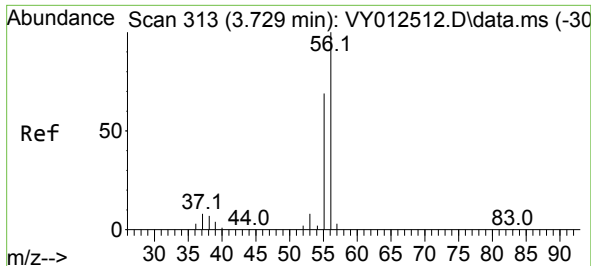
Ion Ratio Lower Upper

96 100

61 142.0 119.4 179.2

98 65.0 51.9 77.9





#13

Acrolein

Concen: 168.461 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

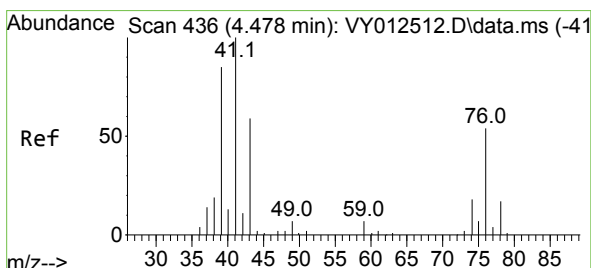
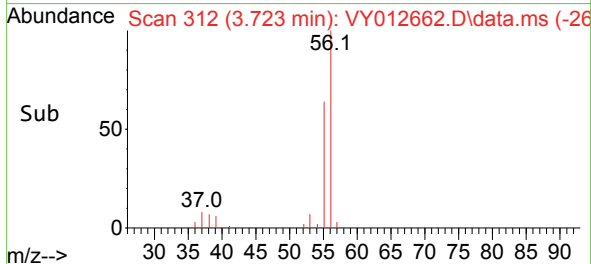
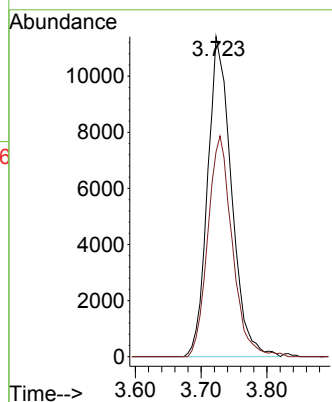
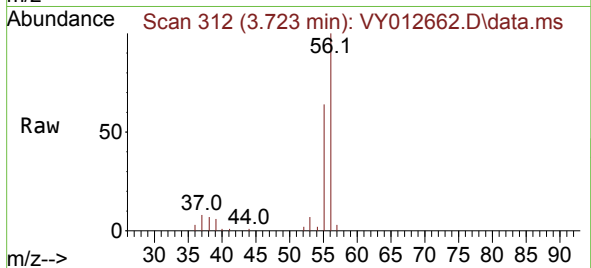
VSTDCCC050EC

Tgt Ion: 56 Resp: 28764

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 45.972 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

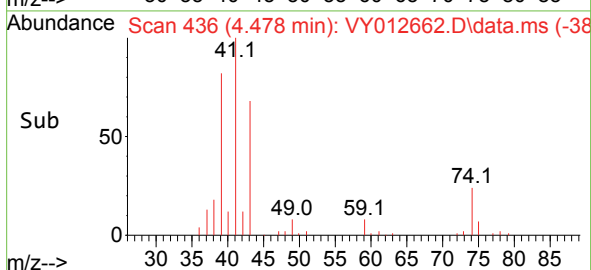
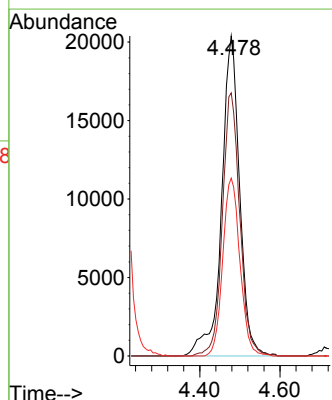
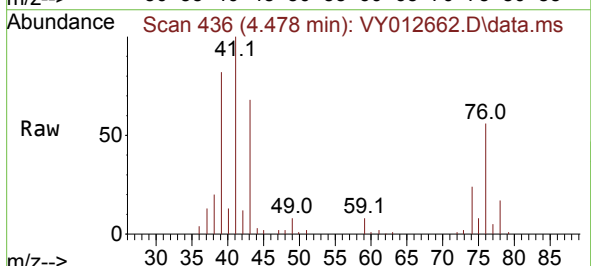
Tgt Ion: 41 Resp: 63735

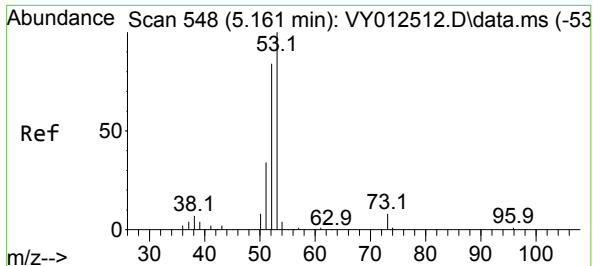
Ion Ratio Lower Upper

41 100

39 79.4 62.6 94.0

76 52.9 39.6 59.4





#15

Acrylonitrile

Concen: 281.806 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

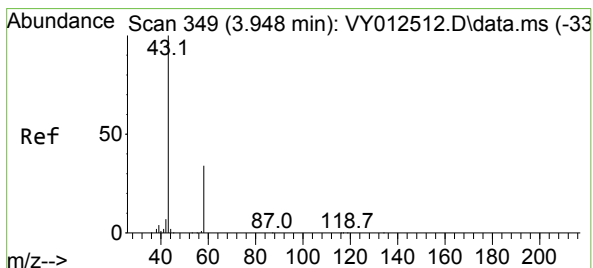
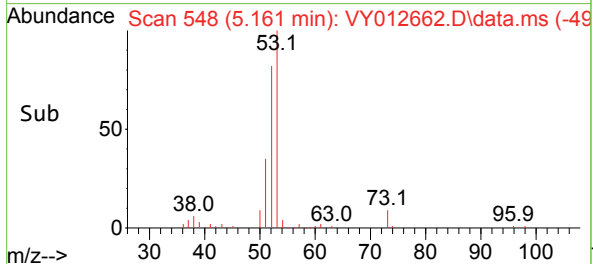
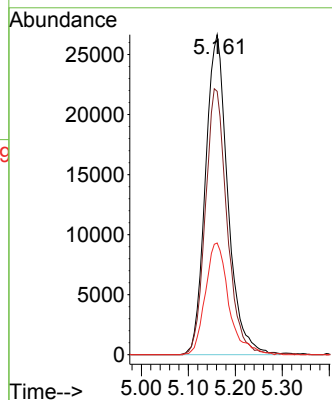
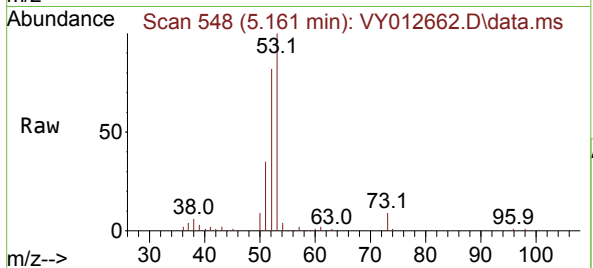
Tgt Ion: 53 Resp: 87855

Ion Ratio Lower Upper

53 100

52 80.9 65.0 97.4

51 36.8 28.7 43.1



#16

Acetone

Concen: 209.388 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012662.D

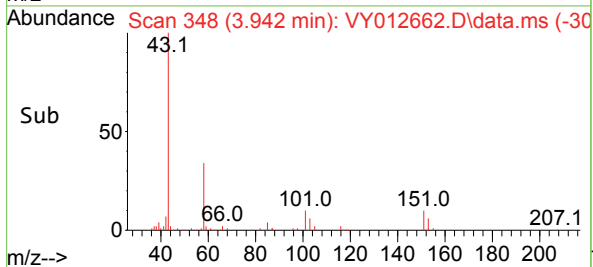
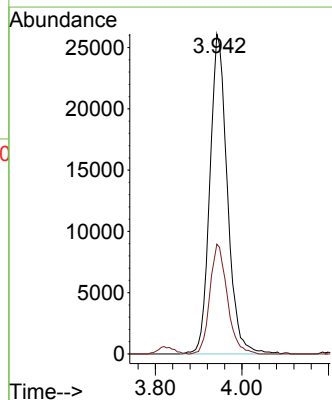
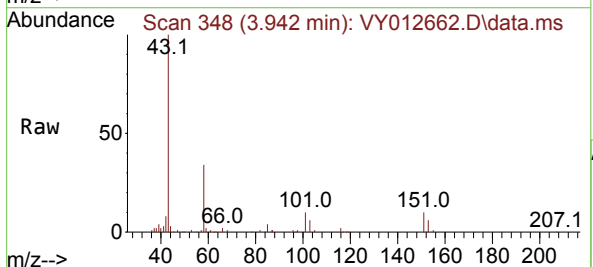
Acq: 17 Feb 2023 19:36

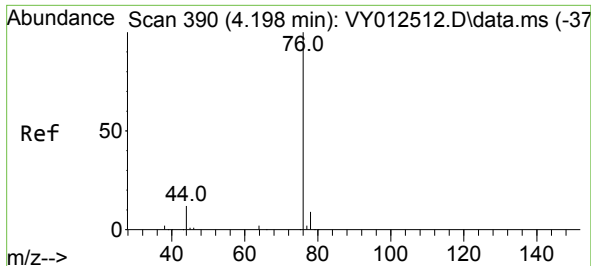
Tgt Ion: 43 Resp: 73197

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7

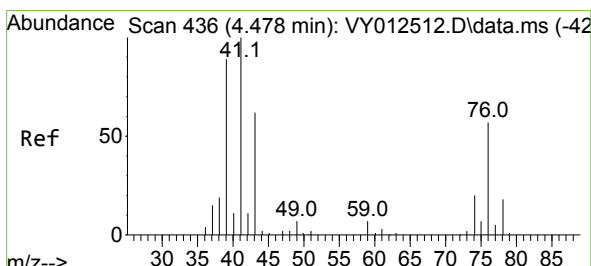
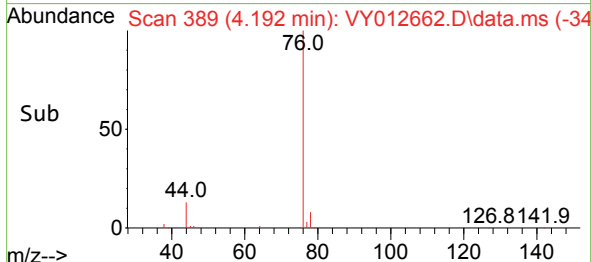
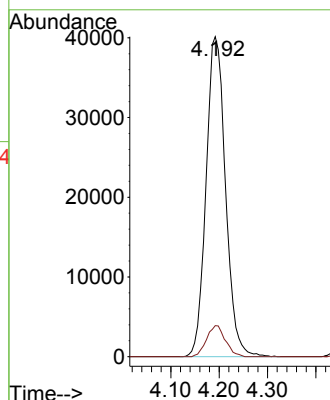
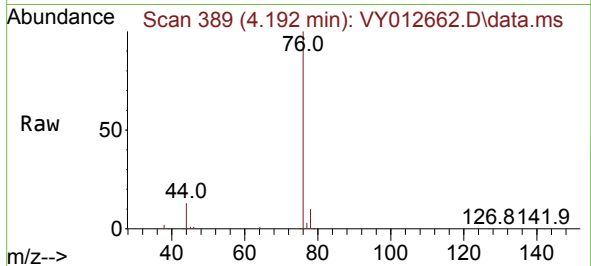




#17
Carbon Disulfide
Concen: 38.101 ug/l
RT: 4.192 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

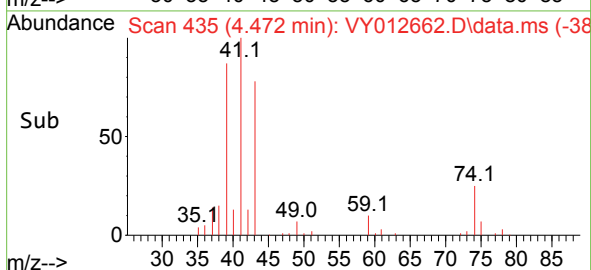
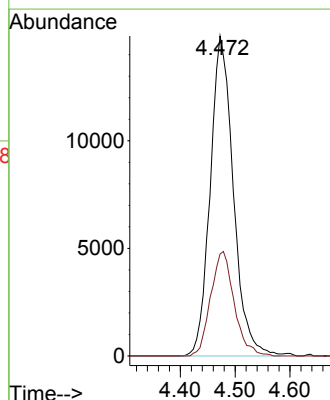
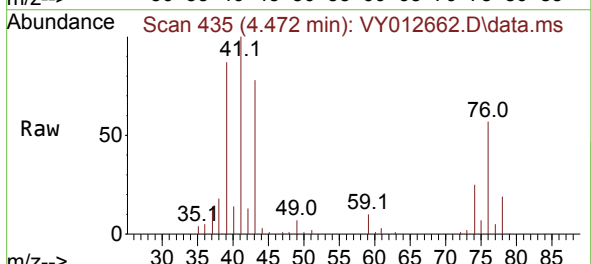
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

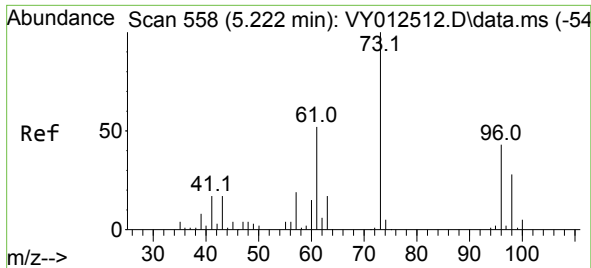
Tgt Ion: 76 Resp: 112372
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#18
Methyl Acetate
Concen: 51.770 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
74 33.2 25.6 38.4

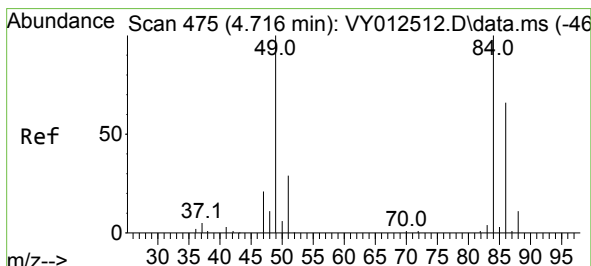
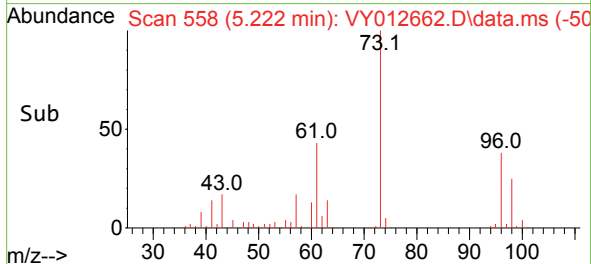
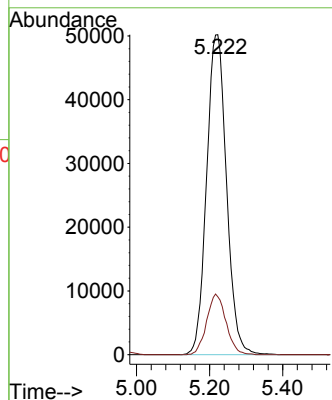
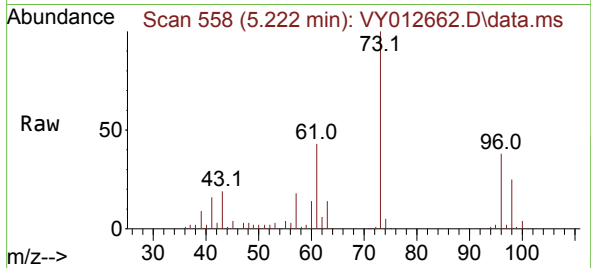




#19
Methyl tert-butyl Ether
Concen: 56.900 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

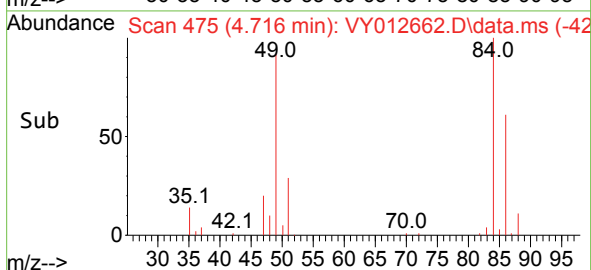
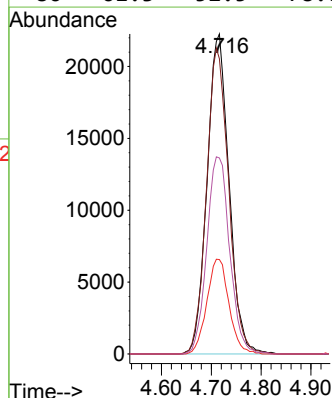
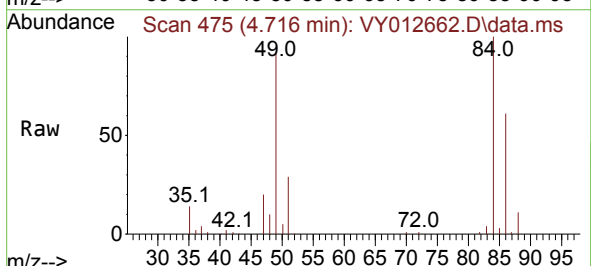
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

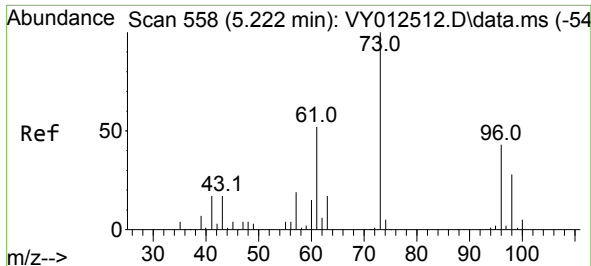
Tgt Ion: 73 Resp: 189321
Ion Ratio Lower Upper
73 100
57 18.1 15.3 22.9



#20
Methylene Chloride
Concen: 52.345 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 84 Resp: 68101
Ion Ratio Lower Upper
84 100
49 92.2 79.8 119.6
51 29.5 23.4 35.2
86 61.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.119 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

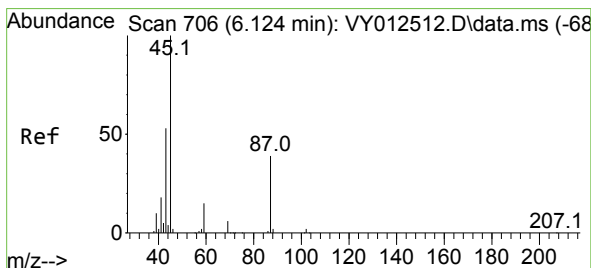
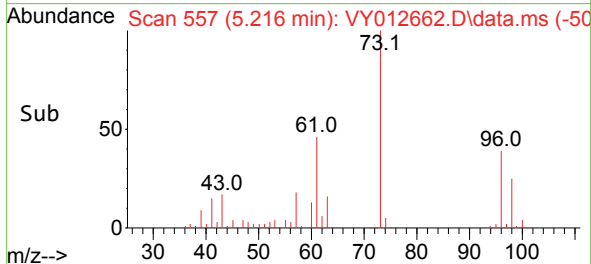
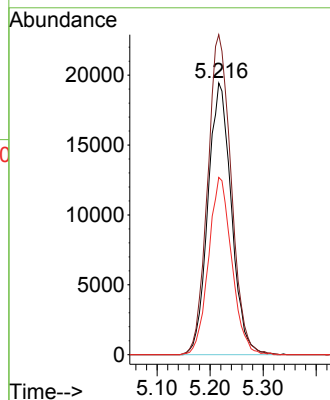
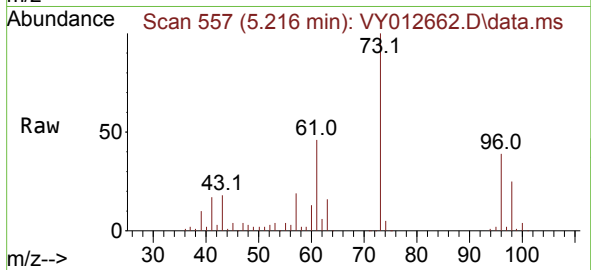
Tgt Ion: 96 Resp: 59671

Ion Ratio Lower Upper

96 100

61 117.8 96.2 144.4

98 65.3 51.6 77.4



#22

Diisopropyl ether

Concen: 52.735 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.012 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Tgt Ion: 45 Resp: 148660

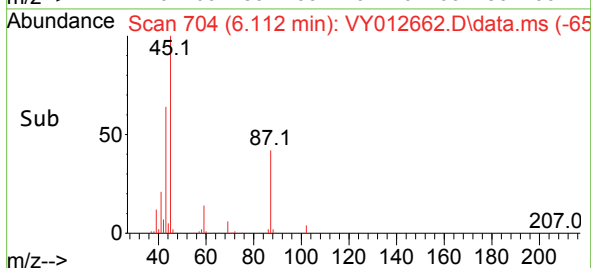
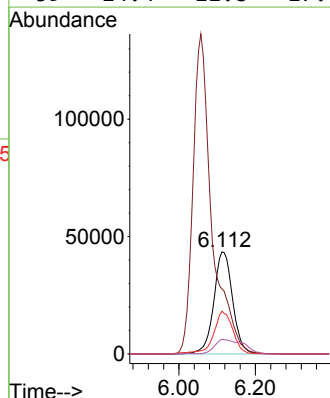
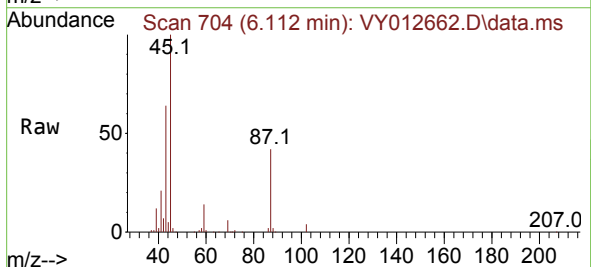
Ion Ratio Lower Upper

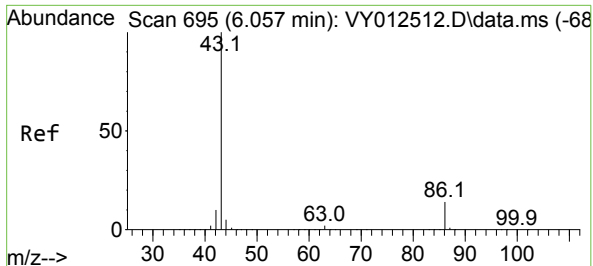
45 100

43 63.3 45.9 68.9

87 41.8 32.2 48.4

59 14.4 11.8 17.8

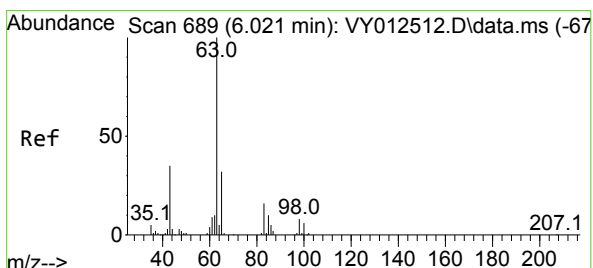
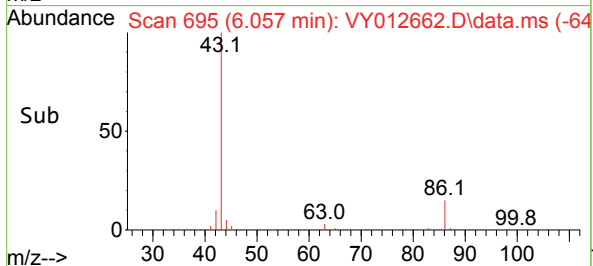
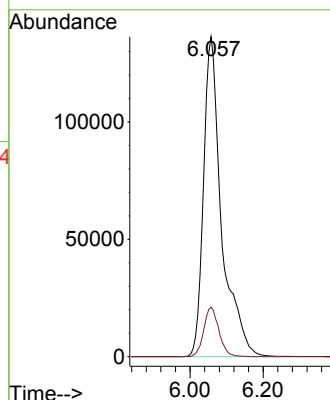
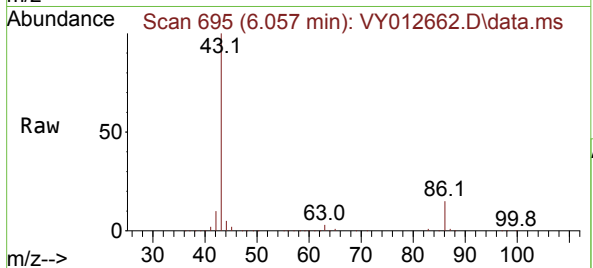




#23
 Vinyl Acetate
 Concen: 275.016 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012662.D
 Acq: 17 Feb 2023 19:36

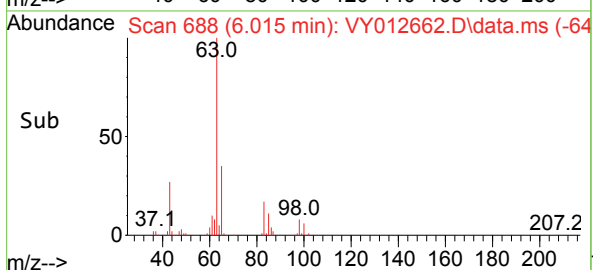
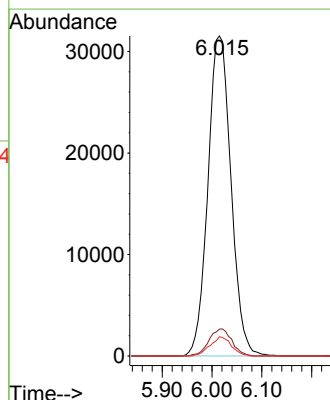
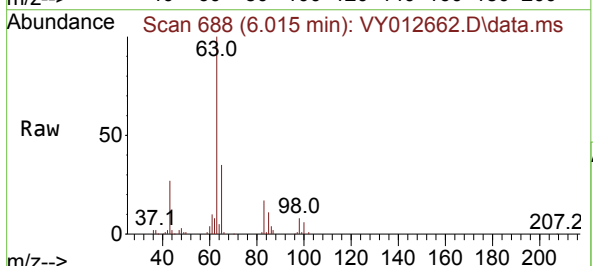
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

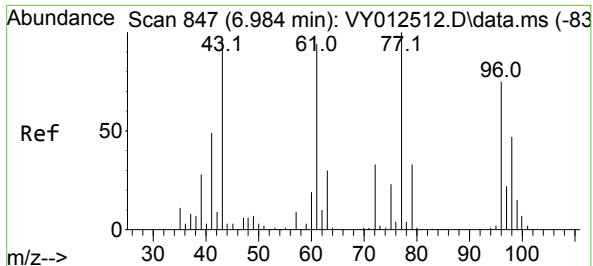
Tgt Ion: 43 Resp: 467370
 Ion Ratio Lower Upper
 43 100
 86 15.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 50.321 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012662.D
 Acq: 17 Feb 2023 19:36

Tgt Ion: 63 Resp: 101409
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.1 12.3
 100 6.0 2.9 8.8

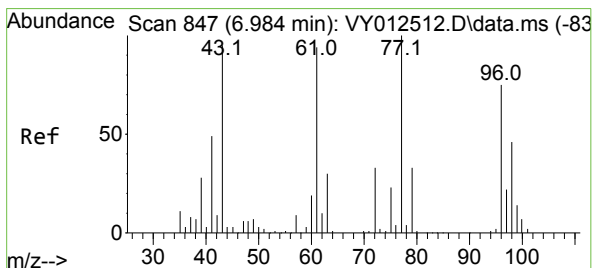
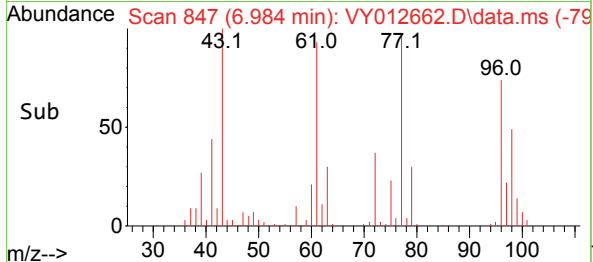
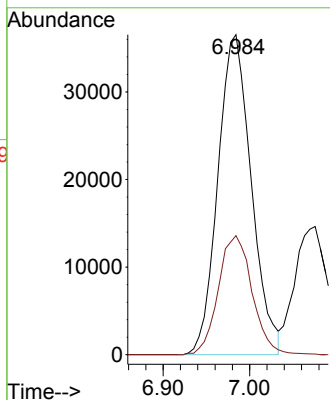
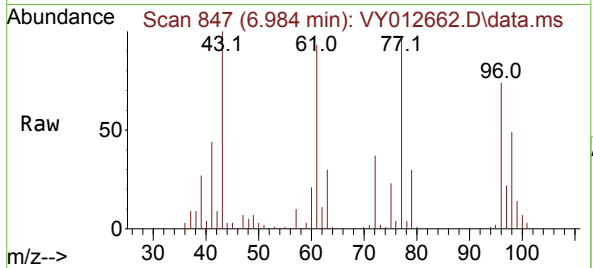




#25
2-Butanone
Concen: 252.619 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

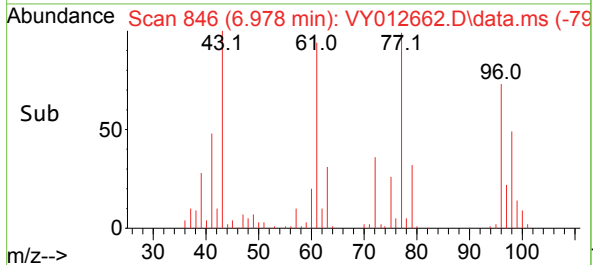
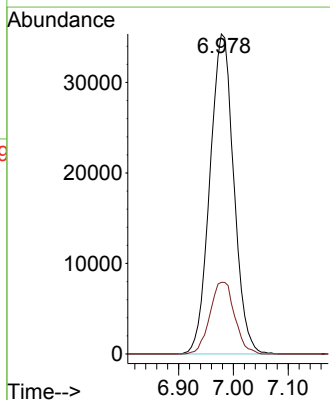
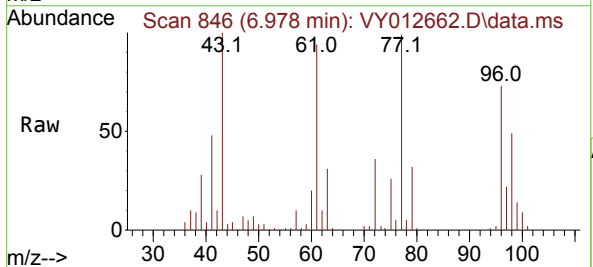
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

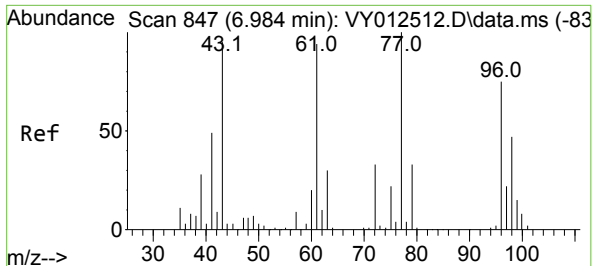
Tgt Ion: 43 Resp: 97980
Ion Ratio Lower Upper
43 100
72 37.2 27.4 41.2



#26
2,2-Dichloropropane
Concen: 48.288 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 77 Resp: 106918
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.968 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

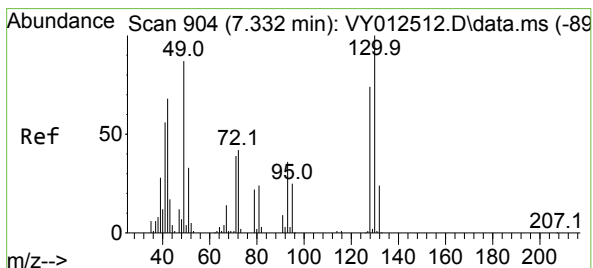
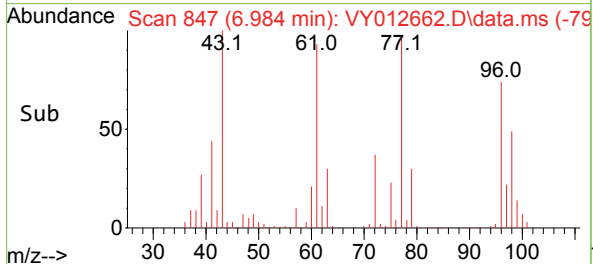
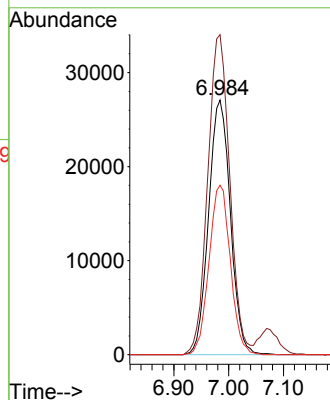
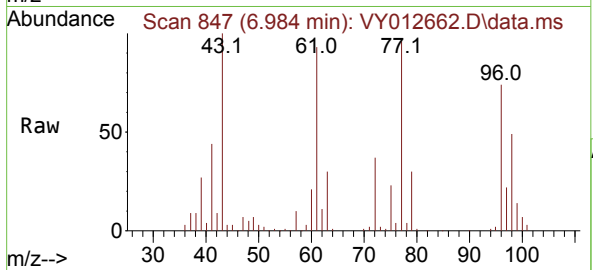
Tgt Ion: 96 Resp: 74786

Ion Ratio Lower Upper

96 100

61 127.1 0.0 259.2

98 65.2 0.0 129.0



#28

Bromochloromethane

Concen: 57.317 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

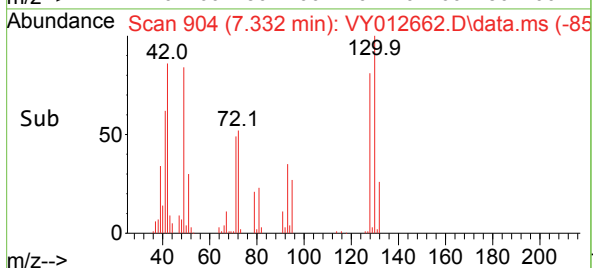
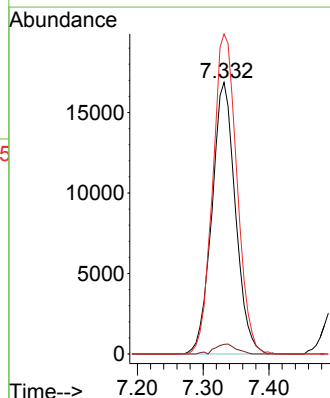
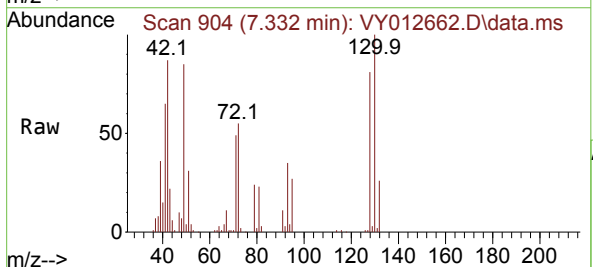
Tgt Ion: 49 Resp: 41987

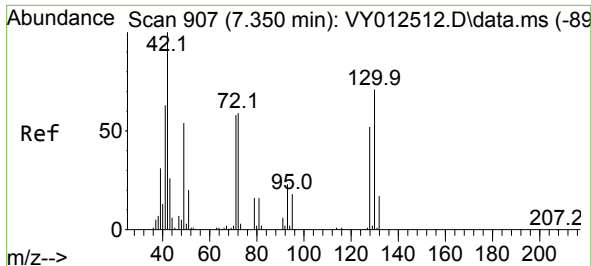
Ion Ratio Lower Upper

49 100

129 3.3 0.0 6.0

130 121.3 93.1 139.7





#29

Tetrahydrofuran

Concen: 287.392 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

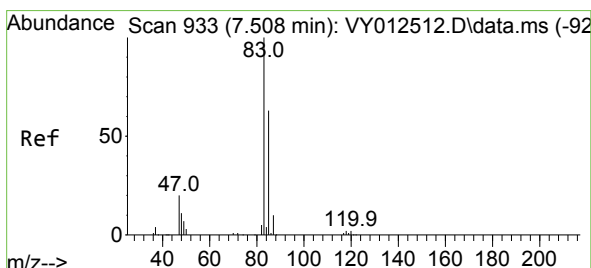
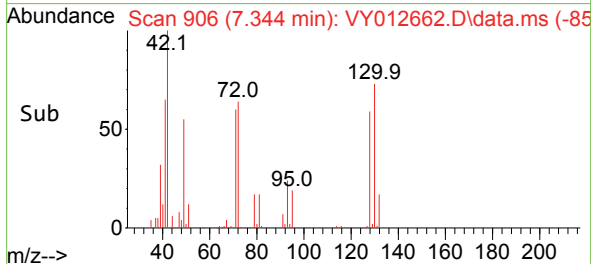
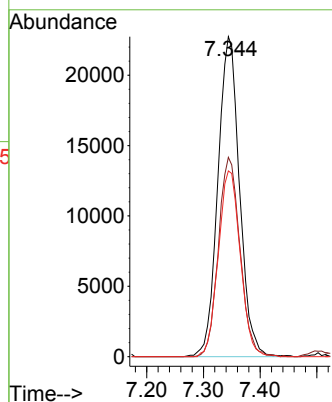
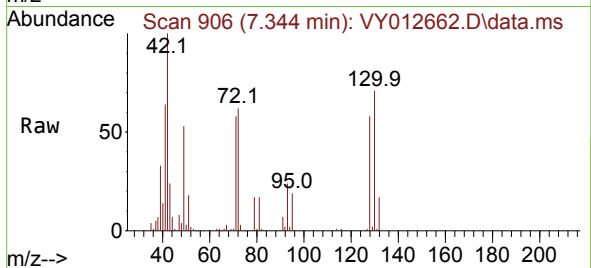
Tgt Ion: 42 Resp: 60261

Ion Ratio Lower Upper

42 100

72 62.1 47.0 70.6

71 59.0 44.6 66.8



#30

Chloroform

Concen: 53.462 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012662.D

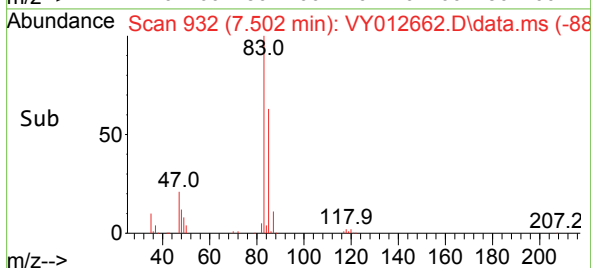
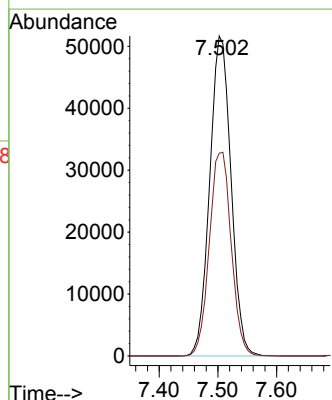
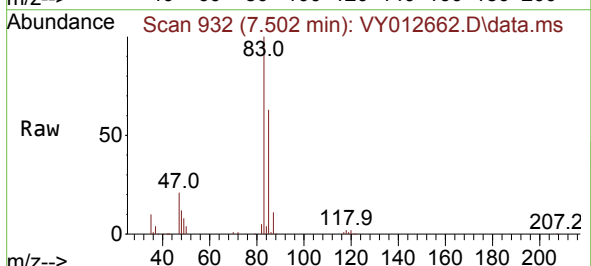
Acq: 17 Feb 2023 19:36

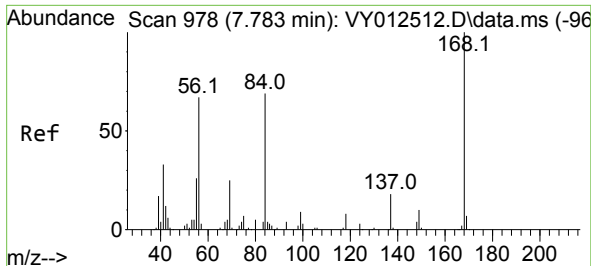
Tgt Ion: 83 Resp: 129895

Ion Ratio Lower Upper

83 100

85 63.3 50.8 76.2

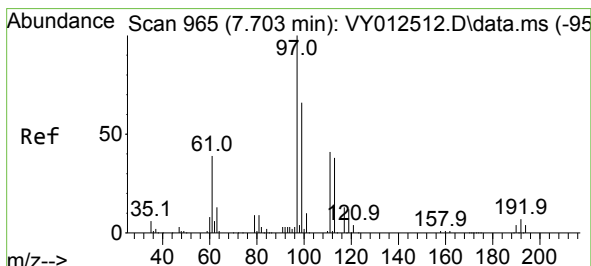
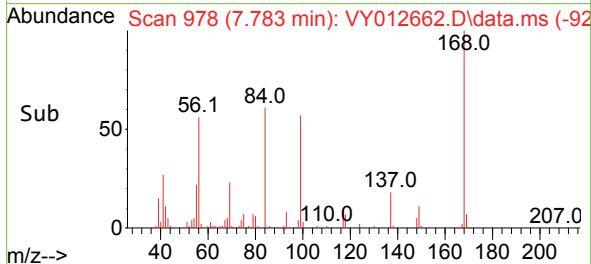
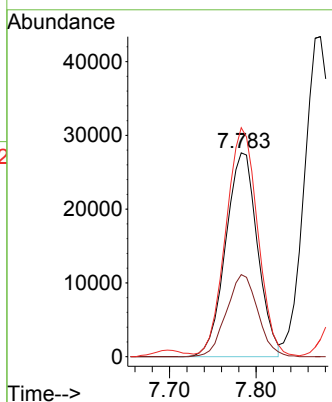
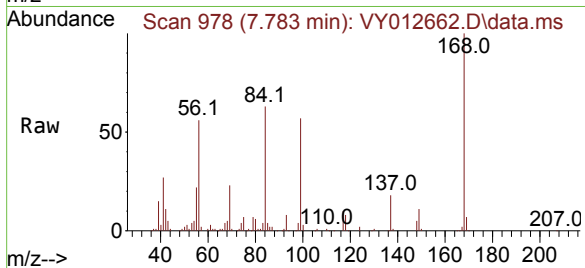




#31
Cyclohexane
Concen: 42.014 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

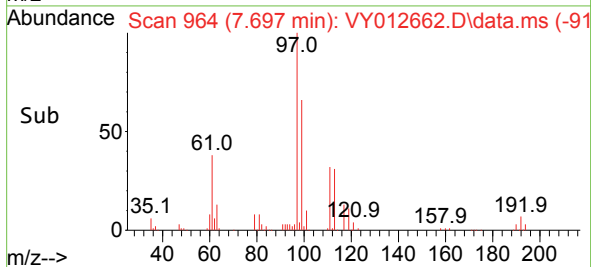
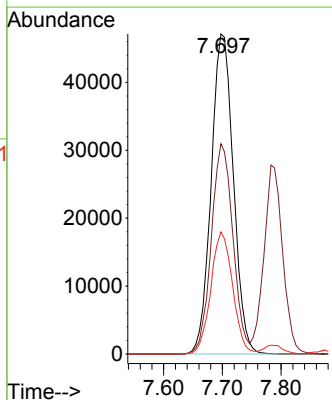
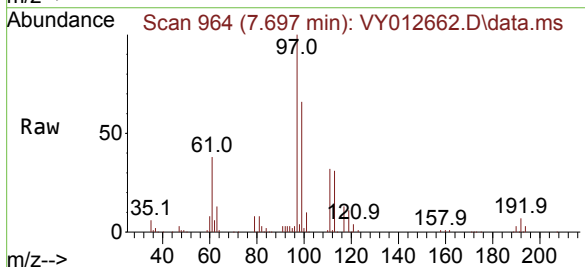
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

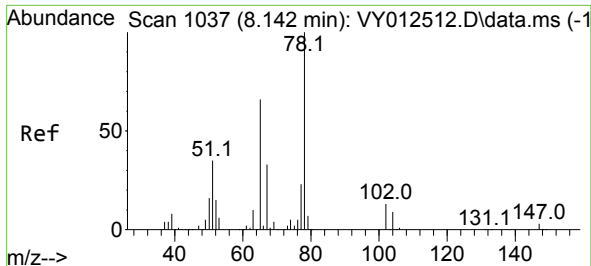
Tgt Ion: 56 Resp: 70552
Ion Ratio Lower Upper
56 100
69 40.3 29.5 44.3
84 109.8 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 52.378 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 97 Resp: 123494
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 37.5 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 54.908 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

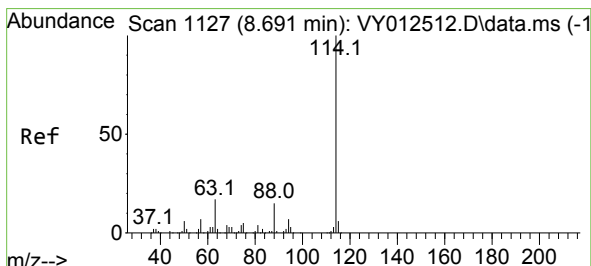
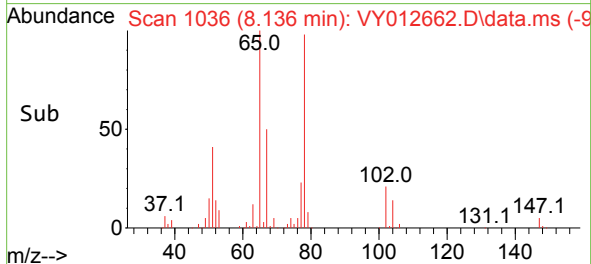
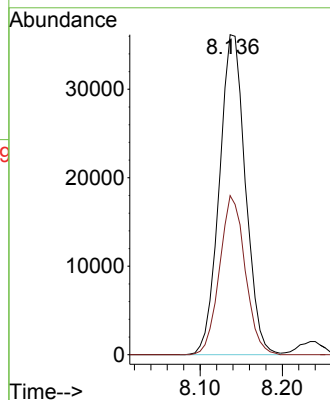
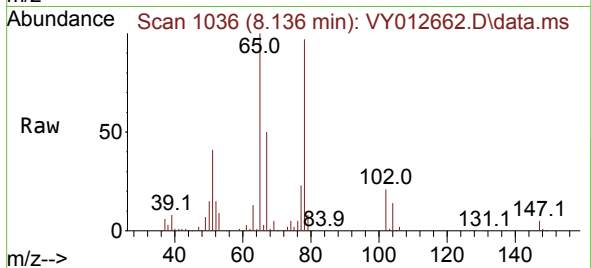
VSTDCCC050EC

Tgt Ion: 65 Resp: 79750

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

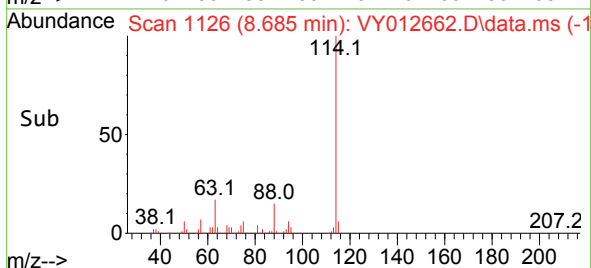
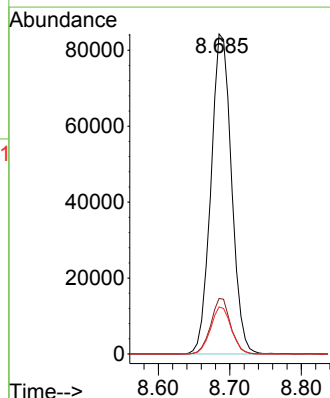
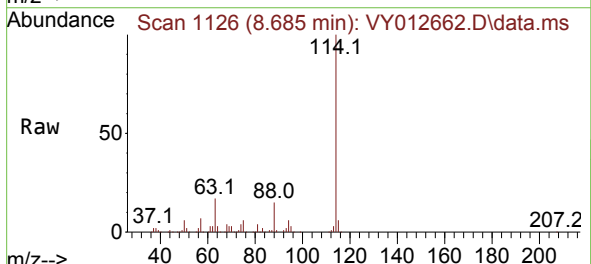
Tgt Ion: 114 Resp: 168511

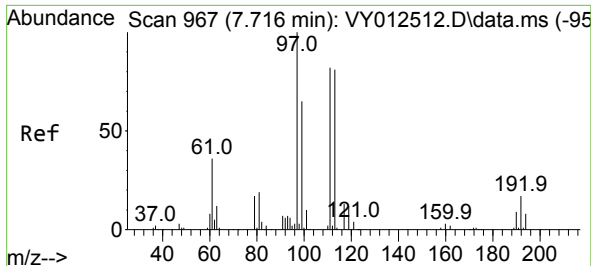
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 14.7 0.0 29.8

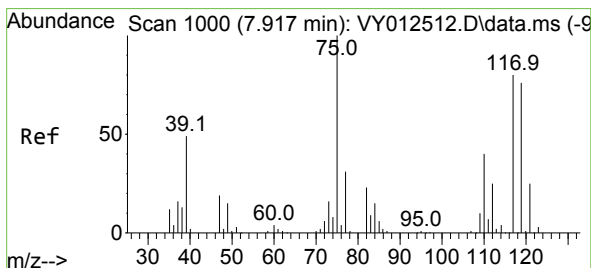
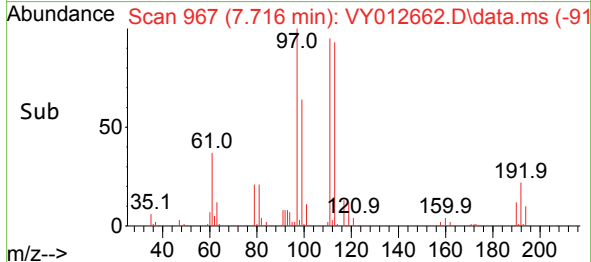
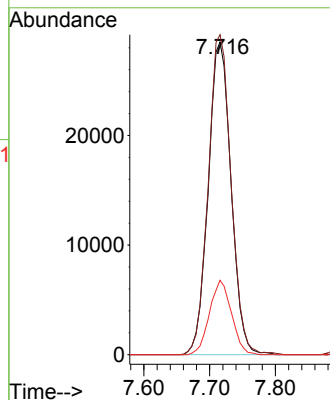
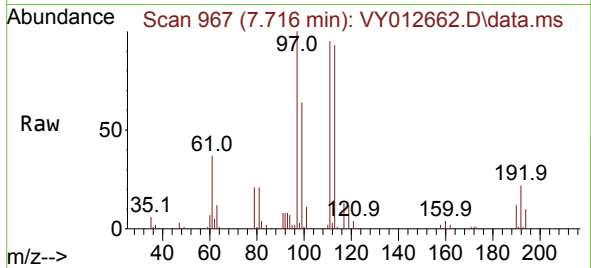




#35
Dibromofluoromethane
Concen: 56.143 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

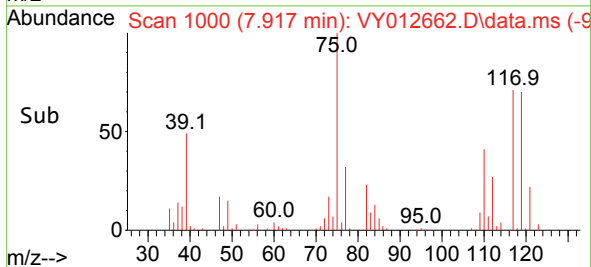
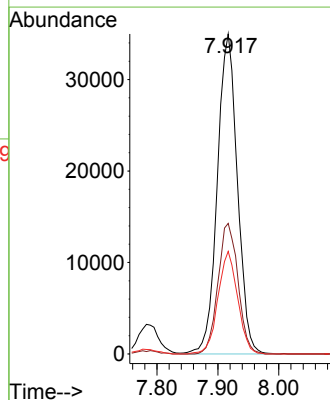
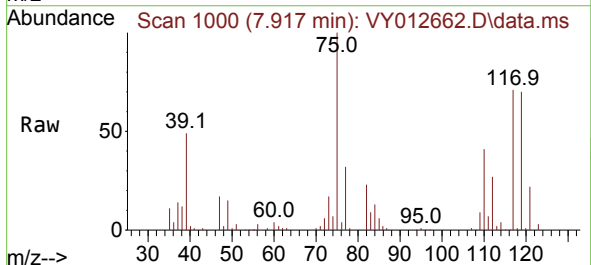
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

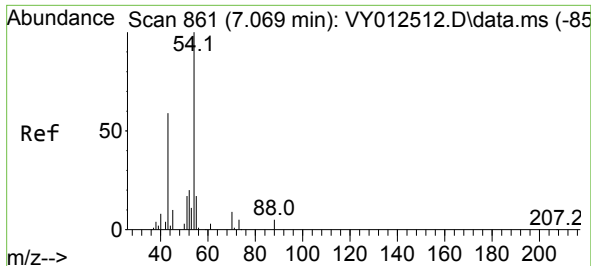
Tgt Ion:113 Resp: 68898
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 48.158 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 75 Resp: 79986
Ion Ratio Lower Upper
75 100
110 40.7 19.5 58.5
77 31.4 24.9 37.3

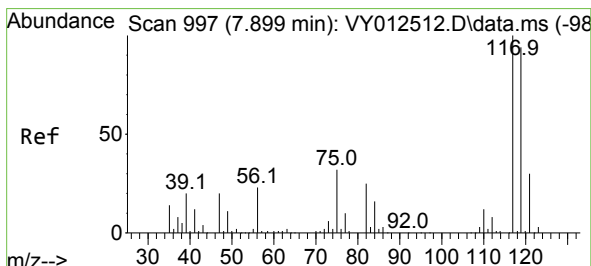
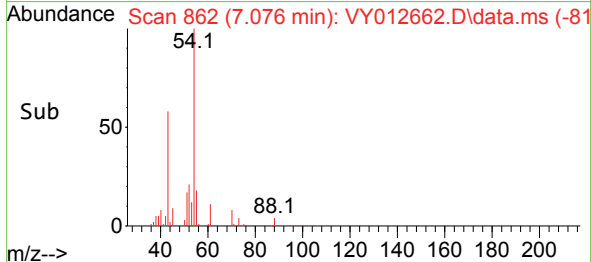
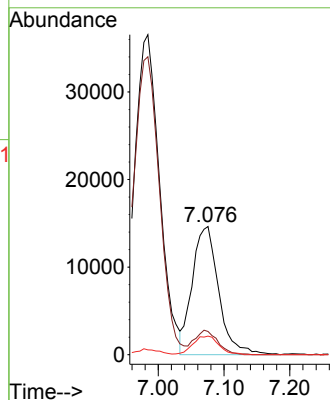
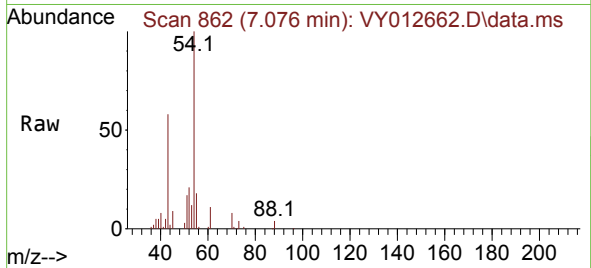




#37
Ethyl Acetate
Concen: 54.412 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

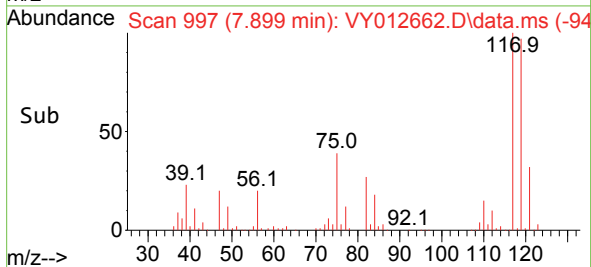
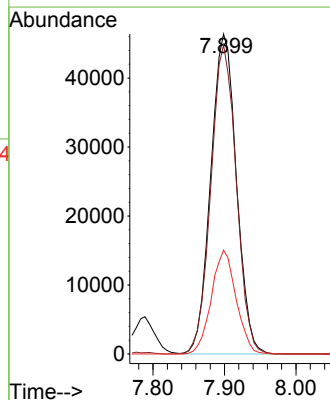
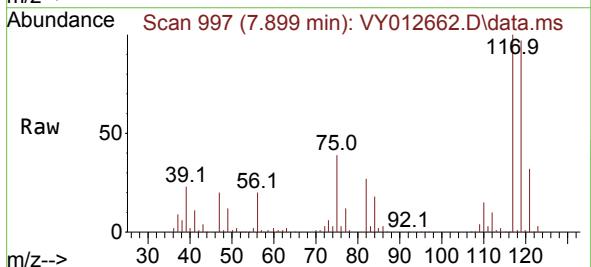
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

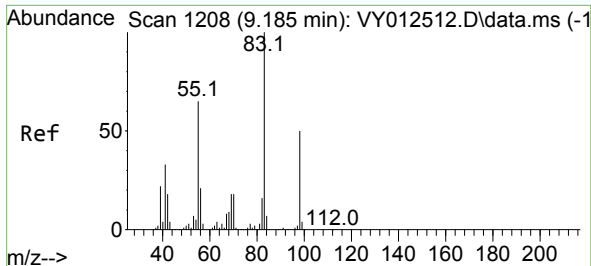
Tgt Ion: 43 Resp: 40779
Ion Ratio Lower Upper
43 100
61 16.4 12.5 18.7
70 14.2 11.0 16.4



#38
Carbon Tetrachloride
Concen: 51.942 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 117 Resp: 115805
Ion Ratio Lower Upper
117 100
119 96.4 75.1 112.7
121 32.4 24.3 36.5





#39

Methylcyclohexane

Concen: 46.991 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

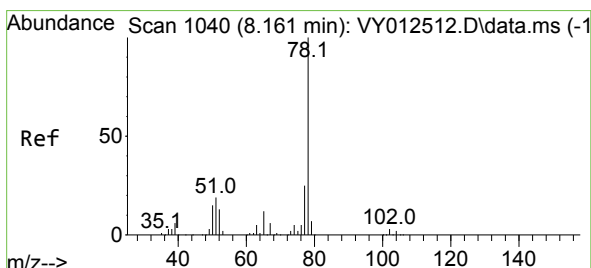
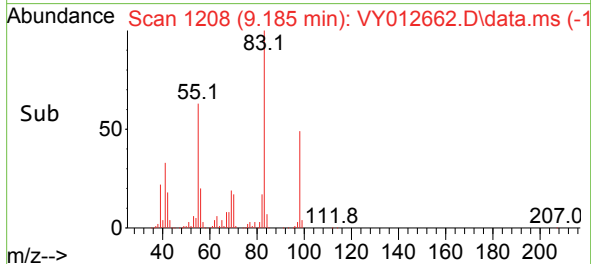
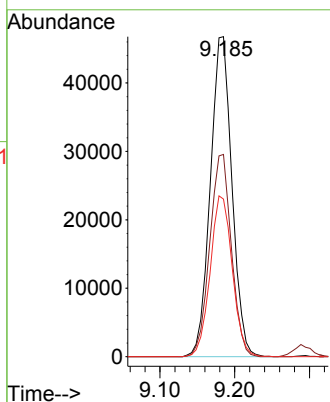
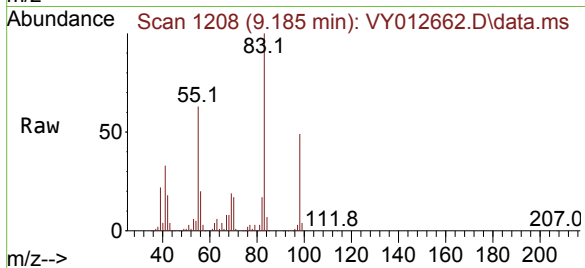
Tgt Ion: 83 Resp: 93914

Ion Ratio Lower Upper

83 100

55 63.2 52.0 78.0

98 49.3 40.4 60.6



#40

Benzene

Concen: 50.674 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012662.D

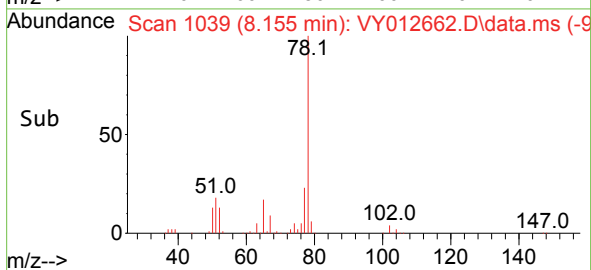
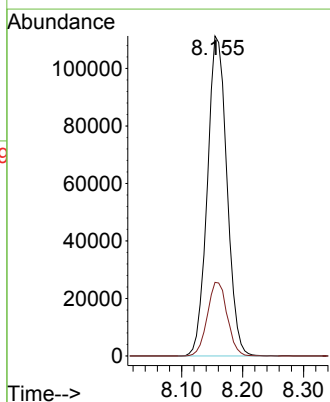
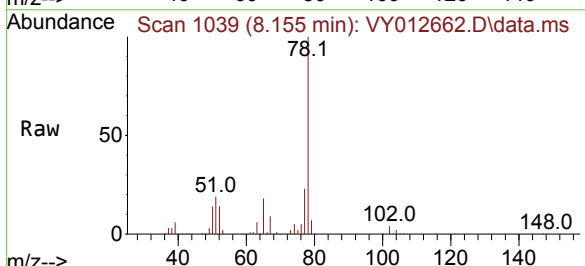
Acq: 17 Feb 2023 19:36

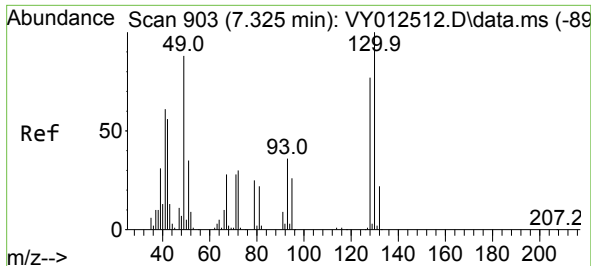
Tgt Ion: 78 Resp: 248587

Ion Ratio Lower Upper

78 100

77 23.0 19.9 29.9

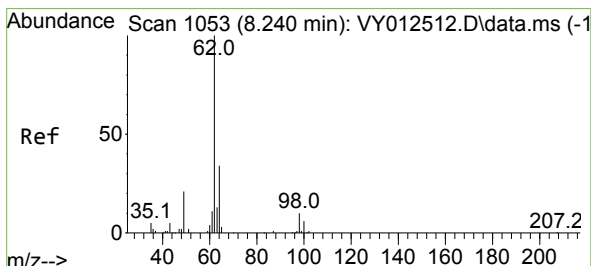
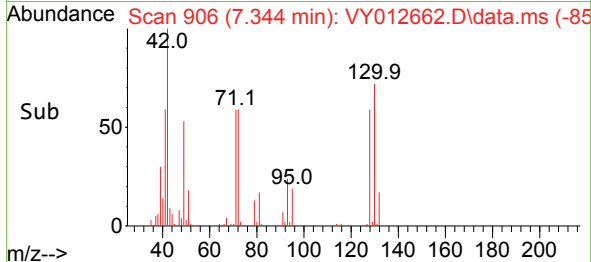
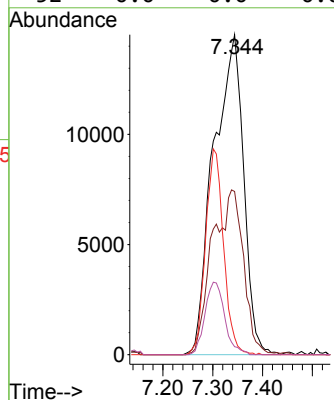
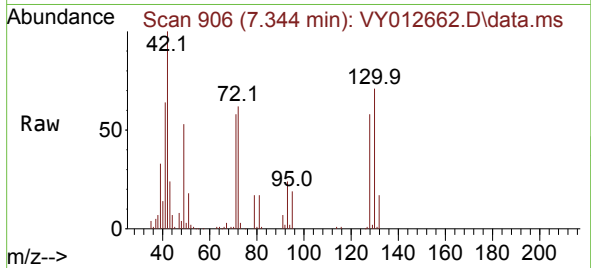




#41
Methacrylonitrile
Concen: 147.437 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

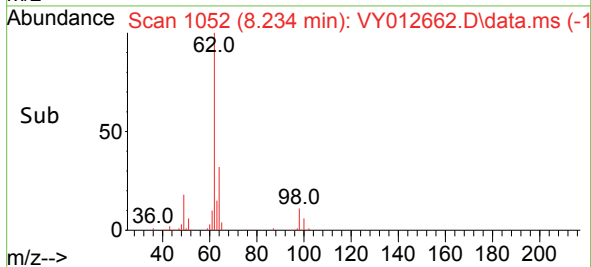
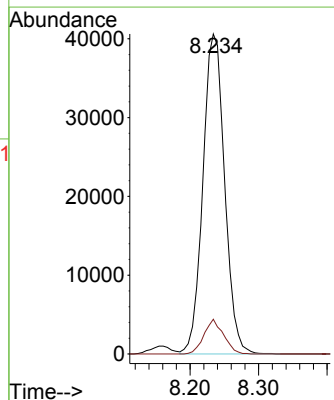
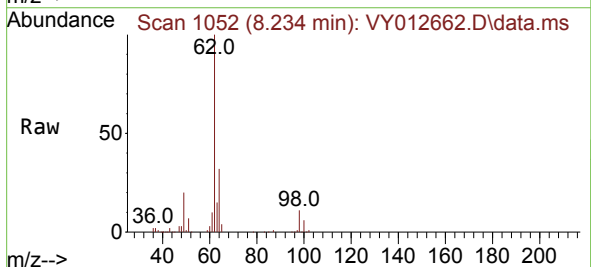
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

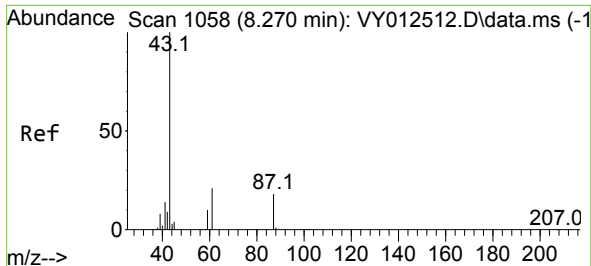
Tgt Ion: 41 Resp: 60536
Ion Ratio Lower Upper
41 100
39 27.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.306 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 62 Resp: 89527
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2

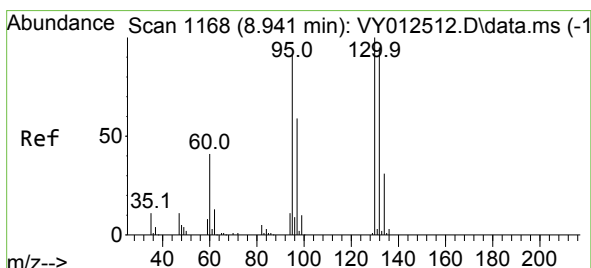
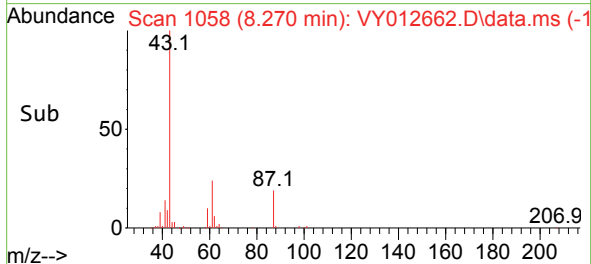
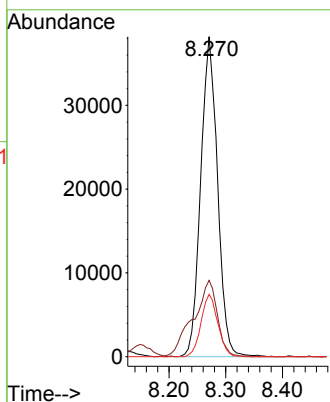
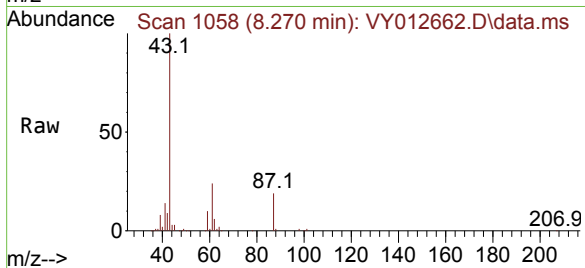




#43
Isopropyl Acetate
Concen: 56.698 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

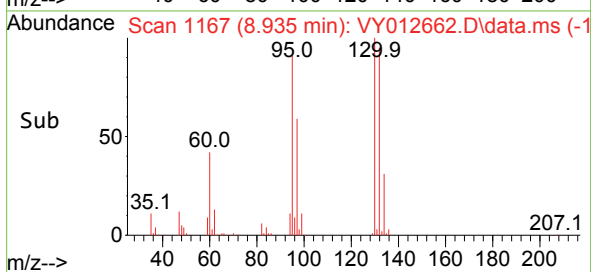
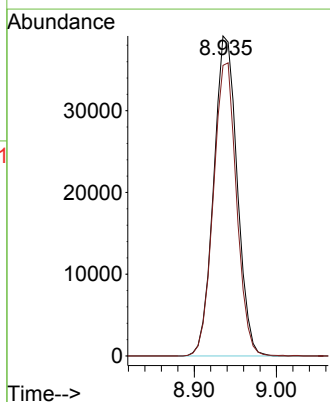
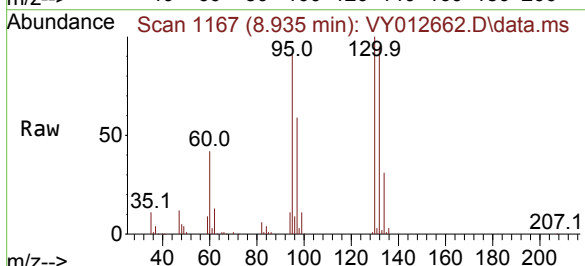
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

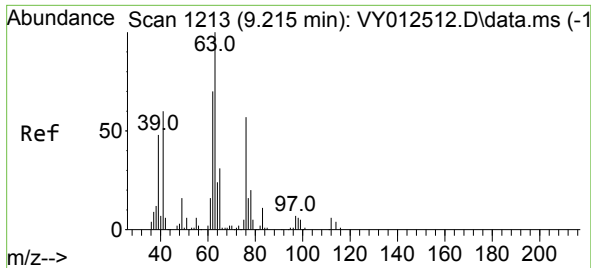
Tgt Ion: 43	Resp: 78784
Ion Ratio	Lower Upper
43 100	
61 34.1	27.2 40.8
87 19.4	15.0 22.4



#44
Trichloroethene
Concen: 52.067 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 130	Resp: 77752
Ion Ratio	Lower Upper
130 100	
95 90.8	0.0 181.2

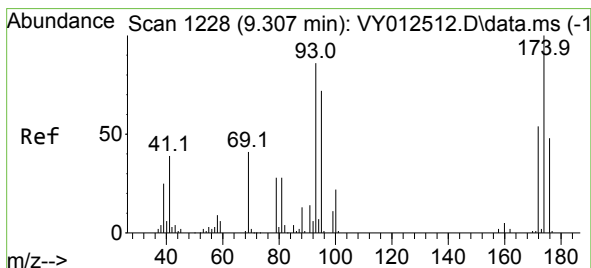
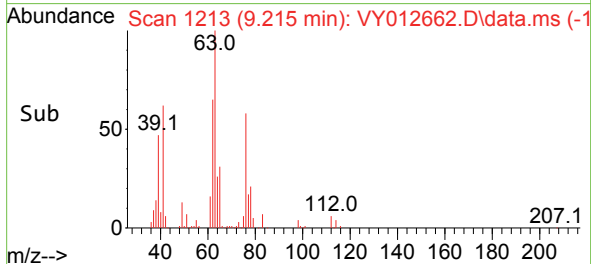
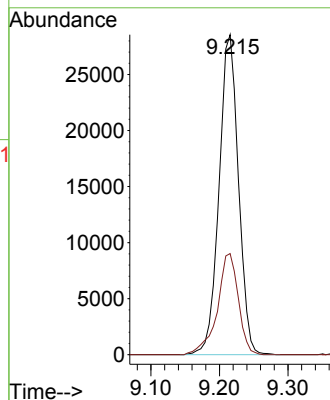
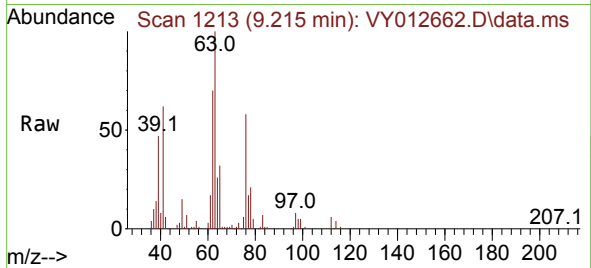




#45
1,2-Dichloropropane
Concen: 52.578 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

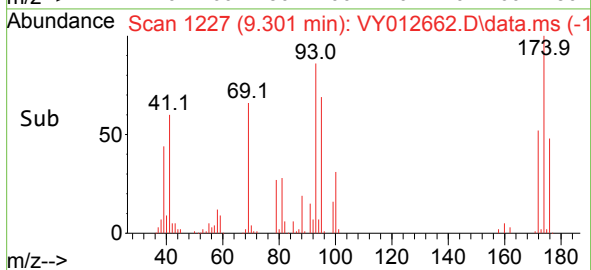
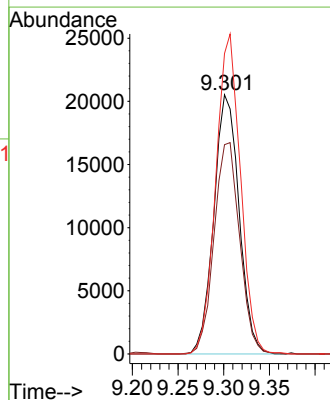
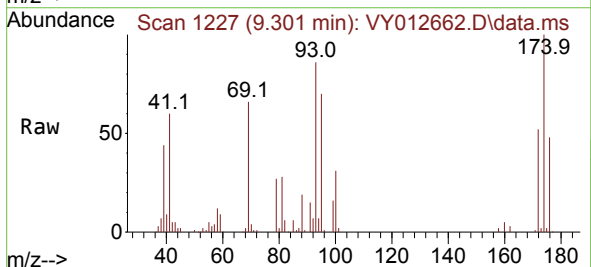
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

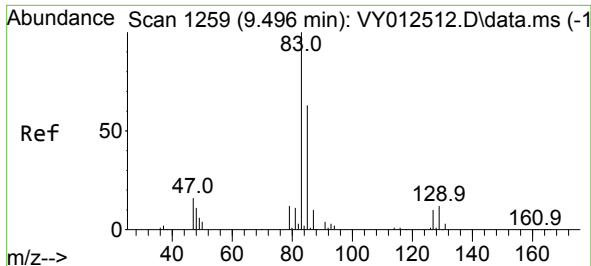
Tgt Ion: 63 Resp: 55928
Ion Ratio Lower Upper
63 100
65 31.6 24.6 37.0



#46
Dibromomethane
Concen: 56.064 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 93 Resp: 39487
Ion Ratio Lower Upper
93 100
95 82.8 65.8 98.8
174 120.5 93.4 140.2

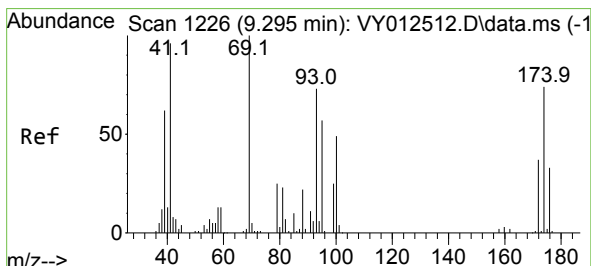
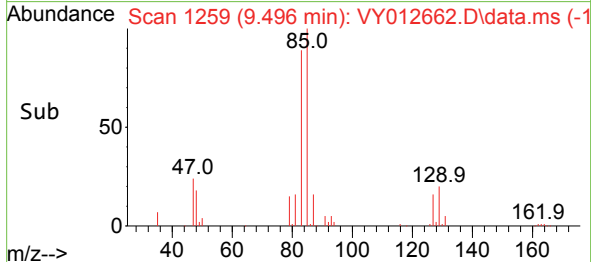
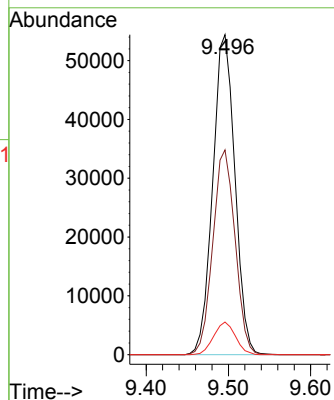
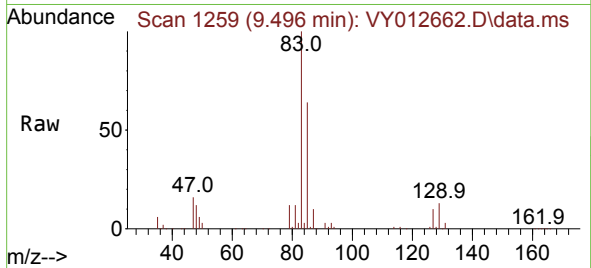




#47
Bromodichloromethane
Concen: 55.782 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

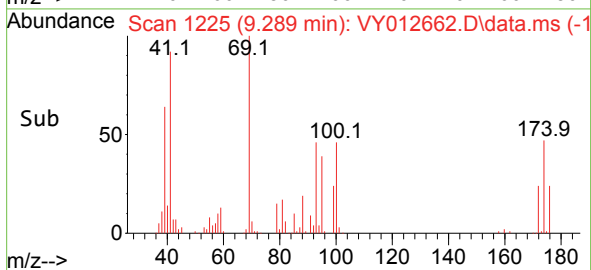
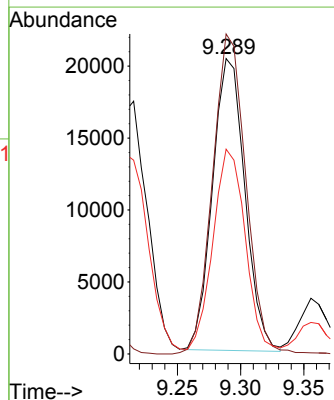
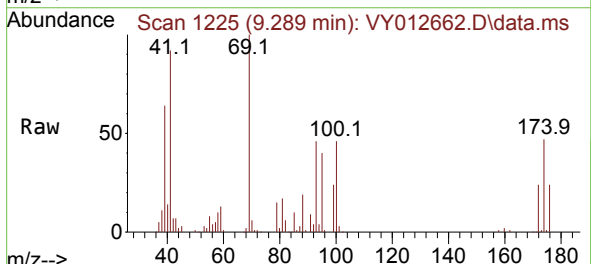
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

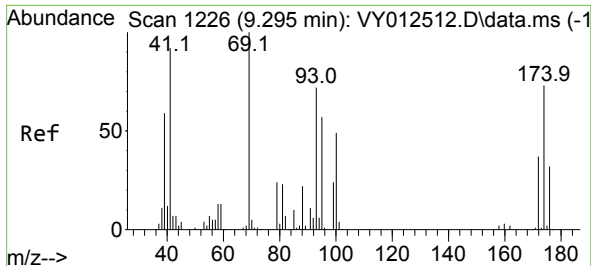
Tgt Ion: 83 Resp: 101870
Ion Ratio Lower Upper
83 100
85 64.0 50.7 76.1
127 10.2 8.1 12.1



#48
Methyl methacrylate
Concen: 56.954 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 41 Resp: 36174
Ion Ratio Lower Upper
41 100
69 112.6 85.4 128.2
39 70.9 52.7 79.1

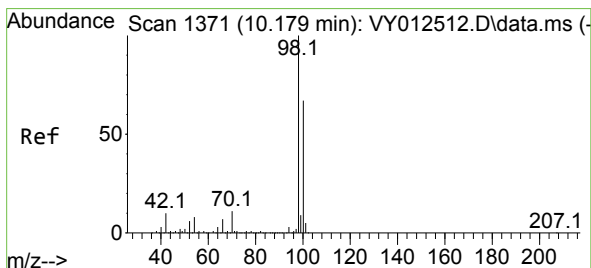
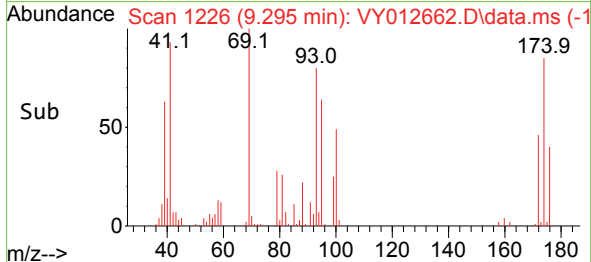
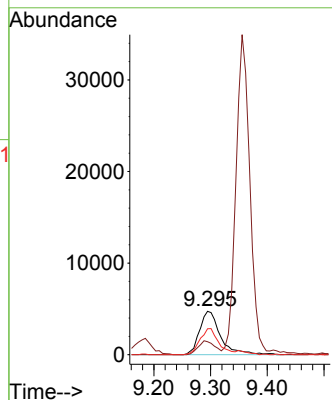
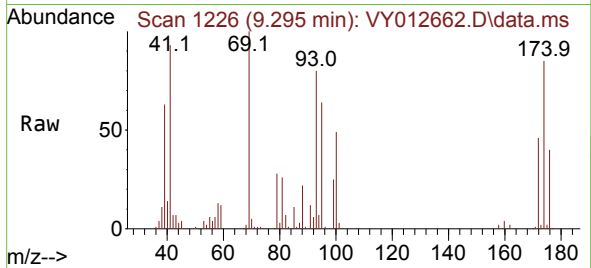




#49
1,4-Dioxane
Concen: 1250.244 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

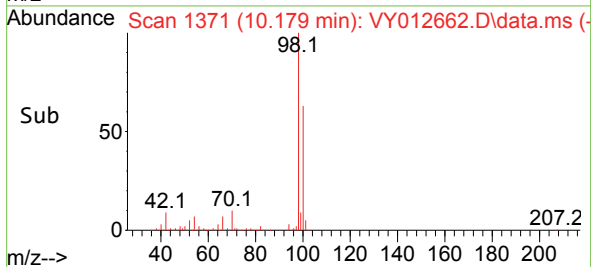
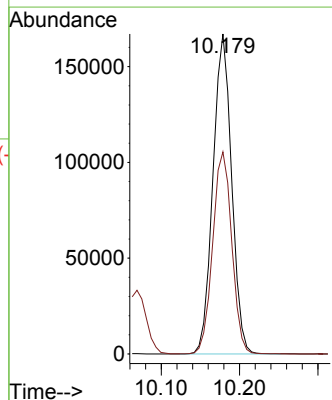
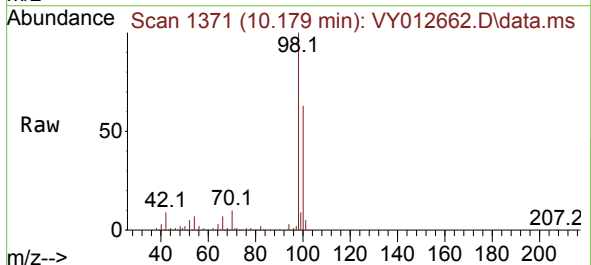
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

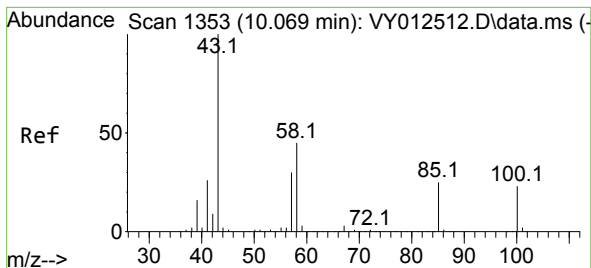
Tgt Ion: 88 Resp: 12156
Ion Ratio Lower Upper
88 100
43 25.6 22.6 33.8
58 53.6 45.4 68.0



#50
Toluene-d8
Concen: 54.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 98 Resp: 276464
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

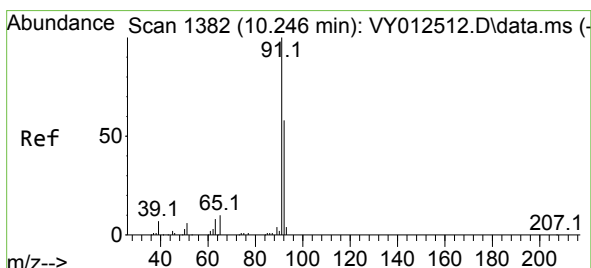
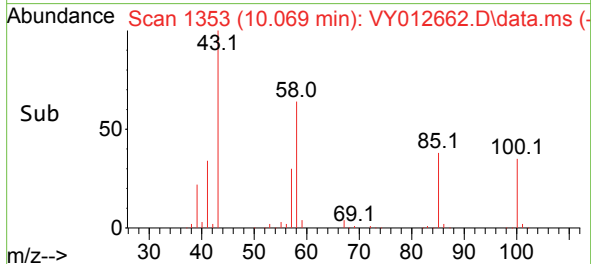
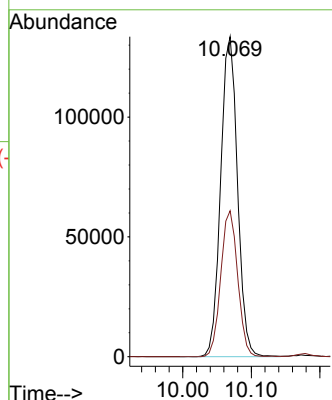
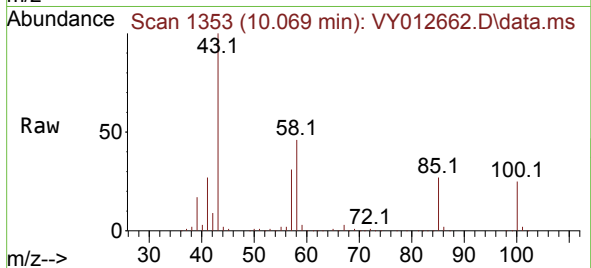




#51
4-Methyl-2-Pentanone
Concen: 302.595 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

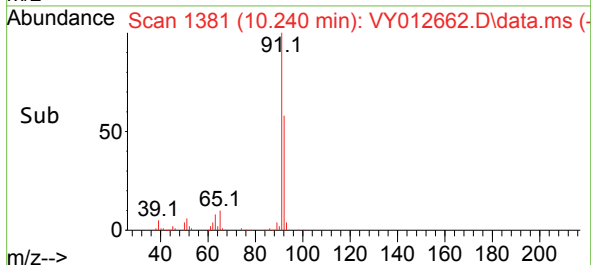
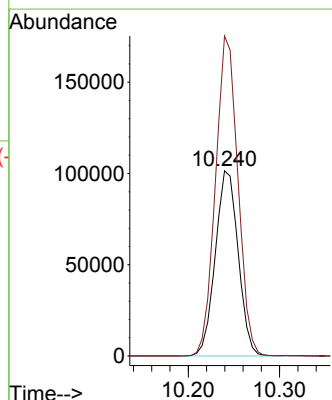
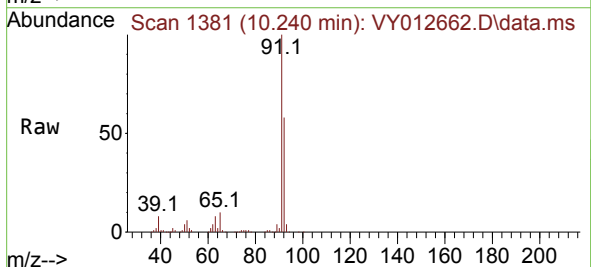
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

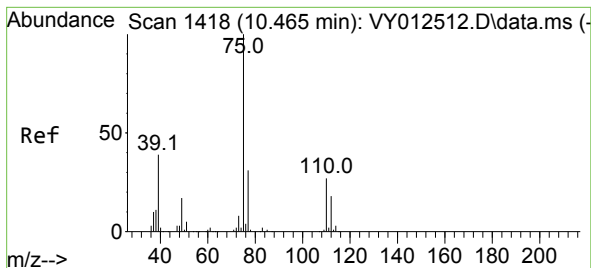
Tgt Ion: 43 Resp: 226855
Ion Ratio Lower Upper
43 100
58 45.8 36.2 54.2



#52
Toluene
Concen: 53.067 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 92 Resp: 176535
Ion Ratio Lower Upper
92 100
91 169.5 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 55.514 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

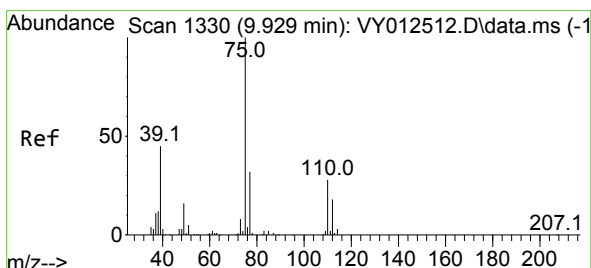
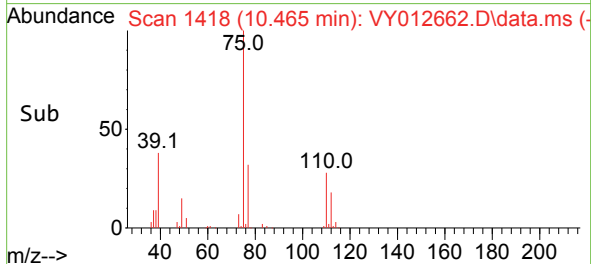
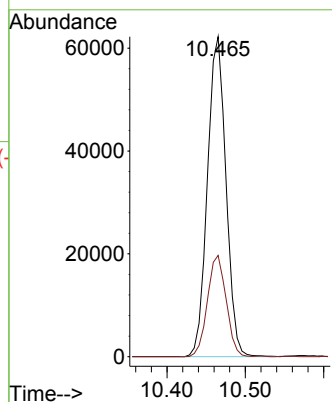
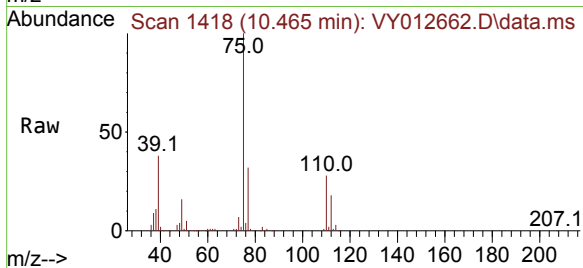
VSTDCCC050EC

Tgt Ion: 75 Resp: 102157

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.088 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

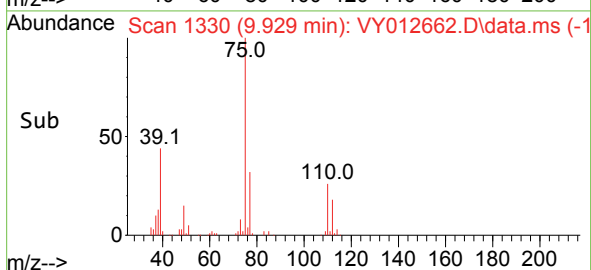
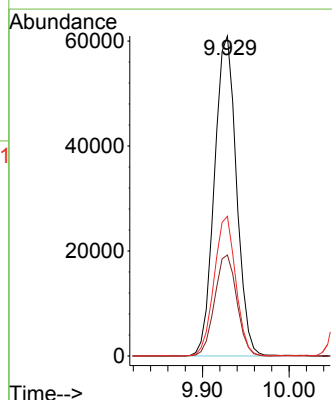
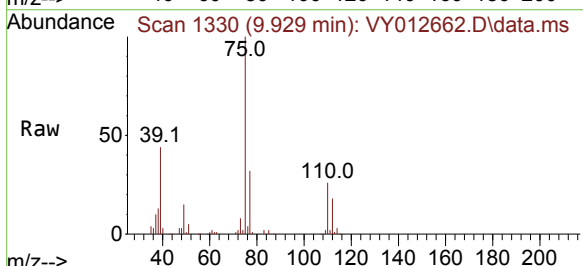
Tgt Ion: 75 Resp: 107711

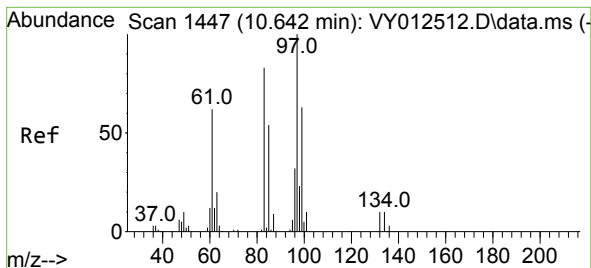
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 43.7 36.0 54.0

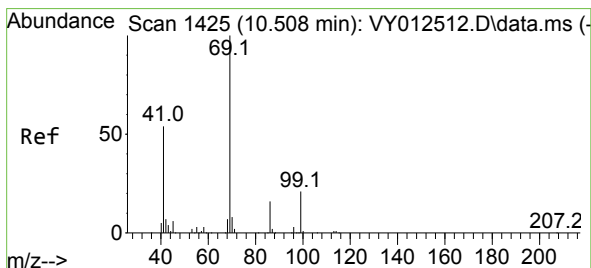
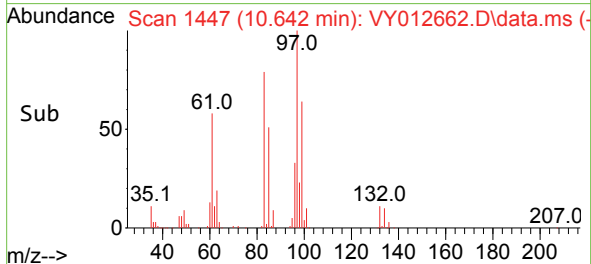
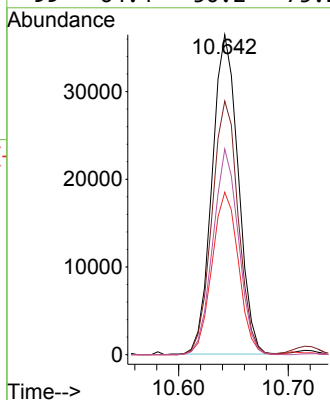
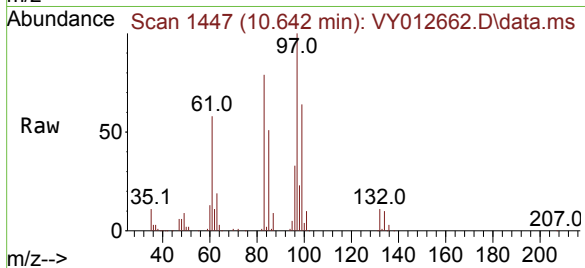




#55
1,1,2-Trichloroethane
Concen: 58.717 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

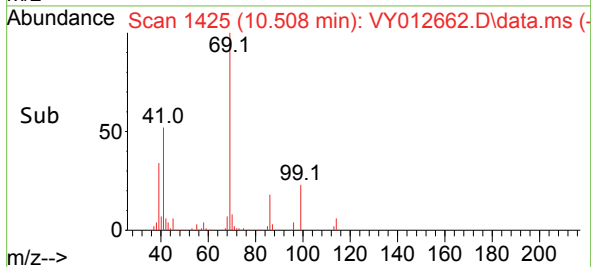
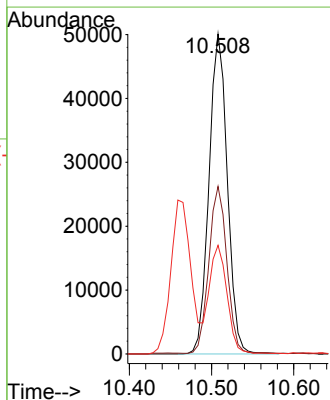
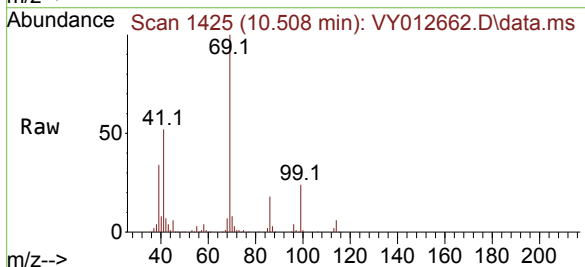
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

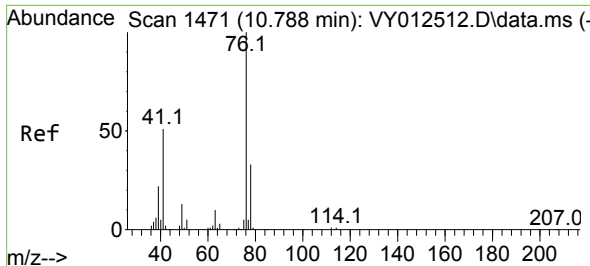
Tgt Ion:	97	Resp:	60429
Ion	Ratio	Lower	Upper
97	100		
83	79.4	66.0	99.0
85	50.8	43.1	64.7
99	64.4	50.2	75.2



#56
Ethyl methacrylate
Concen: 60.098 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion:	69	Resp:	77706
Ion	Ratio	Lower	Upper
69	100		
41	51.3	43.4	65.2
39	31.7	26.5	39.7





#57

1,3-Dichloropropane

Concen: 57.818 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

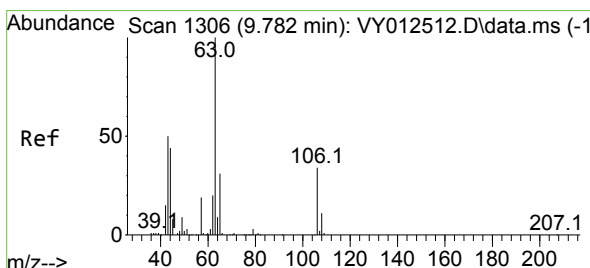
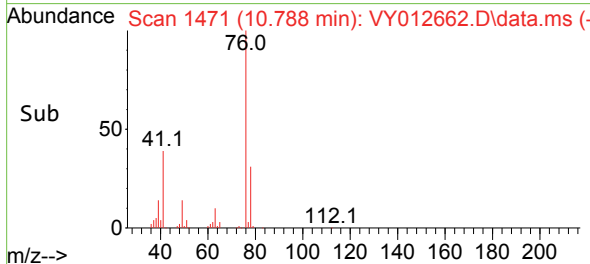
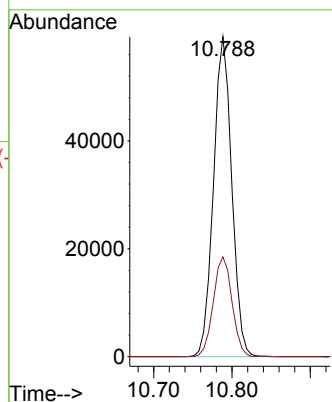
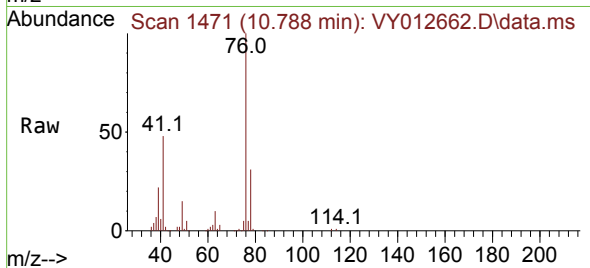
VSTDCCC050EC

Tgt Ion: 76 Resp: 96033

Ion Ratio Lower Upper

76 100

78 32.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 301.073 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012662.D

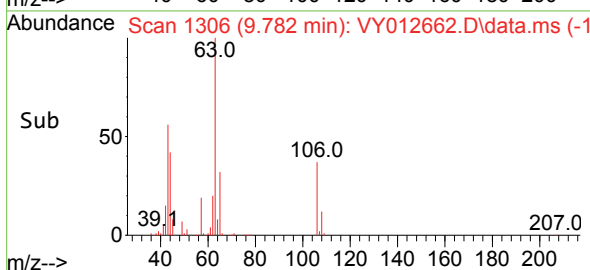
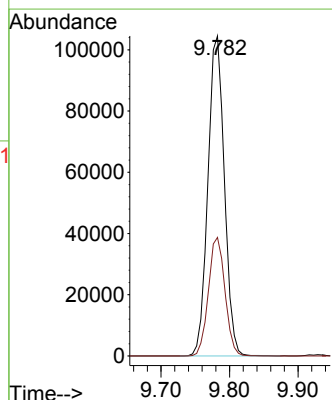
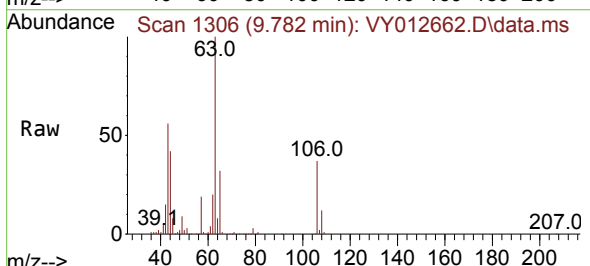
Acq: 17 Feb 2023 19:36

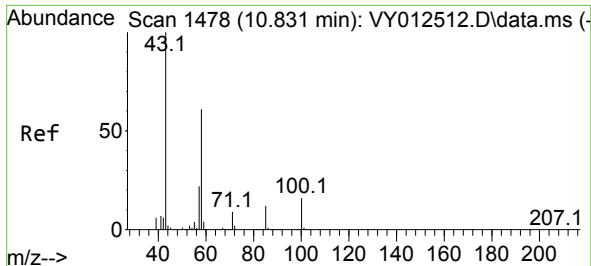
Tgt Ion: 63 Resp: 174975

Ion Ratio Lower Upper

63 100

106 37.3 28.0 42.0

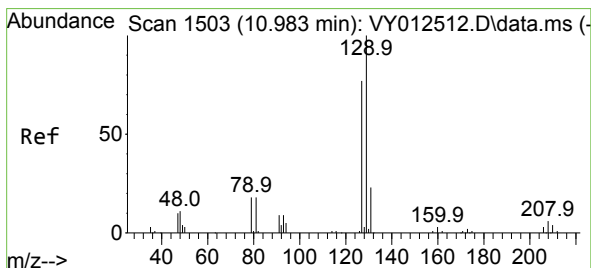
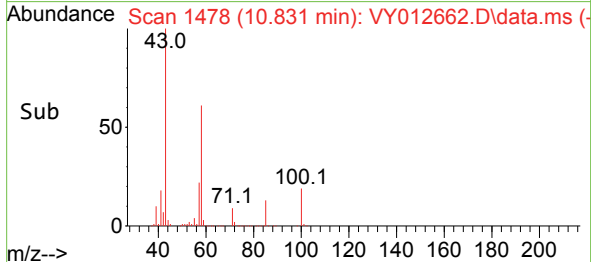
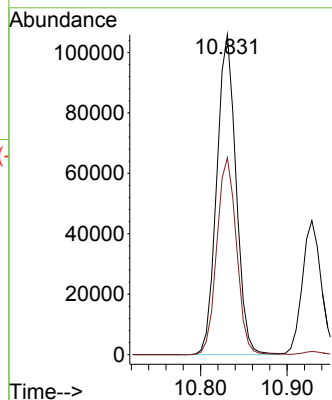
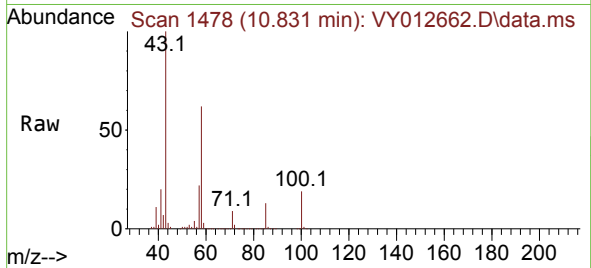




#59
2-Hexanone
Concen: 288.977 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

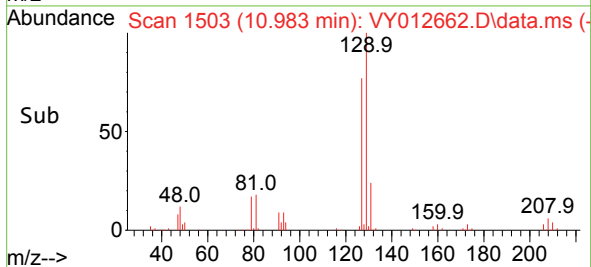
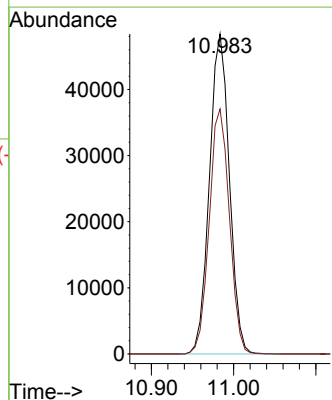
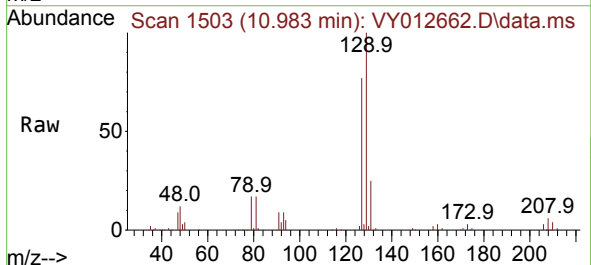
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

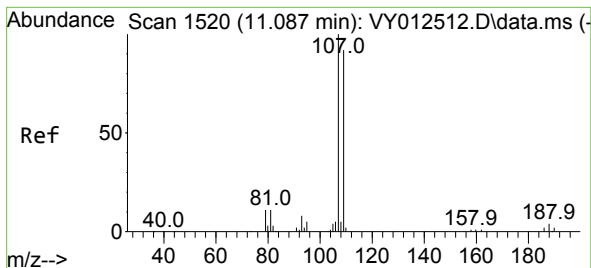
Tgt Ion: 43 Resp: 163722
Ion Ratio Lower Upper
43 100
58 62.7 30.9 92.5



#60
Dibromochloromethane
Concen: 59.389 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 129 Resp: 81473
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

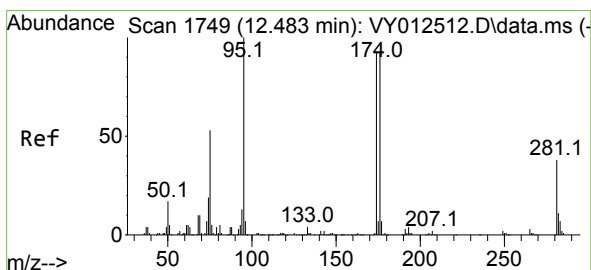
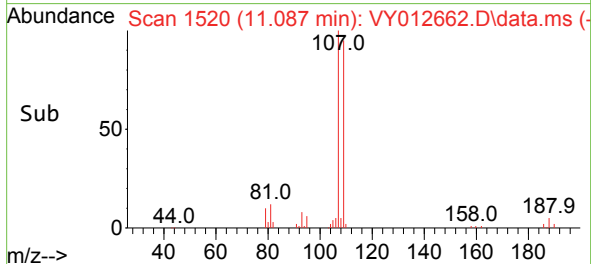
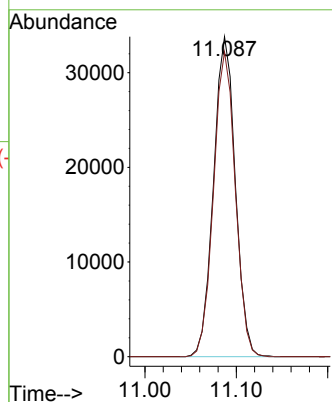
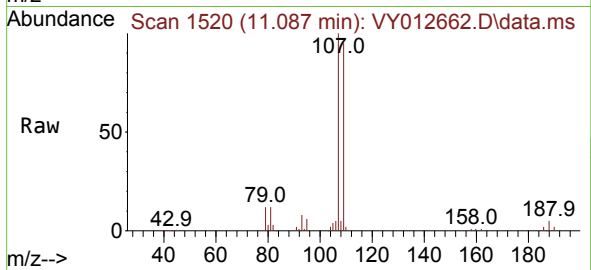




#61
1,2-Dibromoethane
Concen: 57.944 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

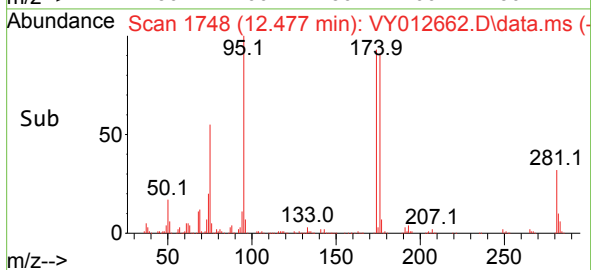
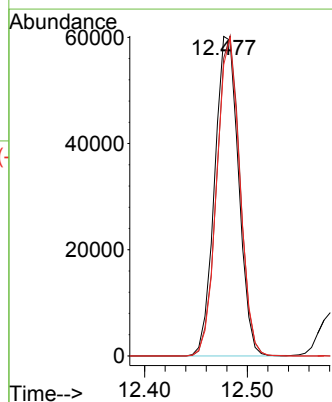
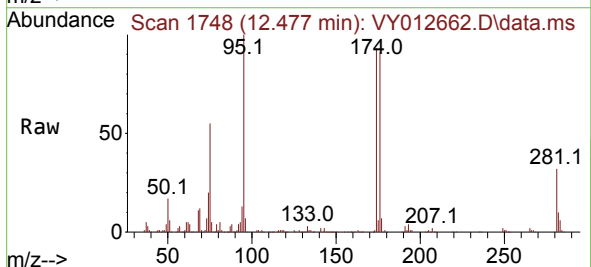
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

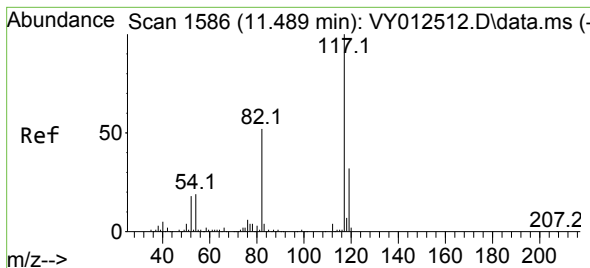
Tgt Ion:107 Resp: 55875
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 54.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 95 Resp: 97212
Ion Ratio Lower Upper
95 100
174 96.8 0.0 188.0
176 95.7 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

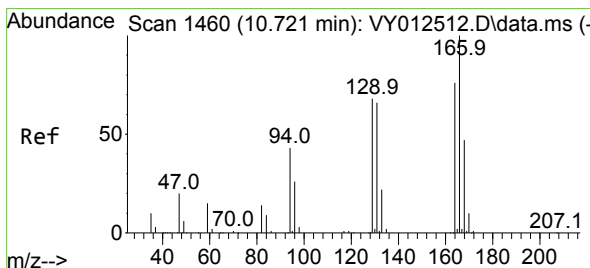
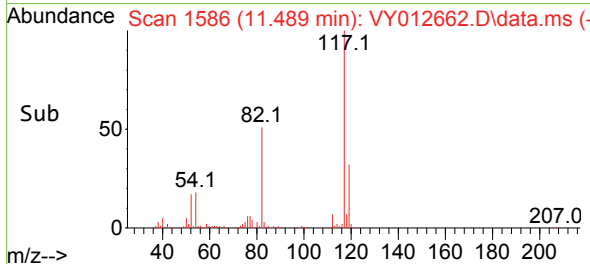
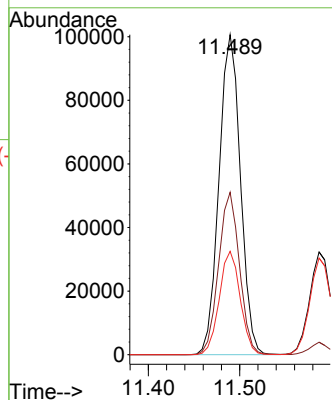
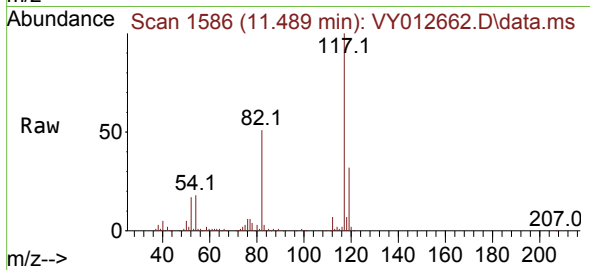
Tgt Ion:117 Resp: 164040

Ion Ratio Lower Upper

117 100

82 50.8 41.7 62.5

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 55.567 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Tgt Ion:164 Resp: 95162

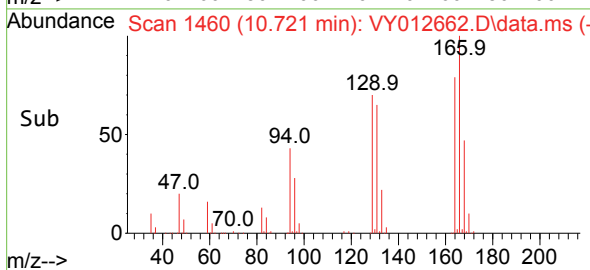
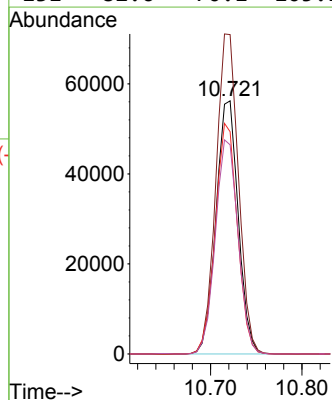
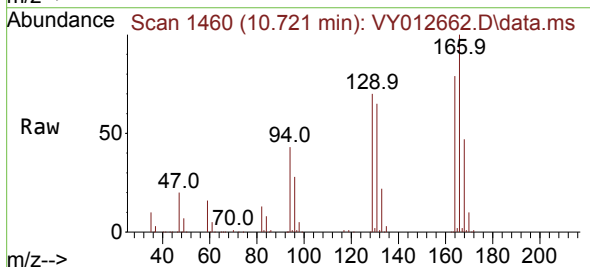
Ion Ratio Lower Upper

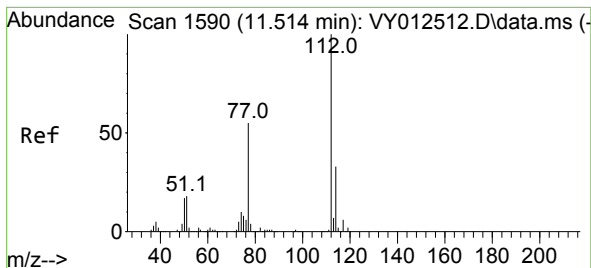
164 100

166 126.1 105.7 158.5

129 87.8 71.8 107.6

131 82.6 70.1 105.1





#65

Chlorobenzene

Concen: 51.365 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

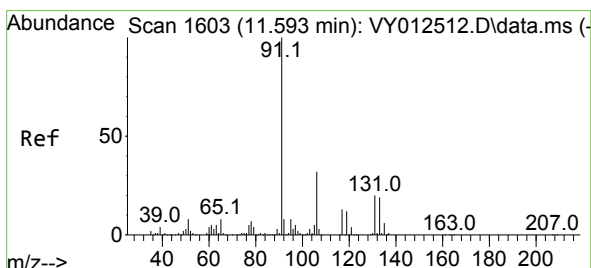
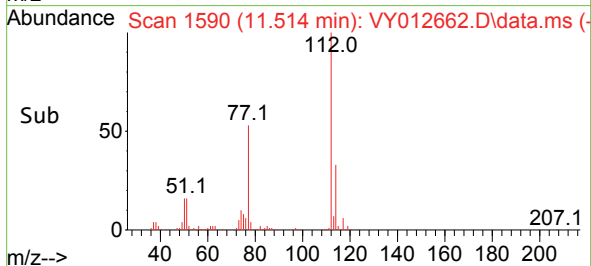
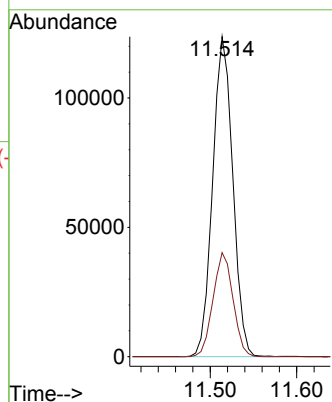
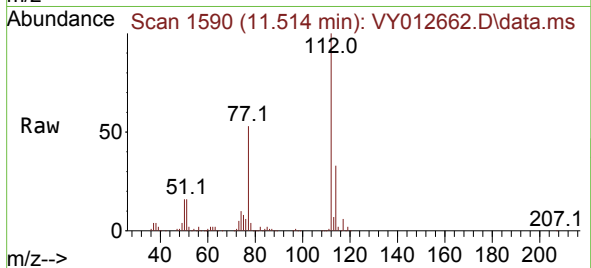
VSTDCCC050EC

Tgt Ion:112 Resp: 199846

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 54.442 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

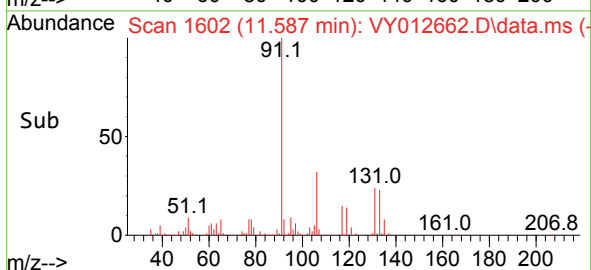
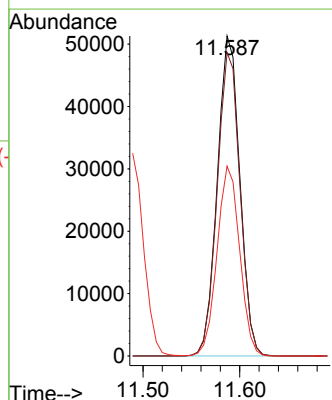
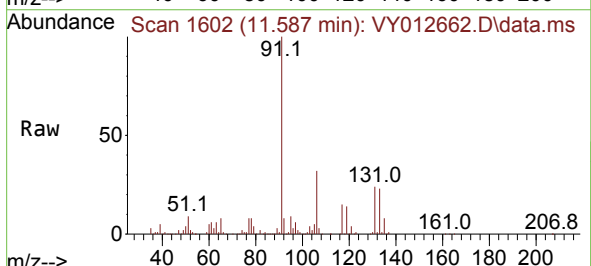
Tgt Ion:131 Resp: 83006

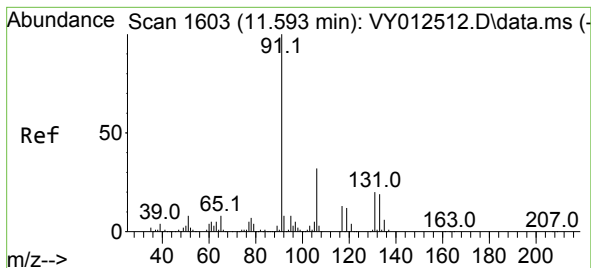
Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.5

119 59.5 30.7 92.1





#67

Ethyl Benzene

Concen: 50.827 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

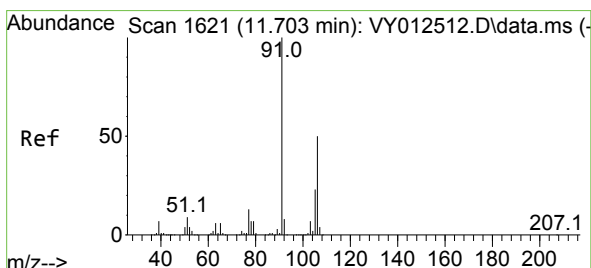
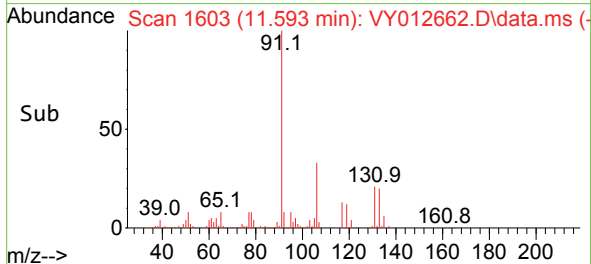
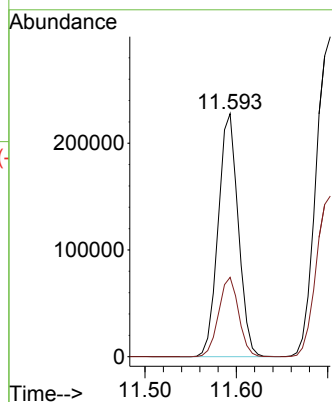
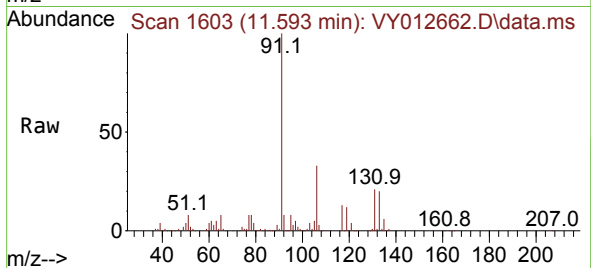
VSTDCCC050EC

Tgt Ion: 91 Resp: 347177

Ion Ratio Lower Upper

91 100

106 32.6 25.6 38.4



#68

m/p-Xylenes

Concen: 101.867 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012662.D

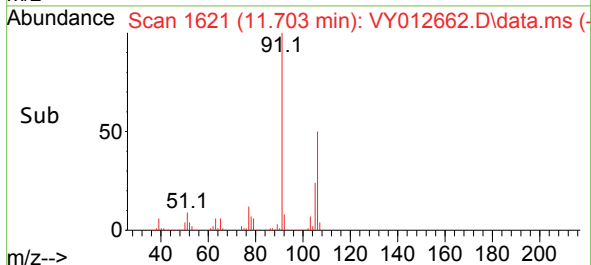
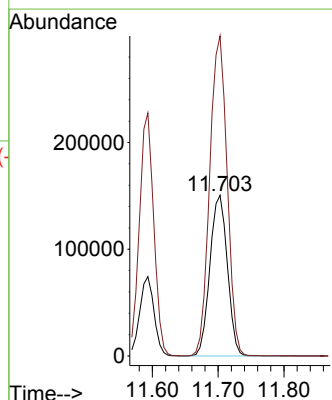
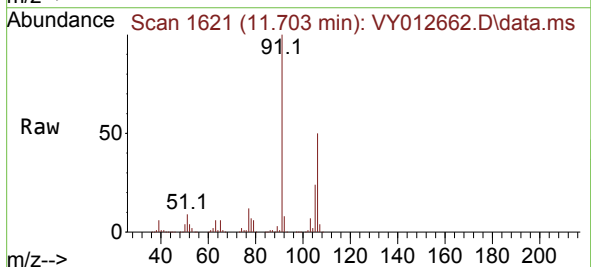
Acq: 17 Feb 2023 19:36

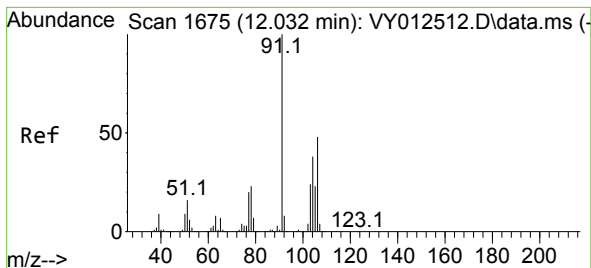
Tgt Ion:106 Resp: 277738

Ion Ratio Lower Upper

106 100

91 198.7 160.3 240.5





#69

o-Xylene

Concen: 52.811 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

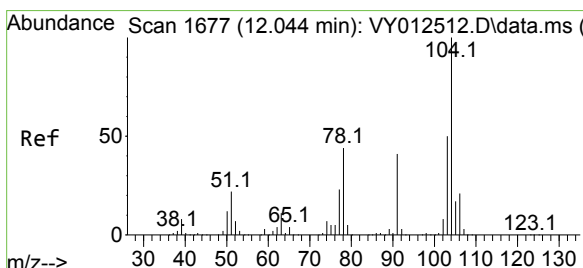
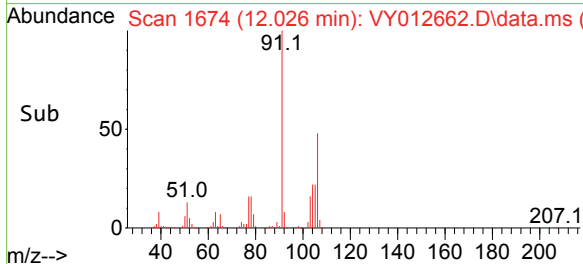
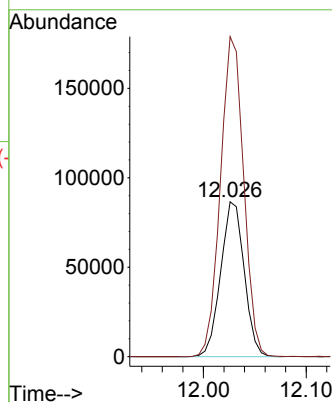
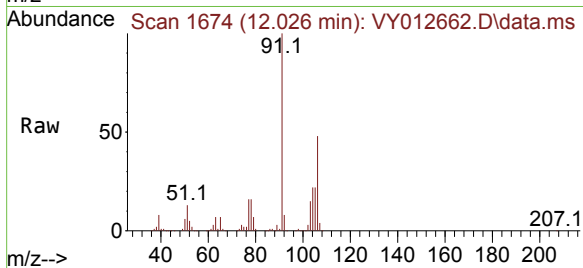
VSTDCCC050EC

Tgt Ion:106 Resp: 137126

Ion Ratio Lower Upper

106 100

91 205.1 104.2 312.5



#70

Styrene

Concen: 53.819 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

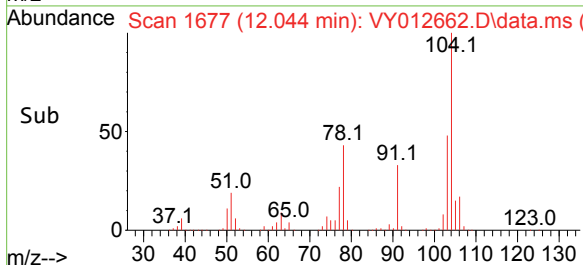
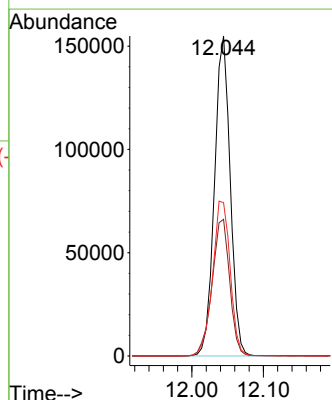
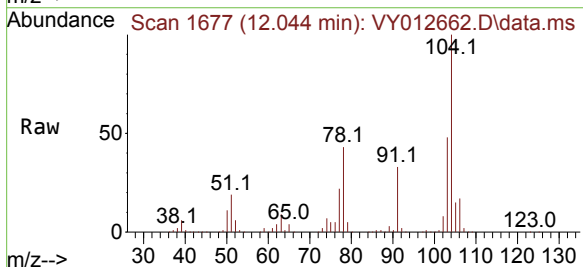
Tgt Ion:104 Resp: 236996

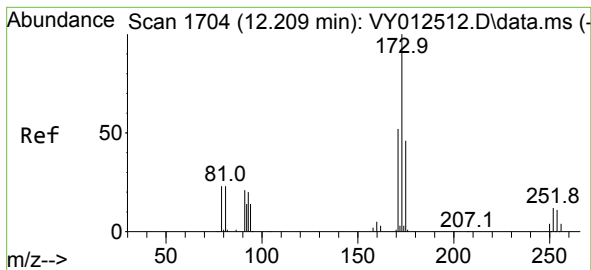
Ion Ratio Lower Upper

104 100

78 47.9 39.4 59.2

103 54.3 43.8 65.8





#71

Bromoform

Concen: 58.710 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

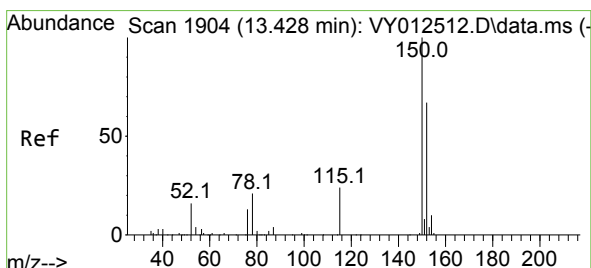
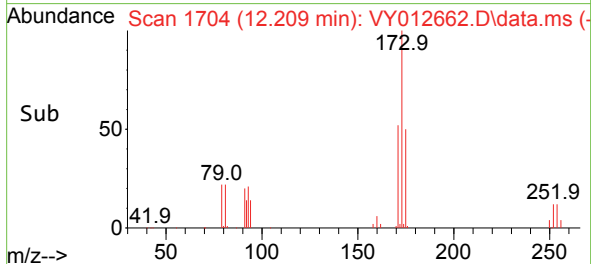
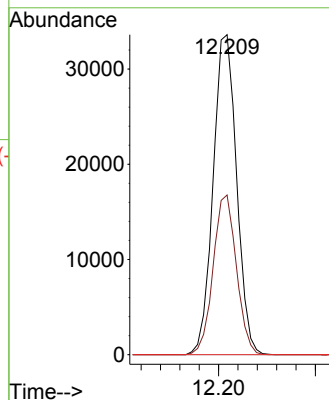
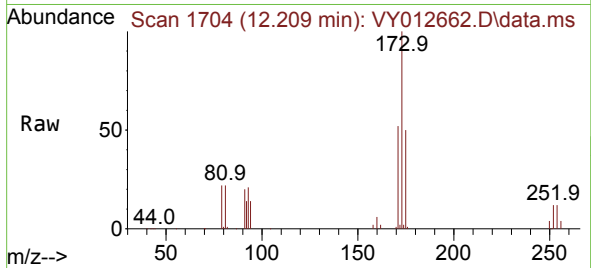
Tgt Ion:173 Resp: 56580

Ion Ratio Lower Upper

173 100

175 49.5 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

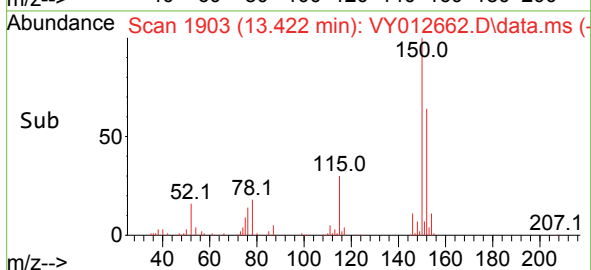
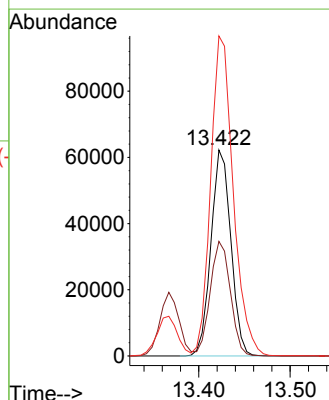
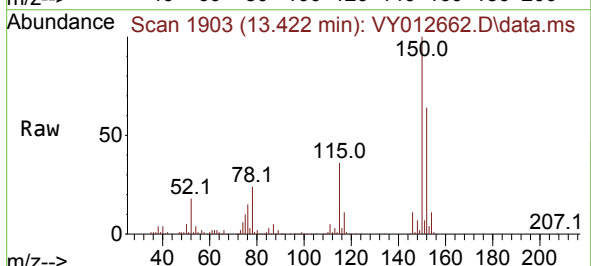
Tgt Ion:152 Resp: 94193

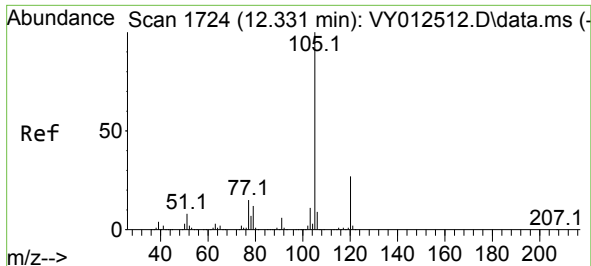
Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.3

150 176.2 0.0 351.0

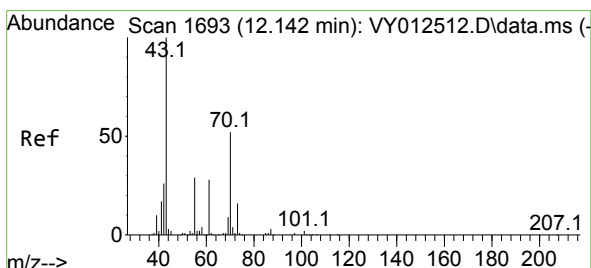
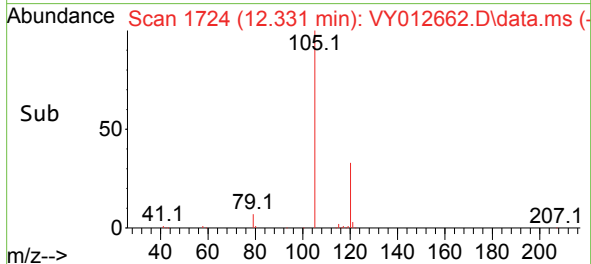
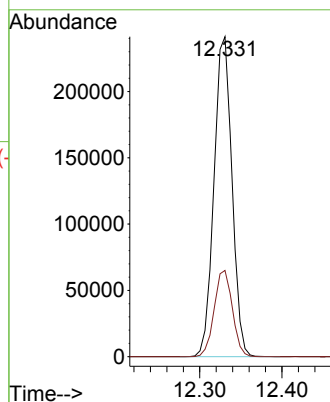
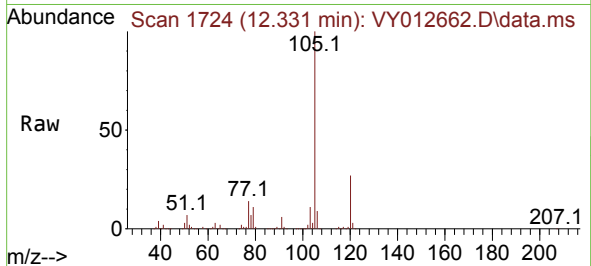




#73
Isopropylbenzene
Concen: 48.017 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

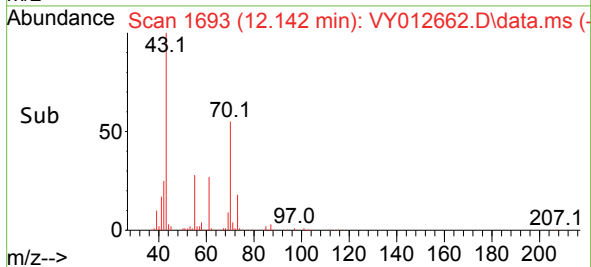
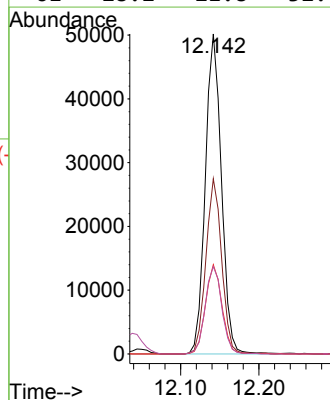
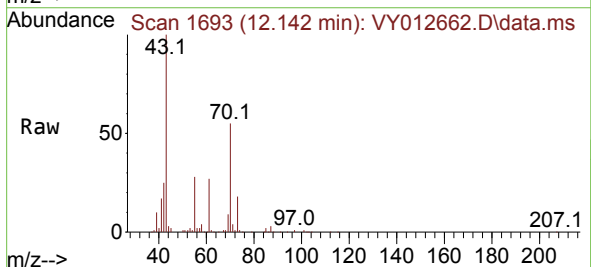
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

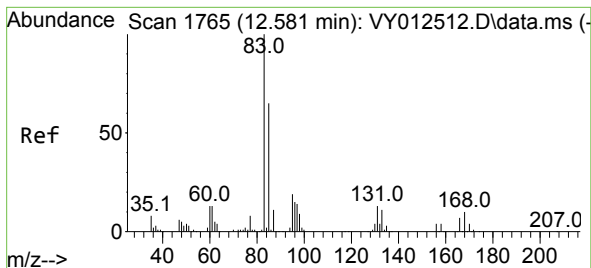
Tgt Ion:105 Resp: 365926
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 51.854 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 43 Resp: 71534
Ion Ratio Lower Upper
43 100
70 53.8 41.0 61.6
55 28.6 22.9 34.3
61 28.2 21.8 32.6

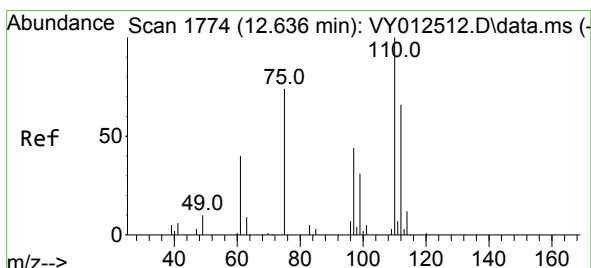
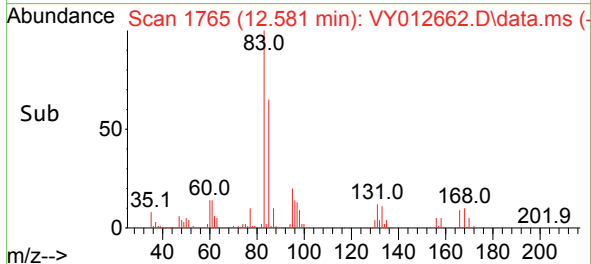
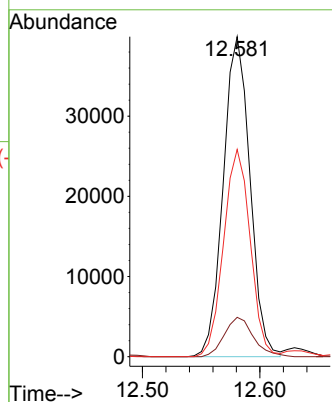
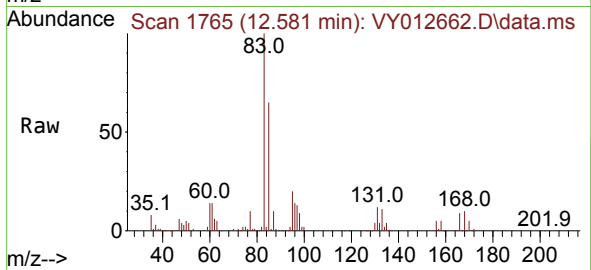




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.242 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012662.D
 Acq: 17 Feb 2023 19:36

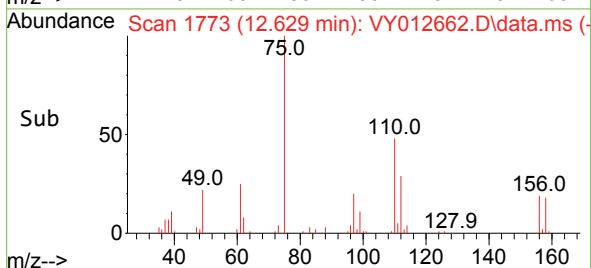
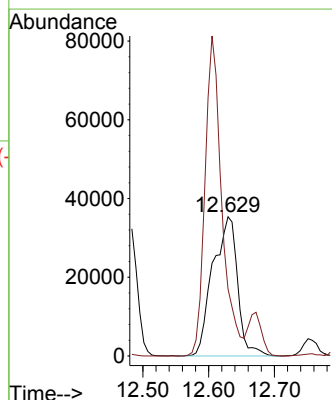
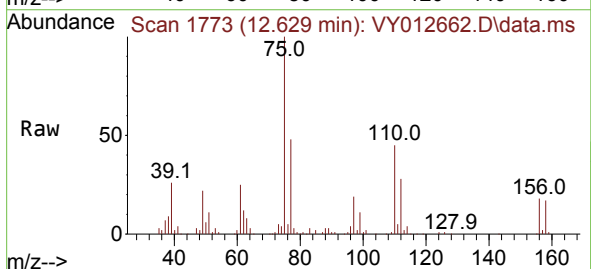
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

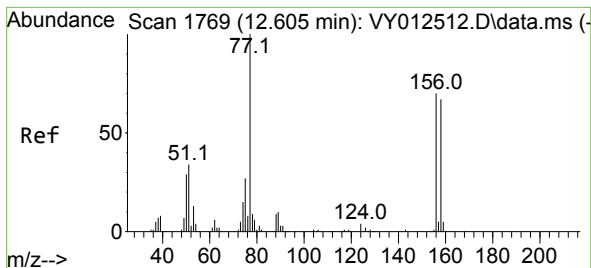
Tgt Ion: 83 Resp: 63143
 Ion Ratio Lower Upper
 83 100
 131 13.3 6.5 19.4
 85 64.6 33.0 99.0



#76
 1,2,3-Trichloropropane
 Concen: 88.224 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY012662.D
 Acq: 17 Feb 2023 19:36

Tgt Ion: 75 Resp: 92843
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.238 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

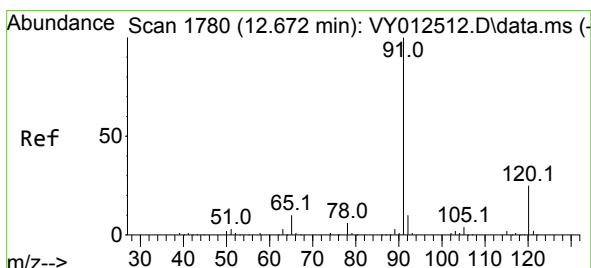
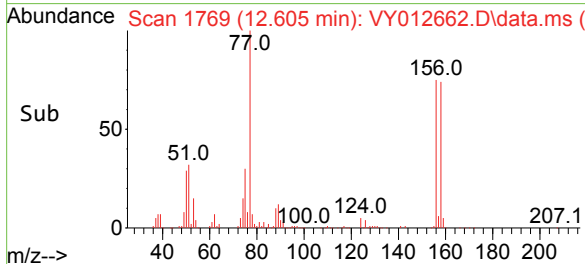
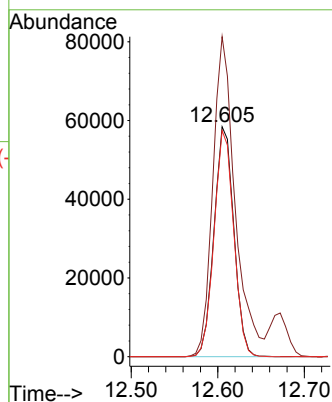
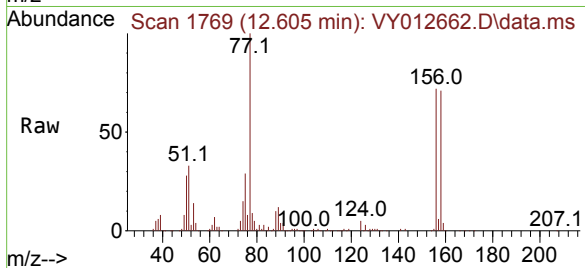
Tgt Ion:156 Resp: 92794

Ion Ratio Lower Upper

156 100

77 156.7 80.6 241.8

158 97.5 49.1 147.3



#78

n-propylbenzene

Concen: 47.447 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012662.D

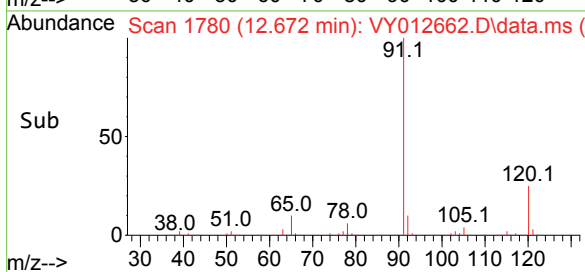
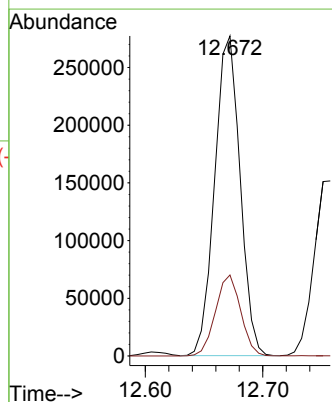
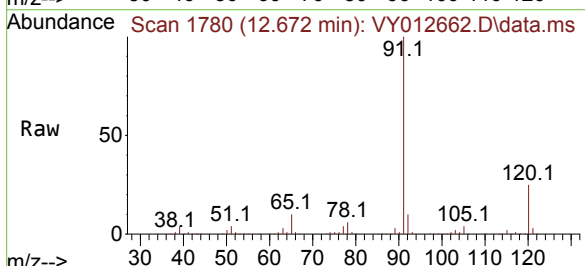
Acq: 17 Feb 2023 19:36

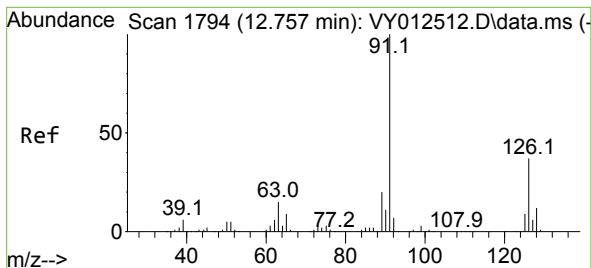
Tgt Ion: 91 Resp: 416183

Ion Ratio Lower Upper

91 100

120 25.1 12.4 37.4

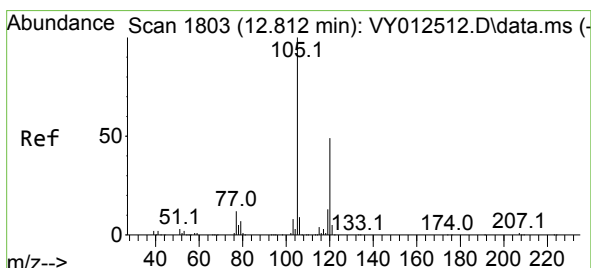
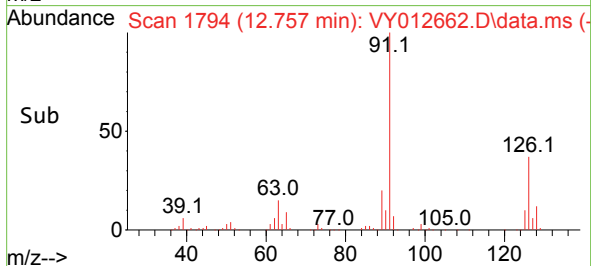
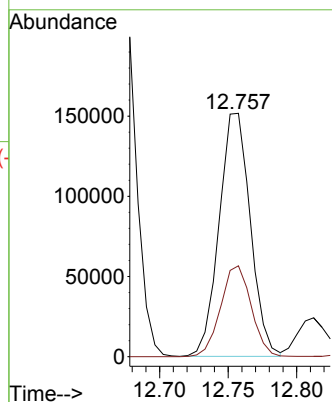
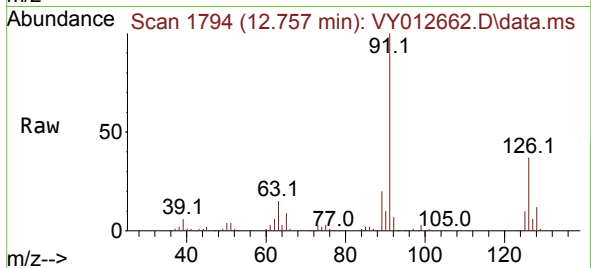




#79
2-Chlorotoluene
Concen: 48.366 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

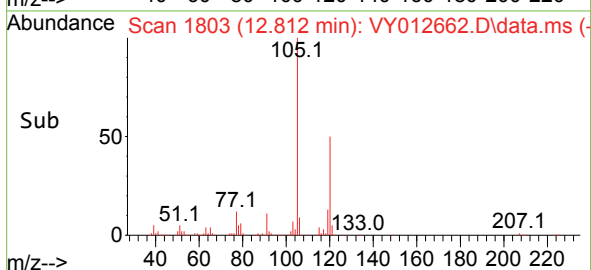
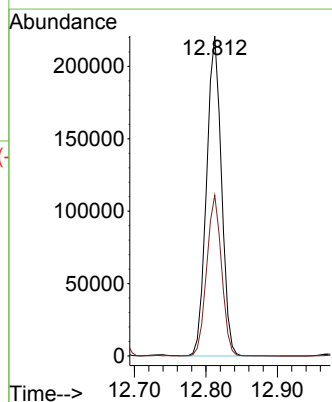
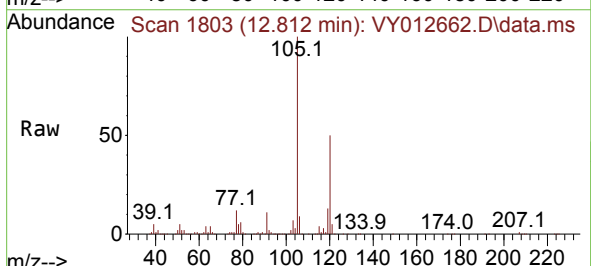
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

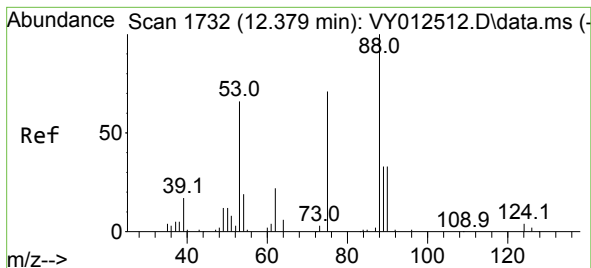
Tgt Ion: 91 Resp: 240832
Ion Ratio Lower Upper
91 100
126 36.8 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 48.746 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 105 Resp: 319789
Ion Ratio Lower Upper
105 100
120 50.1 24.6 74.0

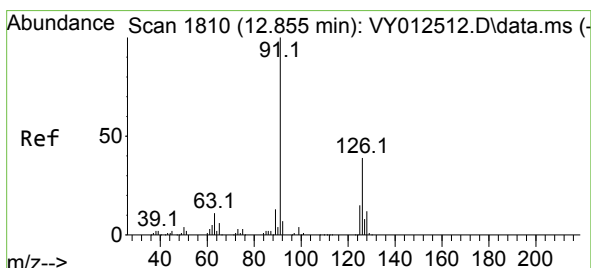
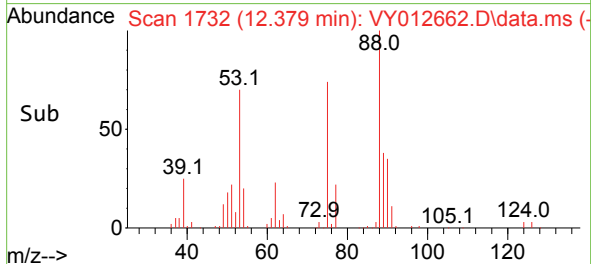
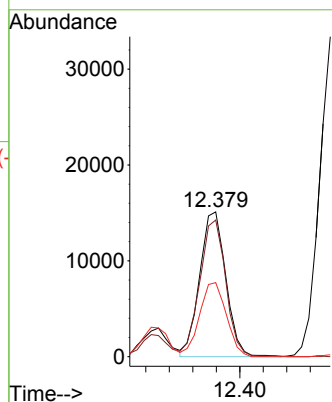
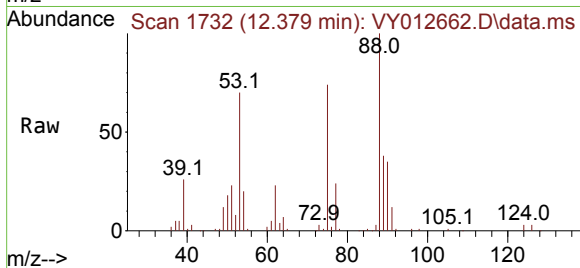




#81
trans-1,4-Dichloro-2-butene
Concen: 50.132 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

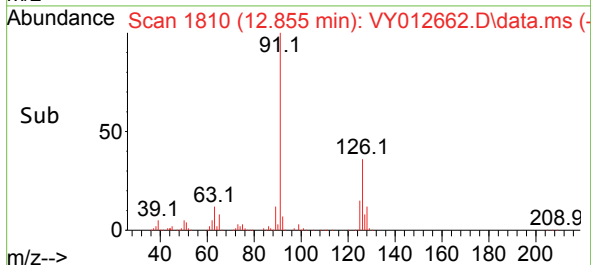
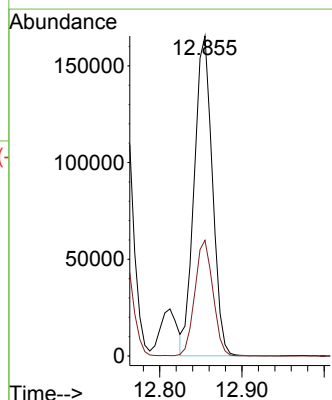
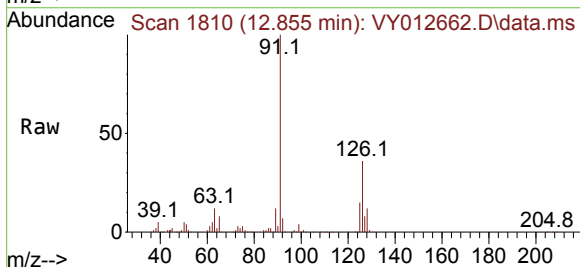
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

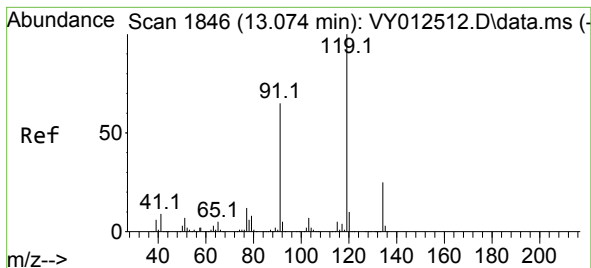
Tgt Ion: 75 Resp: 23395
Ion Ratio Lower Upper
75 100
53 92.7 73.1 109.7
89 52.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 48.424 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 91 Resp: 252940
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3





#83

tert-Butylbenzene

Concen: 49.552 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

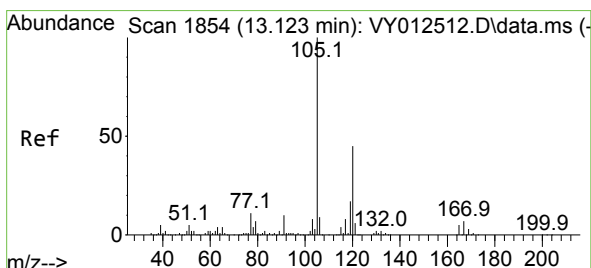
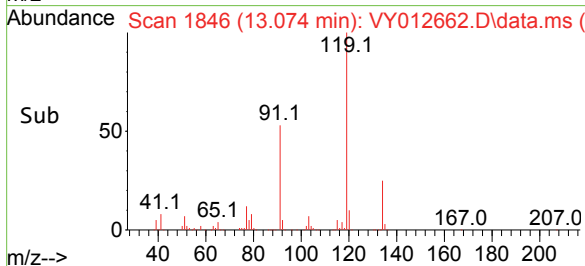
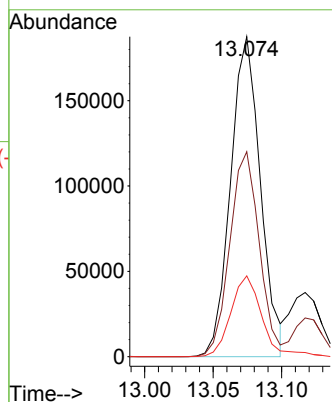
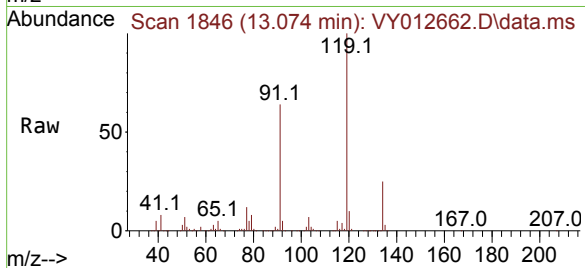
Tgt Ion:119 Resp: 285064

Ion Ratio Lower Upper

119 100

91 63.2 33.0 99.0

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.941 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012662.D

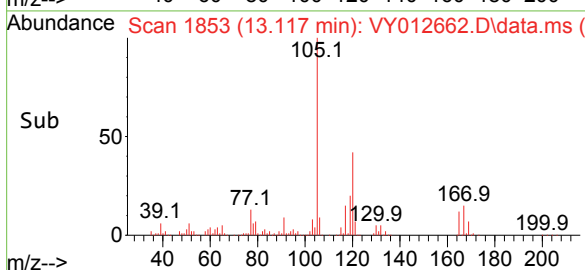
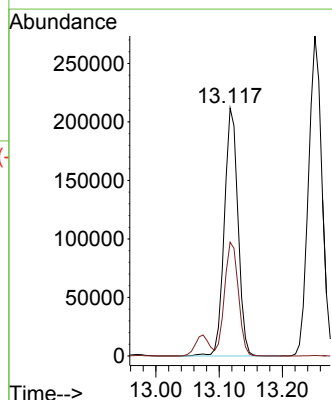
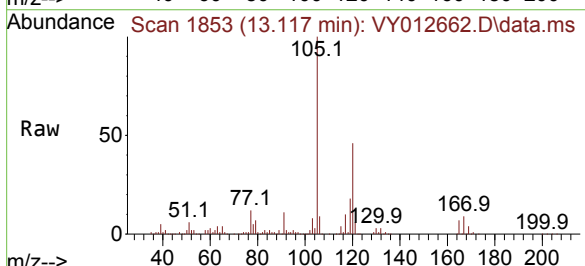
Acq: 17 Feb 2023 19:36

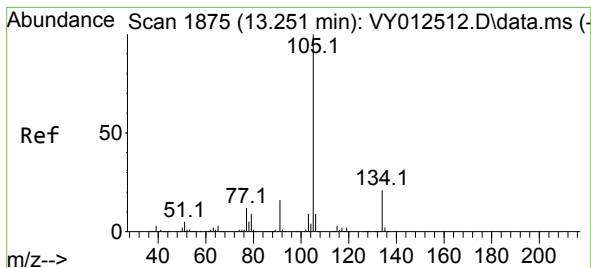
Tgt Ion:105 Resp: 315915

Ion Ratio Lower Upper

105 100

120 46.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 48.853 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

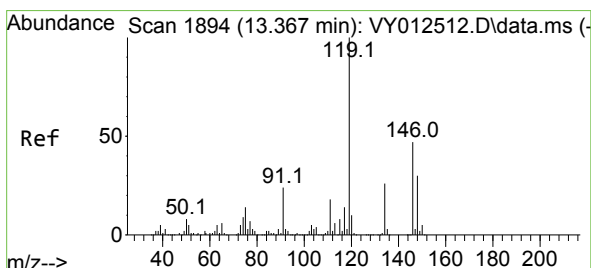
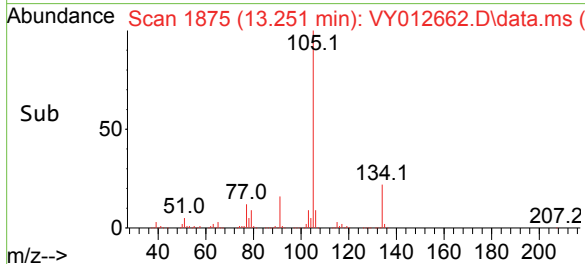
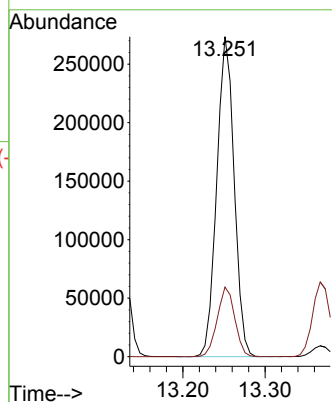
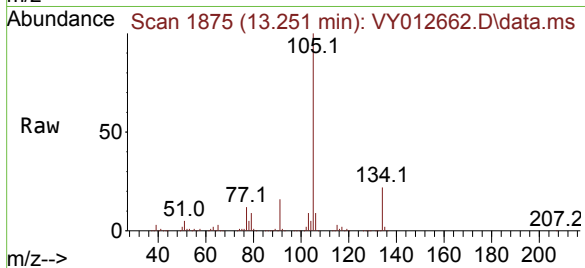
VSTDCCC050EC

Tgt Ion:105 Resp: 402061

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.3



#86

p-Isopropyltoluene

Concen: 49.706 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

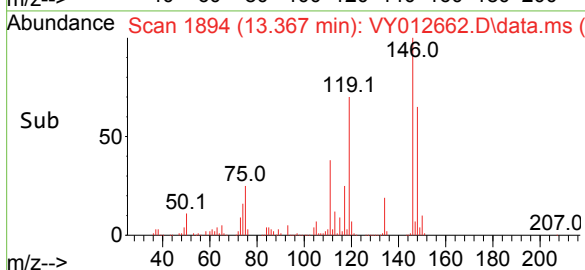
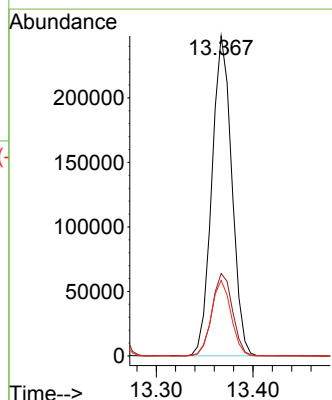
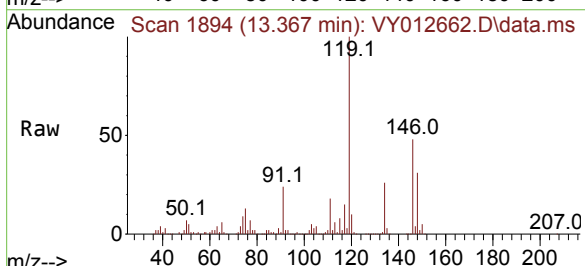
Tgt Ion:119 Resp: 354890

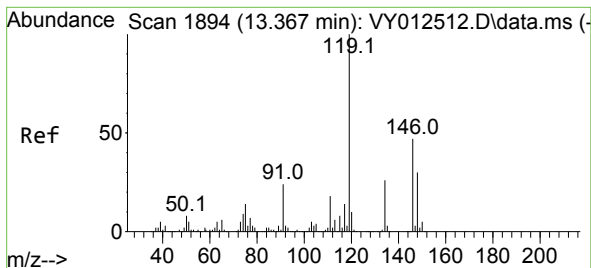
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 23.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.906 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

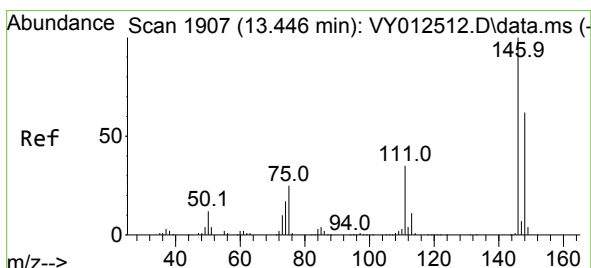
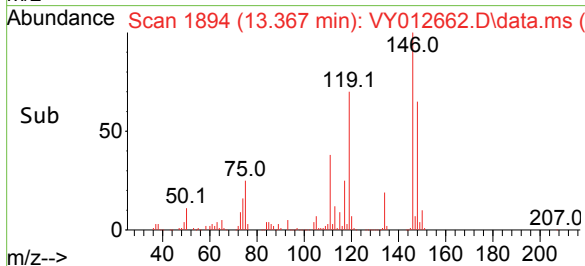
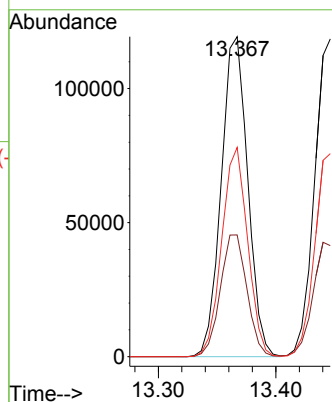
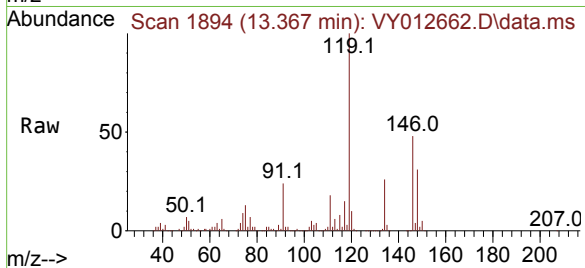
Tgt Ion:146 Resp: 187086

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.174 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

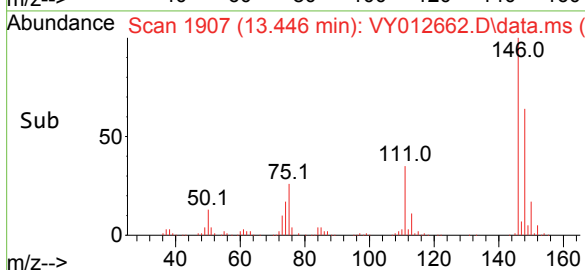
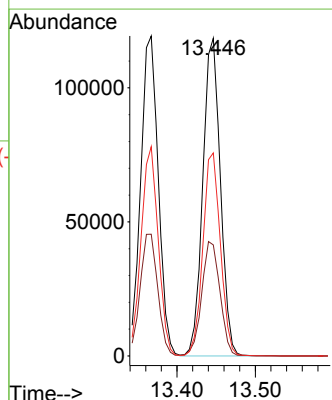
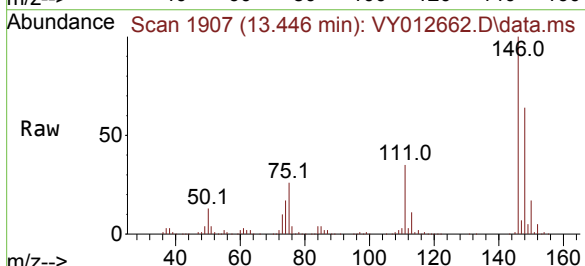
Tgt Ion:146 Resp: 184706

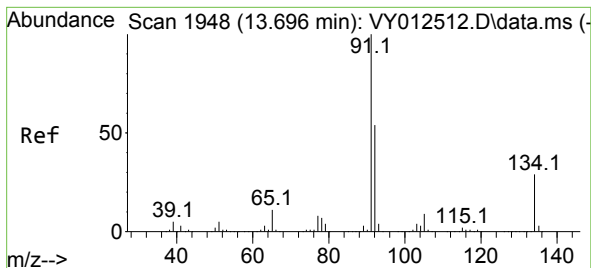
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.2

148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 48.400 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

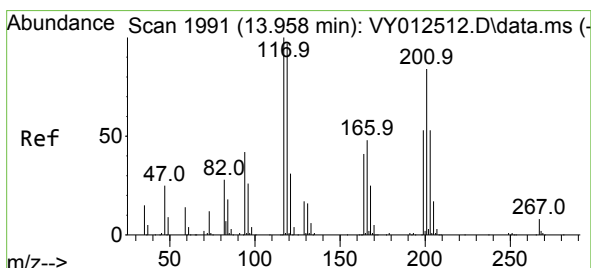
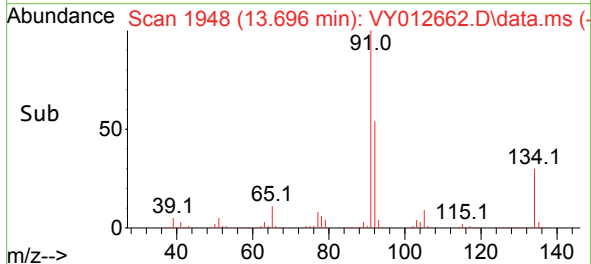
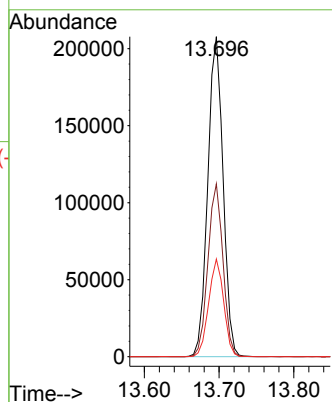
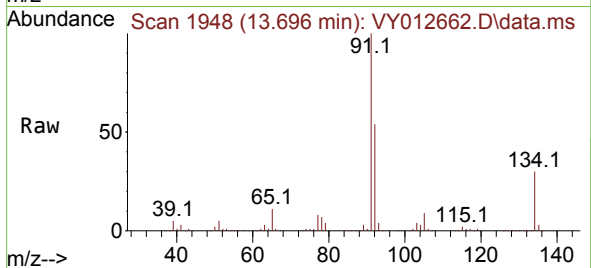
Tgt Ion: 91 Resp: 295339

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 30.0 14.5 43.5



#90

Hexachloroethane

Concen: 49.214 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012662.D

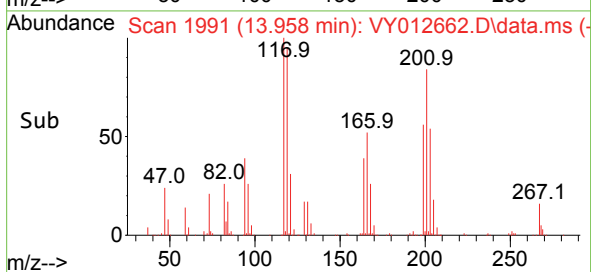
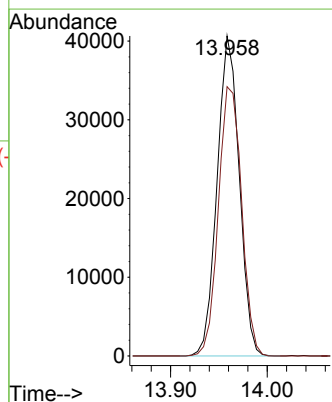
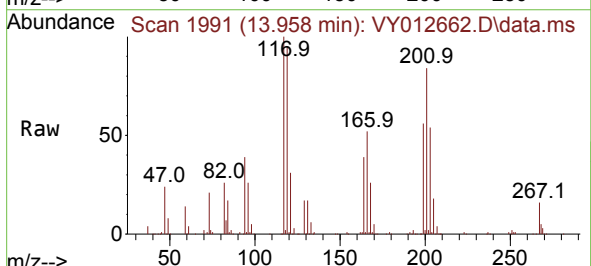
Acq: 17 Feb 2023 19:36

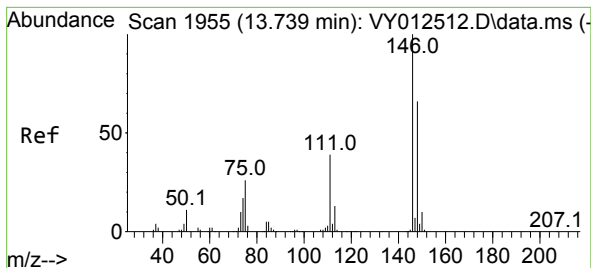
Tgt Ion: 117 Resp: 64496

Ion Ratio Lower Upper

117 100

201 88.2 43.9 131.7

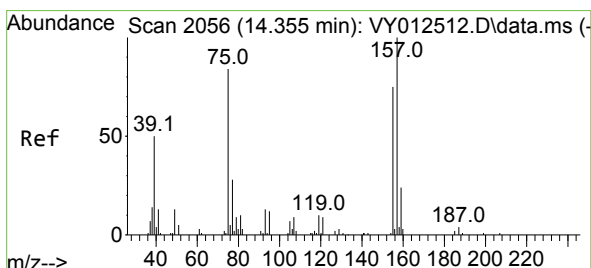
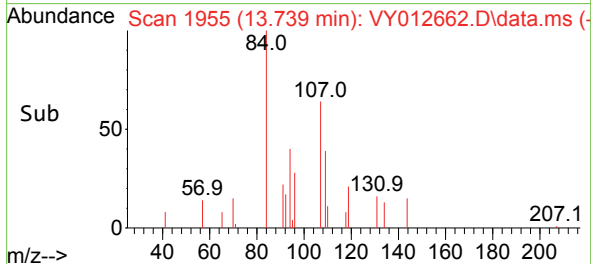
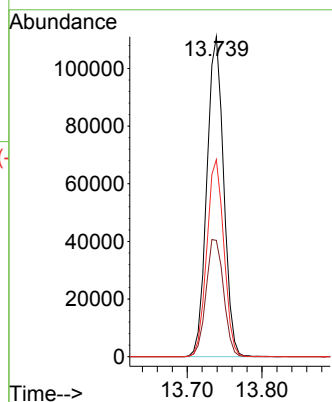
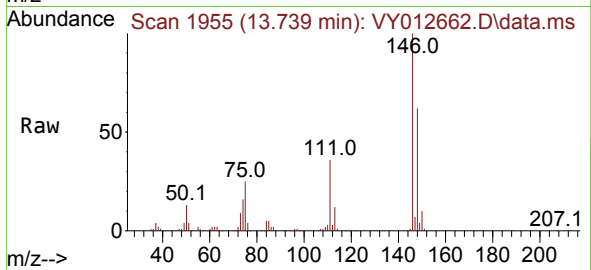




#91
1,2-Dichlorobenzene
Concen: 52.418 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

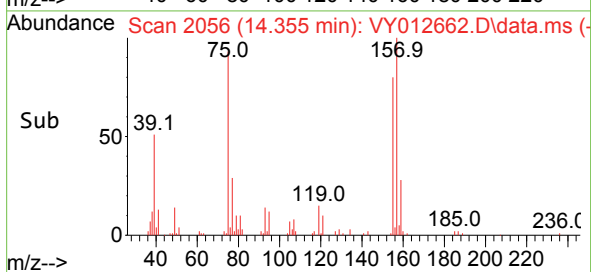
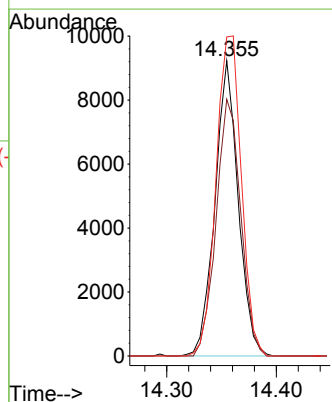
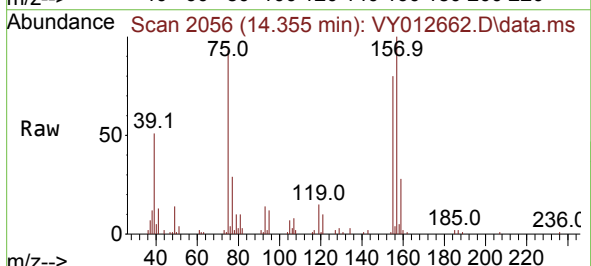
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

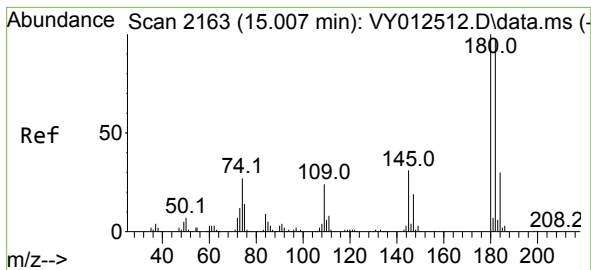
Tgt Ion:146 Resp: 173301
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.1
148 62.5 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.587 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion: 75 Resp: 13631
Ion Ratio Lower Upper
75 100
155 91.8 46.5 139.3
157 118.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 54.459 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

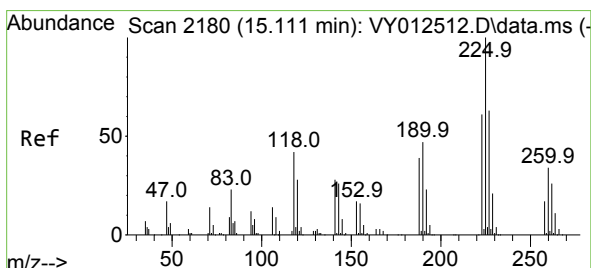
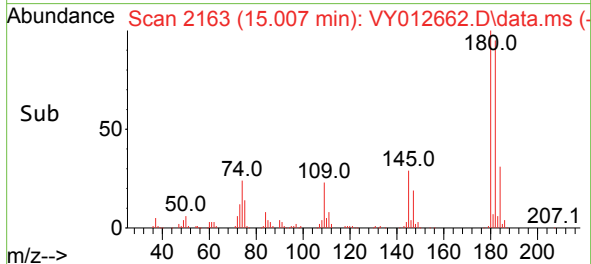
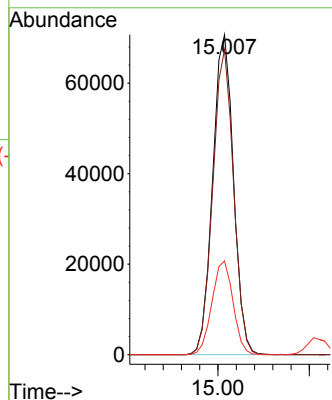
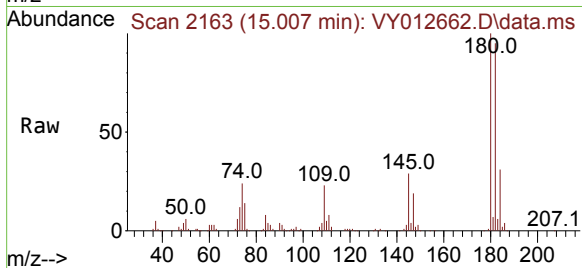
Tgt Ion:180 Resp: 111561

Ion Ratio Lower Upper

180 100

182 95.0 47.7 143.1

145 29.7 15.4 46.4



#94

Hexachlorobutadiene

Concen: 51.519 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012662.D

Acq: 17 Feb 2023 19:36

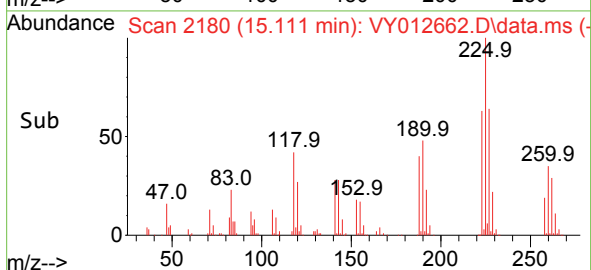
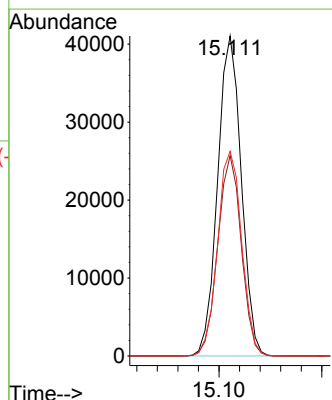
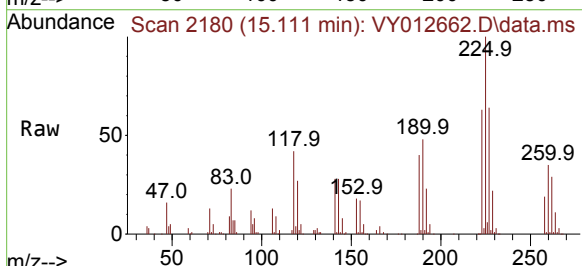
Tgt Ion:225 Resp: 65563

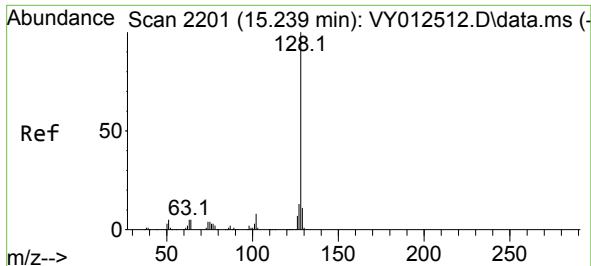
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 65.1 31.9 95.5

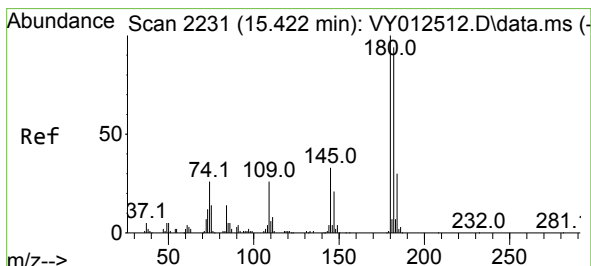
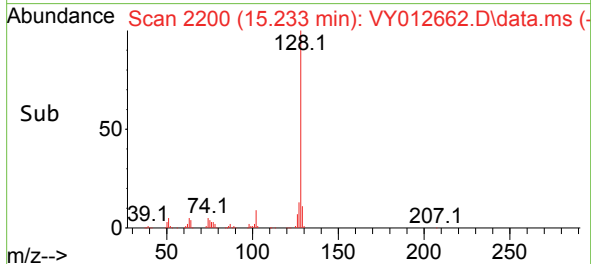
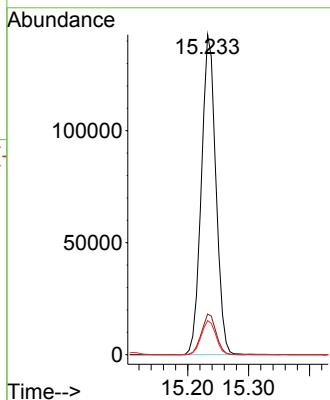
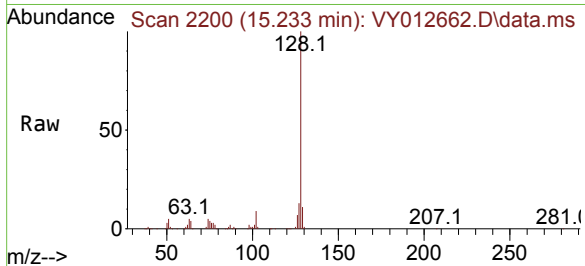




#95
Naphthalene
Concen: 60.100 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 236344
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.595 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY012662.D
Acq: 17 Feb 2023 19:36

Tgt Ion:180 Resp: 100356
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.8 16.2 48.6

