

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013414.D
 Acq On : 24 Apr 2023 20:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 03:19:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126682	47.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.716	113	115468	49.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.179	98	397320	48.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.477	95	138947	49.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	116521	50.866	ug/l	99
3) Chloromethane	2.113	50	128219	41.757	ug/l	100
4) Vinyl Chloride	2.253	62	129825	42.463	ug/l	100
5) Bromomethane	2.656	94	100465	41.236	ug/l	100
6) Chloroethane	2.796	64	86704	41.051	ug/l	96
7) Trichlorofluoromethane	3.125	101	226268	48.853	ug/l	97
8) Diethyl Ether	3.527	74	78422	49.722	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	124422	47.893	ug/l	98
10) Methyl Iodide	4.094	142	168619	51.676	ug/l	100
11) Tert butyl alcohol	4.978	59	57859	194.620	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	120553	48.140	ug/l	94
13) Acrolein	3.729	56	48643	209.324	ug/l	95
14) Allyl chloride	4.478	41	215170	46.307	ug/l	97
15) Acrylonitrile	5.167	53	222987	252.449	ug/l	100
16) Acetone	3.954	43	225715	216.988	ug/l	100
17) Carbon Disulfide	4.192	76	399158	49.069	ug/l	98
18) Methyl Acetate	4.478	43	161484	47.003	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	362078	50.082	ug/l	99
20) Methylene Chloride	4.716	84	167000	51.488	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	140776	51.415	ug/l	96
22) Diisopropyl ether	6.118	45	456894	50.307	ug/l	95
23) Vinyl Acetate	6.057	43	1418672	275.885	ug/l	97
24) 1,1-Dichloroethane	6.015	63	249246	49.241	ug/l	99
25) 2-Butanone	6.990	43	306635	232.436	ug/l	95
26) 2,2-Dichloropropane	6.984	77	208691	47.846	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	156457	51.718	ug/l	98
28) Bromochloromethane	7.332	49	85066	47.358	ug/l	88
29) Tetrahydrofuran	7.350	42	205215	249.900	ug/l	93
30) Chloroform	7.502	83	259733	51.609	ug/l	98
31) Cyclohexane	7.783	56	218073	46.111	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	225903	50.302	ug/l	97
36) 1,1-Dichloropropene	7.917	75	191664	49.730	ug/l	99
37) Ethyl Acetate	7.076	43	143080	49.332	ug/l	96
38) Carbon Tetrachloride	7.899	117	207851	51.454	ug/l	98
39) Methylcyclohexane	9.185	83	233485	51.388	ug/l	97
40) Benzene	8.161	78	559871	51.570	ug/l	100

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 ALS Vial : 26 Sample Multiplier: 1

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 MSVOA_Y
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 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	193704	143.321	ug/l #	32
42) 1,2-Dichloroethane	8.234	62	186889	52.654	ug/l	99
43) Isopropyl Acetate	8.270	43	243690	49.779	ug/l	98
44) Trichloroethene	8.941	130	149595	51.802	ug/l	99
45) 1,2-Dichloropropane	9.215	63	146019	51.441	ug/l	99
46) Dibromomethane	9.301	93	88624	52.180	ug/l	97
47) Bromodichloromethane	9.496	83	200811	52.839	ug/l	99
48) Methyl methacrylate	9.289	41	112177	49.894	ug/l	98
49) 1,4-Dioxane	9.313	88	25944	1069.537	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	700420	256.755	ug/l	97
52) Toluene	10.240	92	345838	52.936	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	210765	52.400	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	233965	51.695	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	119733	53.233	ug/l	97
56) Ethyl methacrylate	10.508	69	168072	53.861	ug/l	92
57) 1,3-Dichloropropane	10.788	76	201668	52.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	273615	233.834	ug/l	96
59) 2-Hexanone	10.831	43	506808	255.574	ug/l	97
60) Dibromochloromethane	10.983	129	147510	54.012	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115401	52.186	ug/l	99
64) Tetrachloroethene	10.721	164	129196	51.672	ug/l	98
65) Chlorobenzene	11.514	112	370231	51.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	141176	52.700	ug/l	99
67) Ethyl Benzene	11.593	91	655557	52.120	ug/l	98
68) m/p-Xylenes	11.703	106	507328	106.103	ug/l	100
69) o-Xylene	12.026	106	236202	52.233	ug/l	97
70) Styrene	12.044	104	406737	53.794	ug/l	99
71) Bromoform	12.209	173	98948	52.733	ug/l	99
73) Isopropylbenzene	12.325	105	621116	50.497	ug/l	99
74) N-amyl acetate	12.142	43	218463	49.911	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	152347	50.673	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	194934	88.884	ug/l #	100
77) Bromobenzene	12.605	156	154110	51.709	ug/l	93
78) n-propylbenzene	12.672	91	773941	51.084	ug/l	97
79) 2-Chlorotoluene	12.757	91	433773	51.271	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	520118	51.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	52709	49.162	ug/l	96
82) 4-Chlorotoluene	12.855	91	446854	50.675	ug/l	98
83) tert-Butylbenzene	13.074	119	446078	51.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	511361	52.391	ug/l	99
85) sec-Butylbenzene	13.251	105	661258	50.657	ug/l	99
86) p-Isopropyltoluene	13.367	119	542858	51.714	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	287455	50.626	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	283226	49.379	ug/l	98
89) n-Butylbenzene	13.696	91	523709	51.116	ug/l	98
90) Hexachloroethane	13.958	117	110873	50.184	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	263940	51.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26644	50.180	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	160329	52.446	ug/l	98
94) Hexachlorobutadiene	15.111	225	92716	52.113	ug/l	98
95) Naphthalene	15.233	128	367724	55.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149237	54.772	ug/l	100

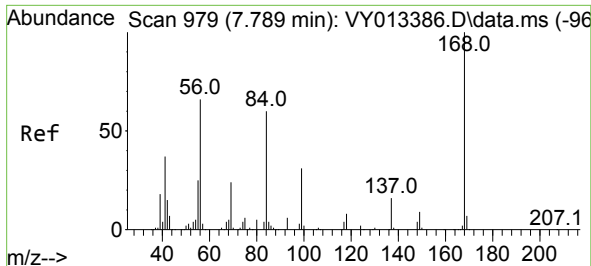
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013414.D
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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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Response via : Initial Calibration

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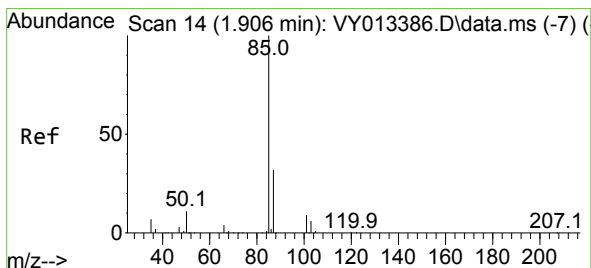
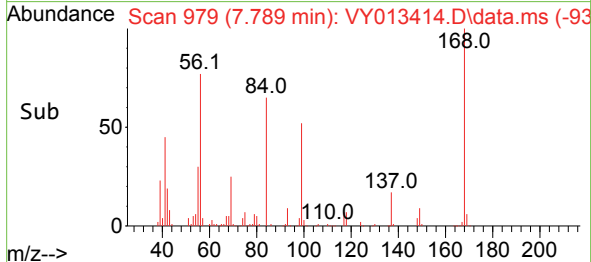
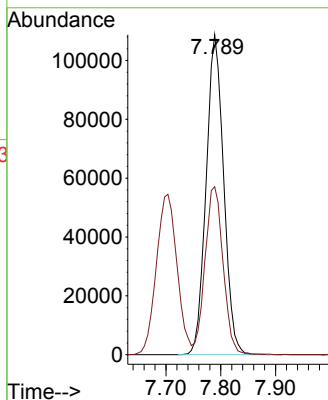
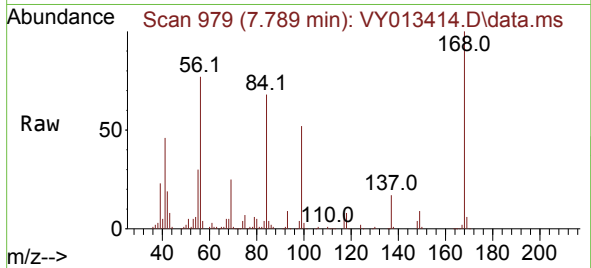
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

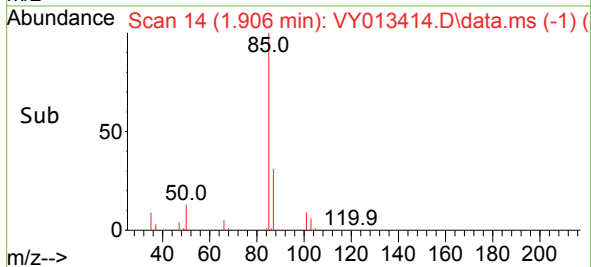
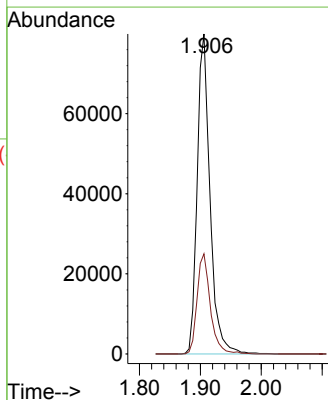
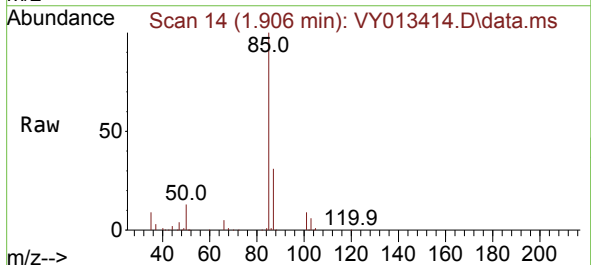
Instrument :
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ClientSampleId :
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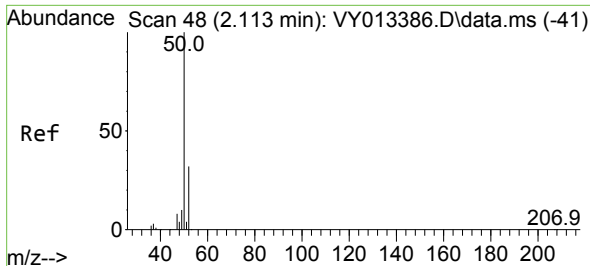
Tgt Ion:168 Resp: 240957
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 50.866 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 85 Resp: 116521
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

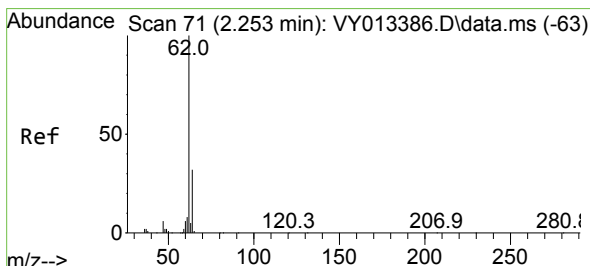
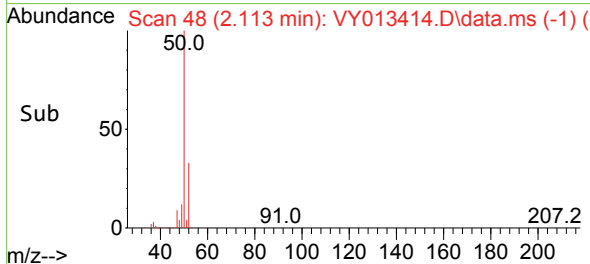
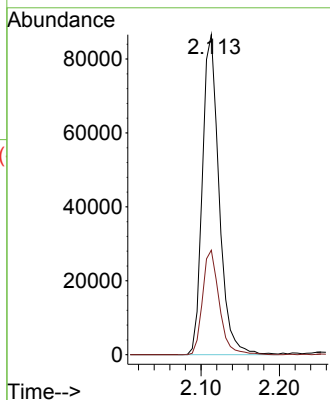
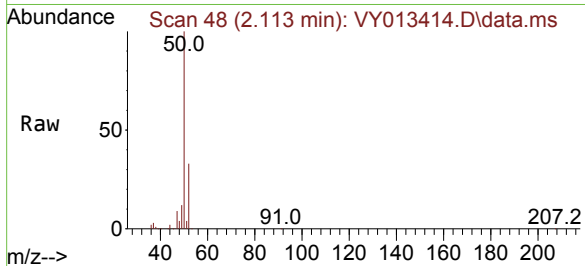




#3
Chloromethane
Concen: 41.757 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

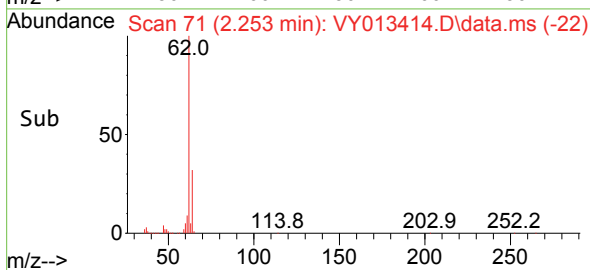
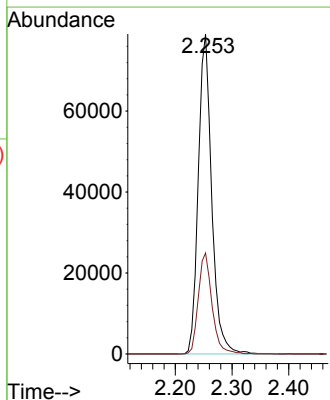
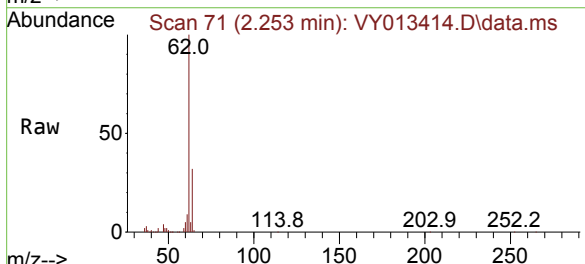
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

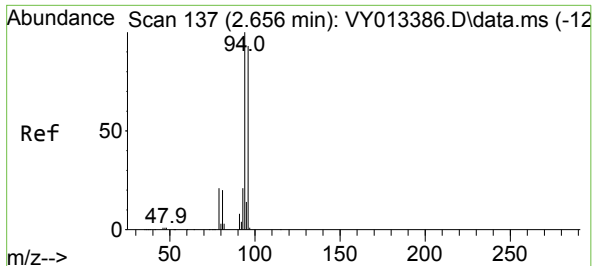
Tgt Ion: 50 Resp: 128219
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 42.463 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 62 Resp: 129825
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0

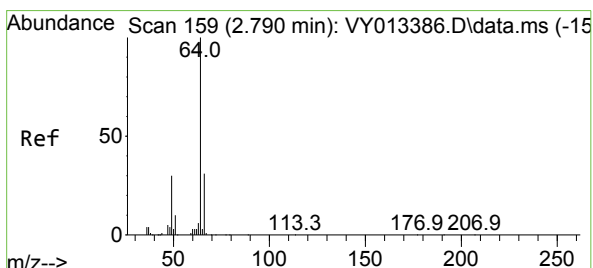
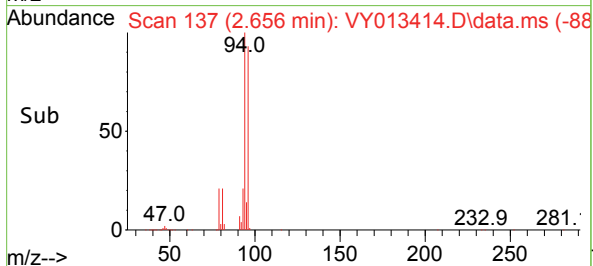
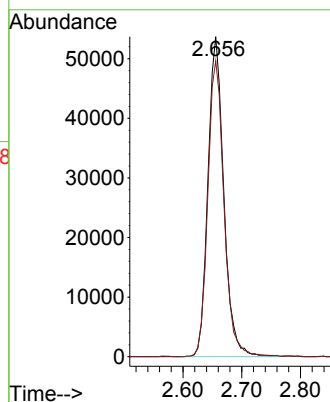
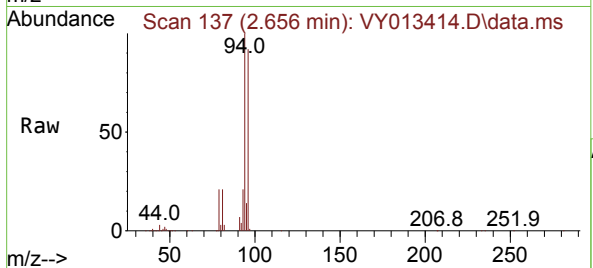




#5
Bromomethane
Concen: 41.236 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

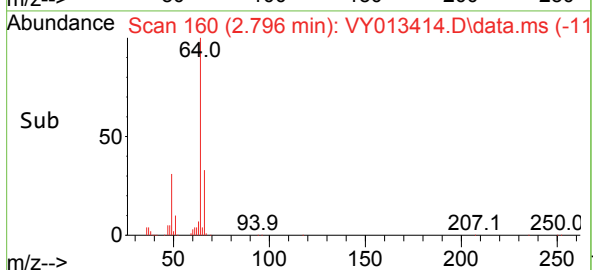
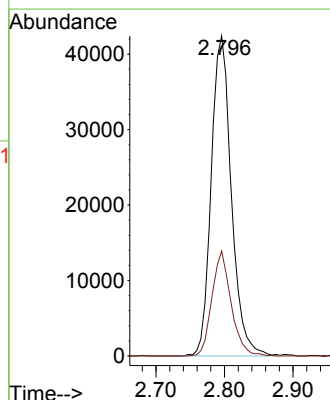
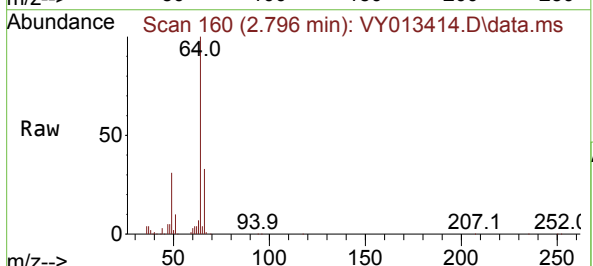
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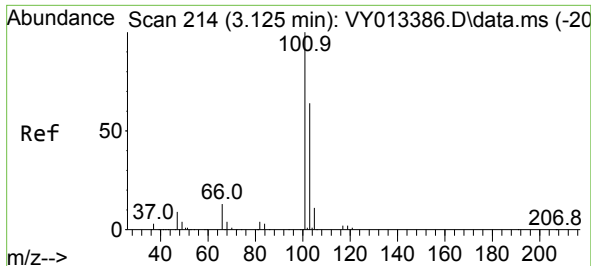
Tgt Ion: 94 Resp: 100465
Ion Ratio Lower Upper
94 100
96 92.4 74.2 111.2



#6
Chloroethane
Concen: 41.051 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 64 Resp: 86704
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0

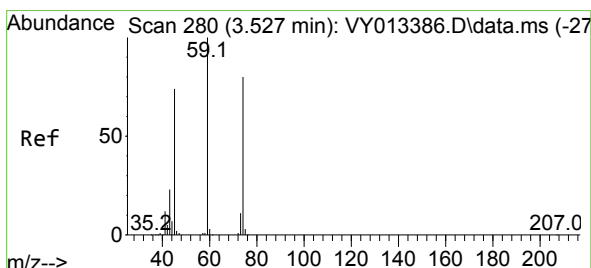
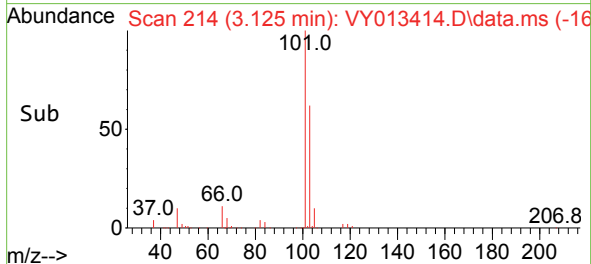
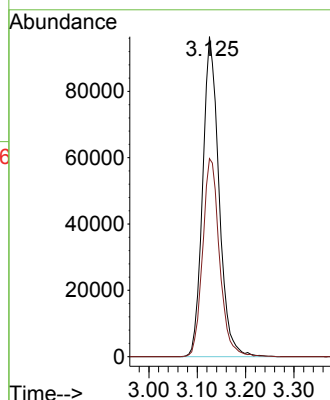
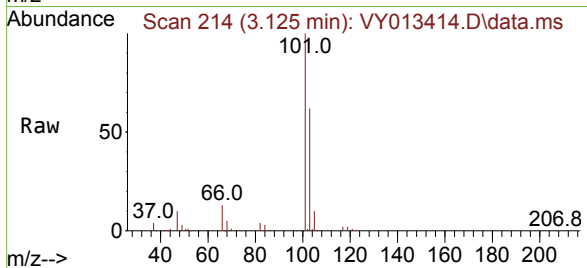




#7
 Trichlorofluoromethane
 Concen: 48.853 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

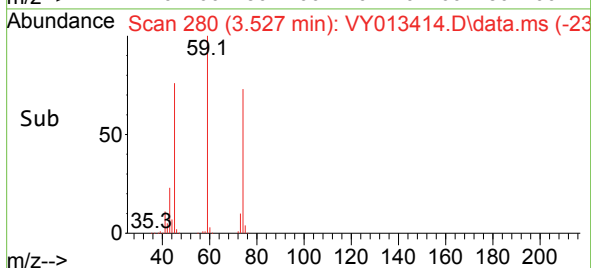
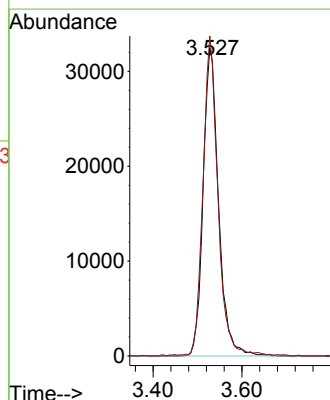
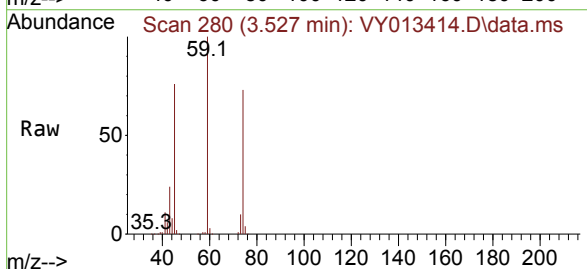
Instrument :
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 ClientSampleId :
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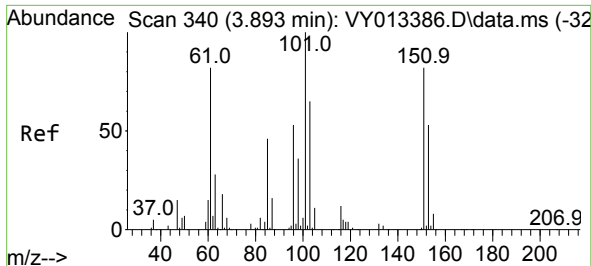
Tgt Ion:101 Resp: 226268
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 49.722 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

Tgt Ion: 74 Resp: 78422
 Ion Ratio Lower Upper
 74 100
 45 99.5 48.2 144.6

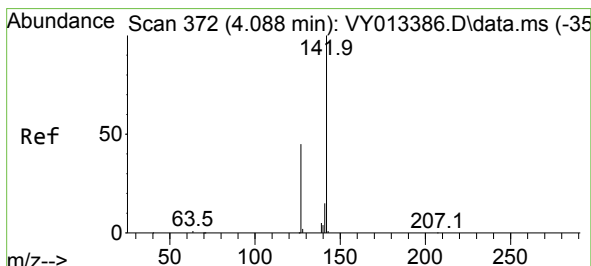
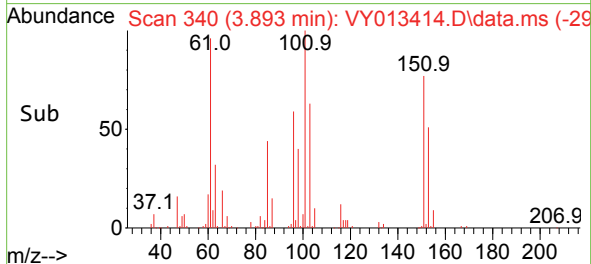
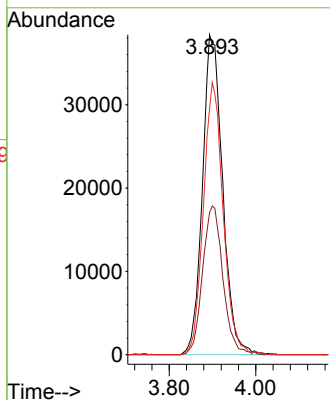
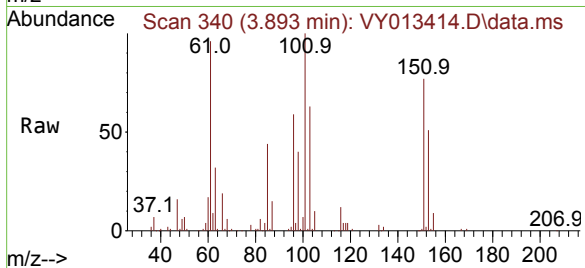




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.893 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

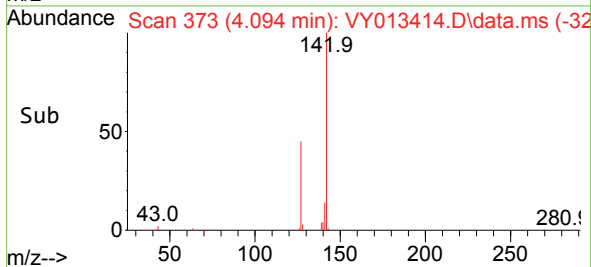
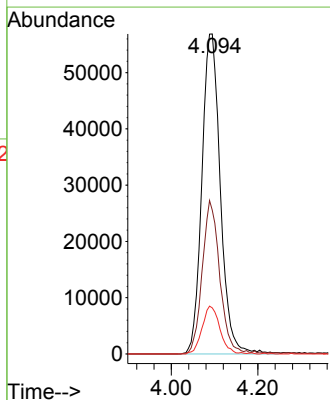
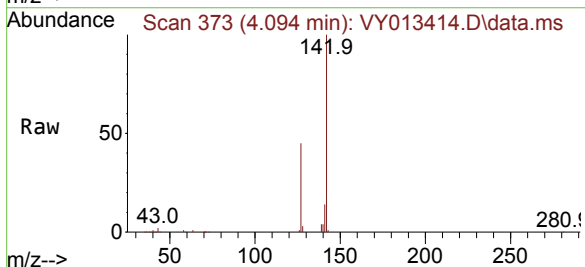
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

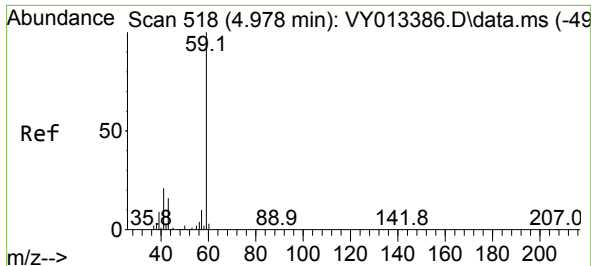
Tgt Ion:101 Resp: 124422
Ion Ratio Lower Upper
101 100
85 46.7 35.6 53.4
151 83.4 68.0 102.0



#10
Methyl Iodide
Concen: 51.676 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion:142 Resp: 168619
Ion Ratio Lower Upper
142 100
127 45.4 36.1 54.1
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 194.620 ug/l

RT: 4.978 min Scan# 518

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

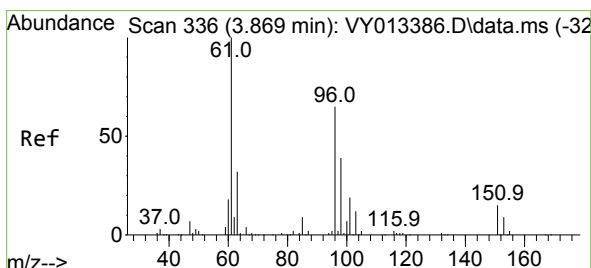
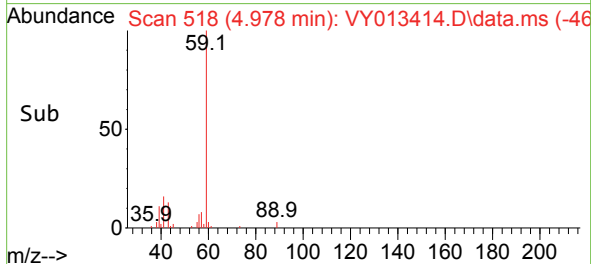
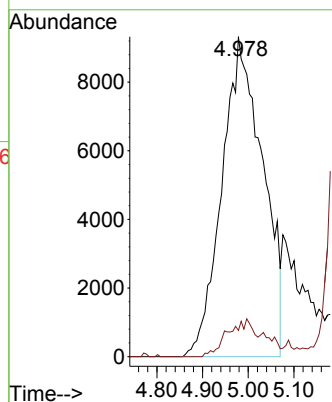
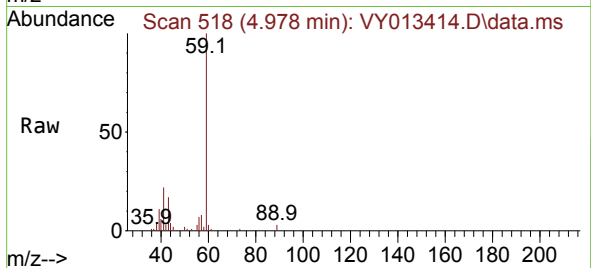
VSTDCCC050EC

Tgt Ion: 59 Resp: 57859

Ion Ratio Lower Upper

59 100

57 7.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.140 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

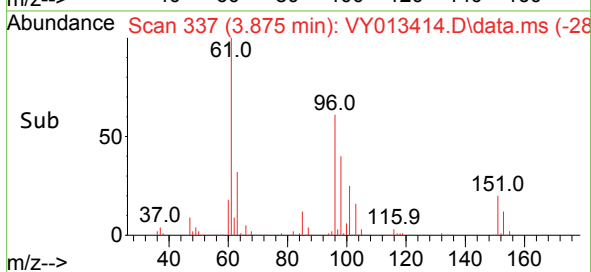
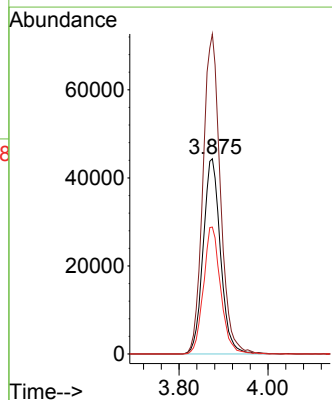
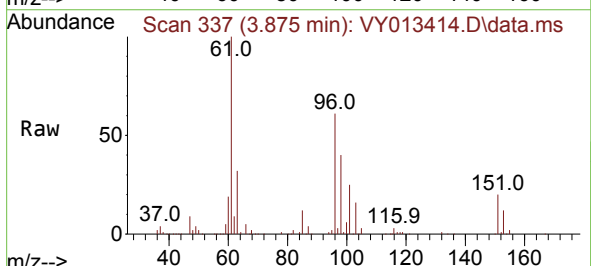
Tgt Ion: 96 Resp: 120553

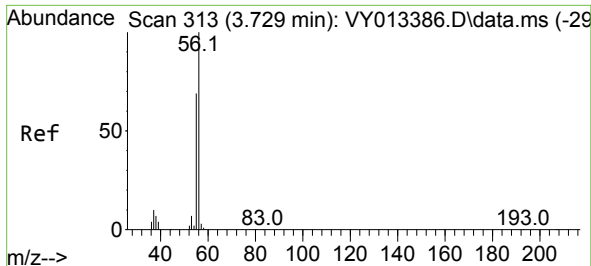
Ion Ratio Lower Upper

96 100

61 164.0 123.9 185.9

98 65.0 48.9 73.3





#13

Acrolein

Concen: 209.324 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

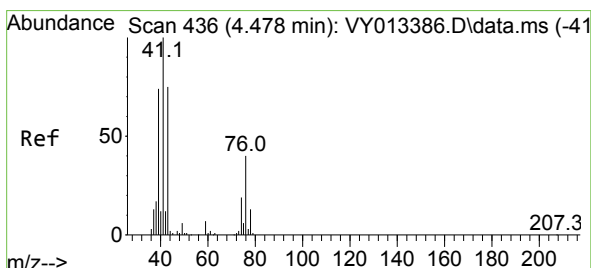
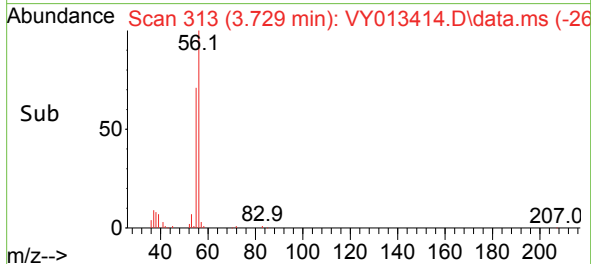
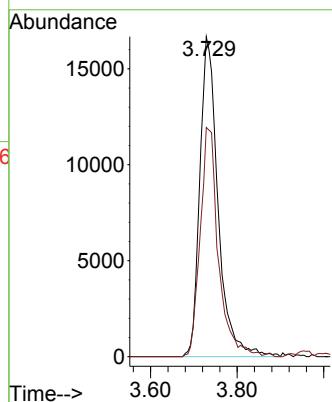
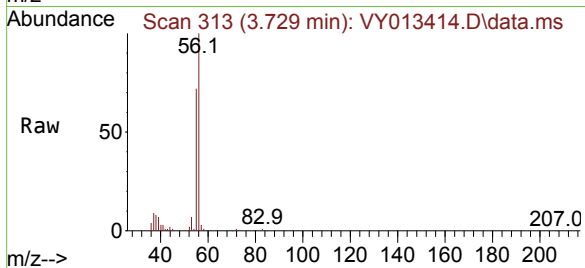
VSTDCCC050EC

Tgt Ion: 56 Resp: 48643

Ion Ratio Lower Upper

56 100

55 71.6 54.1 81.1



#14

Allyl chloride

Concen: 46.307 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

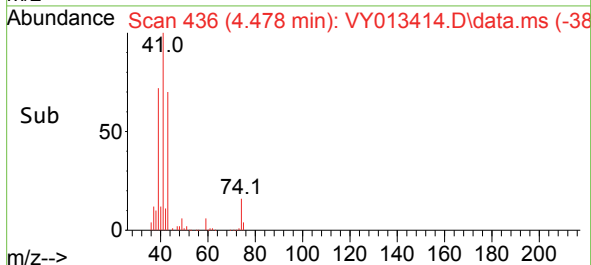
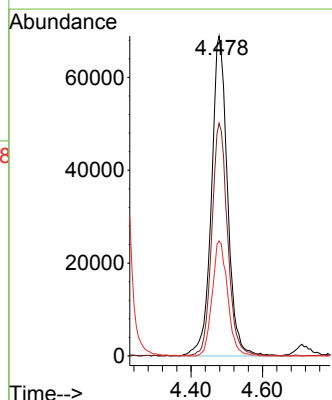
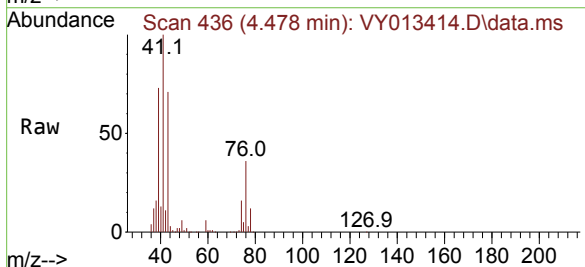
Tgt Ion: 41 Resp: 215170

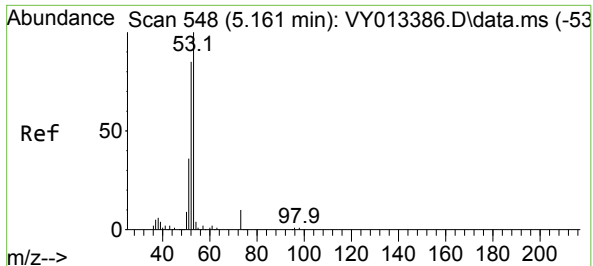
Ion Ratio Lower Upper

41 100

39 71.5 56.6 85.0

76 34.5 30.5 45.7

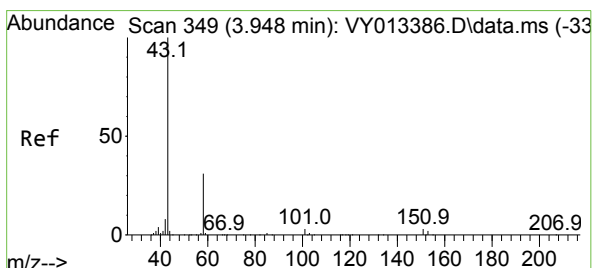
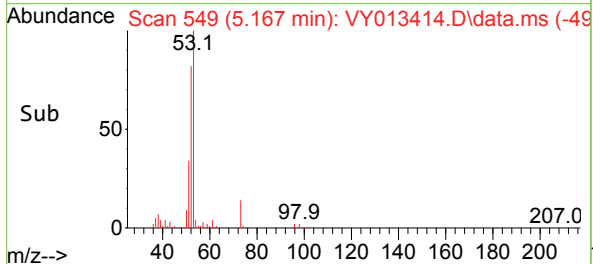
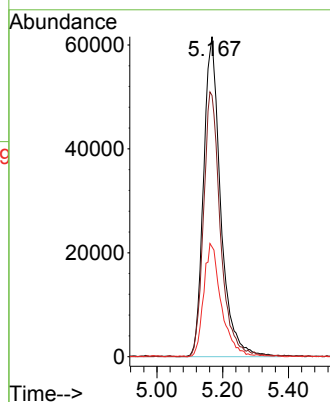
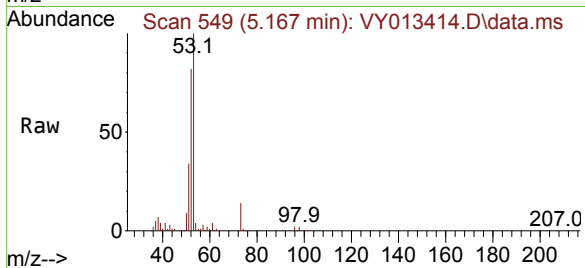




#15
Acrylonitrile
Concen: 252.449 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

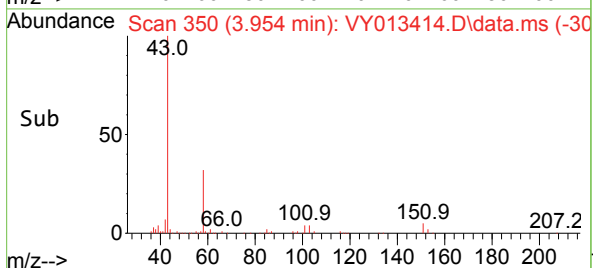
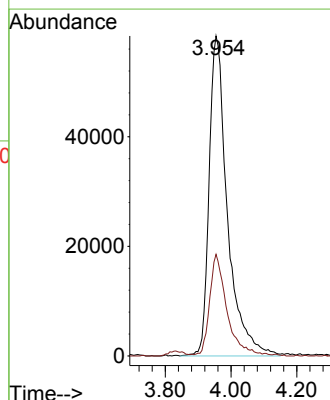
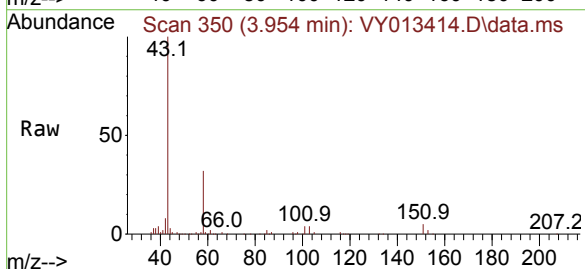
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

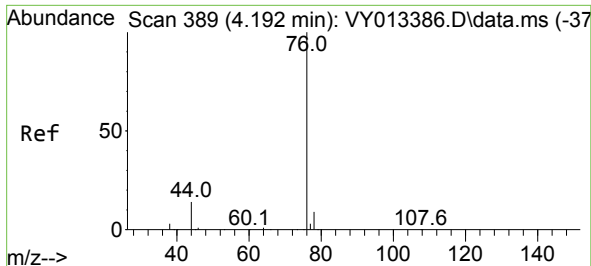
Tgt Ion: 53 Resp: 222987
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.0
51 36.3 29.3 43.9



#16
Acetone
Concen: 216.988 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 43 Resp: 225715
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

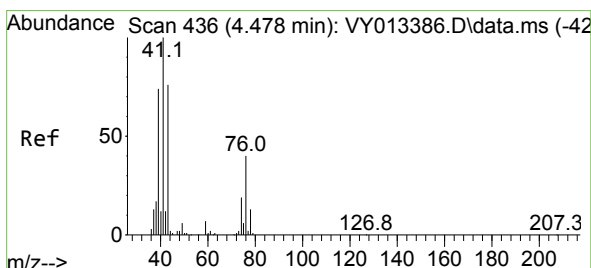
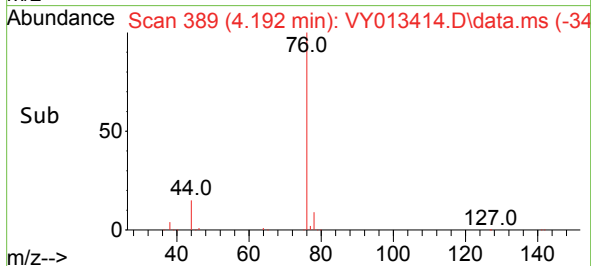
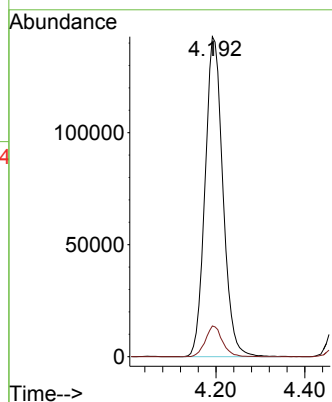
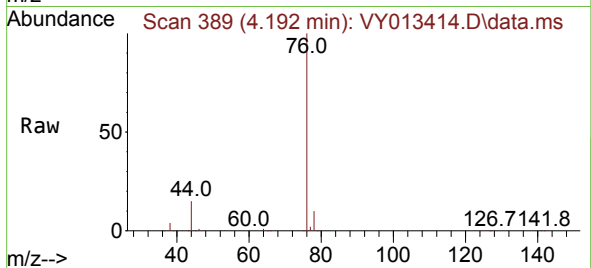




#17
Carbon Disulfide
Concen: 49.069 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

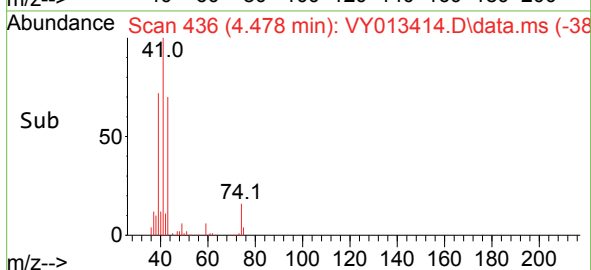
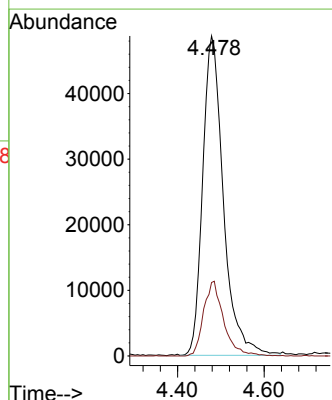
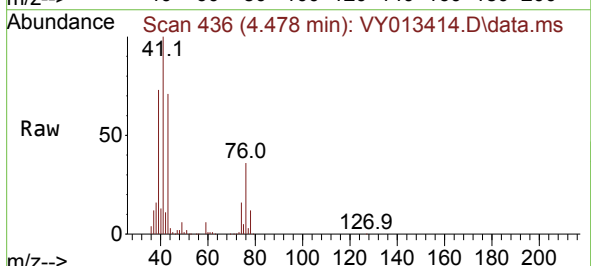
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

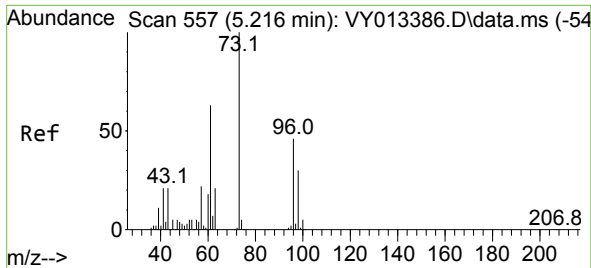
Tgt Ion: 76 Resp: 399158
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 47.003 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 43 Resp: 161484
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2

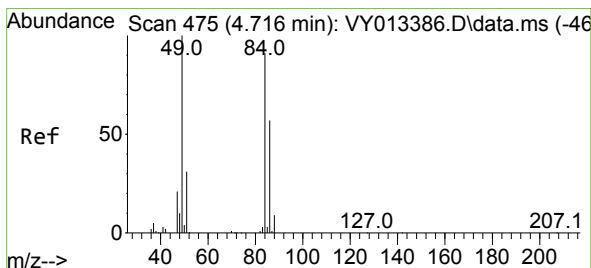
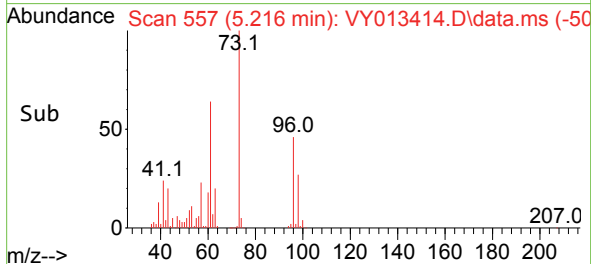
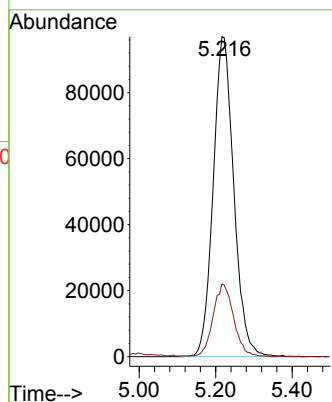
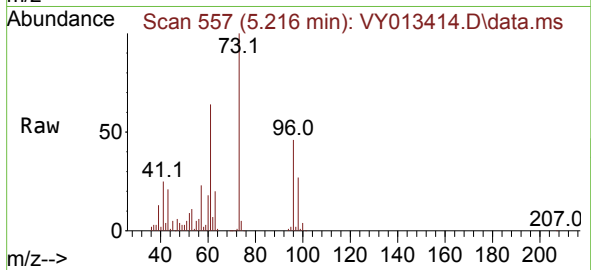




#19
Methyl tert-butyl Ether
Concen: 50.082 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

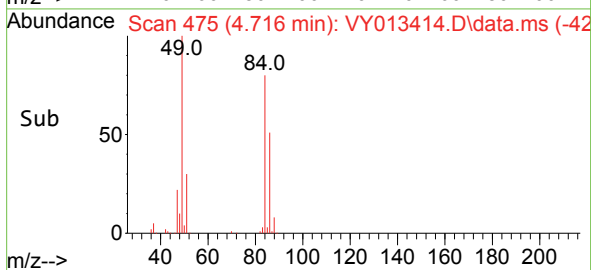
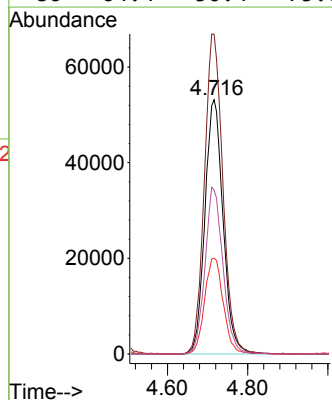
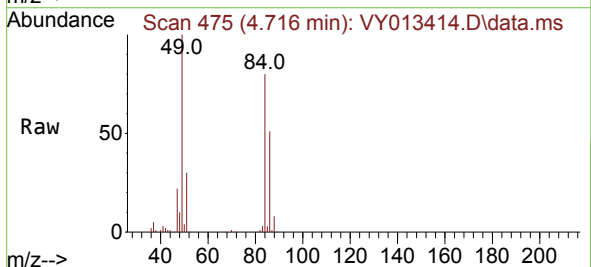
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

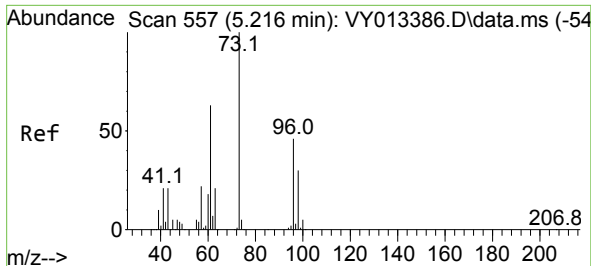
Tgt Ion: 73 Resp: 362078
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 51.488 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 84 Resp: 167000
Ion Ratio Lower Upper
84 100
49 125.8 88.0 132.0
51 37.7 27.4 41.0
86 64.4 50.4 75.6

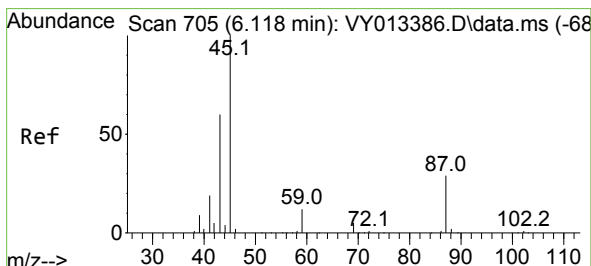
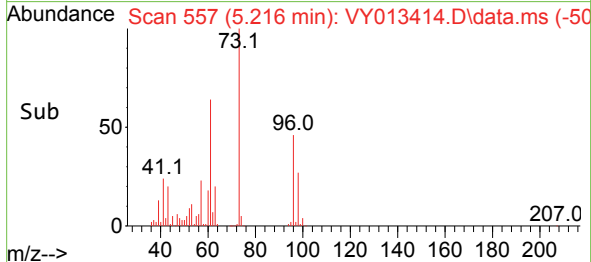
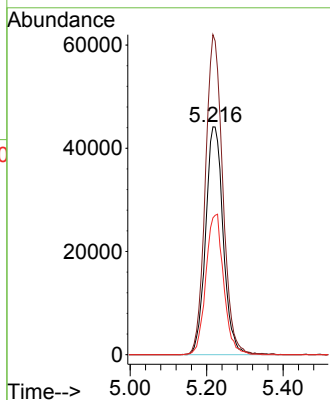
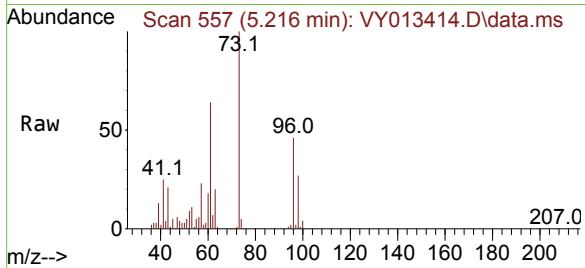




#21
trans-1,2-Dichloroethene
Concen: 51.415 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

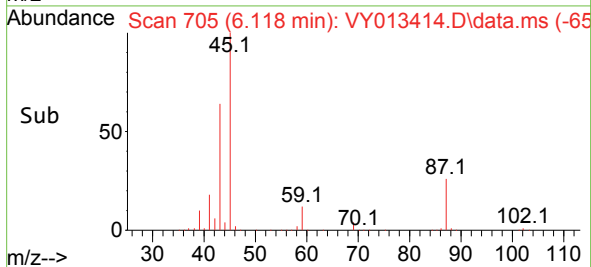
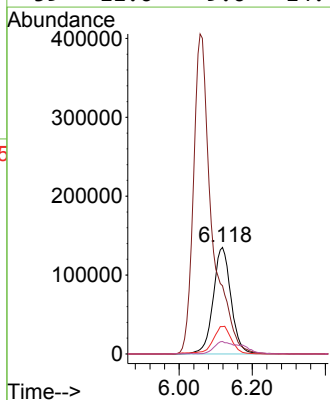
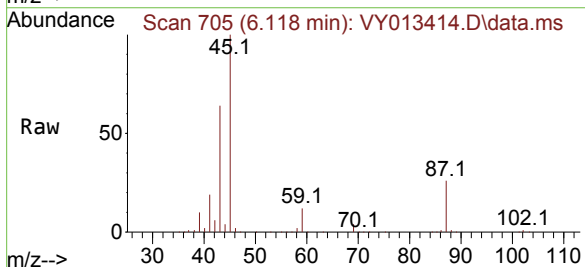
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

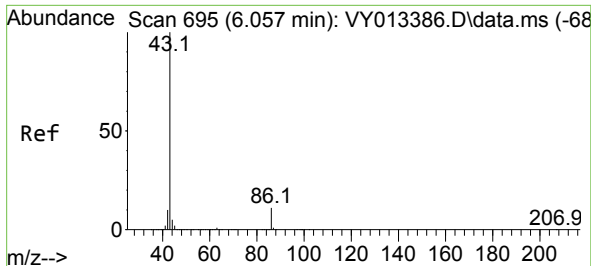
Tgt Ion: 96 Resp: 140776
Ion Ratio Lower Upper
96 100
61 140.4 110.6 165.8
98 60.1 53.1 79.7



#22
Diisopropyl ether
Concen: 50.307 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 45 Resp: 456894
Ion Ratio Lower Upper
45 100
43 63.5 48.4 72.6
87 25.7 23.8 35.6
59 11.6 9.6 14.4

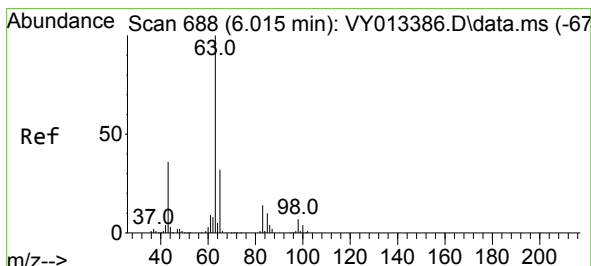
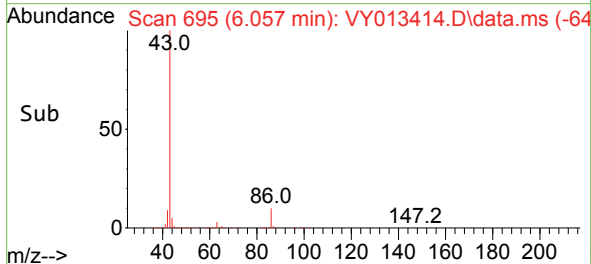
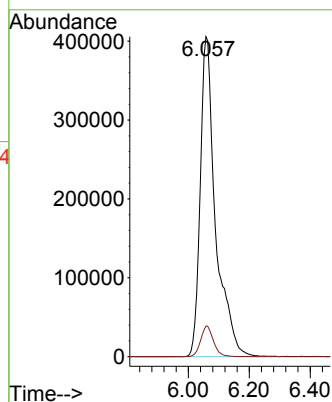
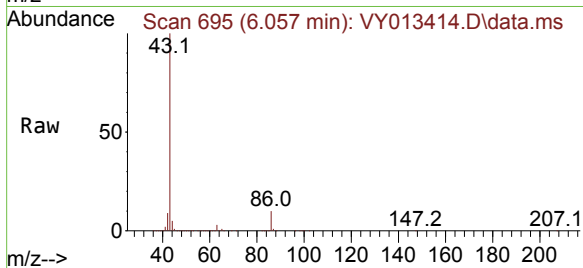




#23
 Vinyl Acetate
 Concen: 275.885 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

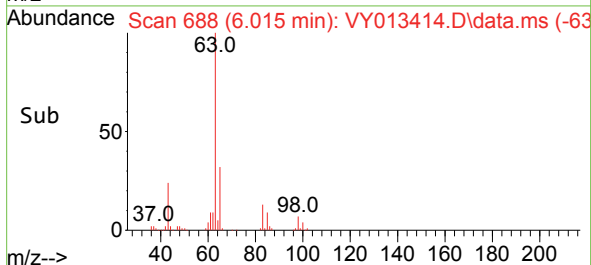
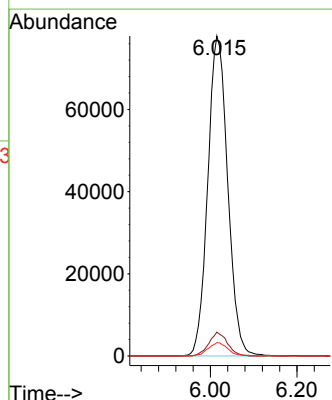
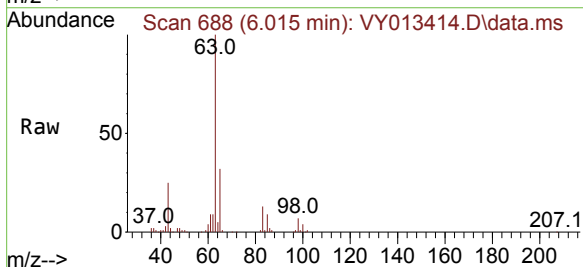
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

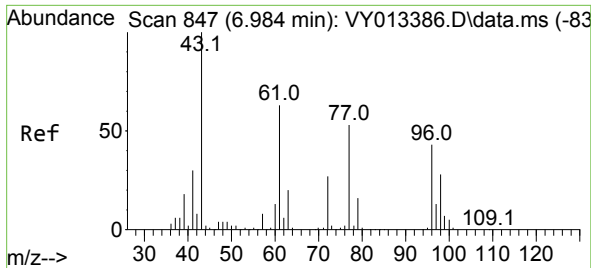
Tgt Ion: 43 Resp: 1418672
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.241 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

Tgt Ion: 63 Resp: 249246
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.2 2.2 6.6

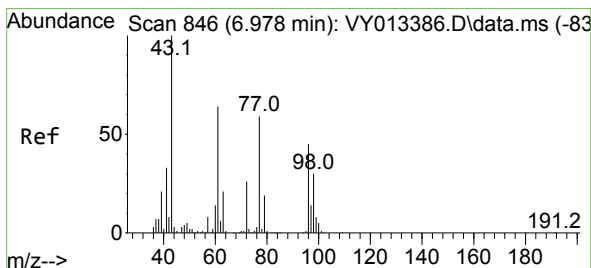
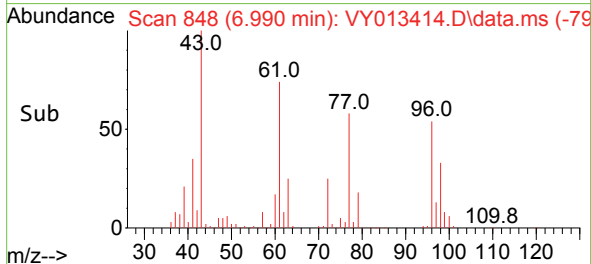
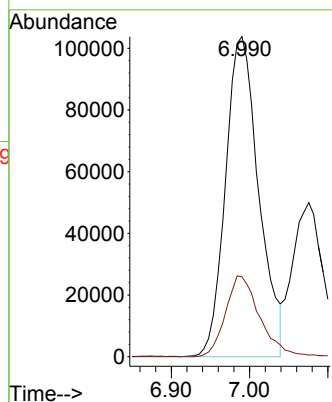
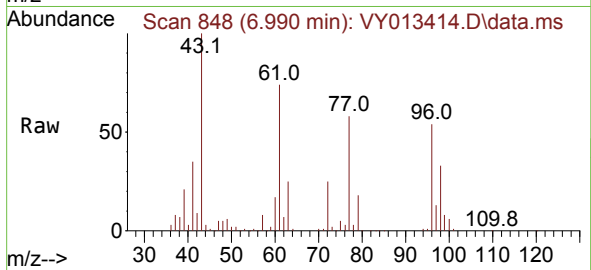




#25
2-Butanone
Concen: 232.436 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

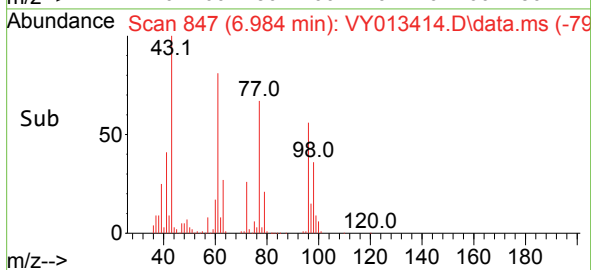
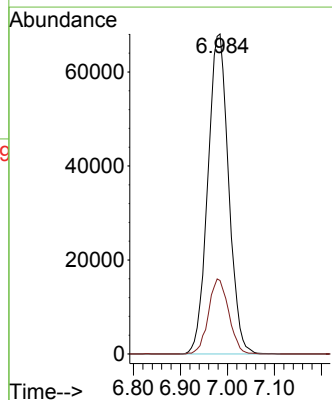
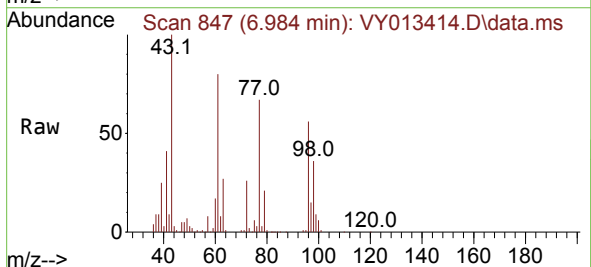
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

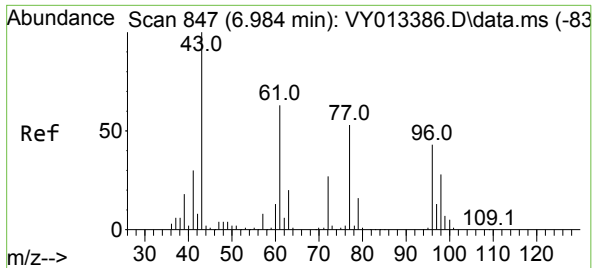
Tgt Ion: 43 Resp: 306635
Ion Ratio Lower Upper
43 100
72 25.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 47.846 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 77 Resp: 208691
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4

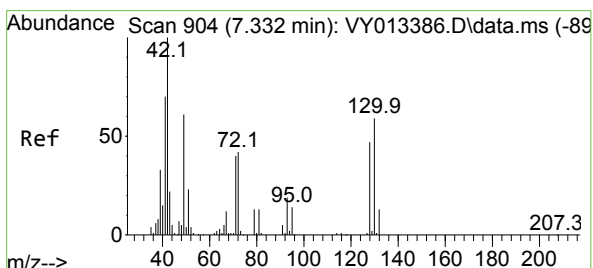
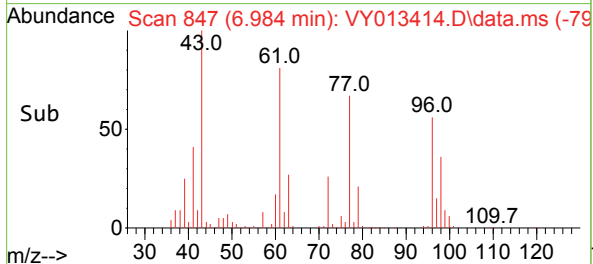
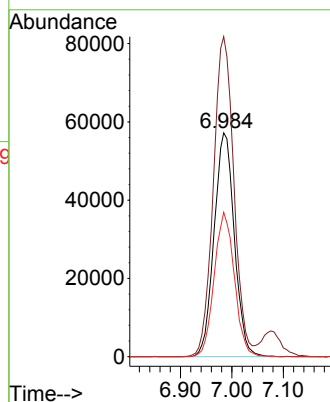
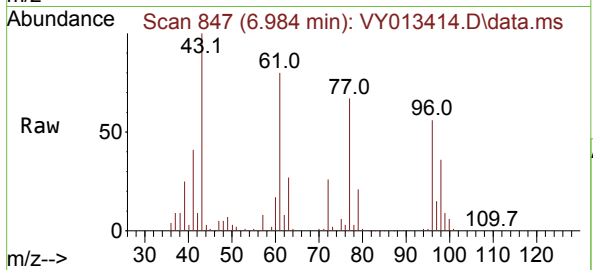




#27
 cis-1,2-Dichloroethene
 Concen: 51.718 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

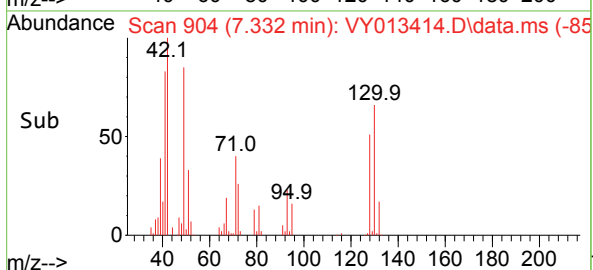
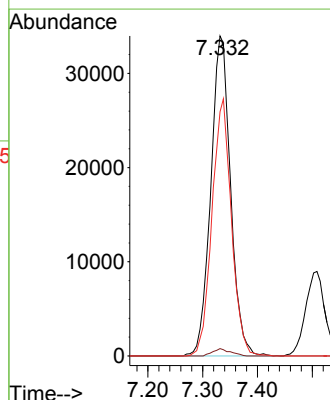
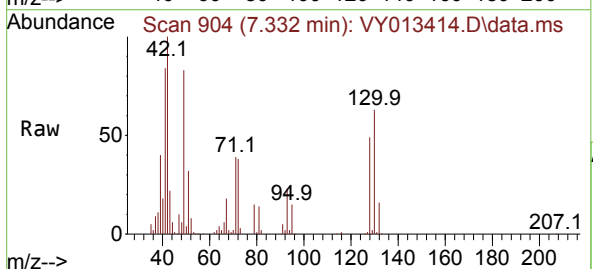
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

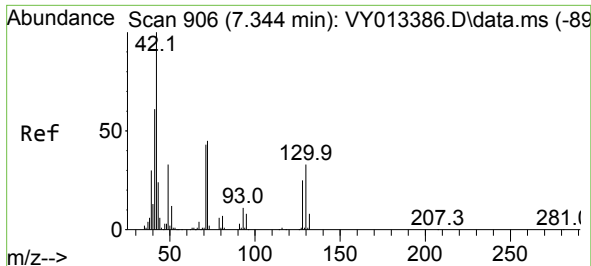
Tgt Ion: 96 Resp: 156457
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 285.0
 98 64.2 0.0 130.6



#28
 Bromochloromethane
 Concen: 47.358 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

Tgt Ion: 49 Resp: 85066
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.2
 130 78.8 72.1 108.1





#29

Tetrahydrofuran

Concen: 249.900 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

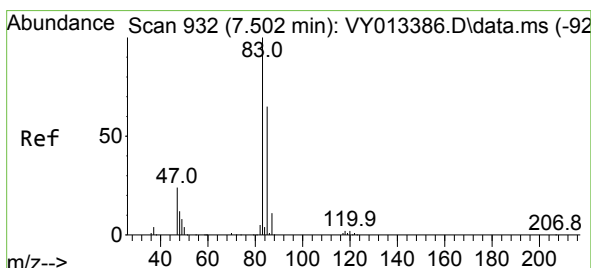
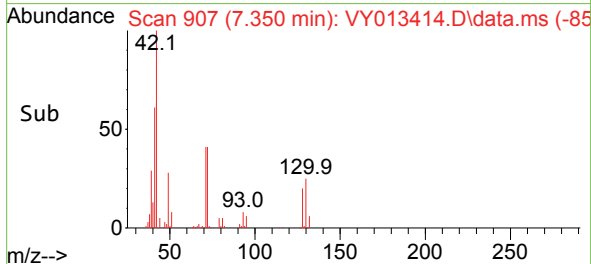
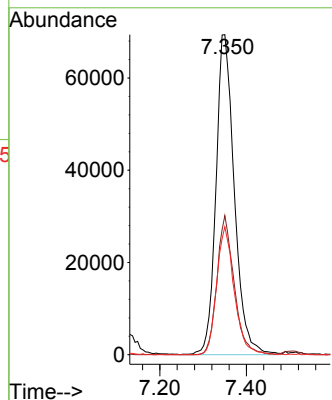
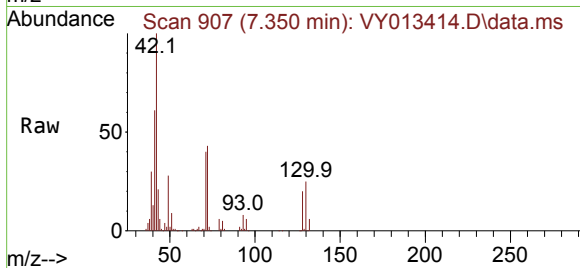
Tgt Ion: 42 Resp: 205215

Ion Ratio Lower Upper

42 100

72 40.7 35.9 53.9

71 38.1 34.3 51.5



#30

Chloroform

Concen: 51.609 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013414.D

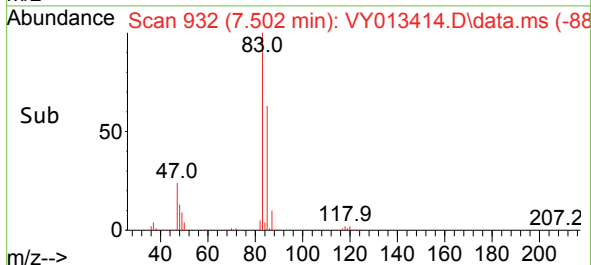
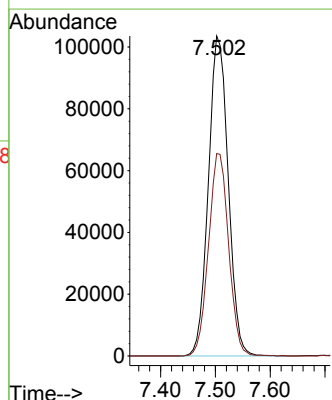
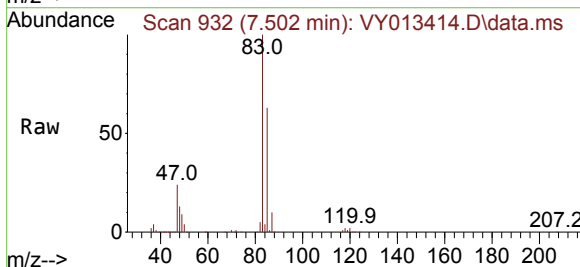
Acq: 24 Apr 2023 20:33

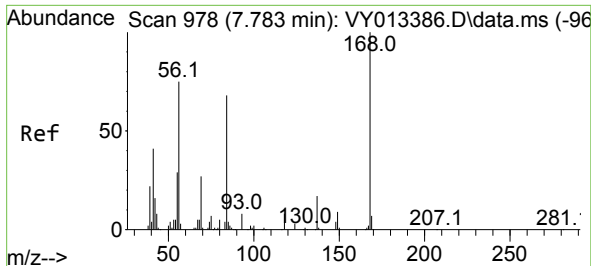
Tgt Ion: 83 Resp: 259733

Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

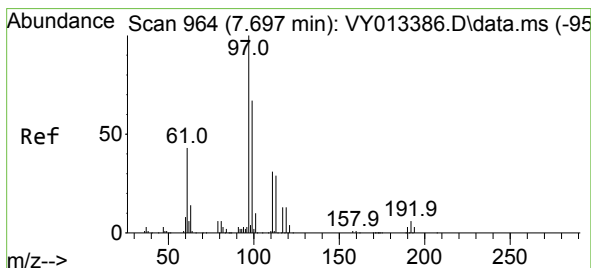
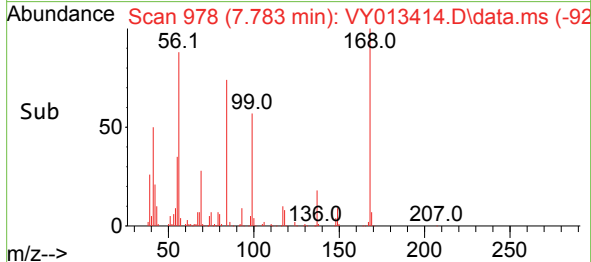
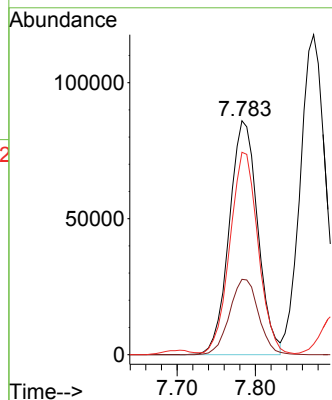
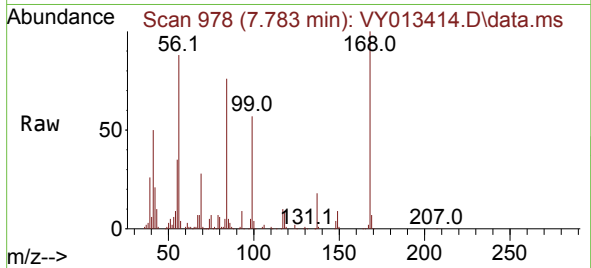




#31
Cyclohexane
Concen: 46.111 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

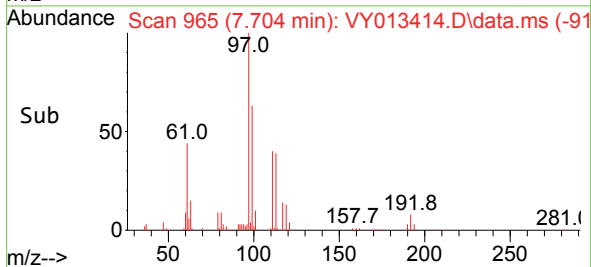
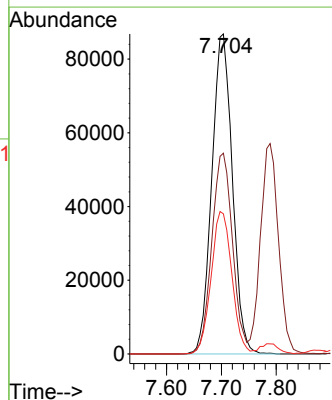
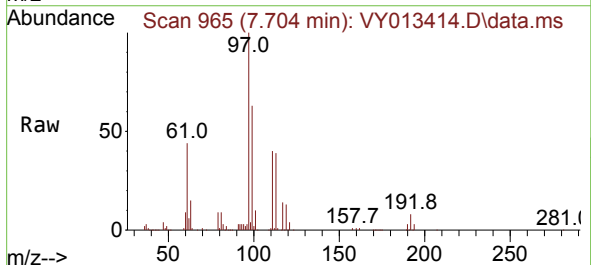
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

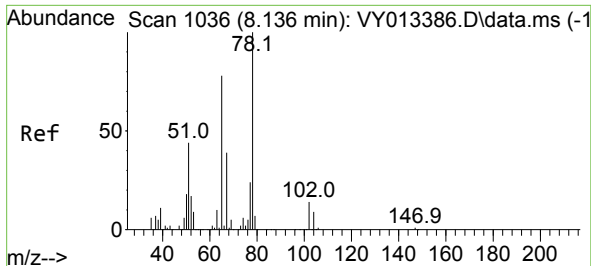
Tgt Ion: 56 Resp: 218073
Ion Ratio Lower Upper
56 100
69 32.2 29.2 43.8
84 84.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.302 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 97 Resp: 225903
Ion Ratio Lower Upper
97 100
99 63.2 52.2 78.2
61 44.9 33.8 50.8

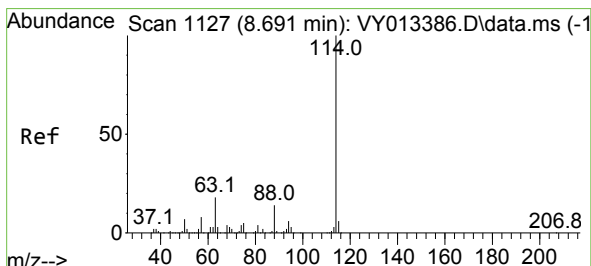
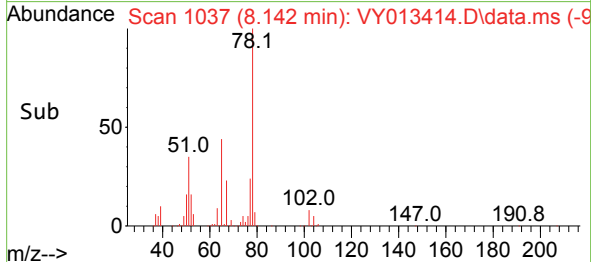
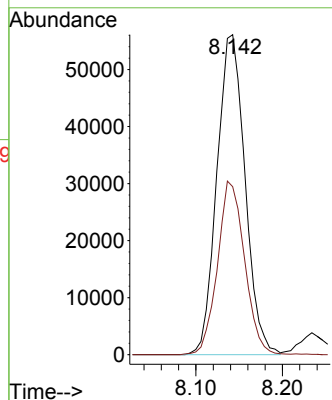
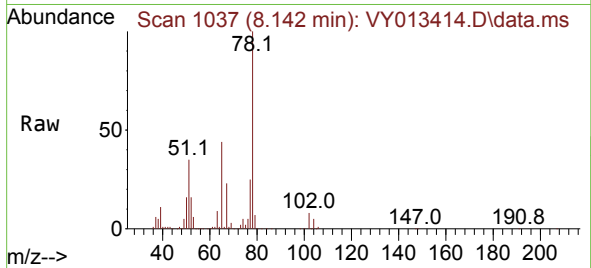




#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

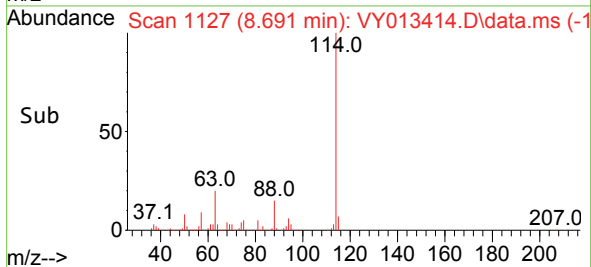
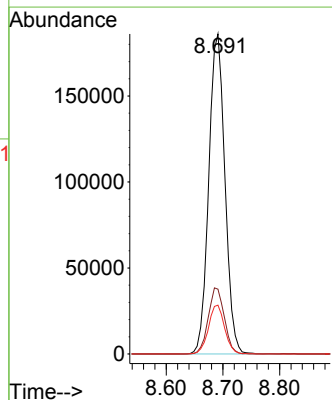
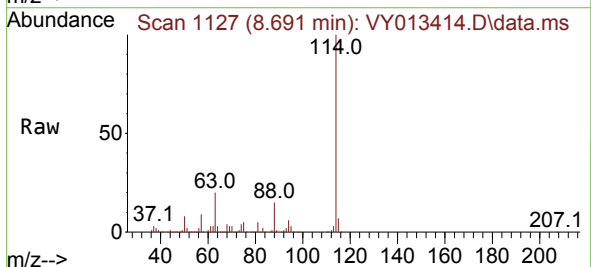
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

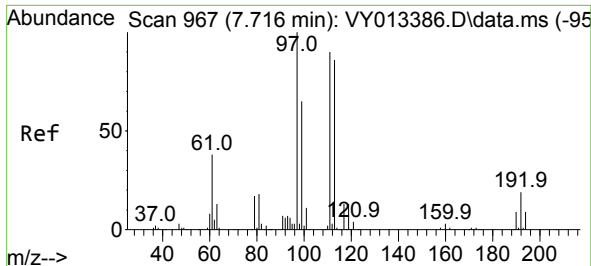
Tgt Ion: 65 Resp: 126682
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 114 Resp: 369223
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.6
88 15.3 0.0 28.8

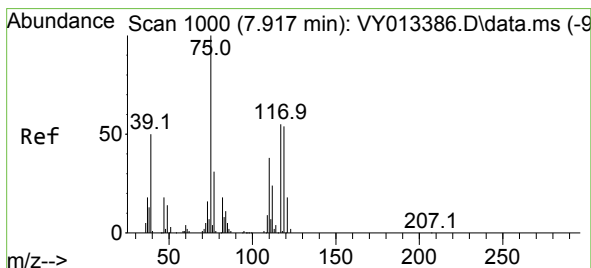
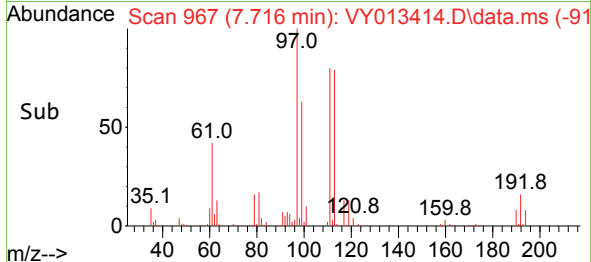
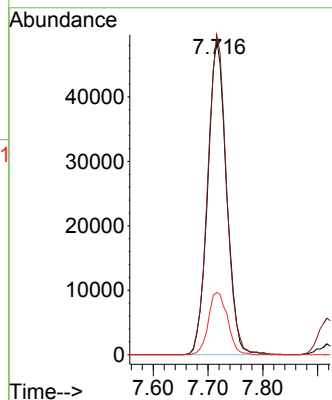
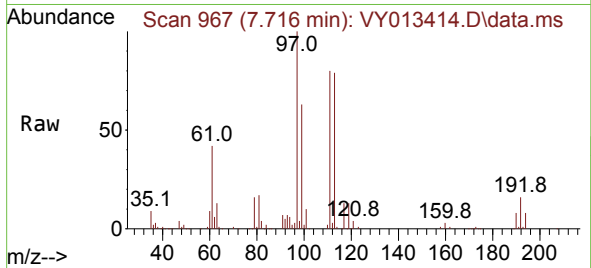




#35
Dibromofluoromethane
Concen: 49.723 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

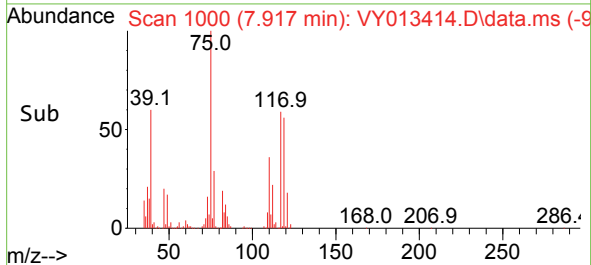
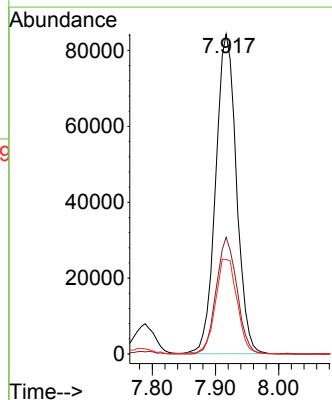
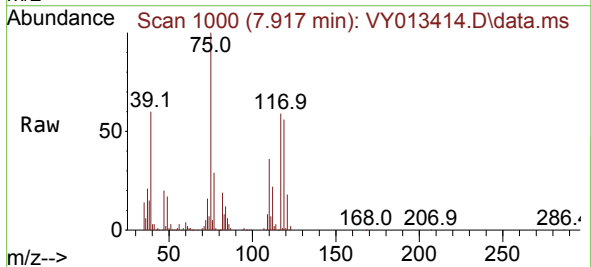
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

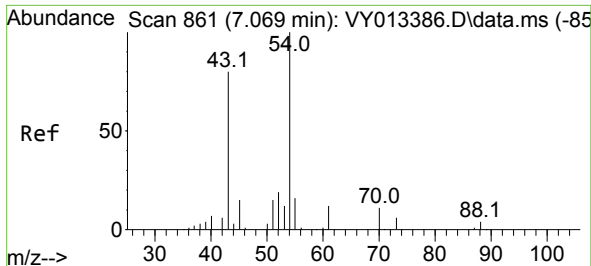
Tgt Ion:113 Resp: 115468
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 49.730 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 75 Resp: 191664
Ion Ratio Lower Upper
75 100
110 36.5 18.7 56.1
77 31.4 24.6 37.0

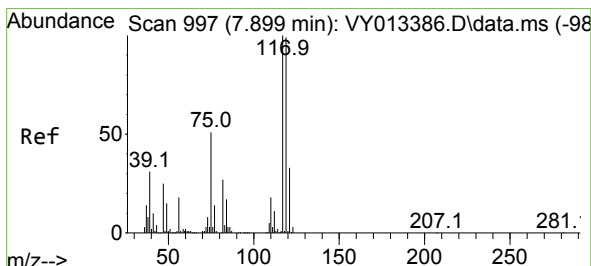
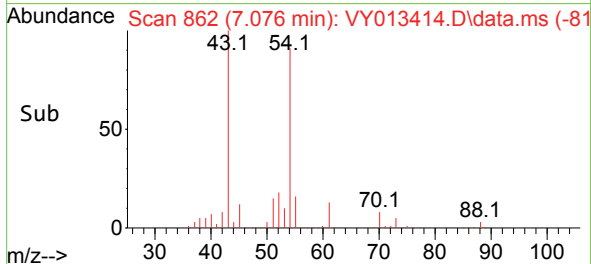
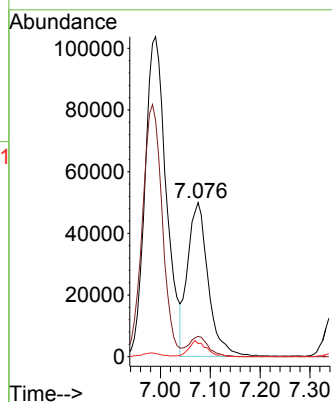
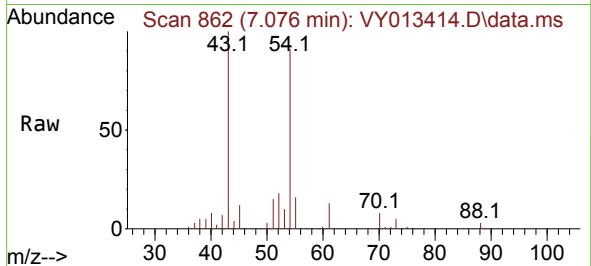




#37
Ethyl Acetate
Concen: 49.332 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

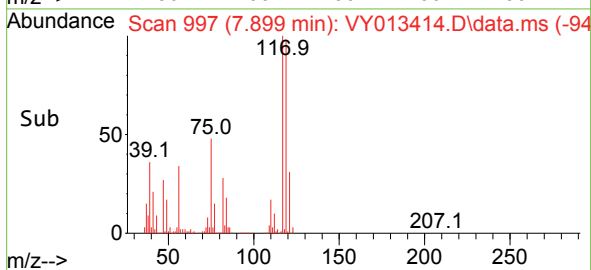
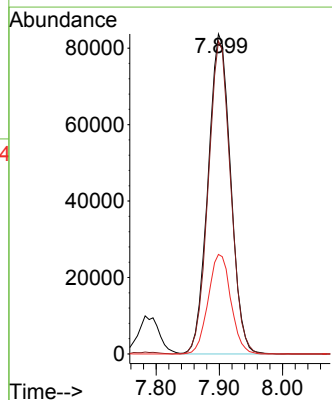
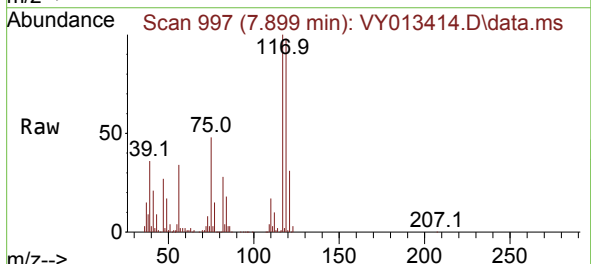
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

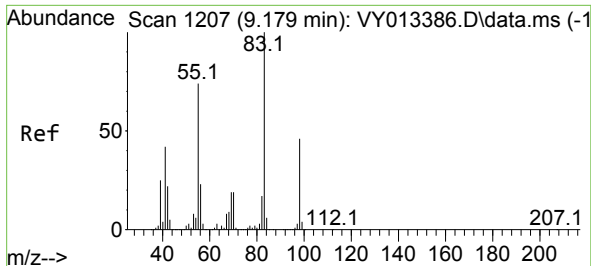
Tgt Ion: 43 Resp: 143080
Ion Ratio Lower Upper
43 100
61 12.4 11.4 17.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.454 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 117 Resp: 207851
Ion Ratio Lower Upper
117 100
119 97.8 79.0 118.6
121 31.1 26.6 40.0





#39

Methylcyclohexane

Concen: 51.388 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

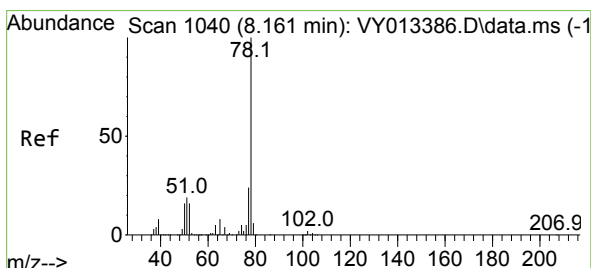
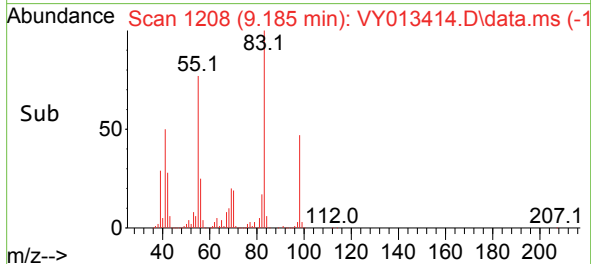
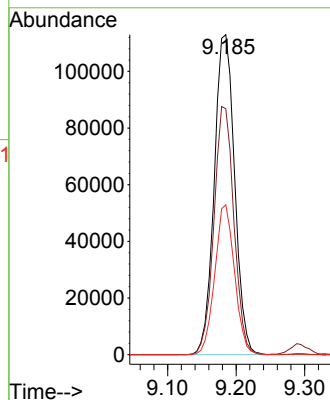
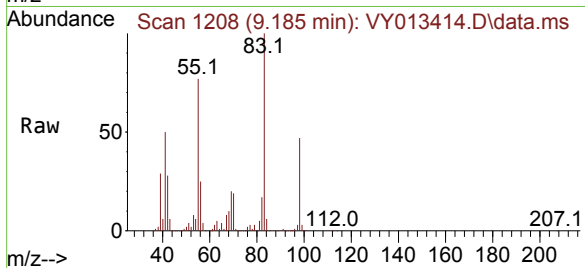
Tgt Ion: 83 Resp: 233485

Ion Ratio Lower Upper

83 100

55 76.8 59.0 88.4

98 46.8 37.0 55.4



#40

Benzene

Concen: 51.570 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013414.D

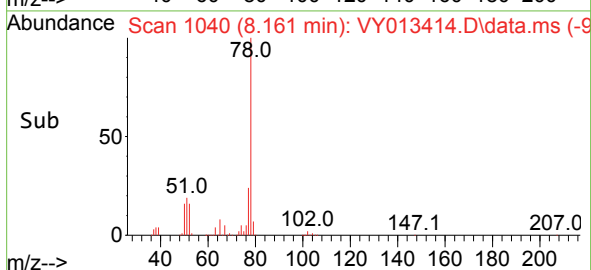
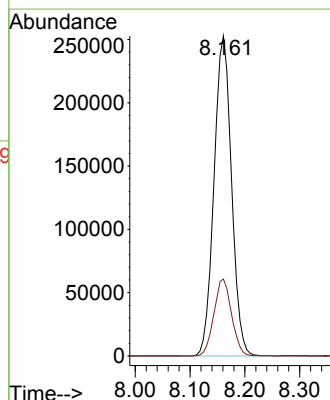
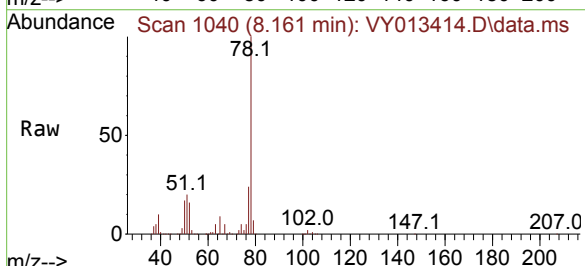
Acq: 24 Apr 2023 20:33

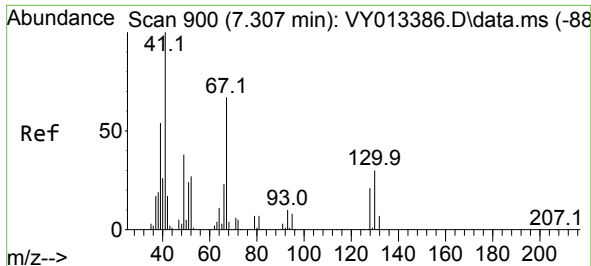
Tgt Ion: 78 Resp: 559871

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

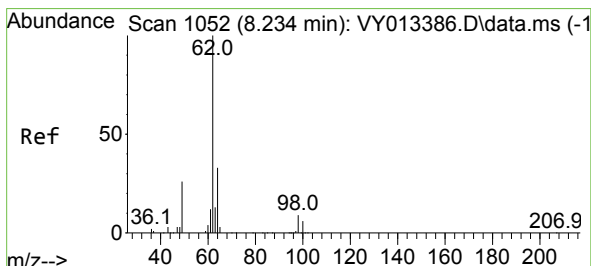
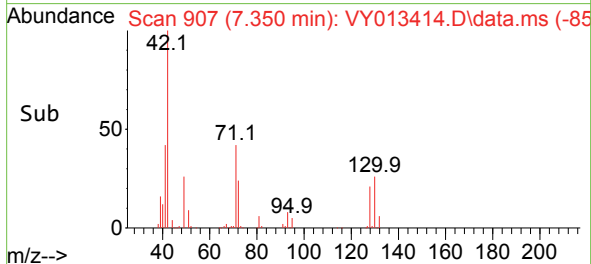
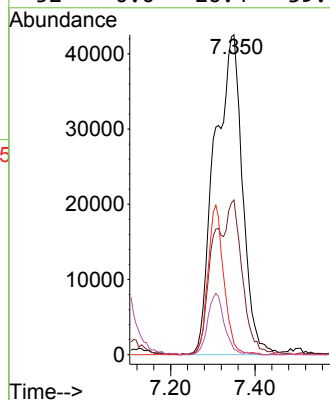
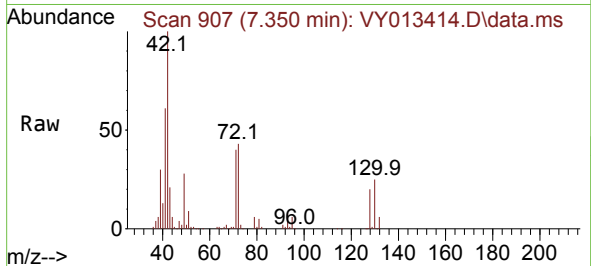




#41
Methacrylonitrile
Concen: 143.321 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

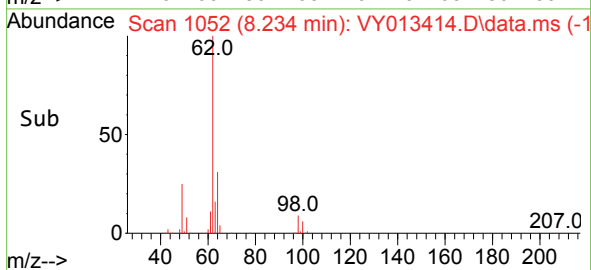
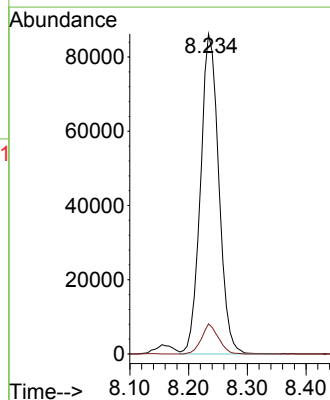
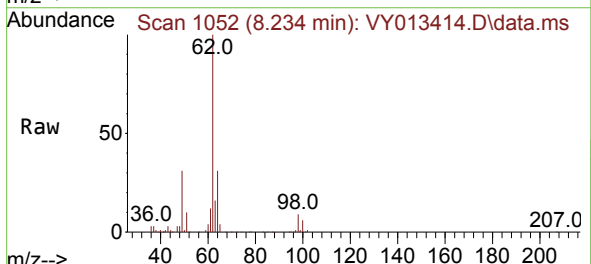
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

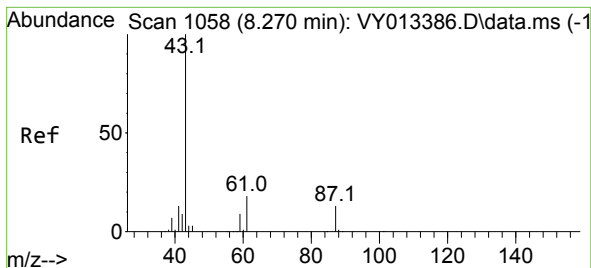
Tgt Ion: 41 Resp: 193704
Ion Ratio Lower Upper
41 100
39 24.9 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 52.654 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 62 Resp: 186889
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 49.779 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

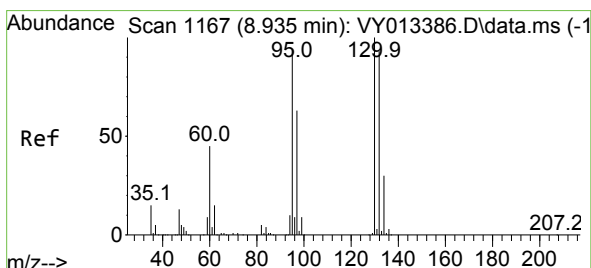
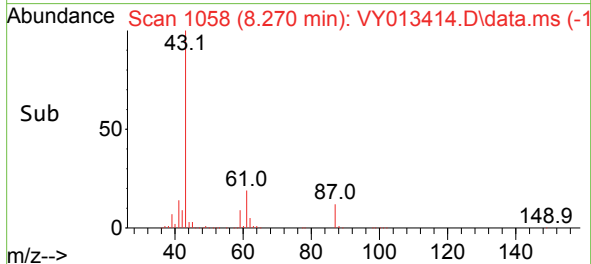
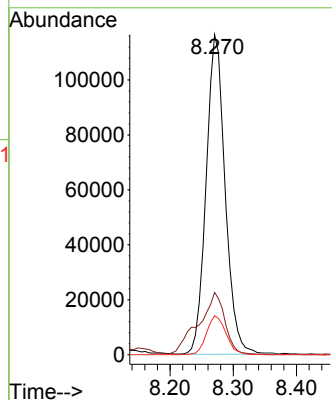
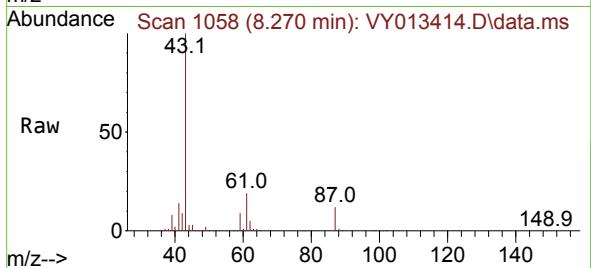
Tgt Ion: 43 Resp: 243690

Ion Ratio Lower Upper

43 100

61 27.1 22.2 33.4

87 12.5 11.0 16.6



#44

Trichloroethene

Concen: 51.802 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013414.D

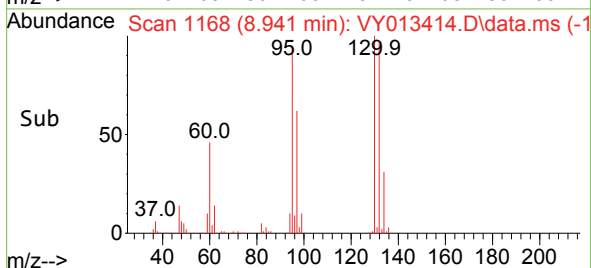
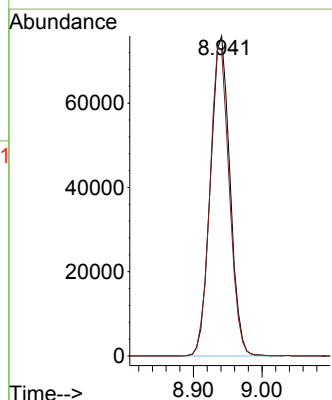
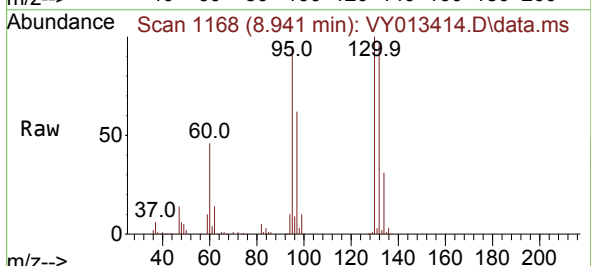
Acq: 24 Apr 2023 20:33

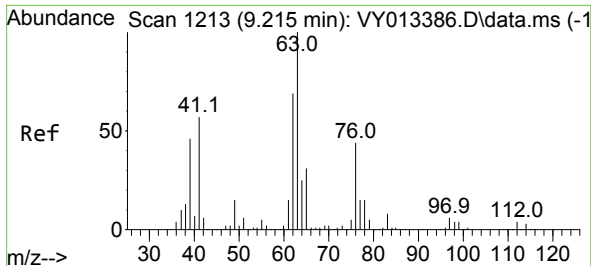
Tgt Ion:130 Resp: 149595

Ion Ratio Lower Upper

130 100

95 95.4 0.0 188.8

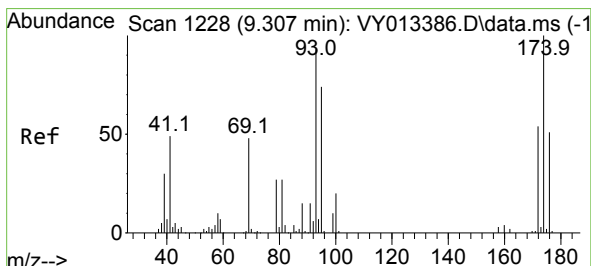
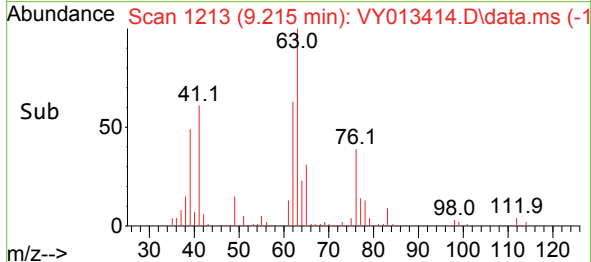
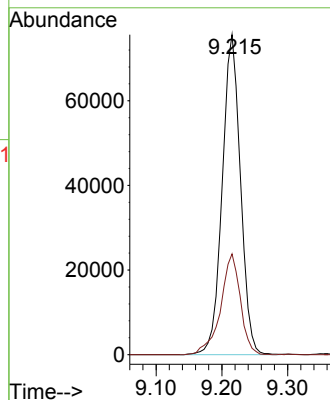
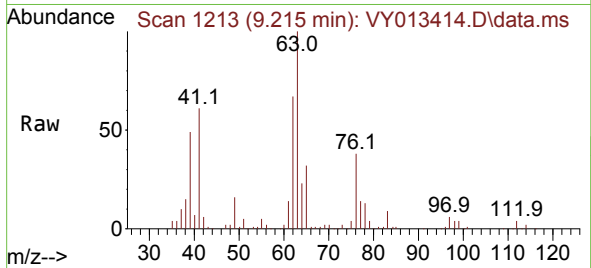




#45
1,2-Dichloropropane
Concen: 51.441 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

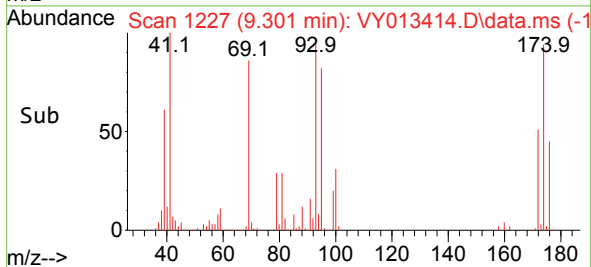
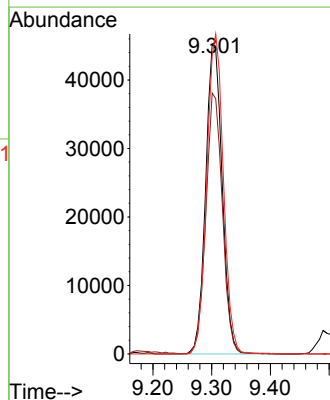
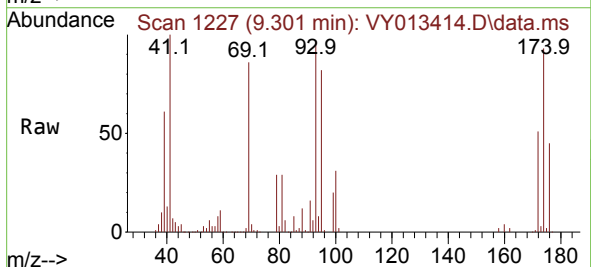
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

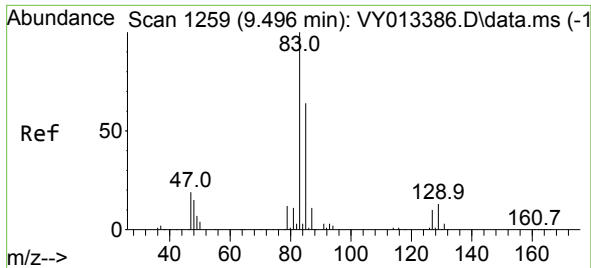
Tgt Ion: 63 Resp: 146019
Ion Ratio Lower Upper
63 100
65 31.5 24.6 37.0



#46
Dibromomethane
Concen: 52.180 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 93 Resp: 88624
Ion Ratio Lower Upper
93 100
95 84.0 67.1 100.7
174 103.4 87.0 130.4

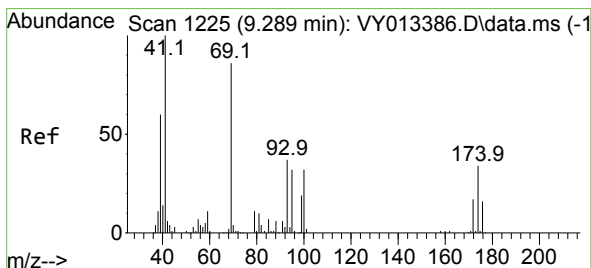
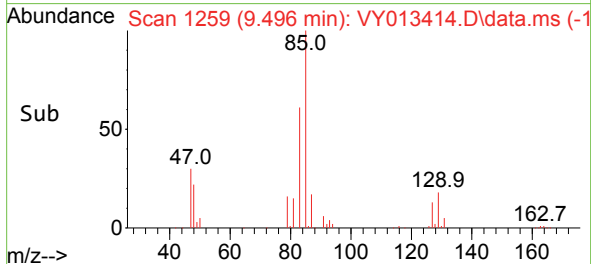
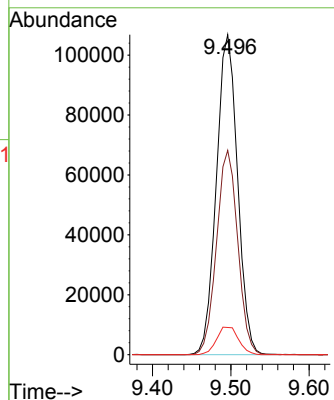
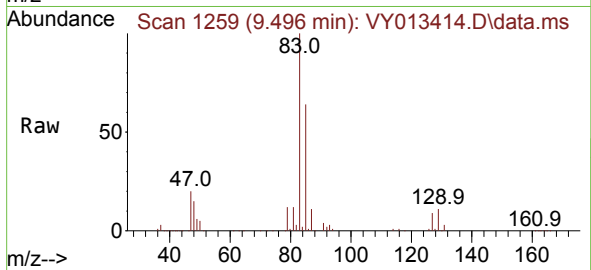




#47
 Bromodichloromethane
 Concen: 52.839 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

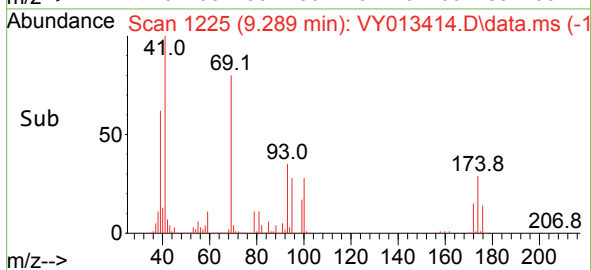
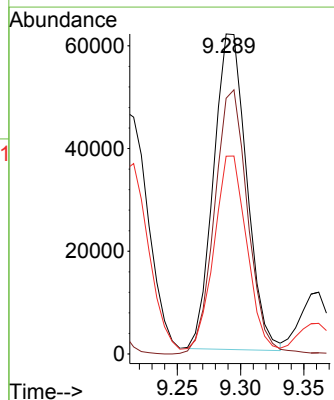
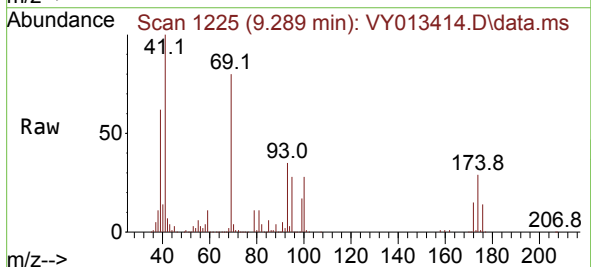
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

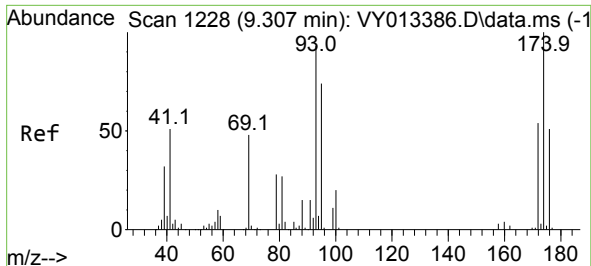
Tgt Ion: 83 Resp: 200811
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.4 77.2
 127 8.5 8.1 12.1



#48
 Methyl methacrylate
 Concen: 49.894 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY013414.D
 Acq: 24 Apr 2023 20:33

Tgt Ion: 41 Resp: 112177
 Ion Ratio Lower Upper
 41 100
 69 84.0 70.2 105.4
 39 60.0 47.9 71.9





#49

1,4-Dioxane

Concen: 1069.537 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013414.D

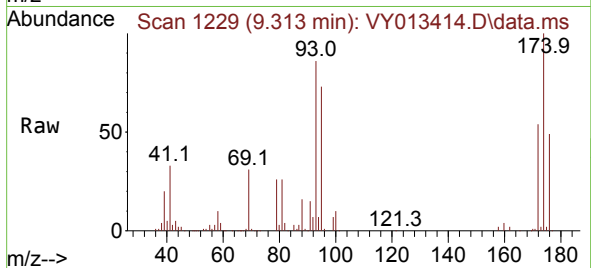
Acq: 24 Apr 2023 20:33

Instrument :

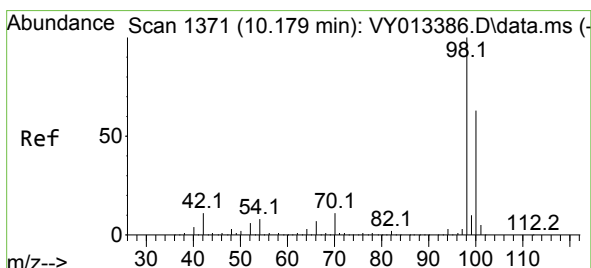
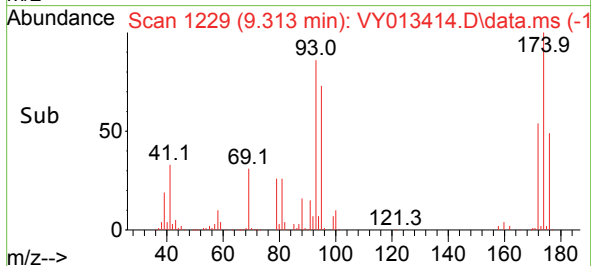
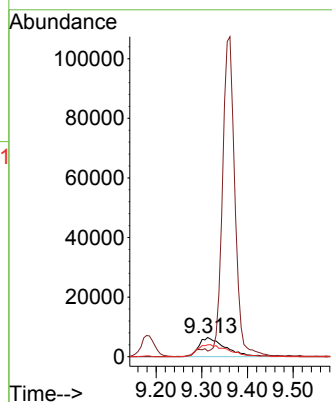
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	88	Resp:	25944
Ion	Ratio	Lower	Upper
88	100		
43	0.0	16.8	25.2#
58	71.8	54.3	81.5



#50

Toluene-d8

Concen: 48.095 ug/l

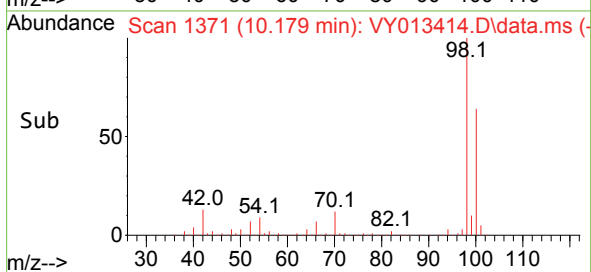
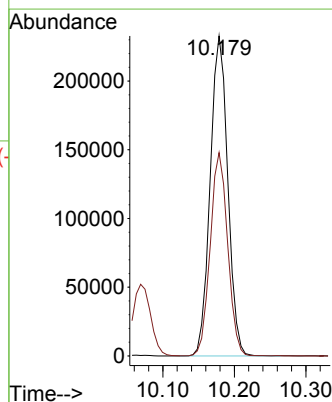
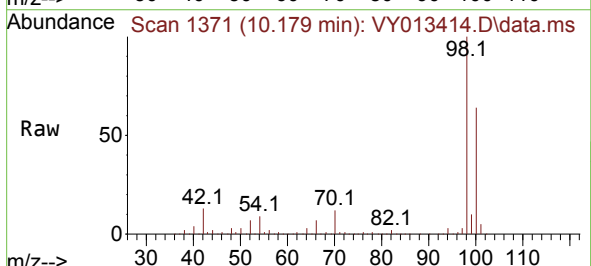
RT: 10.179 min Scan# 1371

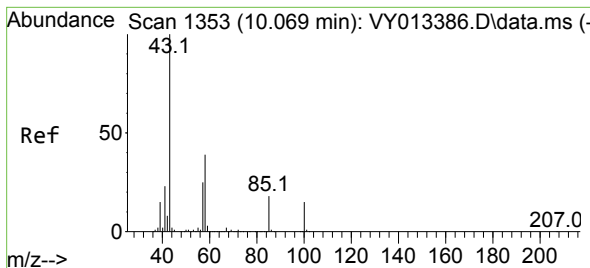
Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Tgt Ion:	98	Resp:	397320
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.5	75.7

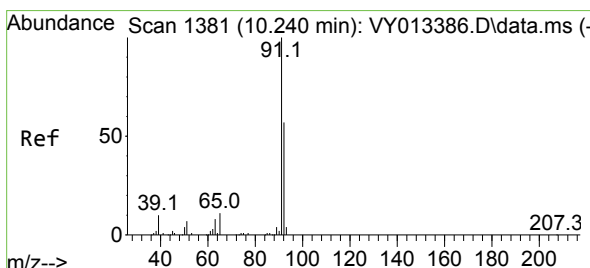
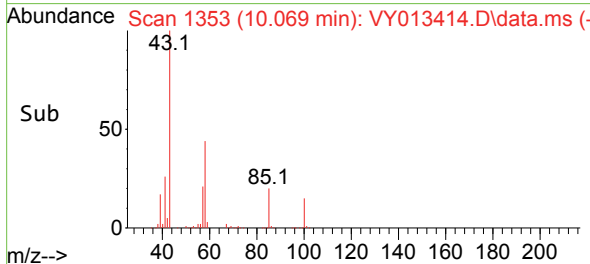
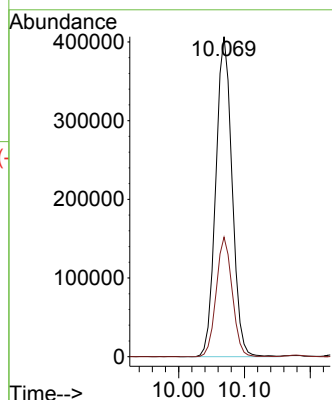
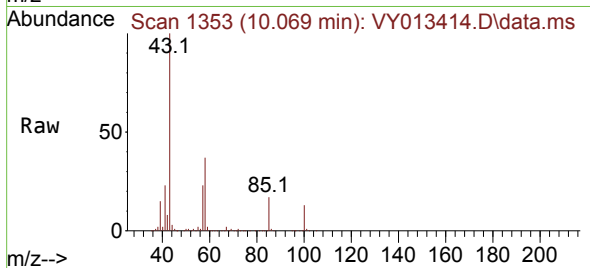




#51
4-Methyl-2-Pentanone
Concen: 256.755 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

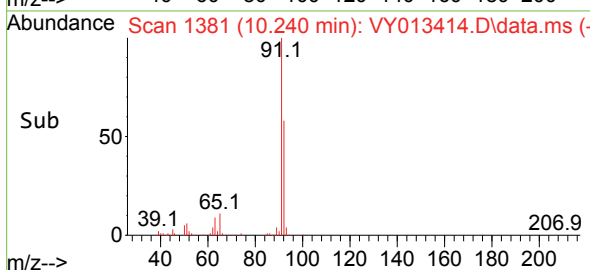
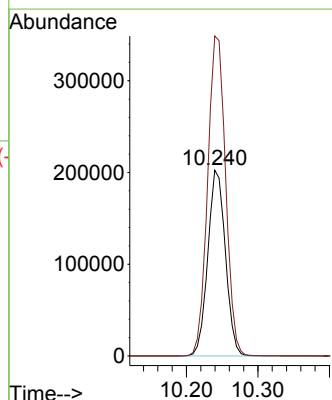
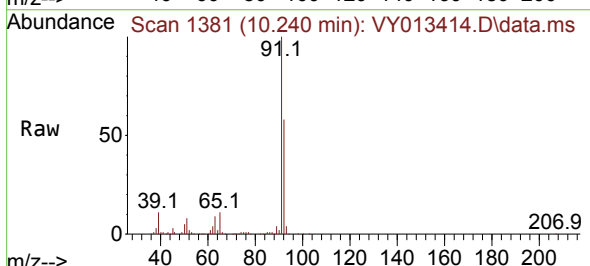
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

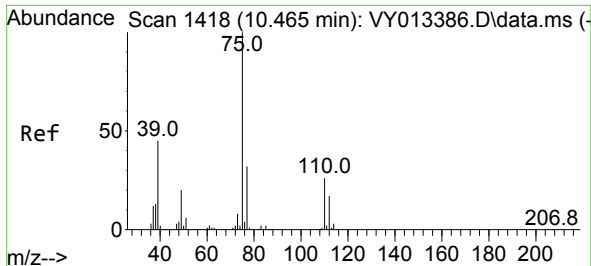
Tgt Ion: 43 Resp: 700420
Ion Ratio Lower Upper
43 100
58 36.7 30.6 46.0



#52
Toluene
Concen: 52.936 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 92 Resp: 345838
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.4

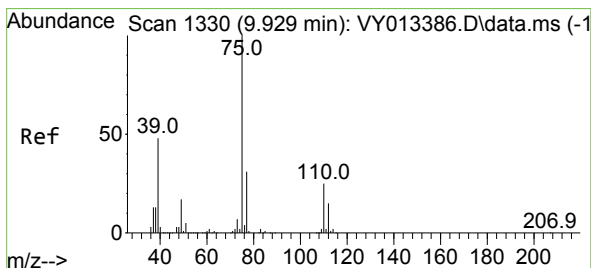
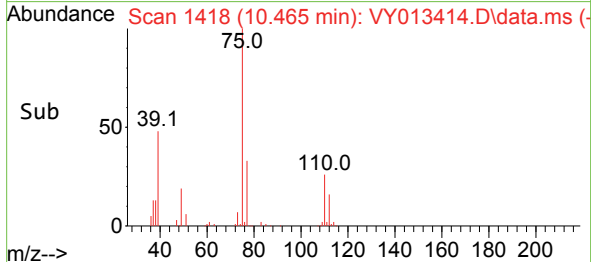
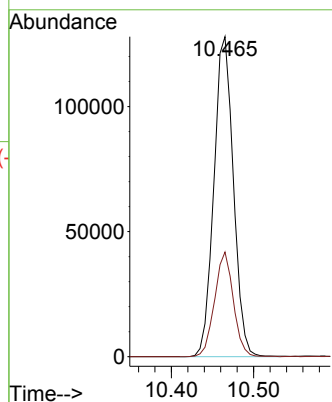
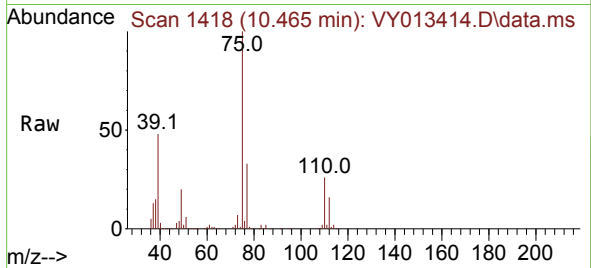




#53
t-1,3-Dichloropropene
Concen: 52.400 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

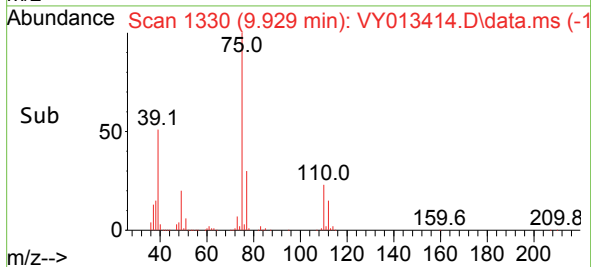
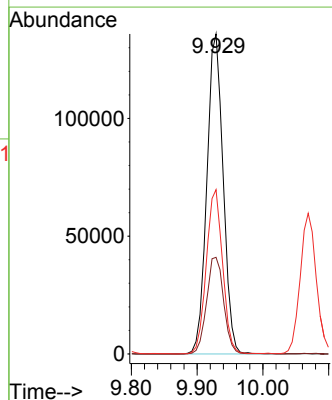
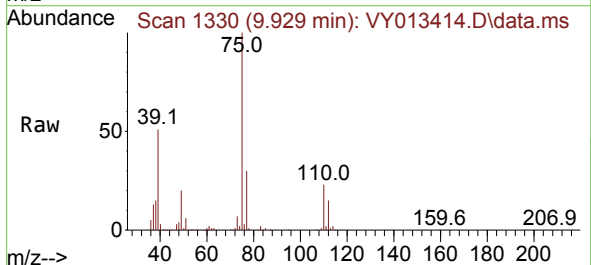
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

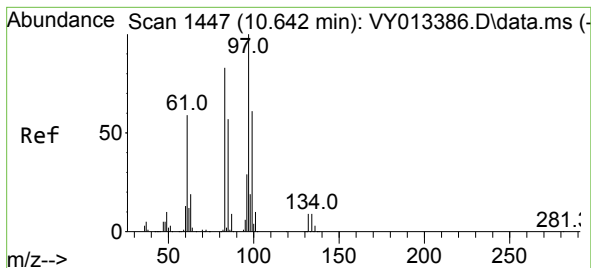
Tgt Ion: 75 Resp: 210765
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.695 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 75 Resp: 233965
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 51.3 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 53.233 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 119733

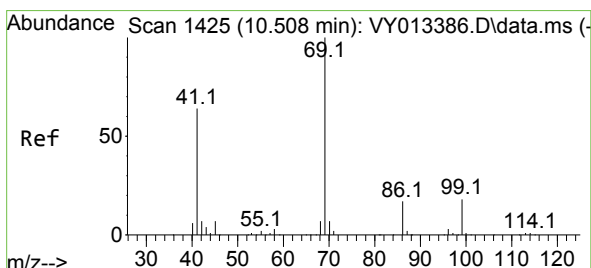
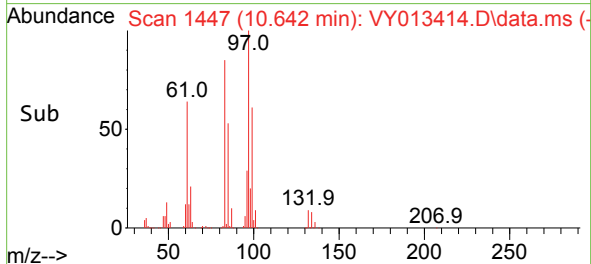
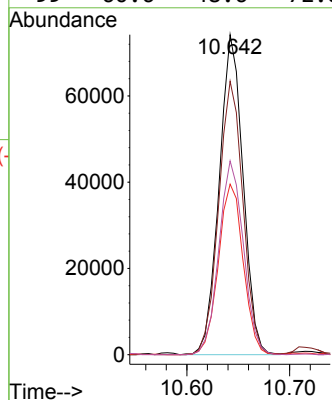
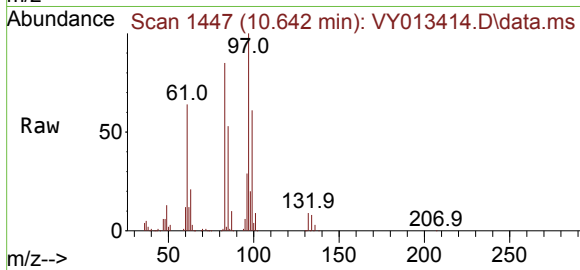
Ion Ratio Lower Upper

97 100

83 85.4 66.4 99.6

85 53.3 45.6 68.4

99 60.6 48.6 72.8



#56

Ethyl methacrylate

Concen: 53.861 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

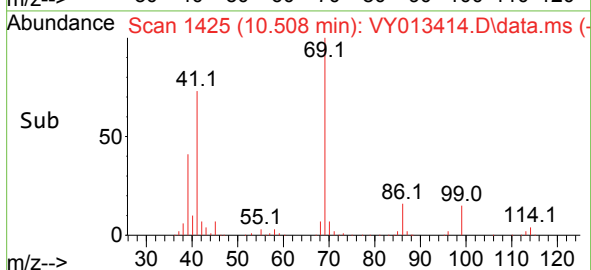
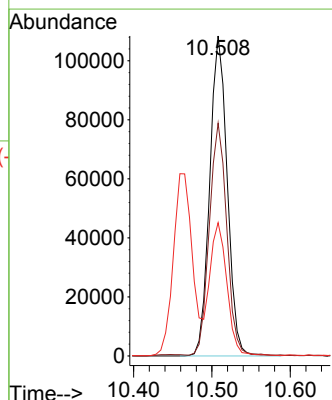
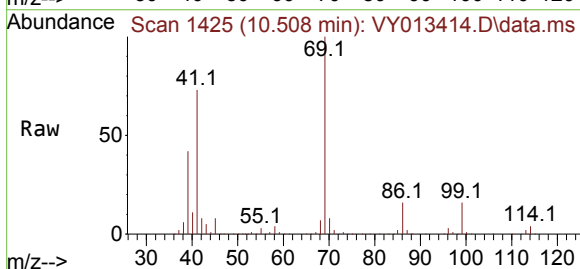
Tgt Ion: 69 Resp: 168072

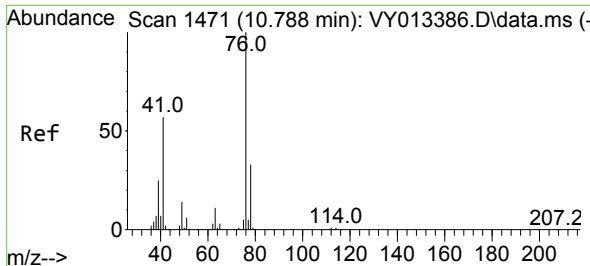
Ion Ratio Lower Upper

69 100

41 72.1 51.4 77.0

39 39.5 29.0 43.6





#57

1,3-Dichloropropane

Concen: 52.941 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

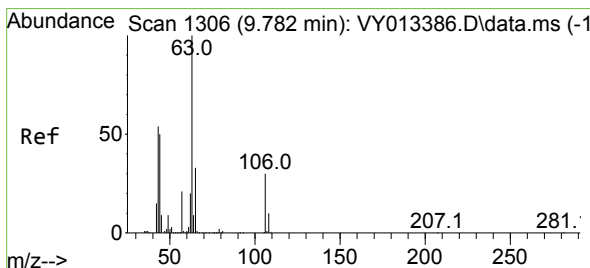
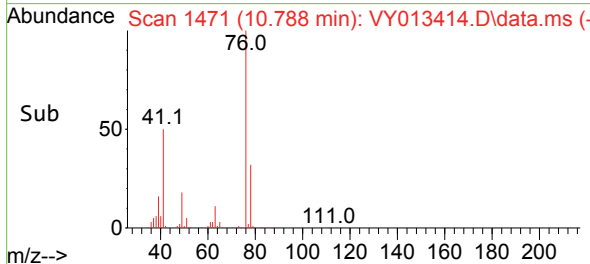
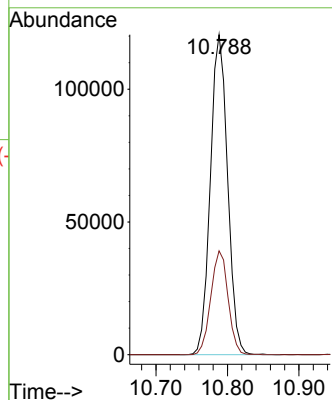
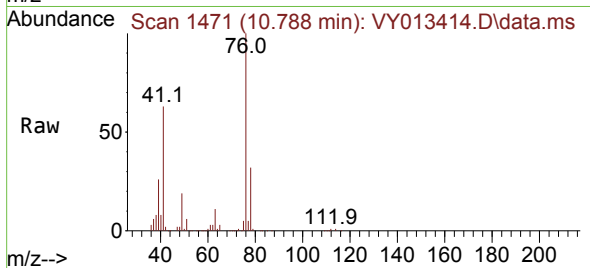
VSTDCCC050EC

Tgt Ion: 76 Resp: 201668

Ion Ratio Lower Upper

76 100

78 32.4 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 233.834 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013414.D

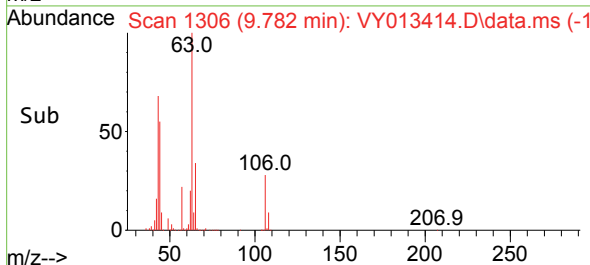
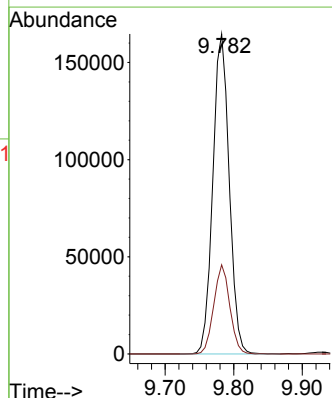
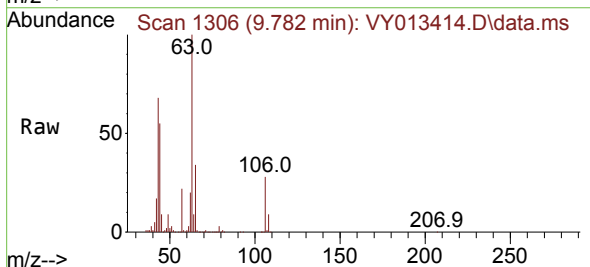
Acq: 24 Apr 2023 20:33

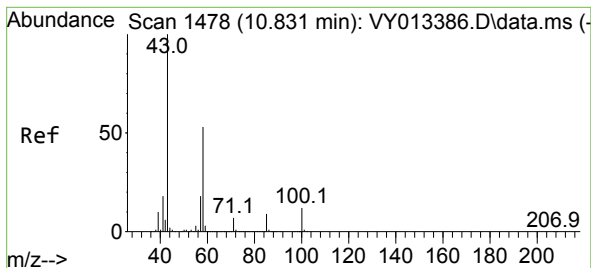
Tgt Ion: 63 Resp: 273615

Ion Ratio Lower Upper

63 100

106 27.2 23.5 35.3

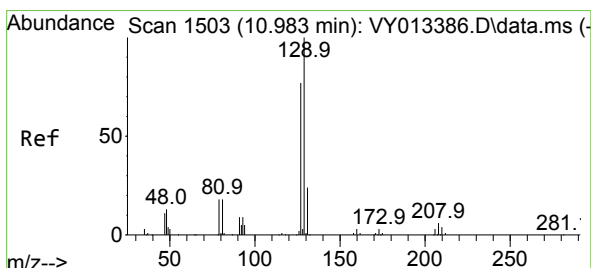
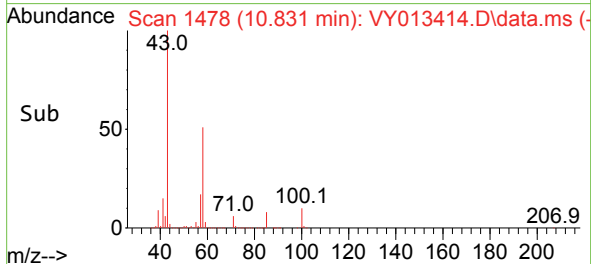
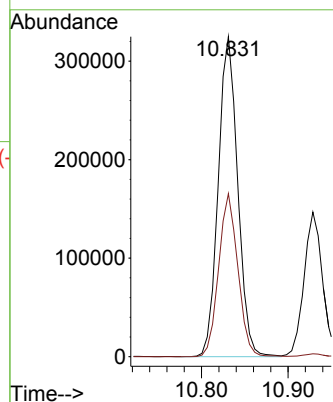
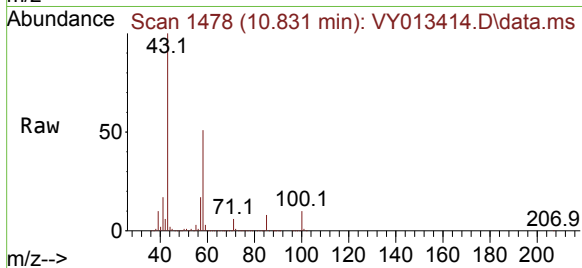




#59
2-Hexanone
Concen: 255.574 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

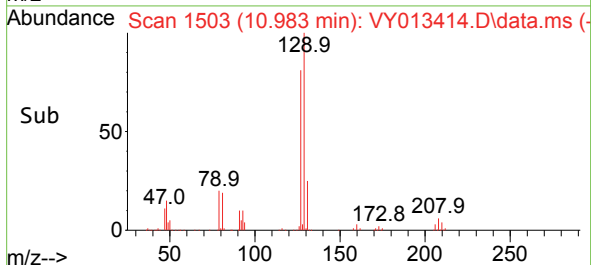
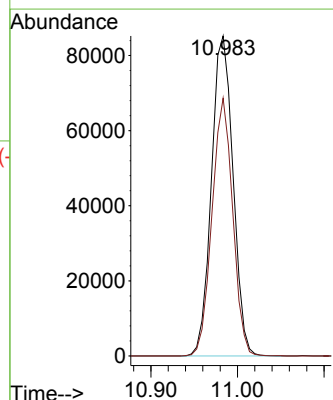
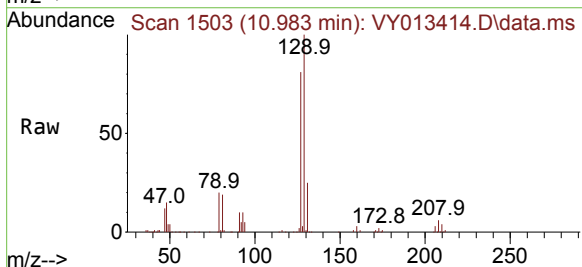
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

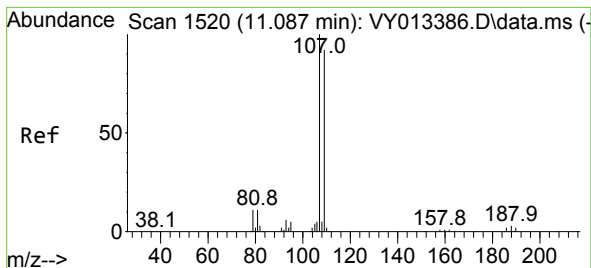
Tgt Ion: 43 Resp: 506808
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8



#60
Dibromochloromethane
Concen: 54.012 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 129 Resp: 147510
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

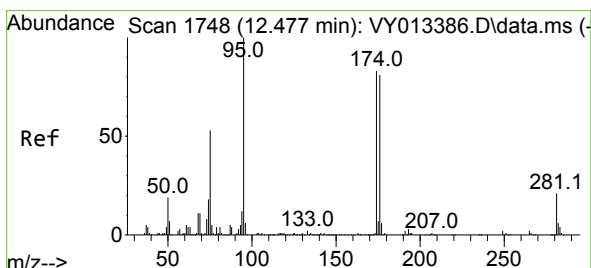
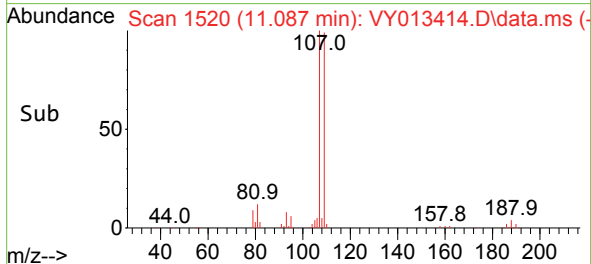
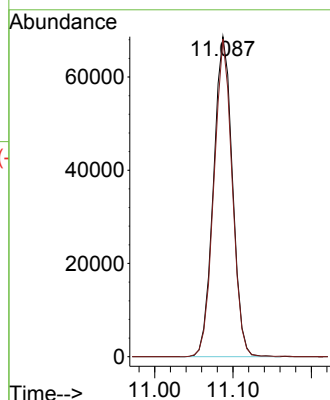
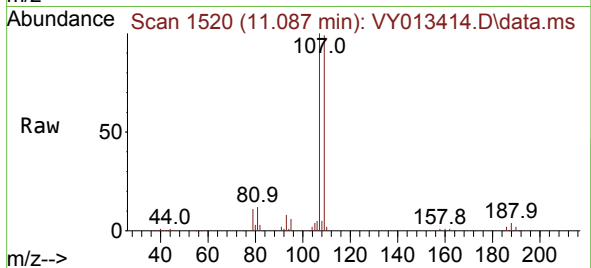




#61
1,2-Dibromoethane
Concen: 52.186 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

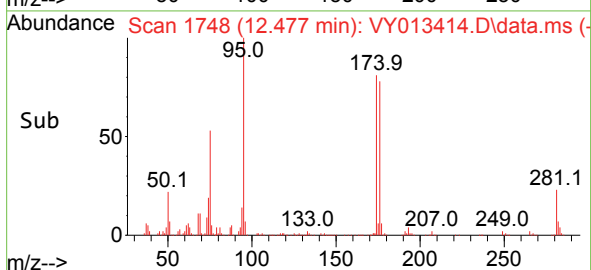
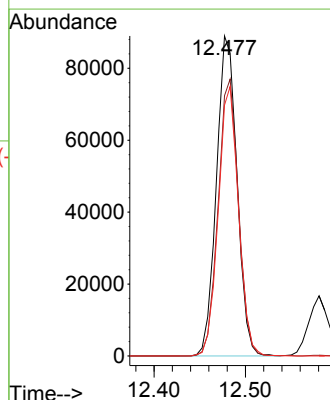
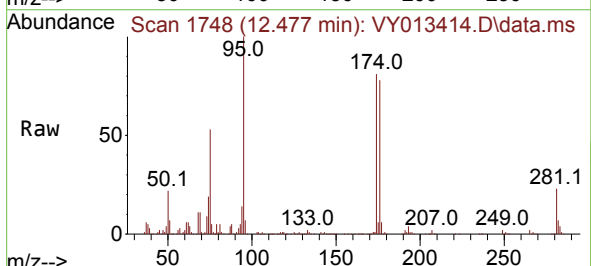
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

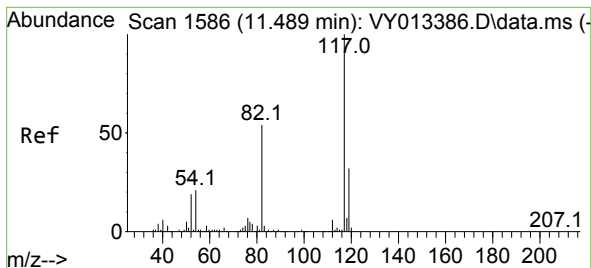
Tgt Ion:107 Resp: 115401
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.890 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 95 Resp: 138947
Ion Ratio Lower Upper
95 100
174 85.8 0.0 182.0
176 82.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

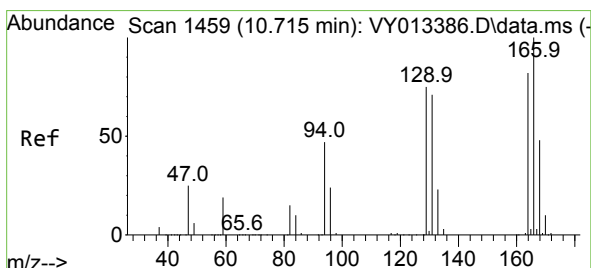
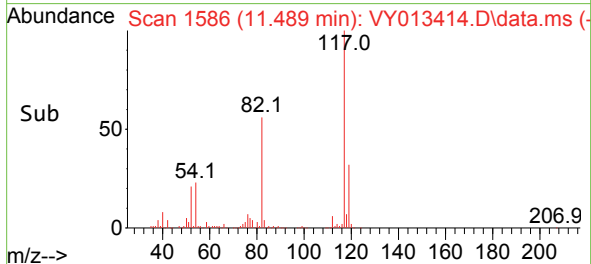
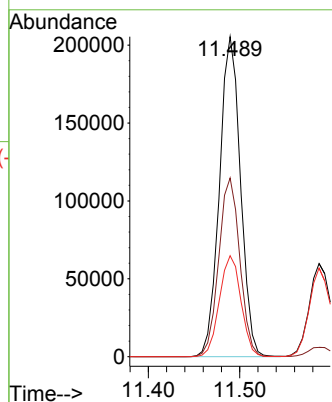
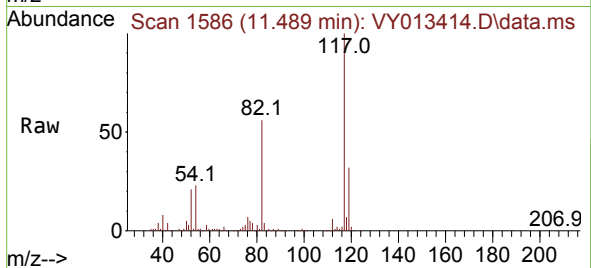
Tgt Ion:117 Resp: 328810

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.6

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 51.672 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Tgt Ion:164 Resp: 129196

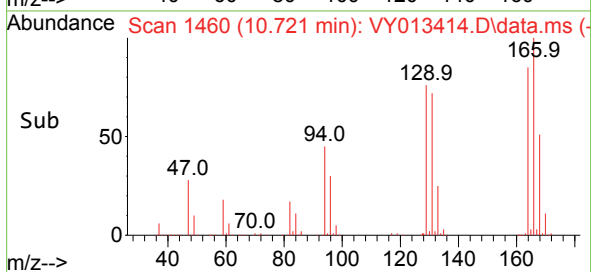
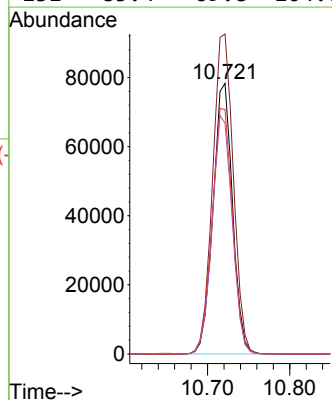
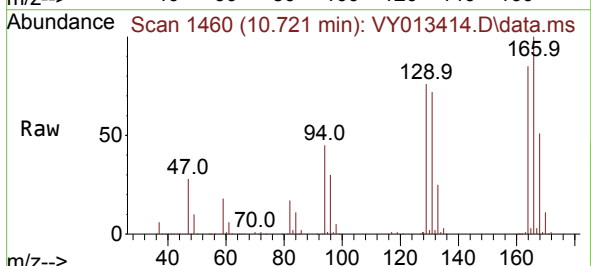
Ion Ratio Lower Upper

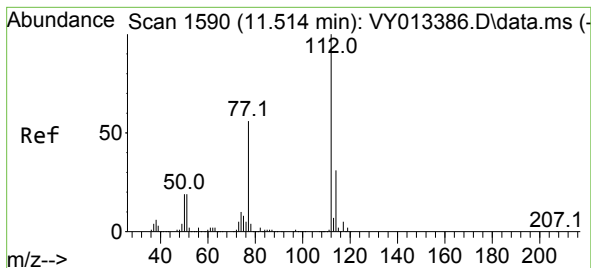
164 100

166 118.3 97.5 146.3

129 90.4 72.6 109.0

131 85.4 69.8 104.6

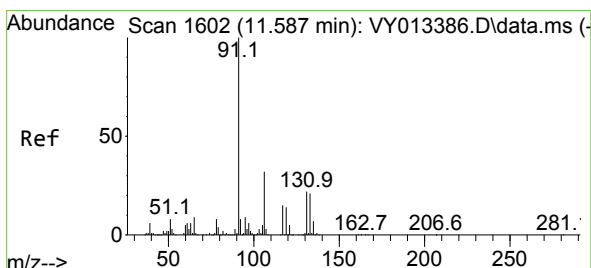
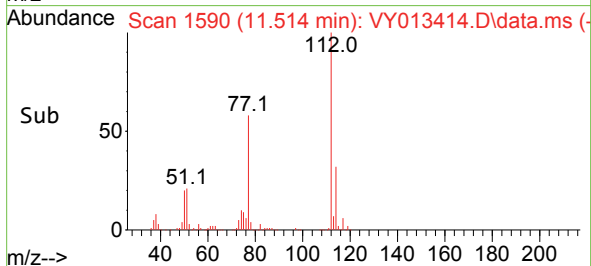
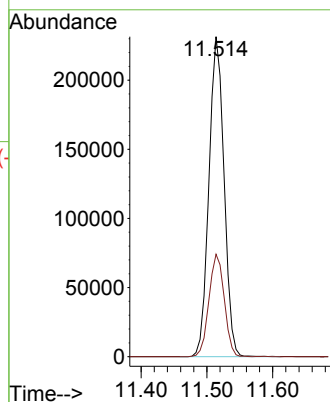
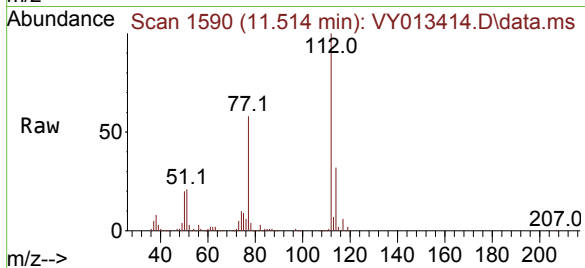




#65
Chlorobenzene
Concen: 51.688 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

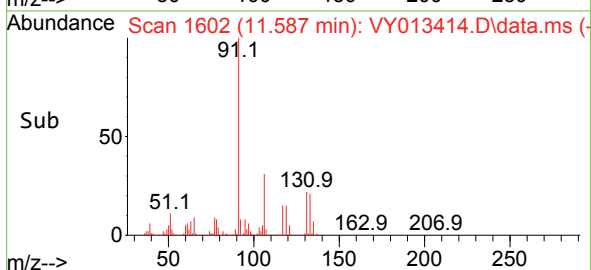
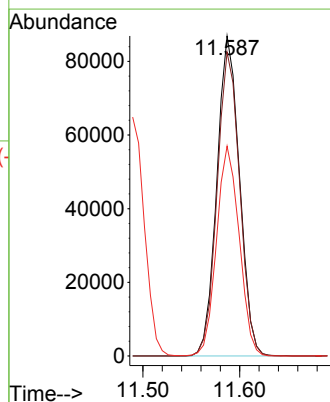
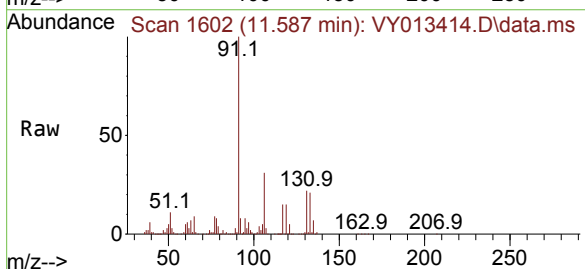
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

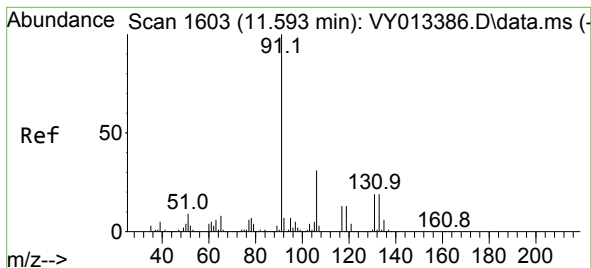
Tgt Ion:112 Resp: 370231
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.700 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion:131 Resp: 141176
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 65.7 32.6 98.0





#67

Ethyl Benzene

Concen: 52.120 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

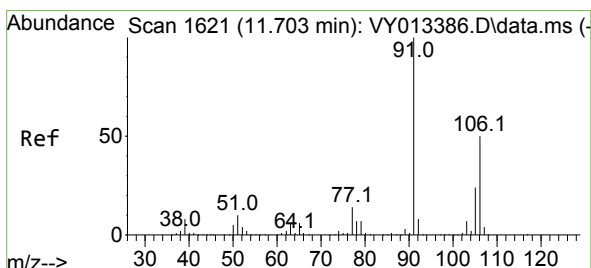
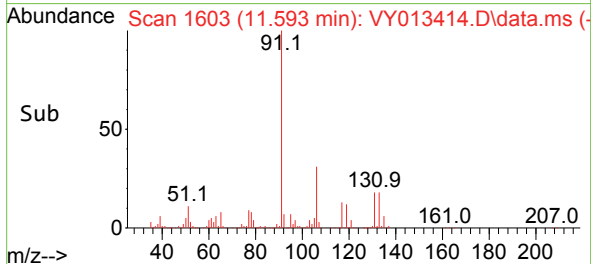
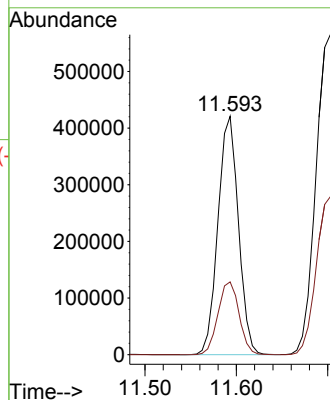
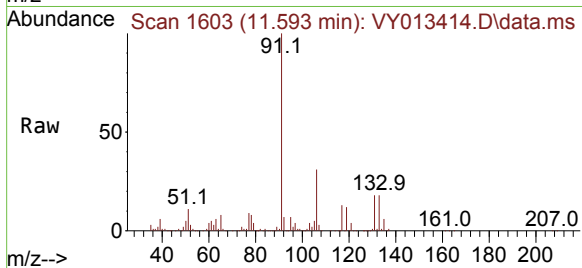
VSTDCCC050EC

Tgt Ion: 91 Resp: 655557

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 106.103 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013414.D

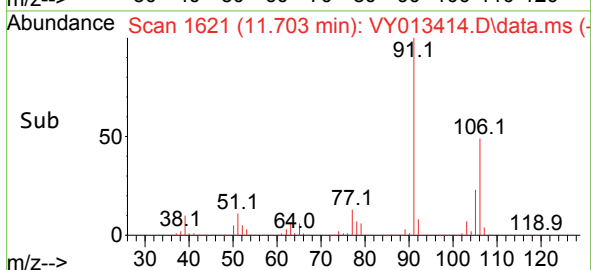
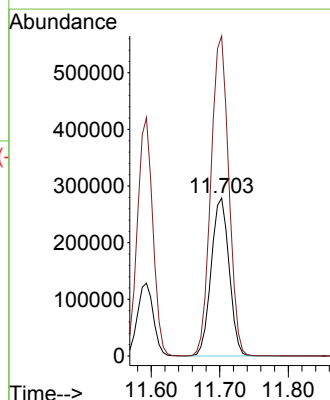
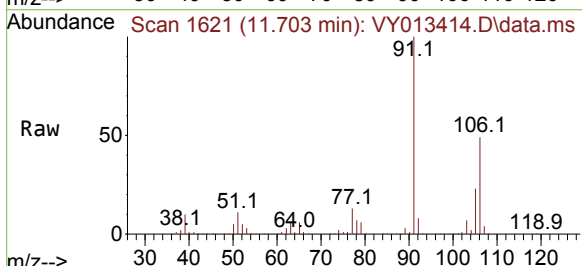
Acq: 24 Apr 2023 20:33

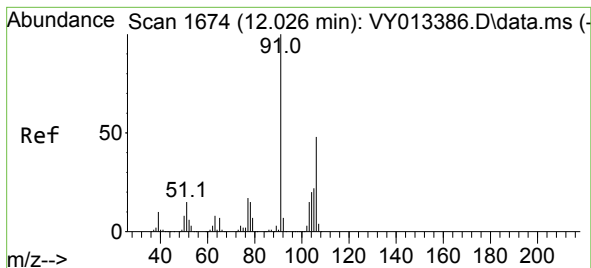
Tgt Ion:106 Resp: 507328

Ion Ratio Lower Upper

106 100

91 201.6 160.9 241.3





#69

o-Xylene

Concen: 52.233 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

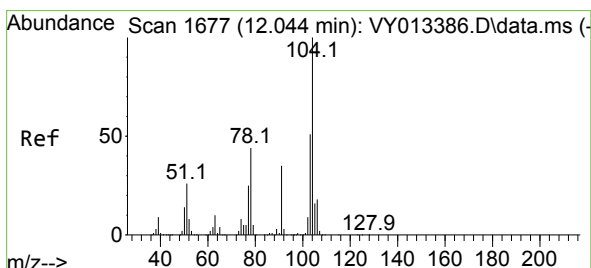
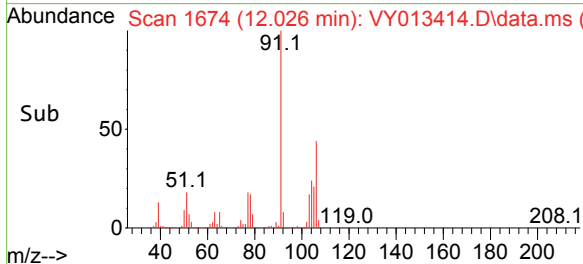
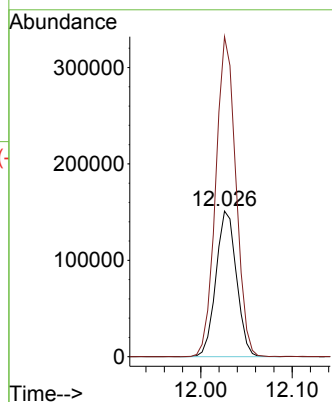
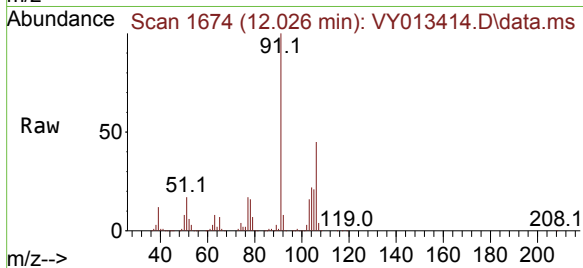
VSTDCCC050EC

Tgt Ion:106 Resp: 236202

Ion Ratio Lower Upper

106 100

91 215.8 105.5 316.4



#70

Styrene

Concen: 53.794 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

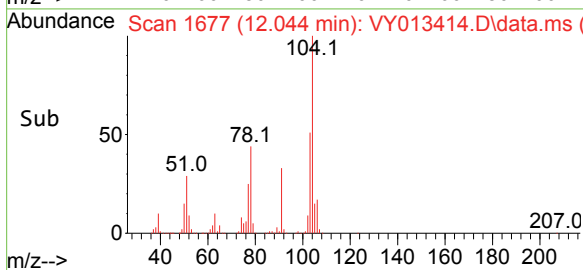
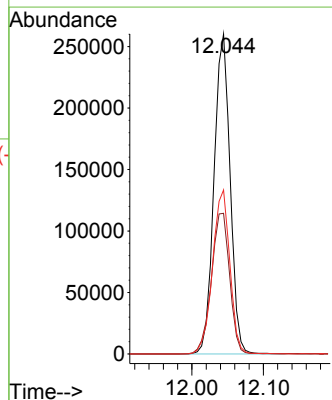
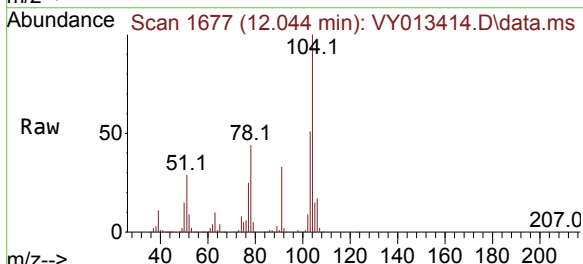
Tgt Ion:104 Resp: 406737

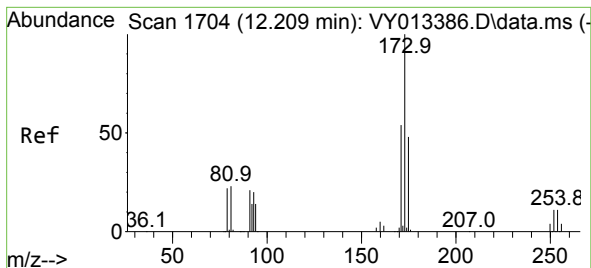
Ion Ratio Lower Upper

104 100

78 49.9 40.3 60.5

103 55.1 45.0 67.4





#71

Bromoform

Concen: 52.733 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

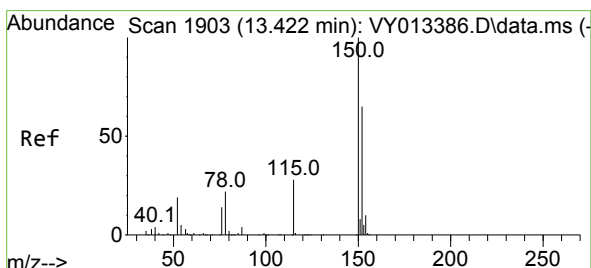
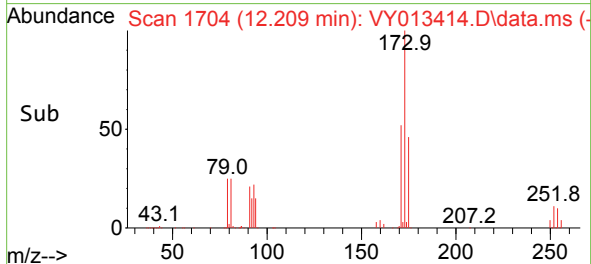
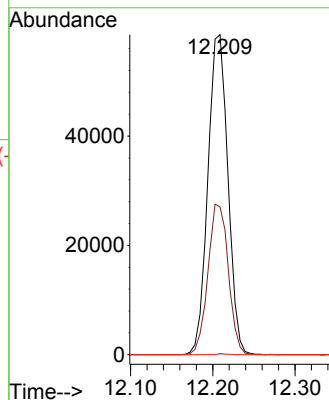
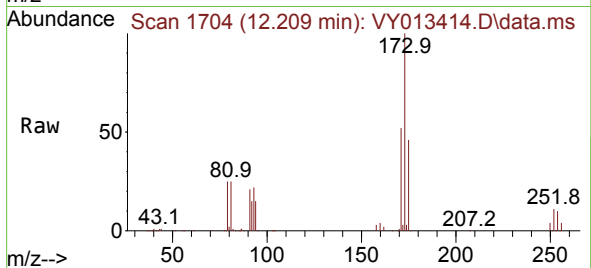
Tgt Ion:173 Resp: 98948

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

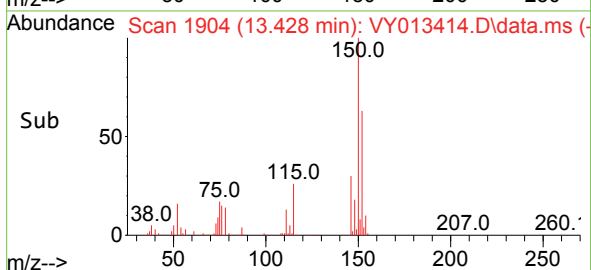
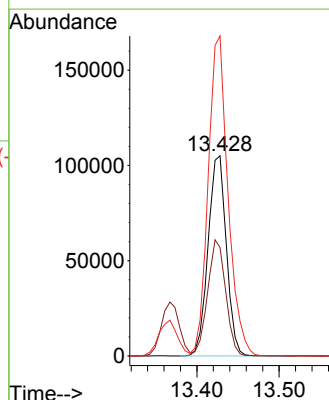
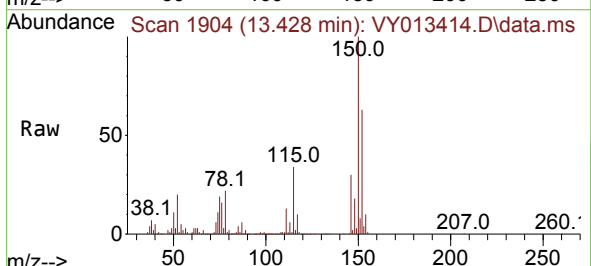
Tgt Ion:152 Resp: 162620

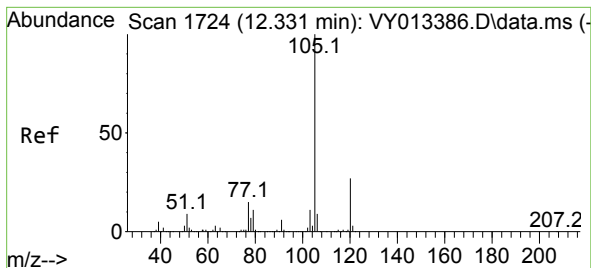
Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 173.1 0.0 352.0





#73

Isopropylbenzene

Concen: 50.497 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

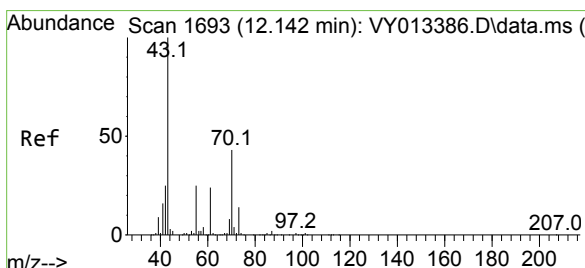
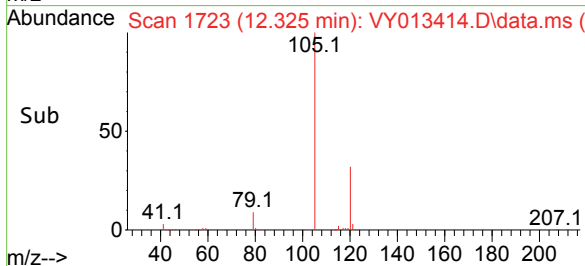
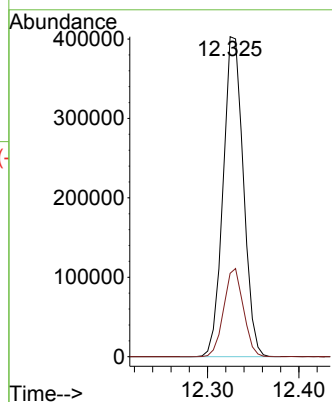
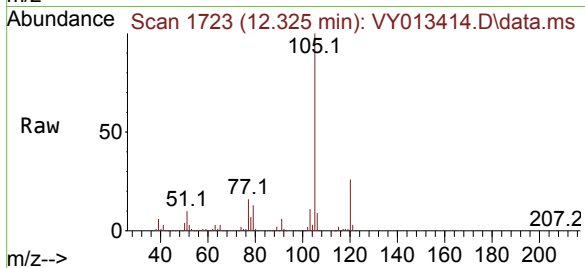
VSTDCCC050EC

Tgt Ion:105 Resp: 621116

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.0



#74

N-ethyl acetate

Concen: 49.911 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Tgt Ion: 43 Resp: 218463

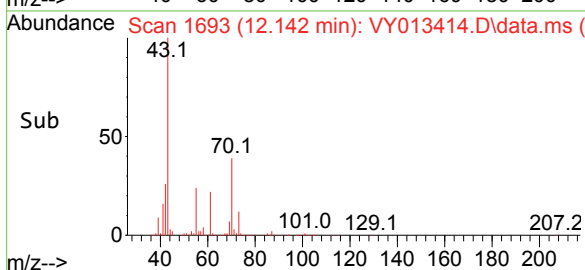
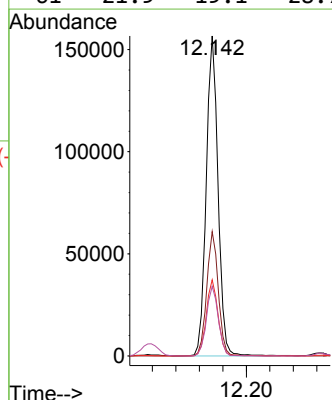
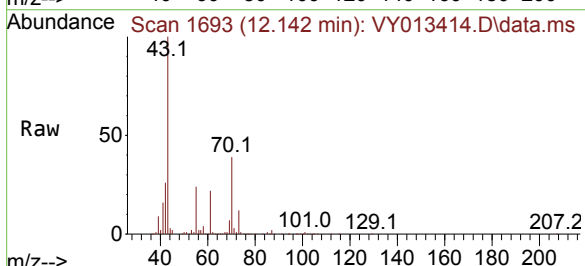
Ion Ratio Lower Upper

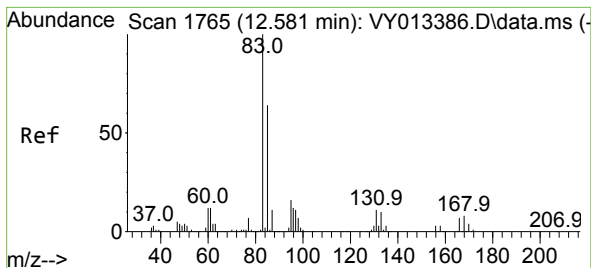
43 100

70 38.1 33.0 49.4

55 23.7 19.8 29.6

61 21.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.673 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

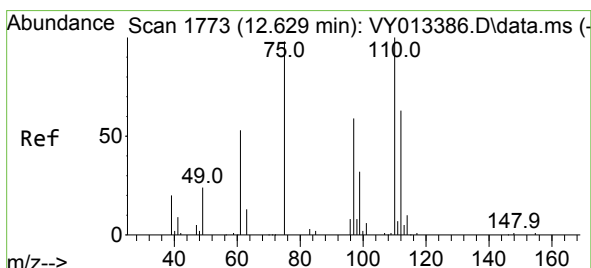
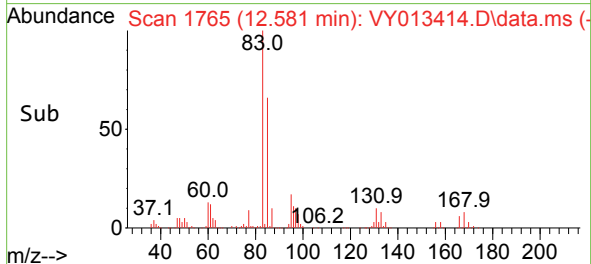
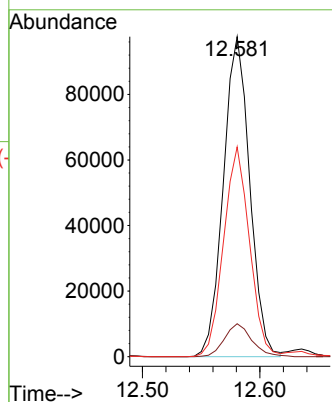
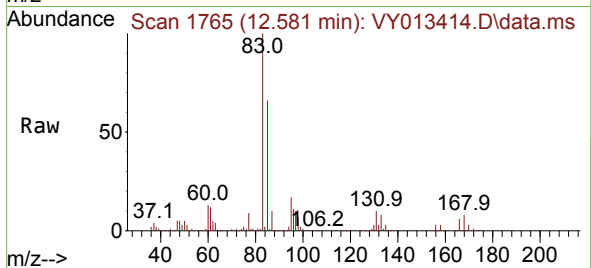
Tgt Ion: 83 Resp: 152347

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.884 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013414.D

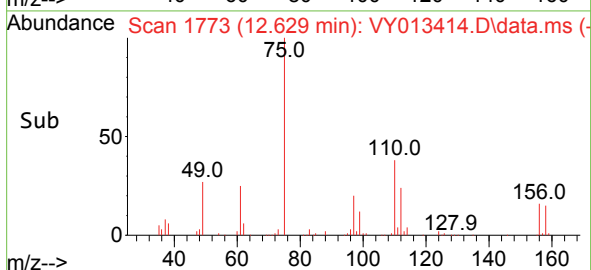
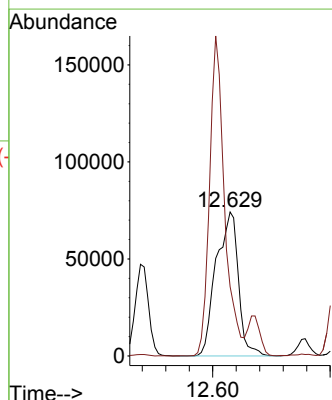
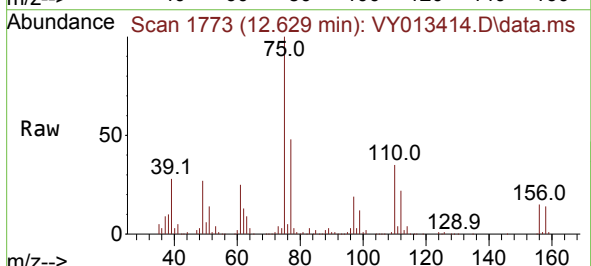
Acq: 24 Apr 2023 20:33

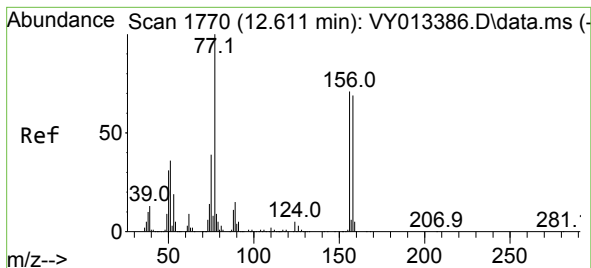
Tgt Ion: 75 Resp: 194934

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.709 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

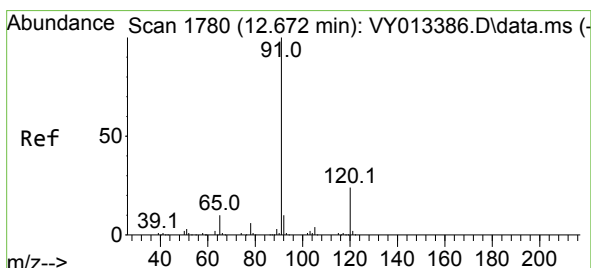
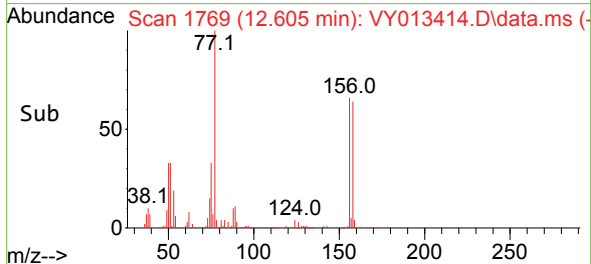
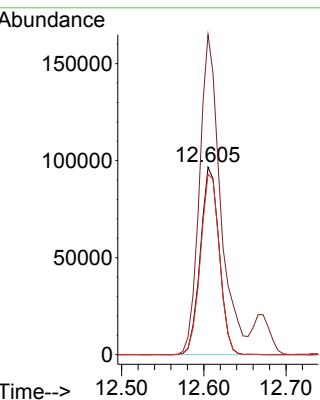
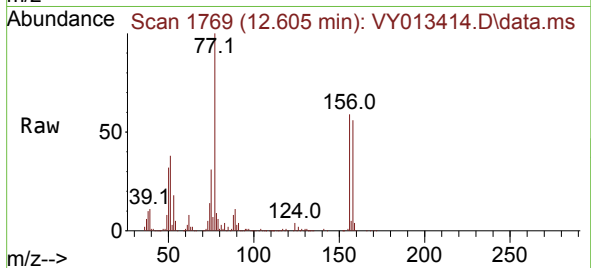
Tgt Ion:156 Resp: 154110

Ion Ratio Lower Upper

156 100

77 190.9 87.6 262.9

158 96.9 48.5 145.5



#78

n-propylbenzene

Concen: 51.084 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013414.D

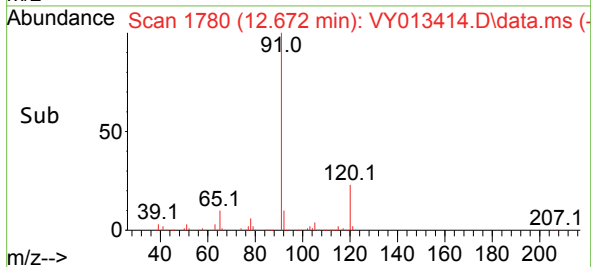
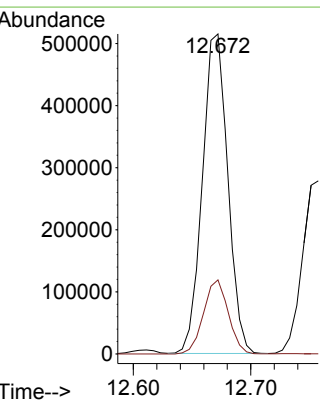
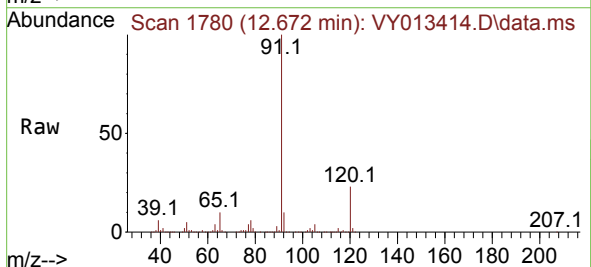
Acq: 24 Apr 2023 20:33

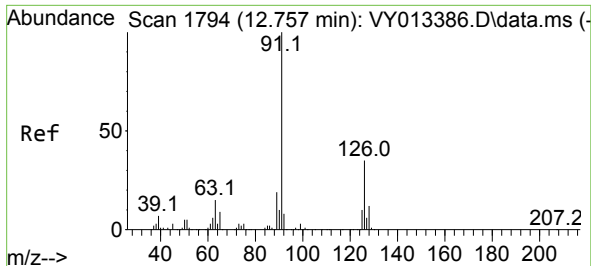
Tgt Ion: 91 Resp: 773941

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9

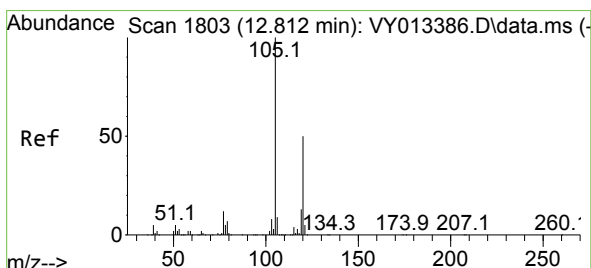
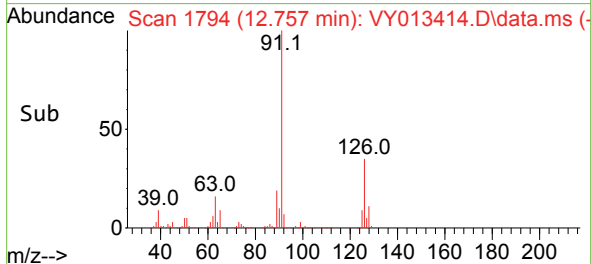
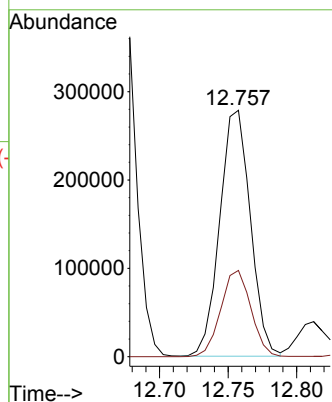
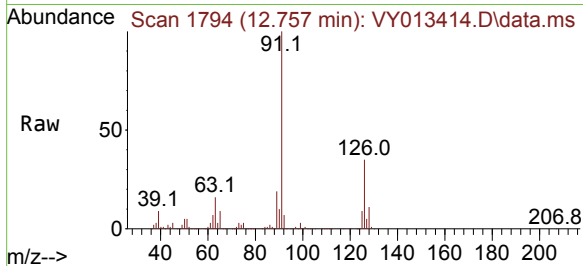




#79
2-Chlorotoluene
Concen: 51.271 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

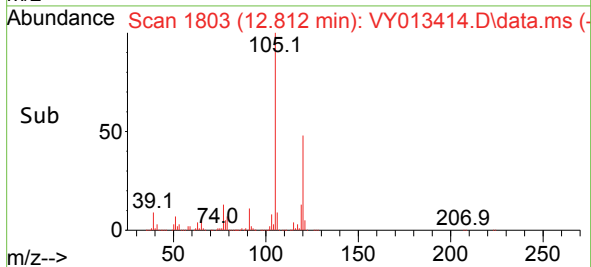
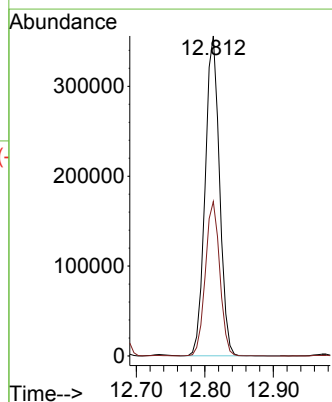
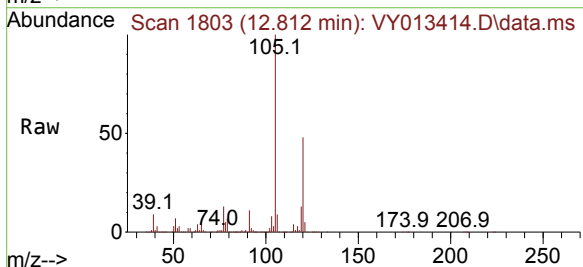
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

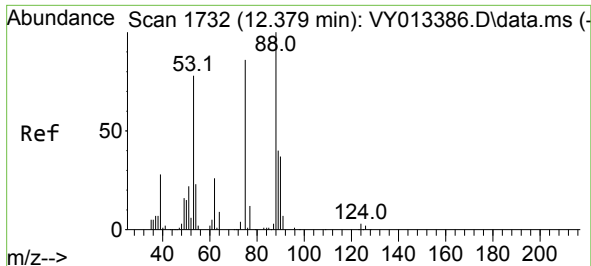
Tgt Ion: 91 Resp: 433773
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 51.809 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 105 Resp: 520118
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1

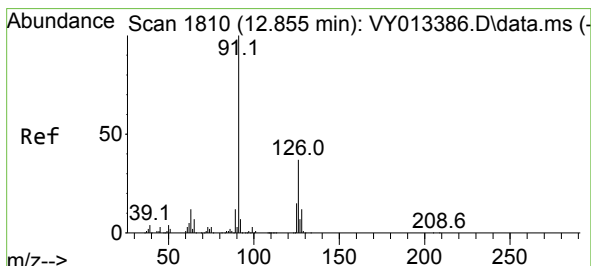
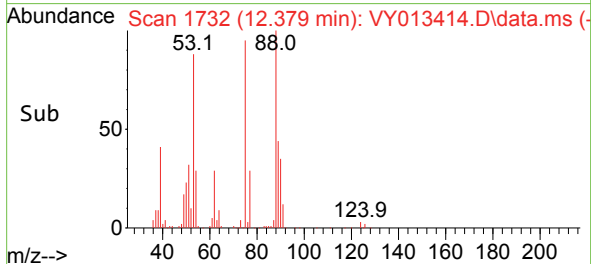
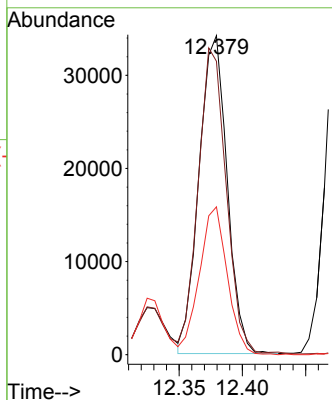
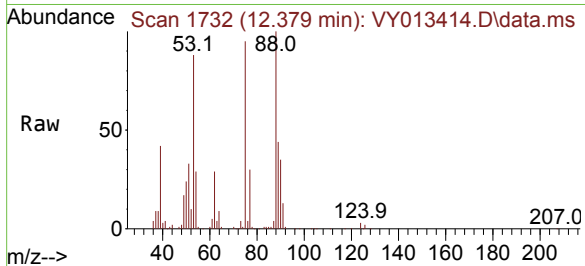




#81
trans-1,4-Dichloro-2-butene
Concen: 49.162 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

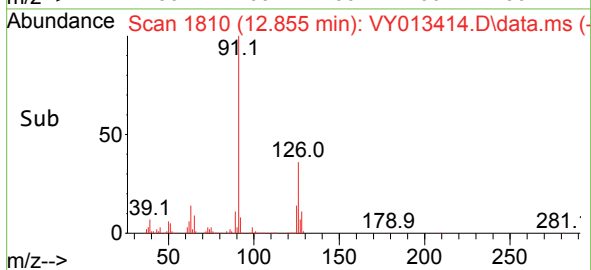
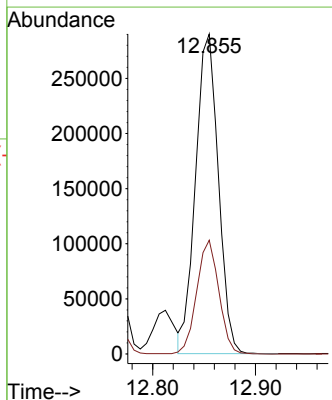
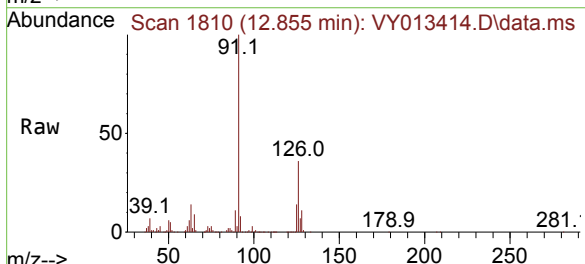
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

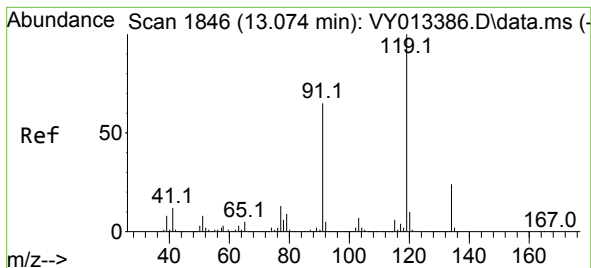
Tgt Ion: 75 Resp: 52709
Ion Ratio Lower Upper
75 100
53 96.5 73.2 109.8
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.675 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion: 91 Resp: 446854
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.287 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

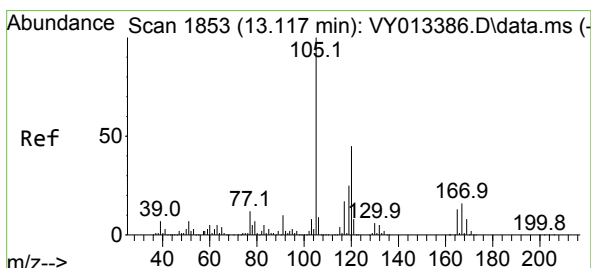
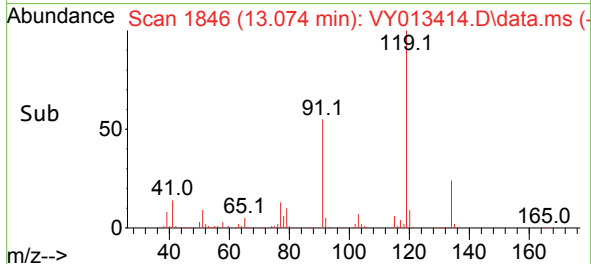
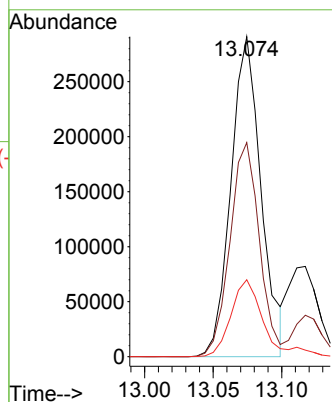
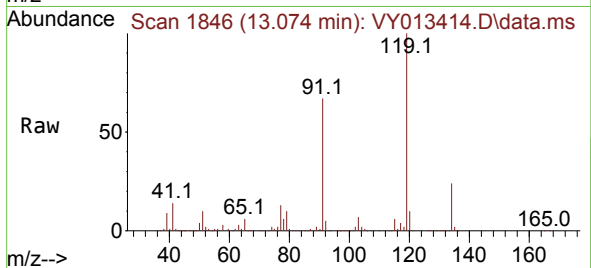
Tgt Ion:119 Resp: 446078

Ion Ratio Lower Upper

119 100

91 65.3 32.2 96.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.391 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013414.D

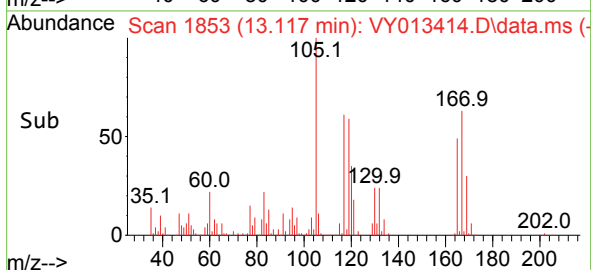
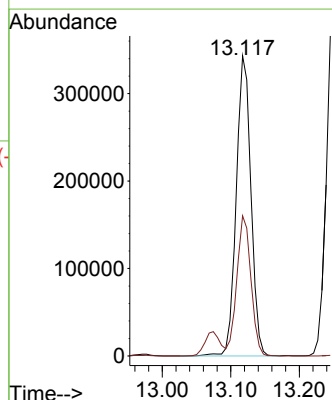
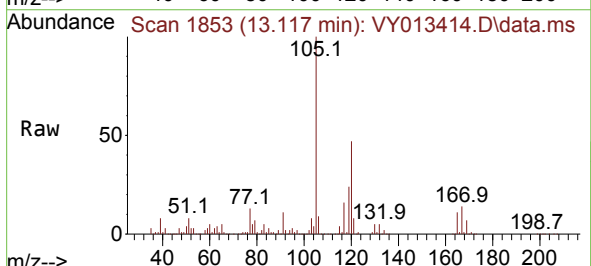
Acq: 24 Apr 2023 20:33

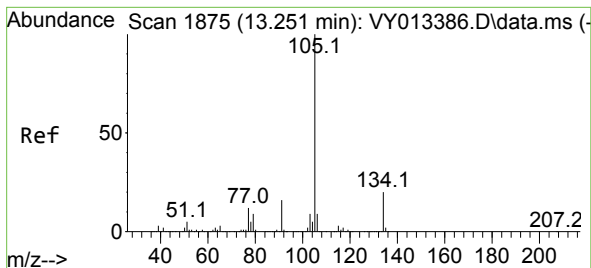
Tgt Ion:105 Resp: 511361

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.657 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

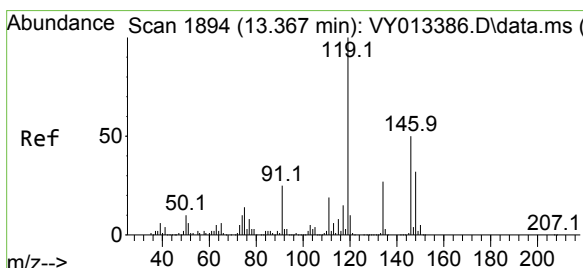
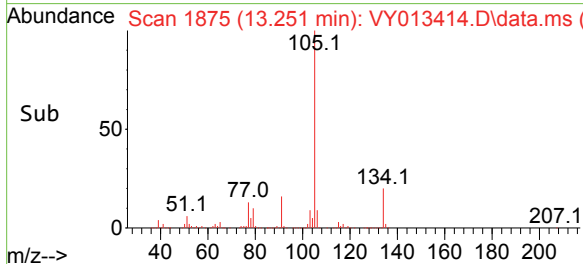
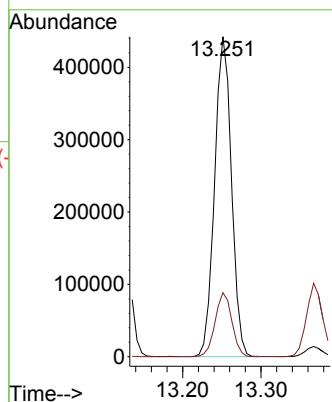
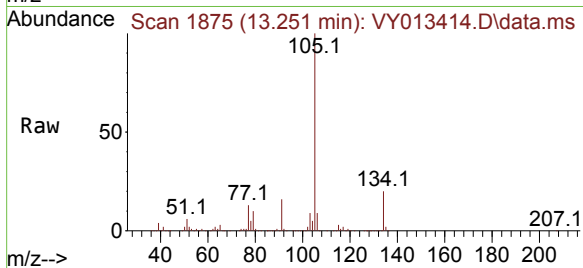
VSTDCCC050EC

Tgt Ion:105 Resp: 661258

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.714 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

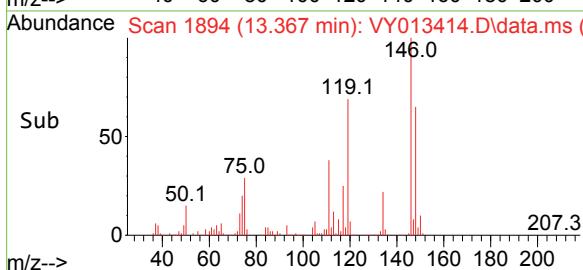
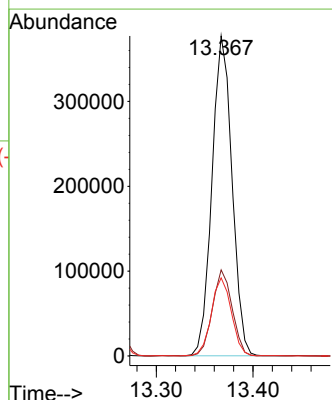
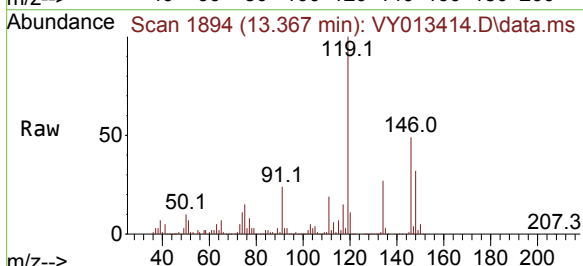
Tgt Ion:119 Resp: 542858

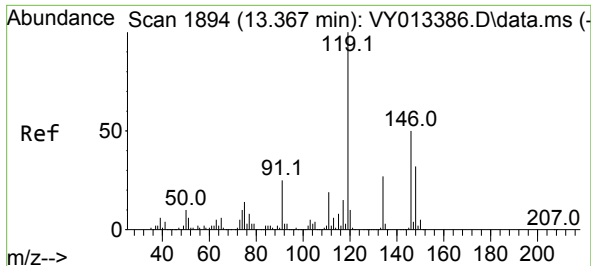
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.3 12.1 36.3

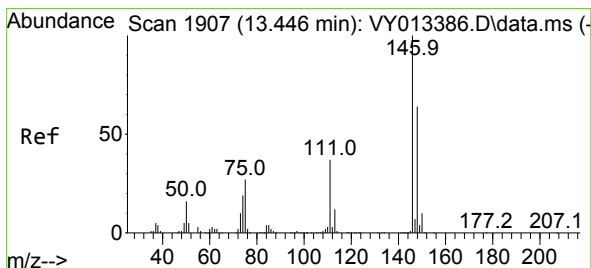
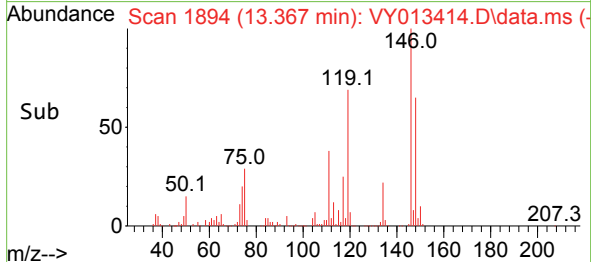
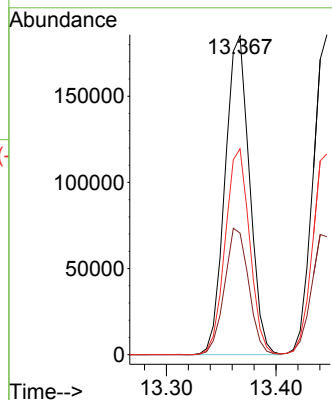
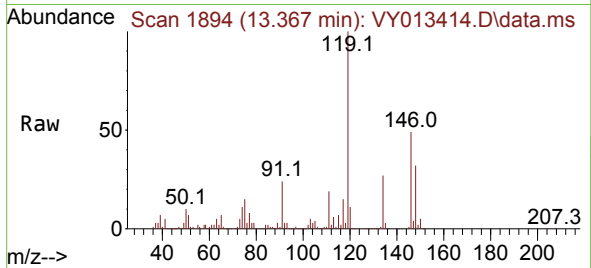




#87
1,3-Dichlorobenzene
Concen: 50.626 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

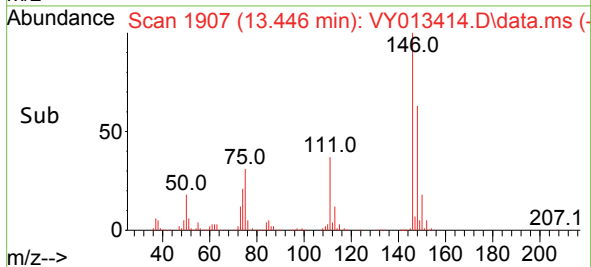
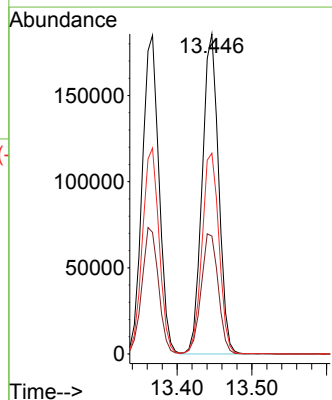
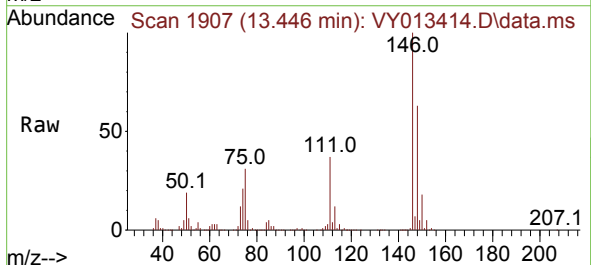
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

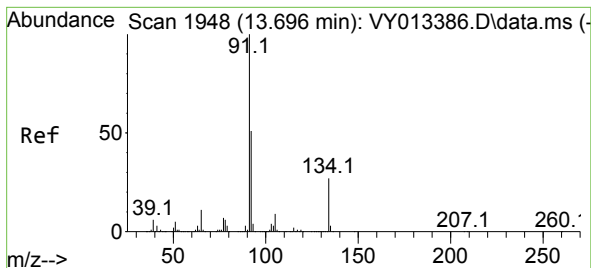
Tgt Ion:146 Resp: 287455
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 64.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.379 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013414.D
Acq: 24 Apr 2023 20:33

Tgt Ion:146 Resp: 283226
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.5
148 64.9 31.9 95.5





#89

n-Butylbenzene

Concen: 51.116 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

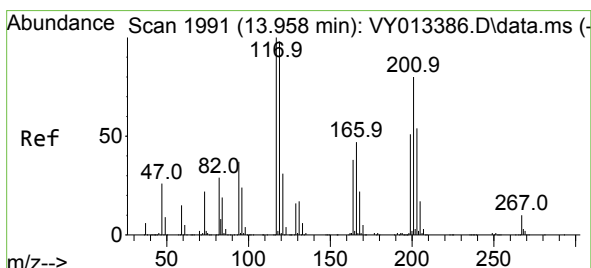
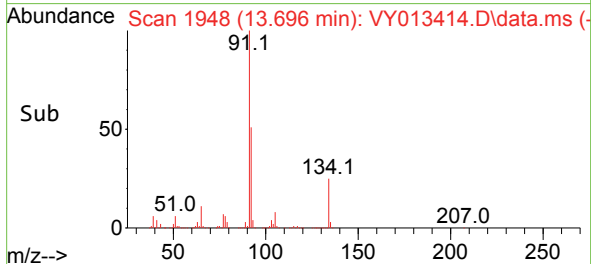
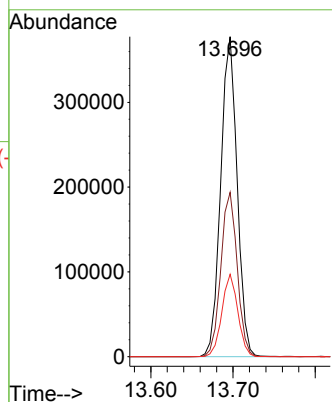
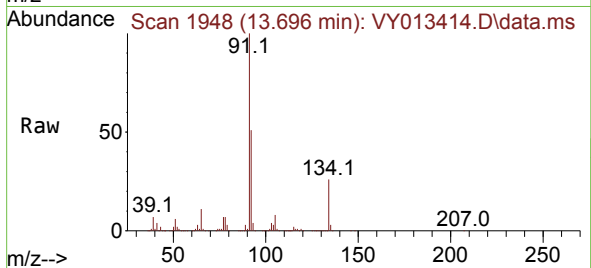
Tgt Ion: 91 Resp: 523709

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.0 13.5 40.4



#90

Hexachloroethane

Concen: 50.184 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013414.D

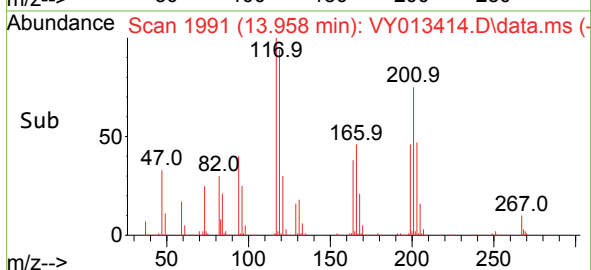
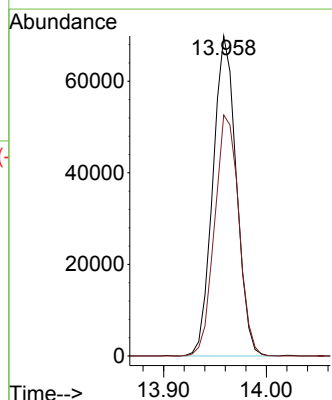
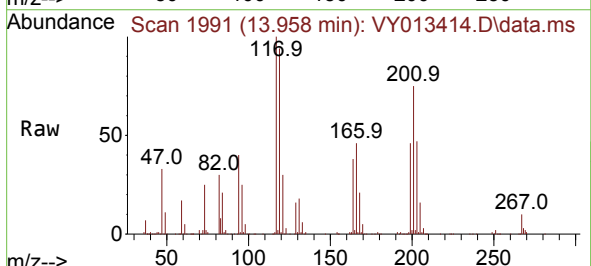
Acq: 24 Apr 2023 20:33

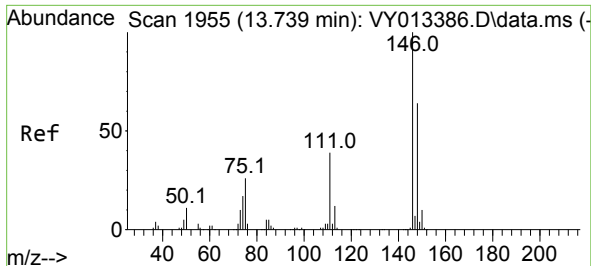
Tgt Ion: 117 Resp: 110873

Ion Ratio Lower Upper

117 100

201 77.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.476 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

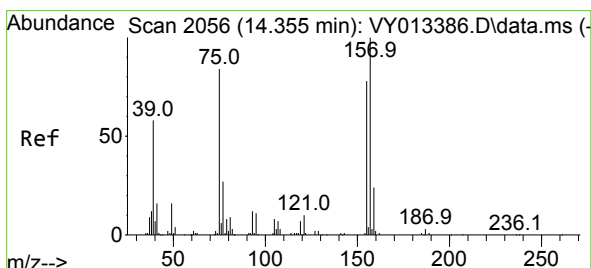
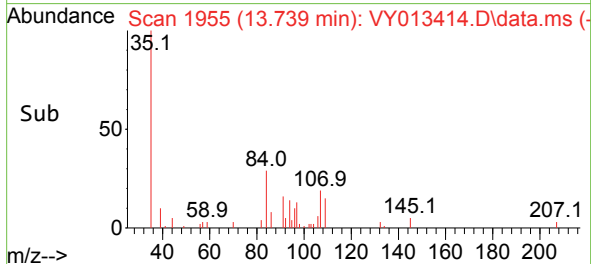
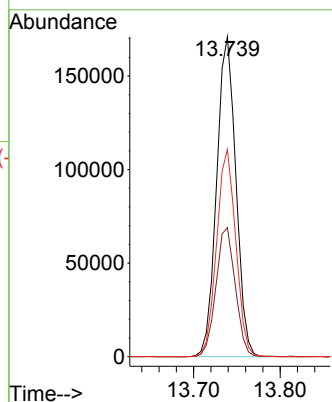
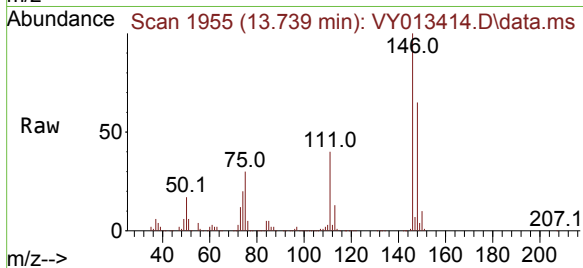
Tgt Ion:146 Resp: 263940

Ion Ratio Lower Upper

146 100

111 40.6 19.8 59.4

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.180 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

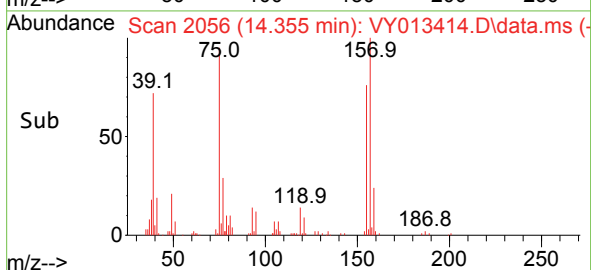
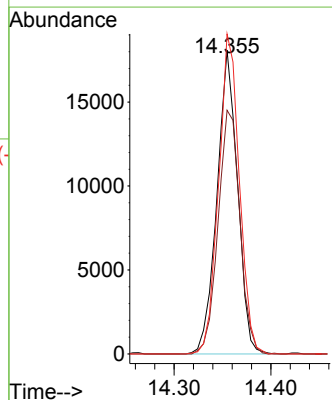
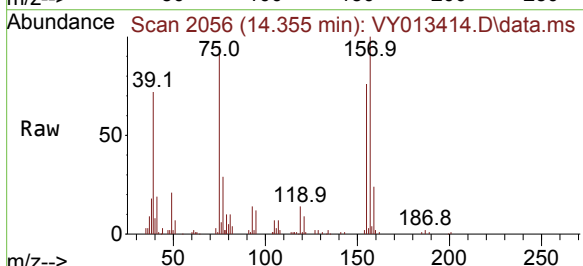
Tgt Ion: 75 Resp: 26644

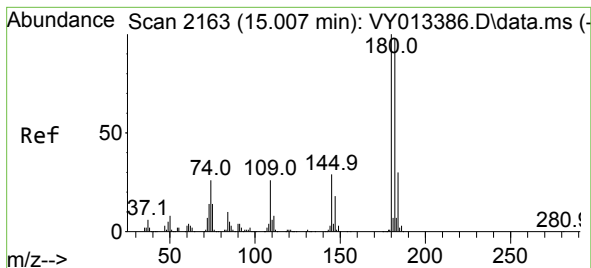
Ion Ratio Lower Upper

75 100

155 85.0 44.6 134.0

157 106.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.446 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

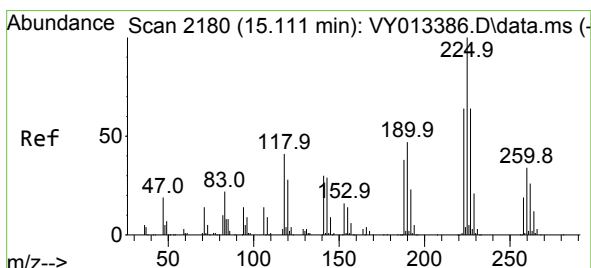
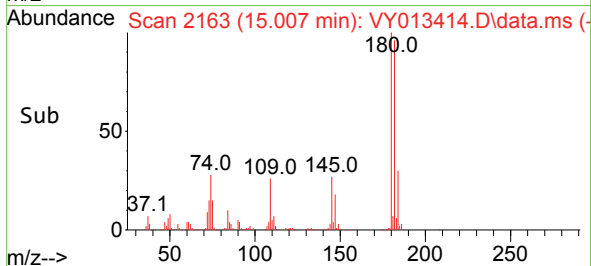
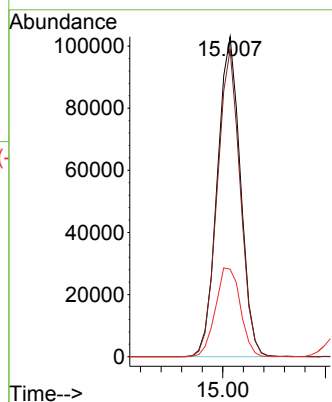
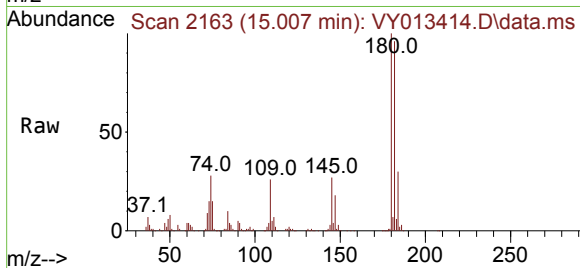
Tgt Ion:180 Resp: 160329

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.5

145 29.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 52.113 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

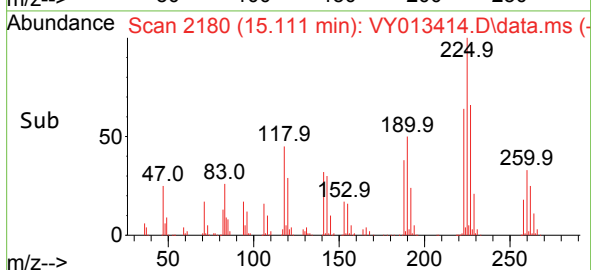
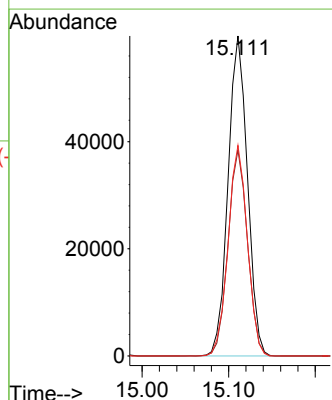
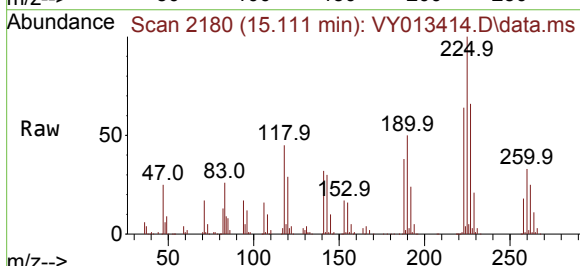
Tgt Ion:225 Resp: 92716

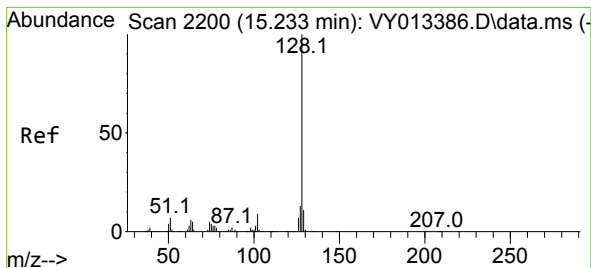
Ion Ratio Lower Upper

225 100

223 64.7 31.4 94.2

227 65.3 32.0 96.0





#95

Naphthalene

Concen: 55.440 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

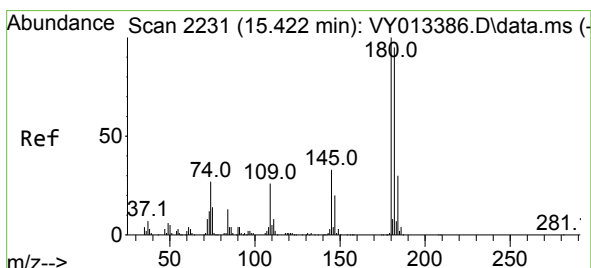
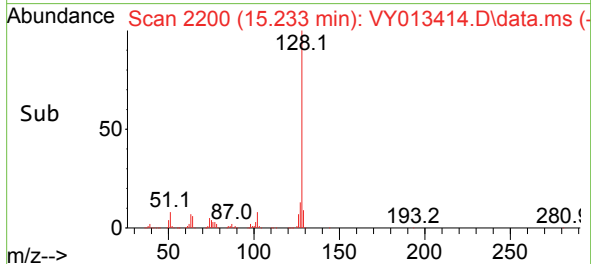
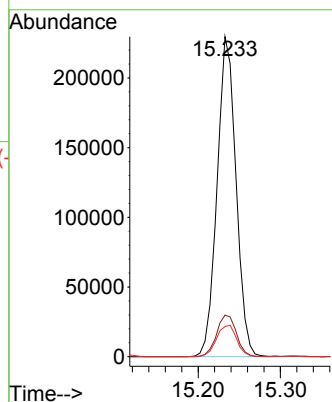
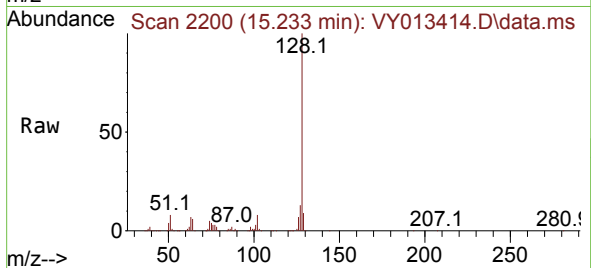
Tgt Ion:128 Resp: 367724

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.772 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013414.D

Acq: 24 Apr 2023 20:33

Tgt Ion:180 Resp: 149237

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 32.0 15.9 47.7

