

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012305.D
 Acq On : 20 Jan 2023 20:53
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 23 02:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75951	48.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.716	113	69420	45.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.980%
50) Toluene-d8	10.179	98	255266	48.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.483	95	96650	45.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67782	41.377	ug/l	98
3) Chloromethane	2.113	50	62015	41.008	ug/l	98
4) Vinyl Chloride	2.253	62	77878	44.120	ug/l	95
5) Bromomethane	2.650	94	62721	45.959	ug/l	96
6) Chloroethane	2.796	64	53961	46.874	ug/l	96
7) Trichlorofluoromethane	3.131	101	163628	47.497	ug/l	99
8) Diethyl Ether	3.528	74	48743	47.548	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	81707	48.731	ug/l	94
10) Methyl Iodide	4.095	142	116631	45.772	ug/l	95
11) Tert butyl alcohol	4.948	59	43999	238.034	ug/l	99
12) 1,1-Dichloroethene	3.875	96	83835	48.695	ug/l	95
13) Acrolein	3.729	56	10946	144.860	ug/l	98
14) Allyl chloride	4.479	41	99642	46.808	ug/l #	83
15) Acrylonitrile	5.161	53	111241	248.433	ug/l	99
16) Acetone	3.948	43	101035	193.564	ug/l	99
17) Carbon Disulfide	4.198	76	249232	46.802	ug/l	100
18) Methyl Acetate	4.479	43	57587	49.304	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	238310	49.656	ug/l	93
20) Methylene Chloride	4.716	84	106167	48.300	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	94977	49.436	ug/l	88
22) Diisopropyl ether	6.112	45	208813	49.202	ug/l #	88
23) Vinyl Acetate	6.058	43	637939	241.228	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	146283	49.694	ug/l	97
25) 2-Butanone	6.984	43	128362	222.754	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	149736	46.858	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	107411	50.898	ug/l	92
28) Bromochloromethane	7.332	49	29121	45.298	ug/l #	69
29) Tetrahydrofuran	7.344	42	78031	246.521	ug/l #	80
30) Chloroform	7.509	83	176417	50.769	ug/l	99
31) Cyclohexane	7.783	56	128057	46.854	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	170454	49.549	ug/l	98
36) 1,1-Dichloropropene	7.917	75	126120	49.162	ug/l	98
37) Ethyl Acetate	7.070	43	53860	47.624	ug/l #	93
38) Carbon Tetrachloride	7.899	117	165071	49.821	ug/l	99
39) Methylcyclohexane	9.185	83	159634	50.919	ug/l	92
40) Benzene	8.161	78	369353	49.883	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	77958	117.272	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	118368	50.214	ug/l	99
43) Isopropyl Acetate	8.271	43	101656	48.313	ug/l #	92
44) Trichloroethene	8.941	130	111681	50.463	ug/l	99
45) 1,2-Dichloropropane	9.216	63	78467	50.787	ug/l	98
46) Dibromomethane	9.307	93	53138	51.374	ug/l	94
47) Bromodichloromethane	9.496	83	133520	51.282	ug/l	97
48) Methyl methacrylate	9.295	41	48117	49.632	ug/l	87
49) 1,4-Dioxane	9.295	88	14601	1035.975	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	277147	247.019	ug/l	94
52) Toluene	10.246	92	250865	50.885	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	137117	50.348	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	146100	49.813	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	74370	50.608	ug/l	97
56) Ethyl methacrylate	10.508	69	100707	52.236	ug/l	93
57) 1,3-Dichloropropane	10.788	76	122805	51.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	147878	231.810	ug/l #	88
59) 2-Hexanone	10.831	43	201543	235.941	ug/l	94
60) Dibromochloromethane	10.984	129	102759	52.721	ug/l	99
61) 1,2-Dibromoethane	11.087	107	73080	51.536	ug/l	100
64) Tetrachloroethene	10.721	164	131526	53.913	ug/l	96
65) Chlorobenzene	11.514	112	272874	49.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	104836	50.774	ug/l	98
67) Ethyl Benzene	11.593	91	485945	49.706	ug/l	98
68) m/p-Xylenes	11.703	106	388403	100.480	ug/l	98
69) o-Xylene	12.026	106	185653	50.284	ug/l	97
70) Styrene	12.044	104	313719	50.855	ug/l	99
71) Bromoform	12.209	173	68168	51.675	ug/l	98
73) Isopropylbenzene	12.331	105	497500	50.292	ug/l	99
74) N-amyl acetate	12.142	43	89355	46.080	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	74841	48.032	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	113960	90.340	ug/l #	100
77) Bromobenzene	12.611	156	120210	50.501	ug/l	90
78) n-propylbenzene	12.672	91	564402	48.758	ug/l	97
79) 2-Chlorotoluene	12.758	91	322642	49.297	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	428331	49.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	29204	47.701	ug/l	97
82) 4-Chlorotoluene	12.855	91	339625	49.401	ug/l	98
83) tert-Butylbenzene	13.075	119	369117	49.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	425069	50.122	ug/l	99
85) sec-Butylbenzene	13.251	105	525959	49.288	ug/l	97
86) p-Isopropyltoluene	13.367	119	462601	49.617	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	232969	49.210	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	229551	48.620	ug/l	99
89) n-Butylbenzene	13.697	91	389240	48.175	ug/l	98
90) Hexachloroethane	13.959	117	83622	49.683	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	207631	49.152	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15568	48.347	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	128919	47.630	ug/l	97
94) Hexachlorobutadiene	15.111	225	79860	49.004	ug/l	99
95) Naphthalene	15.239	128	257905	48.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	110420	47.407	ug/l	99

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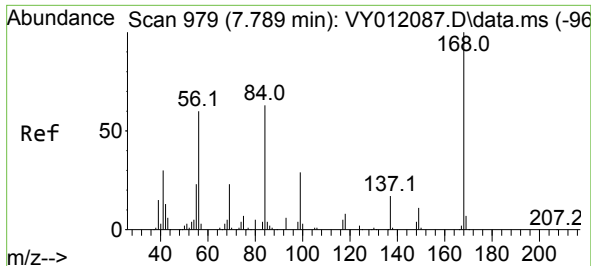
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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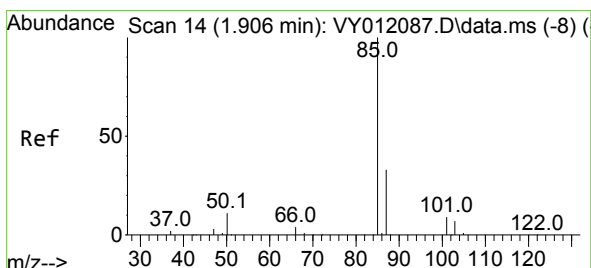
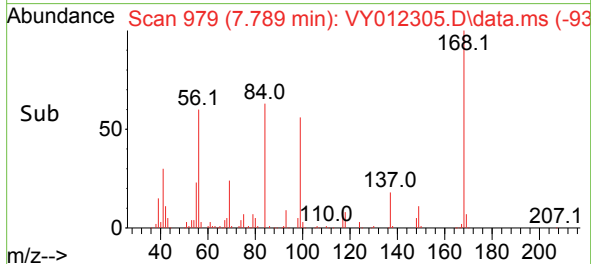
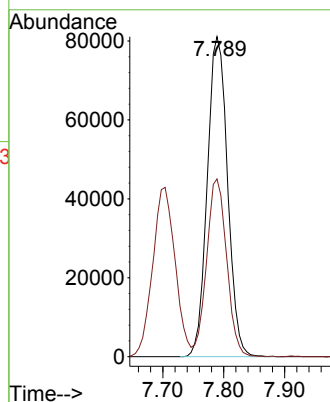
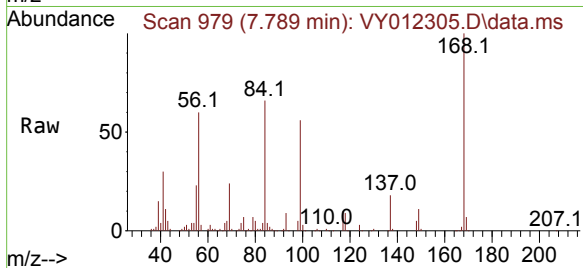




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012305.D
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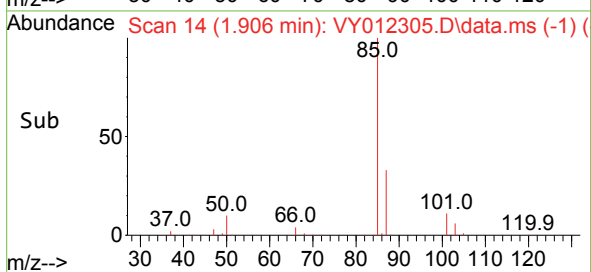
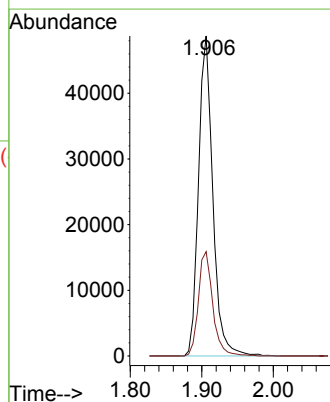
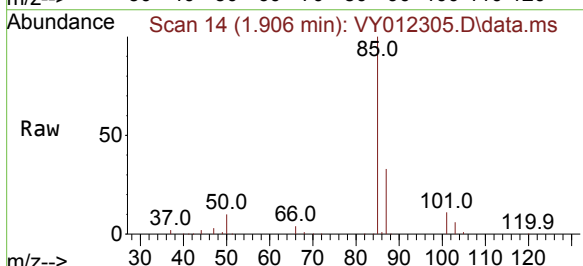
Instrument :
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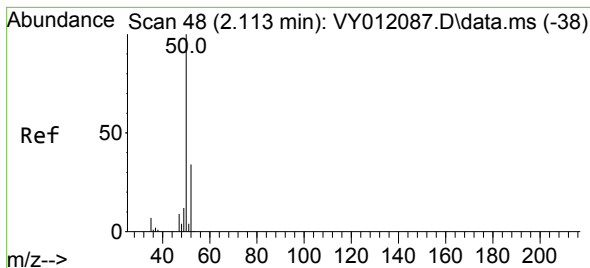
Tgt Ion:168 Resp: 187453
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 41.377 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 85 Resp: 67782
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4





#3

Chloromethane

Concen: 41.008 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

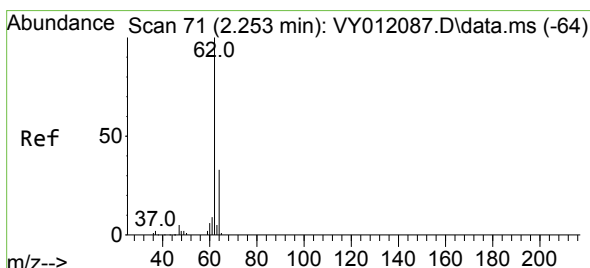
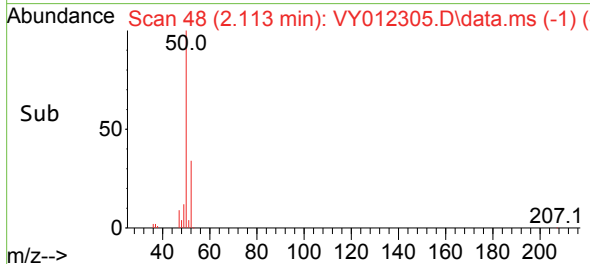
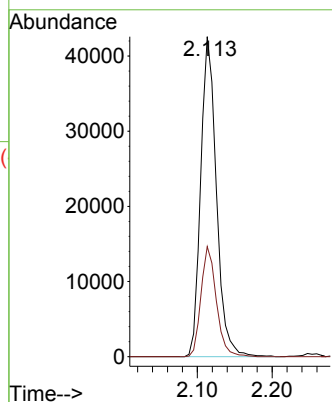
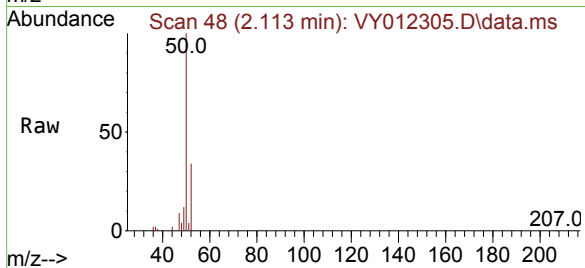
VSTDCCC050EC

Tgt Ion: 50 Resp: 62015

Ion Ratio Lower Upper

50 100

52 34.4 26.8 40.2



#4

Vinyl Chloride

Concen: 44.120 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012305.D

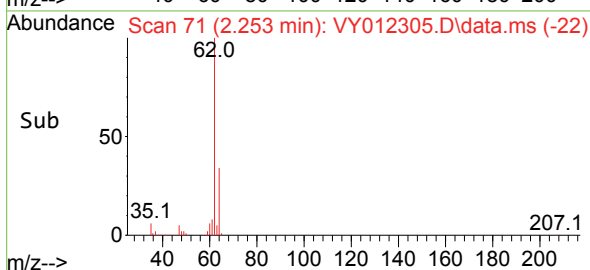
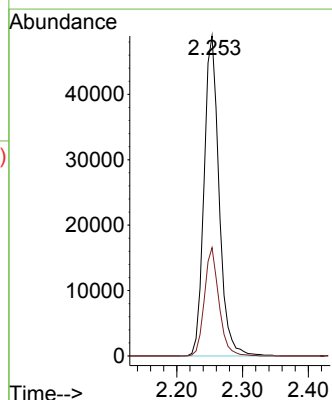
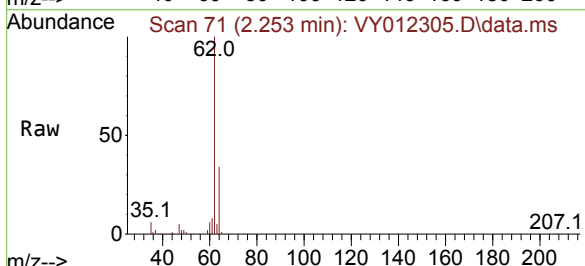
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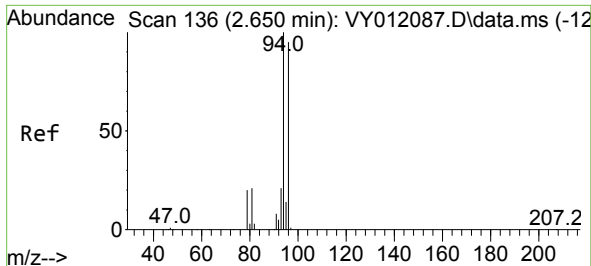
Tgt Ion: 62 Resp: 77878

Ion Ratio Lower Upper

62 100

64 33.8 25.0 37.6

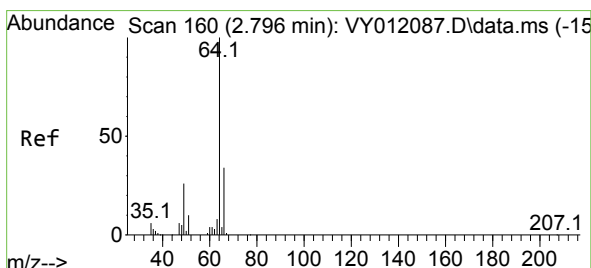
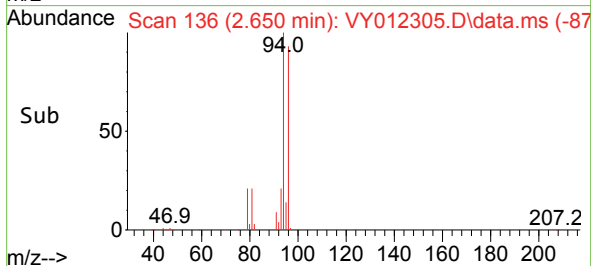
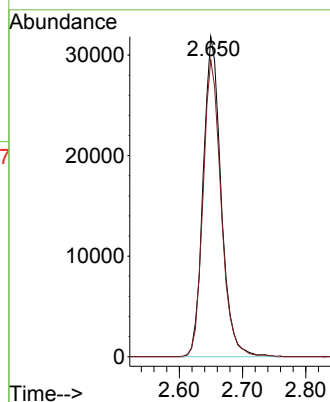
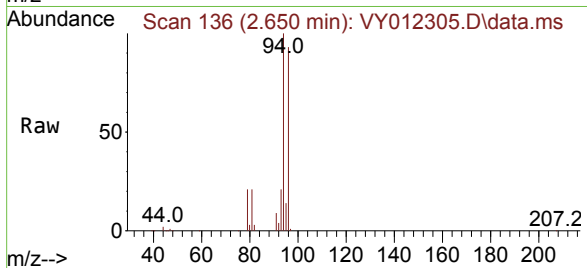




#5
Bromomethane
Concen: 45.959 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

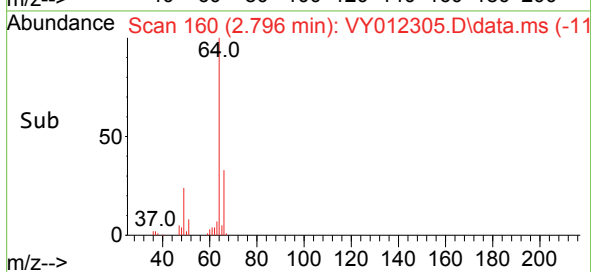
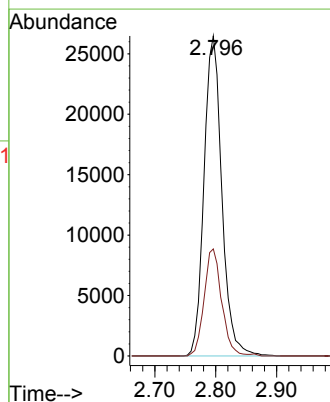
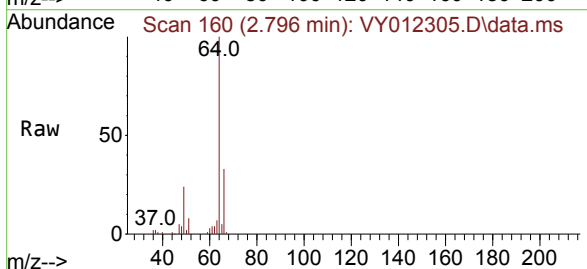
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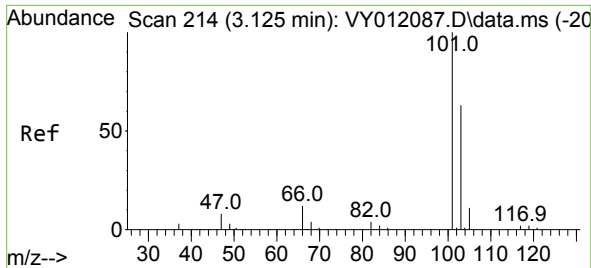
Tgt Ion: 94 Resp: 62721
Ion Ratio Lower Upper
94 100
96 92.8 77.4 116.2



#6
Chloroethane
Concen: 46.874 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 64 Resp: 53961
Ion Ratio Lower Upper
64 100
66 33.5 25.0 37.4

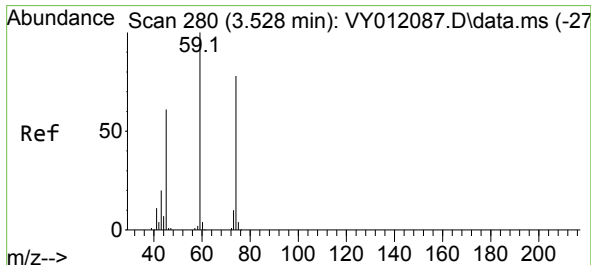
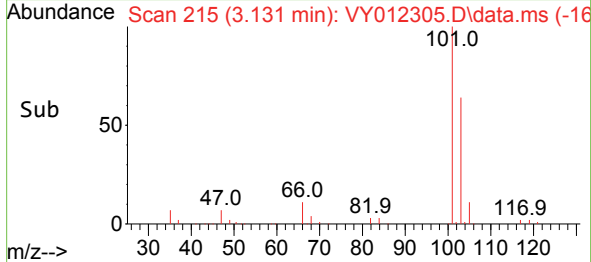
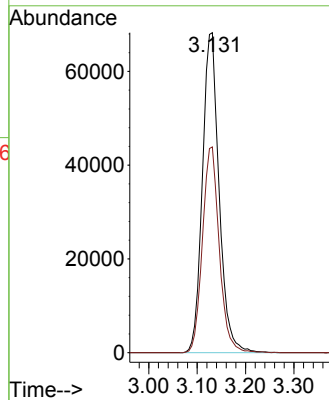
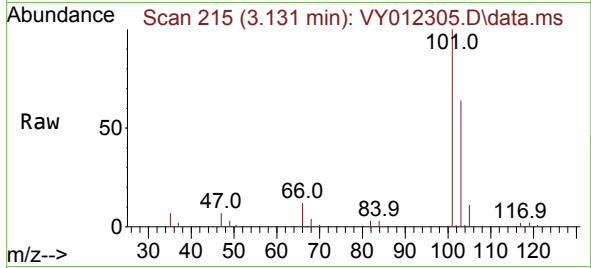




#7
 Trichlorofluoromethane
 Concen: 47.497 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

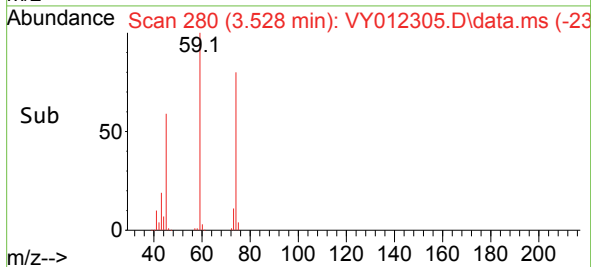
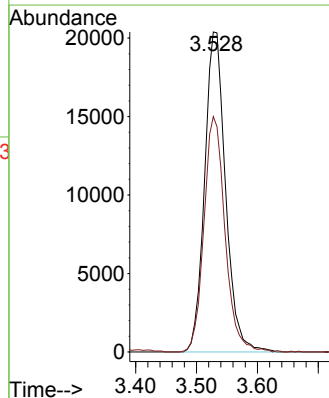
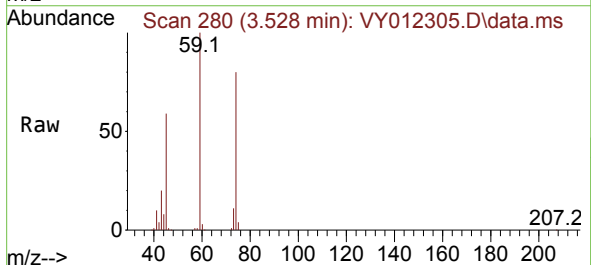
Instrument :
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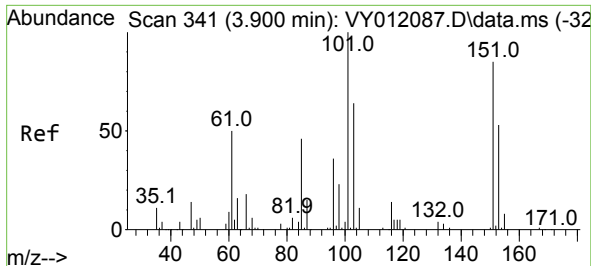
Tgt Ion:101 Resp: 163628
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6



#8
 Diethyl Ether
 Concen: 47.548 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

Tgt Ion: 74 Resp: 48743
 Ion Ratio Lower Upper
 74 100
 45 74.0 46.8 140.3

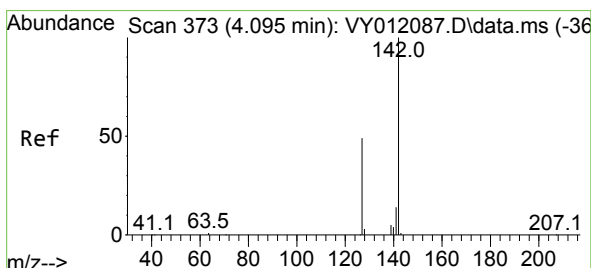
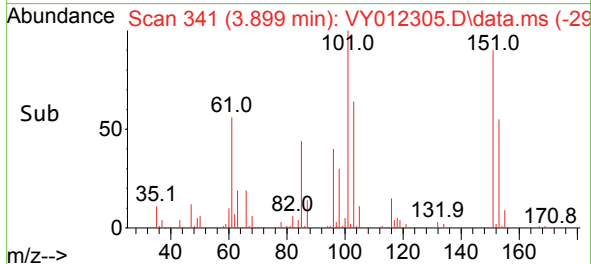
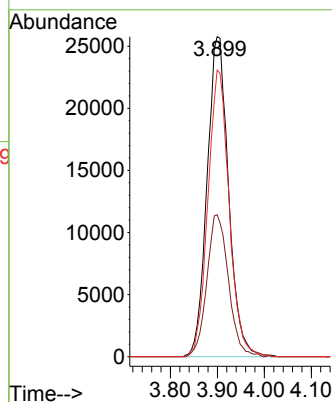
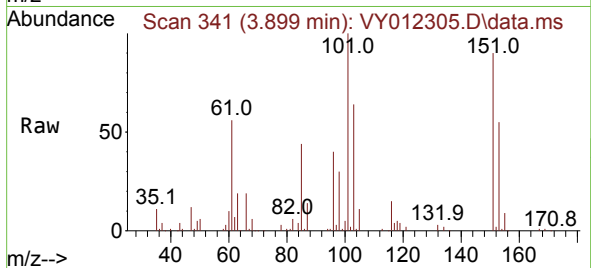




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.731 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

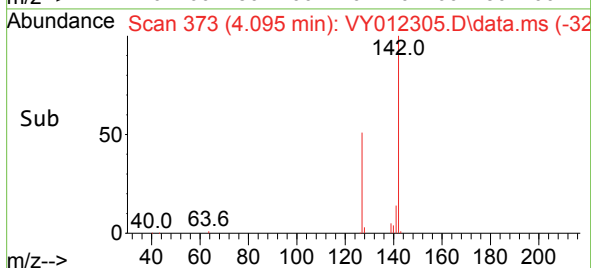
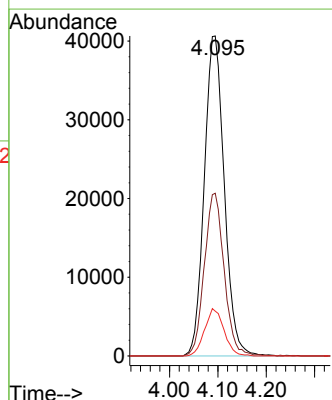
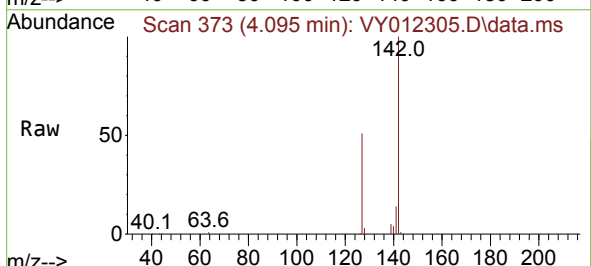
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

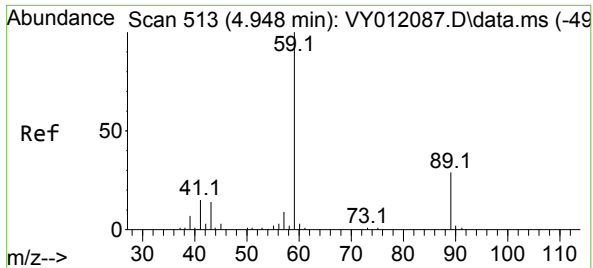
Tgt Ion:101 Resp: 81707
Ion Ratio Lower Upper
101 100
85 44.6 36.2 54.2
151 88.7 64.2 96.2



#10
Methyl Iodide
Concen: 45.772 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:142 Resp: 116631
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 14.4 11.4 17.0

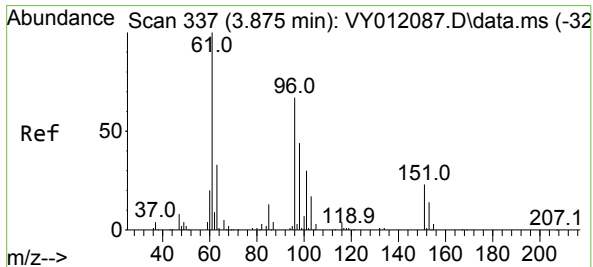
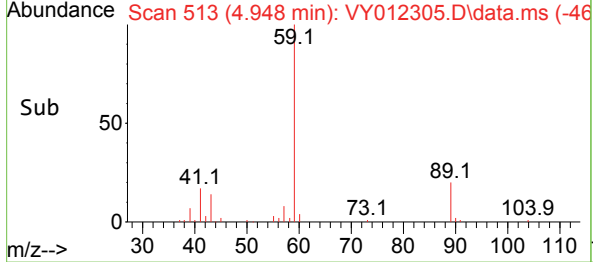
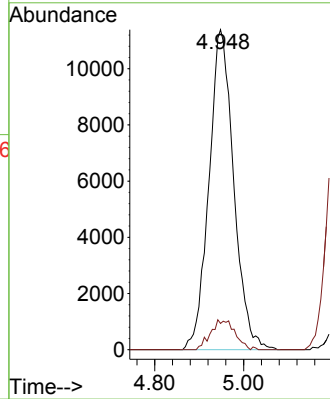
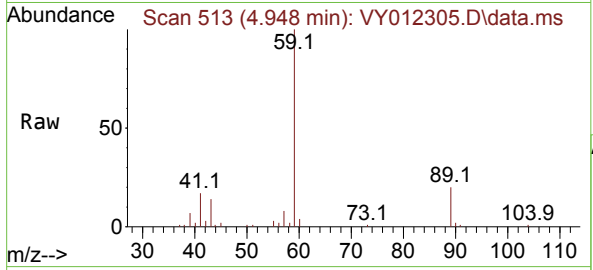




#11
Tert butyl alcohol
Concen: 238.034 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

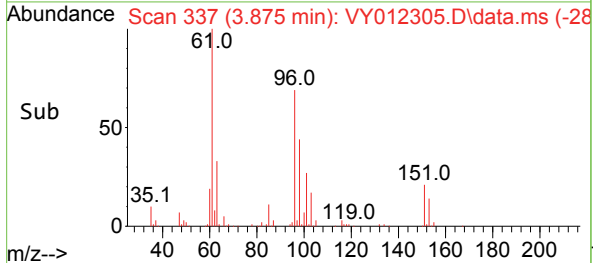
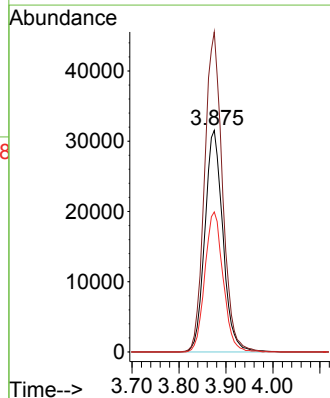
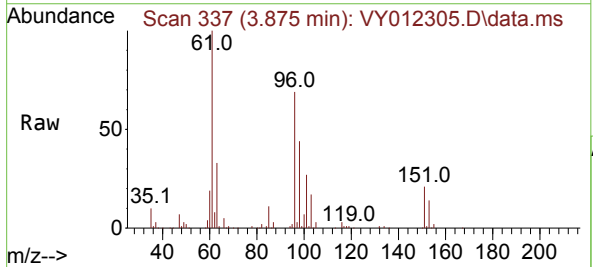
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

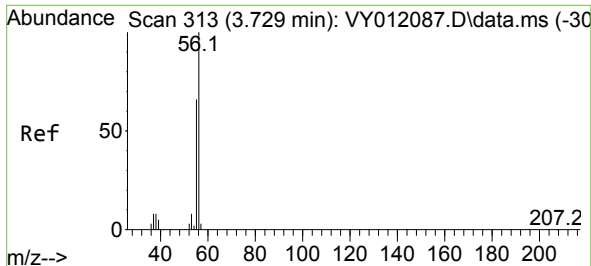
Tgt Ion: 59 Resp: 43999
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.695 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 96 Resp: 83835
Ion Ratio Lower Upper
96 100
61 144.4 122.0 183.0
98 63.1 48.6 73.0

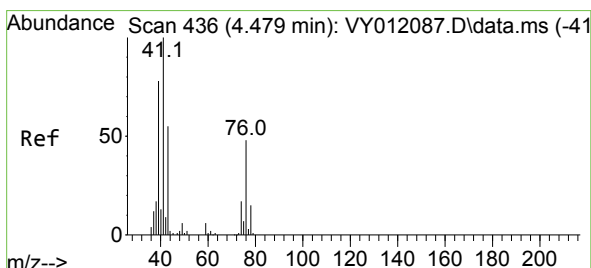
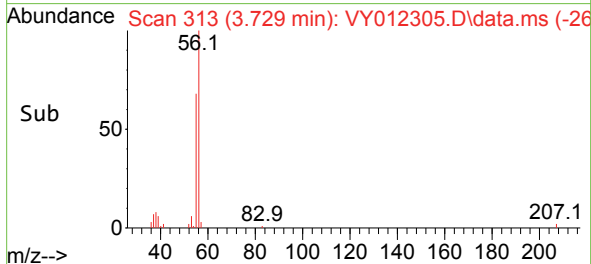
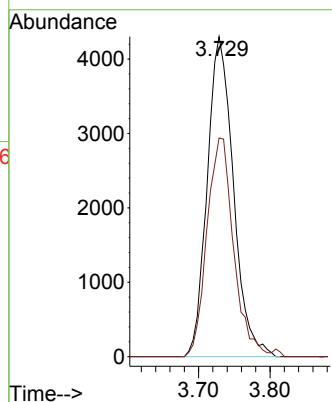
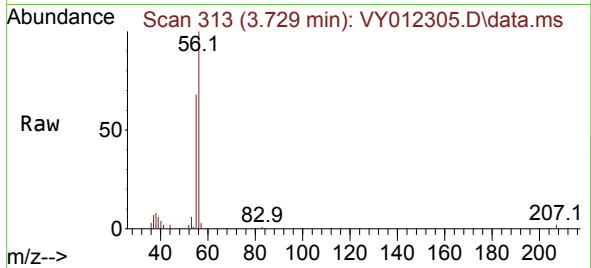




#13
Acrolein
Concen: 144.860 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

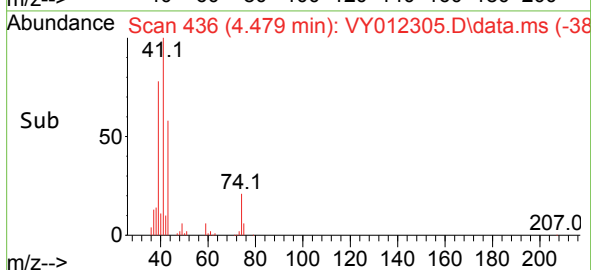
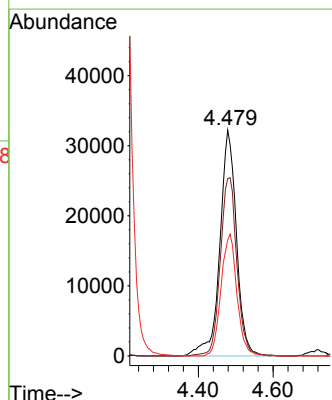
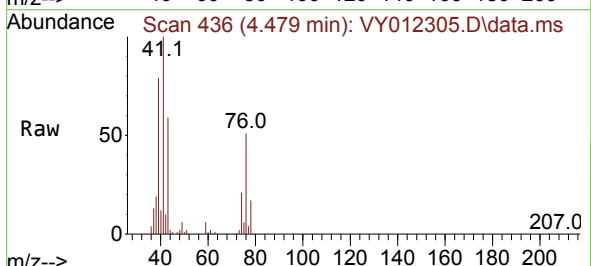
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

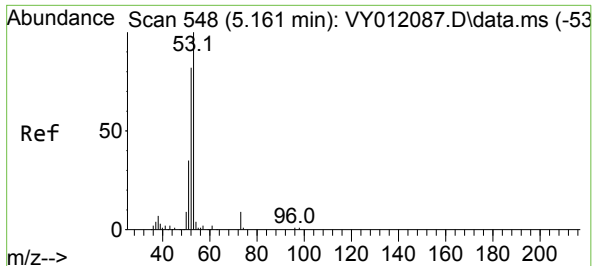
Tgt Ion: 56 Resp: 10946
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0



#14
Allyl chloride
Concen: 46.808 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 41 Resp: 99642
Ion Ratio Lower Upper
41 100
39 78.7 53.5 80.3
76 51.5 31.1 46.7#

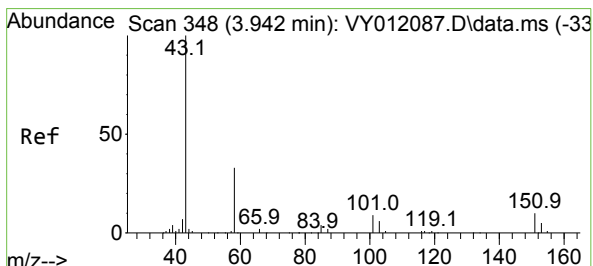
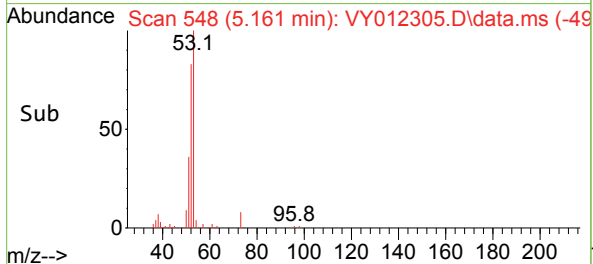
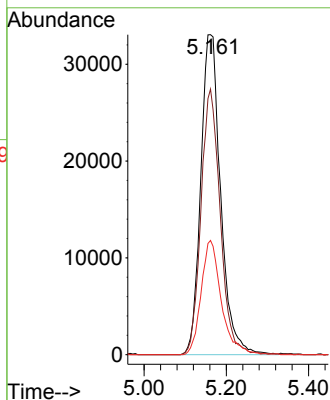
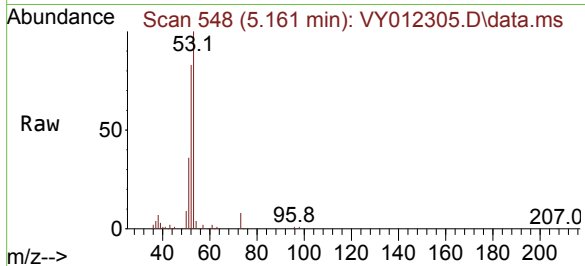




#15
Acrylonitrile
Concen: 248.433 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

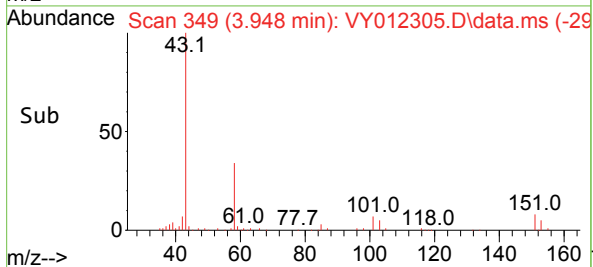
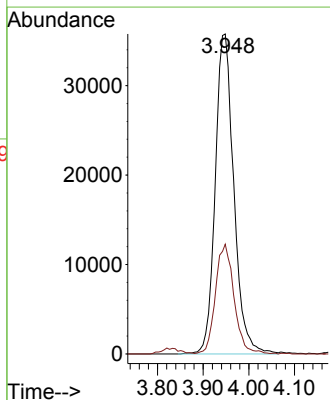
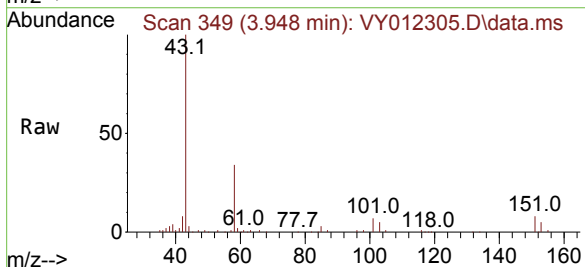
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

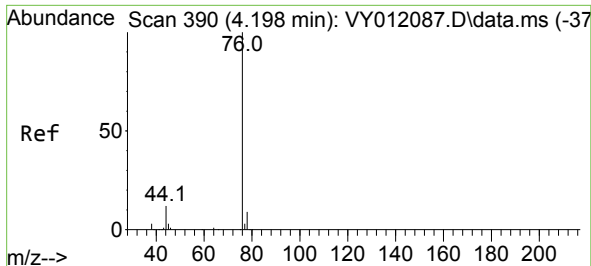
Tgt Ion: 53 Resp: 111241
Ion Ratio Lower Upper
53 100
52 80.3 65.1 97.7
51 36.4 28.7 43.1



#16
Acetone
Concen: 193.564 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 43 Resp: 101035
Ion Ratio Lower Upper
43 100
58 34.3 27.9 41.9

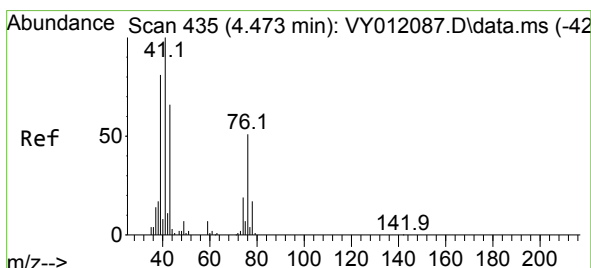
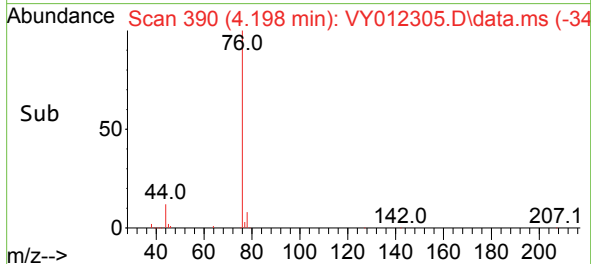
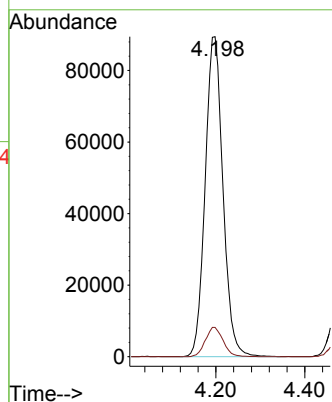
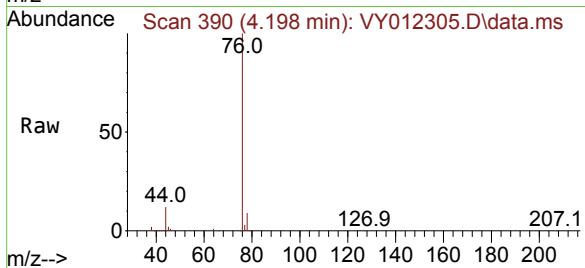




#17
Carbon Disulfide
Concen: 46.802 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

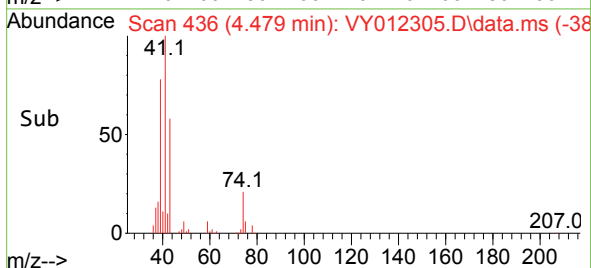
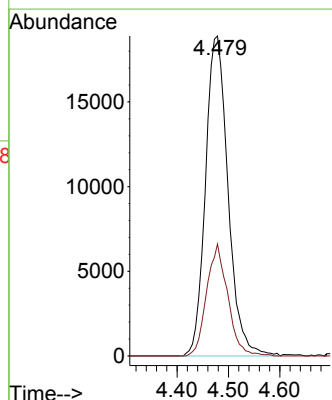
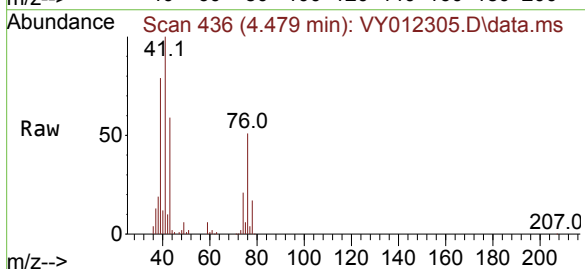
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

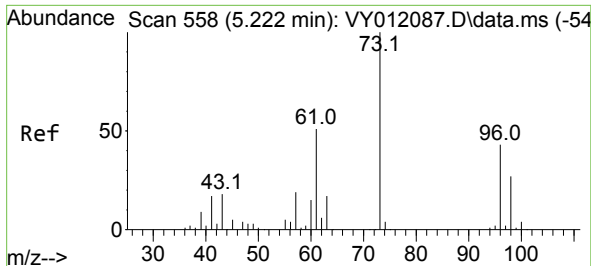
Tgt Ion: 76 Resp: 249232
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 49.304 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 43 Resp: 57587
Ion Ratio Lower Upper
43 100
74 32.8 20.1 30.1#

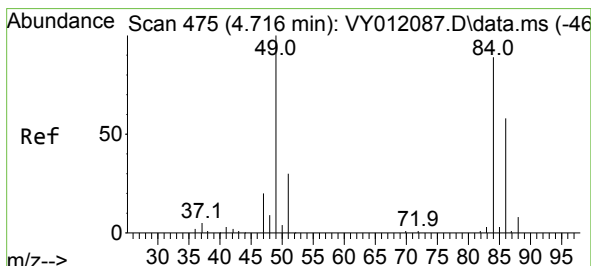
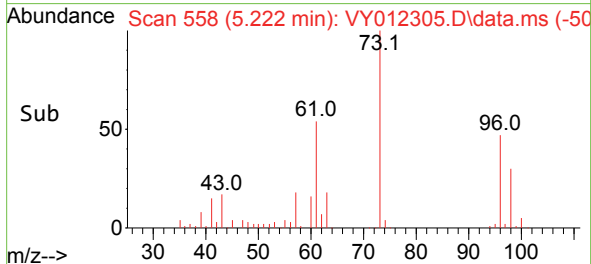
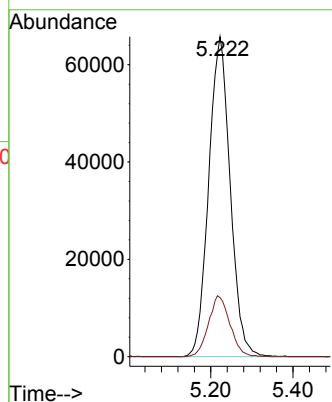
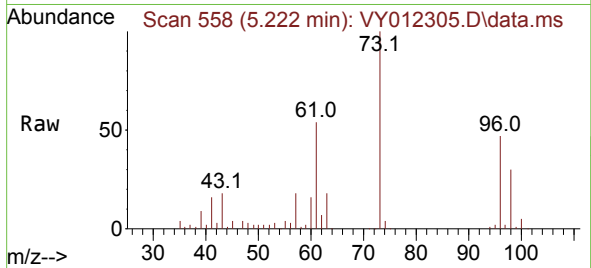




#19
Methyl tert-butyl Ether
Concen: 49.656 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

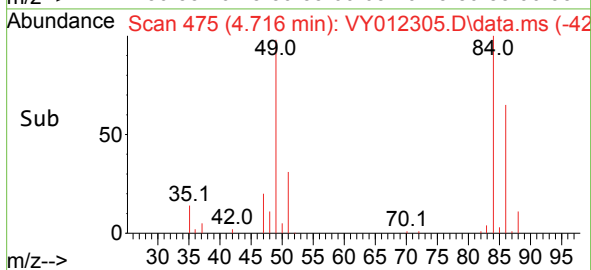
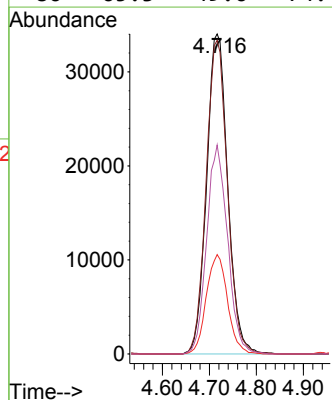
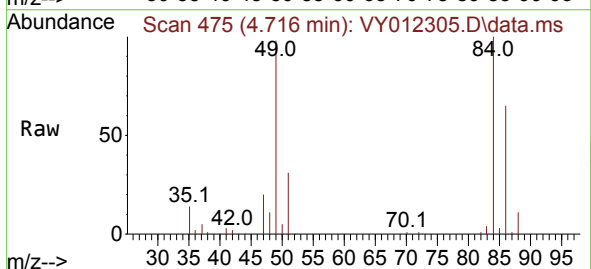
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

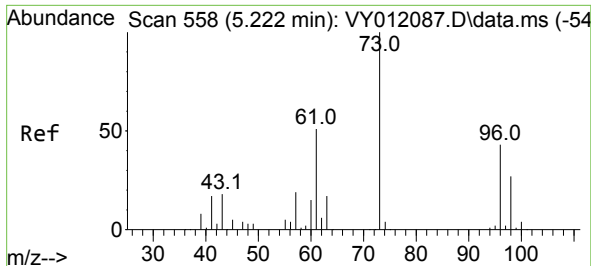
Tgt Ion: 73 Resp: 238310
Ion Ratio Lower Upper
73 100
57 18.5 17.4 26.0



#20
Methylene Chloride
Concen: 48.300 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 84 Resp: 106167
Ion Ratio Lower Upper
84 100
49 98.0 95.4 143.2
51 31.0 29.9 44.9
86 65.3 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 49.436 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

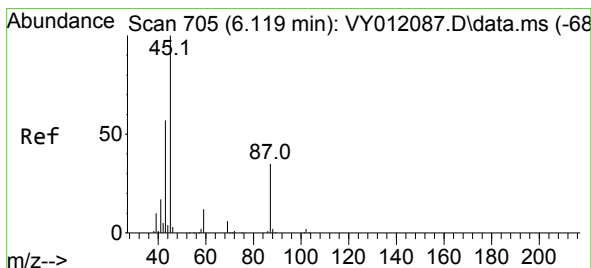
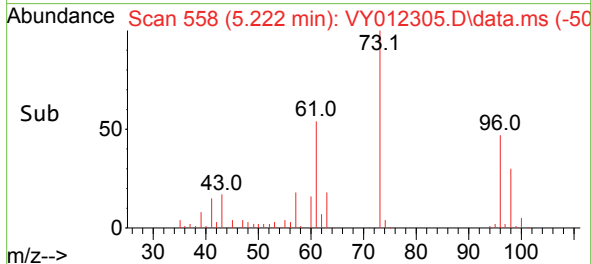
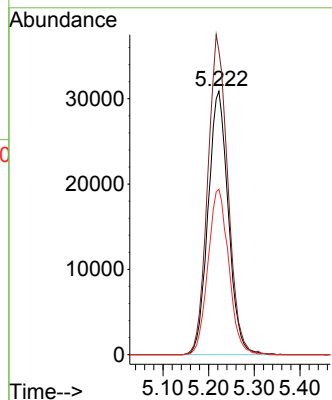
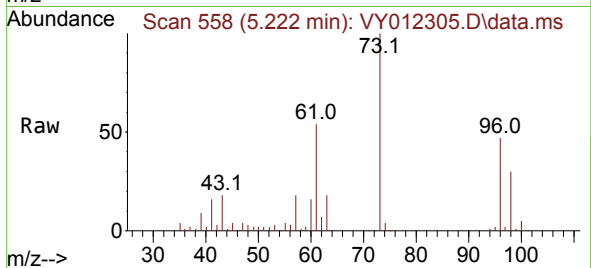
Tgt Ion: 96 Resp: 94977

Ion Ratio Lower Upper

96 100

61 115.2 108.0 162.0

98 62.8 51.6 77.4



#22

Diisopropyl ether

Concen: 49.202 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Tgt Ion: 45 Resp: 208813

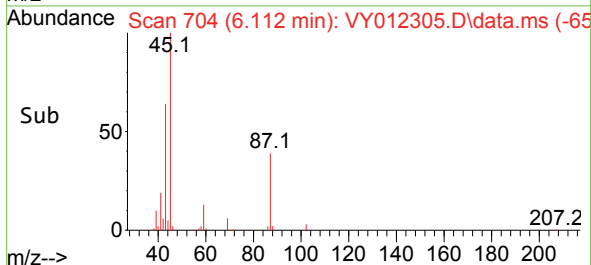
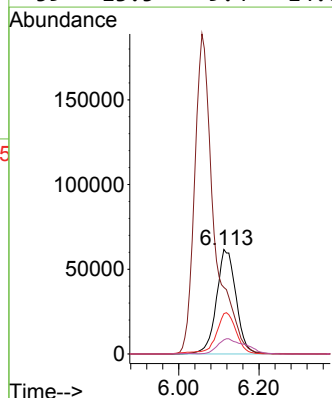
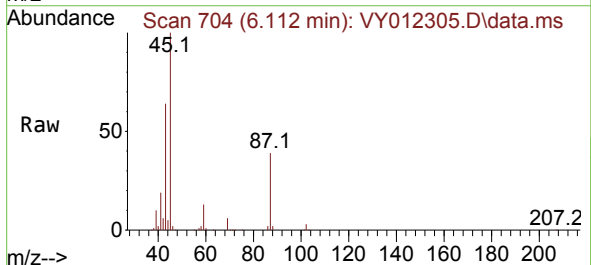
Ion Ratio Lower Upper

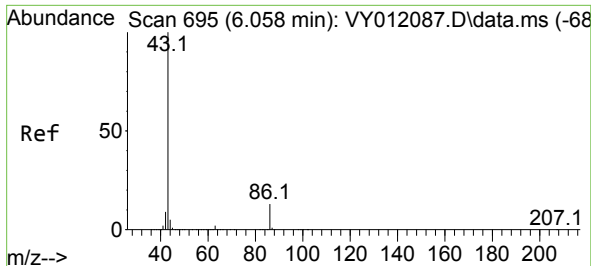
45 100

43 63.3 45.0 67.4

87 38.6 22.6 33.8#

59 13.5 9.4 14.0

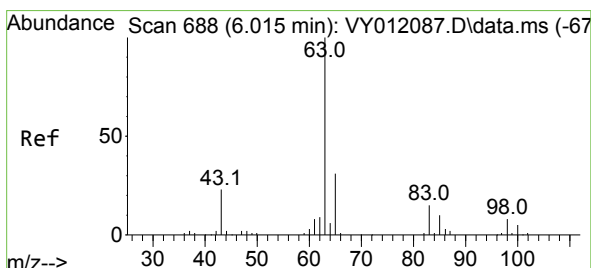
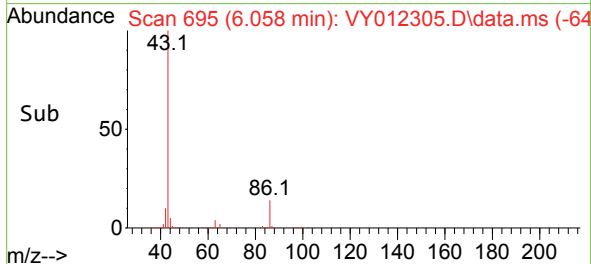
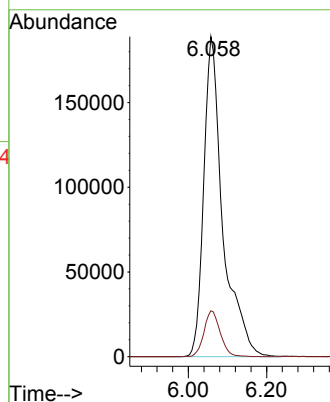
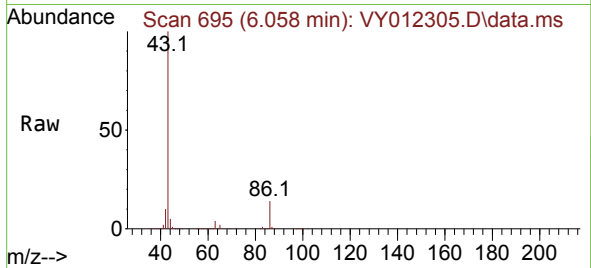




#23
 Vinyl Acetate
 Concen: 241.228 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

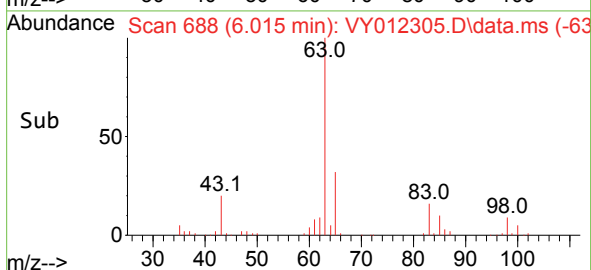
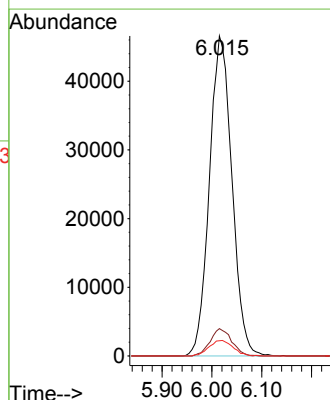
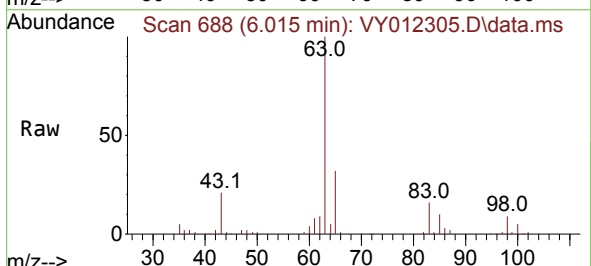
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

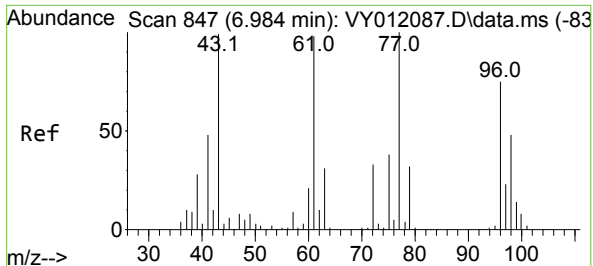
Tgt Ion: 43 Resp: 637939
 Ion Ratio Lower Upper
 43 100
 86 14.4 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 49.694 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

Tgt Ion: 63 Resp: 146283
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 222.754 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

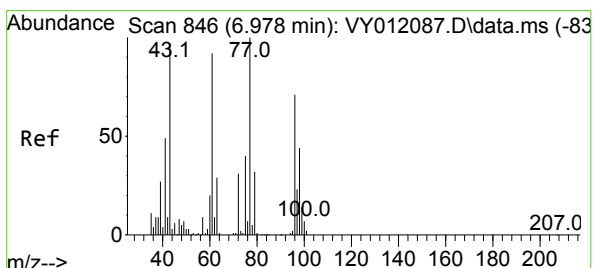
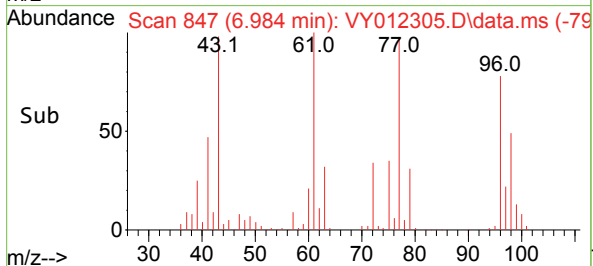
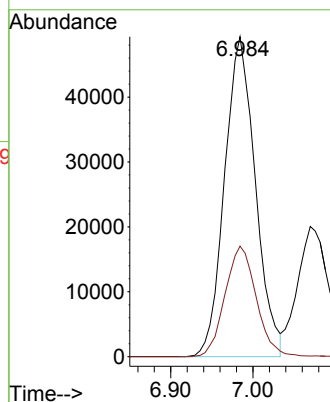
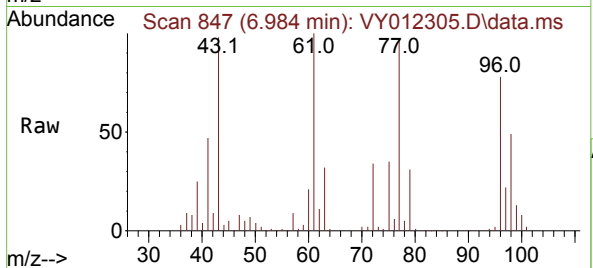
VSTDCCC050EC

Tgt Ion: 43 Resp: 128362

Ion Ratio Lower Upper

43 100

72 34.6 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 46.858 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012305.D

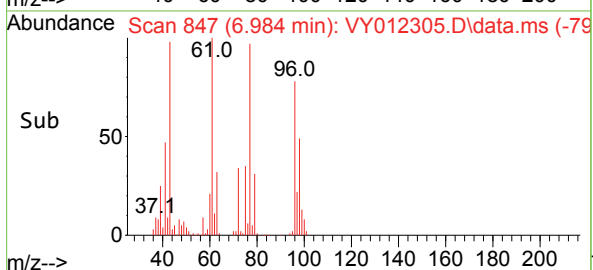
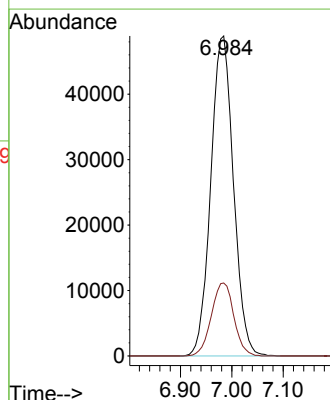
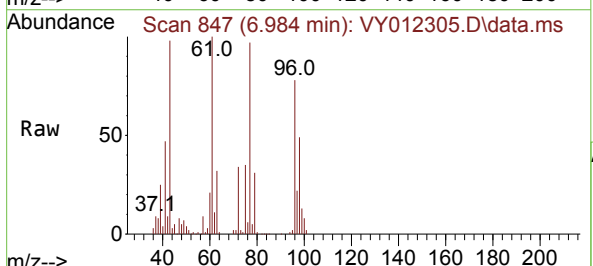
Acq: 20 Jan 2023 20:53

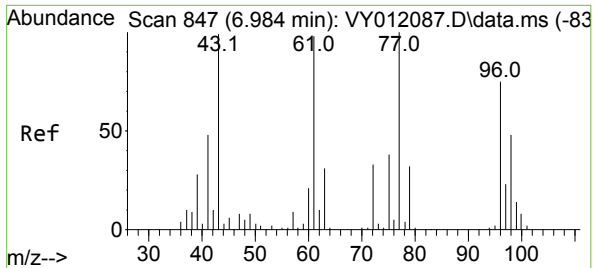
Tgt Ion: 77 Resp: 149736

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1

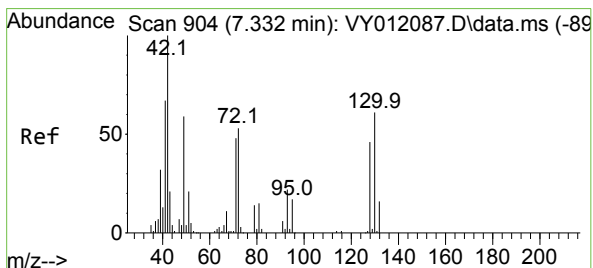
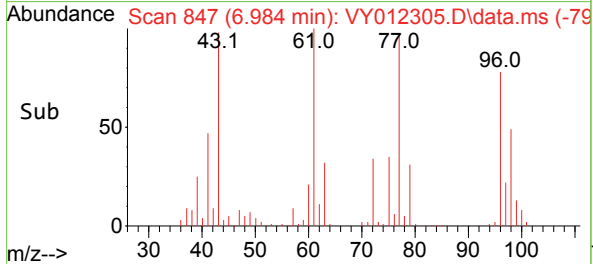
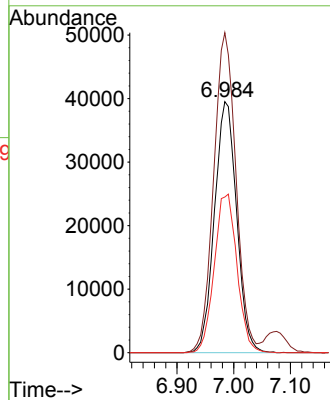
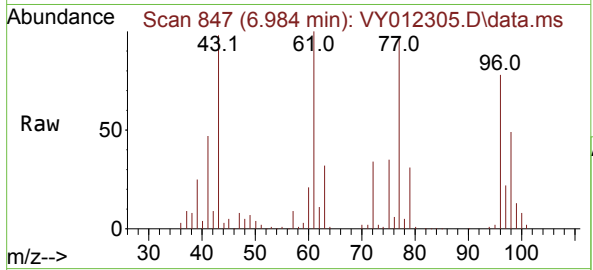




#27
 cis-1,2-Dichloroethene
 Concen: 50.898 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

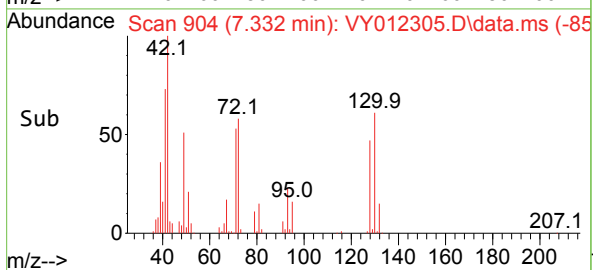
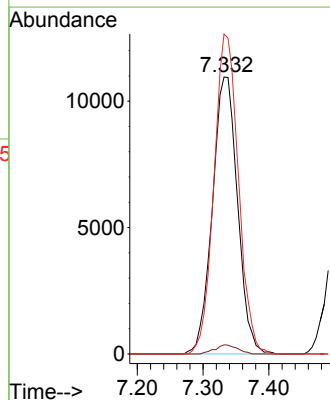
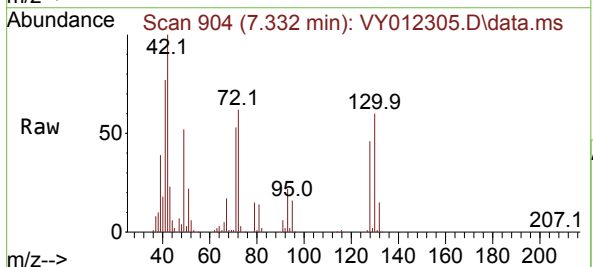
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

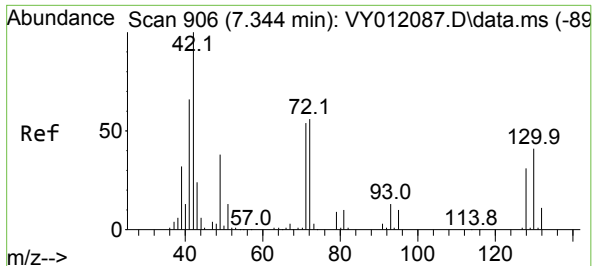
Tgt Ion: 96	Resp: 107411
Ion Ratio	Lower Upper
96 100	
61 128.0	0.0 283.4
98 64.7	0.0 127.6



#28
 Bromochloromethane
 Concen: 45.298 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

Tgt Ion: 49	Resp: 29121
Ion Ratio	Lower Upper
49 100	
129 3.0	0.0 4.6
130 112.3	66.7 100.1#





#29

Tetrahydrofuran

Concen: 246.521 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

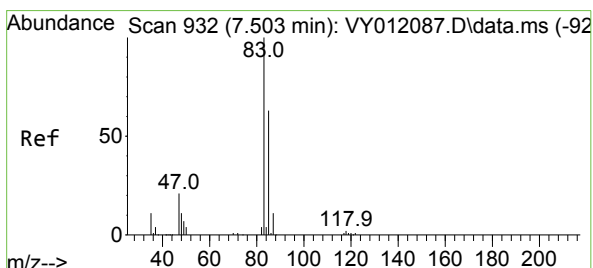
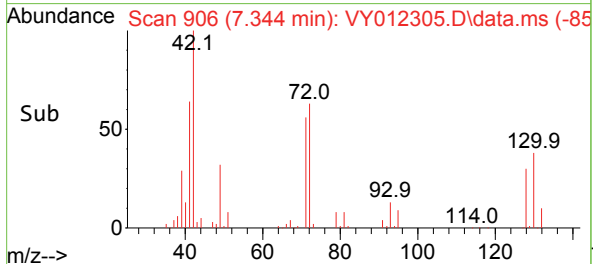
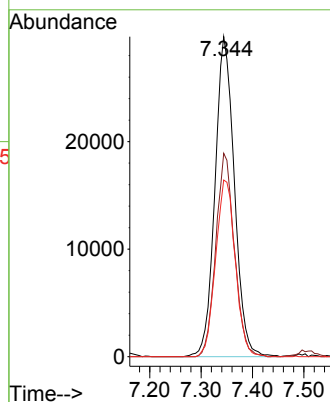
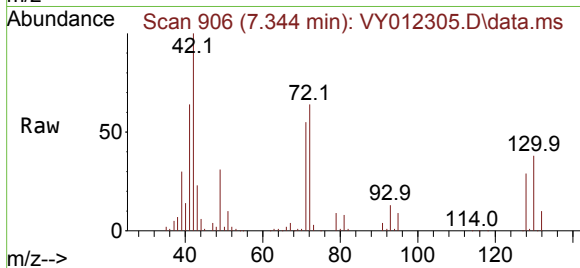
Tgt Ion: 42 Resp: 78031

Ion Ratio Lower Upper

42 100

72 60.8 37.0 55.6#

71 55.8 34.9 52.3#



#30

Chloroform

Concen: 50.769 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012305.D

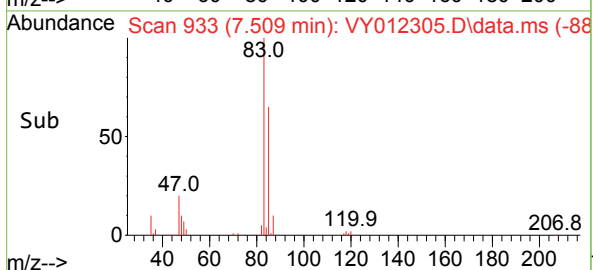
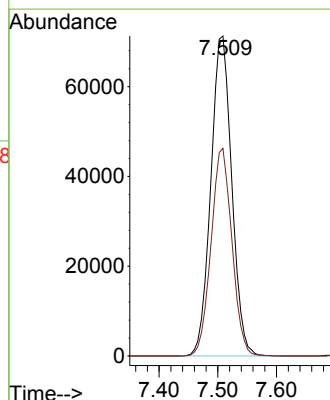
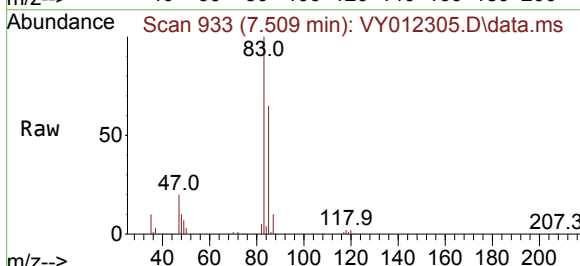
Acq: 20 Jan 2023 20:53

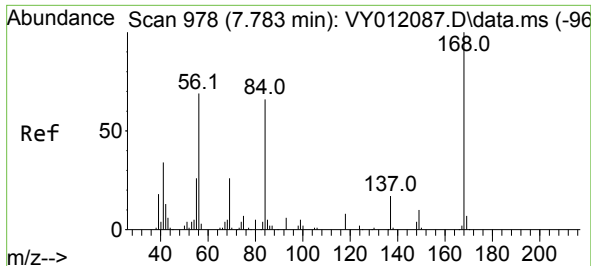
Tgt Ion: 83 Resp: 176417

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

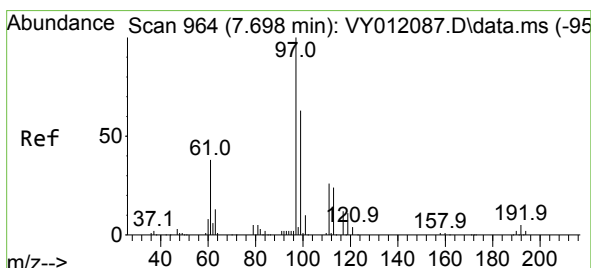
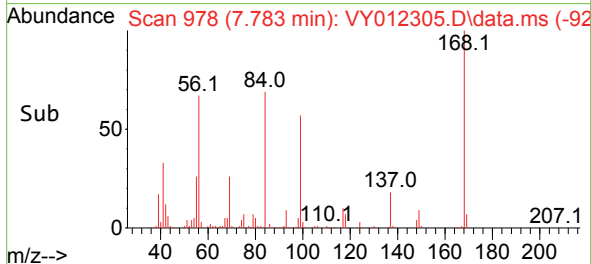
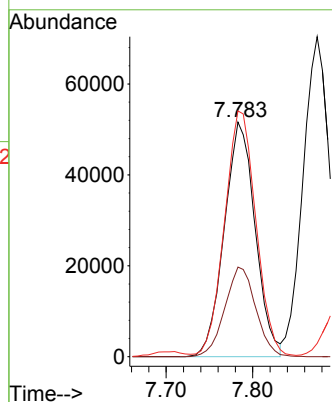
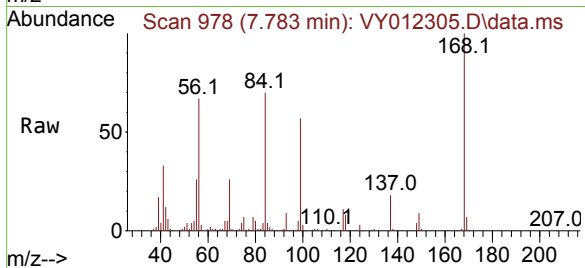




#31
Cyclohexane
Concen: 46.854 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

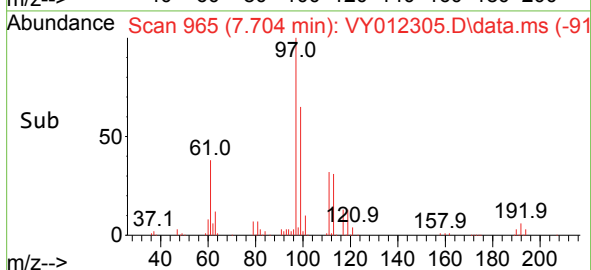
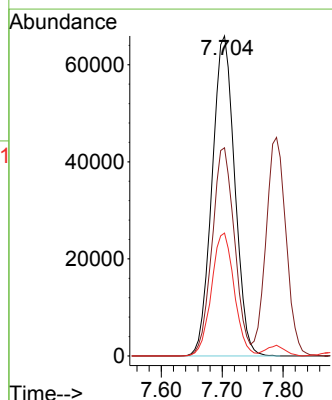
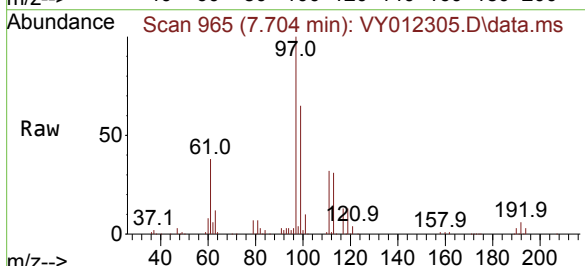
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

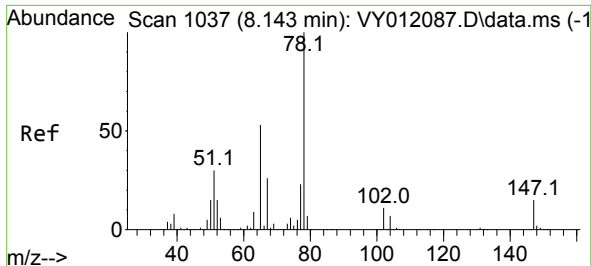
Tgt Ion: 56 Resp: 128057
Ion Ratio Lower Upper
56 100
69 38.2 29.2 43.8
84 103.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.549 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 97 Resp: 170454
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 38.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.786 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

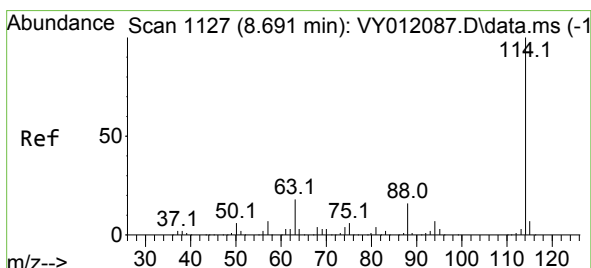
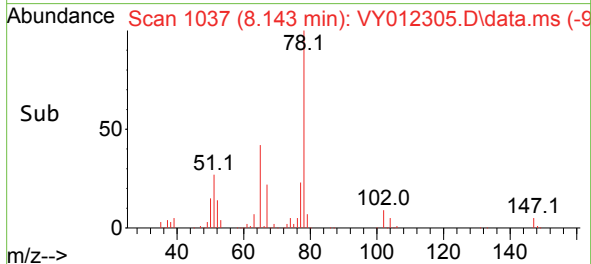
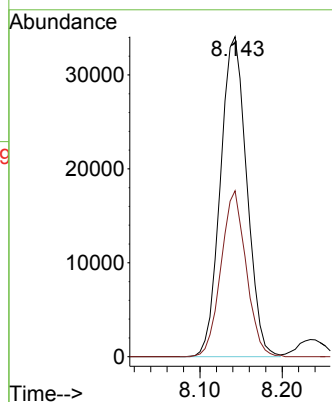
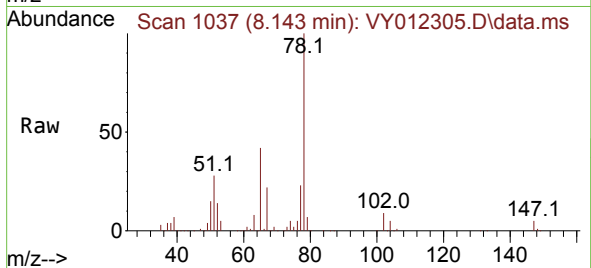
VSTDCCC050EC

Tgt Ion: 65 Resp: 75951

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

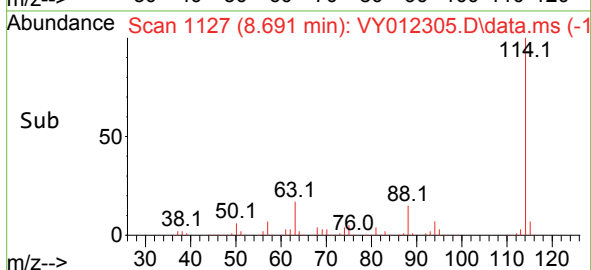
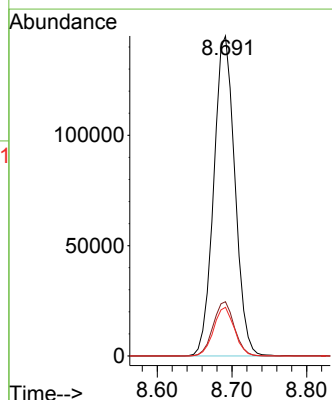
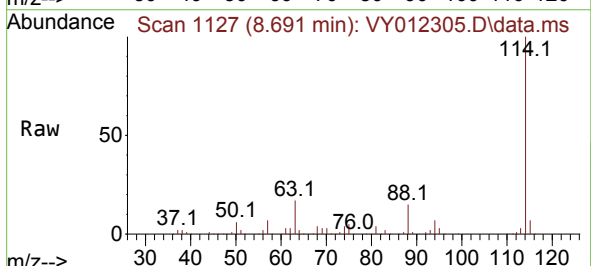
Tgt Ion: 114 Resp: 285080

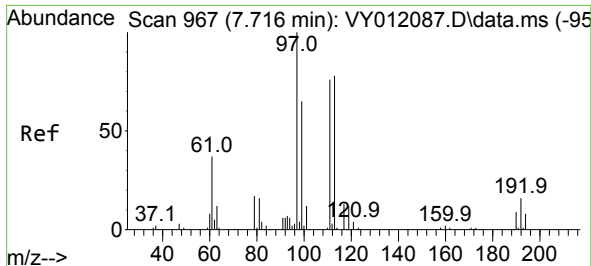
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 15.2 0.0 32.2

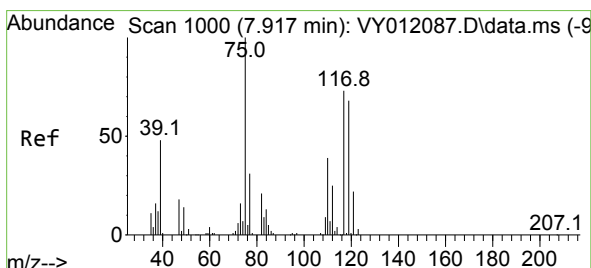
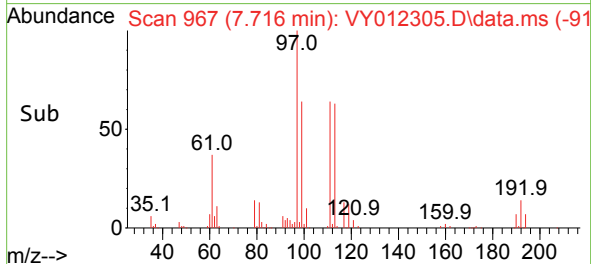
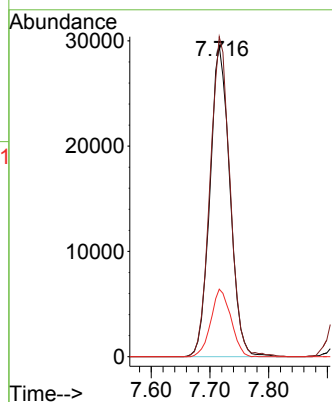
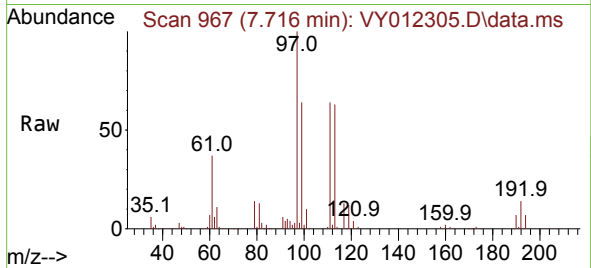




#35
Dibromofluoromethane
Concen: 45.989 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

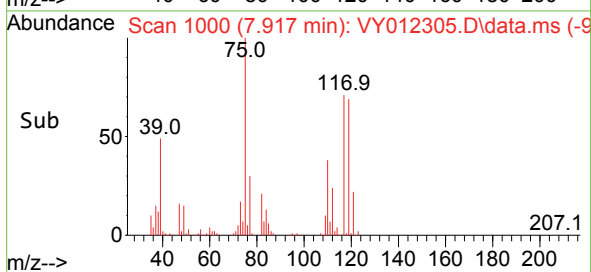
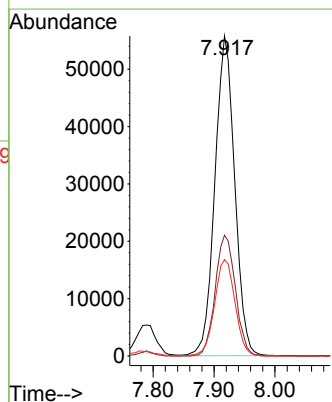
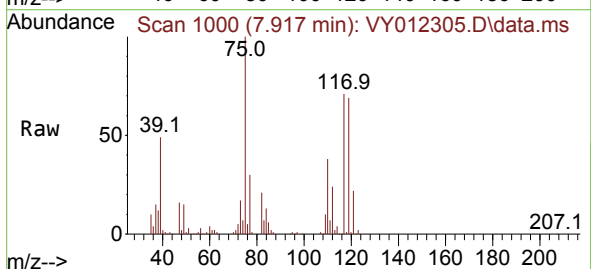
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

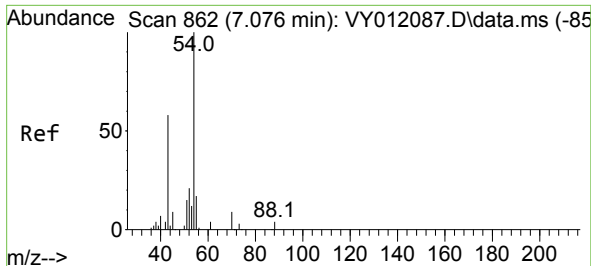
Tgt Ion:113 Resp: 69420
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 49.162 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 75 Resp: 126120
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.1
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 47.624 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

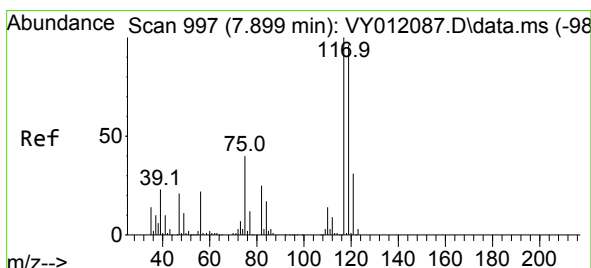
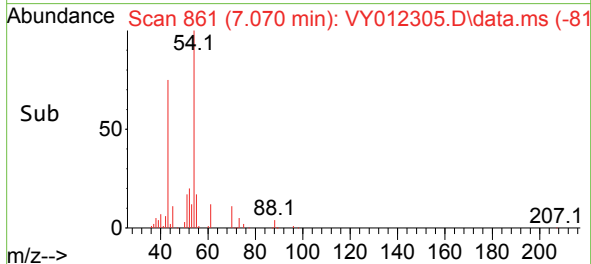
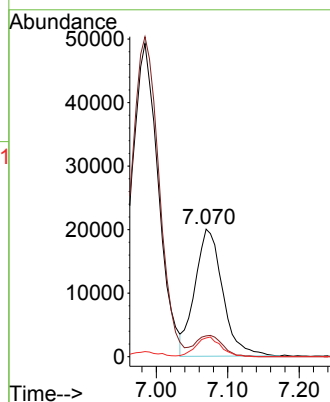
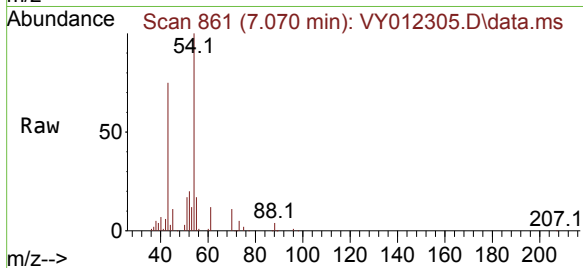
Tgt Ion: 43 Resp: 53860

Ion Ratio Lower Upper

43 100

61 16.0 11.3 16.9

70 14.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 49.821 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

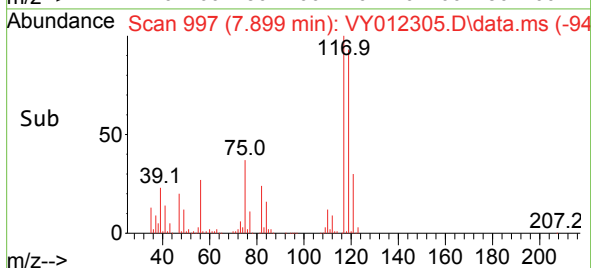
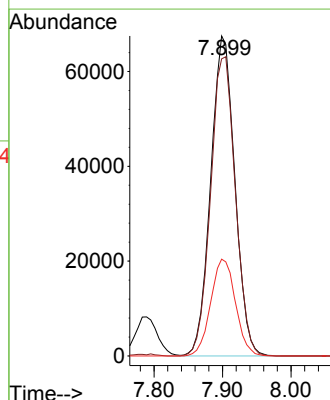
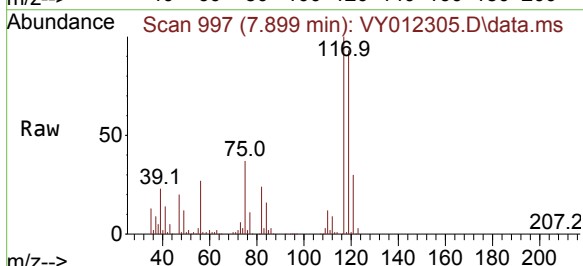
Tgt Ion: 117 Resp: 165071

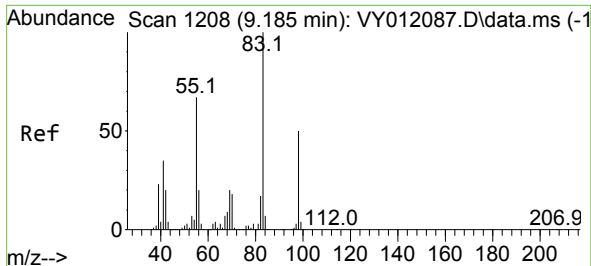
Ion Ratio Lower Upper

117 100

119 92.8 73.8 110.8

121 30.3 25.2 37.8





#39

Methylcyclohexane

Concen: 50.919 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

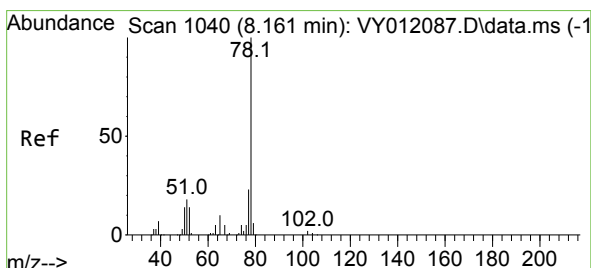
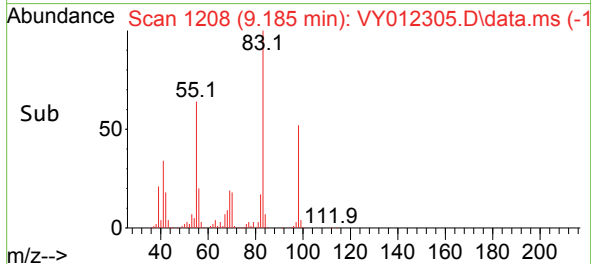
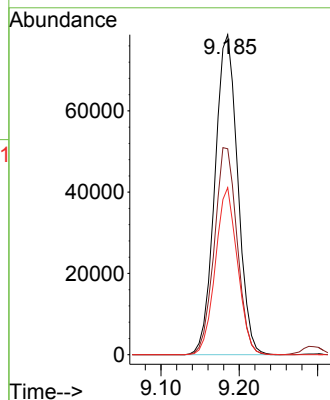
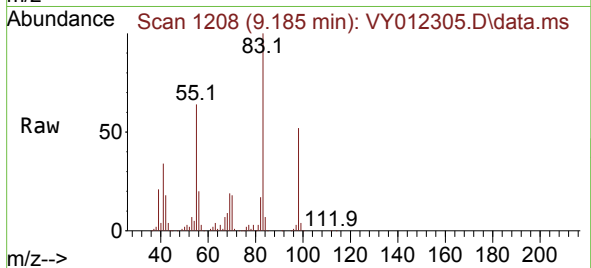
Tgt Ion: 83 Resp: 159634

Ion Ratio Lower Upper

83 100

55 64.3 58.2 87.2

98 52.2 38.6 58.0



#40

Benzene

Concen: 49.883 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012305.D

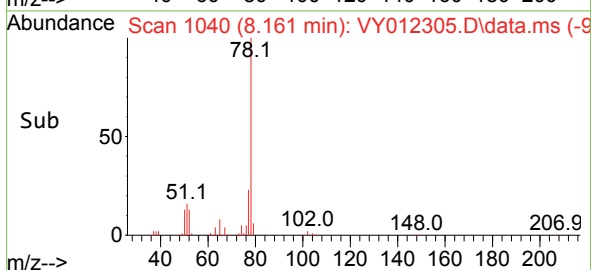
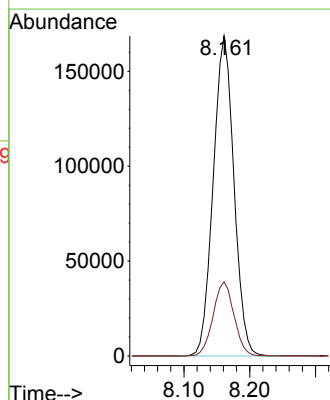
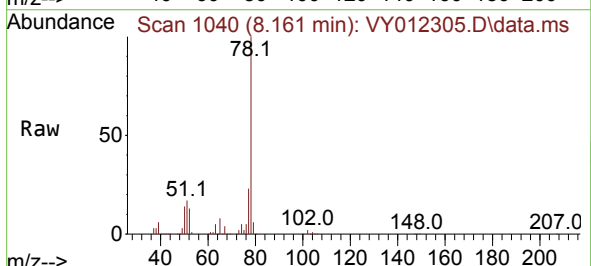
Acq: 20 Jan 2023 20:53

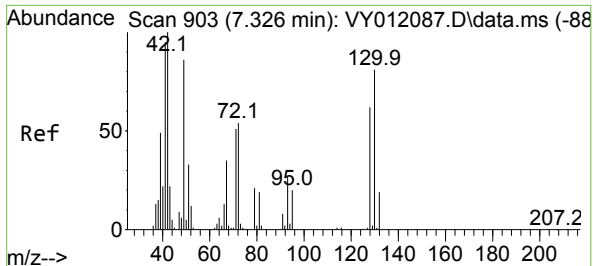
Tgt Ion: 78 Resp: 369353

Ion Ratio Lower Upper

78 100

77 23.1 18.6 27.8

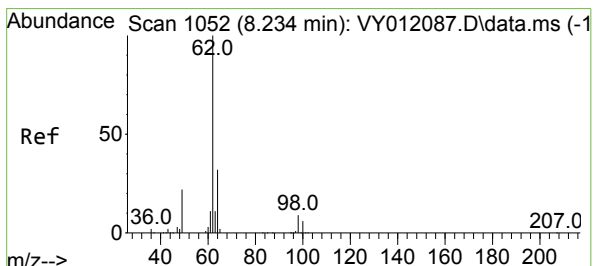
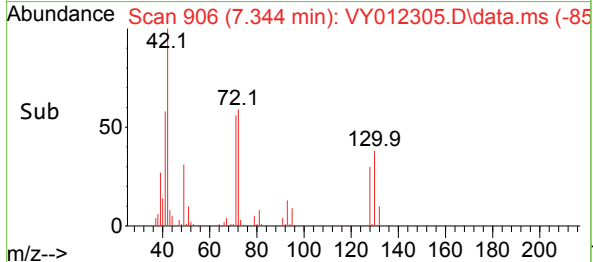
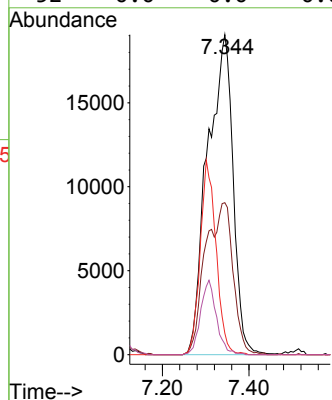
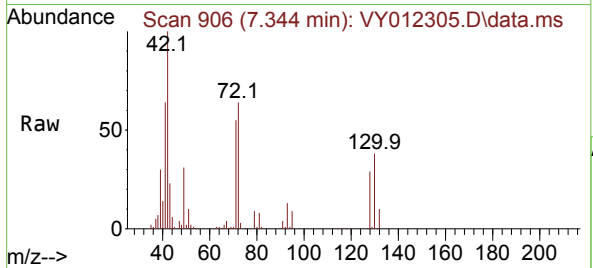




#41
Methacrylonitrile
Concen: 117.272 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

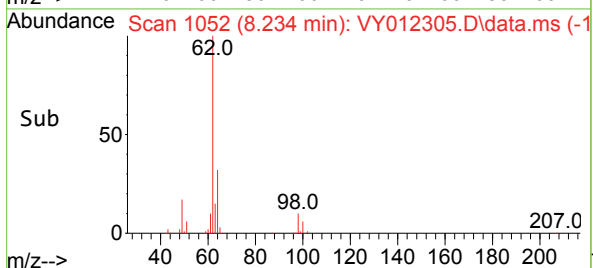
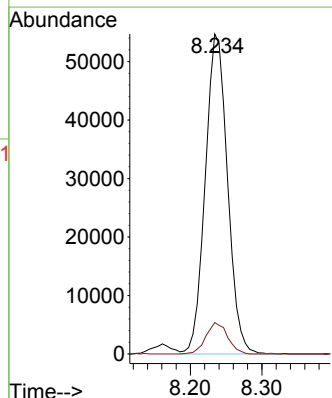
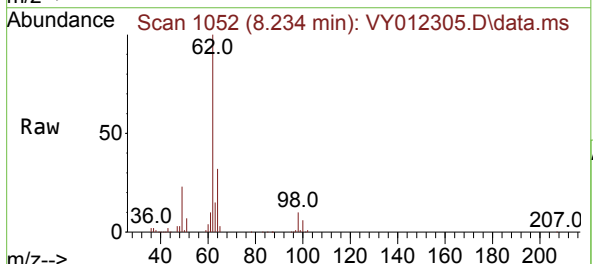
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

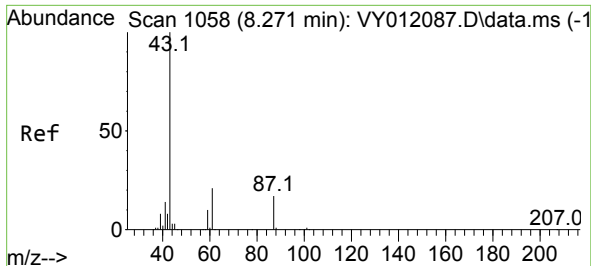
Tgt Ion:	41	Resp:	77958
Ion Ratio	Lower	Upper	
41	100		
39	26.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.214 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:	62	Resp:	118368
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	19.6

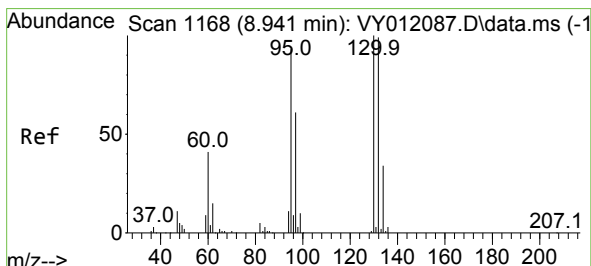
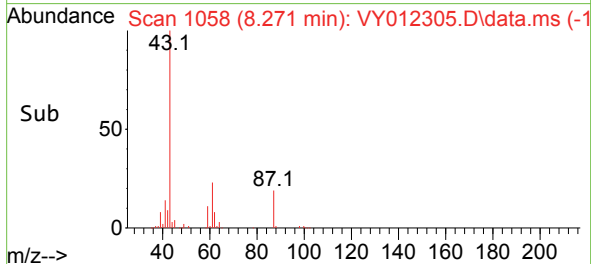
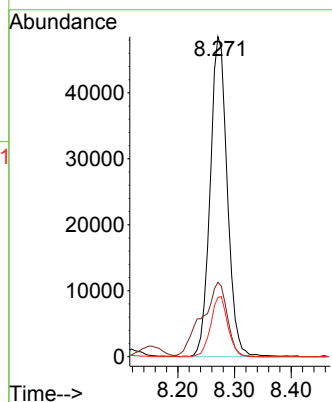
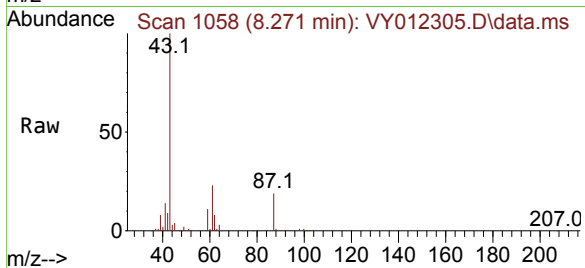




#43
Isopropyl Acetate
Concen: 48.313 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

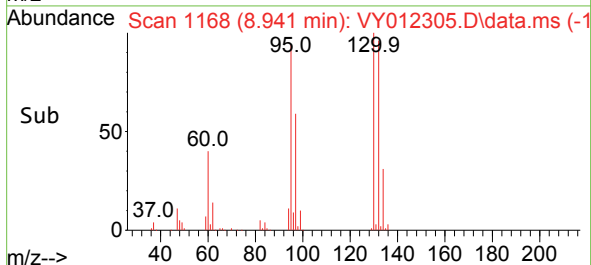
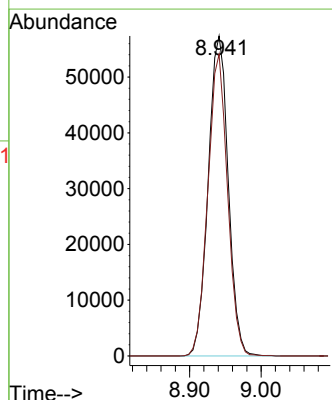
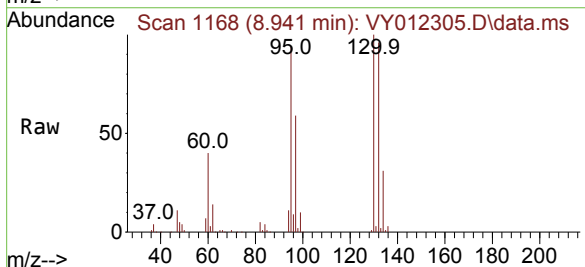
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

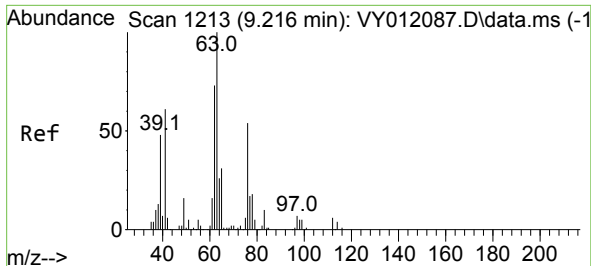
Tgt Ion: 43 Resp: 101656
Ion Ratio Lower Upper
43 100
61 34.2 24.4 36.6
87 18.8 11.4 17.2#



#44
Trichloroethene
Concen: 50.463 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:130 Resp: 111681
Ion Ratio Lower Upper
130 100
95 94.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.787 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

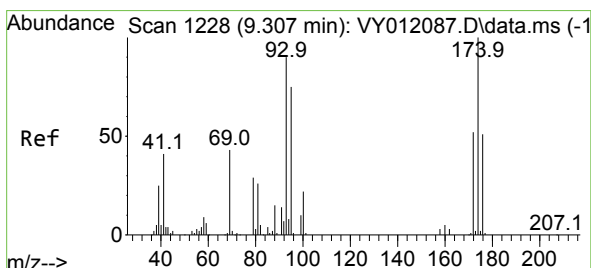
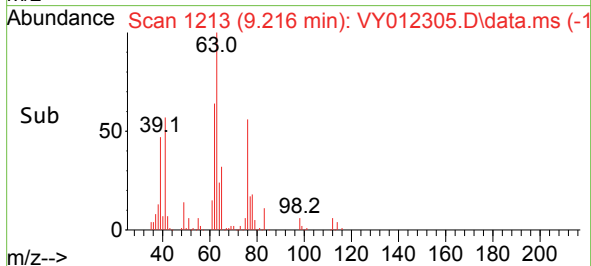
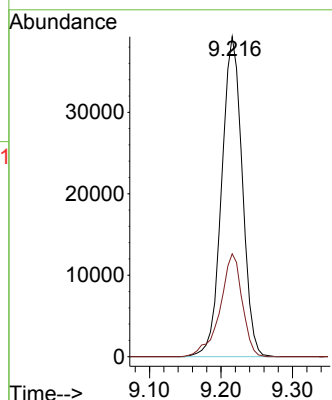
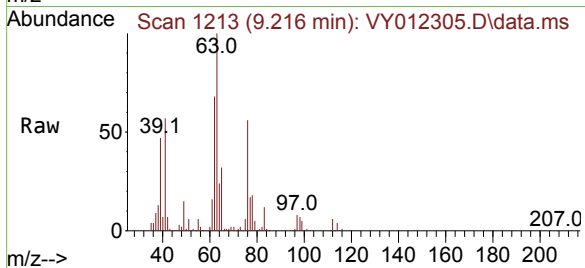
VSTDCCC050EC

Tgt Ion: 63 Resp: 78467

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 51.374 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

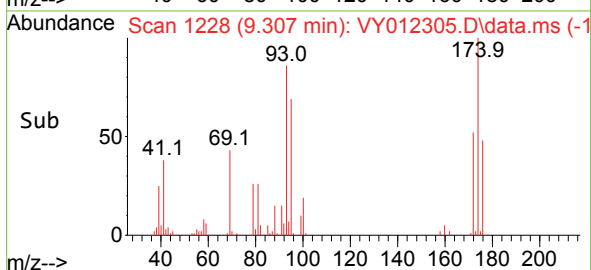
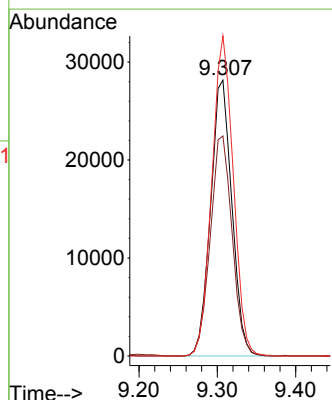
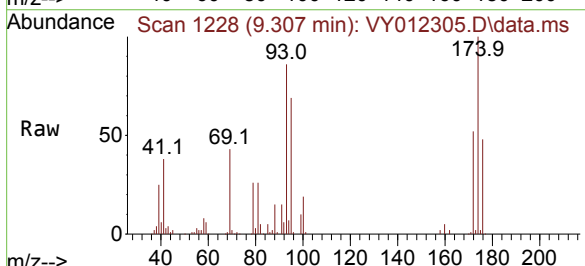
Tgt Ion: 93 Resp: 53138

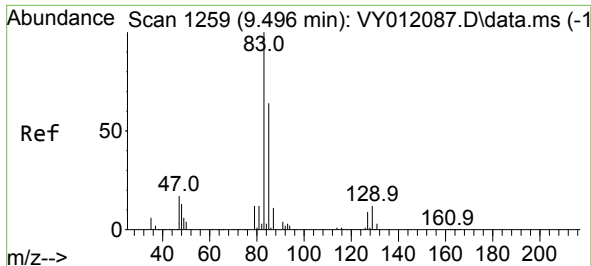
Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 116.8 84.7 127.1

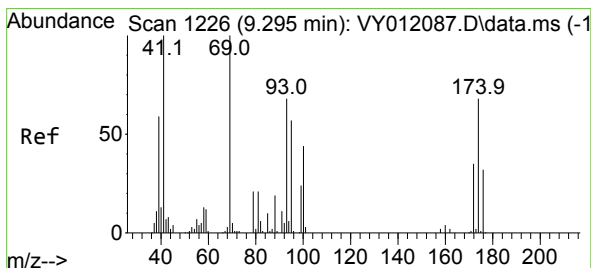
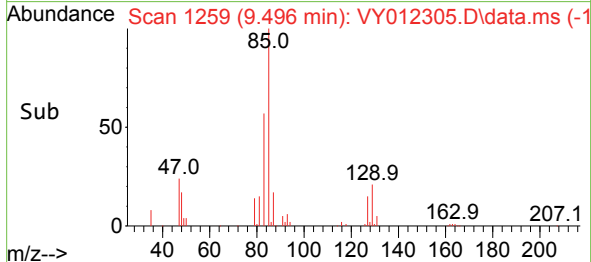
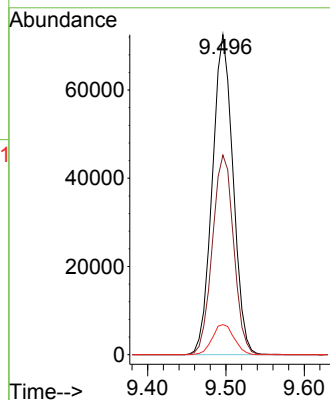
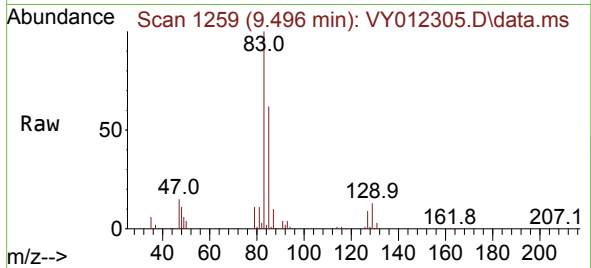




#47
Bromodichloromethane
Concen: 51.282 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

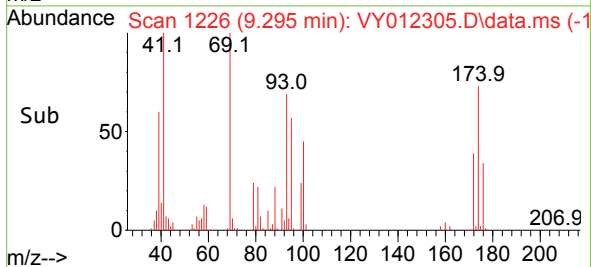
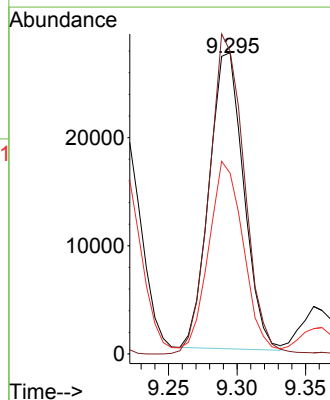
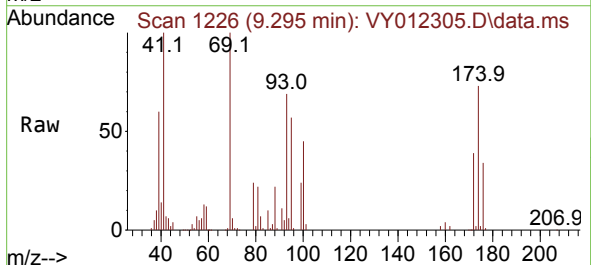
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

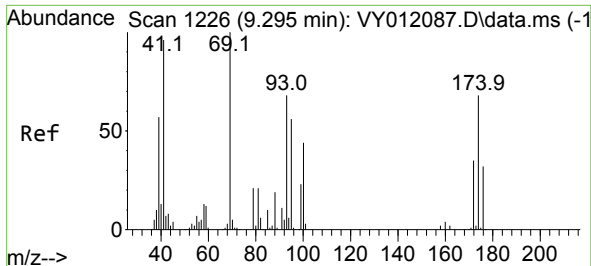
Tgt Ion: 83 Resp: 133520
Ion Ratio Lower Upper
83 100
85 62.4 52.0 78.0
127 9.4 7.3 10.9



#48
Methyl methacrylate
Concen: 49.632 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 41 Resp: 48117
Ion Ratio Lower Upper
41 100
69 109.5 74.2 111.2
39 62.3 46.3 69.5





#49

1,4-Dioxane

Concen: 1035.975 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

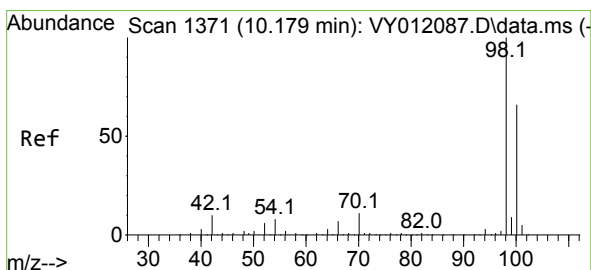
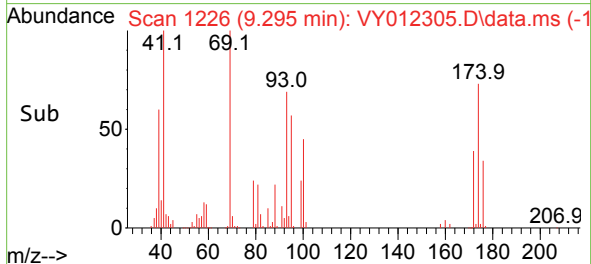
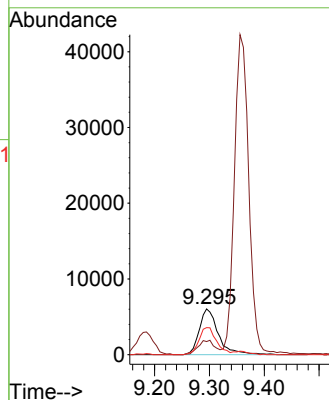
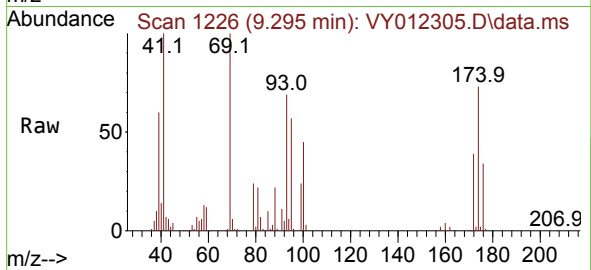
Tgt Ion: 88 Resp: 14601

Ion Ratio Lower Upper

88 100

43 27.5 26.2 39.2

58 56.1 54.3 81.5



#50

Toluene-d8

Concen: 48.694 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012305.D

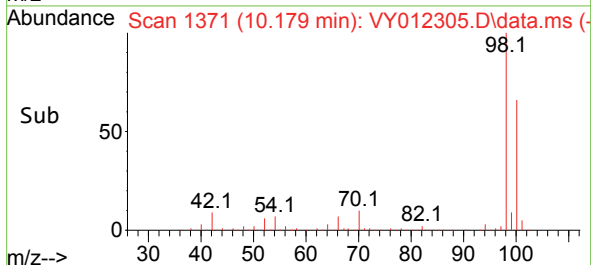
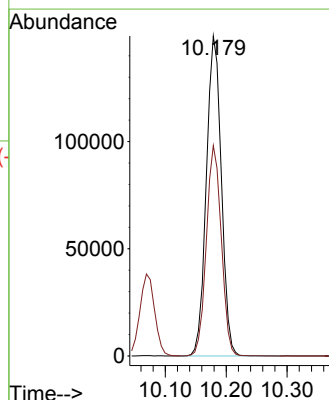
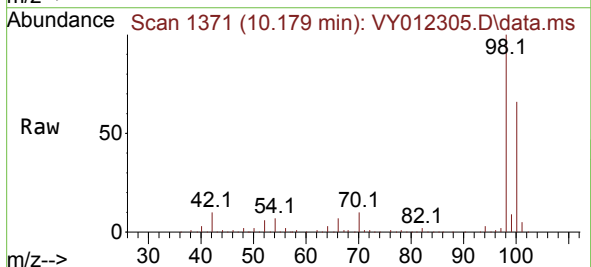
Acq: 20 Jan 2023 20:53

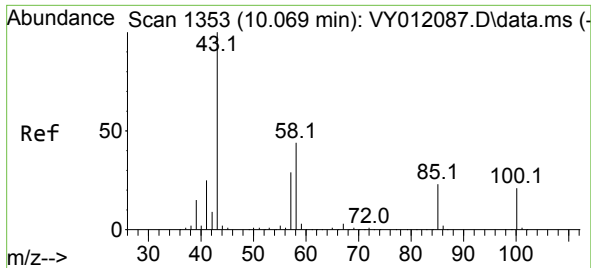
Tgt Ion: 98 Resp: 255266

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9

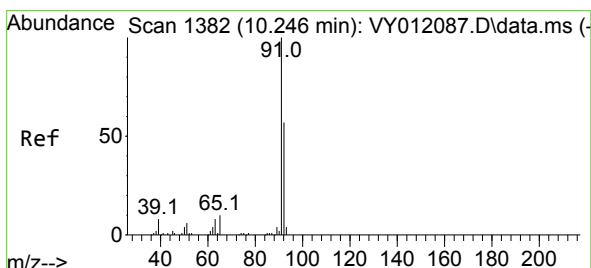
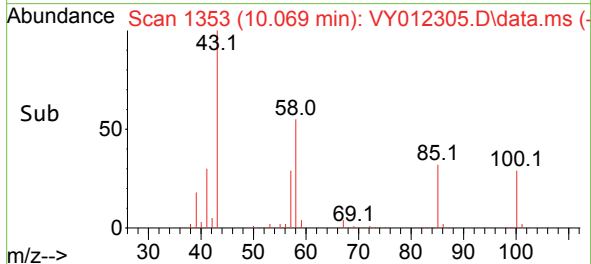
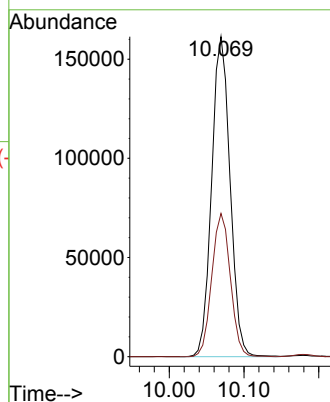
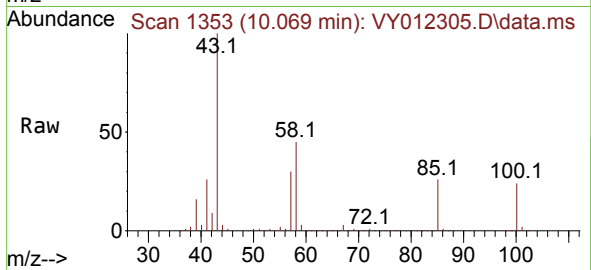




#51
4-Methyl-2-Pentanone
Concen: 247.019 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

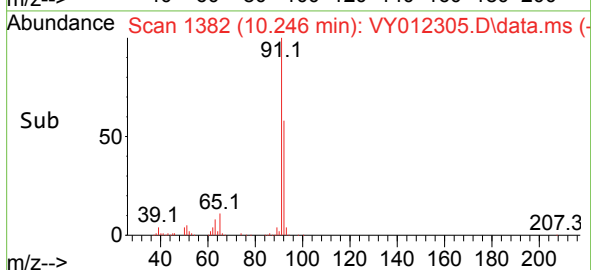
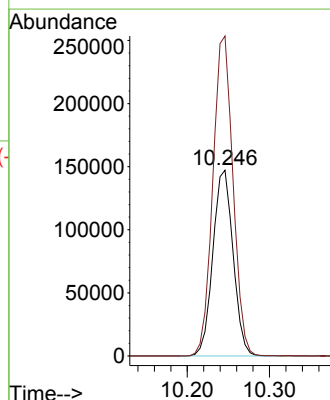
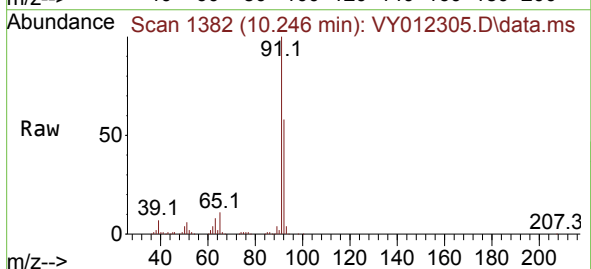
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

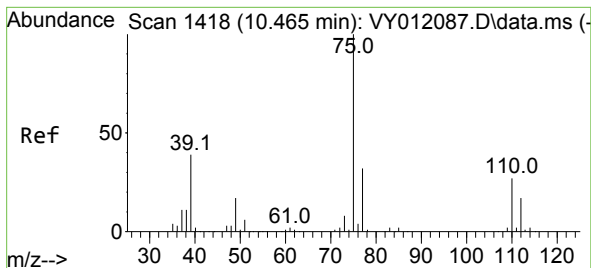
Tgt Ion: 43 Resp: 277147
Ion Ratio Lower Upper
43 100
58 45.1 32.9 49.3



#52
Toluene
Concen: 50.885 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 92 Resp: 250865
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

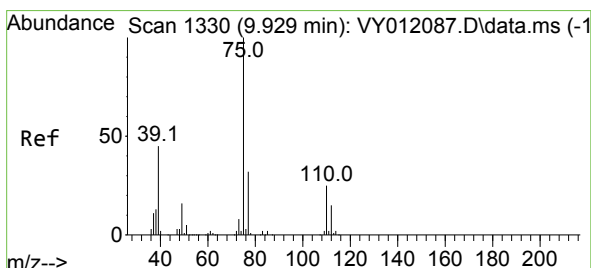
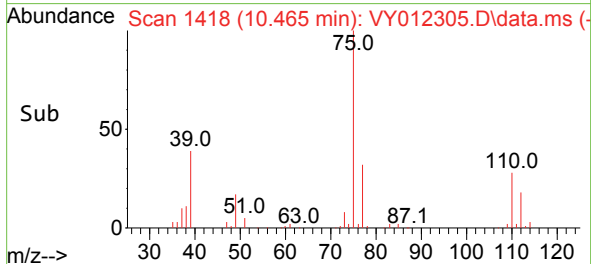
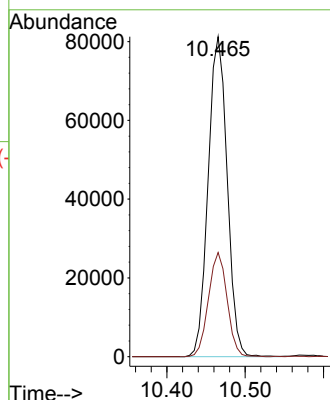
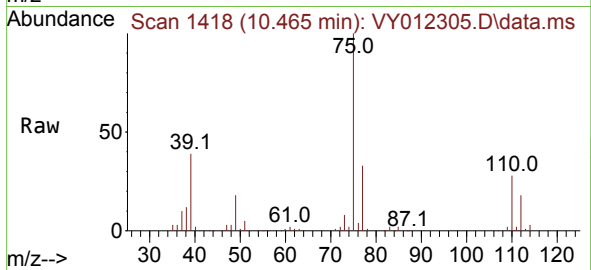




#53
 t-1,3-Dichloropropene
 Concen: 50.348 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

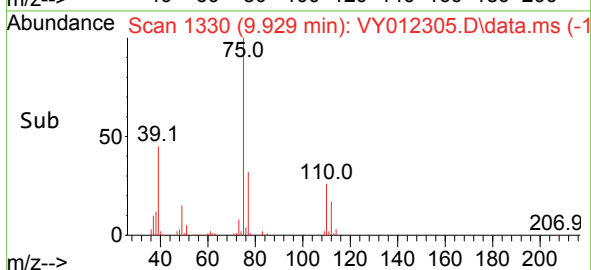
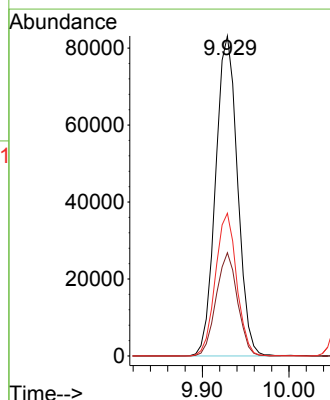
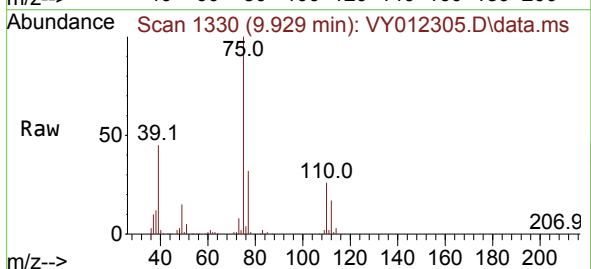
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

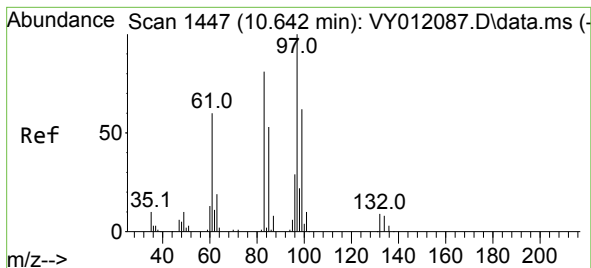
Tgt Ion: 75 Resp: 137117
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.813 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

Tgt Ion: 75 Resp: 146100
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.9 38.9
 39 44.6 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 50.608 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 74370

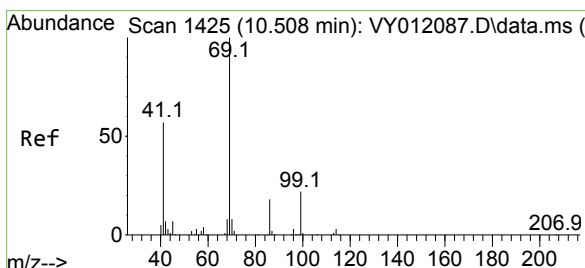
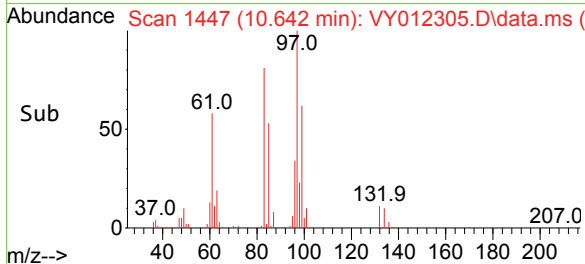
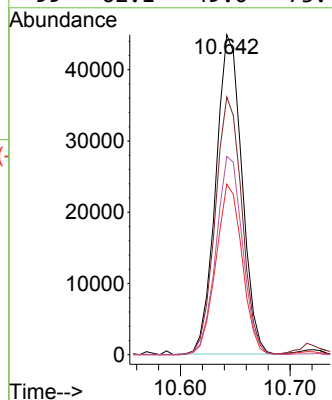
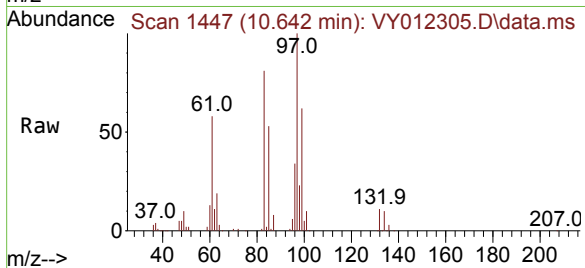
Ion Ratio Lower Upper

97 100

83 80.7 67.7 101.5

85 53.4 43.8 65.8

99 62.1 49.0 73.4



#56

Ethyl methacrylate

Concen: 52.236 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

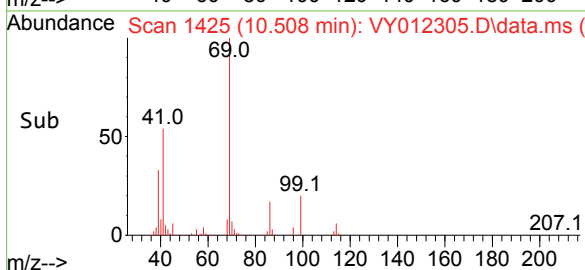
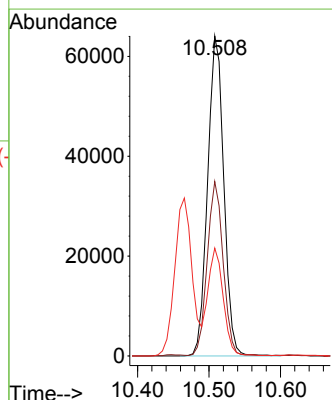
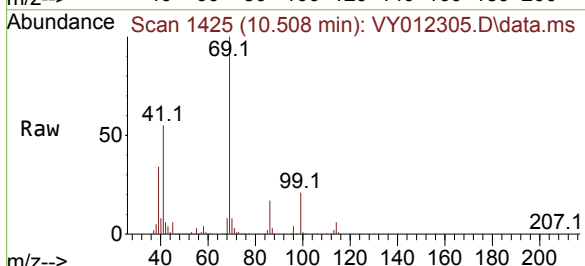
Tgt Ion: 69 Resp: 100707

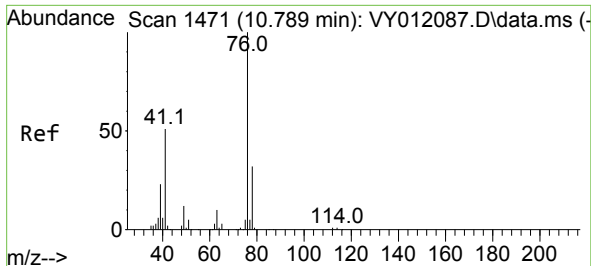
Ion Ratio Lower Upper

69 100

41 53.2 48.9 73.3

39 31.5 25.9 38.9





#57

1,3-Dichloropropane

Concen: 51.169 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

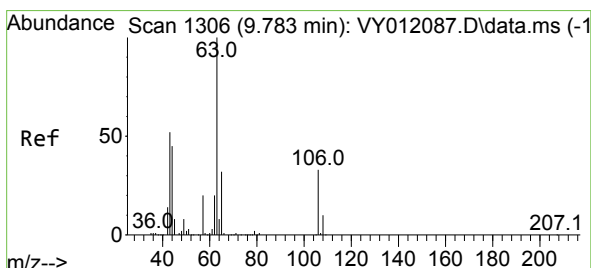
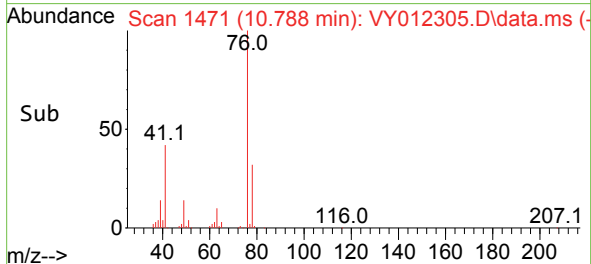
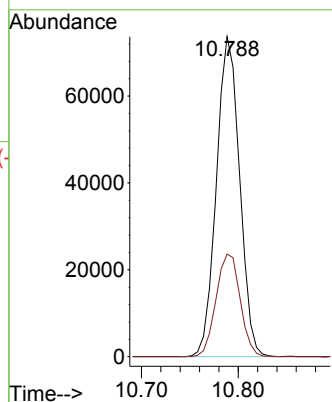
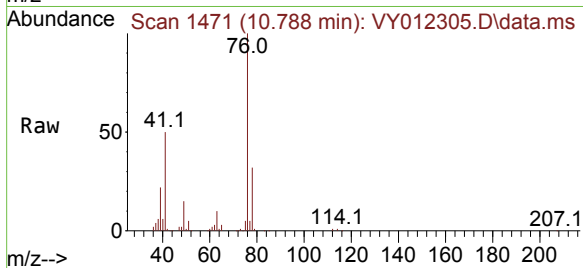
VSTDCCC050EC

Tgt Ion: 76 Resp: 122805

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 231.810 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012305.D

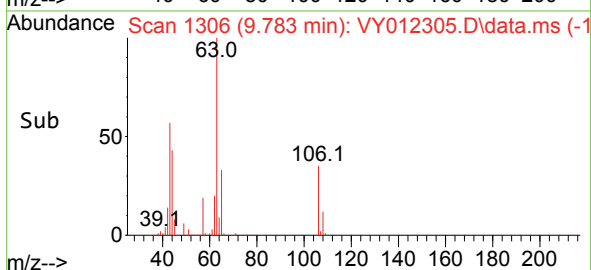
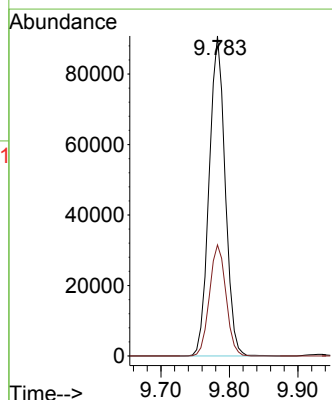
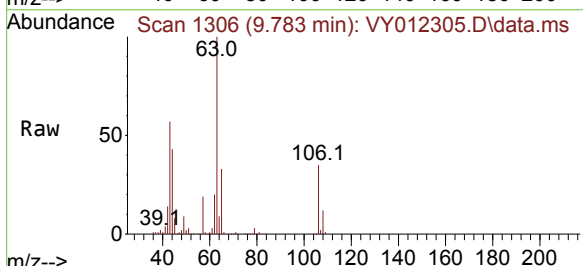
Acq: 20 Jan 2023 20:53

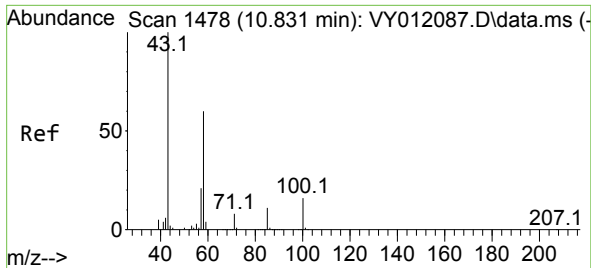
Tgt Ion: 63 Resp: 147878

Ion Ratio Lower Upper

63 100

106 35.6 23.2 34.8#

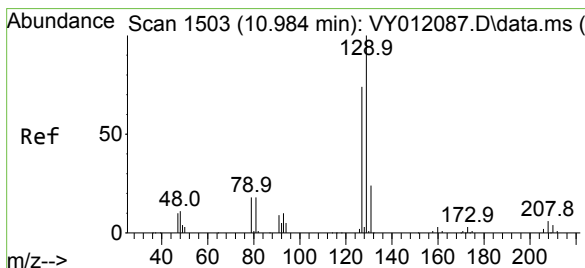
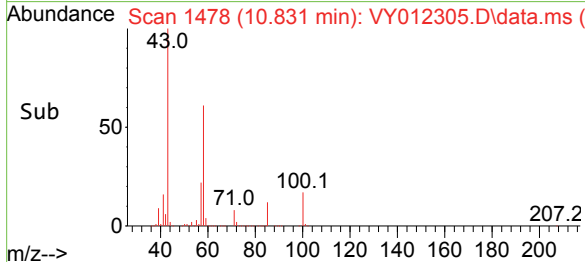
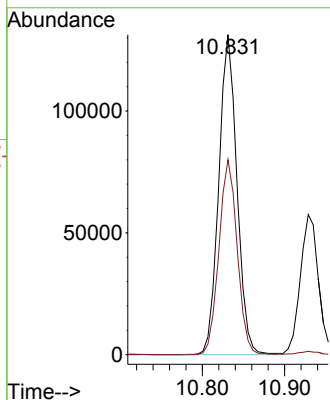
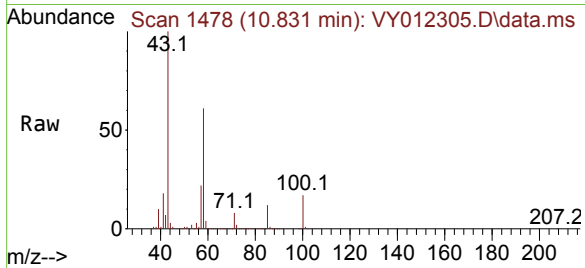




#59
2-Hexanone
Concen: 235.941 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

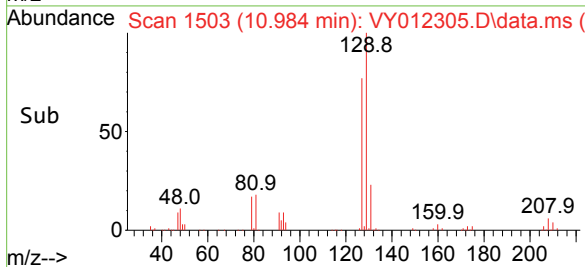
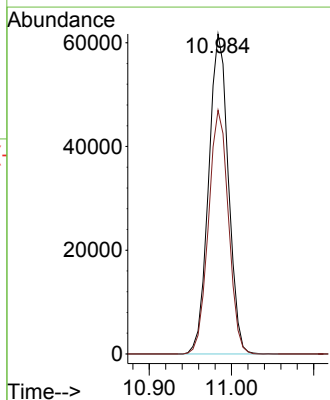
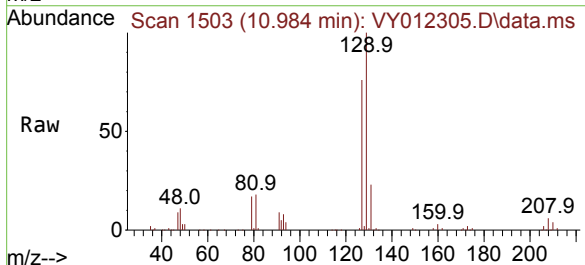
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

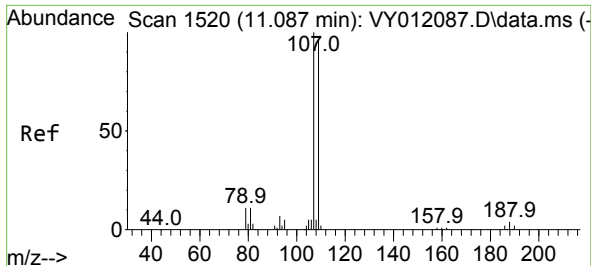
Tgt Ion: 43 Resp: 201543
Ion Ratio Lower Upper
43 100
58 61.3 28.4 85.2



#60
Dibromochloromethane
Concen: 52.721 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 129 Resp: 102759
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

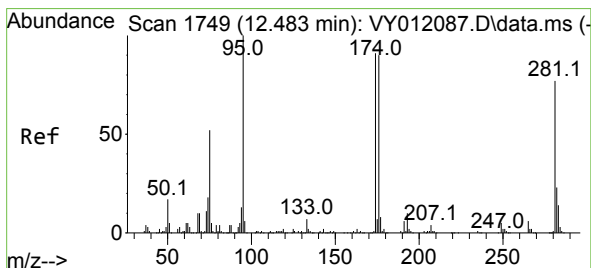
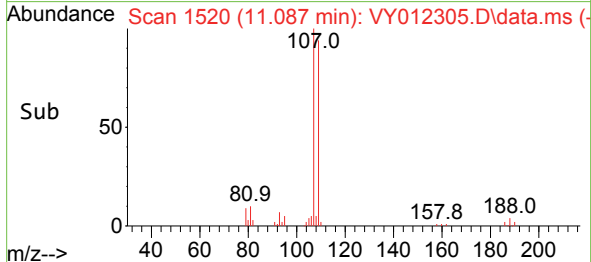
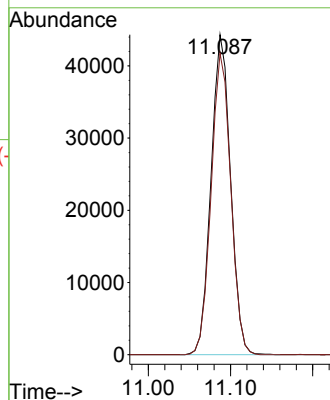
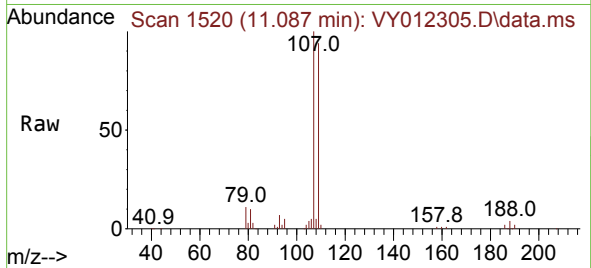




#61
1,2-Dibromoethane
Concen: 51.536 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

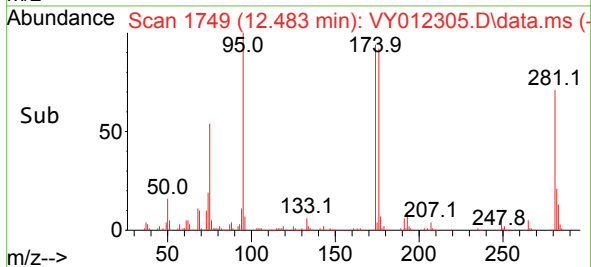
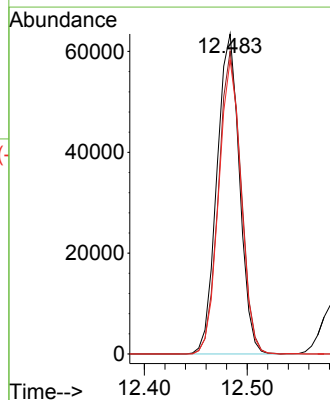
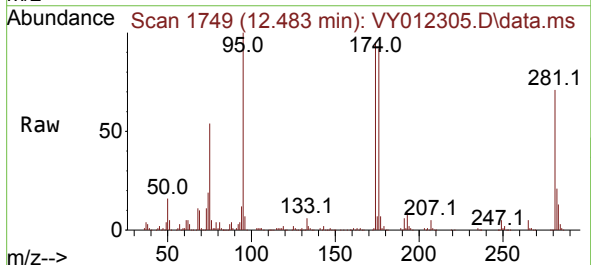
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

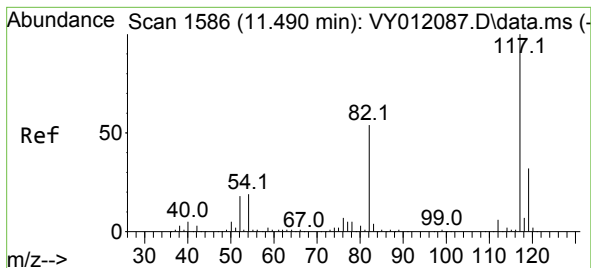
Tgt Ion:107 Resp: 73080
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 95 Resp: 96650
Ion Ratio Lower Upper
95 100
174 94.3 0.0 172.0
176 91.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

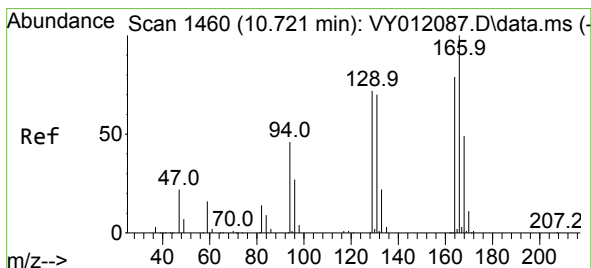
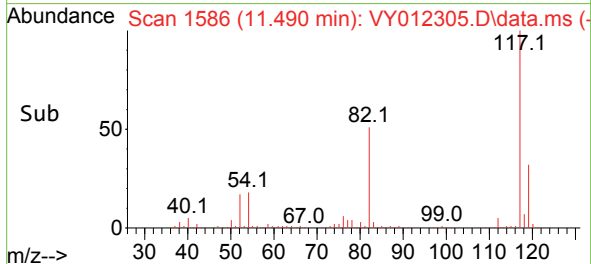
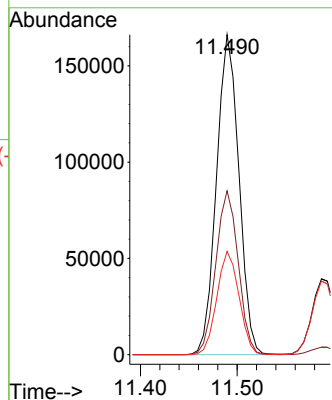
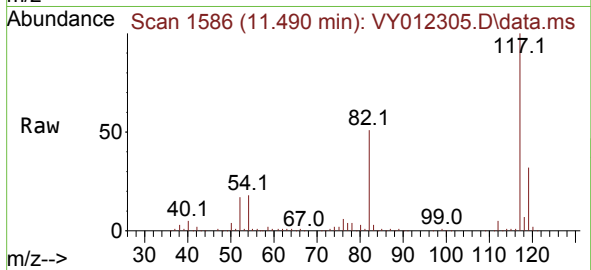
Tgt Ion:117 Resp: 267358

Ion Ratio Lower Upper

117 100

82 51.2 44.8 67.2

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 53.913 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Tgt Ion:164 Resp: 131526

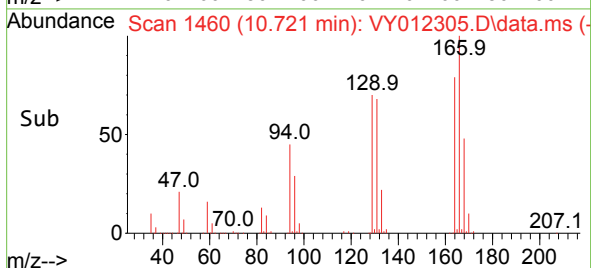
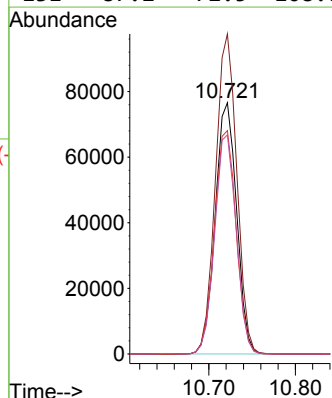
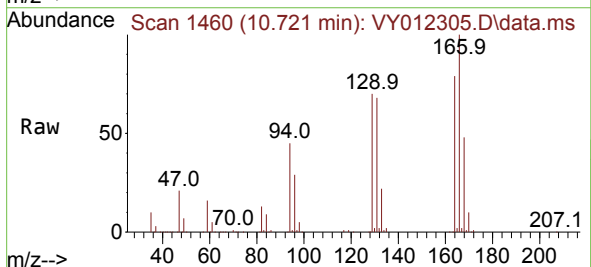
Ion Ratio Lower Upper

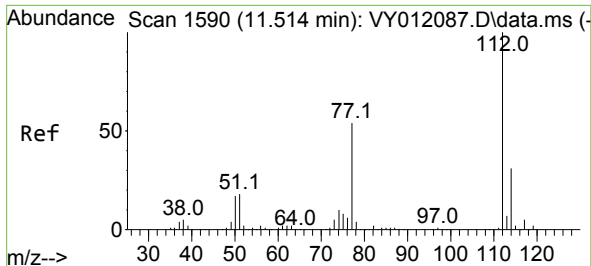
164 100

166 127.4 102.3 153.5

129 88.9 77.2 115.8

131 87.2 72.5 108.7

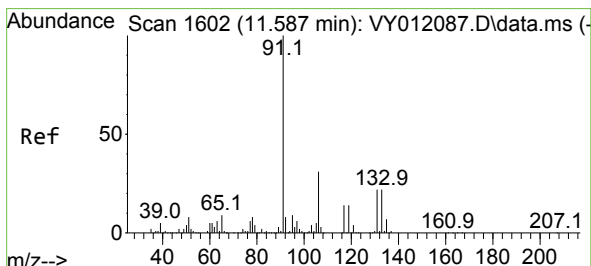
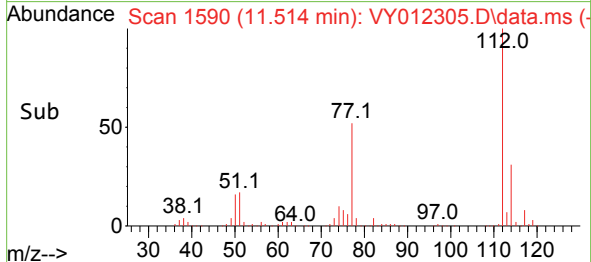
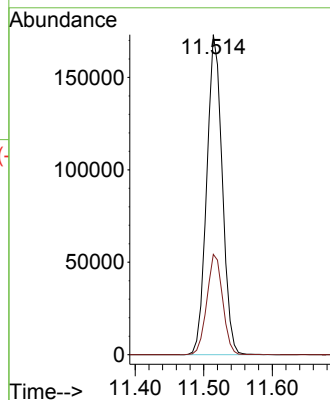
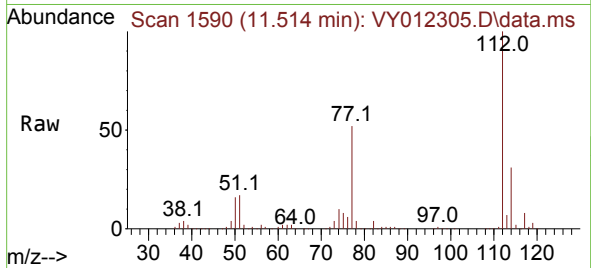




#65
Chlorobenzene
Concen: 49.883 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

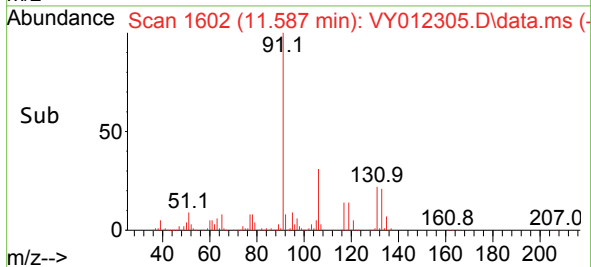
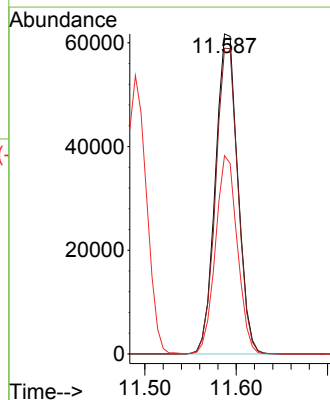
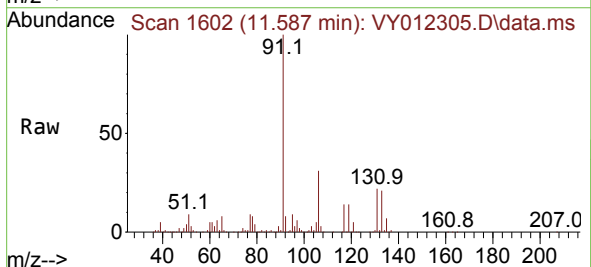
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

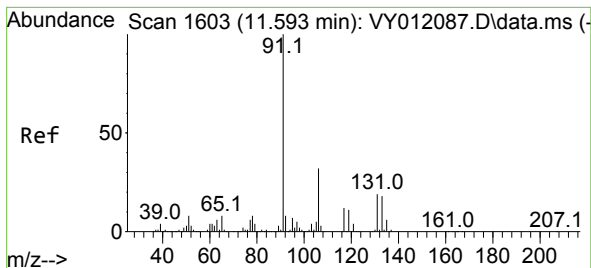
Tgt Ion:112 Resp: 272874
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.774 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:131 Resp: 104836
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 60.8 32.1 96.3





#67

Ethyl Benzene

Concen: 49.706 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

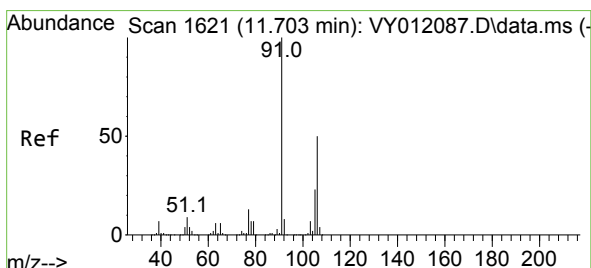
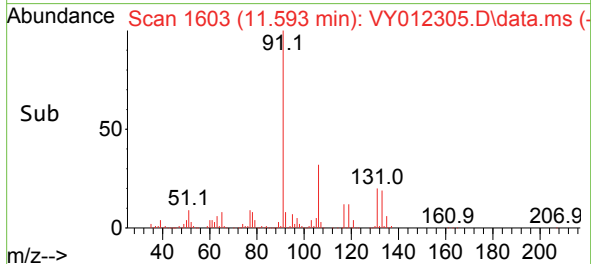
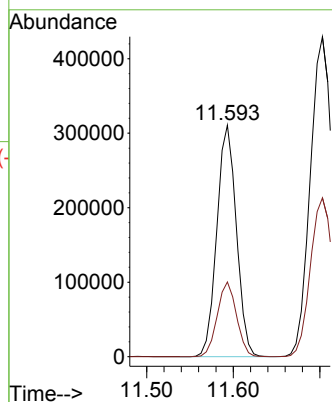
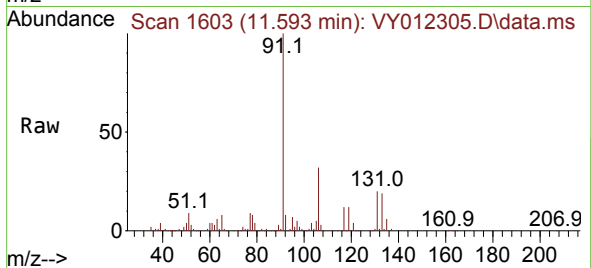
VSTDCCC050EC

Tgt Ion: 91 Resp: 485945

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.4



#68

m/p-Xylenes

Concen: 100.480 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012305.D

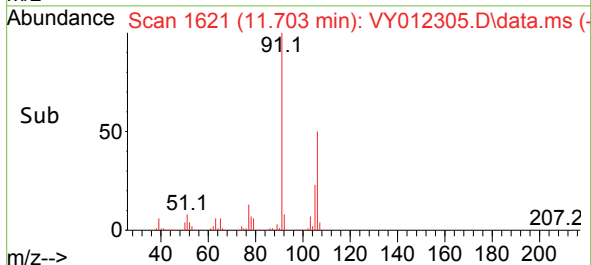
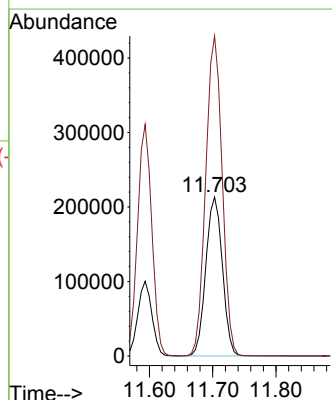
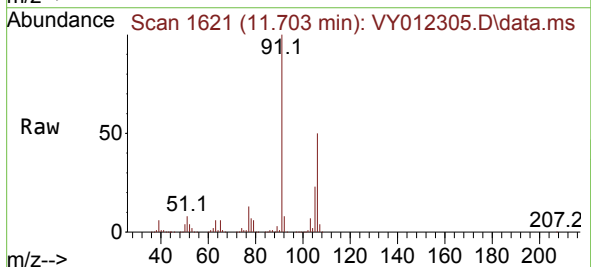
Acq: 20 Jan 2023 20:53

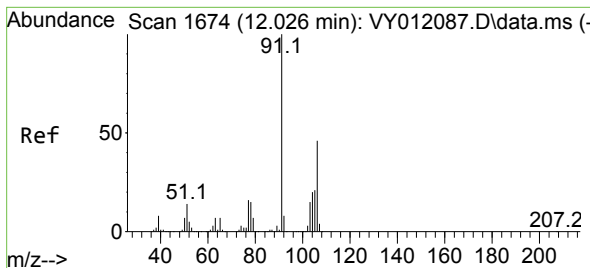
Tgt Ion:106 Resp: 388403

Ion Ratio Lower Upper

106 100

91 200.5 162.5 243.7

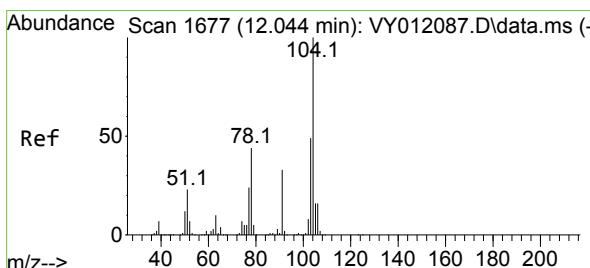
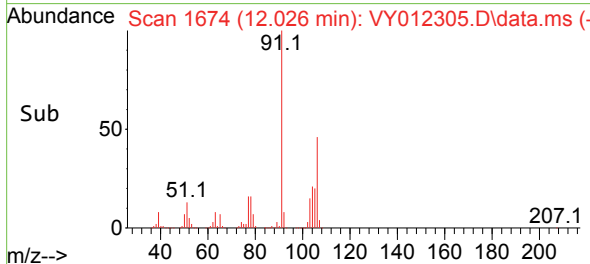
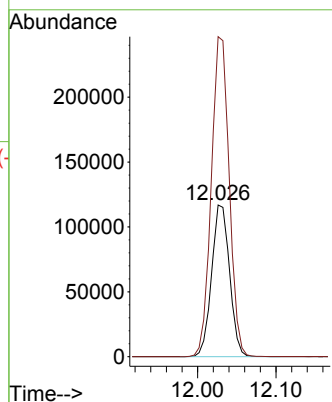
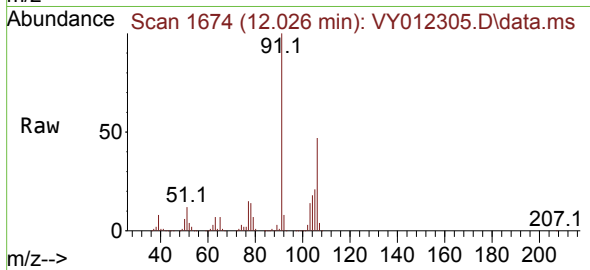




#69
o-Xylene
Concen: 50.284 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

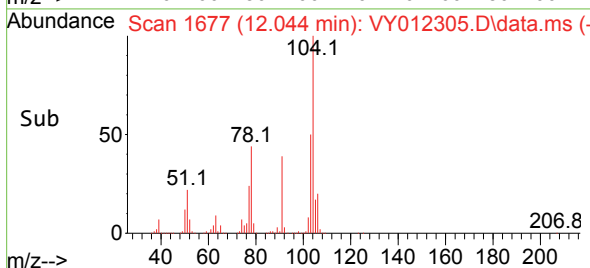
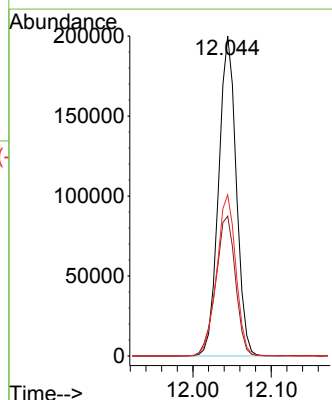
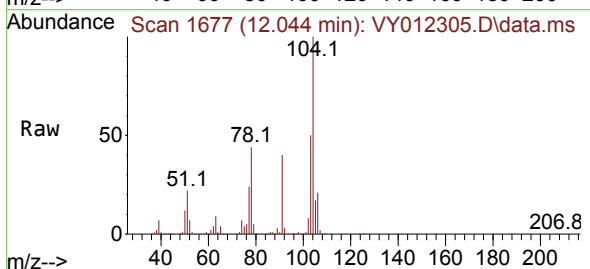
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

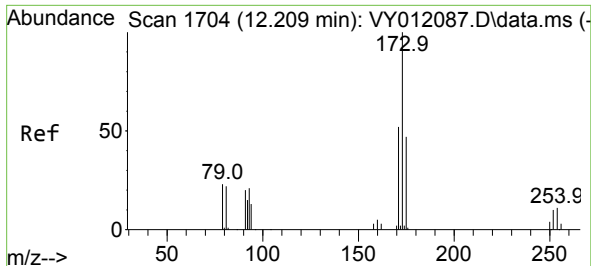
Tgt Ion:106 Resp: 185653
Ion Ratio Lower Upper
106 100
91 210.9 107.5 322.4



#70
Styrene
Concen: 50.855 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:104 Resp: 313719
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.0
103 54.7 43.0 64.4

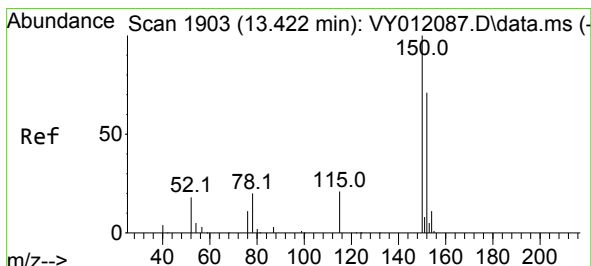
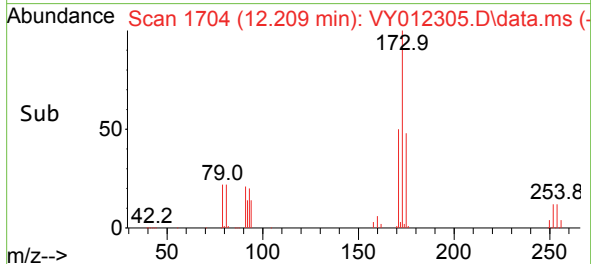
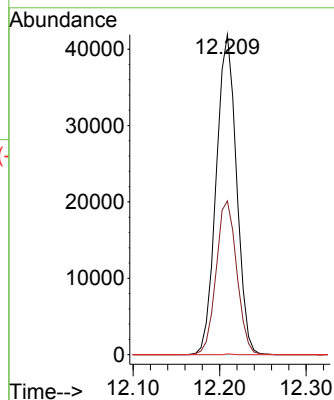
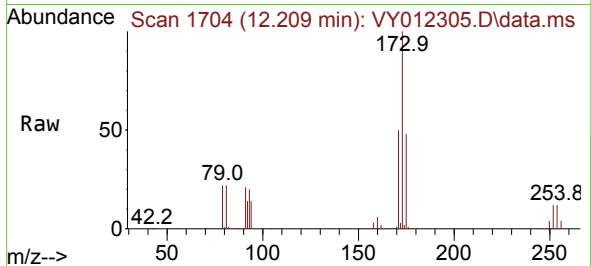




#71
Bromoform
Concen: 51.675 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

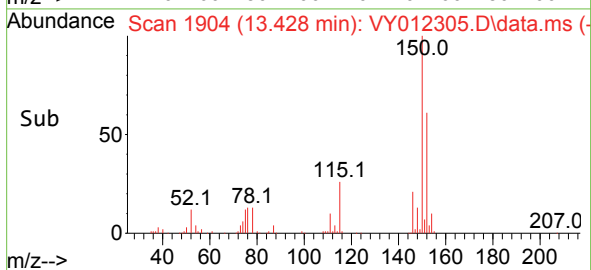
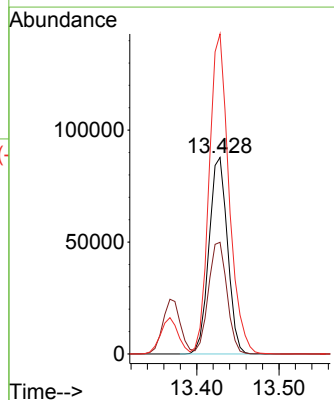
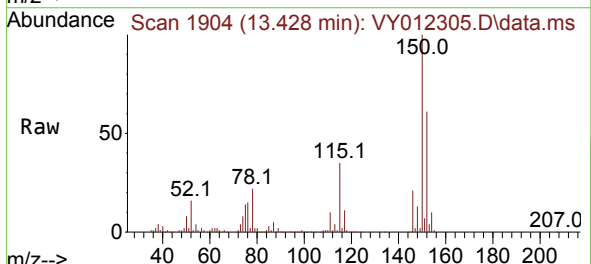
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

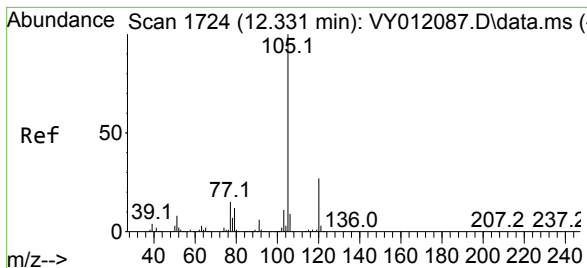
Tgt Ion:173 Resp: 68168
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:152 Resp: 137184
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 174.7 0.0 342.6





#73

Isopropylbenzene

Concen: 50.292 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

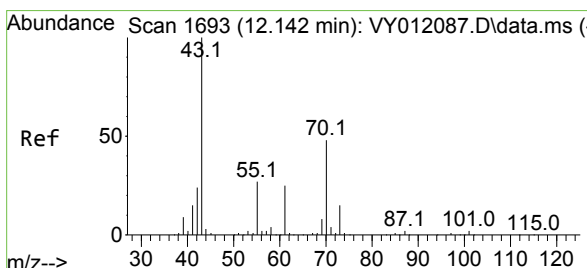
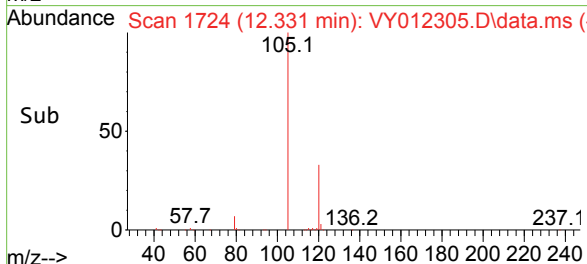
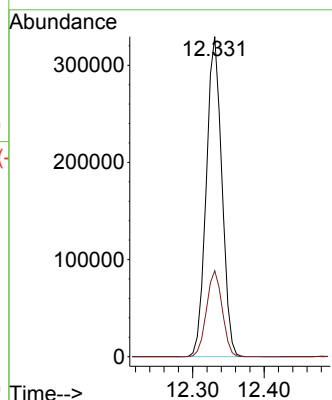
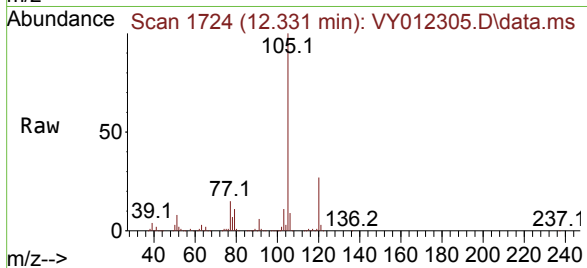
VSTDCCC050EC

Tgt Ion:105 Resp: 497500

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 46.080 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Tgt Ion: 43 Resp: 89355

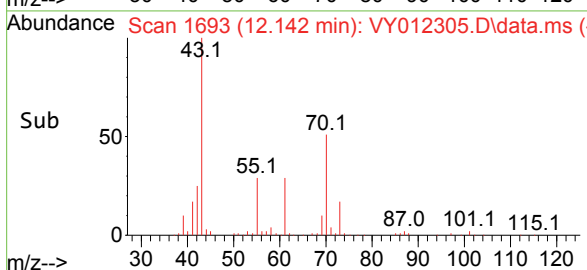
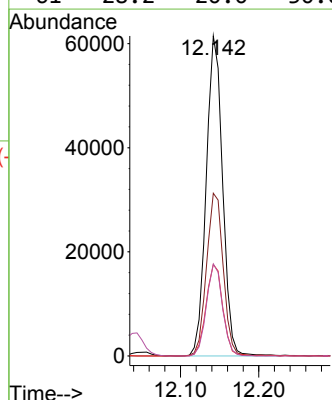
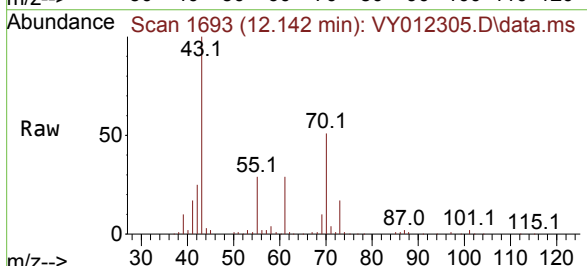
Ion Ratio Lower Upper

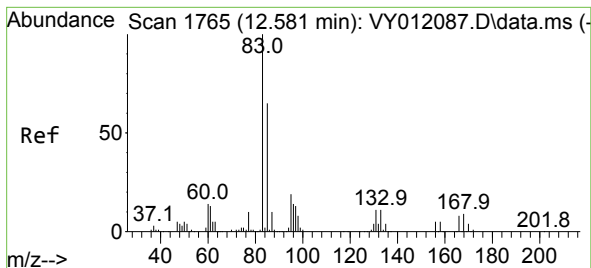
43 100

70 51.6 35.8 53.8

55 29.1 21.0 31.4

61 28.2 20.0 30.0





#75

1,1,2-Tetrachloroethane

Concen: 48.032 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

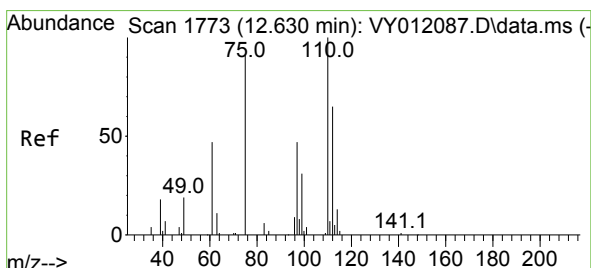
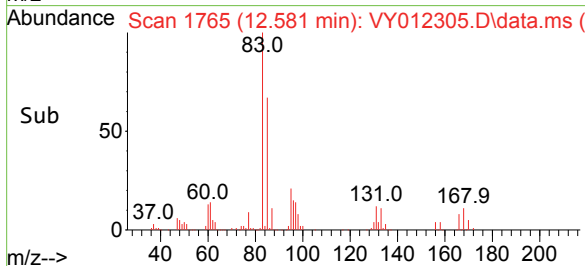
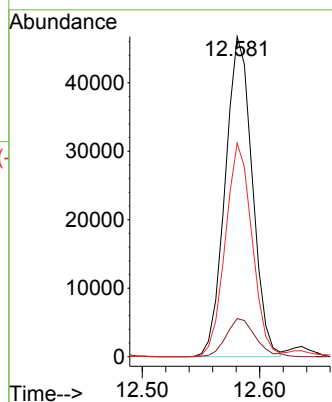
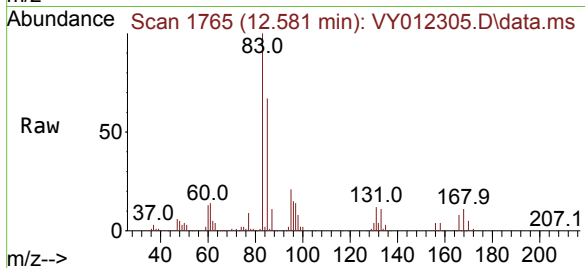
Tgt Ion: 83 Resp: 74841

Ion Ratio Lower Upper

83 100

131 12.9 5.6 16.8

85 65.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 90.340 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY012305.D

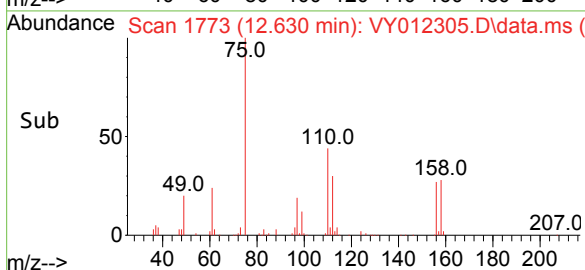
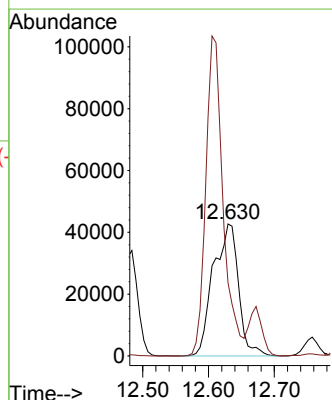
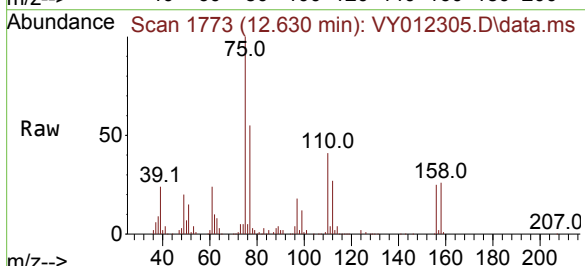
Acq: 20 Jan 2023 20:53

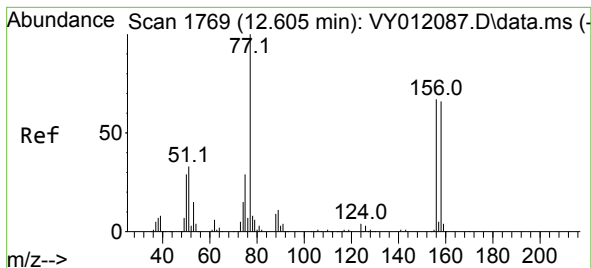
Tgt Ion: 75 Resp: 113960

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.501 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

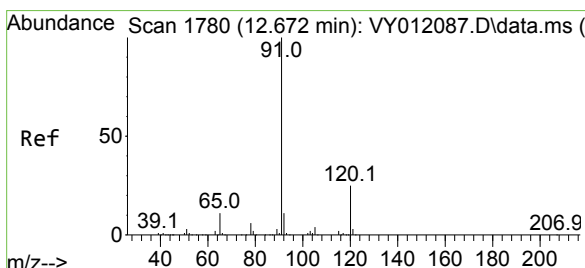
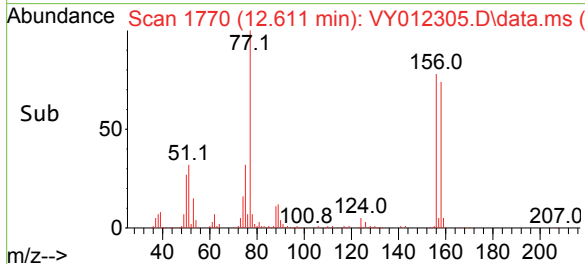
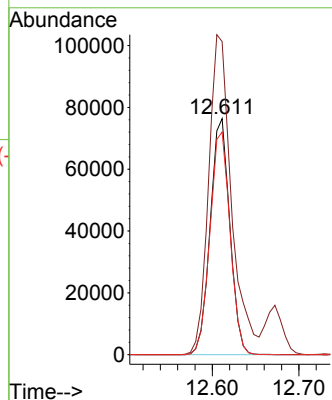
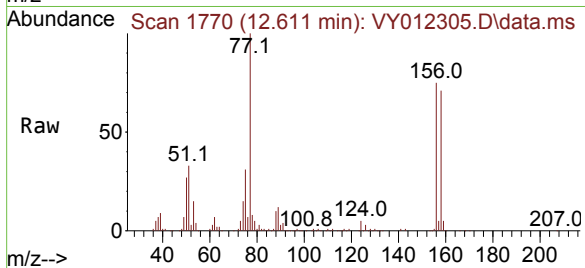
Tgt Ion:156 Resp: 120210

Ion Ratio Lower Upper

156 100

77 158.2 90.0 270.0

158 96.5 48.4 145.2



#78

n-propylbenzene

Concen: 48.758 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012305.D

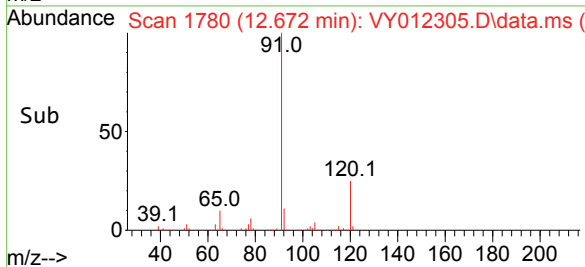
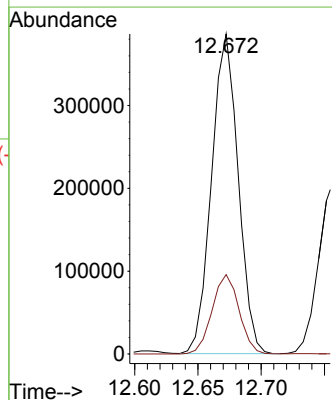
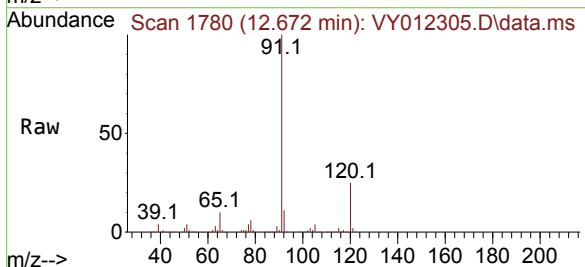
Acq: 20 Jan 2023 20:53

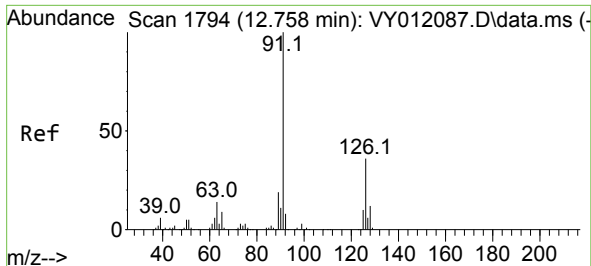
Tgt Ion: 91 Resp: 564402

Ion Ratio Lower Upper

91 100

120 25.0 11.8 35.4

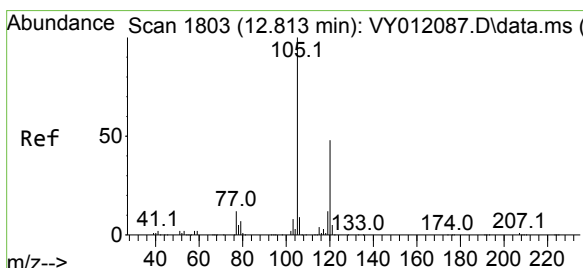
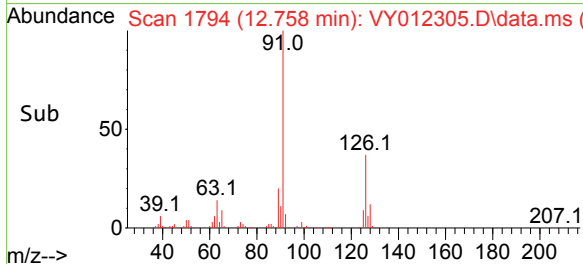
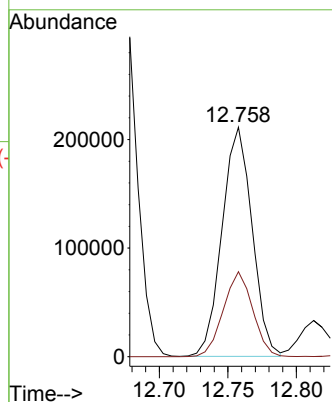
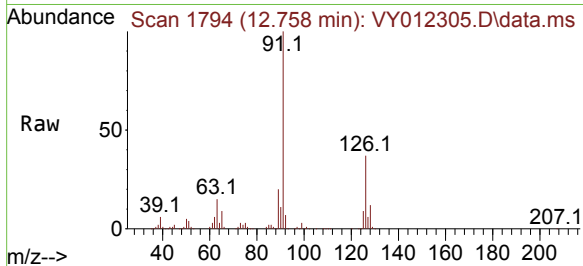




#79
2-Chlorotoluene
Concen: 49.297 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

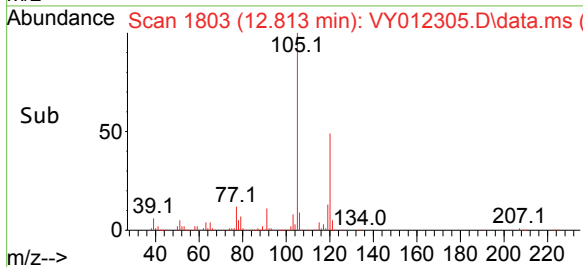
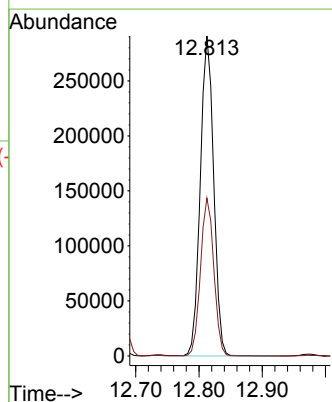
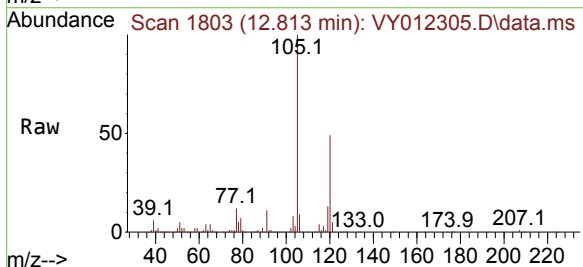
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

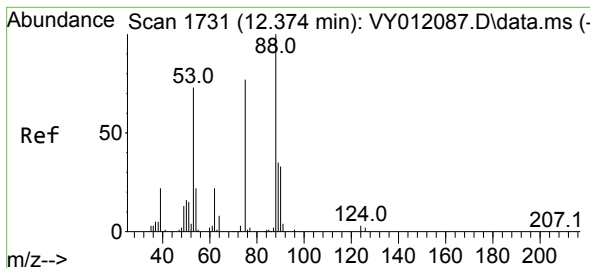
Tgt Ion: 91 Resp: 322642
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.809 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 105 Resp: 428331
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6

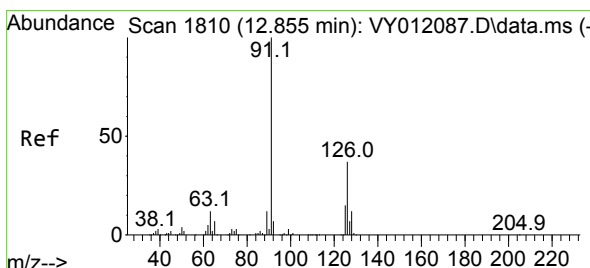
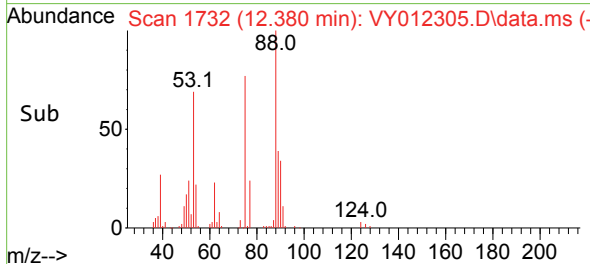
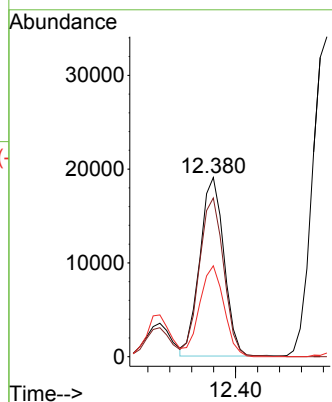
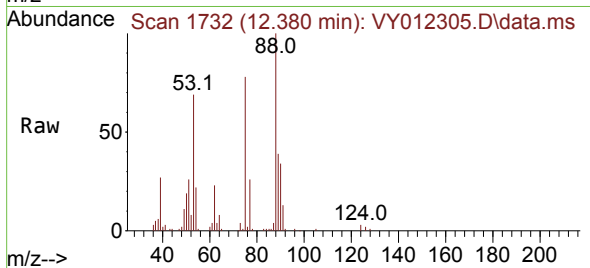




#81
trans-1,4-Dichloro-2-butene
Concen: 47.701 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

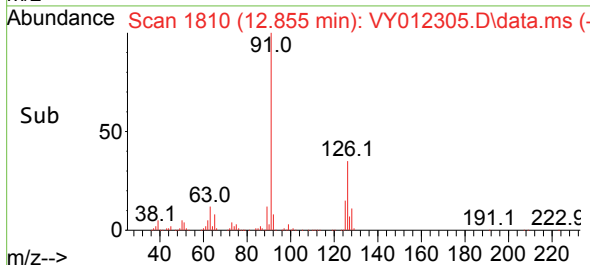
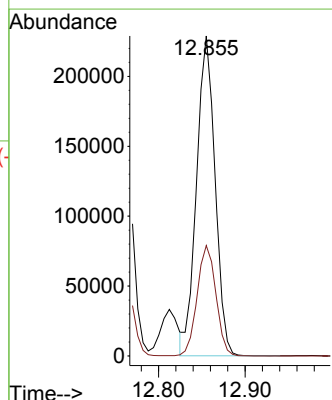
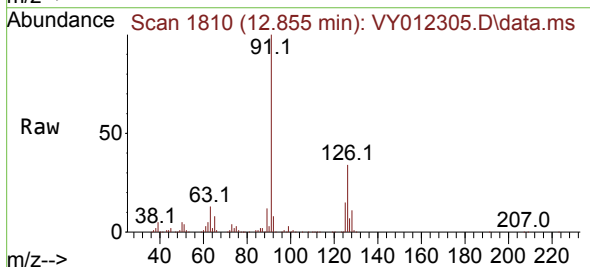
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

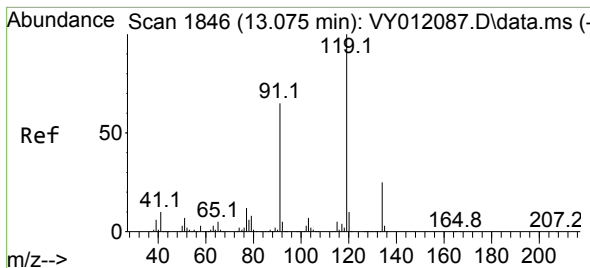
Tgt Ion: 75 Resp: 29204
Ion Ratio Lower Upper
75 100
53 90.6 72.5 108.7
89 51.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.401 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 91 Resp: 339625
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2

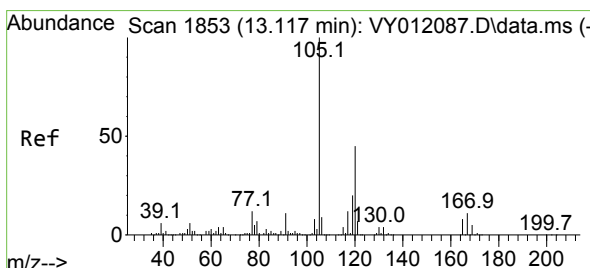
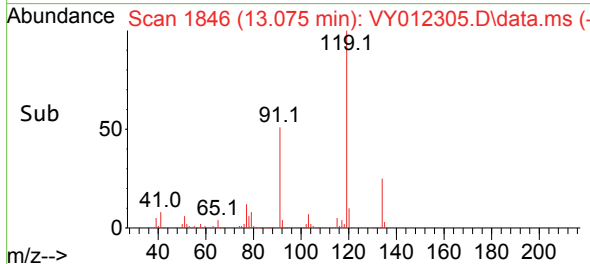
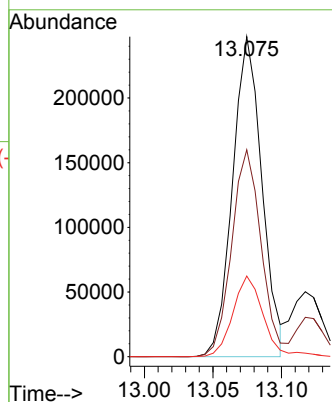
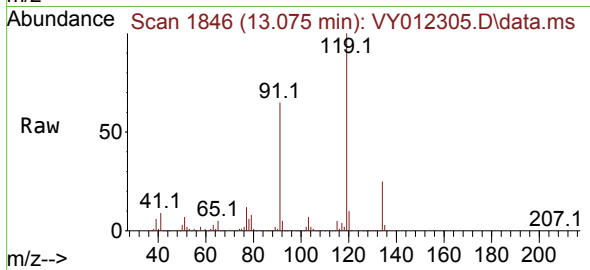




#83
 tert-Butylbenzene
 Concen: 49.249 ug/l
 RT: 13.075 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

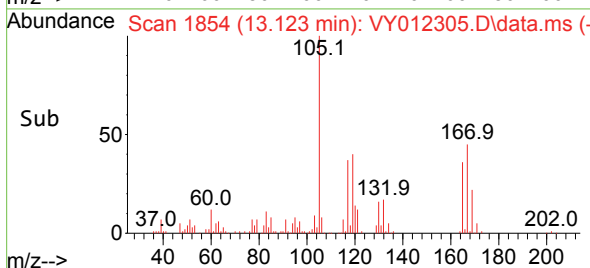
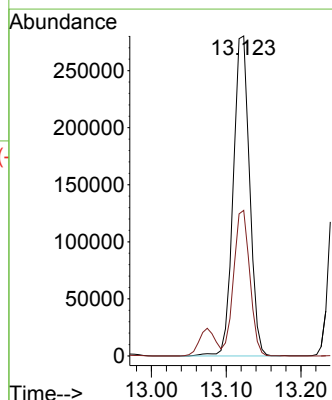
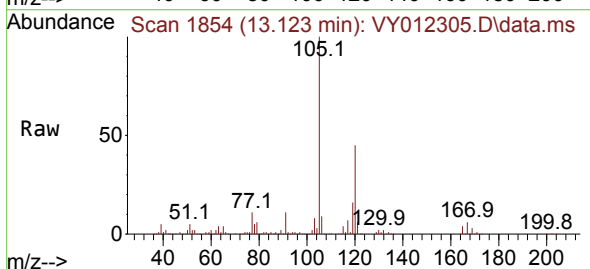
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

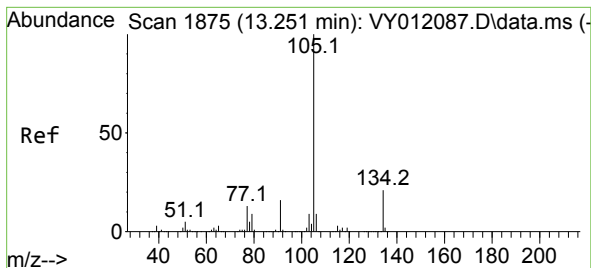
Tgt Ion:119 Resp: 369117
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.3 96.8
 134 26.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.122 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY012305.D
 Acq: 20 Jan 2023 20:53

Tgt Ion:105 Resp: 425069
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 49.288 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

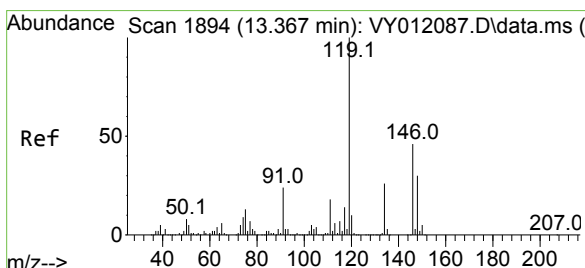
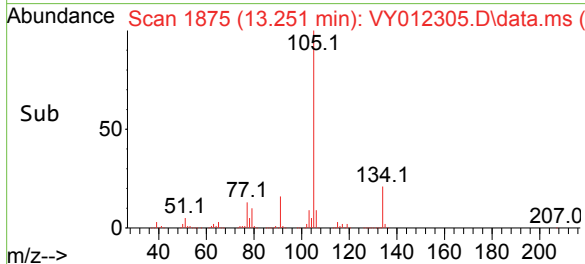
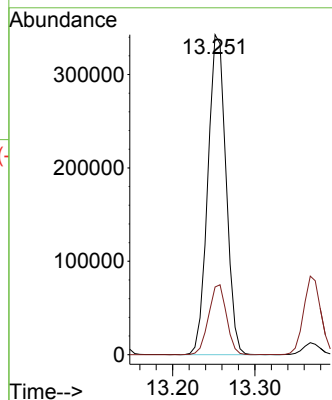
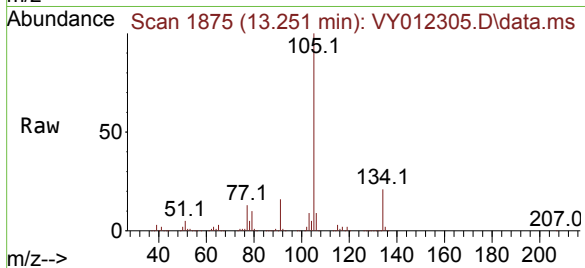
VSTDCCC050EC

Tgt Ion:105 Resp: 525959

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 49.617 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

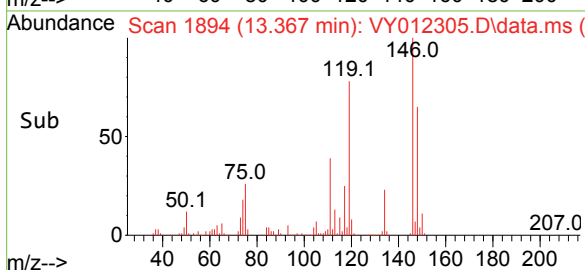
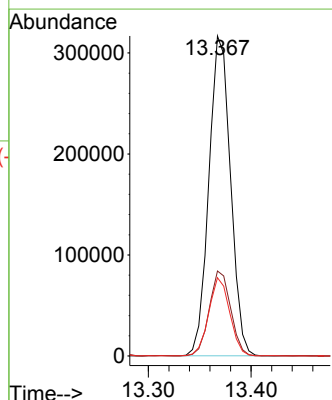
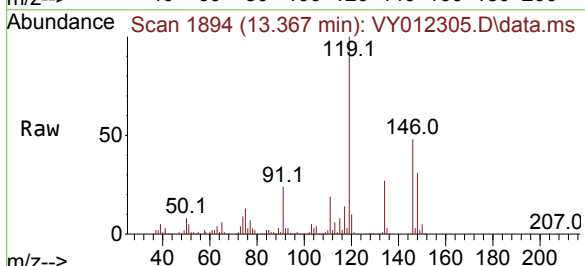
Tgt Ion:119 Resp: 462601

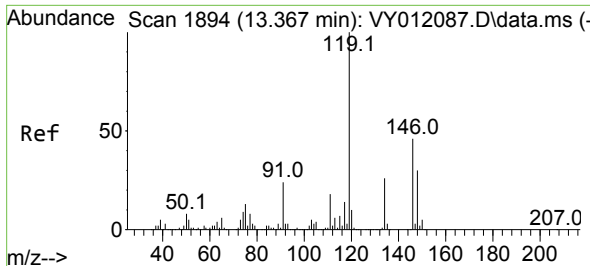
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.7 11.9 35.9

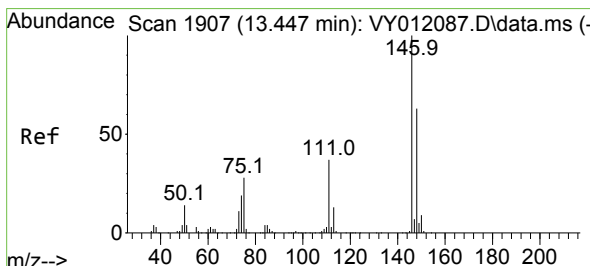
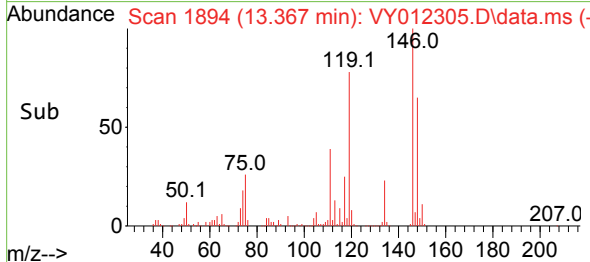
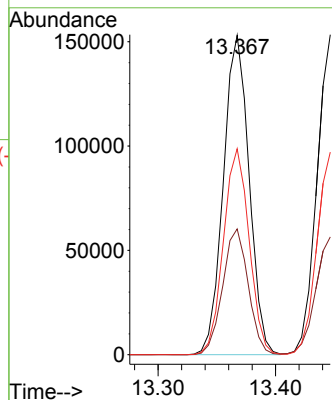
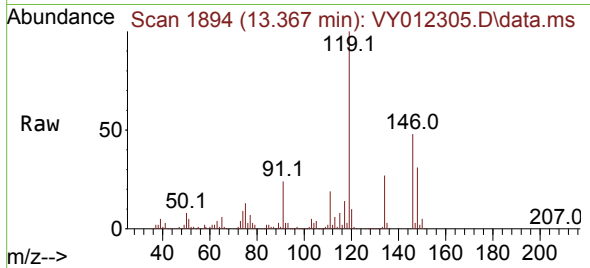




#87
1,3-Dichlorobenzene
Concen: 49.210 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

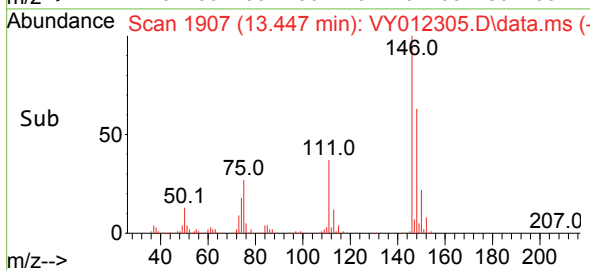
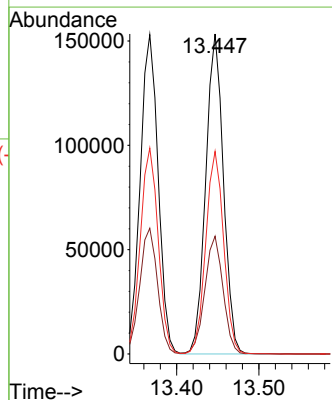
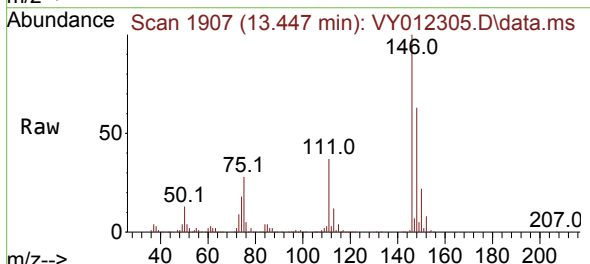
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

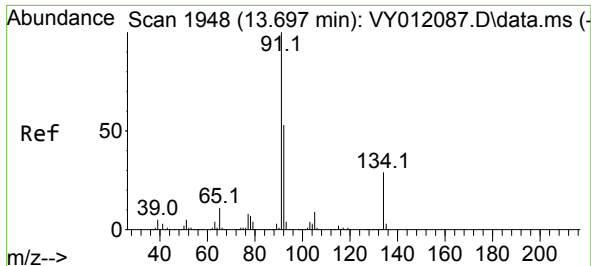
Tgt Ion:146 Resp: 232969
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.620 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion:146 Resp: 229551
Ion Ratio Lower Upper
146 100
111 38.1 19.6 58.7
148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 48.175 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

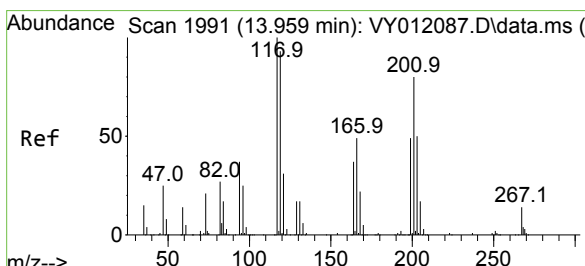
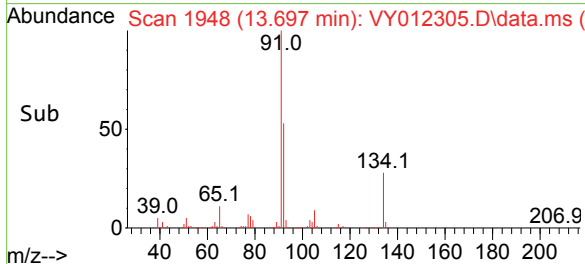
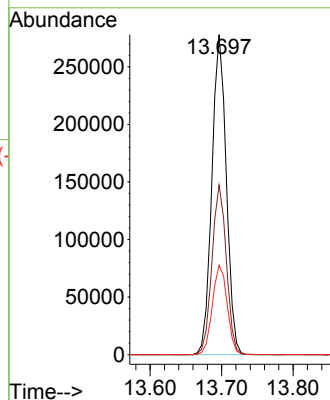
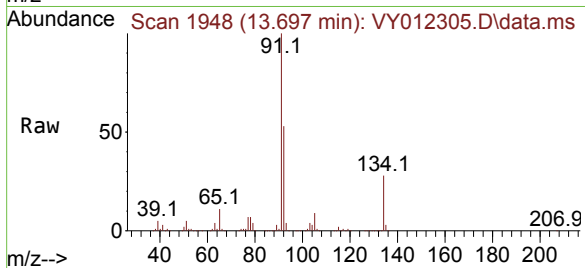
Tgt Ion: 91 Resp: 389240

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 28.8 13.3 39.8



#90

Hexachloroethane

Concen: 49.683 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012305.D

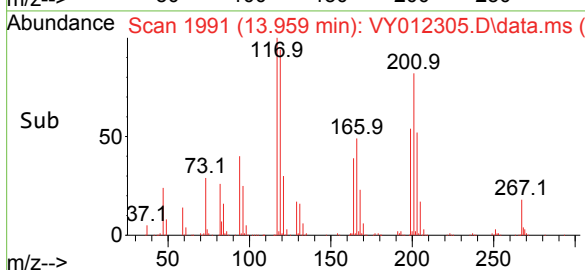
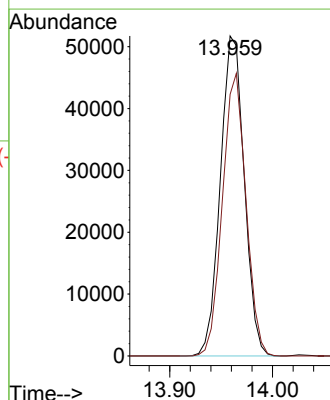
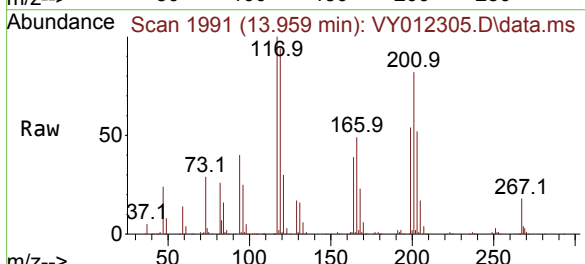
Acq: 20 Jan 2023 20:53

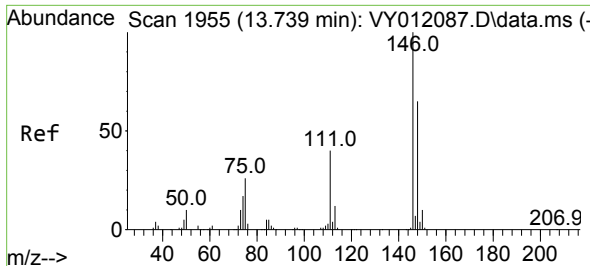
Tgt Ion: 117 Resp: 83622

Ion Ratio Lower Upper

117 100

201 86.7 40.3 120.8

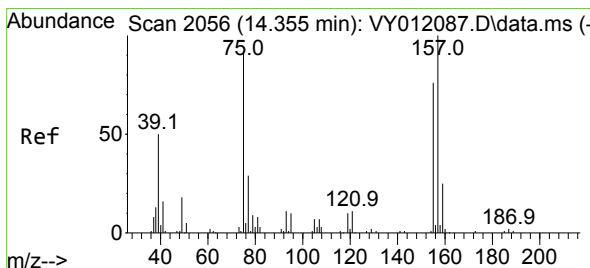
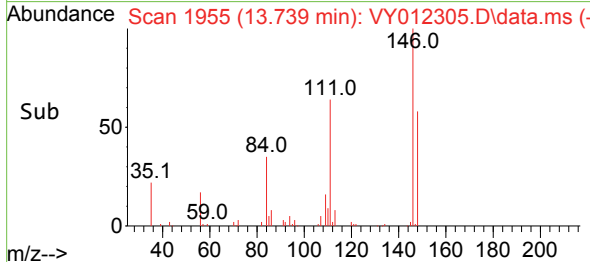
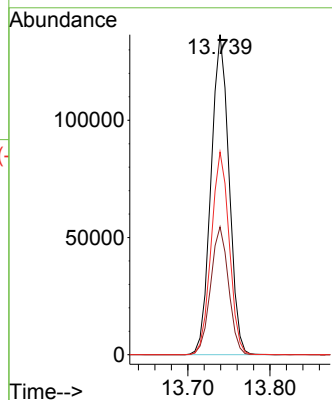
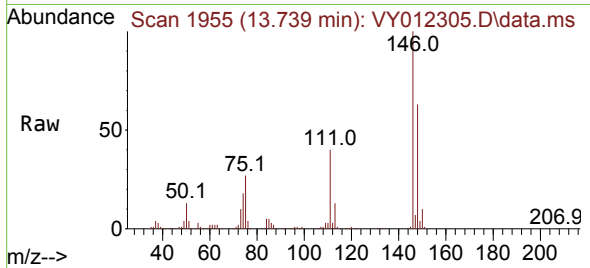




#91
1,2-Dichlorobenzene
Concen: 49.152 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

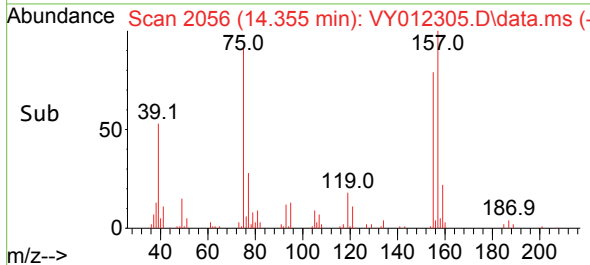
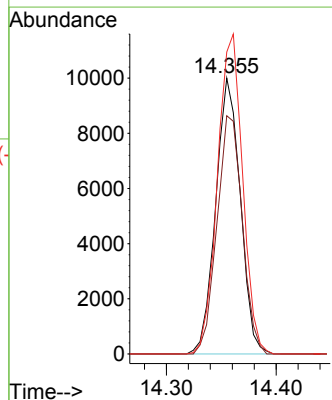
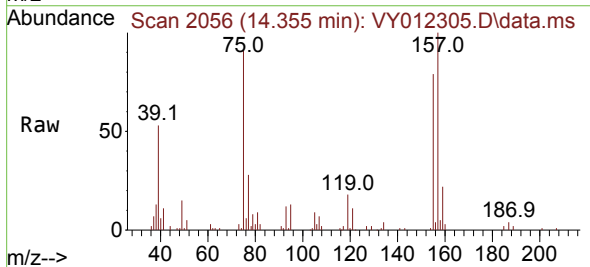
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

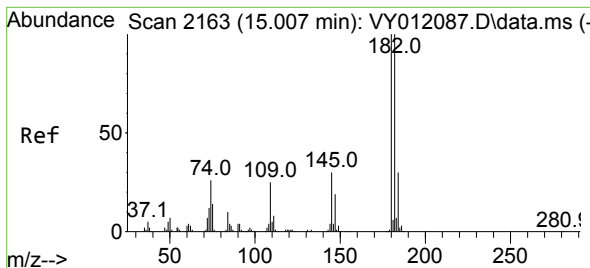
Tgt Ion:146 Resp: 207631
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 63.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.347 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012305.D
Acq: 20 Jan 2023 20:53

Tgt Ion: 75 Resp: 15568
Ion Ratio Lower Upper
75 100
155 88.9 42.3 126.8
157 118.6 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 47.630 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

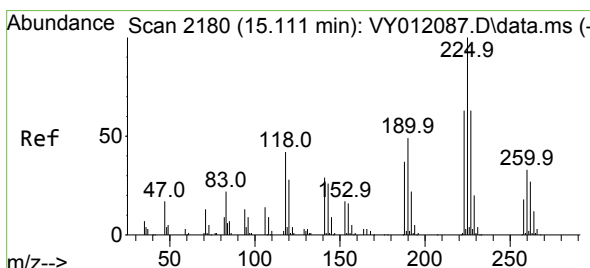
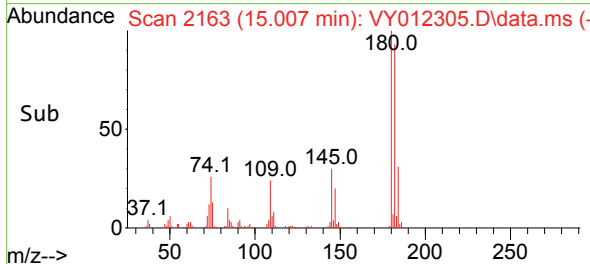
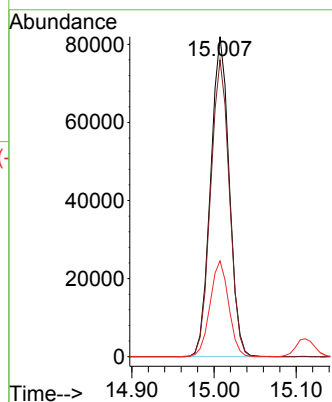
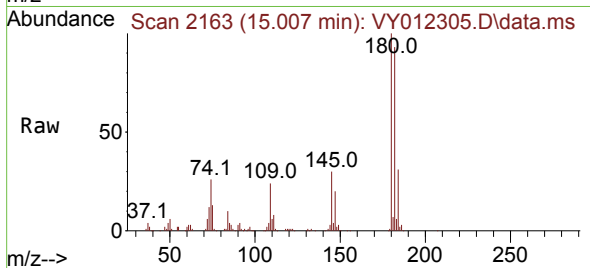
Tgt Ion:180 Resp: 128919

Ion Ratio Lower Upper

180 100

182 93.3 48.1 144.3

145 29.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.004 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

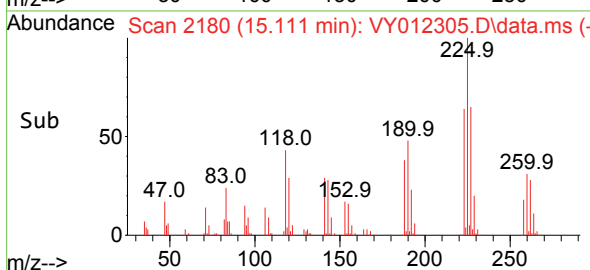
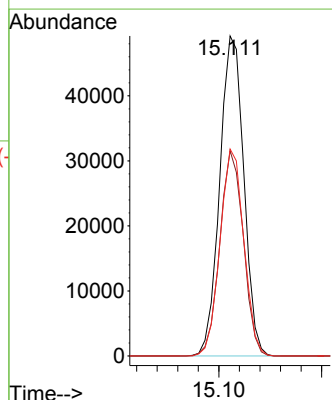
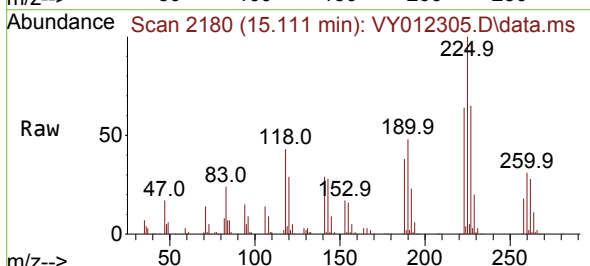
Tgt Ion:225 Resp: 79860

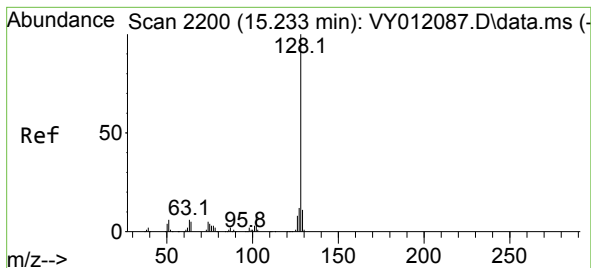
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.2

227 63.8 32.6 97.8





#95

Naphthalene

Concen: 48.275 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

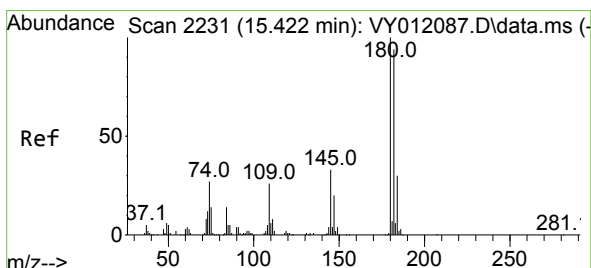
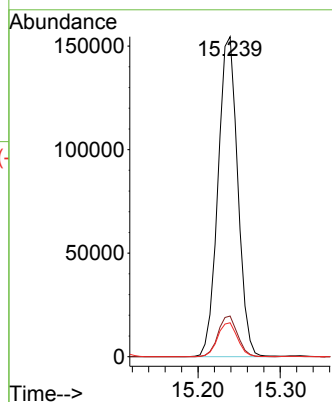
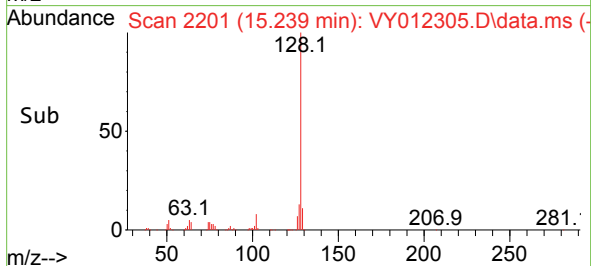
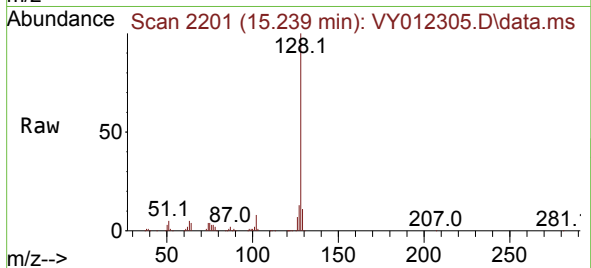
Tgt Ion:128 Resp: 257905

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.407 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012305.D

Acq: 20 Jan 2023 20:53

Tgt Ion:180 Resp: 110420

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 32.4 16.1 48.2

