

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013186.D
 Acq On : 03 Apr 2023 19:15
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 03 23:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	132694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	187841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67184	47.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.716	113	61016	49.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.179	98	193595	41.791	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.580%
62) 4-Bromofluorobenzene	12.477	95	76950	51.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55810	42.905	ug/l	100
3) Chloromethane	2.113	50	41629	30.688	ug/l	99
4) Vinyl Chloride	2.247	62	46294	34.039	ug/l	98
5) Bromomethane	2.643	94	39394	41.043	ug/l	92
6) Chloroethane	2.790	64	35965	42.215	ug/l	98
7) Trichlorofluoromethane	3.119	101	94701	39.123	ug/l	99
8) Diethyl Ether	3.521	74	33626	44.239	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	60321	45.201	ug/l	95
10) Methyl Iodide	4.088	142	79123	45.531	ug/l	97
11) Tert butyl alcohol	4.942	59	31791	247.347	ug/l	99
12) 1,1-Dichloroethene	3.863	96	56993	44.179	ug/l	93
13) Acrolein	3.723	56	37040	205.359	ug/l	99
14) Allyl chloride	4.472	41	87260	39.698	ug/l	91
15) Acrylonitrile	5.155	53	86167	228.134	ug/l	99
16) Acetone	3.942	43	85886	196.958	ug/l	99
17) Carbon Disulfide	4.186	76	176131	40.997	ug/l	100
18) Methyl Acetate	4.472	43	58650	42.686	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	158799	48.577	ug/l	95
20) Methylene Chloride	4.710	84	69393	45.629	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	65381	44.981	ug/l	97
22) Diisopropyl ether	6.112	45	181657	42.300	ug/l	95
23) Vinyl Acetate	6.057	43	542771	222.254	ug/l	95
24) 1,1-Dichloroethane	6.015	63	108140	42.518	ug/l	100
25) 2-Butanone	6.978	43	117382	215.280	ug/l	94
26) 2,2-Dichloropropane	6.978	77	99028	43.288	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	72664	46.403	ug/l	94
28) Bromochloromethane	7.326	49	45556	41.743	ug/l	83
29) Tetrahydrofuran	7.344	42	73702	228.342	ug/l	92
30) Chloroform	7.502	83	120056	45.583	ug/l	99
31) Cyclohexane	7.783	56	94579	40.625	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	111299	47.795	ug/l	98
36) 1,1-Dichloropropene	7.911	75	89370	48.378	ug/l	98
37) Ethyl Acetate	7.069	43	49390	47.065	ug/l	99
38) Carbon Tetrachloride	7.893	117	106110	52.058	ug/l	97
39) Methylcyclohexane	9.179	83	109158	50.367	ug/l	95
40) Benzene	8.155	78	257722	48.302	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	70289	150.982	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	82572	50.512	ug/l	100
43) Isopropyl Acetate	8.270	43	92724	49.363	ug/l	96
44) Trichloroethene	8.935	130	73688	50.169	ug/l	98
45) 1,2-Dichloropropane	9.209	63	61203	45.808	ug/l	96
46) Dibromomethane	9.301	93	39218	51.097	ug/l	93
47) Bromodichloromethane	9.496	83	92455	49.923	ug/l #	99
48) Methyl methacrylate	9.289	41	44308	50.648	ug/l	93
49) 1,4-Dioxane	9.295	88	10354	1133.966	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	272777	269.077	ug/l	98
52) Toluene	10.240	92	150611	45.506	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	80974	42.777	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	99372	45.966	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	48108	45.345	ug/l	99
56) Ethyl methacrylate	10.508	69	62271	46.683	ug/l	95
57) 1,3-Dichloropropane	10.788	76	86167	48.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	157690	252.824	ug/l	100
59) 2-Hexanone	10.831	43	194595	265.416	ug/l	99
60) Dibromochloromethane	10.983	129	60678	45.536	ug/l	99
61) 1,2-Dibromoethane	11.081	107	46003	44.752	ug/l	100
64) Tetrachloroethene	10.715	164	61728	54.852	ug/l	98
65) Chlorobenzene	11.514	112	161316	51.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	64283	55.178	ug/l	99
67) Ethyl Benzene	11.587	91	299520	55.806	ug/l	99
68) m/p-Xylenes	11.697	106	227980	109.806	ug/l	100
69) o-Xylene	12.026	106	118815	61.697	ug/l	95
70) Styrene	12.038	104	200282	62.171	ug/l	100
71) Bromoform	12.203	173	47914	66.325	ug/l #	99
73) Isopropylbenzene	12.325	105	316382	49.998	ug/l	100
74) N-amyl acetate	12.142	43	81245	46.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	64016	48.297	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	83749	81.324	ug/l #	100
77) Bromobenzene	12.605	156	80064	50.891	ug/l	91
78) n-propylbenzene	12.666	91	380007	48.842	ug/l	98
79) 2-Chlorotoluene	12.751	91	211248	47.848	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	267729	50.606	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	21933	47.497	ug/l	95
82) 4-Chlorotoluene	12.849	91	223334	48.606	ug/l	100
83) tert-Butylbenzene	13.075	119	236555	52.058	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	262954	50.754	ug/l	100
85) sec-Butylbenzene	13.251	105	347083	50.587	ug/l	99
86) p-Isopropyltoluene	13.367	119	291080	51.534	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	153935	49.360	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	153544	49.133	ug/l	99
89) n-Butylbenzene	13.696	91	258913	49.034	ug/l	99
90) Hexachloroethane	13.958	117	56787	48.261	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	138913	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10731	48.653	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	81693	50.297	ug/l	98
94) Hexachlorobutadiene	15.111	225	49178	49.232	ug/l	98
95) Naphthalene	15.233	128	163726	47.747	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	73009	51.020	ug/l	100

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QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

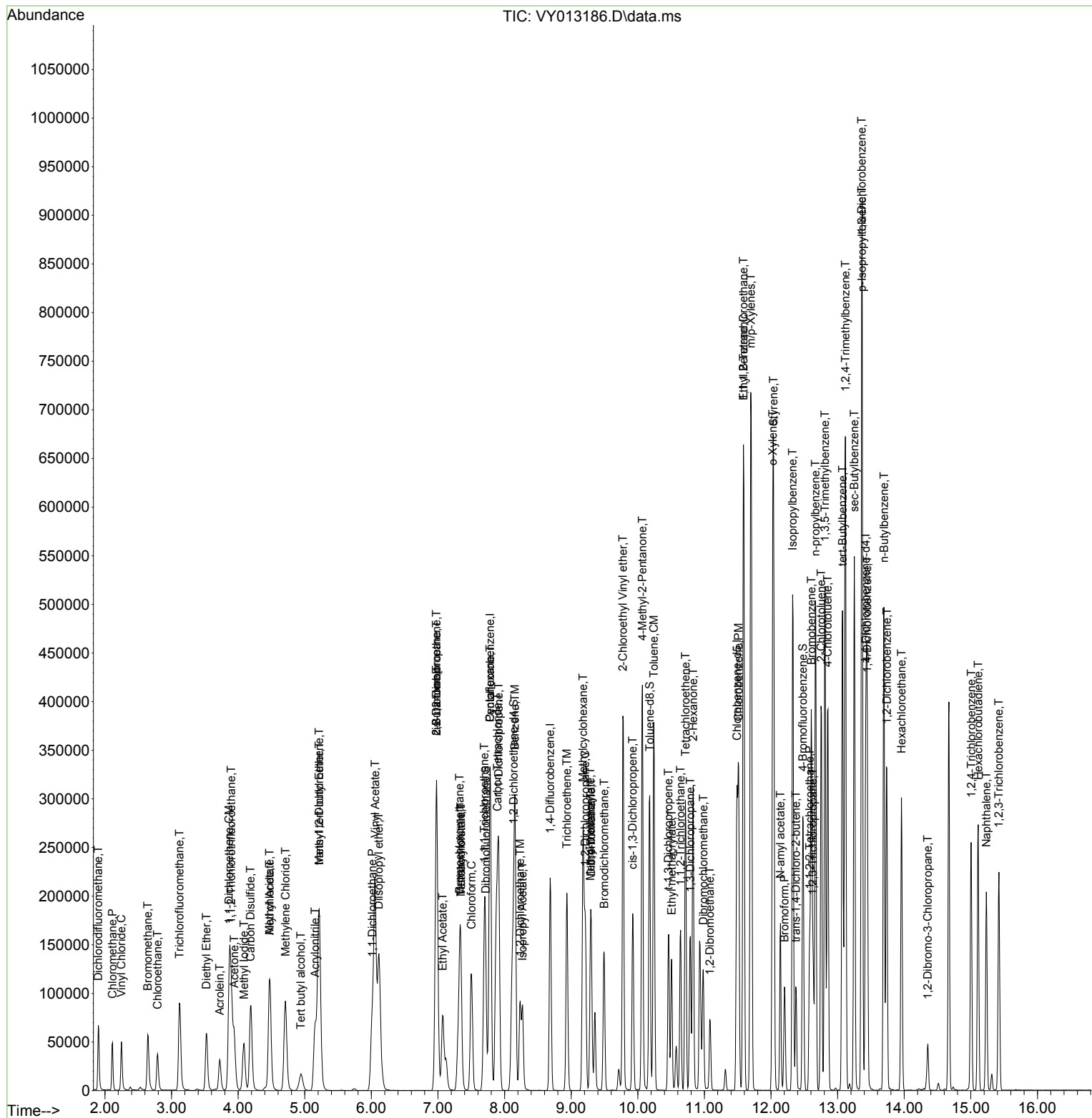
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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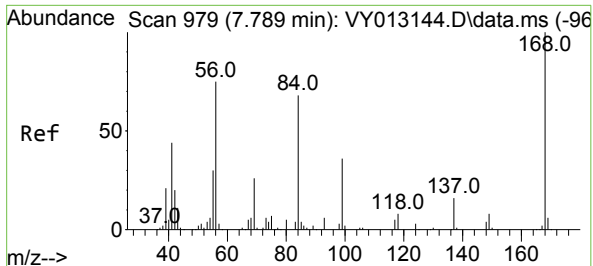
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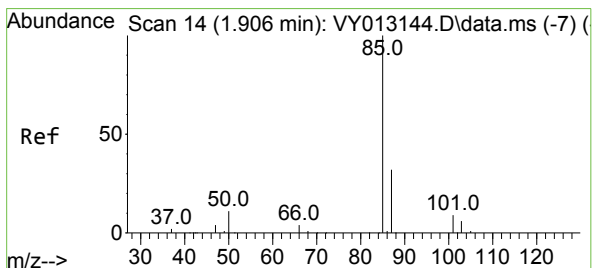
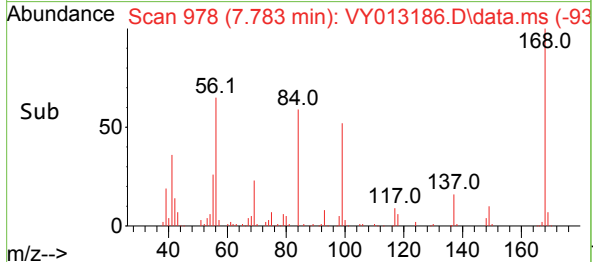
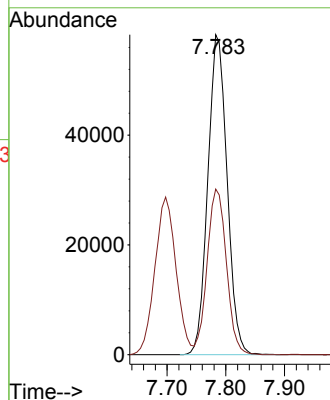
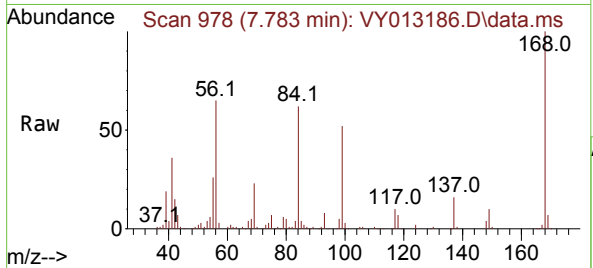




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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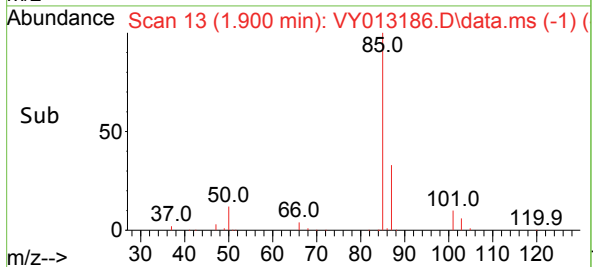
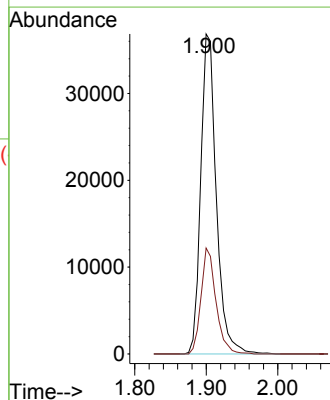
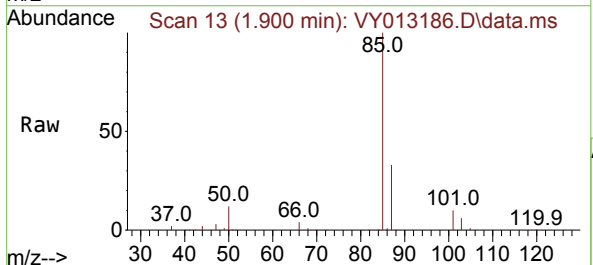
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

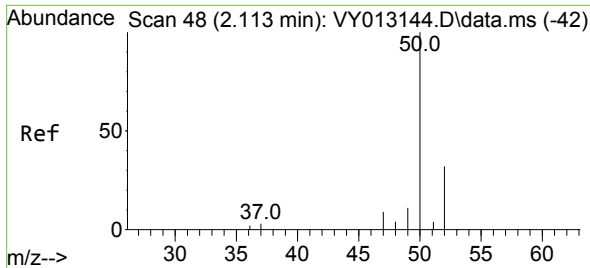
Tgt Ion:168 Resp: 132694
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 42.905 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 85 Resp: 55810
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0

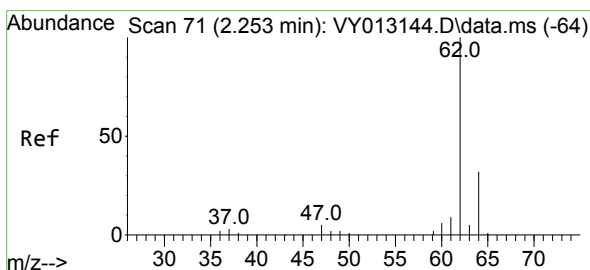
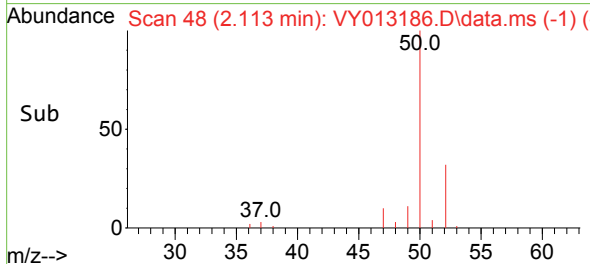
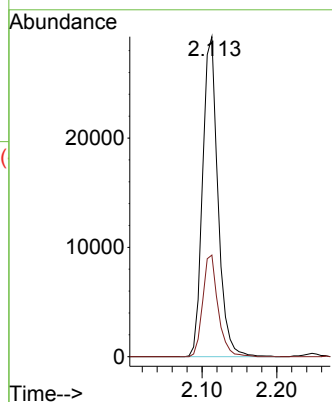
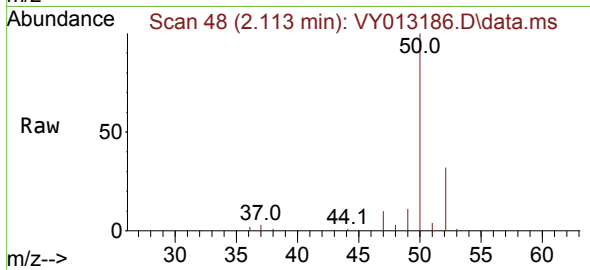




#3
Chloromethane
Concen: 30.688 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

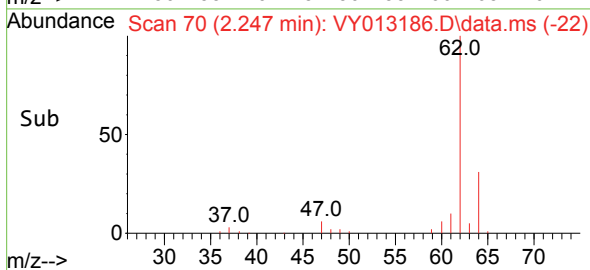
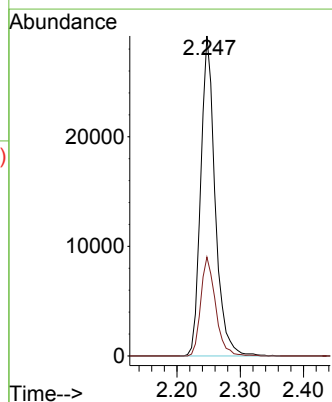
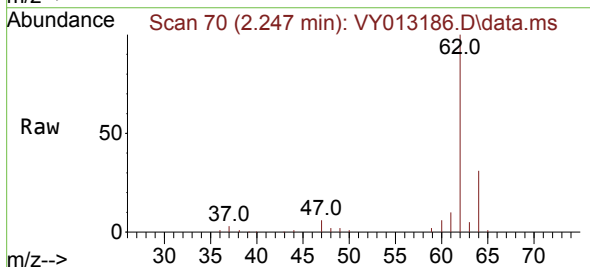
Instrument :
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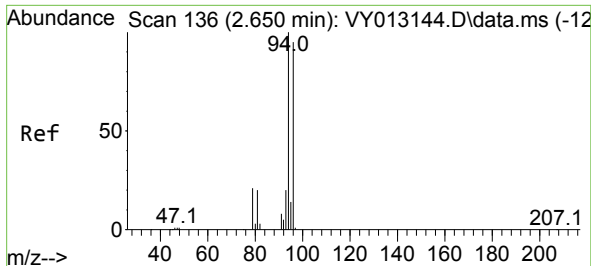
Tgt Ion: 50 Resp: 41629
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 34.039 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 62 Resp: 46294
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





#5

Bromomethane

Concen: 41.043 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

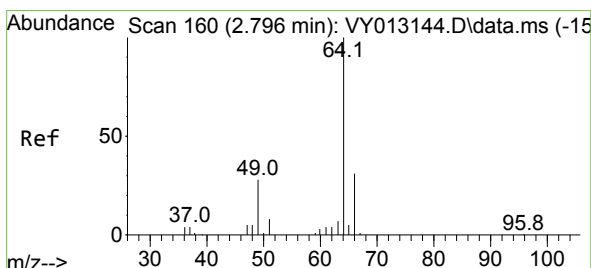
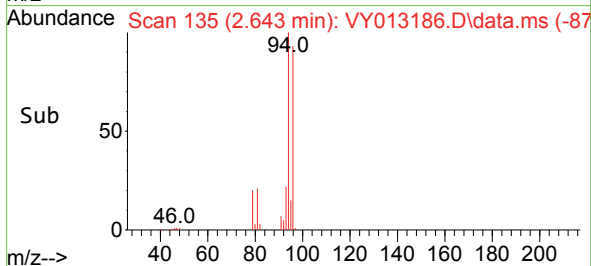
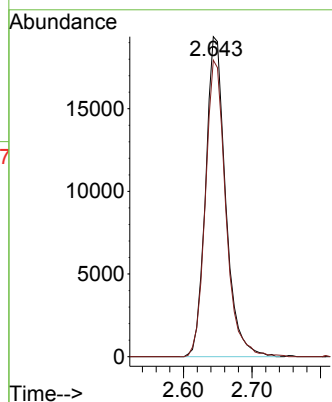
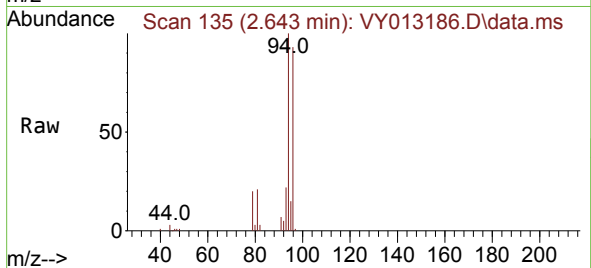
VSTDCCC050EC

Tgt Ion: 94 Resp: 39394

Ion Ratio Lower Upper

94 100

96 92.6 80.3 120.5



#6

Chloroethane

Concen: 42.215 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013186.D

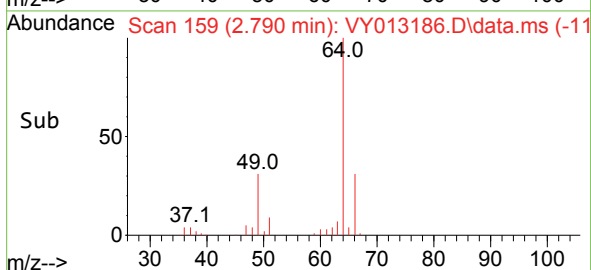
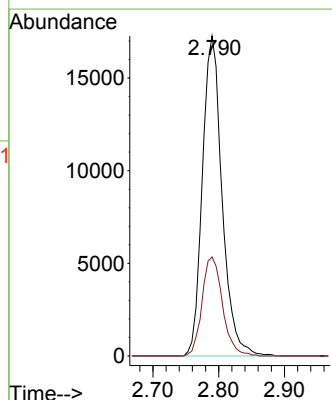
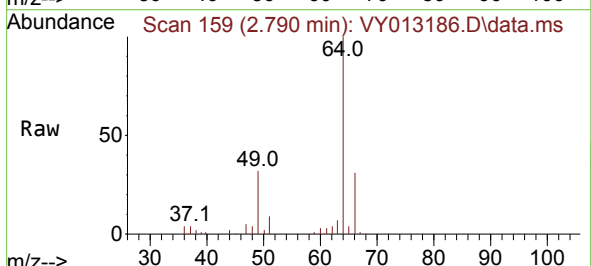
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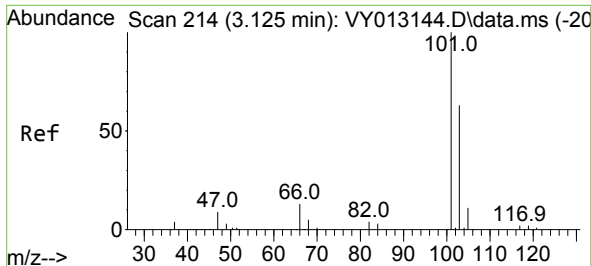
Tgt Ion: 64 Resp: 35965

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5

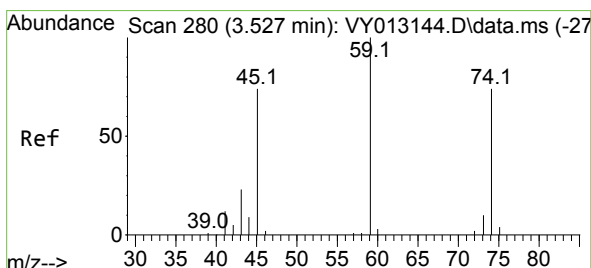
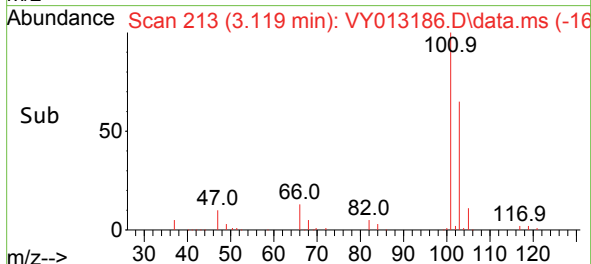
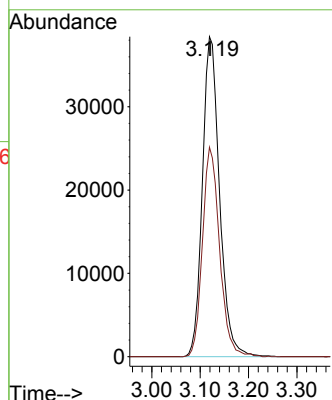
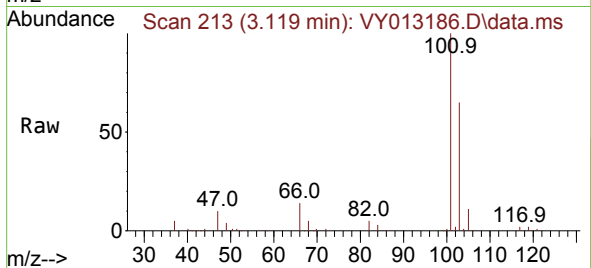




#7
Trichlorofluoromethane
Concen: 39.123 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

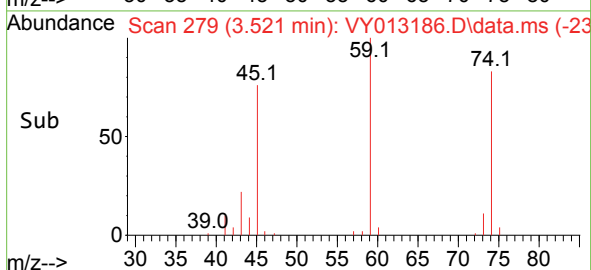
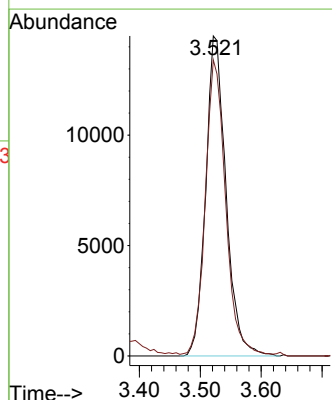
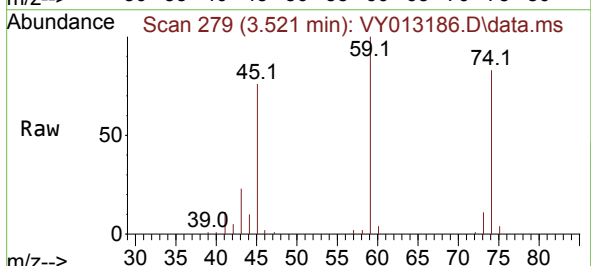
Instrument :
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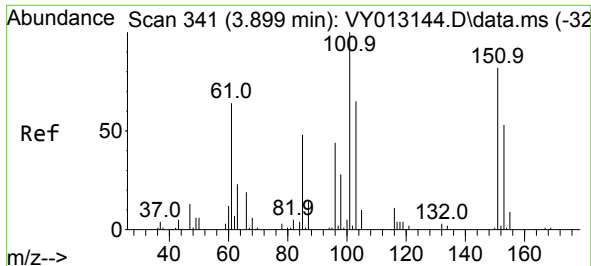
Tgt Ion:101 Resp: 94701
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3



#8
Diethyl Ether
Concen: 44.239 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 74 Resp: 33626
Ion Ratio Lower Upper
74 100
45 91.7 52.1 156.4

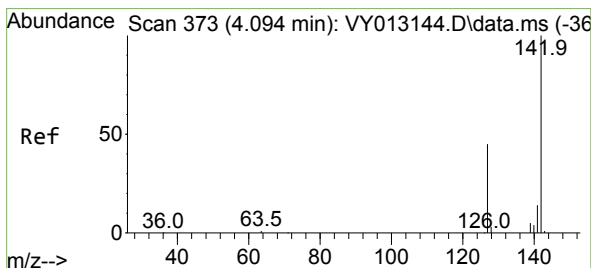
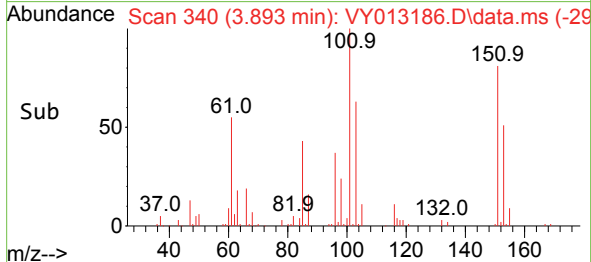
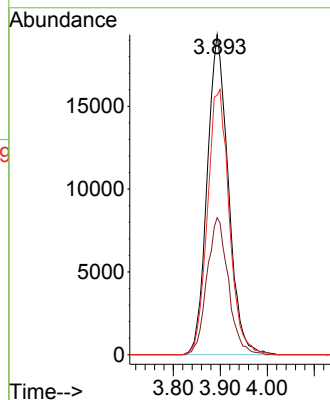
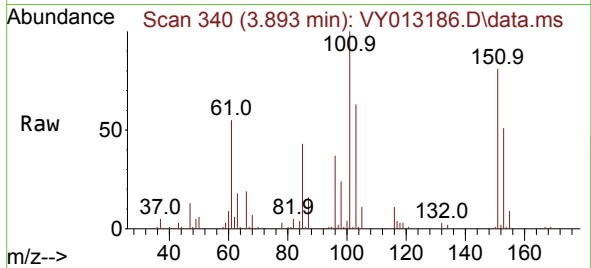




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.201 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

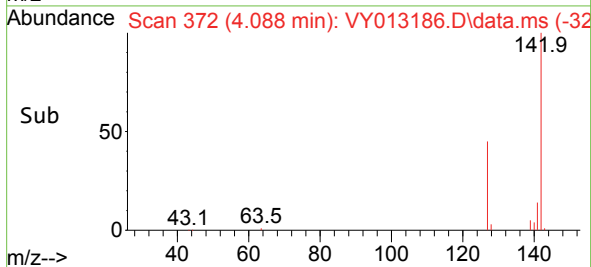
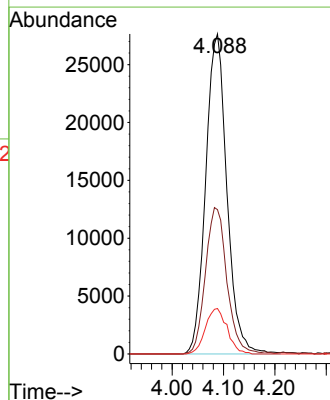
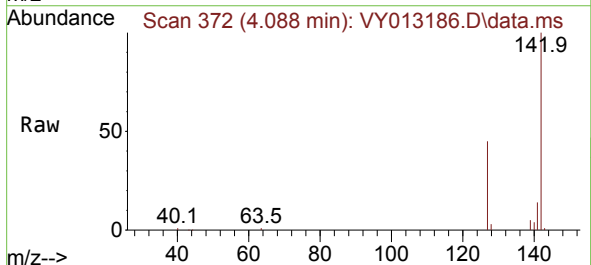
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

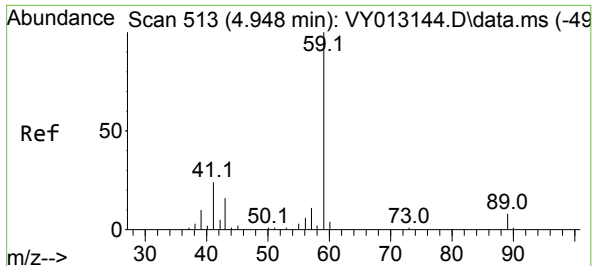
Tgt Ion:101 Resp: 60321
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 85.6 63.1 94.7



#10
Methyl Iodide
Concen: 45.531 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:142 Resp: 79123
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 14.6 11.3 16.9

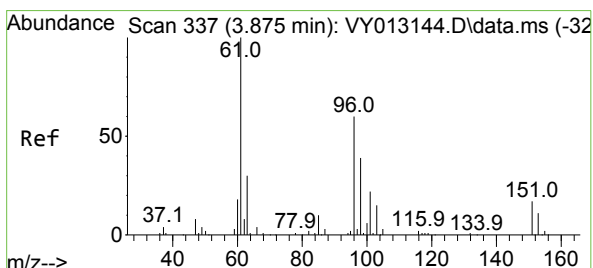
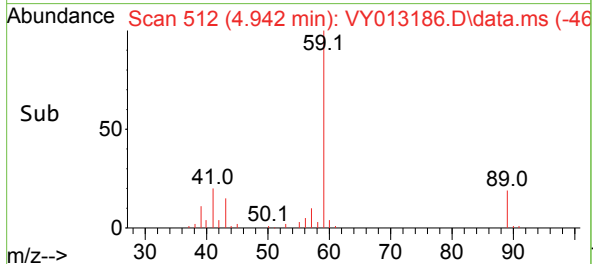
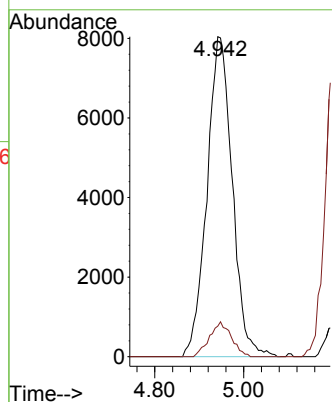
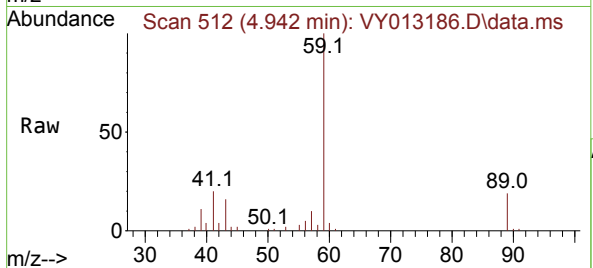




#11
Tert butyl alcohol
Concen: 247.347 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

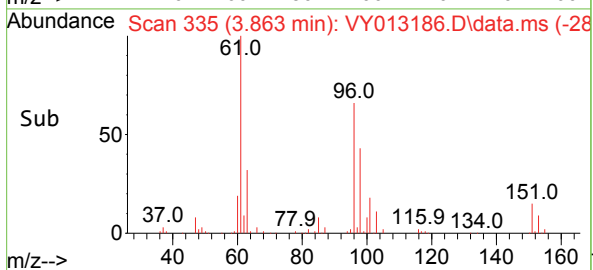
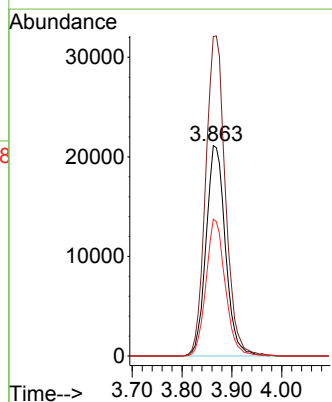
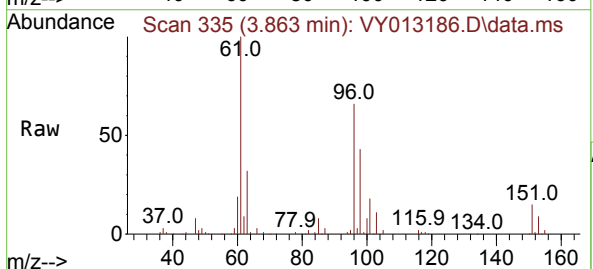
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

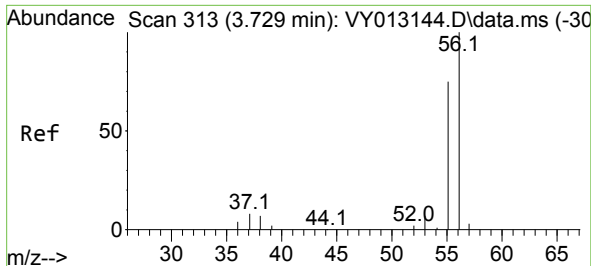
Tgt Ion: 59 Resp: 31791
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 44.179 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 96 Resp: 56993
Ion Ratio Lower Upper
96 100
61 151.9 131.7 197.5
98 65.1 52.0 78.0





#13

Acrolein

Concen: 205.359 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

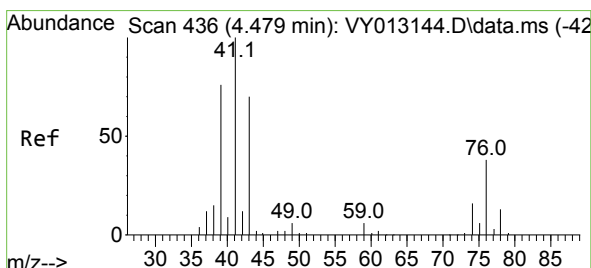
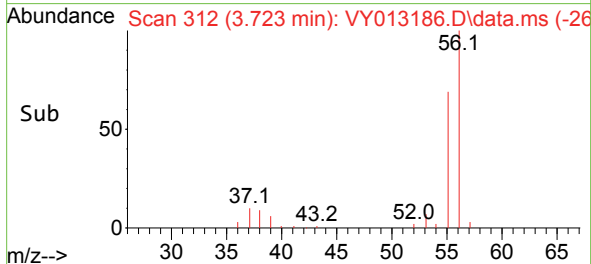
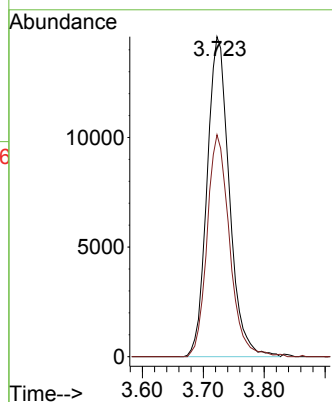
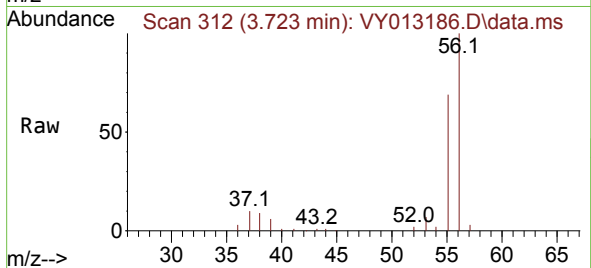
VSTDCCC050EC

Tgt Ion: 56 Resp: 37040

Ion Ratio Lower Upper

56 100

55 70.1 56.8 85.2



#14

Allyl chloride

Concen: 39.698 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

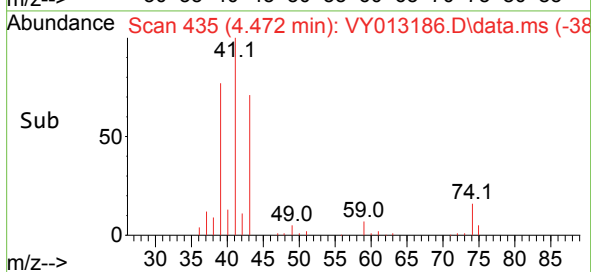
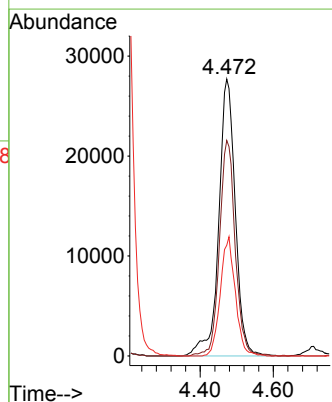
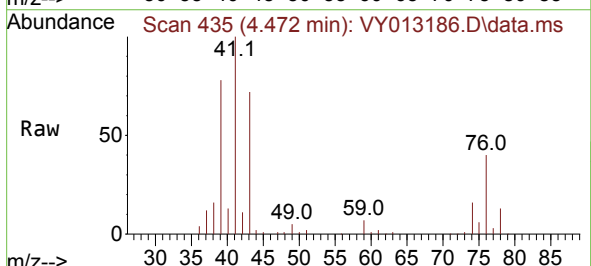
Tgt Ion: 41 Resp: 87260

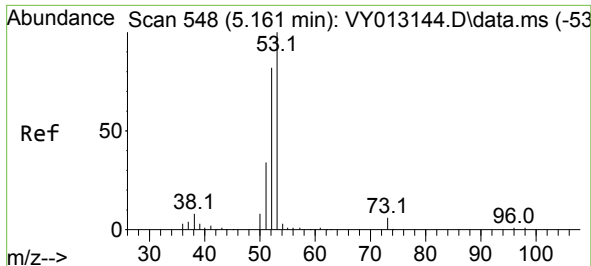
Ion Ratio Lower Upper

41 100

39 74.0 53.6 80.4

76 39.0 27.2 40.8

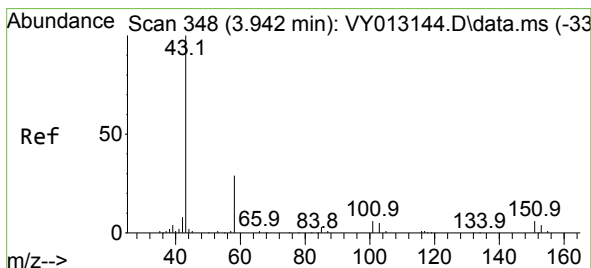
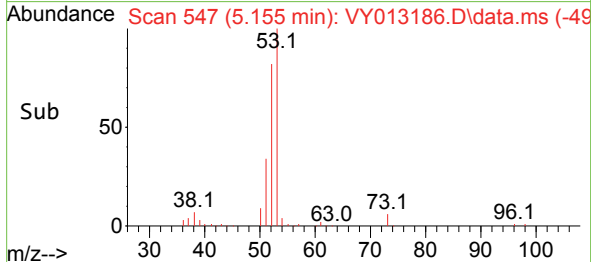
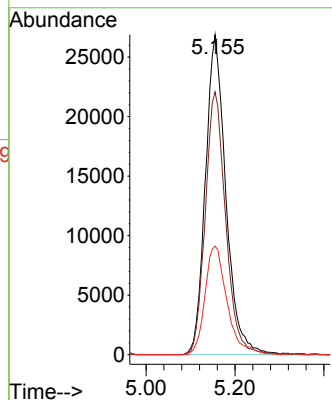
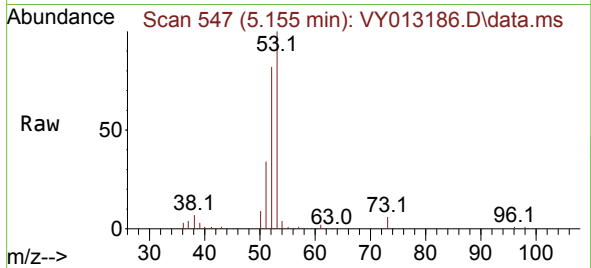




#15
Acrylonitrile
Concen: 228.134 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

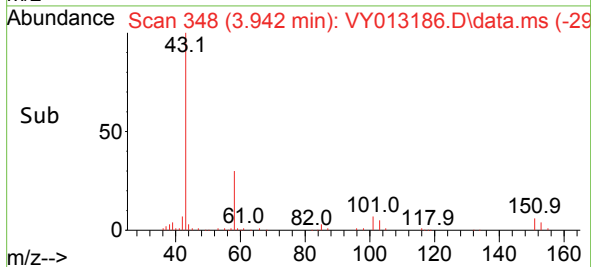
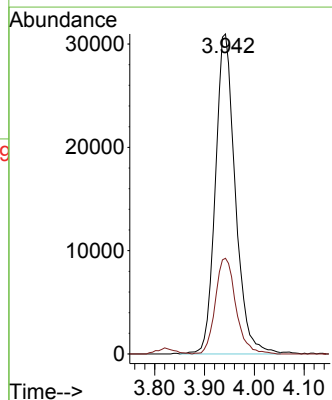
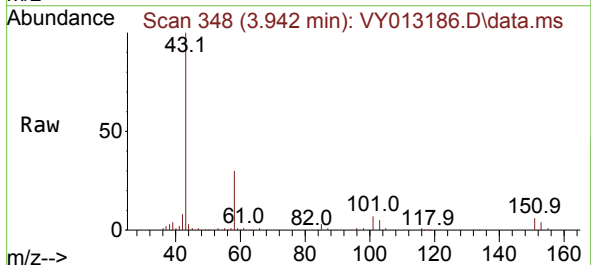
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

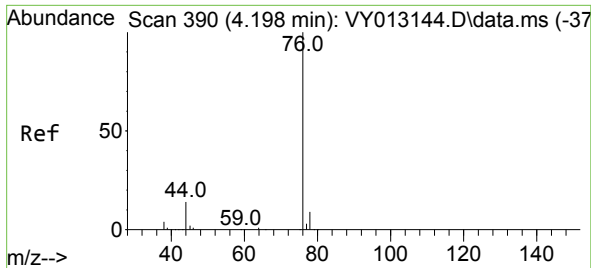
Tgt Ion: 53 Resp: 86167
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 196.958 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 43 Resp: 85886
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.2

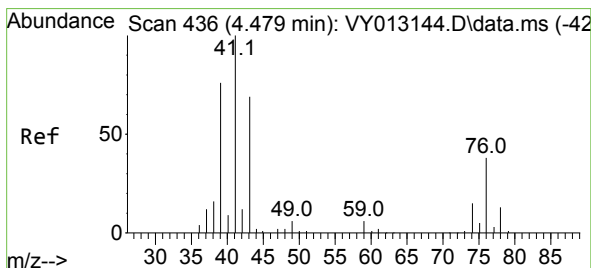
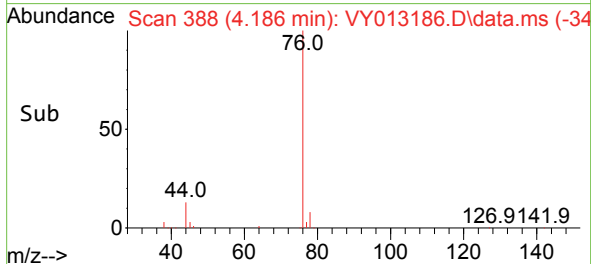
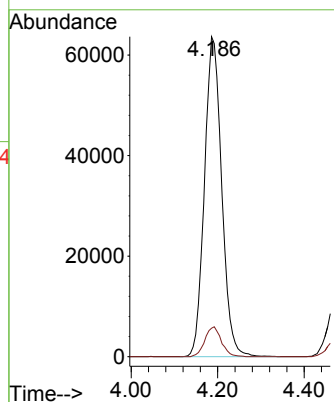
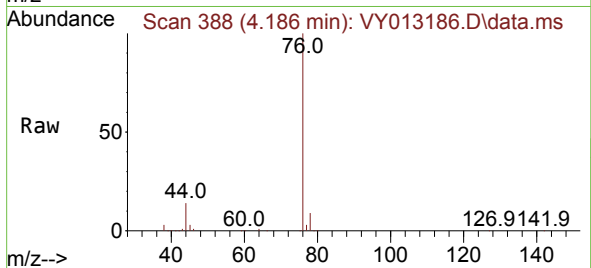




#17
Carbon Disulfide
Concen: 40.997 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

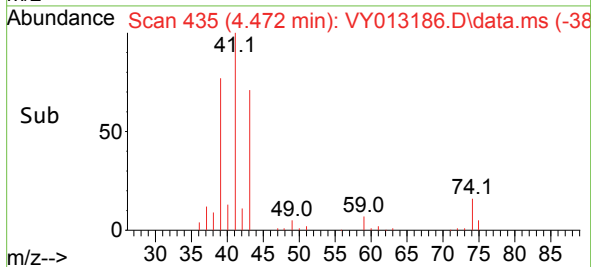
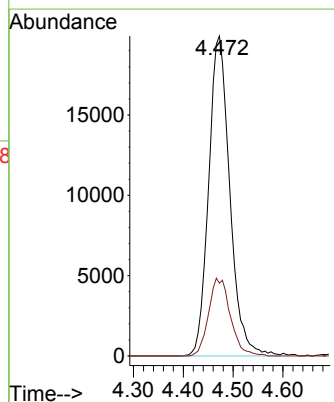
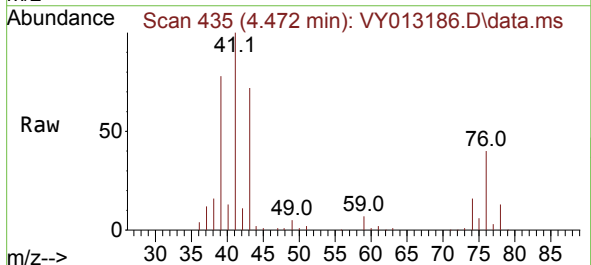
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

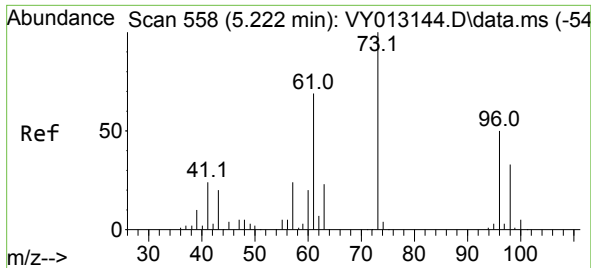
Tgt Ion: 76 Resp: 176131
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 42.686 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 43 Resp: 58650
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

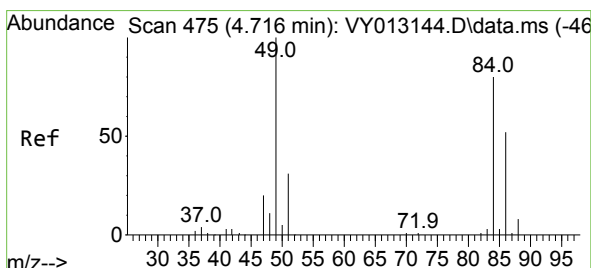
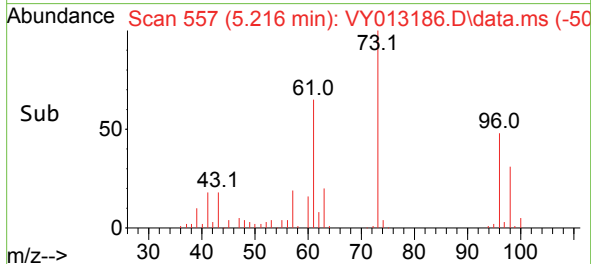
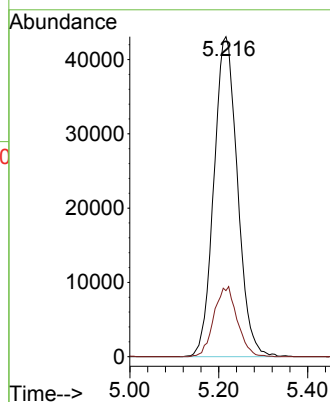
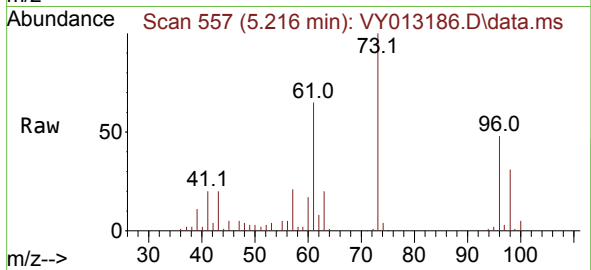




#19
Methyl tert-butyl Ether
Concen: 48.577 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

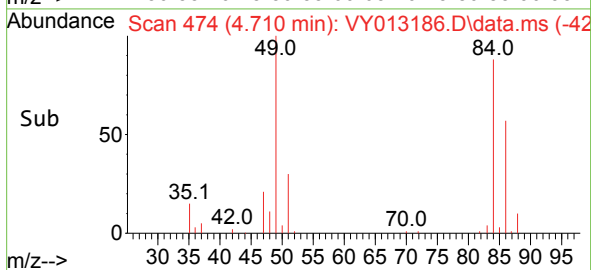
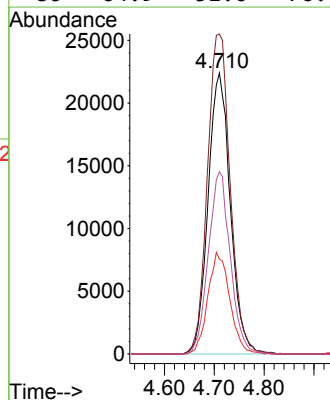
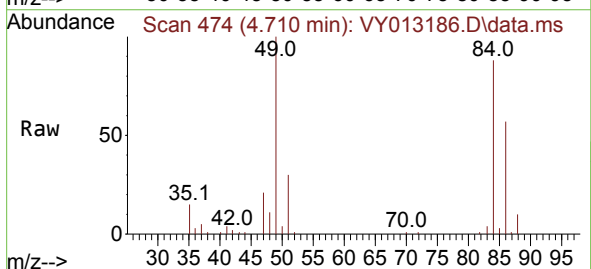
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

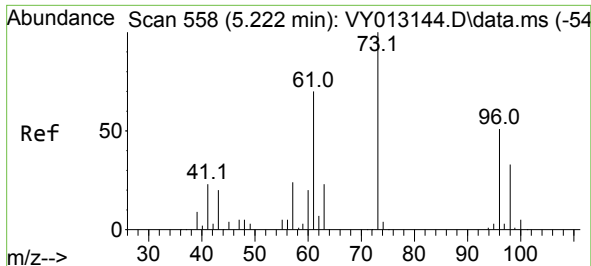
Tgt Ion: 73 Resp: 158799
Ion Ratio Lower Upper
73 100
57 20.7 18.3 27.5



#20
Methylene Chloride
Concen: 45.629 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 84 Resp: 69393
Ion Ratio Lower Upper
84 100
49 113.9 102.6 154.0
51 33.7 31.9 47.9
86 64.9 51.0 76.6

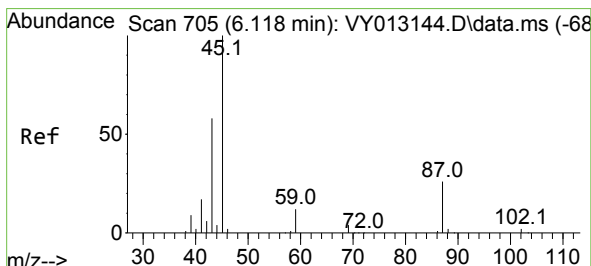
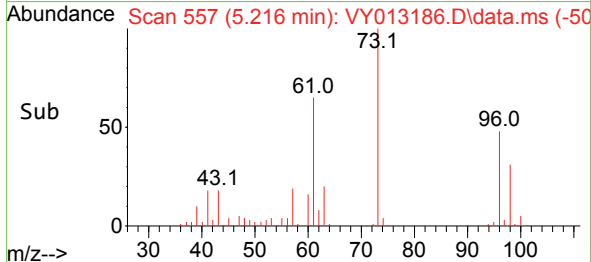
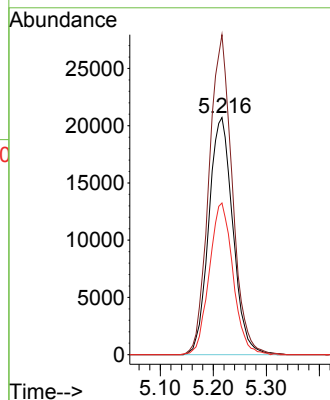
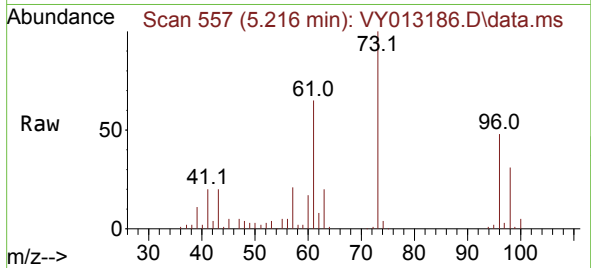




#21
trans-1,2-Dichloroethene
Concen: 44.981 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

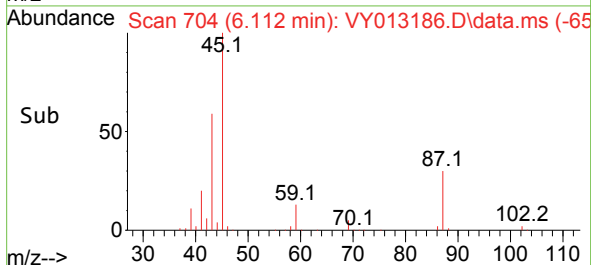
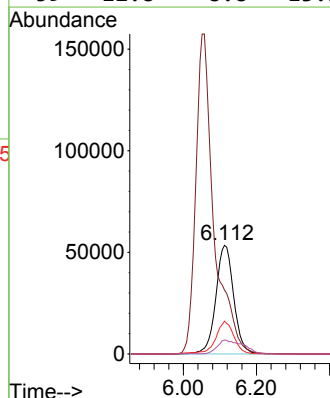
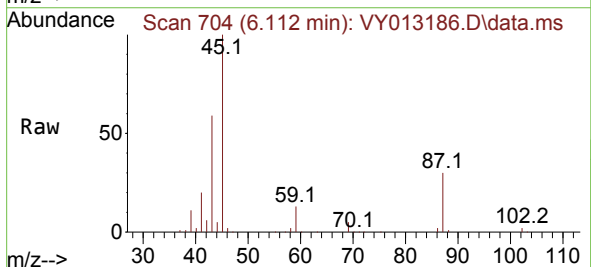
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

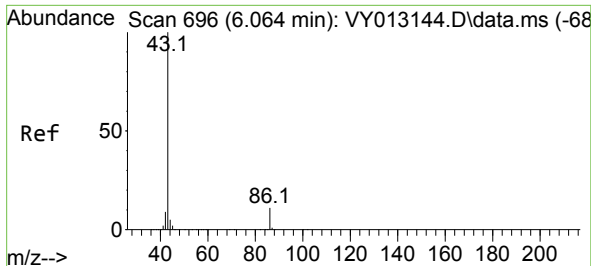
Tgt Ion: 96 Resp: 65381
Ion Ratio Lower Upper
96 100
61 135.0 111.4 167.0
98 64.0 50.8 76.2



#22
Diisopropyl ether
Concen: 42.300 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 45 Resp: 181657
Ion Ratio Lower Upper
45 100
43 58.5 45.0 67.6
87 30.2 20.3 30.5
59 12.8 8.8 13.2

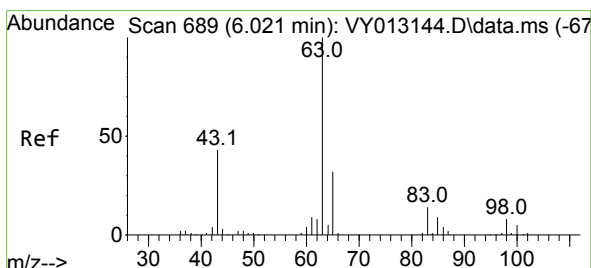
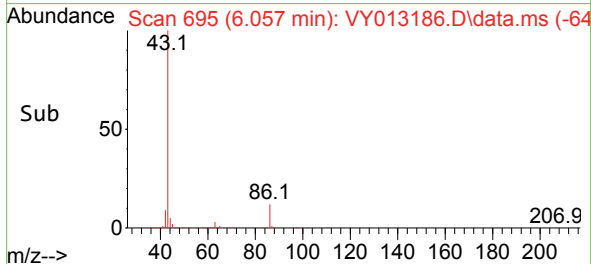
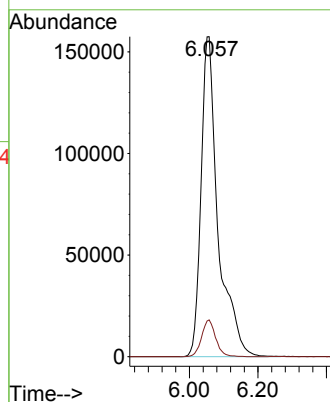
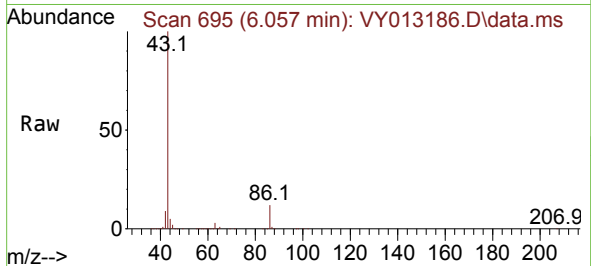




#23
 Vinyl Acetate
 Concen: 222.254 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.007 min
 Lab File: VY013186.D
 Acq: 03 Apr 2023 19:15

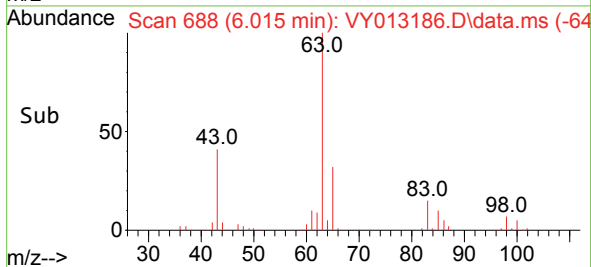
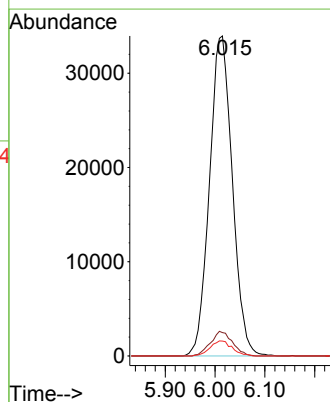
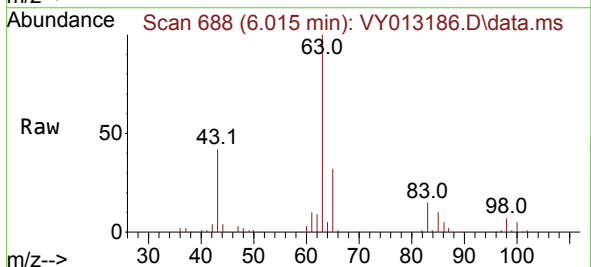
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

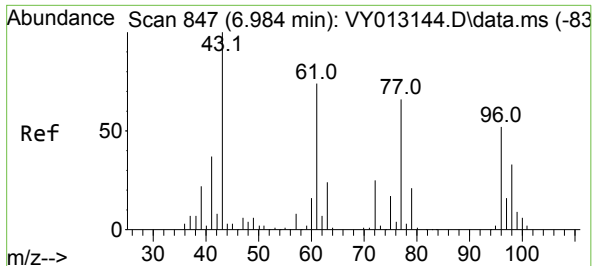
Tgt Ion: 43 Resp: 542771
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 42.518 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013186.D
 Acq: 03 Apr 2023 19:15

Tgt Ion: 63 Resp: 108140
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 215.280 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

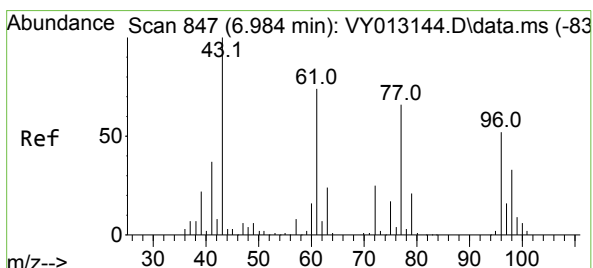
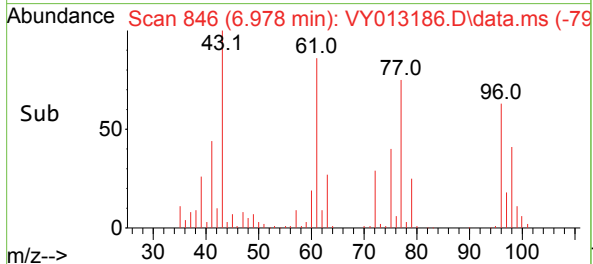
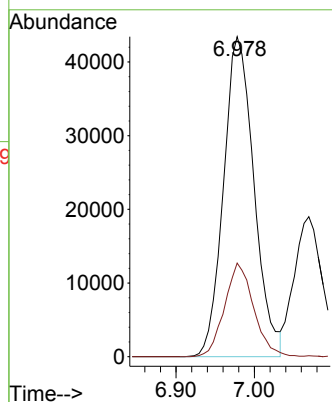
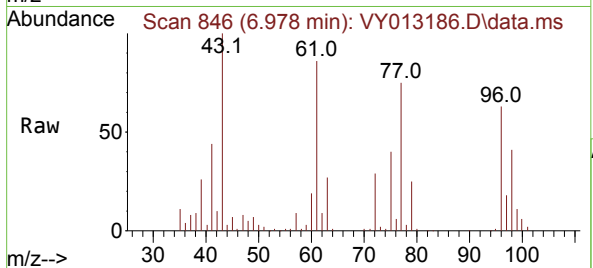
VSTDCCC050EC

Tgt Ion: 43 Resp: 117382

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 43.288 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013186.D

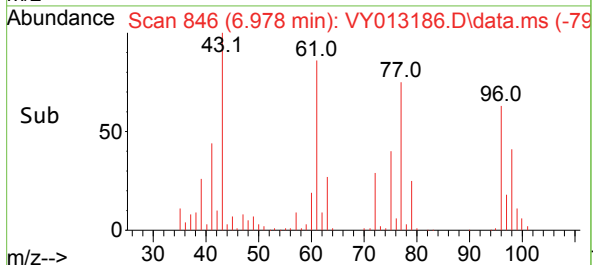
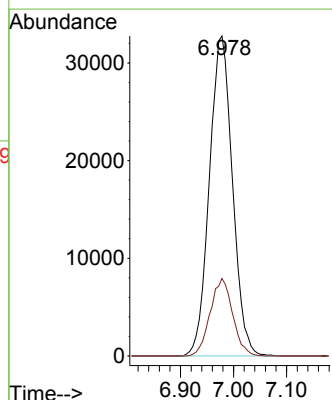
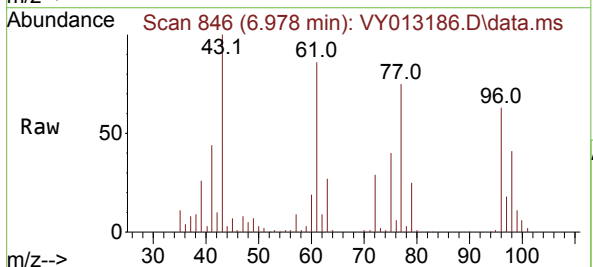
Acq: 03 Apr 2023 19:15

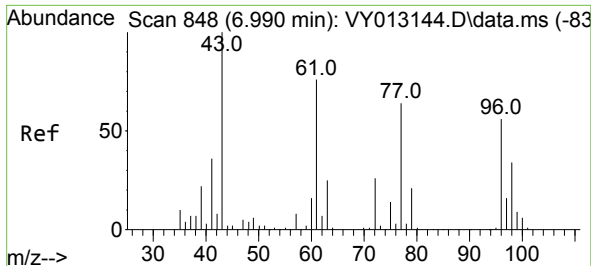
Tgt Ion: 77 Resp: 99028

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.403 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

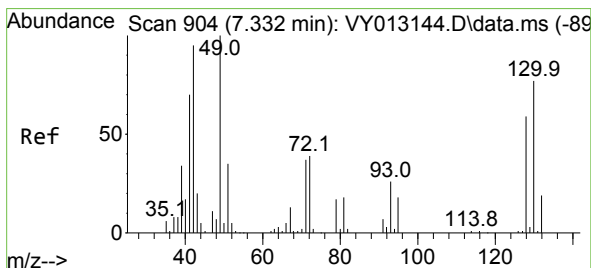
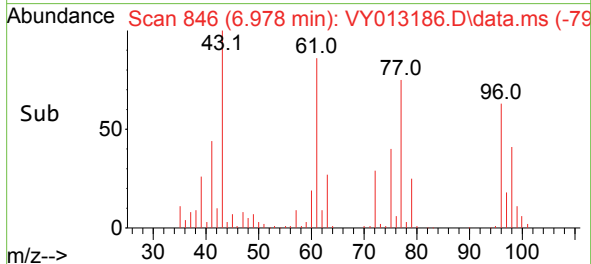
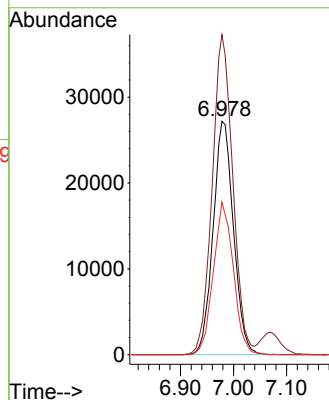
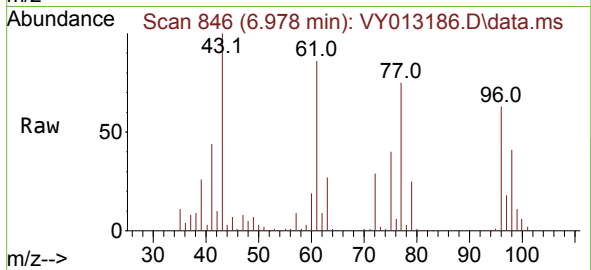
Tgt Ion: 96 Resp: 72664

Ion Ratio Lower Upper

96 100

61 138.4 0.0 295.8

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 41.743 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

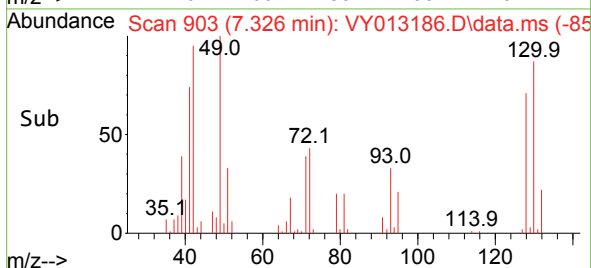
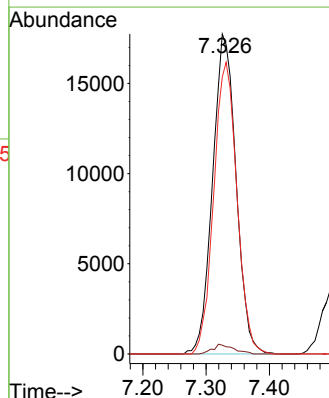
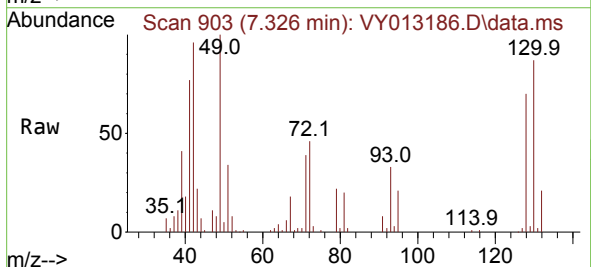
Tgt Ion: 49 Resp: 45556

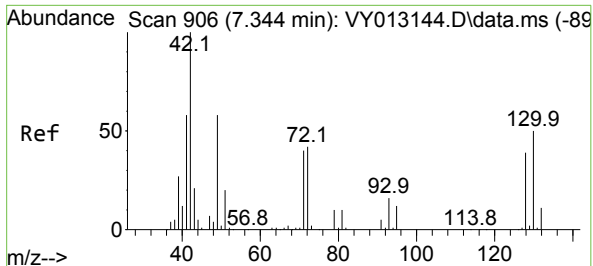
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 90.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 228.342 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

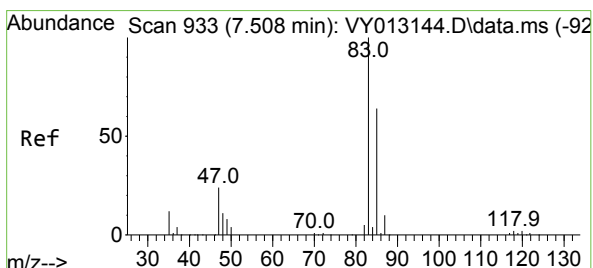
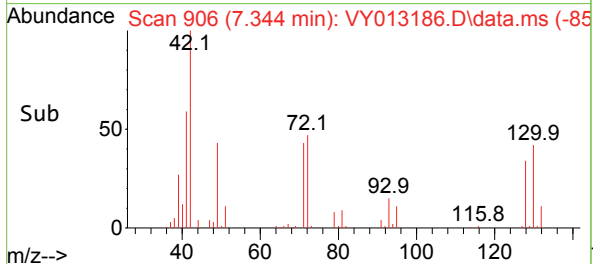
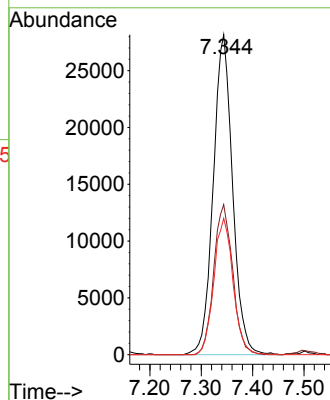
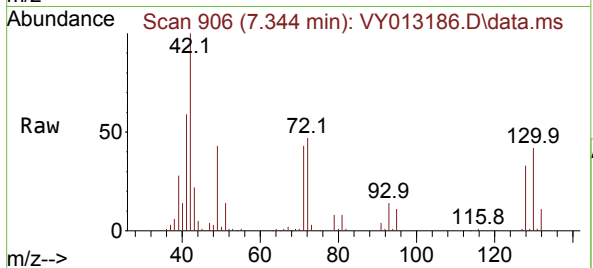
Tgt Ion: 42 Resp: 73702

Ion Ratio Lower Upper

42 100

72 45.9 32.3 48.5

71 42.3 30.3 45.5



#30

Chloroform

Concen: 45.583 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013186.D

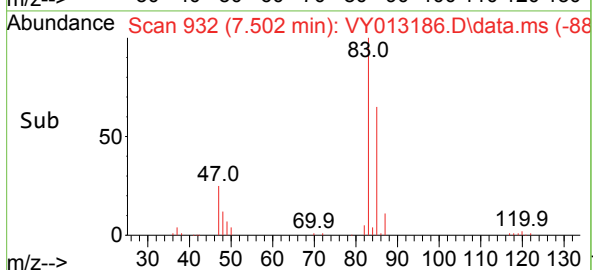
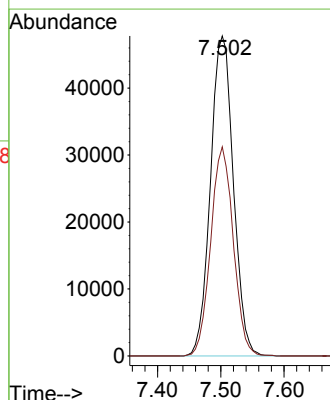
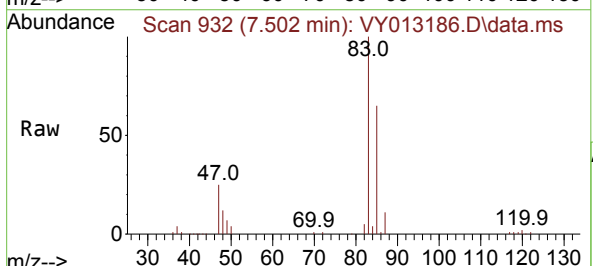
Acq: 03 Apr 2023 19:15

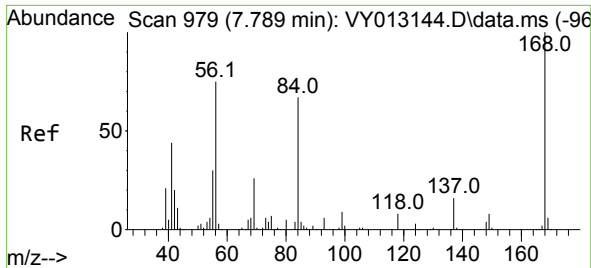
Tgt Ion: 83 Resp: 120056

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

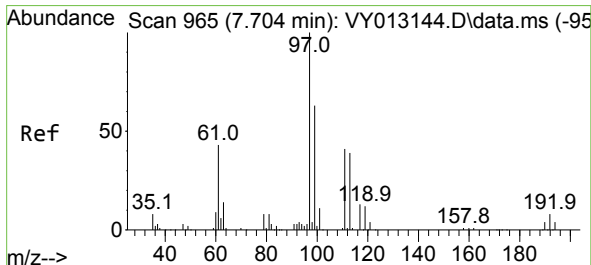
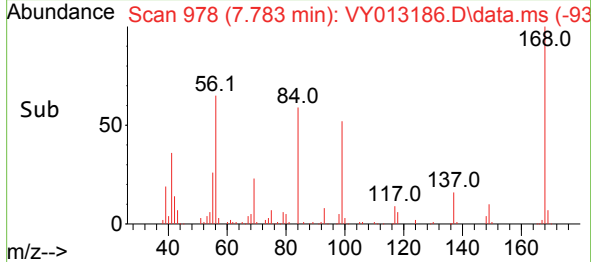
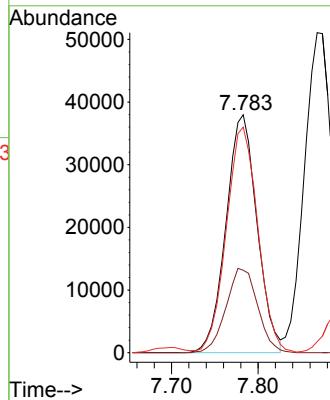
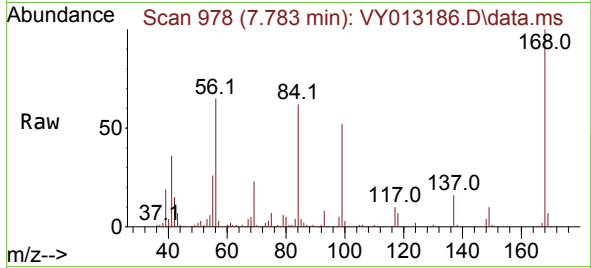




#31
Cyclohexane
Concen: 40.625 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

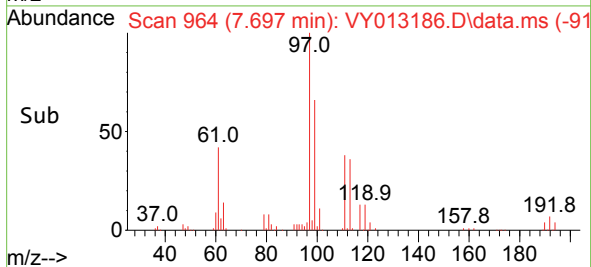
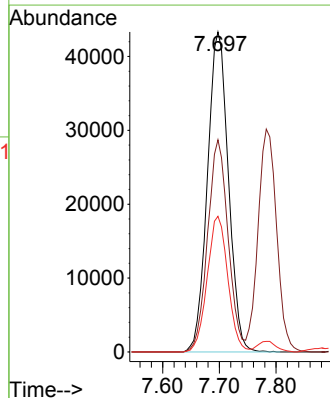
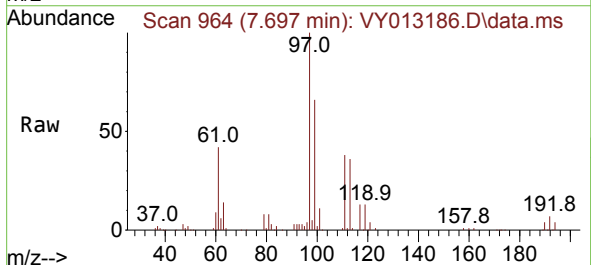
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

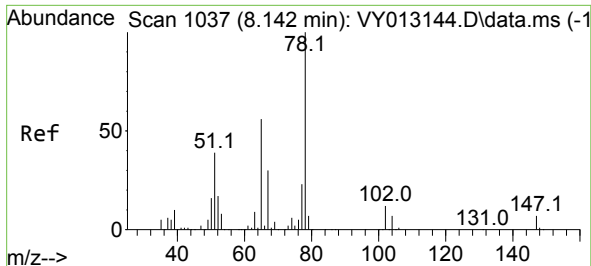
Tgt Ion: 56 Resp: 94579
Ion Ratio Lower Upper
56 100
69 34.7 25.7 38.5
84 93.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 47.795 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 97 Resp: 111299
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 41.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.112 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

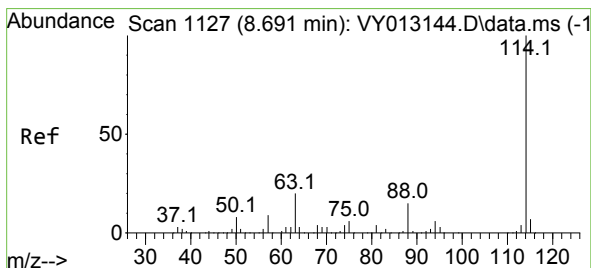
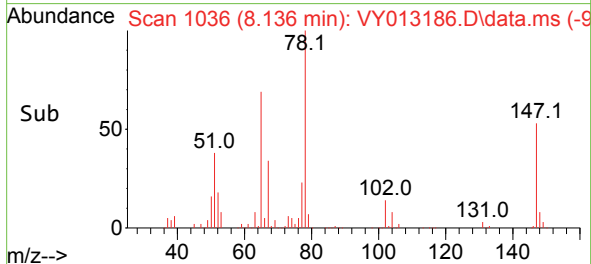
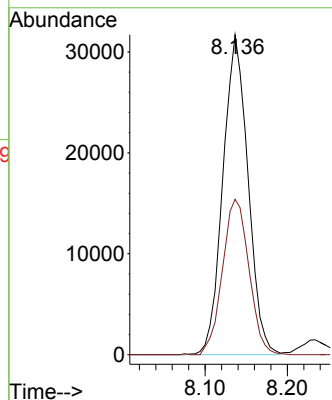
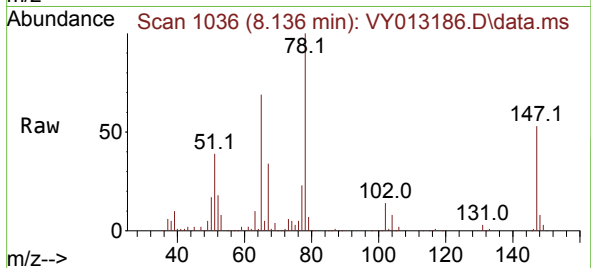
VSTDCCC050EC

Tgt Ion: 65 Resp: 67184

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

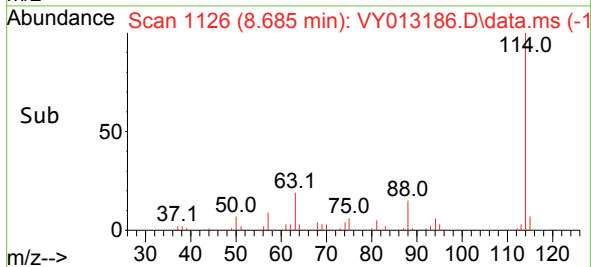
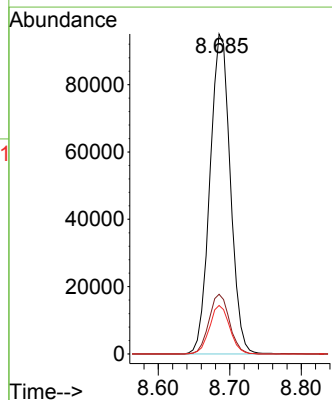
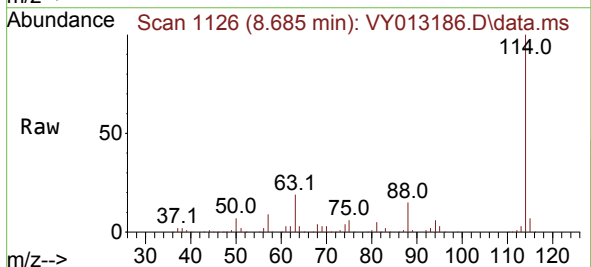
Tgt Ion: 114 Resp: 187841

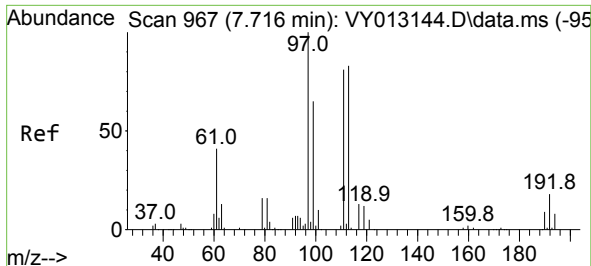
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.1 0.0 28.6

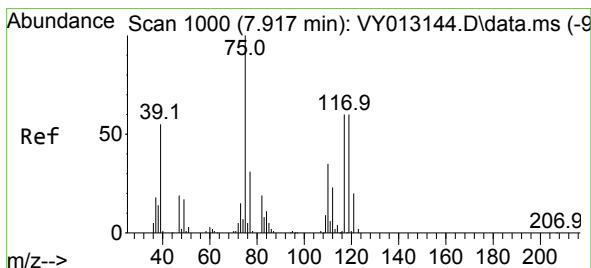
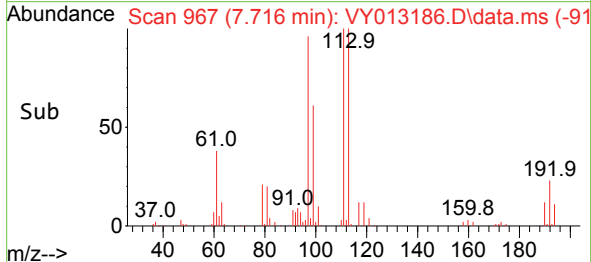
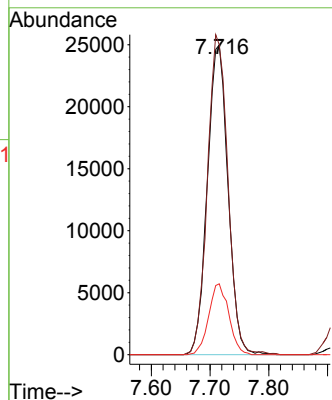
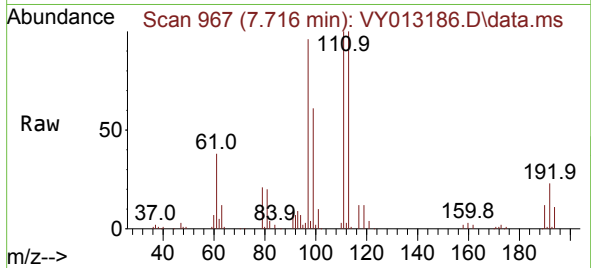




#35
Dibromofluoromethane
Concen: 49.724 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

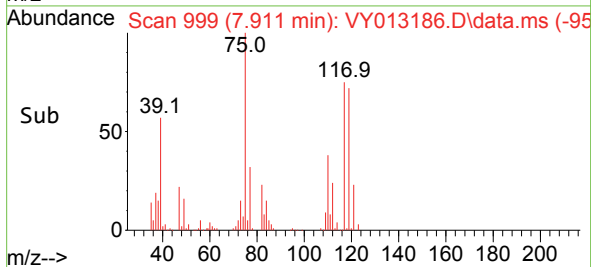
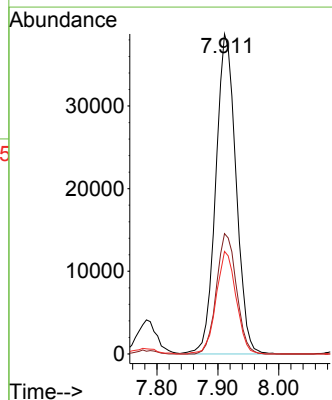
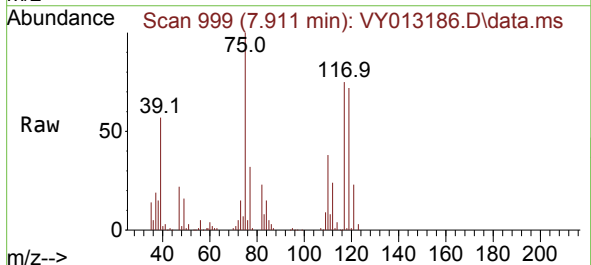
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

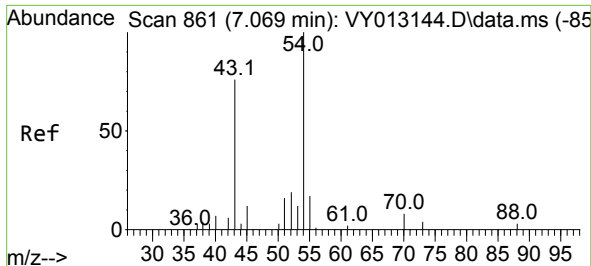
Tgt Ion:113 Resp: 61016
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.378 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 75 Resp: 89370
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 47.065 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

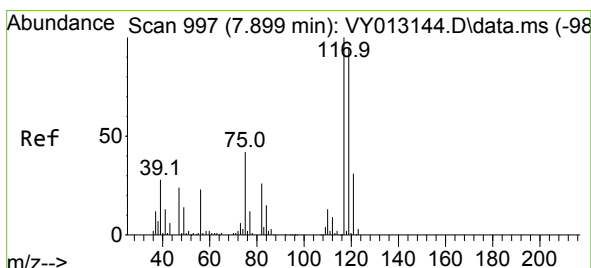
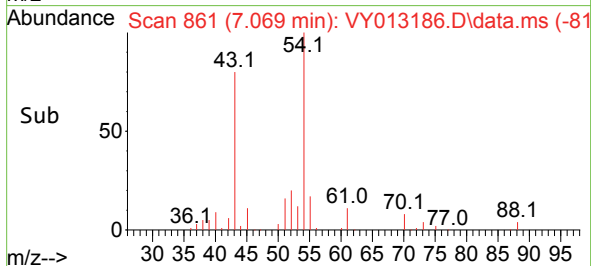
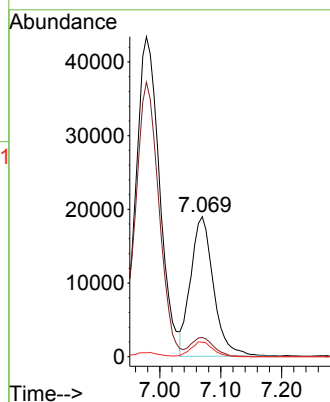
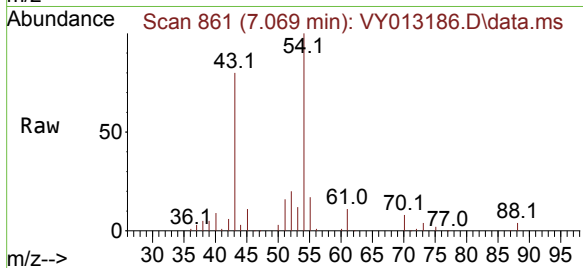
Tgt Ion: 43 Resp: 49390

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.058 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

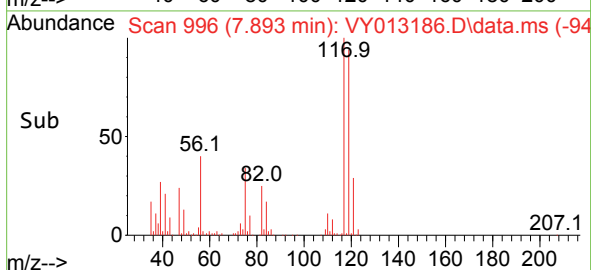
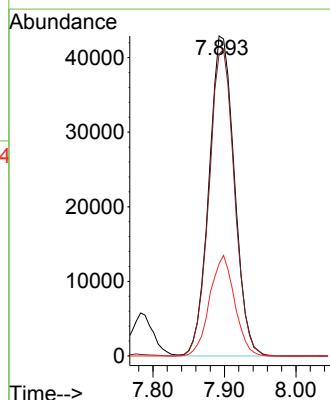
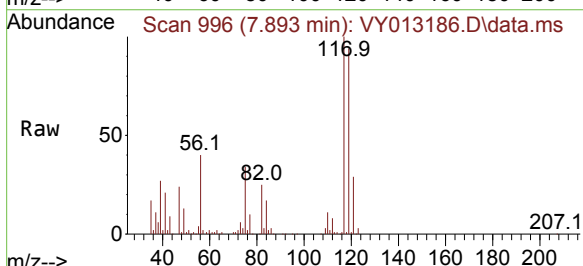
Tgt Ion: 117 Resp: 106110

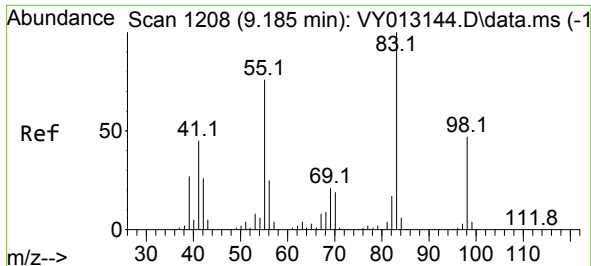
Ion Ratio Lower Upper

117 100

119 94.4 77.2 115.8

121 28.8 24.7 37.1





#39

Methylcyclohexane

Concen: 50.367 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

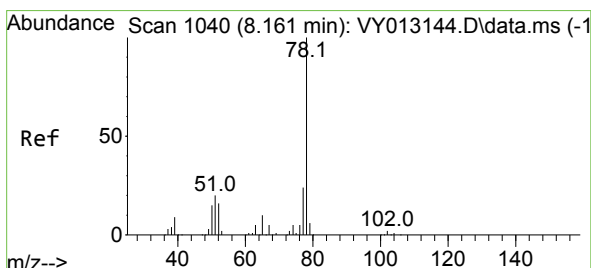
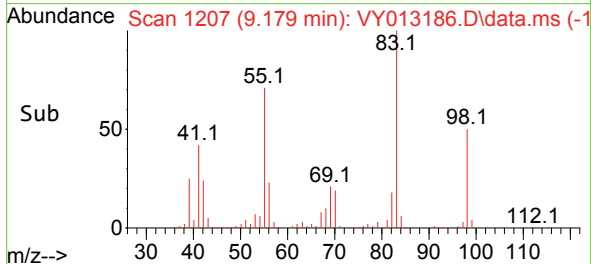
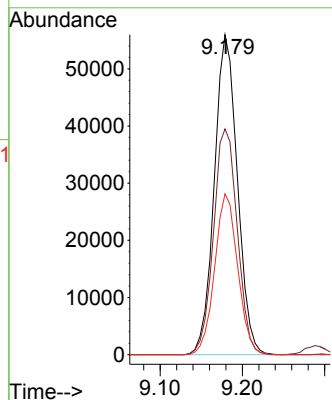
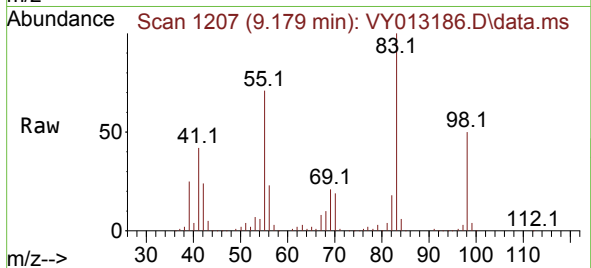
Tgt Ion: 83 Resp: 109158

Ion Ratio Lower Upper

83 100

55 70.6 60.0 90.0

98 50.3 38.3 57.5



#40

Benzene

Concen: 48.302 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013186.D

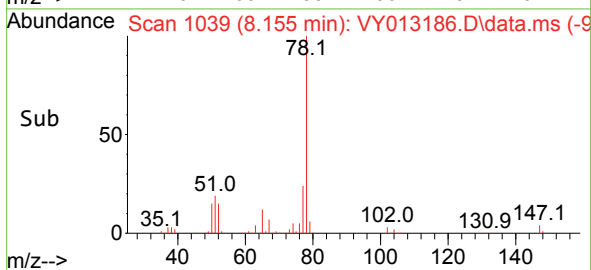
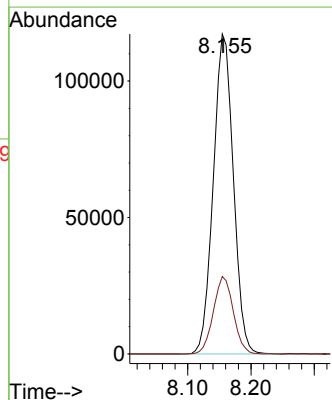
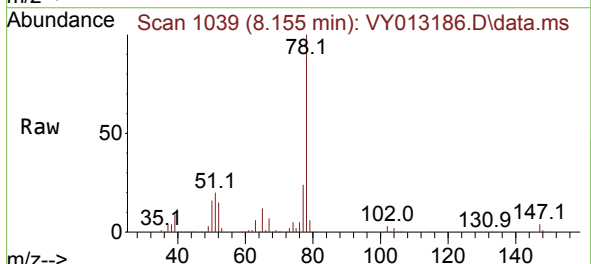
Acq: 03 Apr 2023 19:15

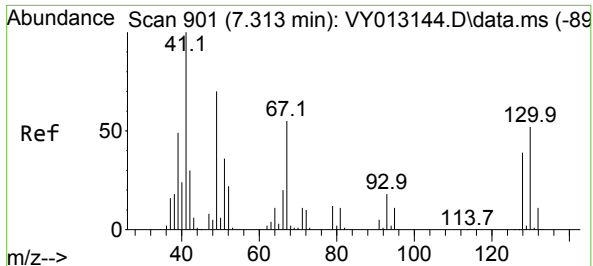
Tgt Ion: 78 Resp: 257722

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

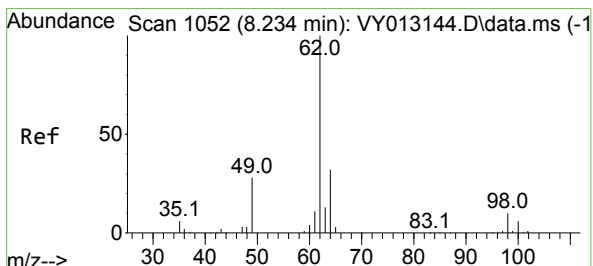
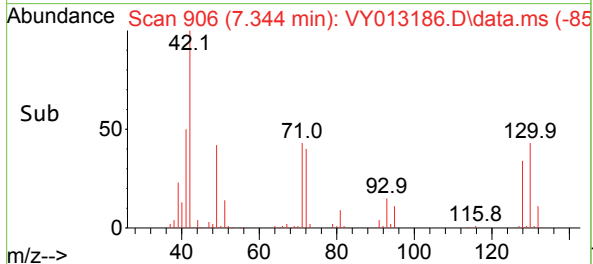
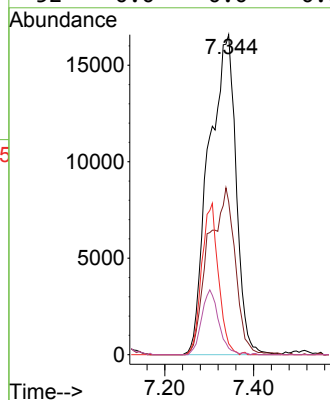
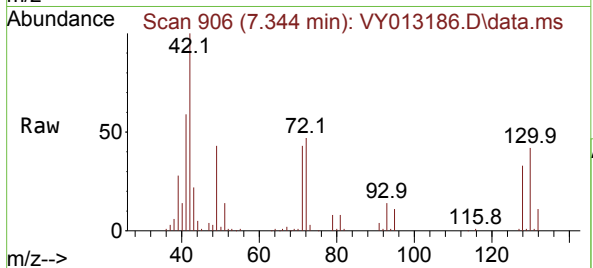




#41
Methacrylonitrile
Concen: 150.982 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

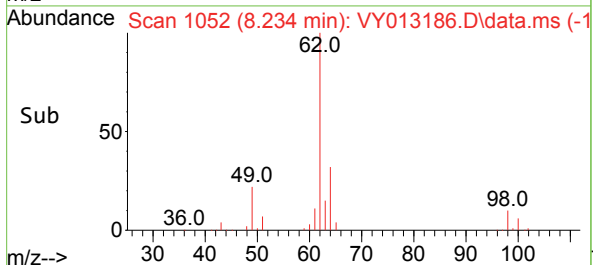
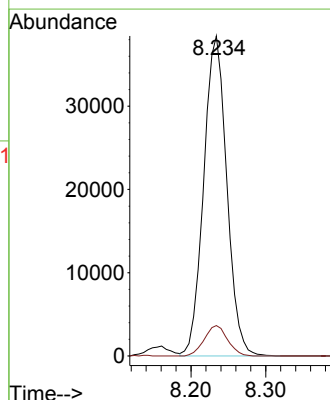
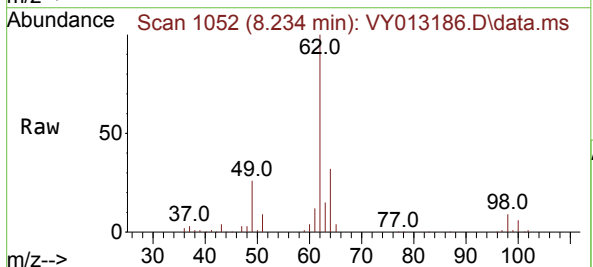
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

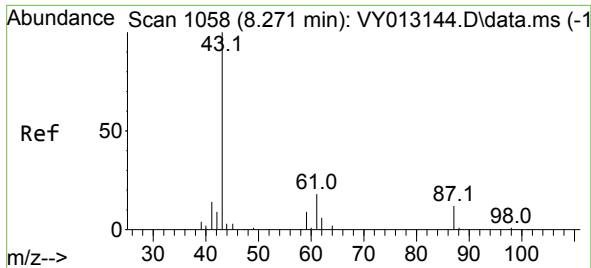
Tgt Ion: 41 Resp: 70289
Ion Ratio Lower Upper
41 100
39 51.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.512 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 62 Resp: 82572
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8

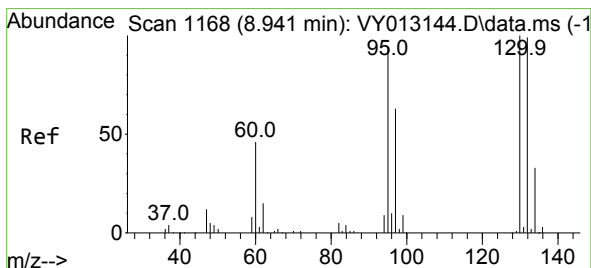
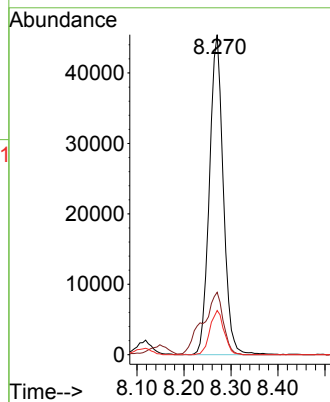
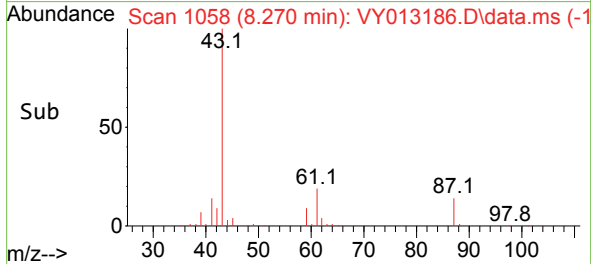
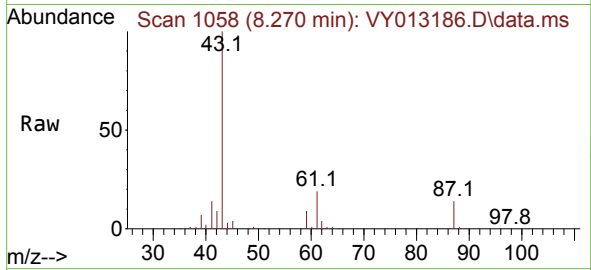




#43
Isopropyl Acetate
Concen: 49.363 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

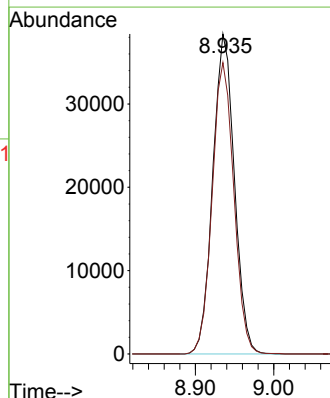
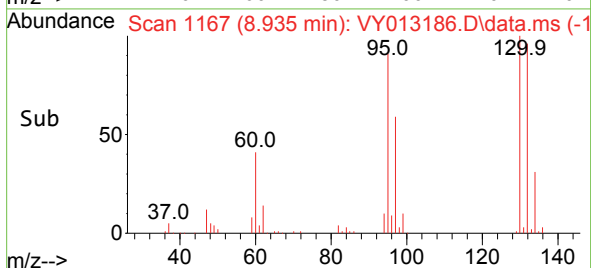
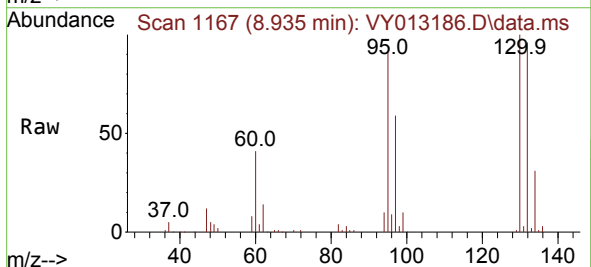
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

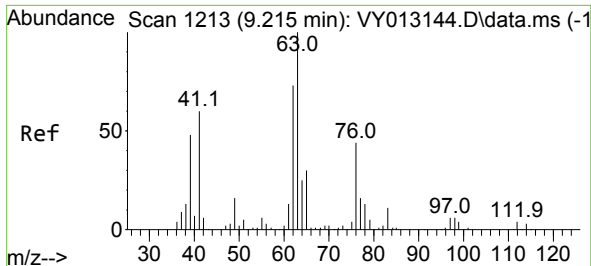
Tgt Ion: 43 Resp: 92724
Ion Ratio Lower Upper
43 100
61 28.9 21.6 32.4
87 14.1 9.9 14.9



#44
Trichloroethene
Concen: 50.169 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 130 Resp: 73688
Ion Ratio Lower Upper
130 100
95 91.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 45.808 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

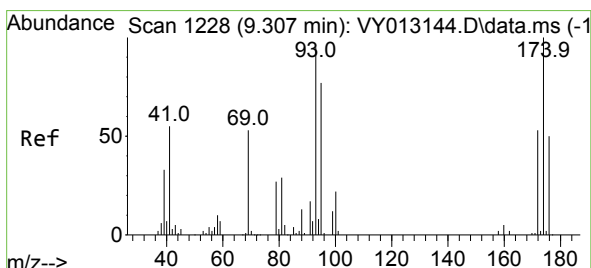
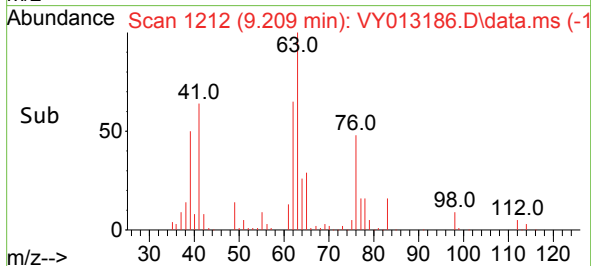
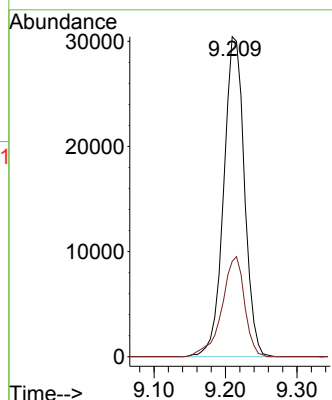
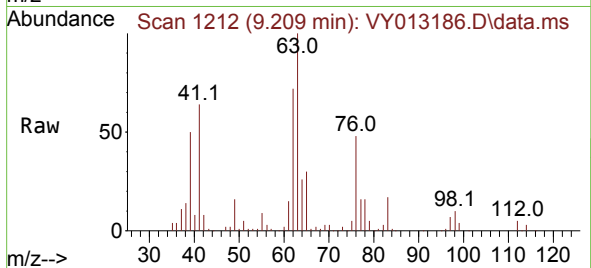
VSTDCCC050EC

Tgt Ion: 63 Resp: 61203

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 51.097 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

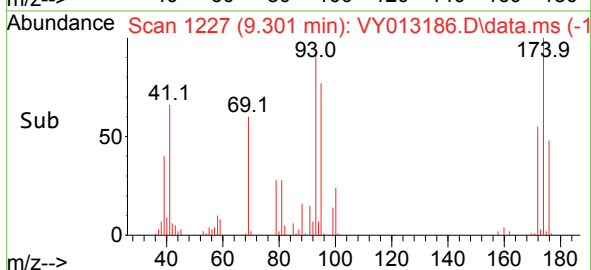
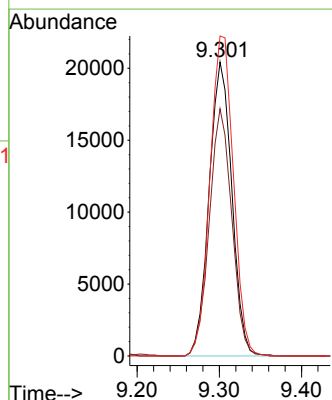
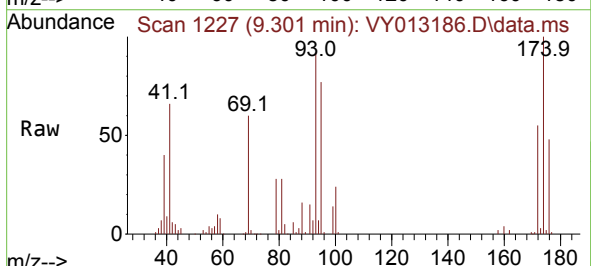
Tgt Ion: 93 Resp: 39218

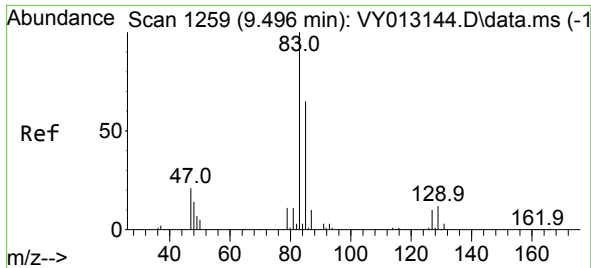
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 112.3 81.3 121.9

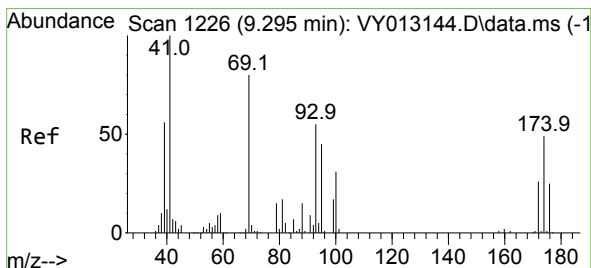
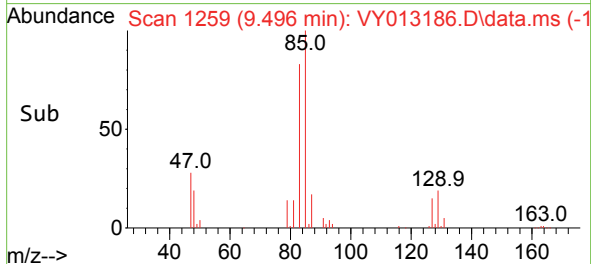
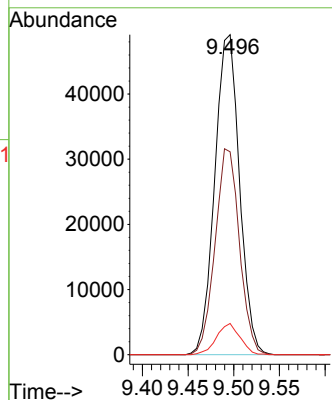
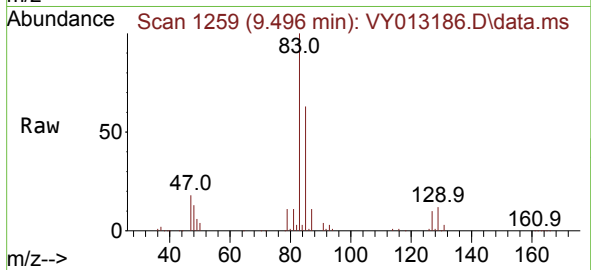




#47
Bromodichloromethane
Concen: 49.923 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

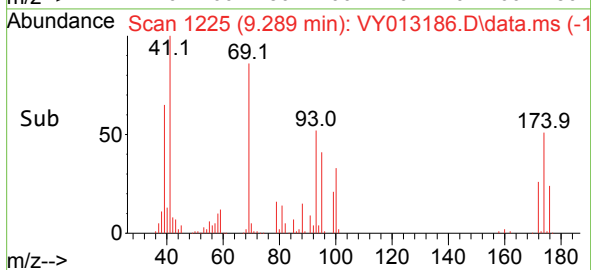
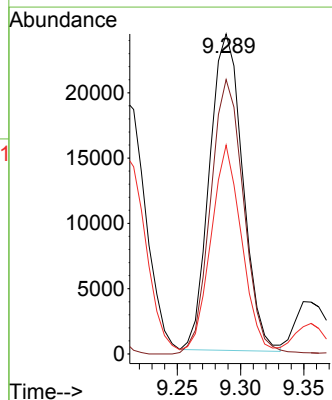
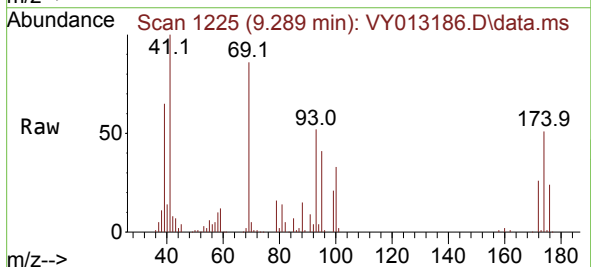
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

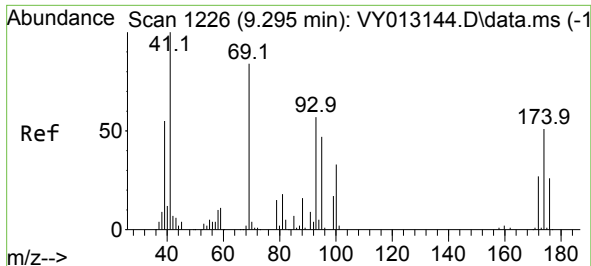
Tgt Ion: 83 Resp: 92455
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 50.648 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 41 Resp: 44308
Ion Ratio Lower Upper
41 100
69 86.9 64.1 96.1
39 59.0 44.0 66.0





#49

1,4-Dioxane

Concen: 1133.966 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

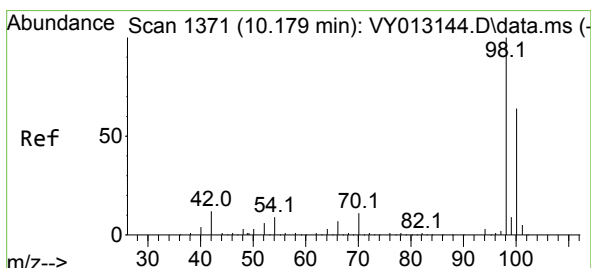
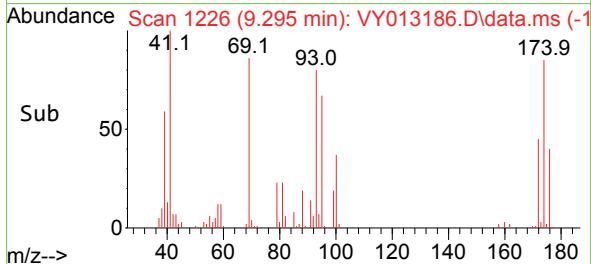
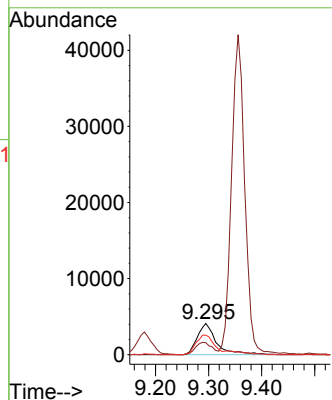
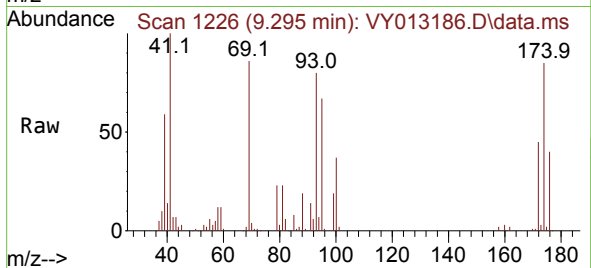
Tgt Ion: 88 Resp: 10354

Ion Ratio Lower Upper

88 100

43 34.2 28.6 42.8

58 69.7 55.2 82.8



#50

Toluene-d8

Concen: 41.791 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013186.D

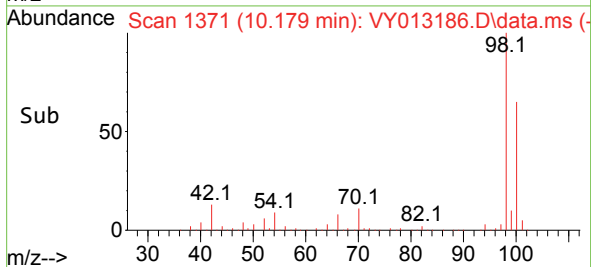
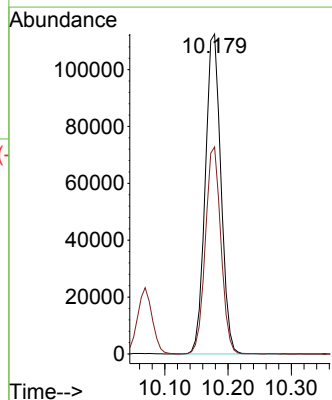
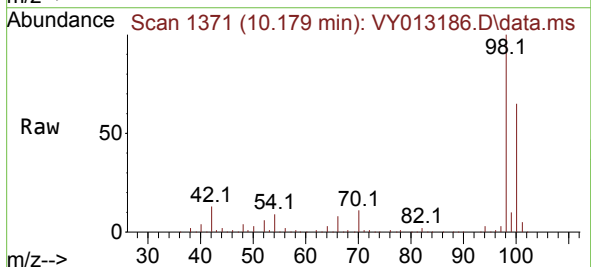
Acq: 03 Apr 2023 19:15

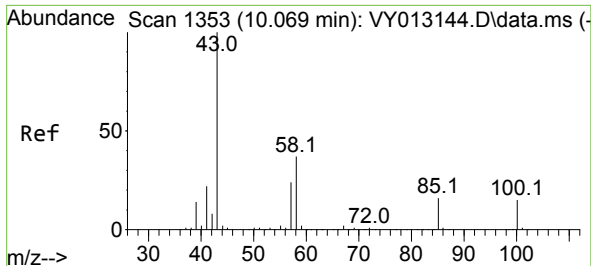
Tgt Ion: 98 Resp: 193595

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 269.077 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

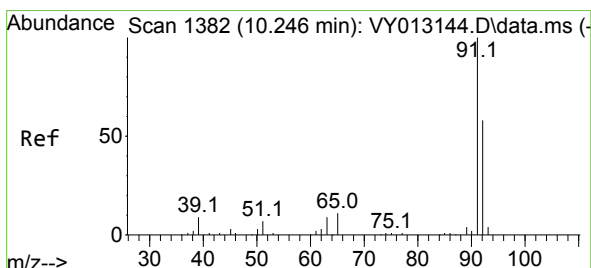
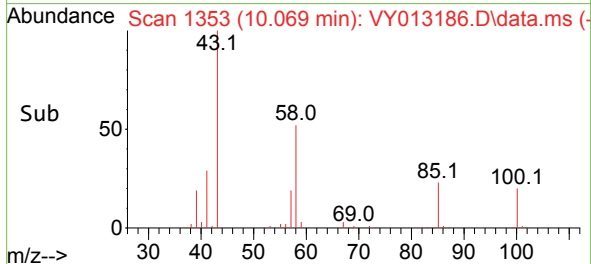
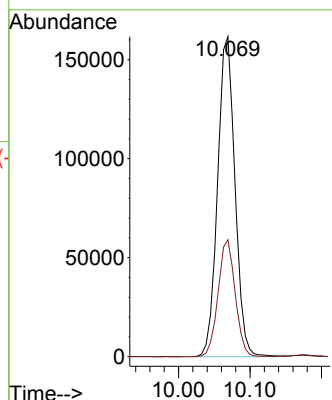
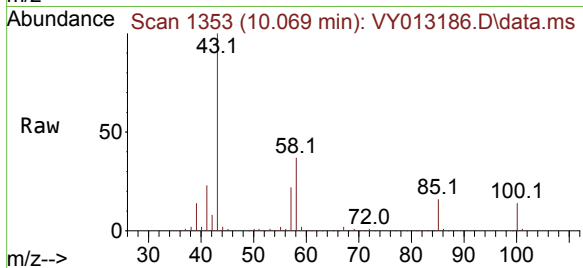
VSTDCCC050EC

Tgt Ion: 43 Resp: 272777

Ion Ratio Lower Upper

43 100

58 36.0 29.8 44.6



#52

Toluene

Concen: 45.506 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013186.D

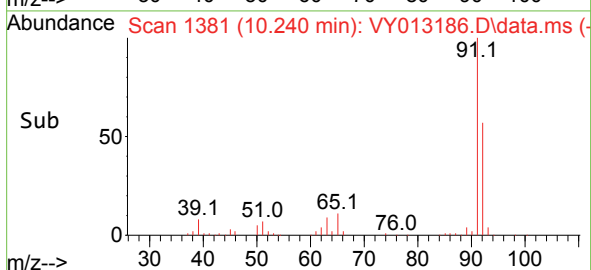
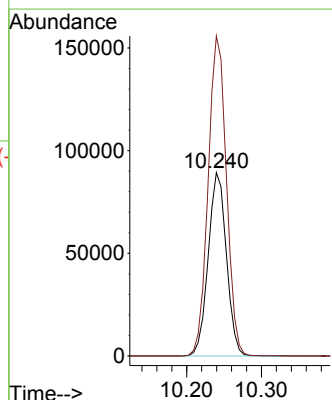
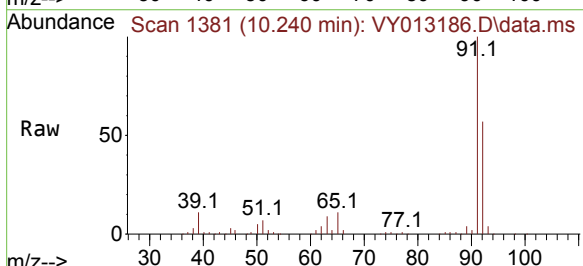
Acq: 03 Apr 2023 19:15

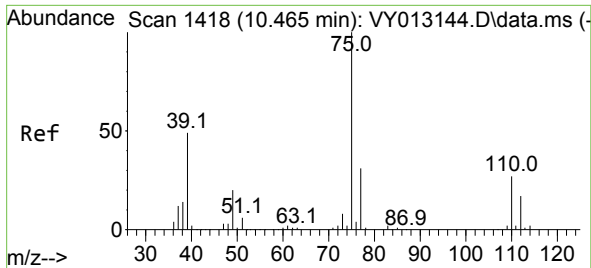
Tgt Ion: 92 Resp: 150611

Ion Ratio Lower Upper

92 100

91 175.6 141.3 211.9

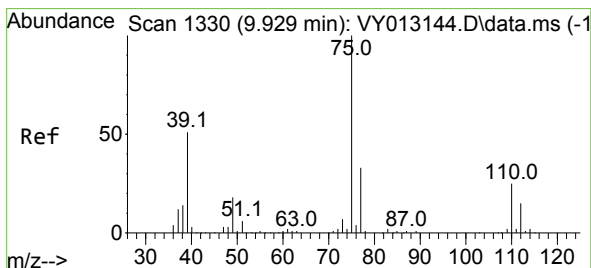
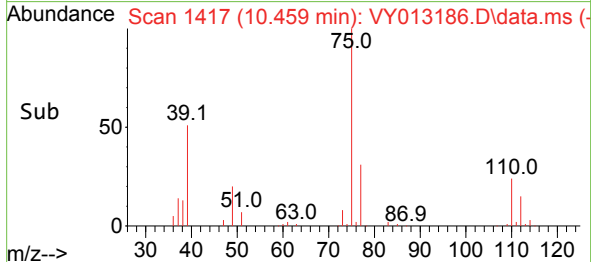
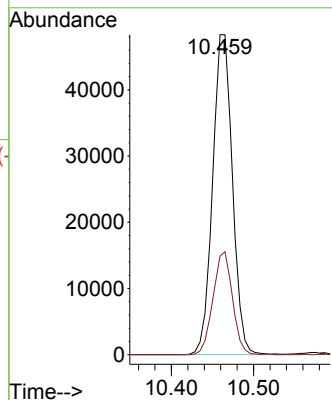
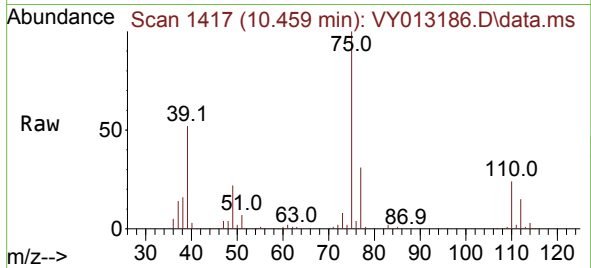




#53
 t-1,3-Dichloropropene
 Concen: 42.777 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013186.D
 Acq: 03 Apr 2023 19:15

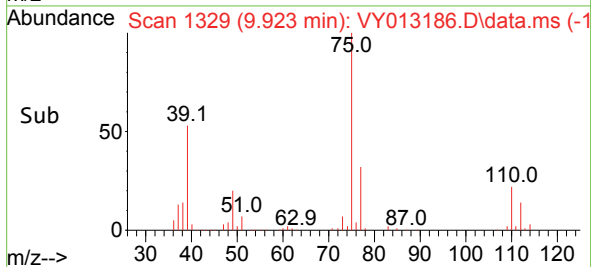
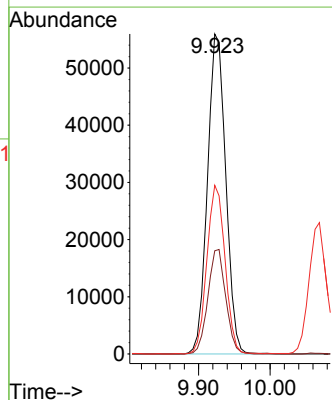
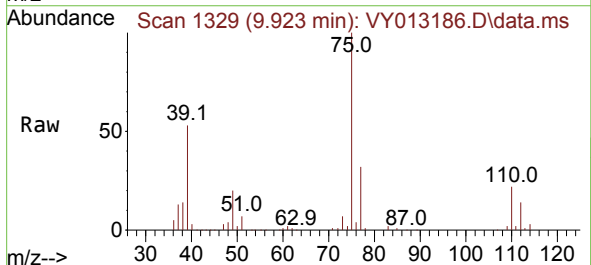
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

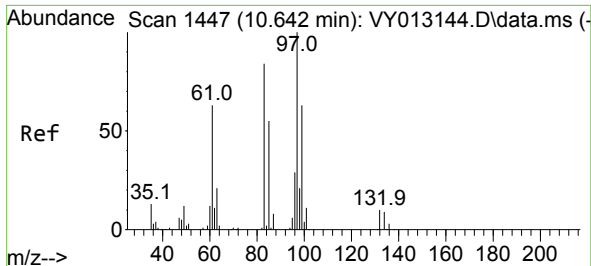
Tgt Ion: 75 Resp: 80974
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.966 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013186.D
 Acq: 03 Apr 2023 19:15

Tgt Ion: 75 Resp: 99372
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 52.6 39.0 58.4

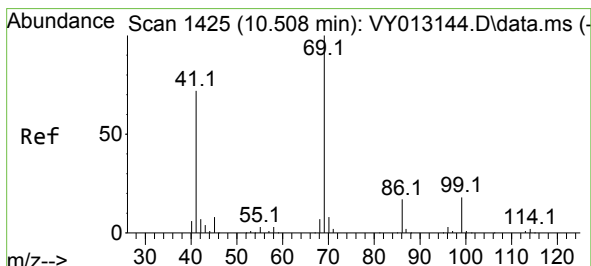
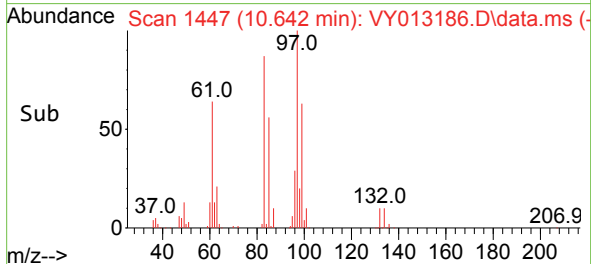
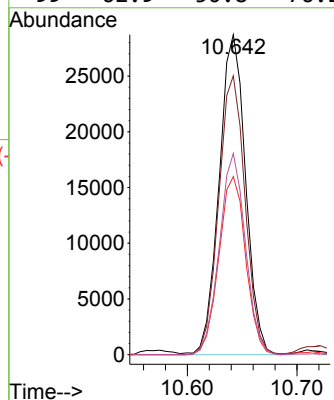
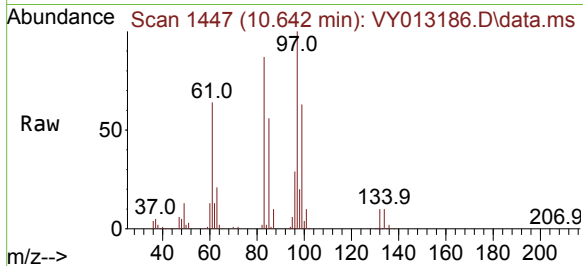




#55
1,1,2-Trichloroethane
Concen: 45.345 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

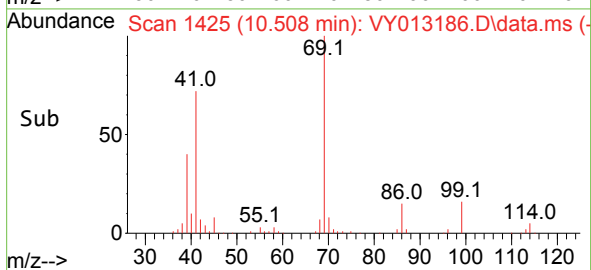
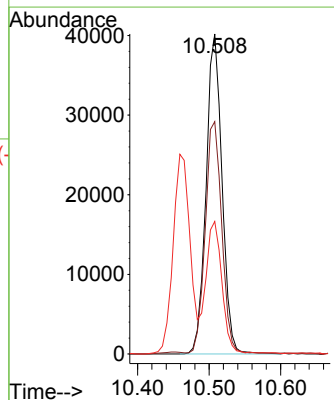
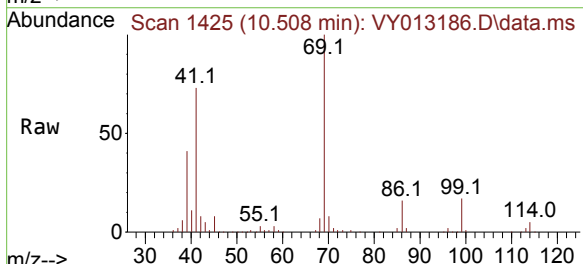
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

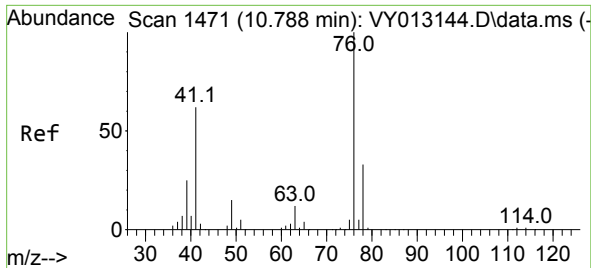
Tgt Ion:	97	Resp:	48108
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.6
85	55.6	44.9	67.3
99	62.9	50.8	76.2



#56
Ethyl methacrylate
Concen: 46.683 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:	69	Resp:	62271
Ion	Ratio	Lower	Upper
69	100		
41	74.7	56.4	84.6
39	41.4	30.8	46.2

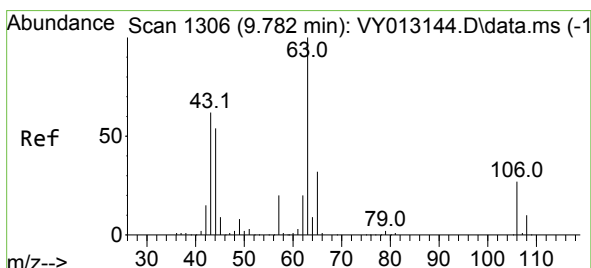
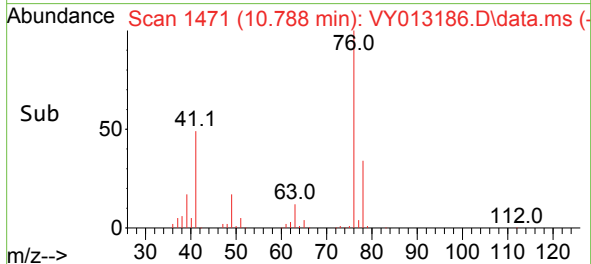
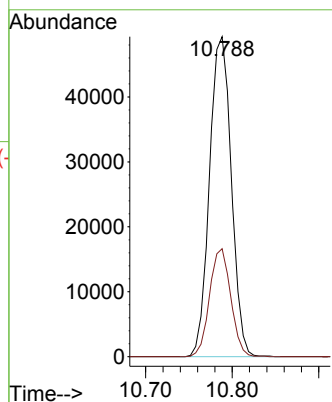
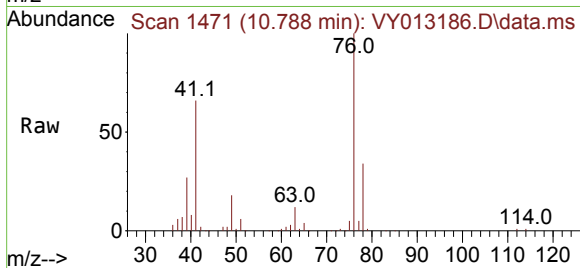




#57
1,3-Dichloropropane
Concen: 48.110 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

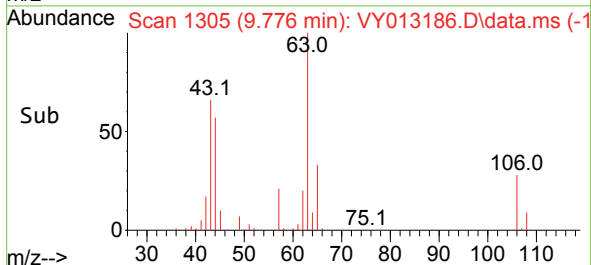
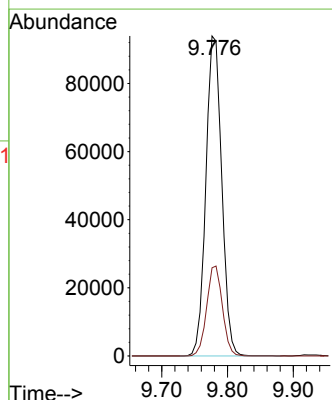
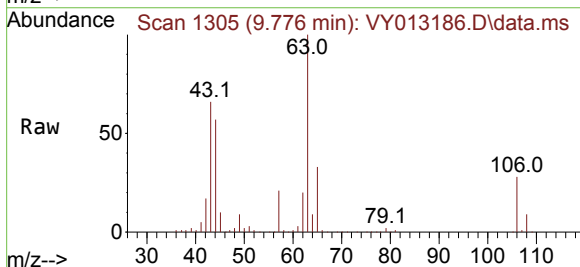
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

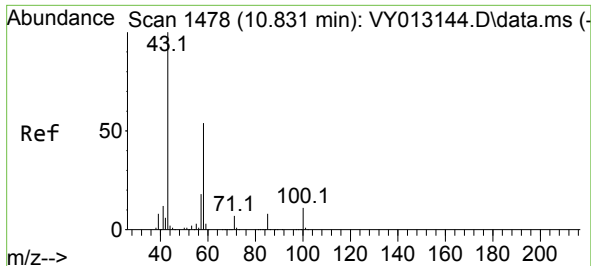
Tgt Ion: 76 Resp: 86167
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 252.824 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 63 Resp: 157690
Ion Ratio Lower Upper
63 100
106 27.8 22.1 33.1

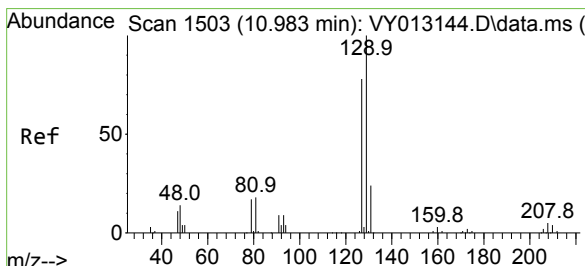
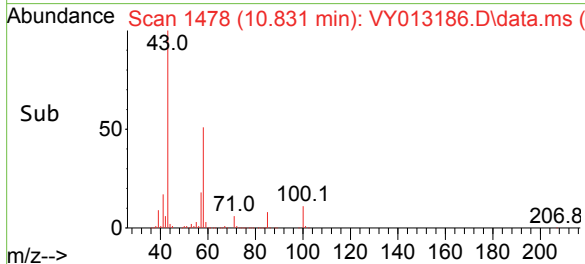
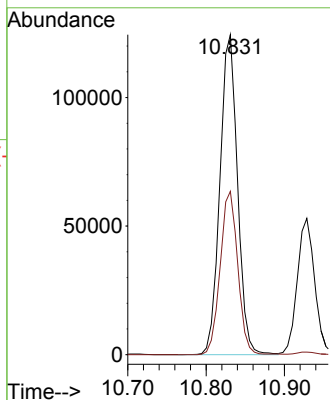
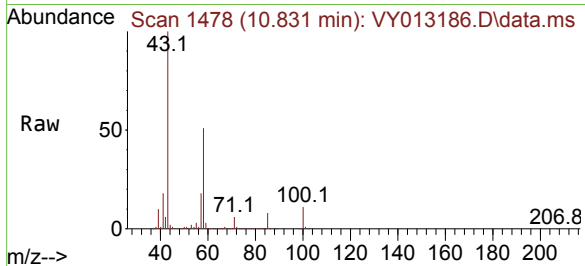




#59
2-Hexanone
Concen: 265.416 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

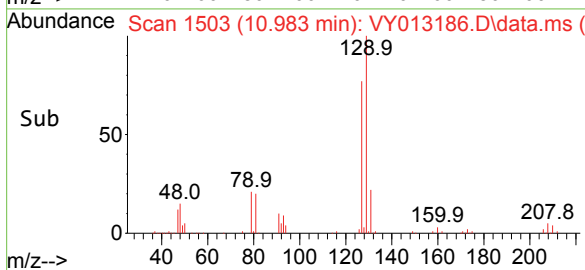
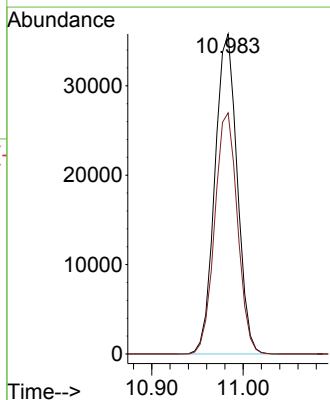
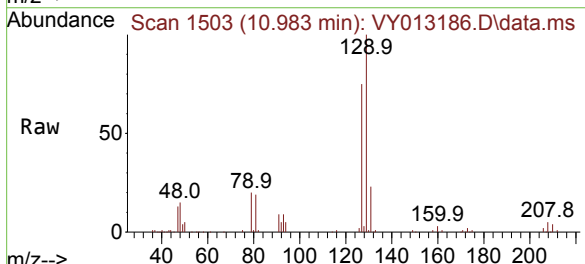
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

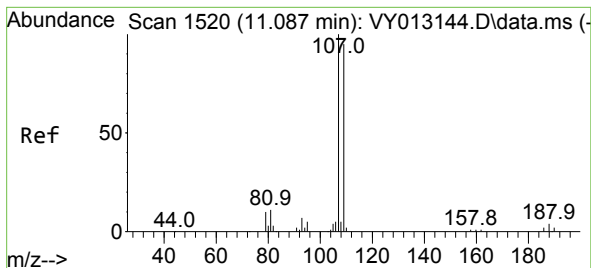
Tgt Ion: 43 Resp: 194595
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 45.536 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:129 Resp: 60678
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 44.752 ug/l

RT: 11.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

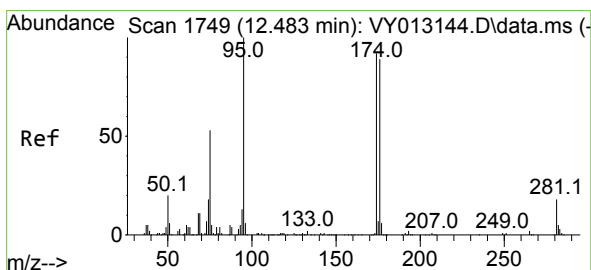
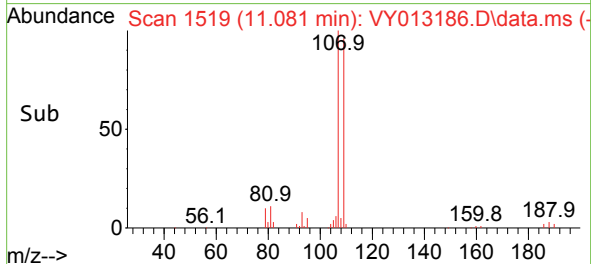
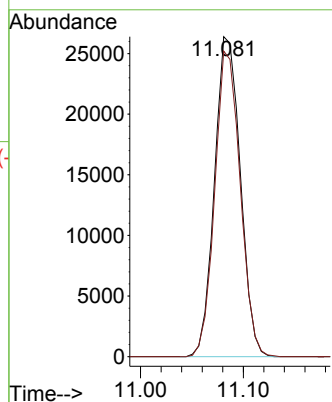
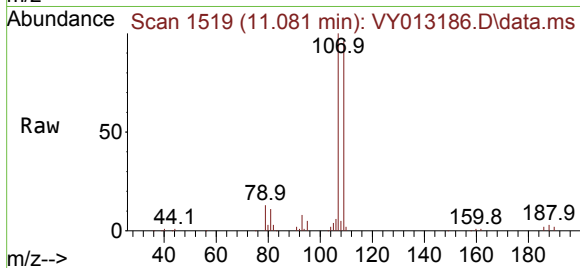
VSTDCCC050EC

Tgt Ion:107 Resp: 46003

Ion Ratio Lower Upper

107 100

109 94.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

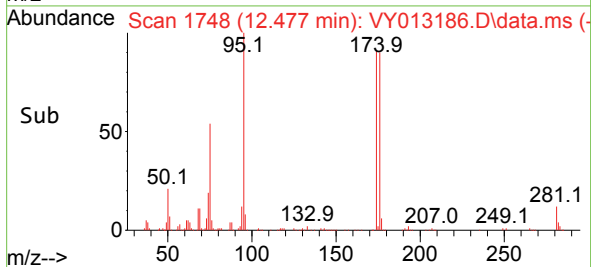
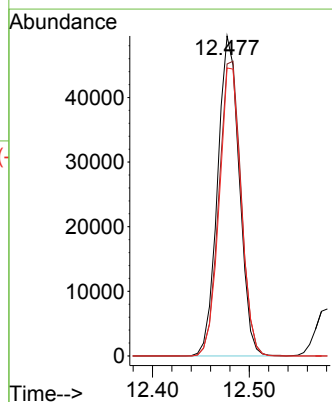
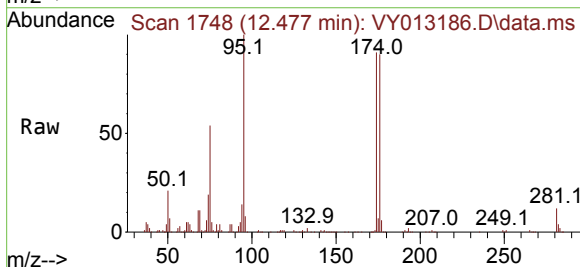
Tgt Ion: 95 Resp: 76950

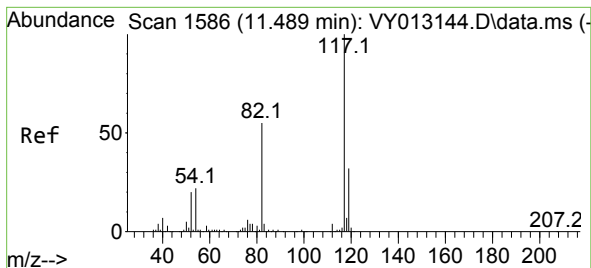
Ion Ratio Lower Upper

95 100

174 94.4 0.0 176.6

176 90.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

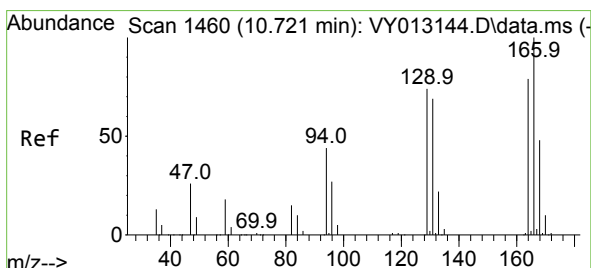
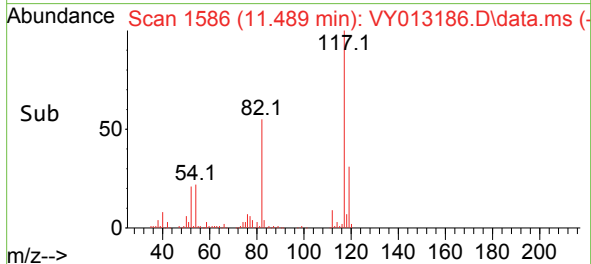
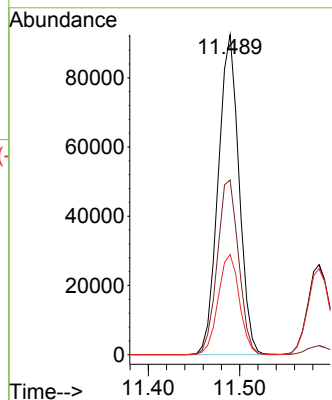
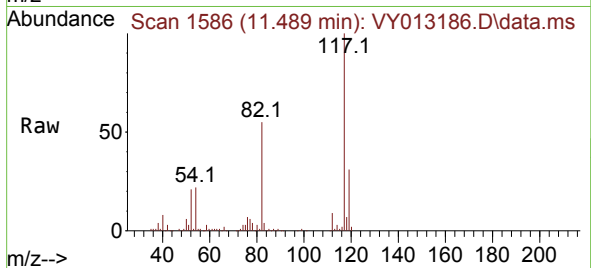
Tgt Ion:117 Resp: 146381

Ion Ratio Lower Upper

117 100

82 54.6 45.4 68.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 54.852 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Tgt Ion:164 Resp: 61728

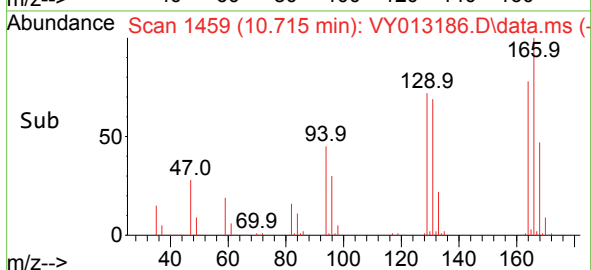
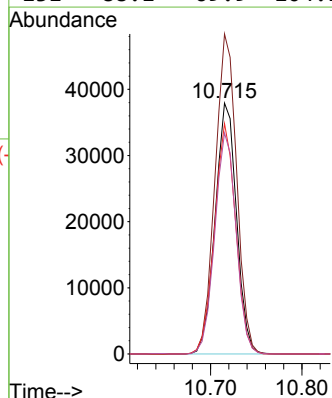
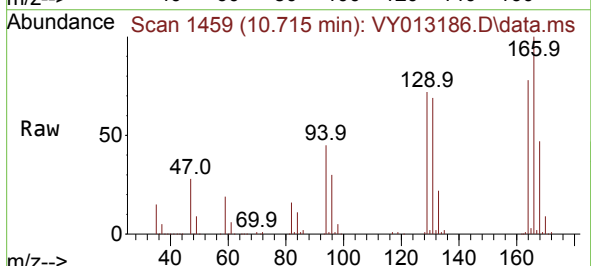
Ion Ratio Lower Upper

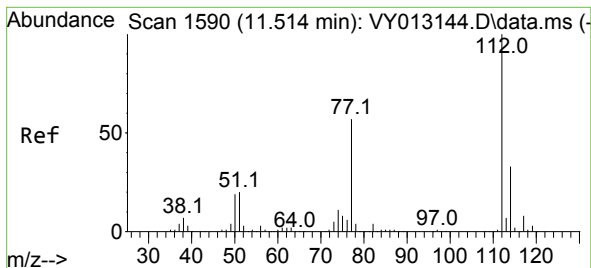
164 100

166 127.5 103.4 155.2

129 91.8 71.4 107.2

131 88.1 69.9 104.9

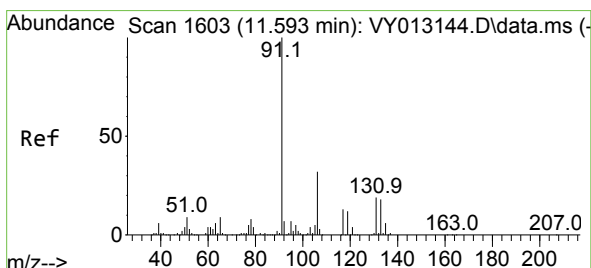
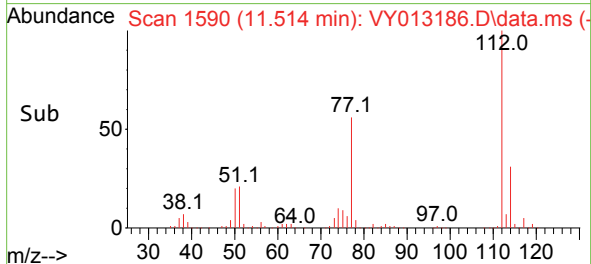
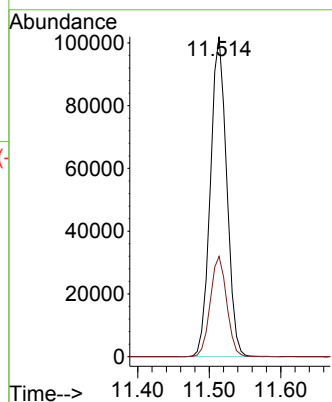
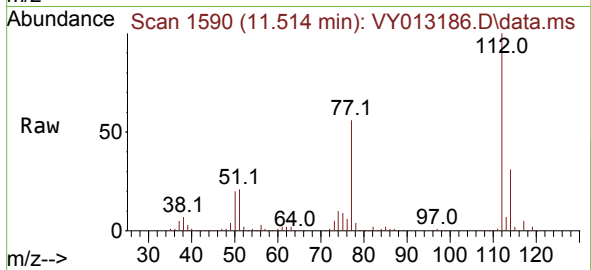




#65
Chlorobenzene
Concen: 51.911 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

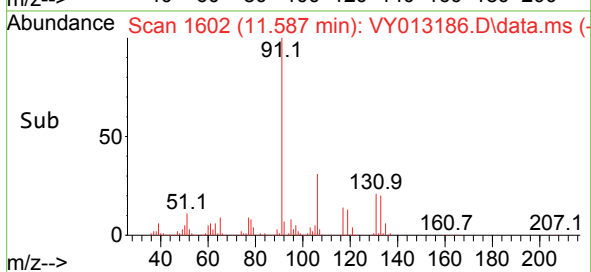
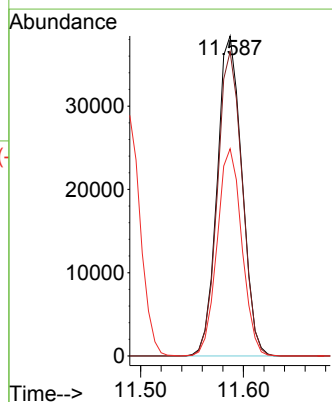
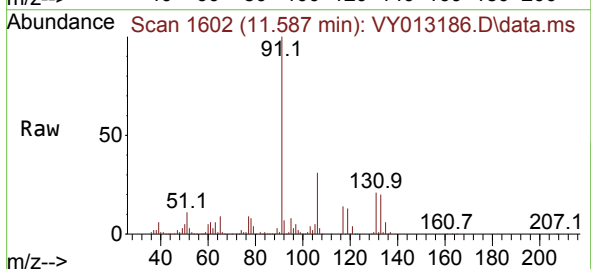
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

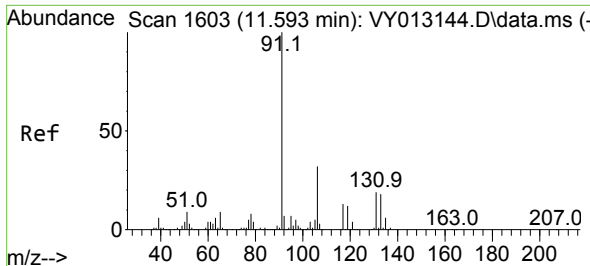
Tgt Ion:112 Resp: 161316
Ion Ratio Lower Upper
112 100
114 31.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.178 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:131 Resp: 64283
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 55.806 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

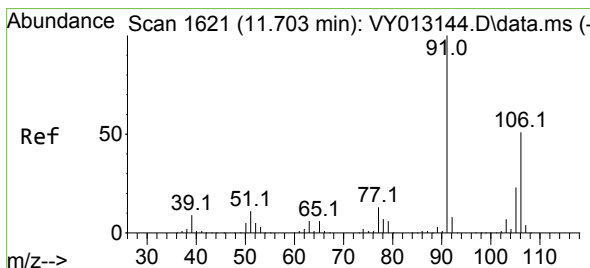
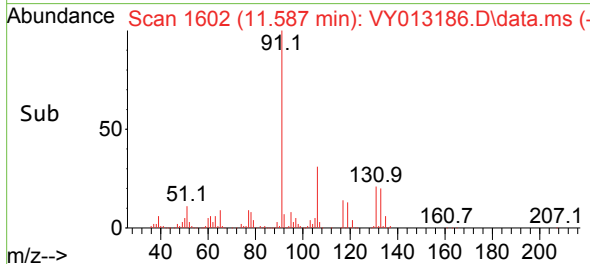
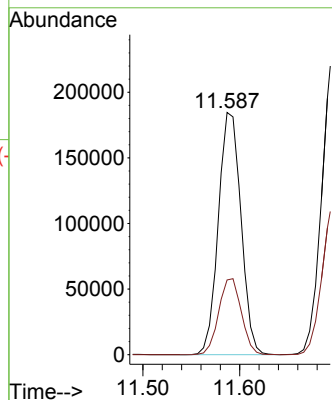
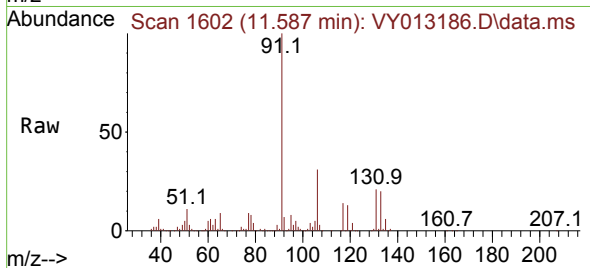
VSTDCCC050EC

Tgt Ion: 91 Resp: 299520

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 109.806 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013186.D

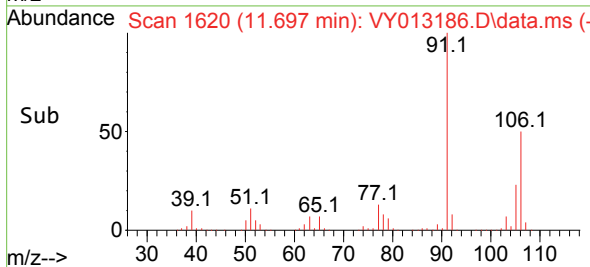
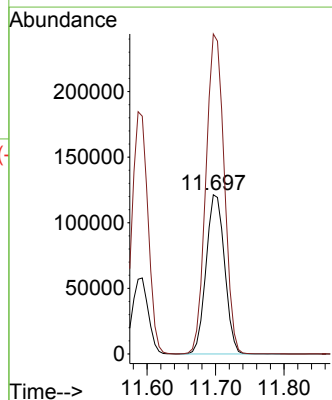
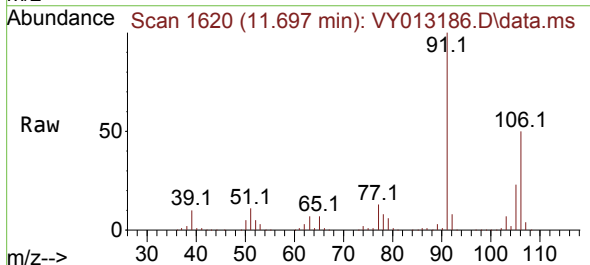
Acq: 03 Apr 2023 19:15

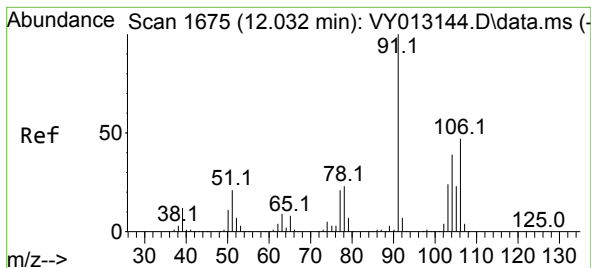
Tgt Ion:106 Resp: 227980

Ion Ratio Lower Upper

106 100

91 199.3 159.8 239.8

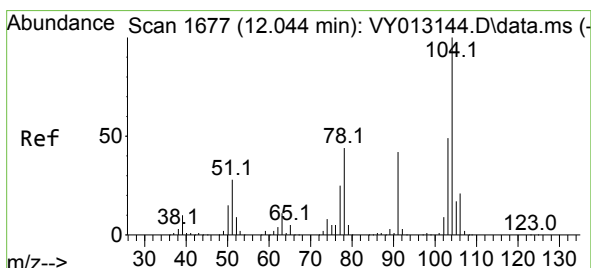
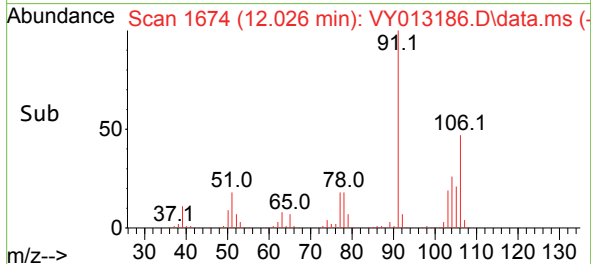
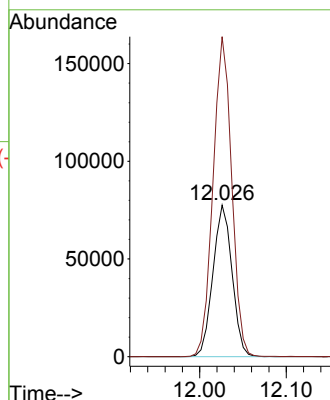
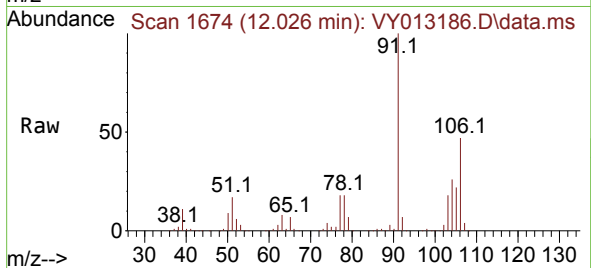




#69
o-Xylene
Concen: 61.697 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

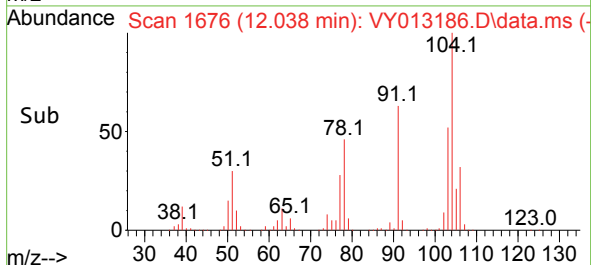
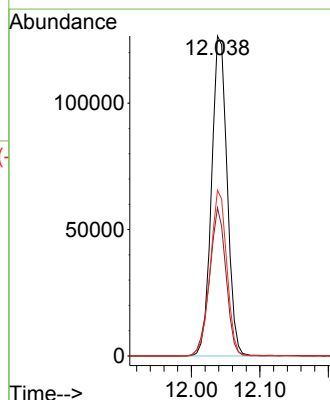
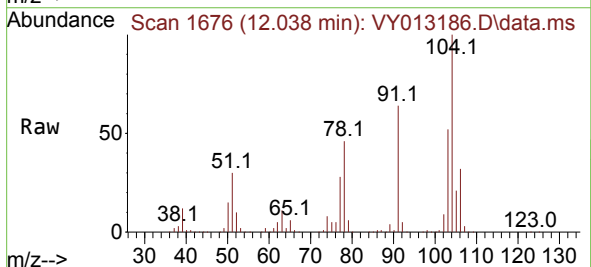
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

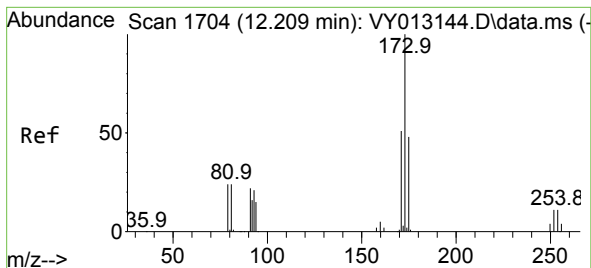
Tgt Ion:106 Resp: 118815
Ion Ratio Lower Upper
106 100
91 206.6 107.2 321.6



#70
Styrene
Concen: 62.171 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:104 Resp: 200282
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.1 43.7 65.5





#71

Bromoform

Concen: 66.325 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

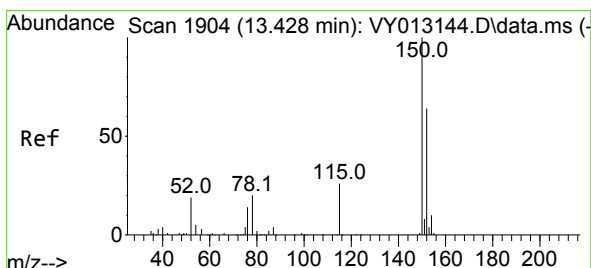
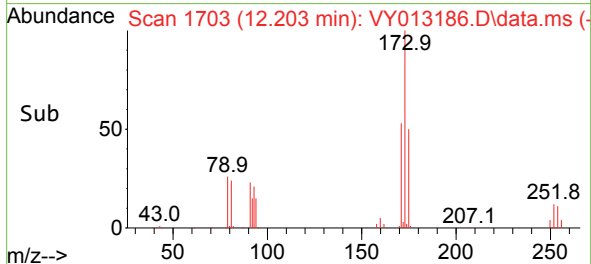
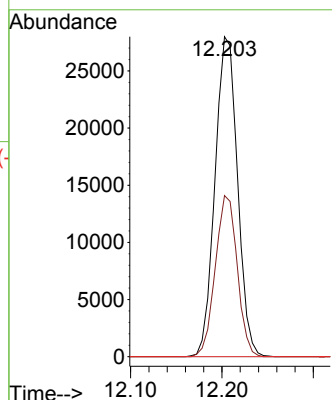
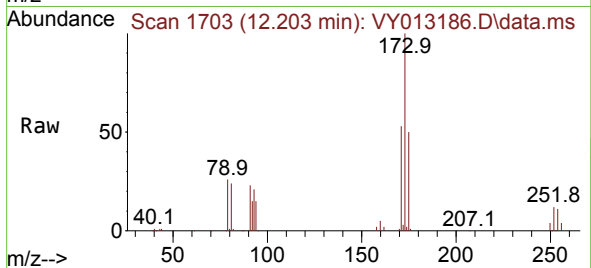
Tgt Ion:173 Resp: 47914

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

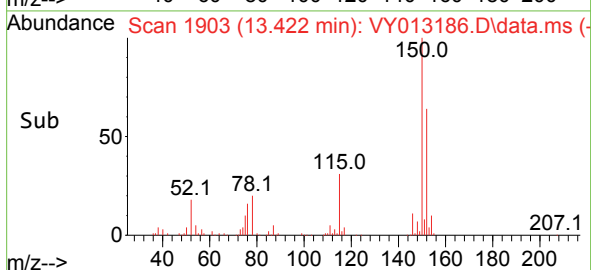
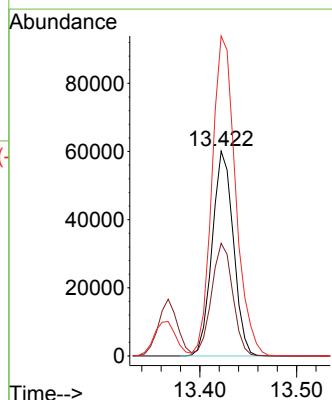
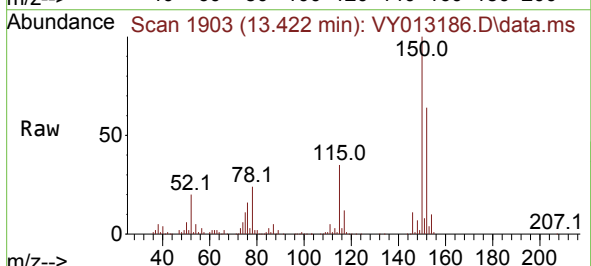
Tgt Ion:152 Resp: 91671

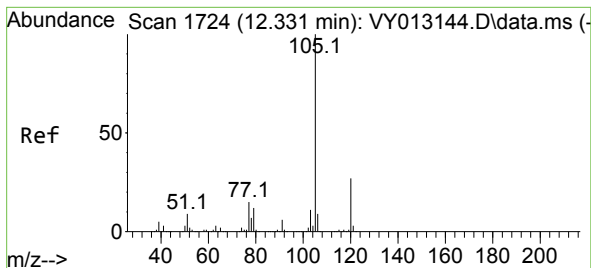
Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 173.5 0.0 347.8





#73

Isopropylbenzene

Concen: 49.998 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

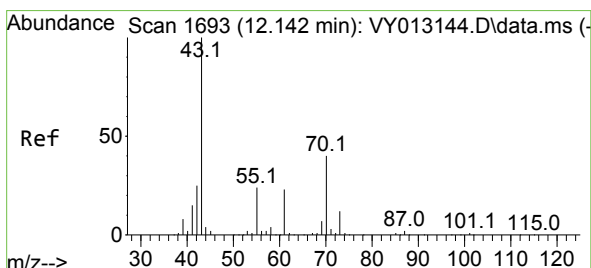
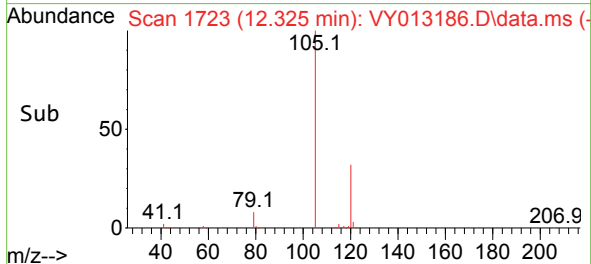
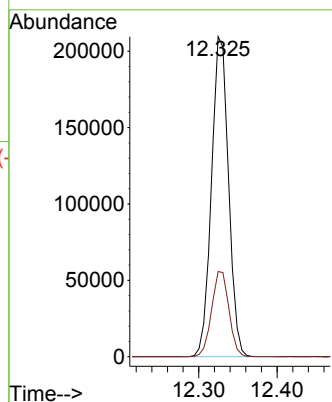
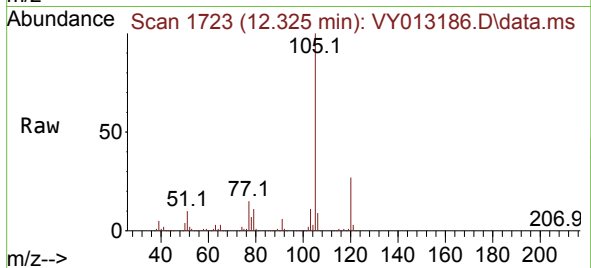
VSTDCCC050EC

Tgt Ion:105 Resp: 316382

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 46.762 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Tgt Ion: 43 Resp: 81245

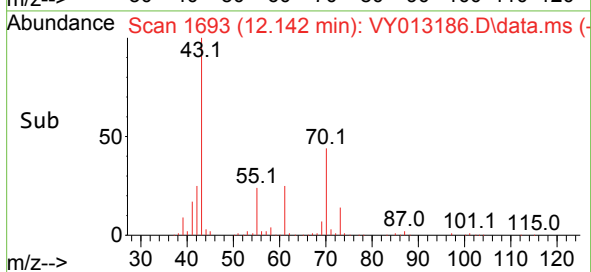
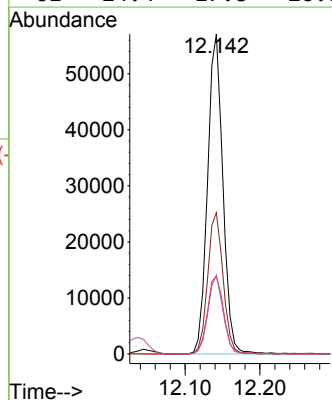
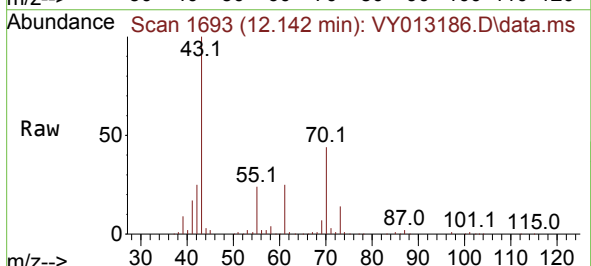
Ion Ratio Lower Upper

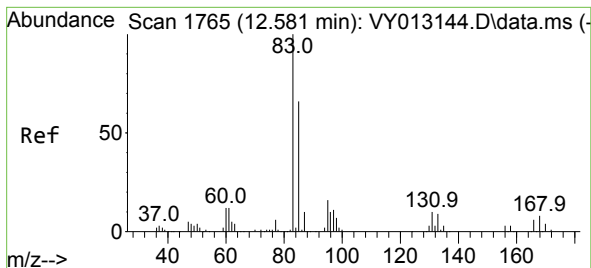
43 100

70 44.5 31.6 47.4

55 25.6 18.8 28.2

61 24.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.297 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

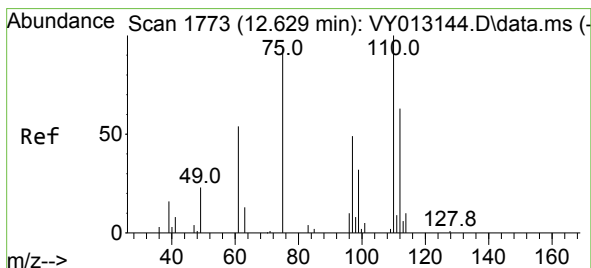
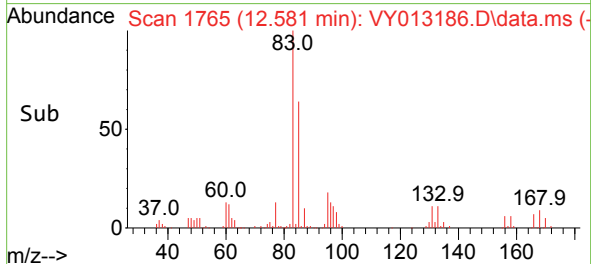
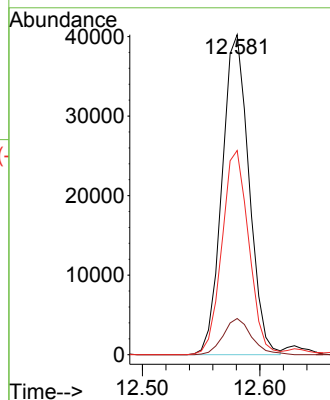
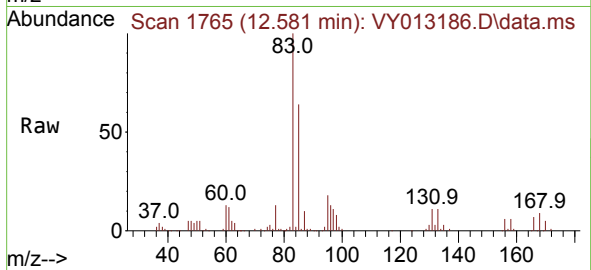
Tgt Ion: 83 Resp: 64016

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.2

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 81.324 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013186.D

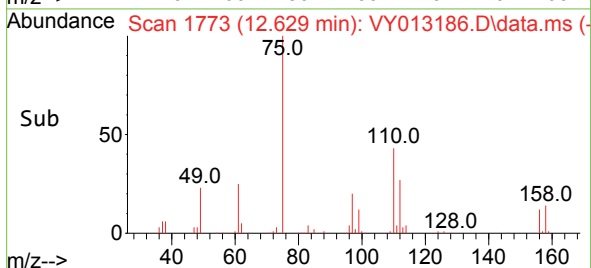
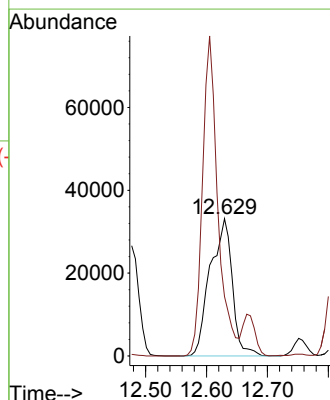
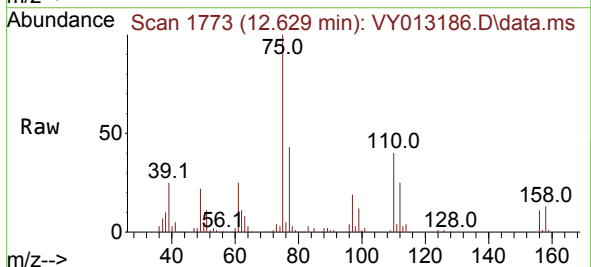
Acq: 03 Apr 2023 19:15

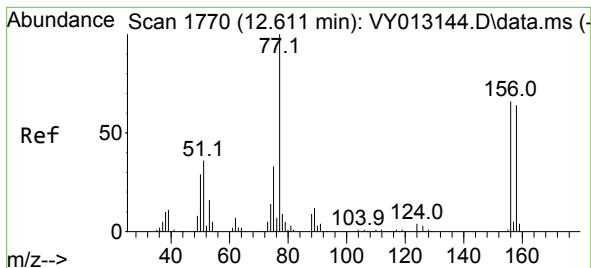
Tgt Ion: 75 Resp: 83749

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.891 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

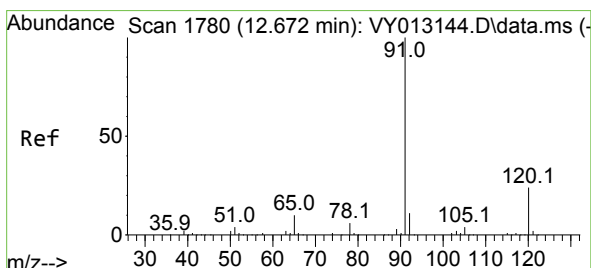
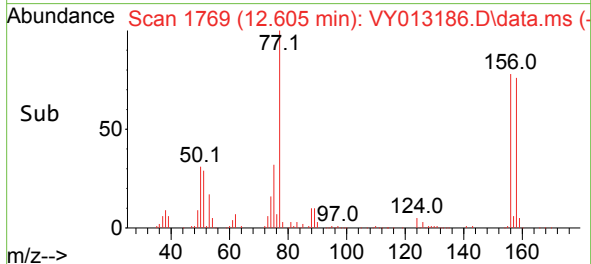
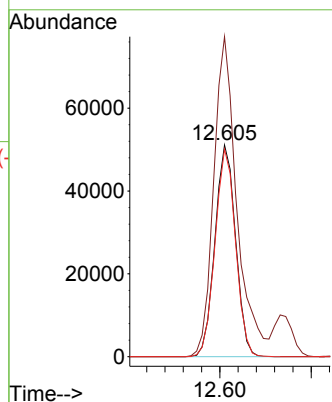
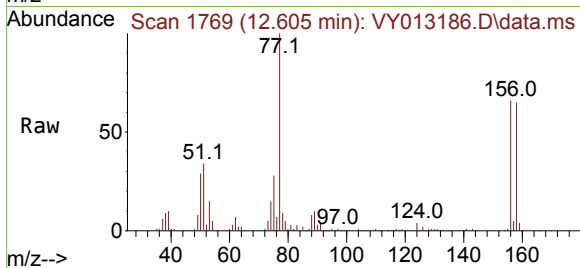
Tgt Ion:156 Resp: 80064

Ion Ratio Lower Upper

156 100

77 170.0 94.0 282.1

158 97.3 48.1 144.4



#78

n-propylbenzene

Concen: 48.842 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013186.D

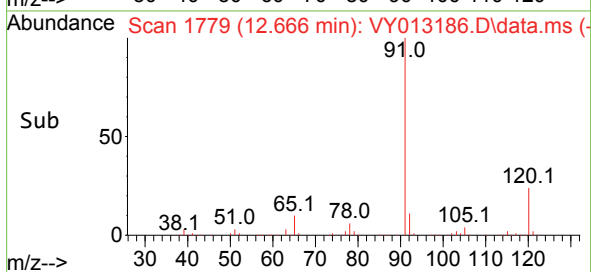
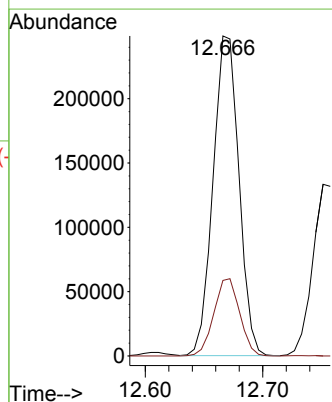
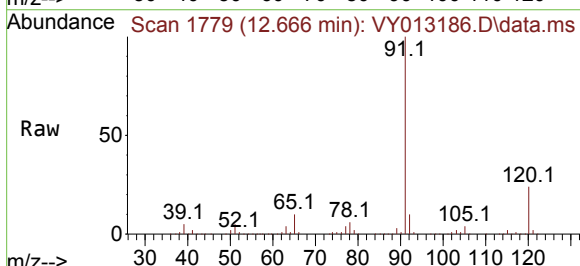
Acq: 03 Apr 2023 19:15

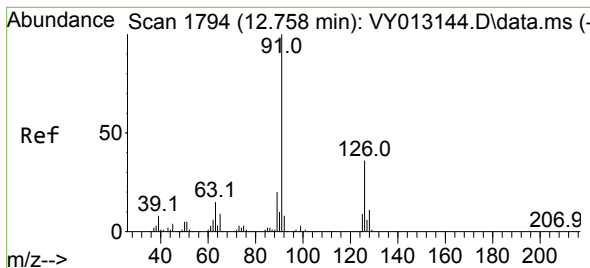
Tgt Ion: 91 Resp: 380007

Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 47.848 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

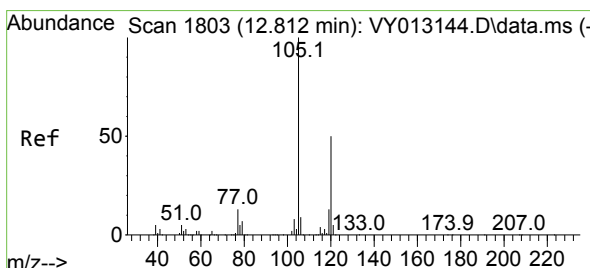
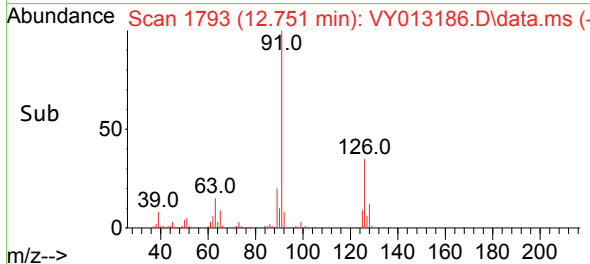
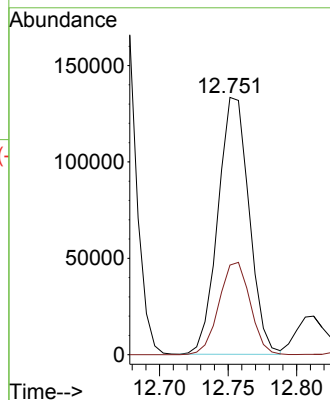
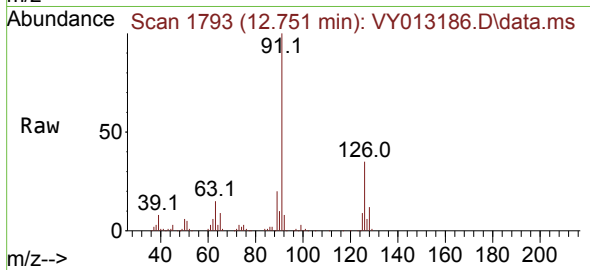
VSTDCCC050EC

Tgt Ion: 91 Resp: 211248

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 50.606 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013186.D

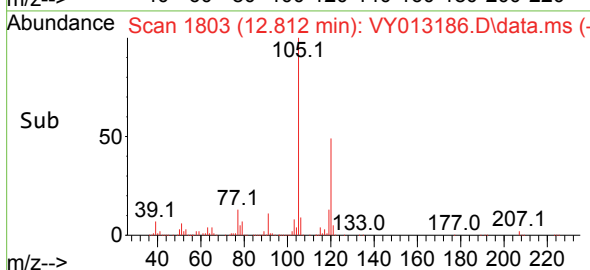
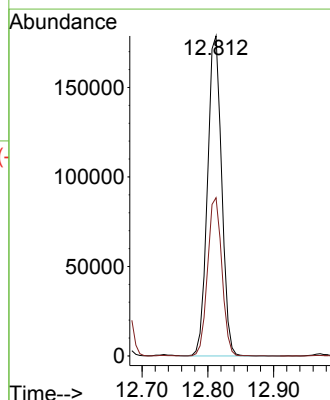
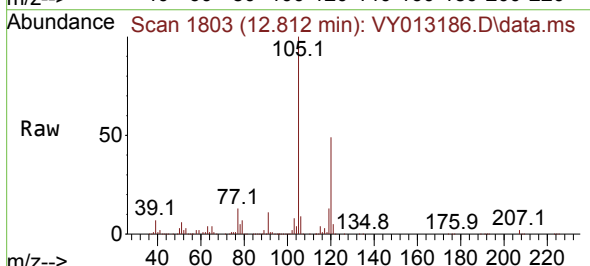
Acq: 03 Apr 2023 19:15

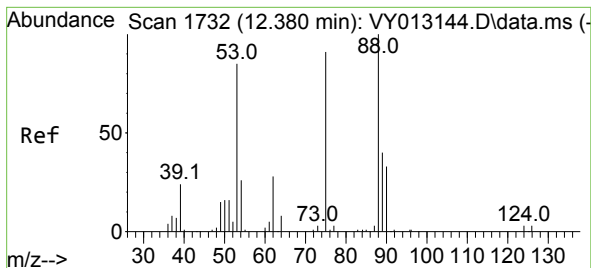
Tgt Ion:105 Resp: 267729

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4

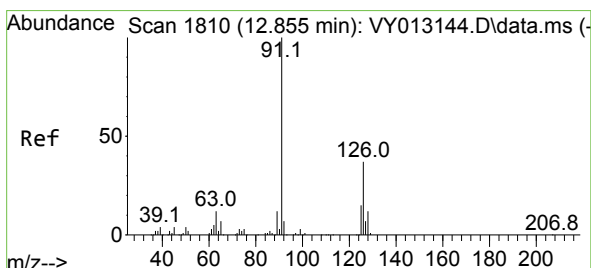
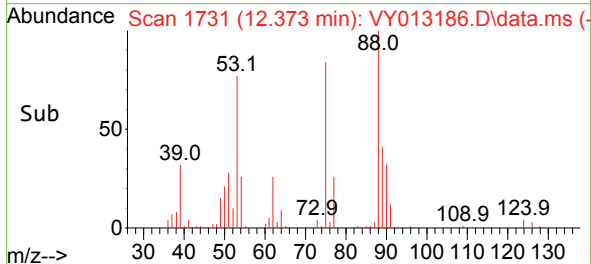
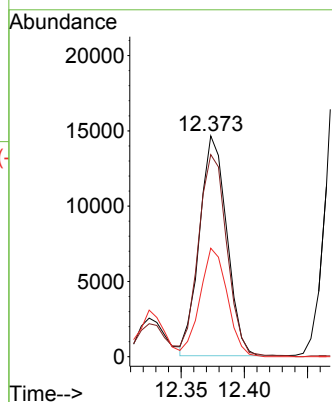
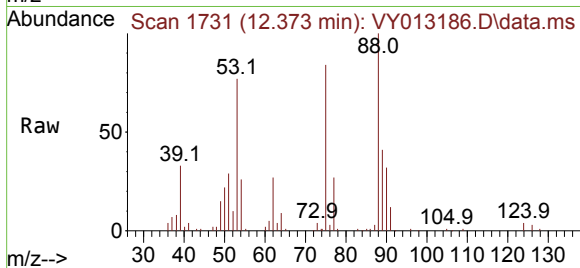




#81
trans-1,4-Dichloro-2-butene
Concen: 47.497 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

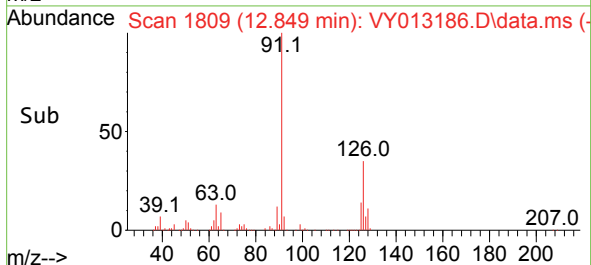
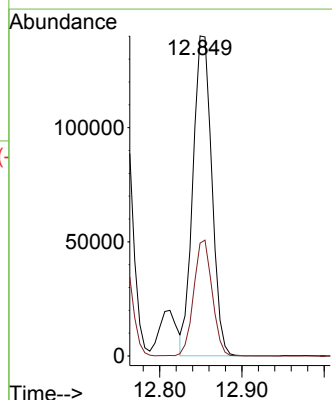
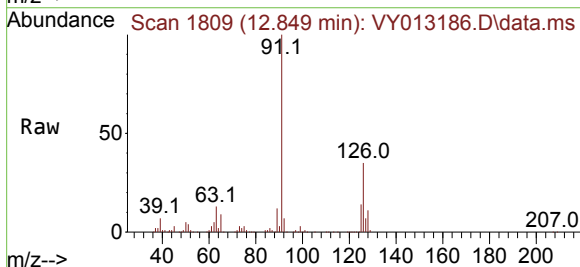
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

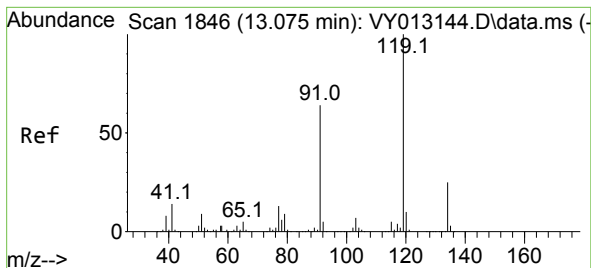
Tgt Ion: 75 Resp: 21933
Ion Ratio Lower Upper
75 100
53 96.1 73.4 110.0
89 49.3 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.606 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 91 Resp: 223334
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83

tert-Butylbenzene

Concen: 52.058 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

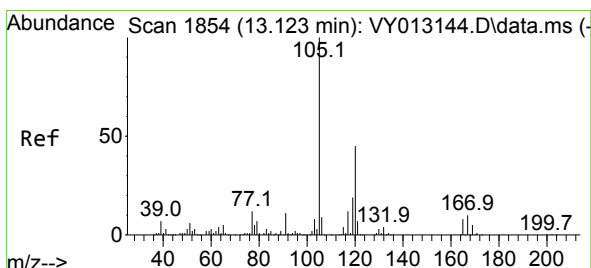
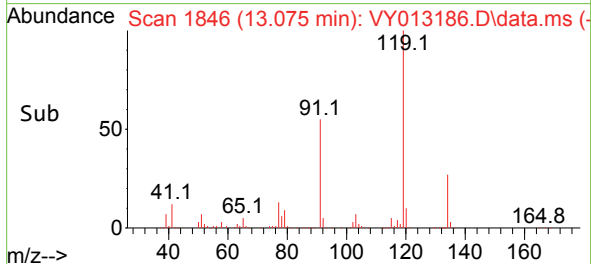
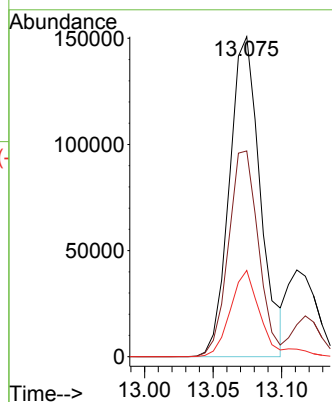
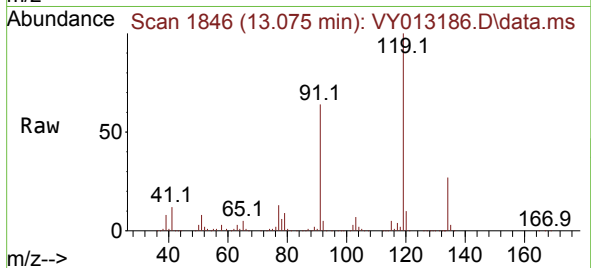
Tgt Ion:119 Resp: 236555

Ion Ratio Lower Upper

119 100

91 62.7 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.754 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013186.D

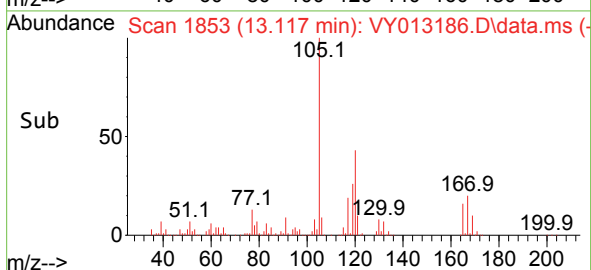
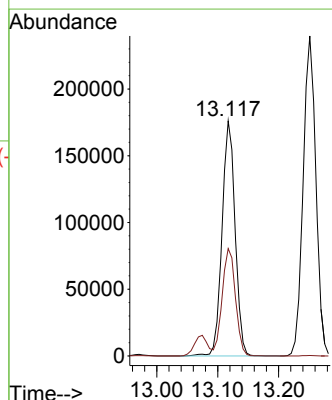
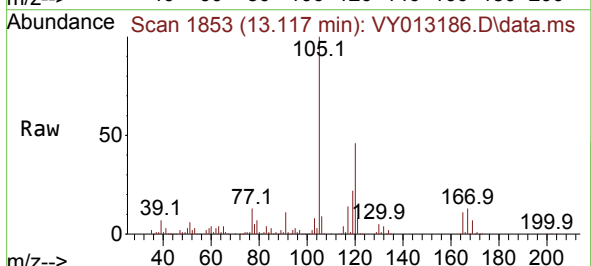
Acq: 03 Apr 2023 19:15

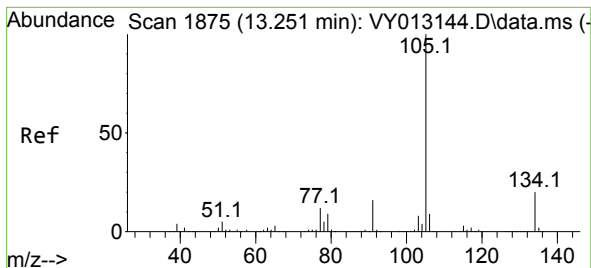
Tgt Ion:105 Resp: 262954

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.587 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

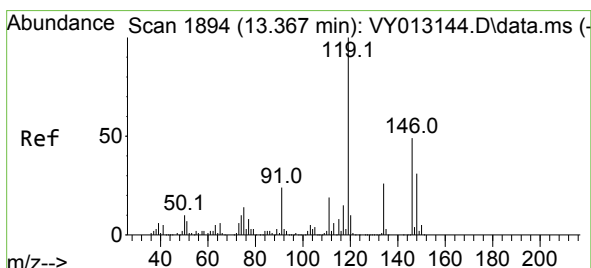
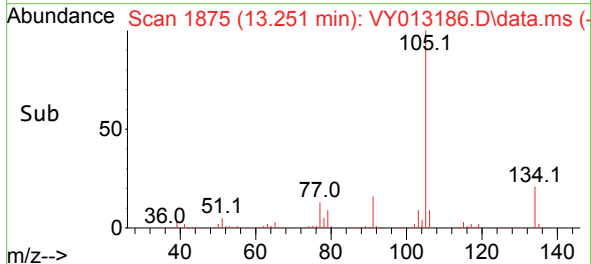
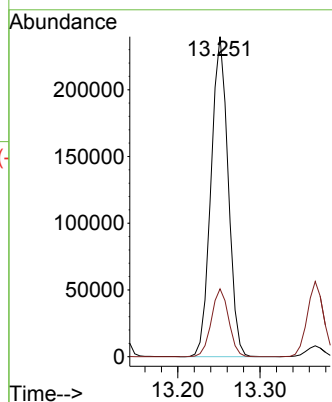
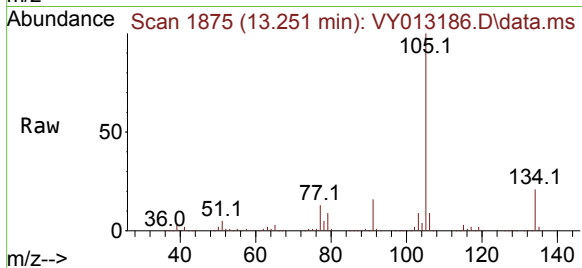
VSTDCCC050EC

Tgt Ion:105 Resp: 347083

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.534 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

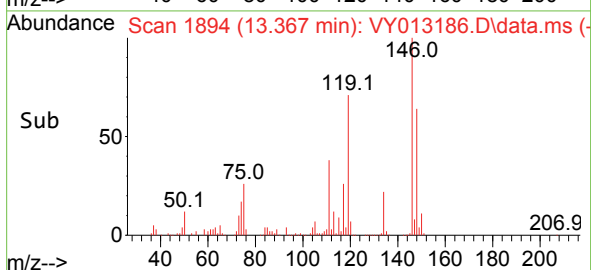
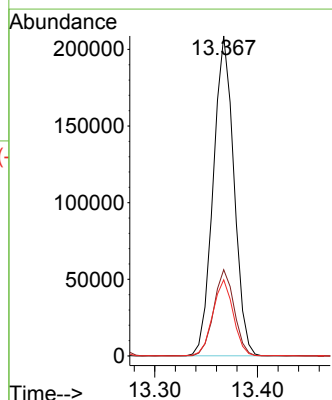
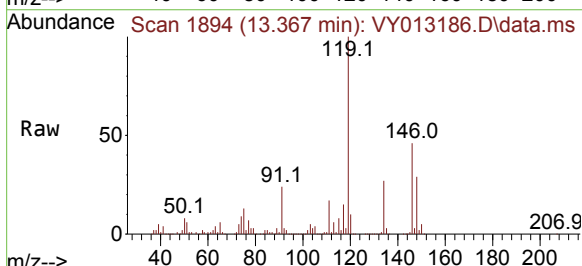
Tgt Ion:119 Resp: 291080

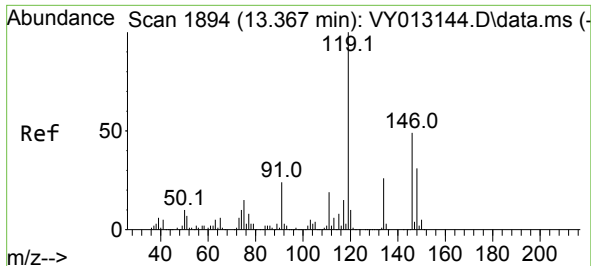
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.6 11.8 35.3

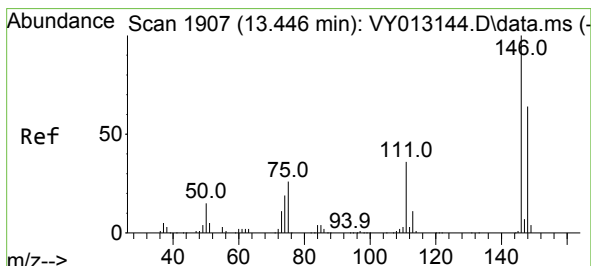
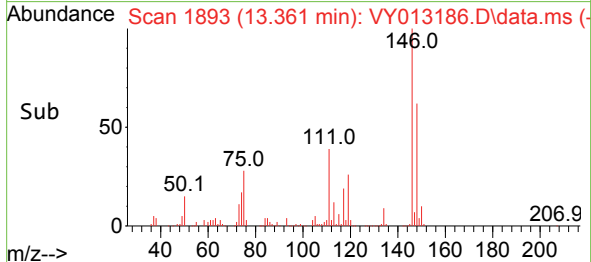
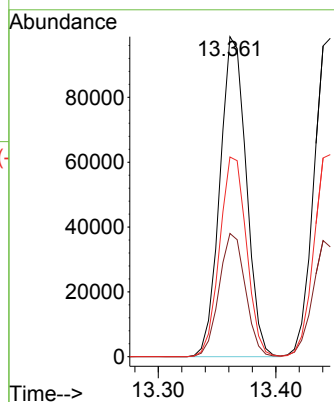
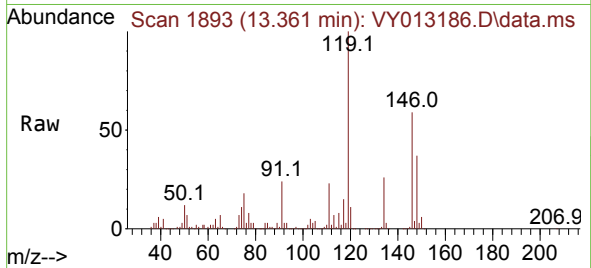




#87
1,3-Dichlorobenzene
Concen: 49.360 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

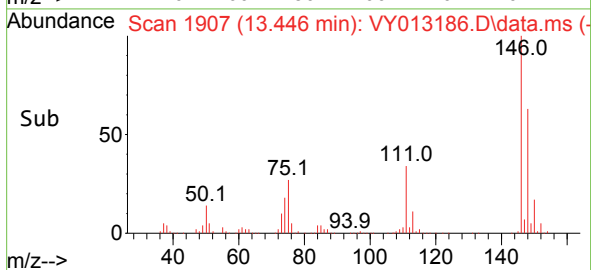
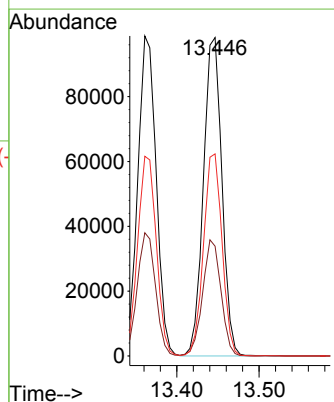
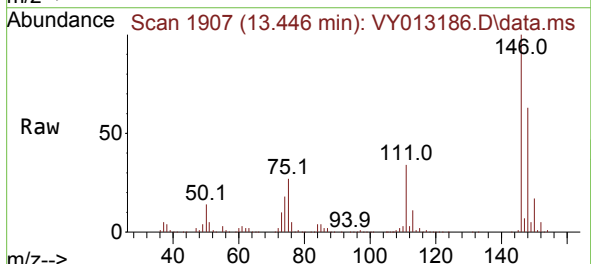
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

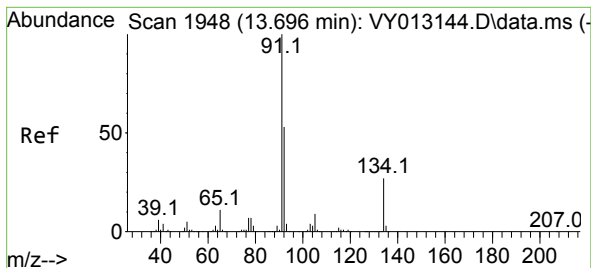
Tgt Ion:146 Resp: 153935
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.133 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion:146 Resp: 153544
Ion Ratio Lower Upper
146 100
111 36.2 18.6 55.8
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 49.034 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

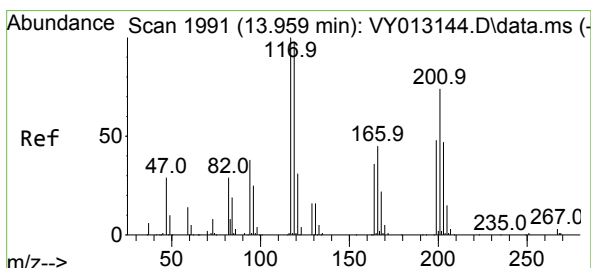
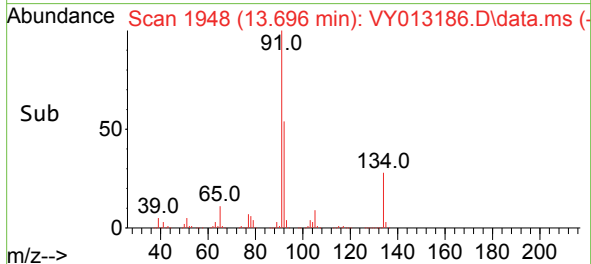
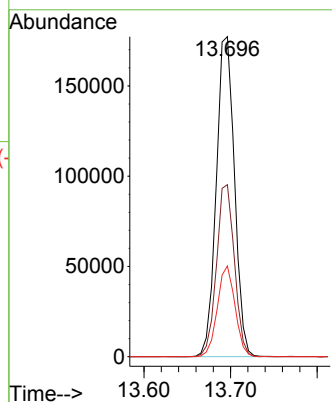
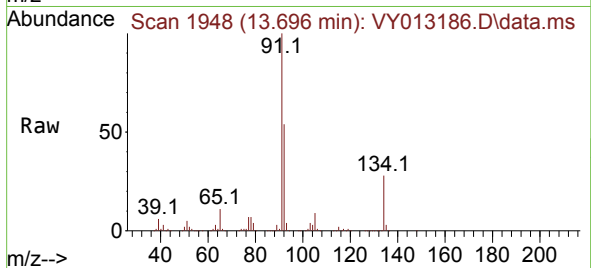
Tgt Ion: 91 Resp: 258913

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 48.261 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY013186.D

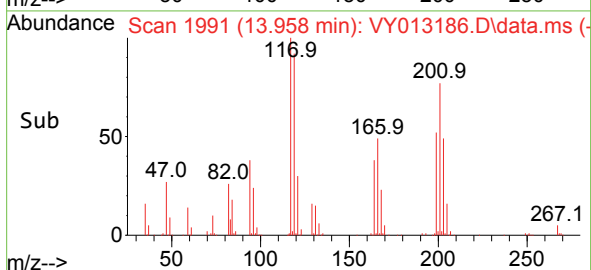
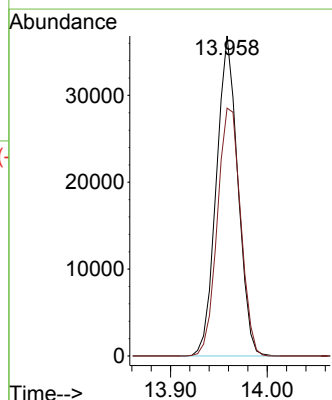
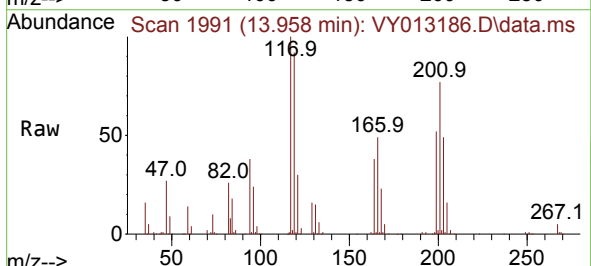
Acq: 03 Apr 2023 19:15

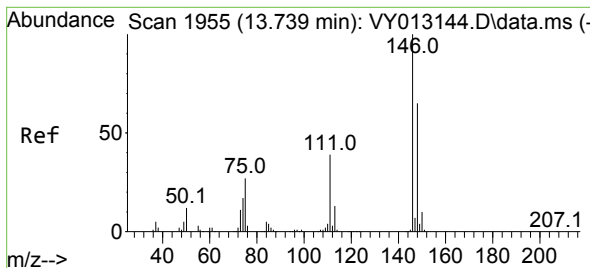
Tgt Ion: 117 Resp: 56787

Ion Ratio Lower Upper

117 100

201 83.9 39.4 118.1

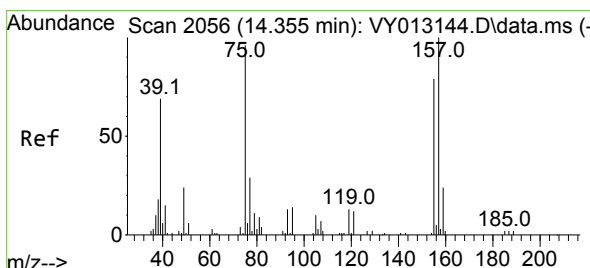
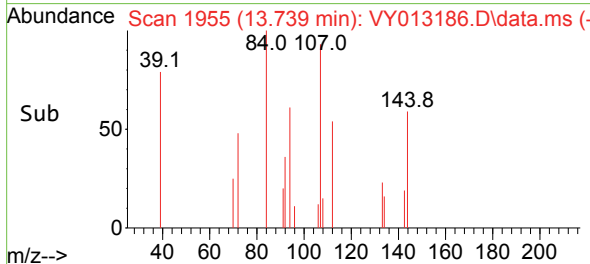
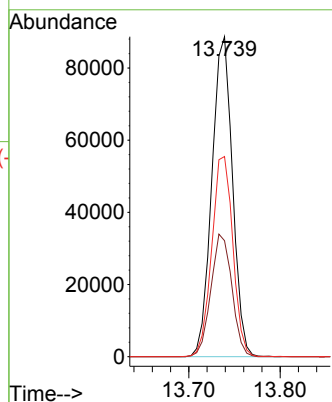
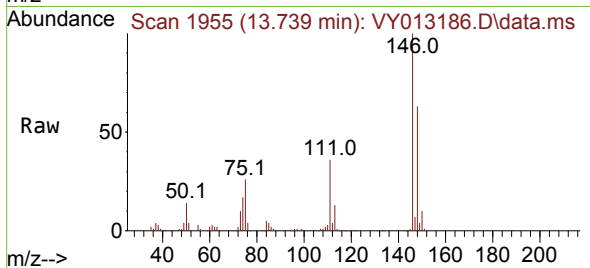




#91
1,2-Dichlorobenzene
Concen: 49.876 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

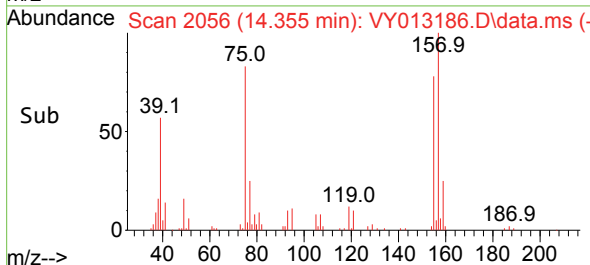
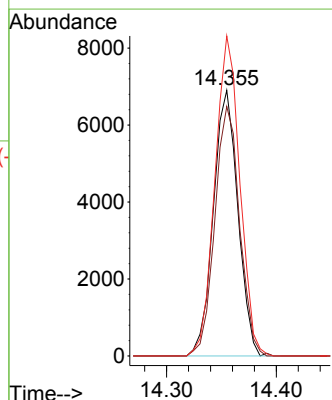
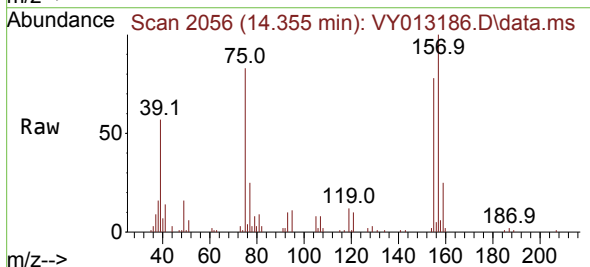
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

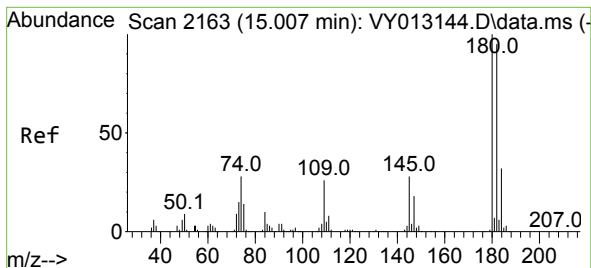
Tgt Ion:146 Resp: 138913
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.1
148 64.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.653 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013186.D
Acq: 03 Apr 2023 19:15

Tgt Ion: 75 Resp: 10731
Ion Ratio Lower Upper
75 100
155 94.7 43.8 131.4
157 122.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 50.297 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

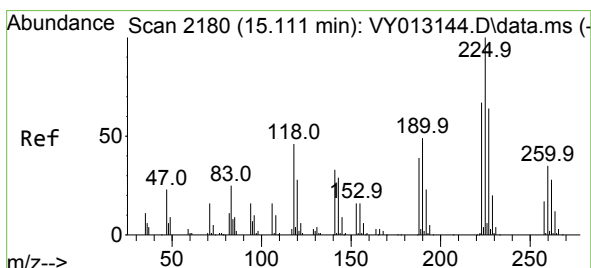
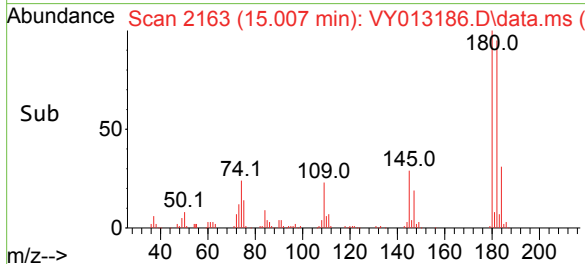
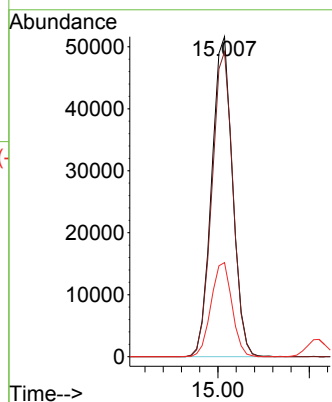
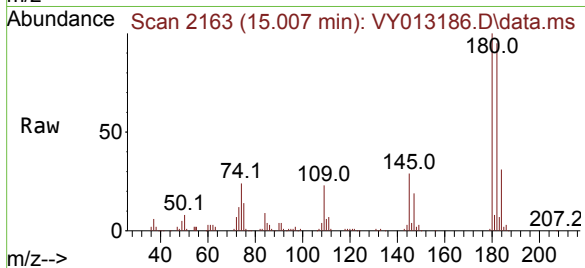
Tgt Ion:180 Resp: 81693

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.232 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

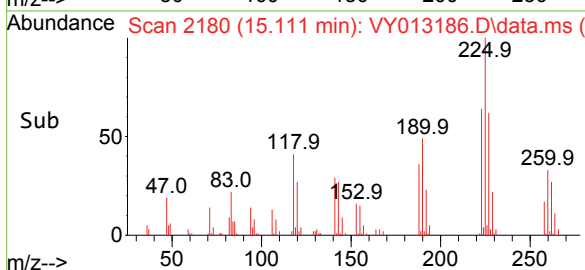
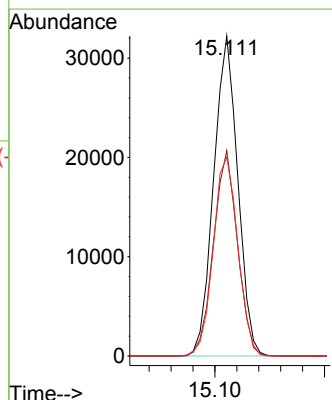
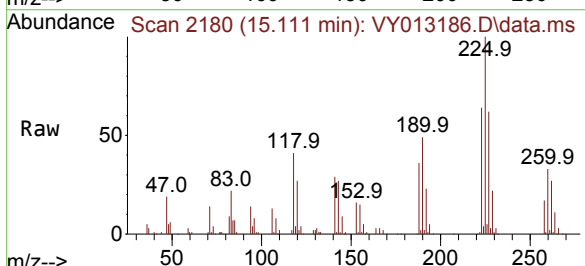
Tgt Ion:225 Resp: 49178

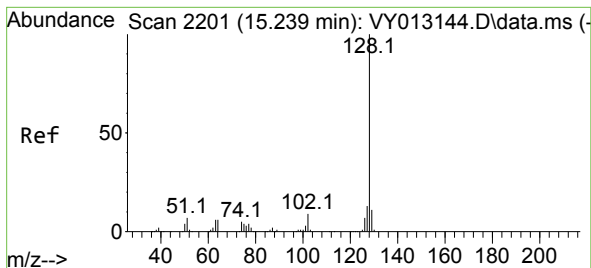
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.3

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 47.747 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

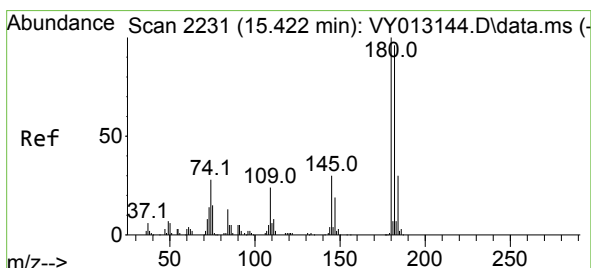
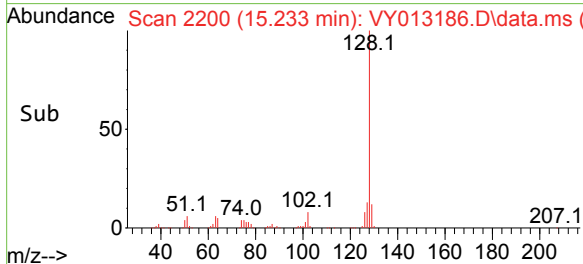
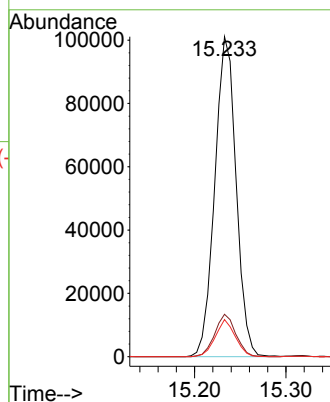
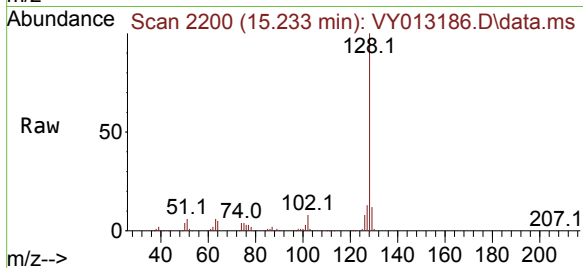
Tgt Ion:128 Resp: 163726

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.020 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013186.D

Acq: 03 Apr 2023 19:15

Tgt Ion:180 Resp: 73009

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 30.8 15.3 45.8

