

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013190.D
 Acq On : 04 Apr 2023 15:31
 Operator : KP/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Quant Time: Apr 05 01:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58654	56.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.716	113	50904	51.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.179	98	192023	51.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.477	95	64840	53.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19058	20.197	ug/l	93
3) Chloromethane	2.113	50	21913	22.269	ug/l	96
4) Vinyl Chloride	2.247	62	22205	22.507	ug/l	98
5) Bromomethane	2.643	94	16688	23.969	ug/l	92
6) Chloroethane	2.790	64	14434	23.356	ug/l	99
7) Trichlorofluoromethane	3.119	101	33811	19.256	ug/l	99
8) Diethyl Ether	3.527	74	12045	21.846	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	19510	20.154	ug/l	98
10) Methyl Iodide	4.088	142	23576	18.703	ug/l	97
11) Tert butyl alcohol	4.954	59	13445	144.209	ug/l	99
12) 1,1-Dichloroethene	3.869	96	18585	19.860	ug/l	99
13) Acrolein	3.722	56	14684	112.231	ug/l	98
14) Allyl chloride	4.472	41	35769	22.433	ug/l	94
15) Acrylonitrile	5.155	53	34063	124.325	ug/l	98
16) Acetone	3.942	43	38483	121.660	ug/l	99
17) Carbon Disulfide	4.186	76	56591	18.159	ug/l	96
18) Methyl Acetate	4.472	43	26295	26.383	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	55500	23.405	ug/l	98
20) Methylene Chloride	4.710	84	34880	29.770	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	21166	20.074	ug/l	97
22) Diisopropyl ether	6.112	45	75691	24.298	ug/l	95
23) Vinyl Acetate	6.057	43	223955	126.422	ug/l	99
24) 1,1-Dichloroethane	6.015	63	40724	22.073	ug/l	99
25) 2-Butanone	6.984	43	52661	133.143	ug/l	95
26) 2,2-Dichloropropane	6.984	77	36084	21.745	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	23765	20.922	ug/l	97
28) Bromochloromethane	7.332	49	18668	23.581	ug/l	95
29) Tetrahydrofuran	7.344	42	31602	134.973	ug/l	96
30) Chloroform	7.502	83	40173	21.027	ug/l	99
31) Cyclohexane	7.783	56	34863	20.644	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	35471	20.999	ug/l	98
36) 1,1-Dichloropropene	7.917	75	29437	19.908	ug/l	99
37) Ethyl Acetate	7.069	43	21914	26.089	ug/l	97
38) Carbon Tetrachloride	7.899	117	32475	19.905	ug/l	99
39) Methylcyclohexane	9.179	83	34001	19.600	ug/l	92
40) Benzene	8.155	78	86507	20.255	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29617	79.479	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29598	22.620	ug/l	99
43) Isopropyl Acetate	8.270	43	37407	24.879	ug/l	99
44) Trichloroethene	8.935	130	22980	19.546	ug/l	99
45) 1,2-Dichloropropane	9.215	63	23311	21.797	ug/l	99
46) Dibromomethane	9.301	93	13390	21.795	ug/l	98
47) Bromodichloromethane	9.496	83	32399	21.856	ug/l	99
48) Methyl methacrylate	9.289	41	17086	24.400	ug/l	96
49) 1,4-Dioxane	9.301	88	3265	446.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	108220	133.367	ug/l	96
52) Toluene	10.240	92	54979	20.753	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	32586	21.507	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	36326	20.992	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	18144	21.366	ug/l	97
56) Ethyl methacrylate	10.508	69	24215	22.679	ug/l	96
57) 1,3-Dichloropropane	10.788	76	31558	22.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	60646	121.475	ug/l	99
59) 2-Hexanone	10.831	43	78261	133.356	ug/l	97
60) Dibromochloromethane	10.983	129	22646	21.232	ug/l	100
61) 1,2-Dibromoethane	11.087	107	17810	21.645	ug/l	99
64) Tetrachloroethene	10.721	164	21033	19.636	ug/l	93
65) Chlorobenzene	11.514	112	60275	20.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	22903	20.654	ug/l	99
67) Ethyl Benzene	11.593	91	103003	20.163	ug/l	98
68) m/p-Xylenes	11.703	106	80992	40.984	ug/l	100
69) o-Xylene	12.026	106	37746	20.592	ug/l	97
70) Styrene	12.044	104	64139	20.917	ug/l	99
71) Bromoform	12.203	173	14626	21.271	ug/l #	99
73) Isopropylbenzene	12.331	105	98875	19.993	ug/l	99
74) N-amyl acetate	12.142	43	32836	24.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	23091	22.290	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	30851	38.331	ug/l #	100
77) Bromobenzene	12.605	156	24820	20.186	ug/l	99
78) n-propylbenzene	12.666	91	124407	20.459	ug/l	100
79) 2-Chlorotoluene	12.757	91	69873	20.250	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	84782	20.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	7774	21.540	ug/l	90
82) 4-Chlorotoluene	12.855	91	73769	20.542	ug/l	99
83) tert-Butylbenzene	13.074	119	72383	20.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	82018	20.255	ug/l	99
85) sec-Butylbenzene	13.251	105	107614	20.068	ug/l	100
86) p-Isopropyltoluene	13.367	119	90886	20.588	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	48929	20.074	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	49007	20.065	ug/l	98
89) n-Butylbenzene	13.696	91	83086	20.133	ug/l	98
90) Hexachloroethane	13.958	117	18142	19.728	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	42917	19.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4151	24.080	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	25863	20.374	ug/l	99
94) Hexachlorobutadiene	15.111	225	15917	20.388	ug/l	99
95) Naphthalene	15.233	128	49370	20.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22730	20.324	ug/l	99

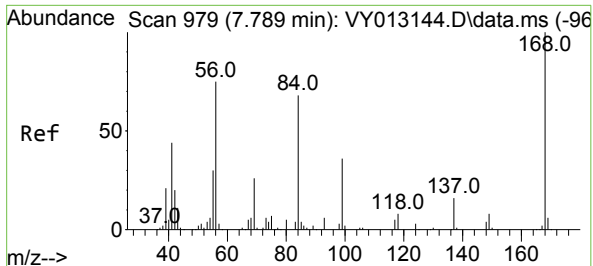
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
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Response via : Initial Calibration

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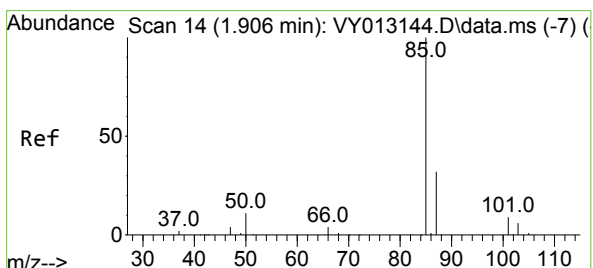
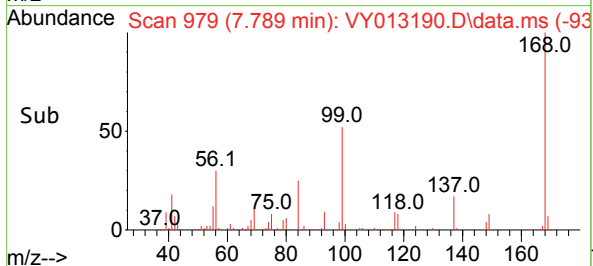
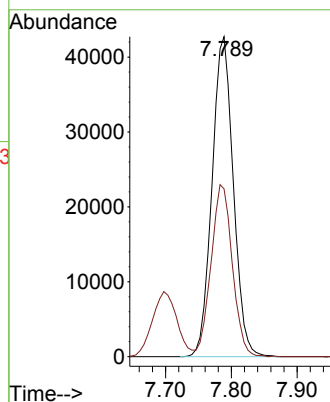
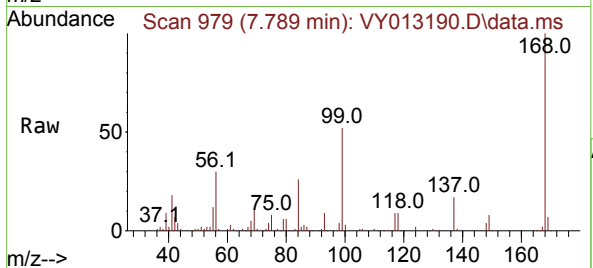
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

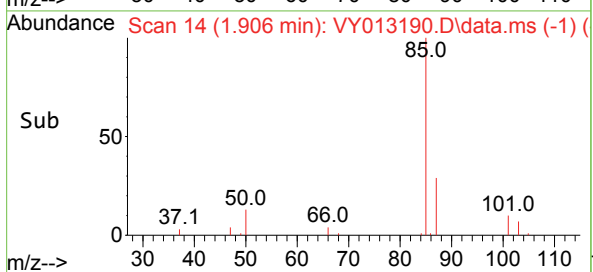
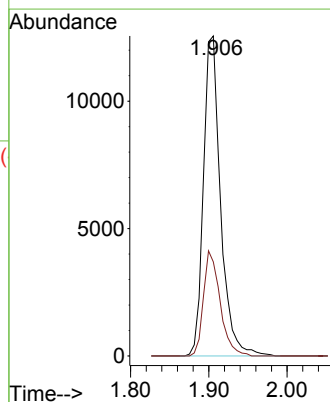
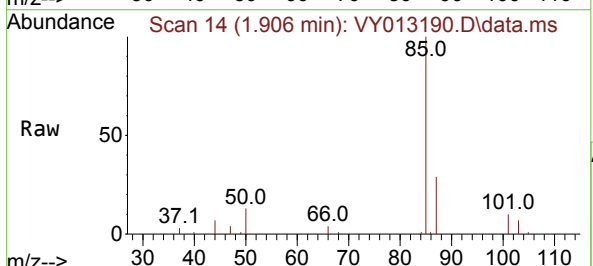
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ClientSampleId :
VY0404SBS01

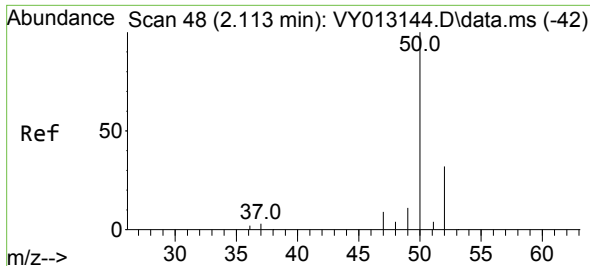
Tgt Ion:168 Resp: 96255
Ion Ratio Lower Upper
168 100
99 52.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.197 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 85 Resp: 19058
Ion Ratio Lower Upper
85 100
87 29.4 16.7 50.0

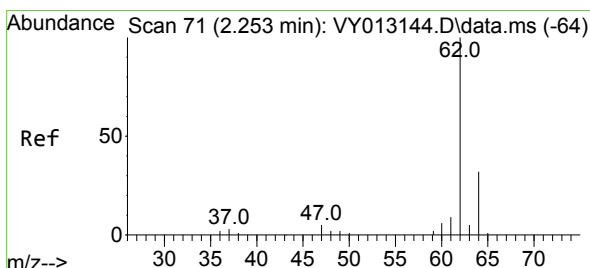
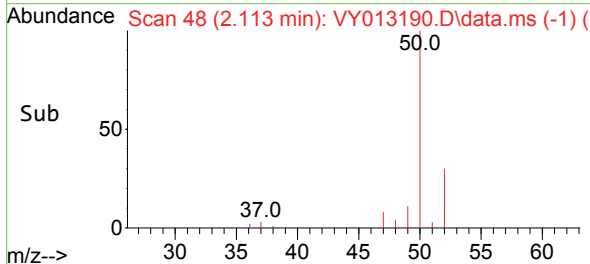
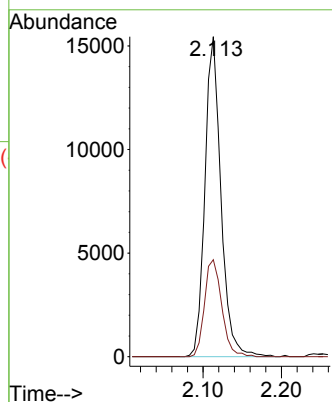
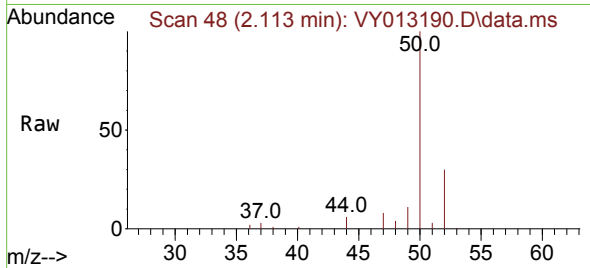




#3
Chloromethane
Concen: 22.269 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

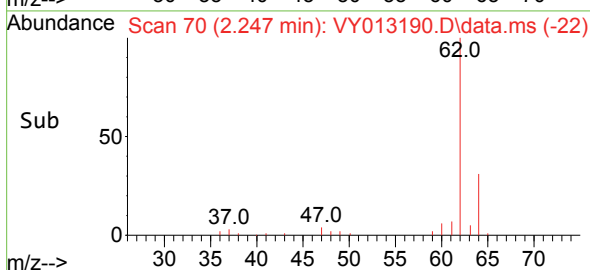
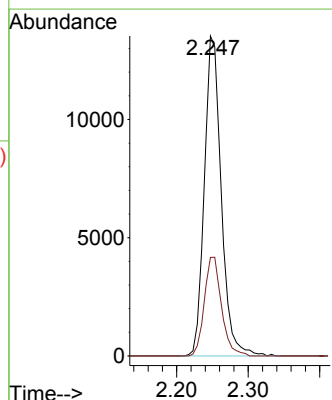
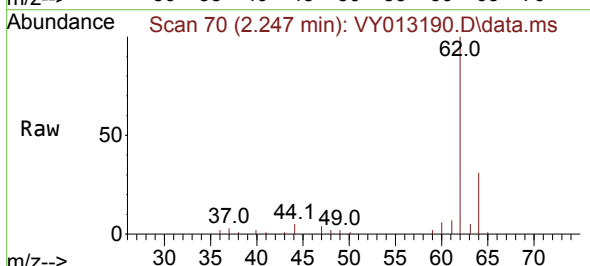
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

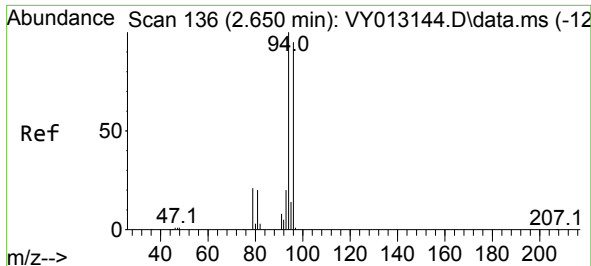
Tgt Ion: 50 Resp: 21913
Ion Ratio Lower Upper
50 100
52 30.3 26.0 39.0



#4
Vinyl Chloride
Concen: 22.507 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 62 Resp: 22205
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4





#5

Bromomethane

Concen: 23.969 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

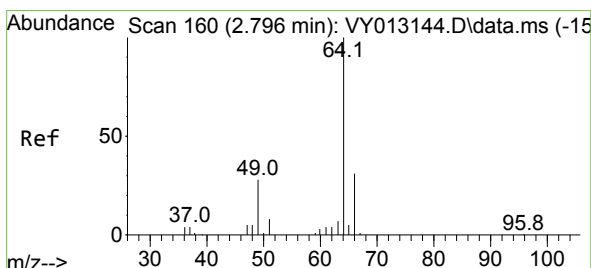
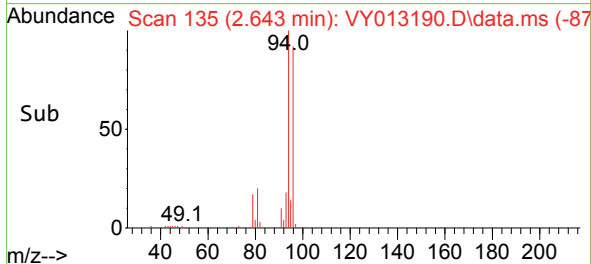
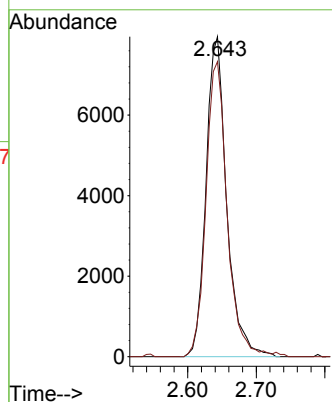
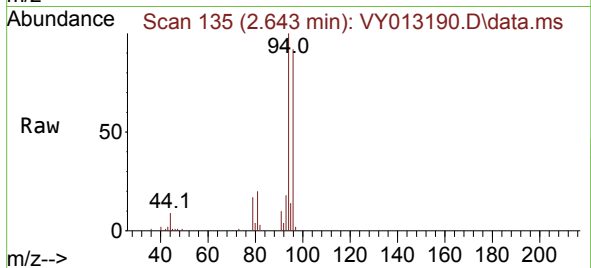
VY0404SBS01

Tgt Ion: 94 Resp: 16688

Ion Ratio Lower Upper

94 100

96 92.2 80.3 120.5



#6

Chloroethane

Concen: 23.356 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013190.D

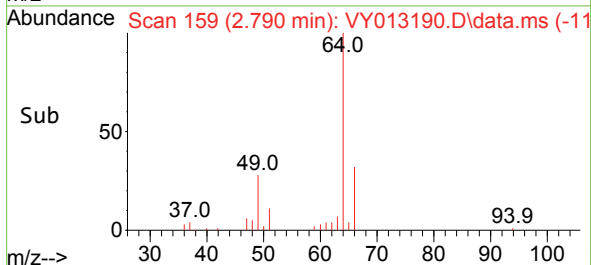
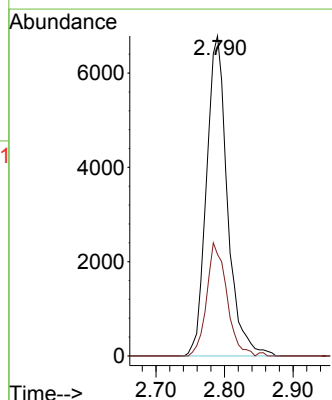
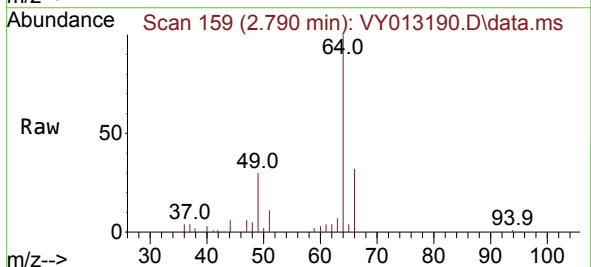
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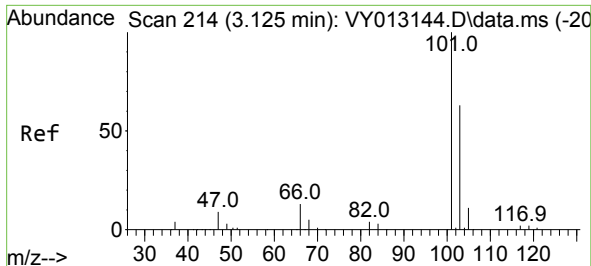
Tgt Ion: 64 Resp: 14434

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

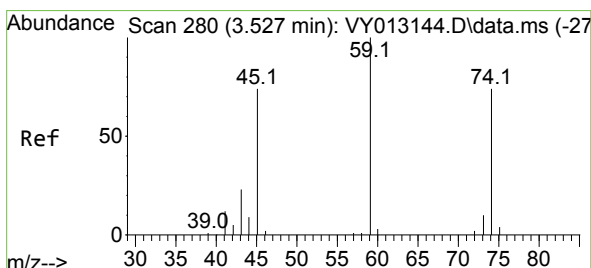
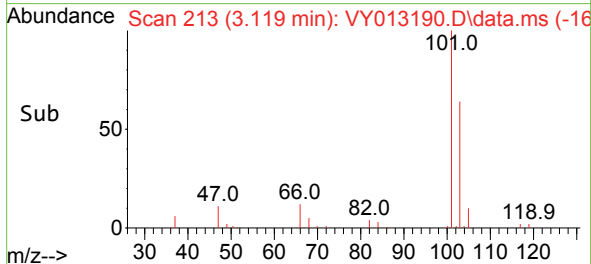
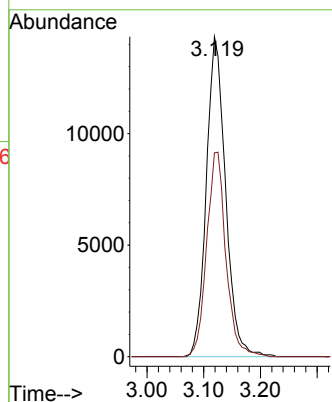
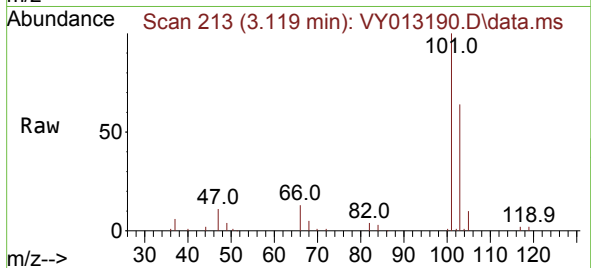




#7
Trichlorofluoromethane
Concen: 19.256 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

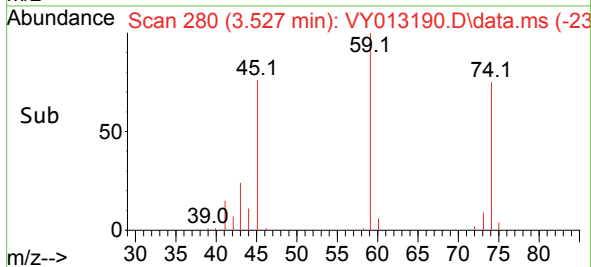
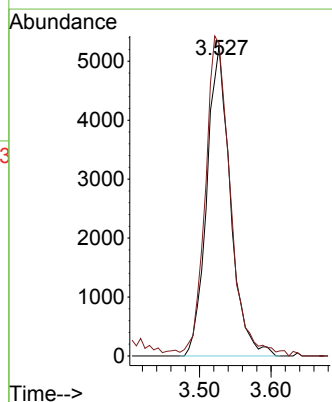
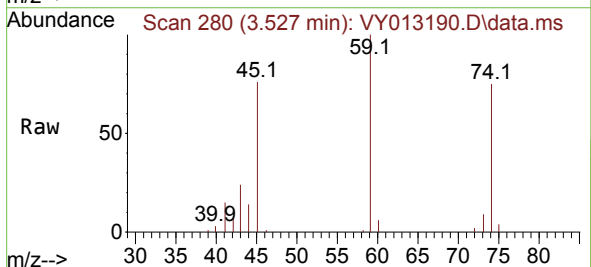
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

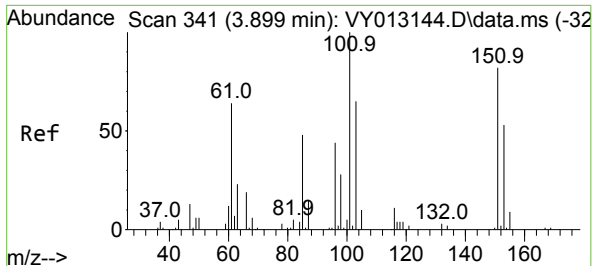
Tgt Ion:101 Resp: 33811
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3



#8
Diethyl Ether
Concen: 21.846 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 74 Resp: 12045
Ion Ratio Lower Upper
74 100
45 110.0 52.1 156.4

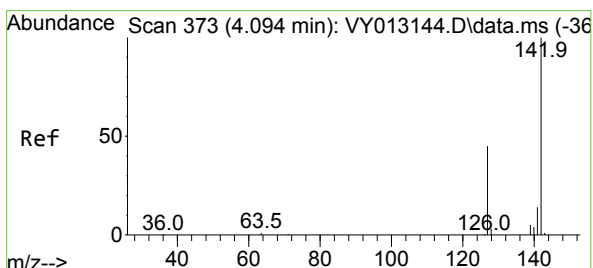
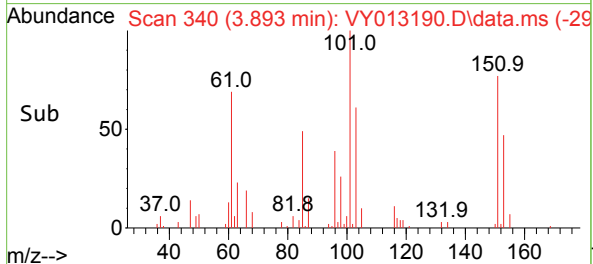
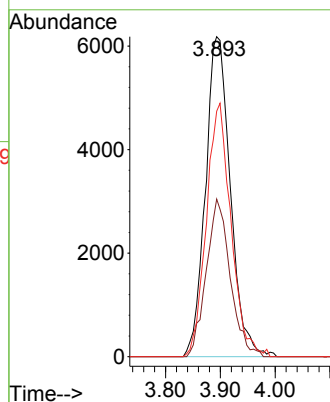
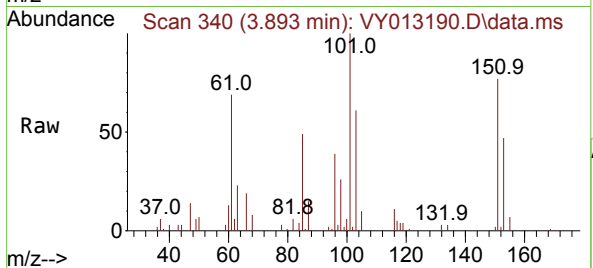




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.154 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

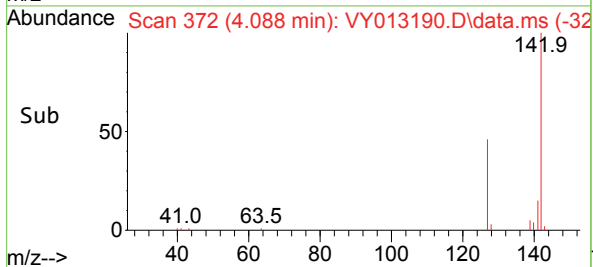
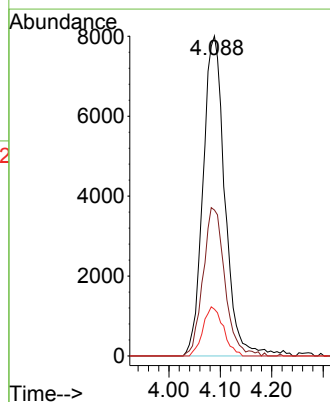
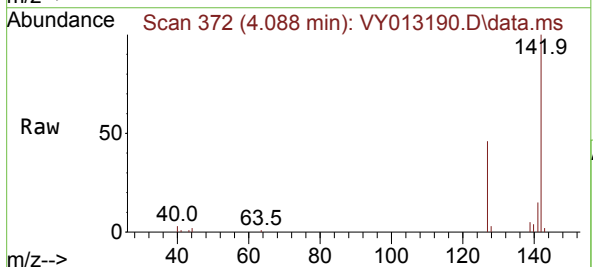
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

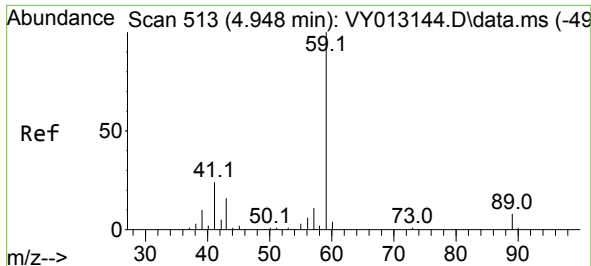
Tgt Ion:101 Resp: 19510
Ion Ratio Lower Upper
101 100
85 47.3 35.3 52.9
151 78.2 63.1 94.7



#10
Methyl Iodide
Concen: 18.703 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:142 Resp: 23576
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 14.4 11.3 16.9

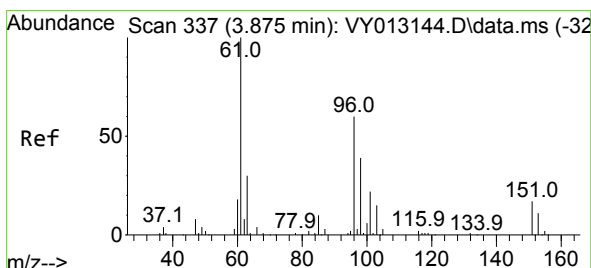
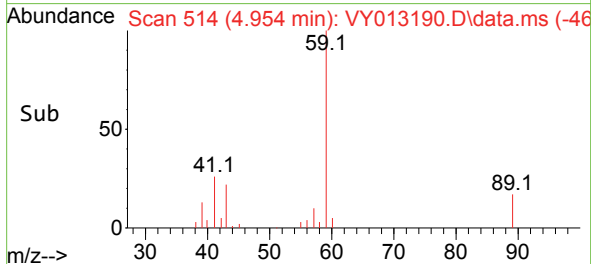
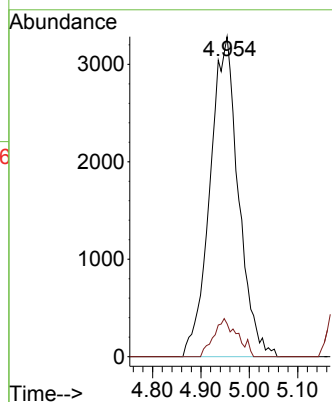
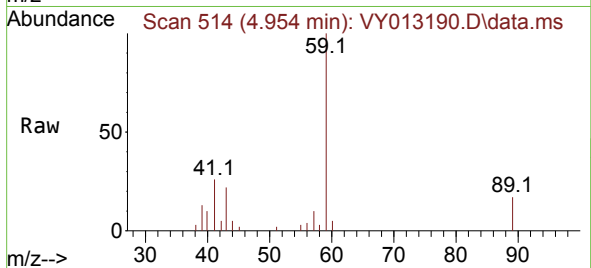




#11
Tert butyl alcohol
Concen: 144.209 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

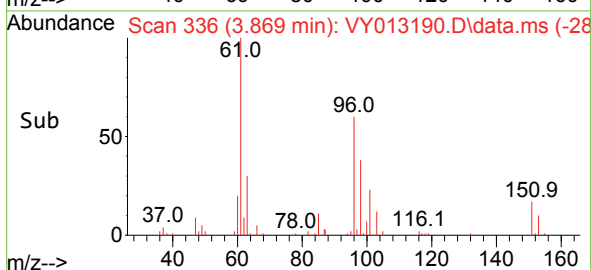
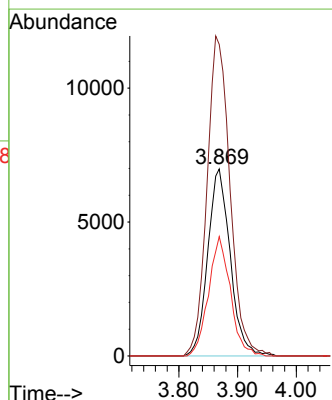
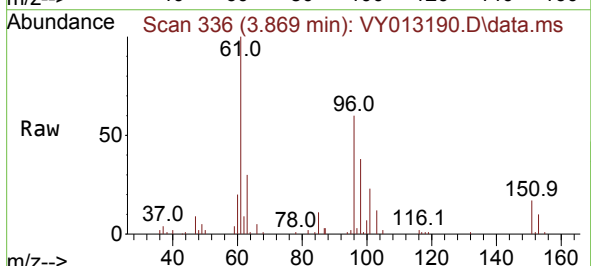
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

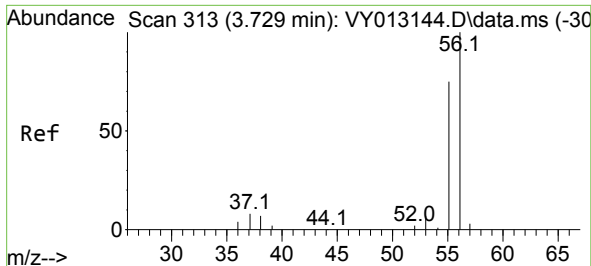
Tgt Ion: 59 Resp: 13445
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.860 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 96 Resp: 18585
Ion Ratio Lower Upper
96 100
61 166.6 131.7 197.5
98 63.8 52.0 78.0





#13

Acrolein

Concen: 112.231 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.007 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

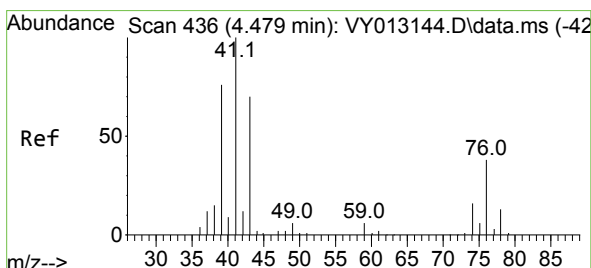
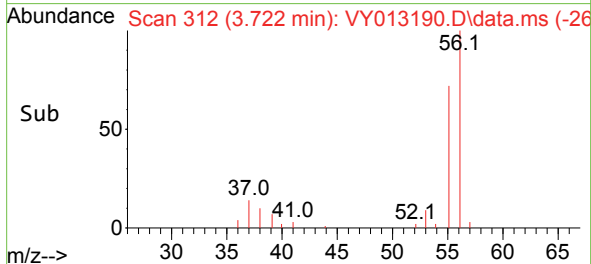
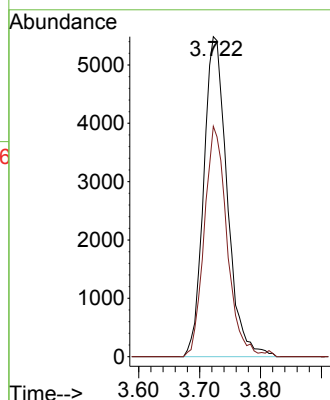
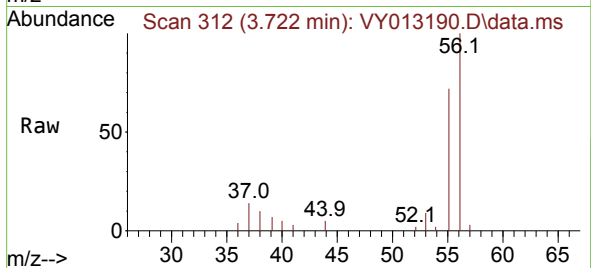
VY0404SBS01

Tgt Ion: 56 Resp: 14684

Ion Ratio Lower Upper

56 100

55 69.7 56.8 85.2



#14

Allyl chloride

Concen: 22.433 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

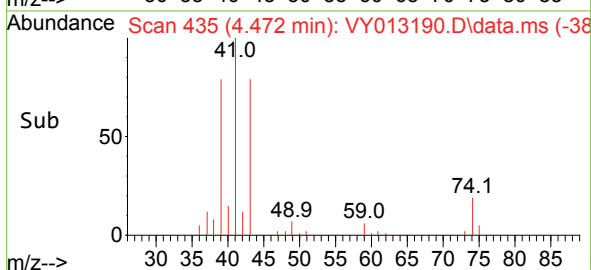
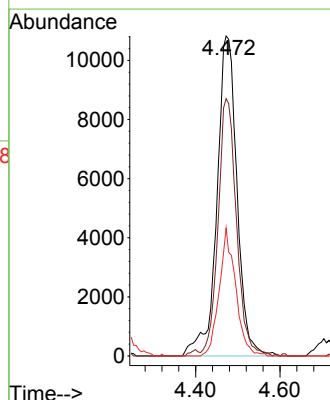
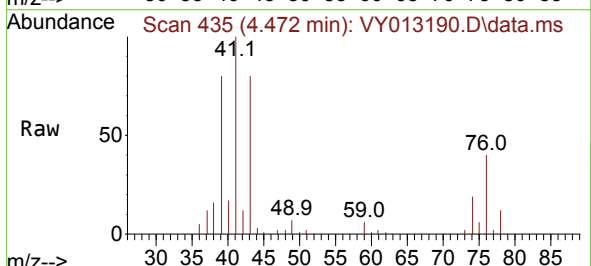
Tgt Ion: 41 Resp: 35769

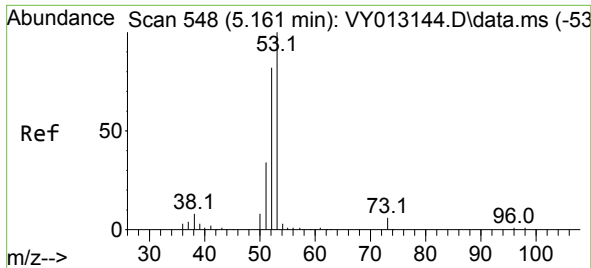
Ion Ratio Lower Upper

41 100

39 73.4 53.6 80.4

76 32.8 27.2 40.8

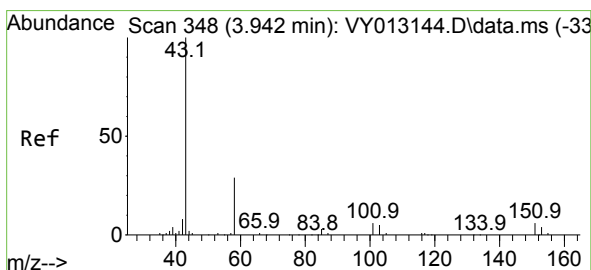
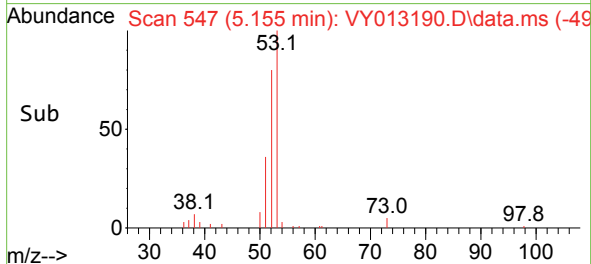
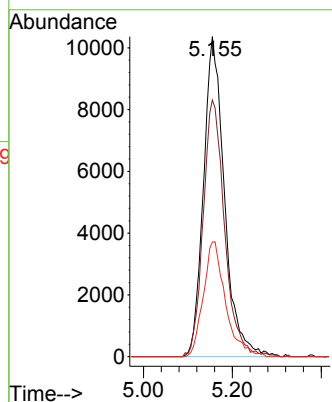
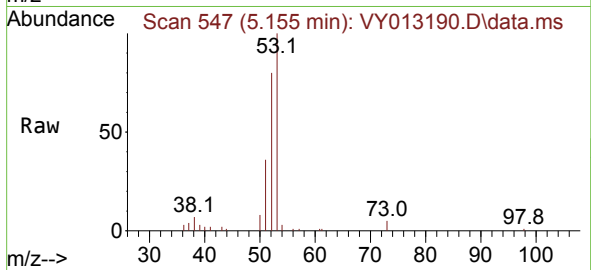




#15
Acrylonitrile
Concen: 124.325 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

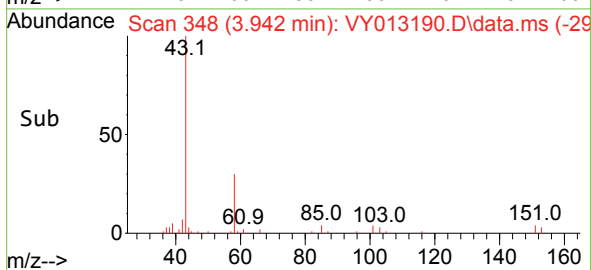
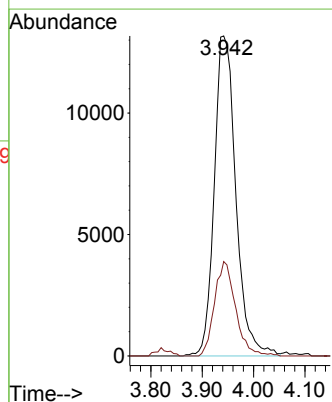
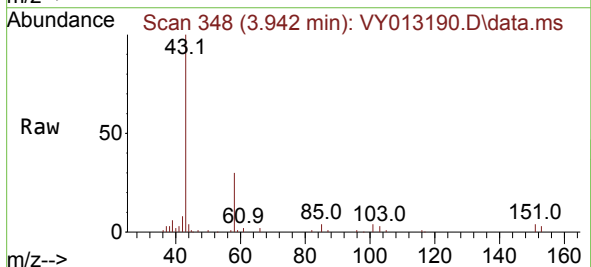
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

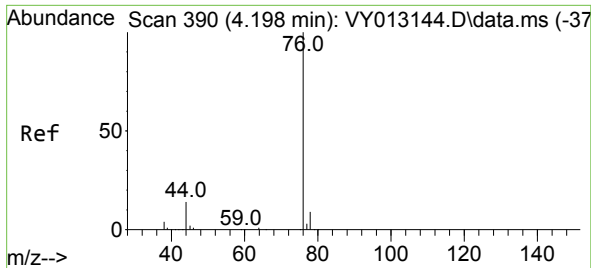
Tgt Ion: 53	Resp: 34063
Ion Ratio	Lower Upper
53	100
52	81.7 66.3 99.5
51	38.0 28.8 43.2



#16
Acetone
Concen: 121.660 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 43	Resp: 38483
Ion Ratio	Lower Upper
43	100
58	29.5 24.2 36.2

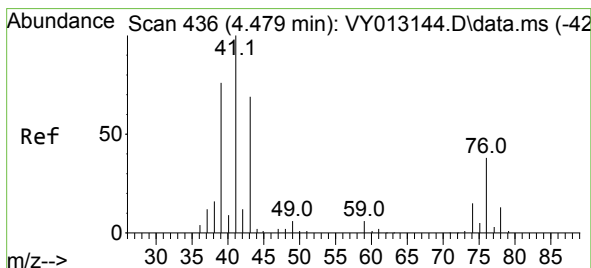
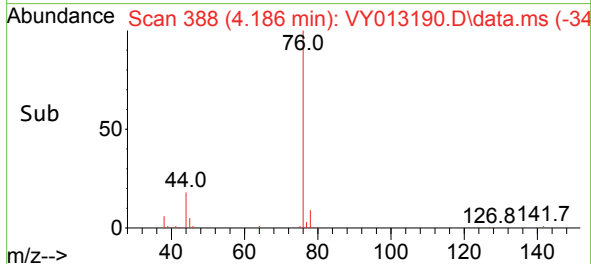
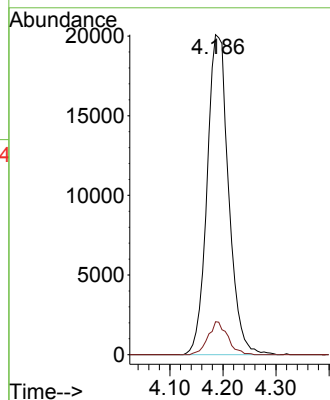
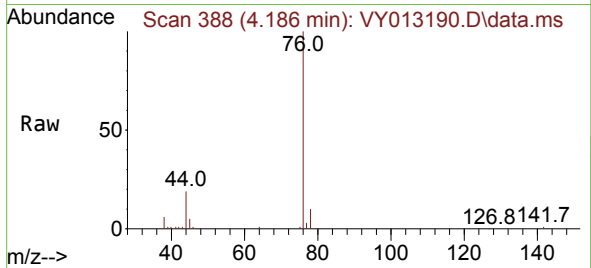




#17
Carbon Disulfide
Concen: 18.159 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

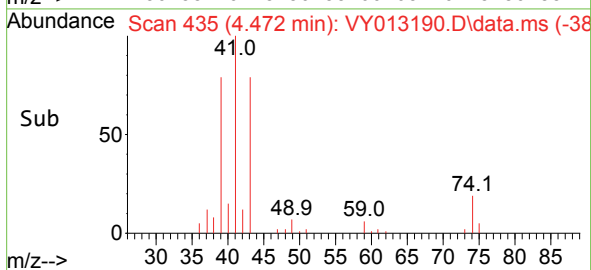
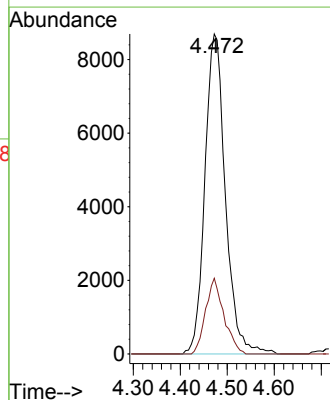
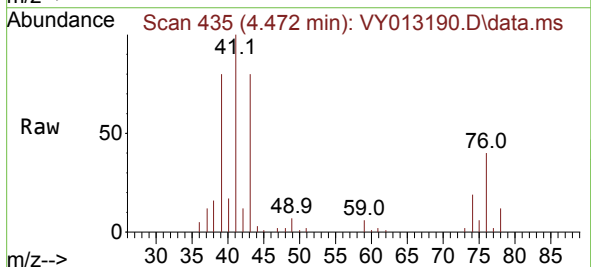
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

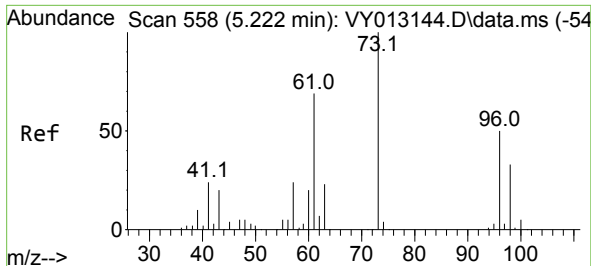
Tgt Ion: 76 Resp: 56591
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#18
Methyl Acetate
Concen: 26.383 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 43 Resp: 26295
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0

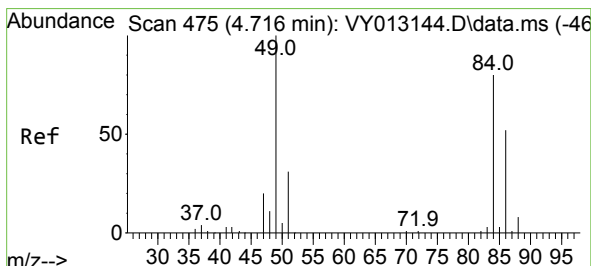
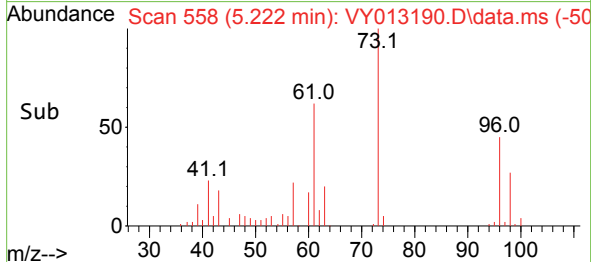
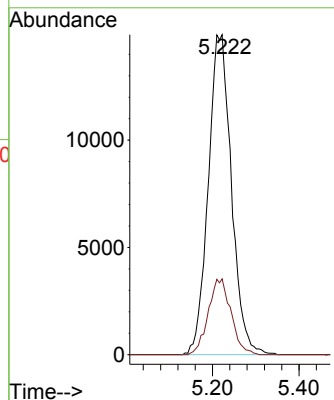
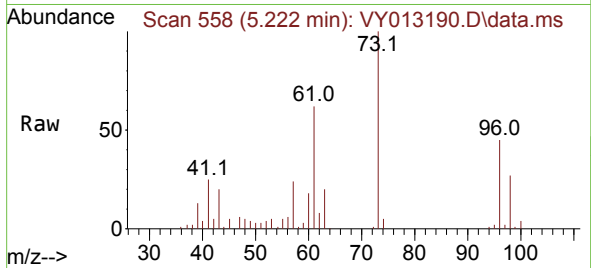




#19
Methyl tert-butyl Ether
Concen: 23.405 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

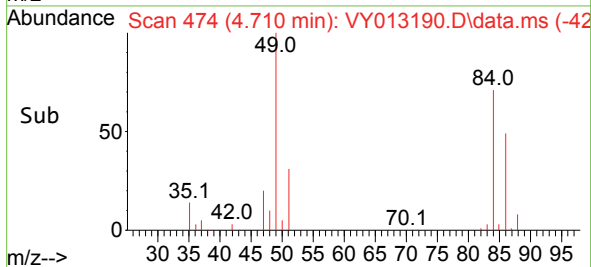
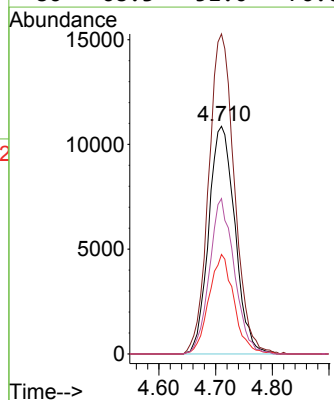
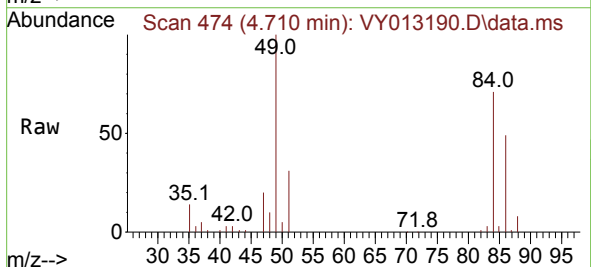
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

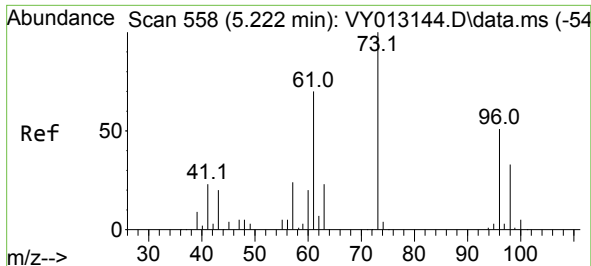
Tgt Ion: 73 Resp: 55500
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 29.770 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 84 Resp: 34880
Ion Ratio Lower Upper
84 100
49 140.6 102.6 154.0
51 43.7 31.9 47.9
86 68.3 51.0 76.6

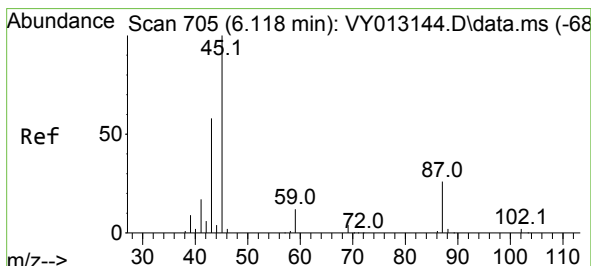
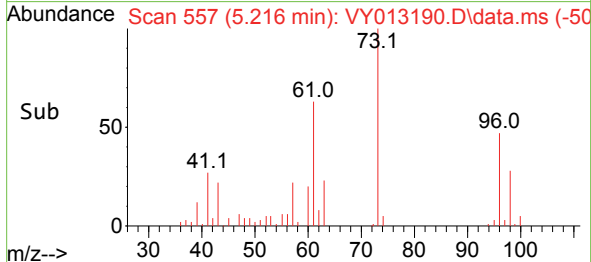
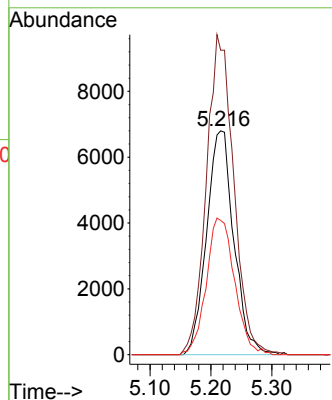
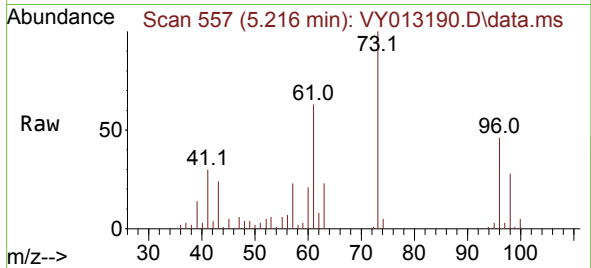




#21
trans-1,2-Dichloroethene
Concen: 20.074 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

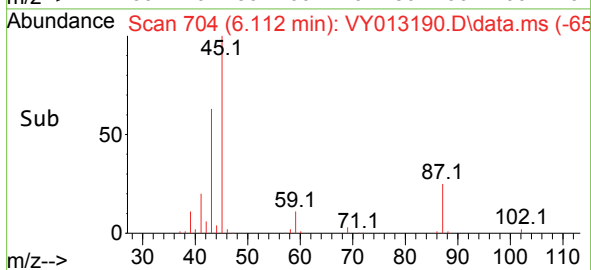
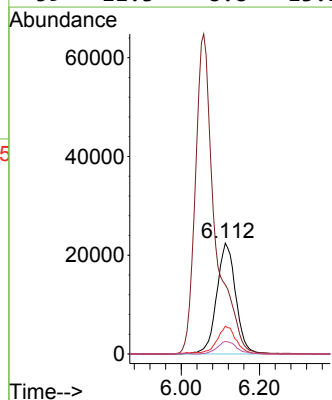
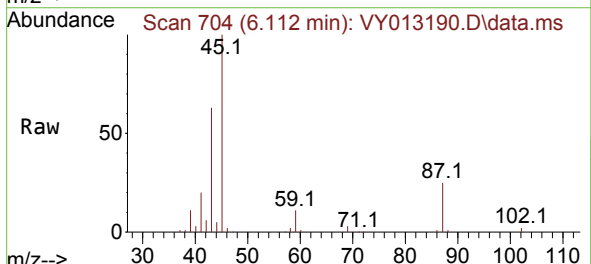
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

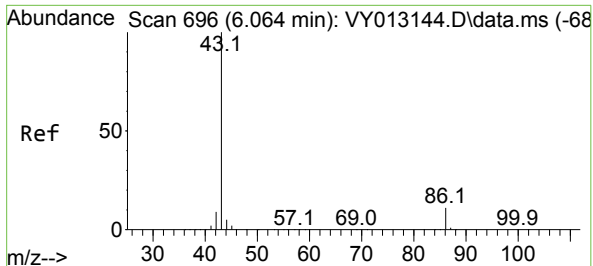
Tgt Ion: 96 Resp: 21166
Ion Ratio Lower Upper
96 100
61 136.0 111.4 167.0
98 60.0 50.8 76.2



#22
Diisopropyl ether
Concen: 24.298 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 45 Resp: 75691
Ion Ratio Lower Upper
45 100
43 62.1 45.0 67.6
87 25.2 20.3 30.5
59 11.3 8.8 13.2

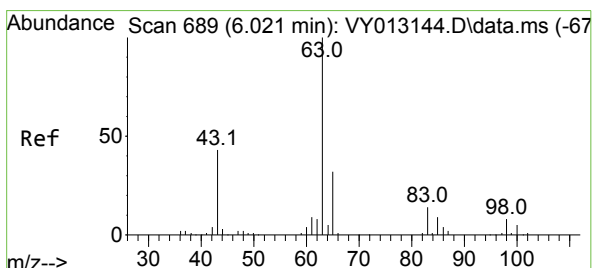
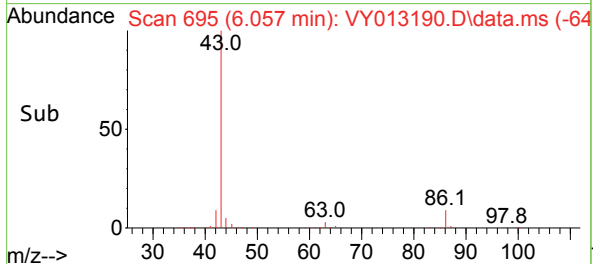
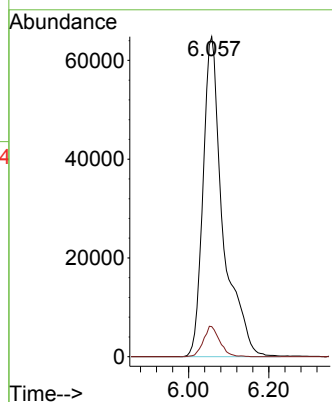
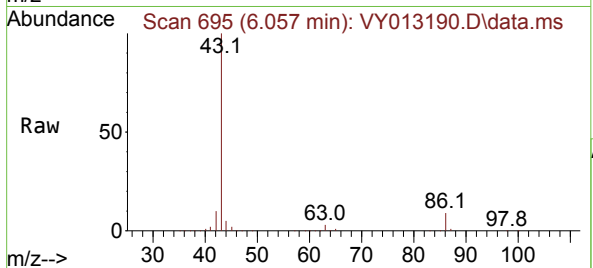




#23
 Vinyl Acetate
 Concen: 126.422 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.007 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

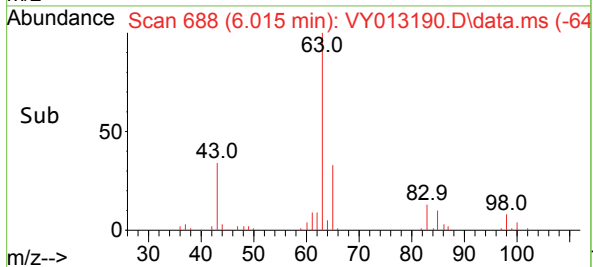
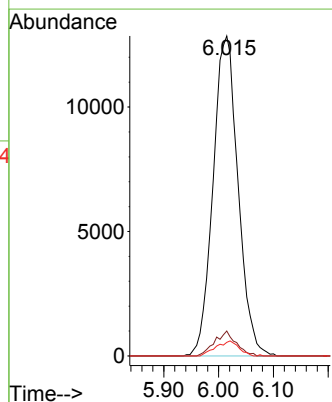
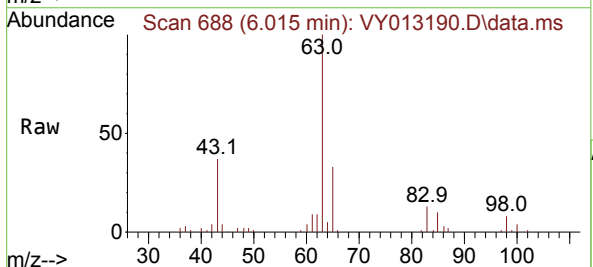
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

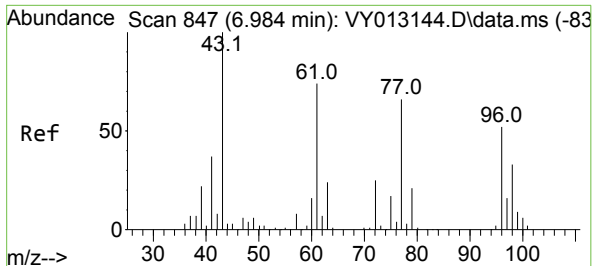
Tgt Ion: 43 Resp: 223955
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.073 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

Tgt Ion: 63 Resp: 40724
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 133.143 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

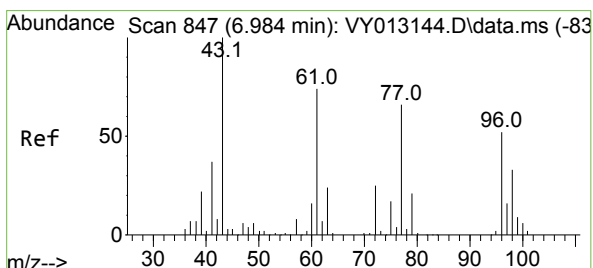
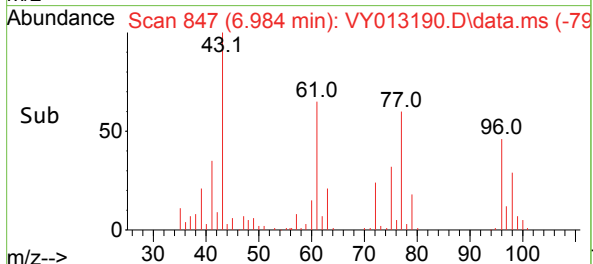
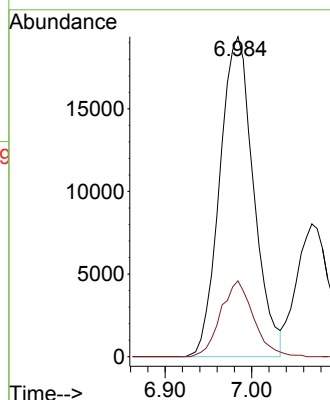
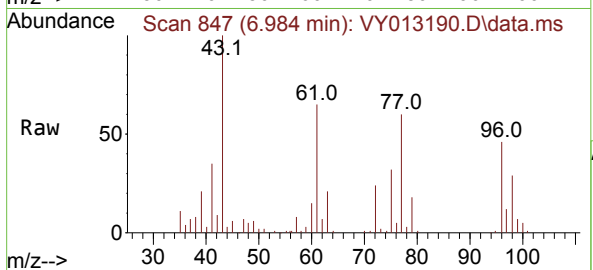
VY0404SBS01

Tgt Ion: 43 Resp: 52661

Ion Ratio Lower Upper

43 100

72 23.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.745 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013190.D

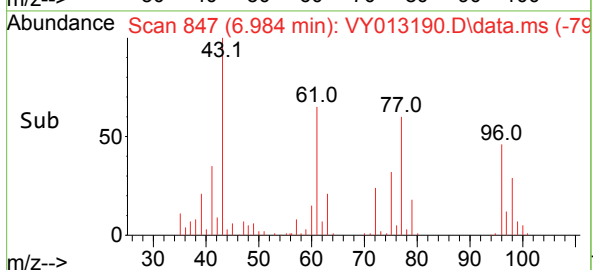
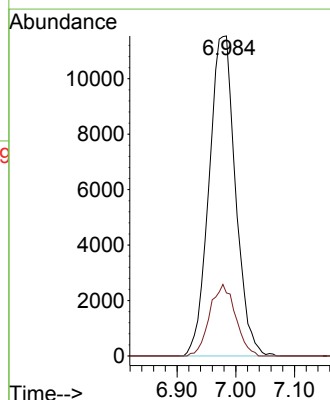
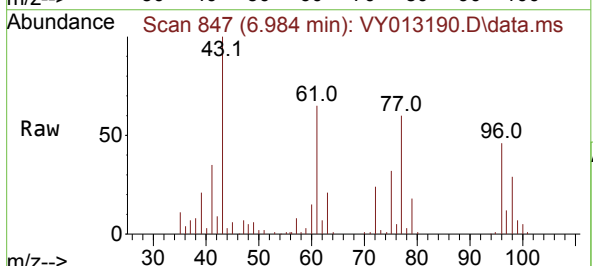
Acq: 04 Apr 2023 15:31

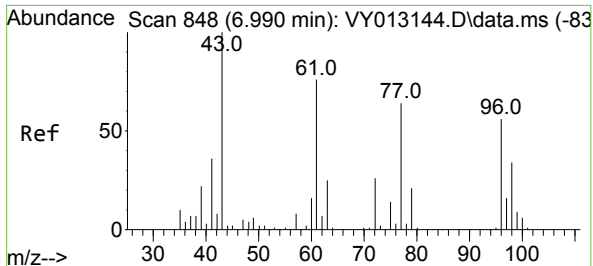
Tgt Ion: 77 Resp: 36084

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.0

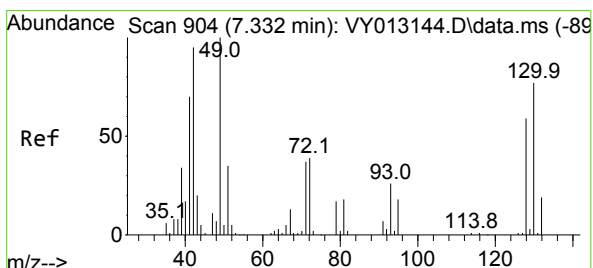
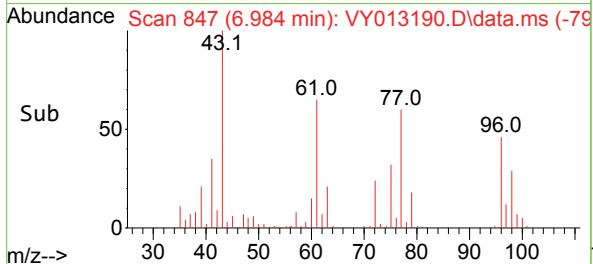
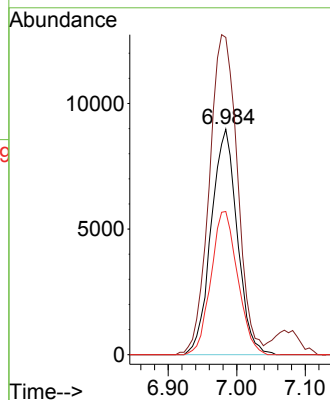
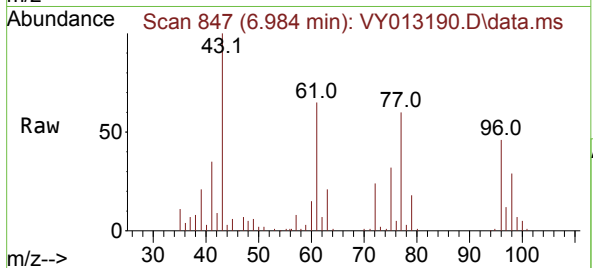




#27
cis-1,2-Dichloroethene
Concen: 20.922 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

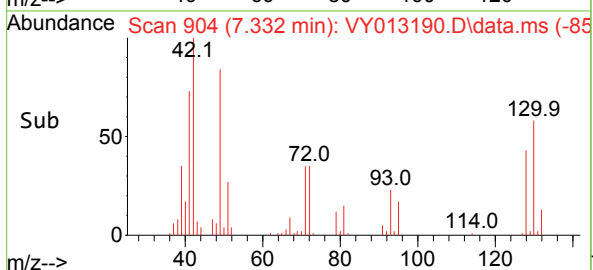
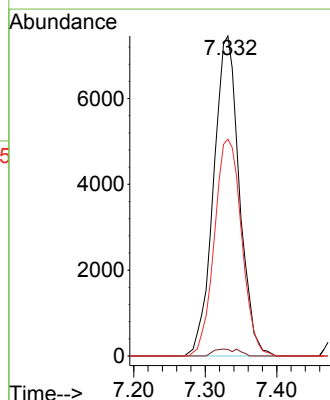
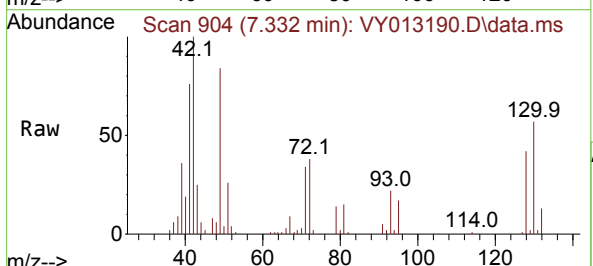
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

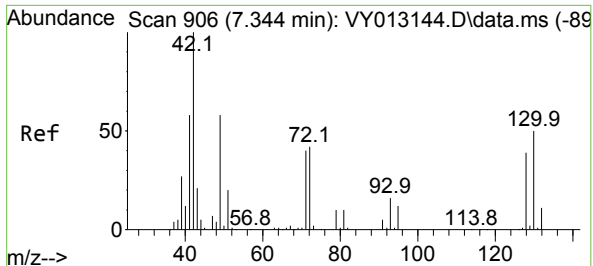
Tgt Ion: 96 Resp: 23765
Ion Ratio Lower Upper
96 100
61 153.3 0.0 295.8
98 64.9 0.0 130.2



#28
Bromochloromethane
Concen: 23.581 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 49 Resp: 18668
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 71.5 60.5 90.7

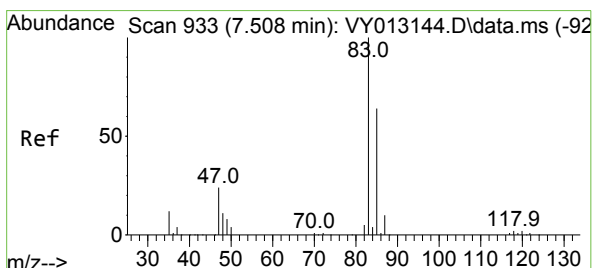
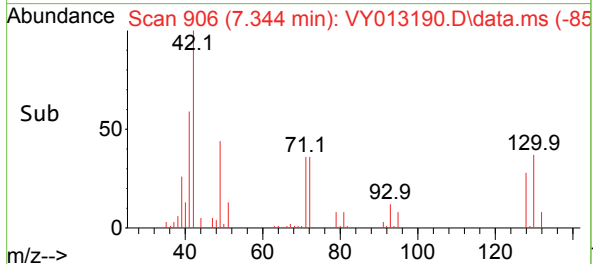
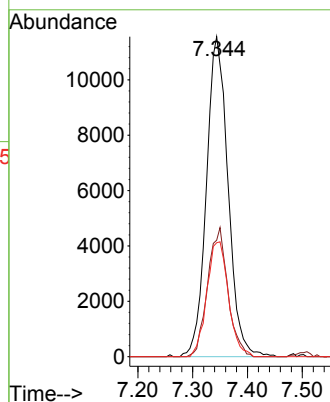
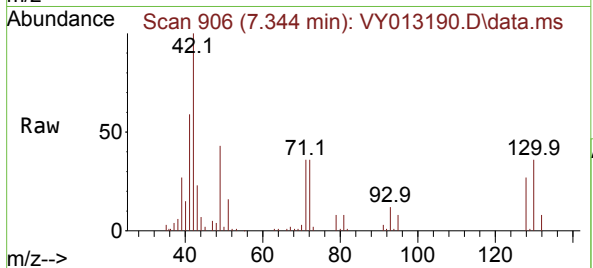




#29
Tetrahydrofuran
Concen: 134.973 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

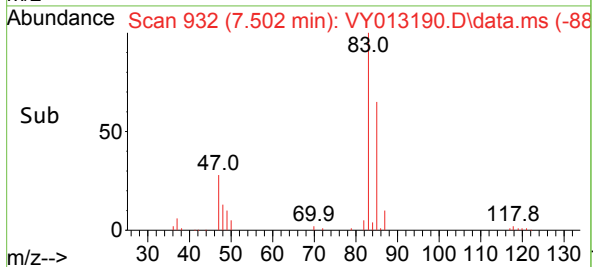
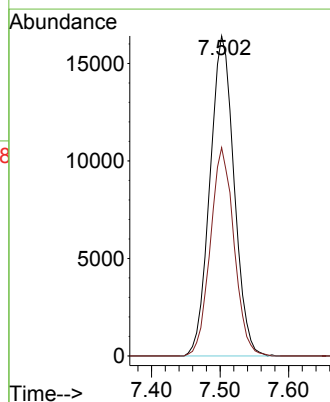
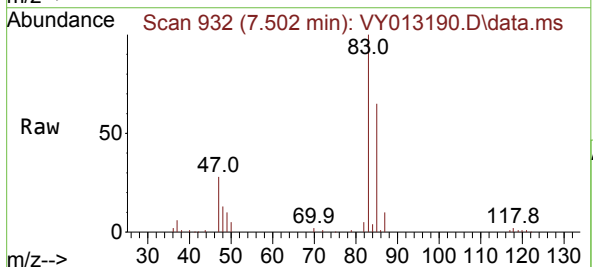
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

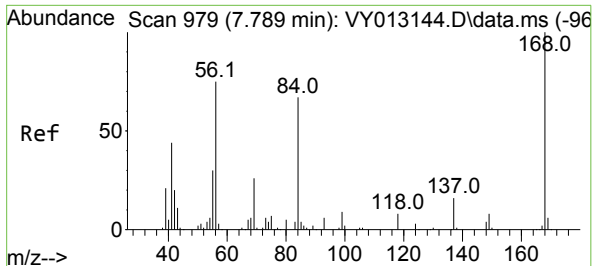
Tgt Ion:	42	Resp:	31602
Ion	Ratio	Lower	Upper
42	100		
72	37.8	32.3	48.5
71	35.9	30.3	45.5



#30
Chloroform
Concen: 21.027 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:	83	Resp:	40173
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0

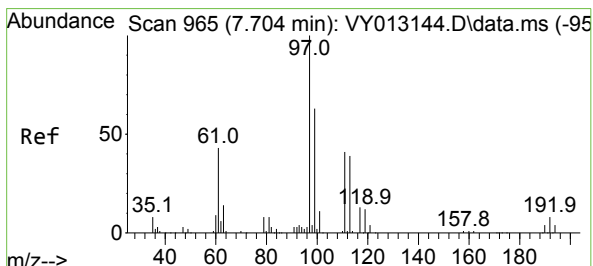
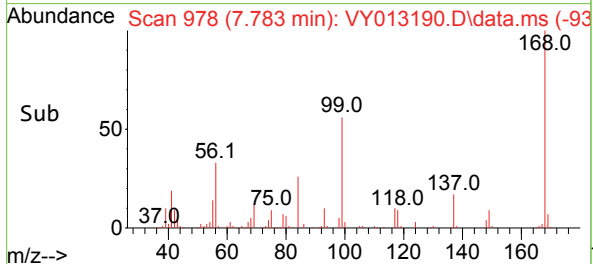
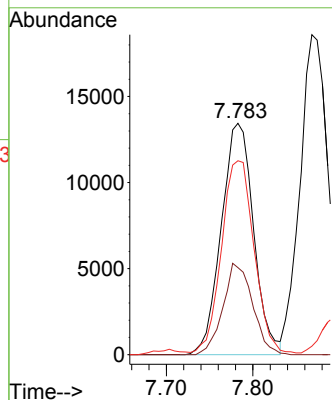
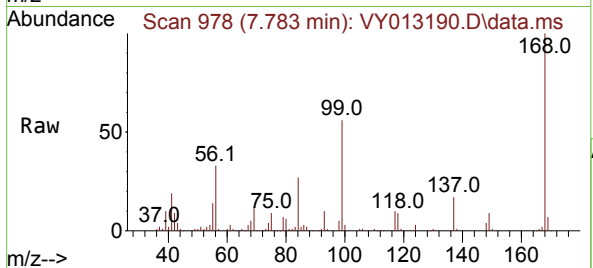




#31
Cyclohexane
Concen: 20.644 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

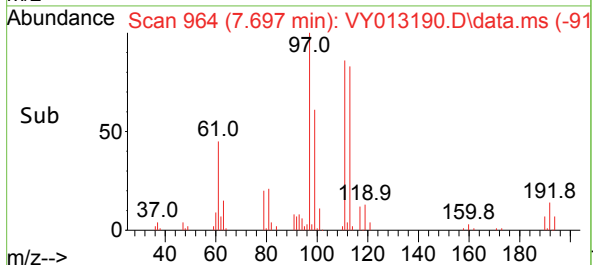
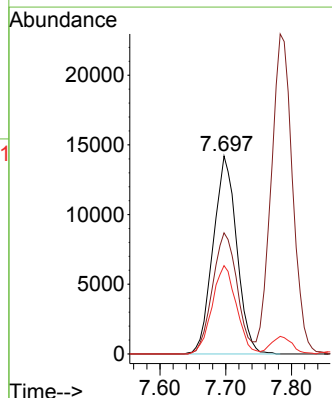
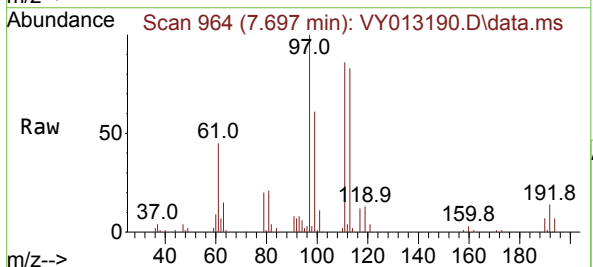
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

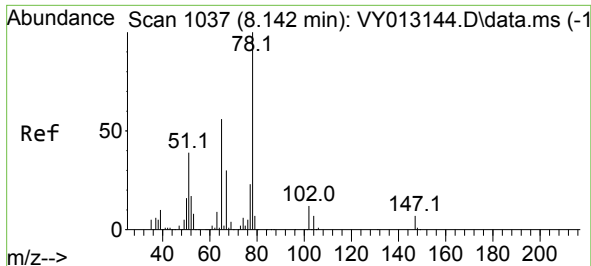
Tgt Ion: 56 Resp: 34863
Ion Ratio Lower Upper
56 100
69 37.6 25.7 38.5
84 82.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.999 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 97 Resp: 35471
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 45.9 34.5 51.7

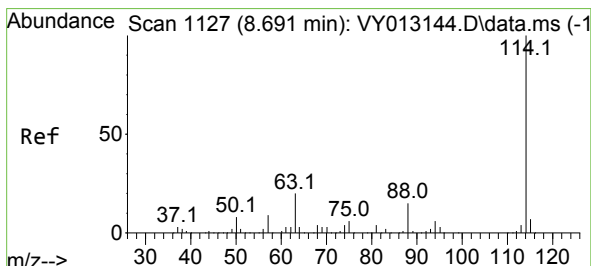
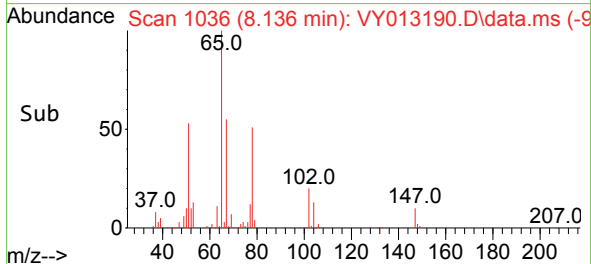
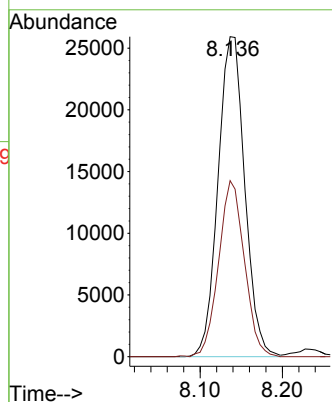
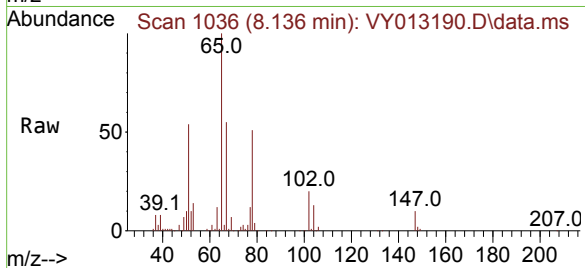




#33
 1,2-Dichloroethane-d4
 Concen: 56.701 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

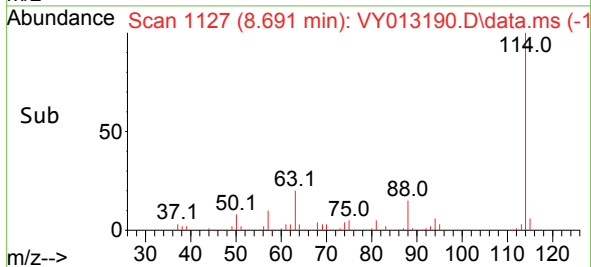
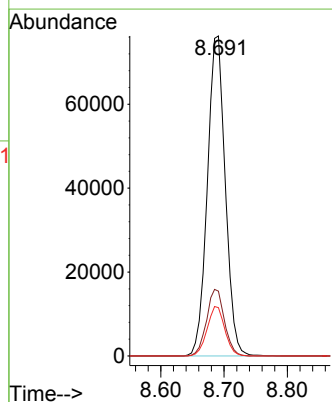
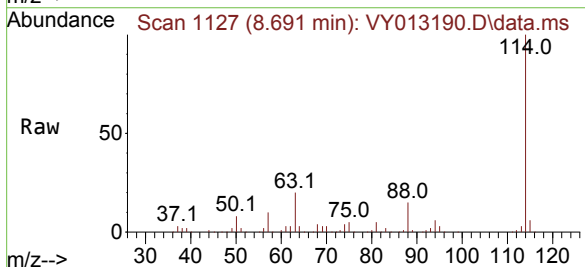
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

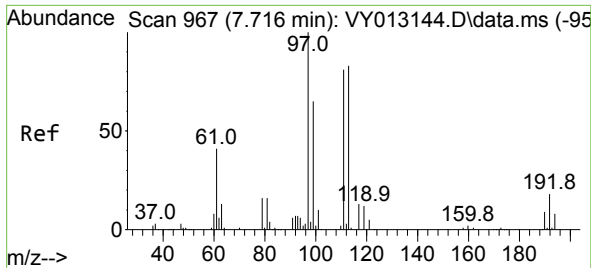
Tgt Ion: 65 Resp: 58654
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

Tgt Ion: 114 Resp: 150355
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.1 0.0 28.6

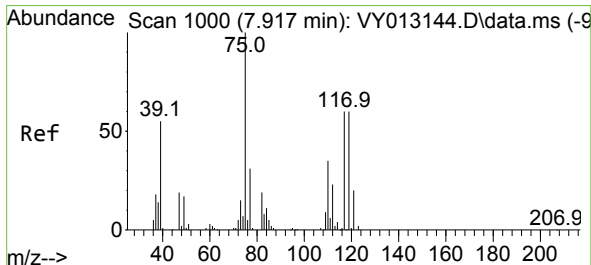
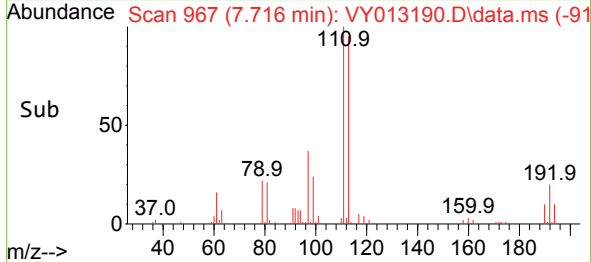
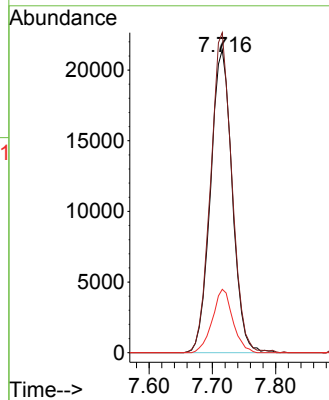
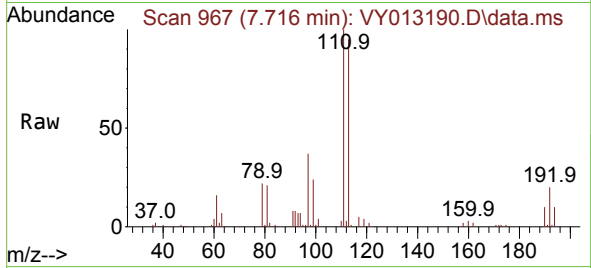




#35
Dibromofluoromethane
Concen: 51.826 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

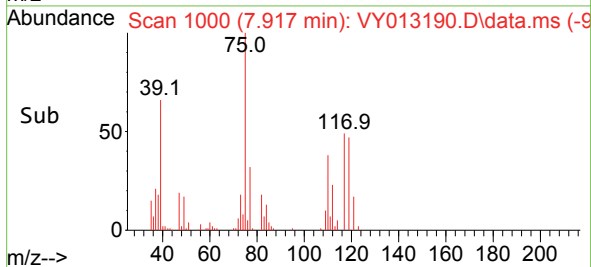
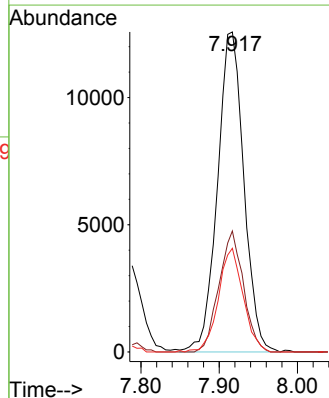
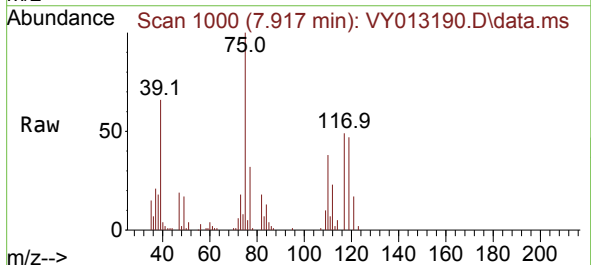
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

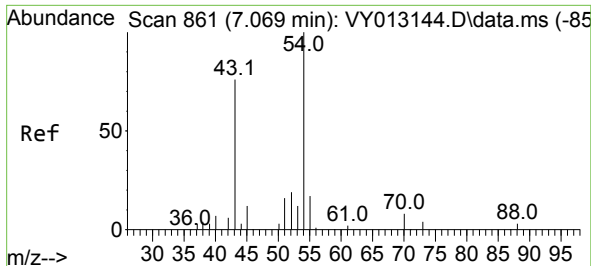
Tgt Ion:113 Resp: 50904
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.908 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 75 Resp: 29437
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 26.089 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

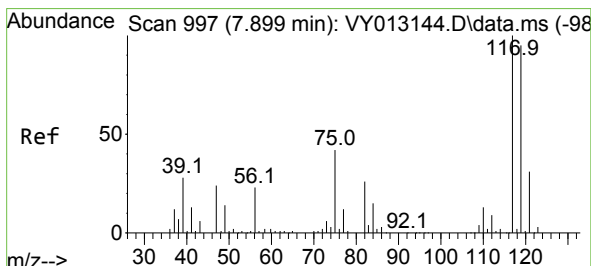
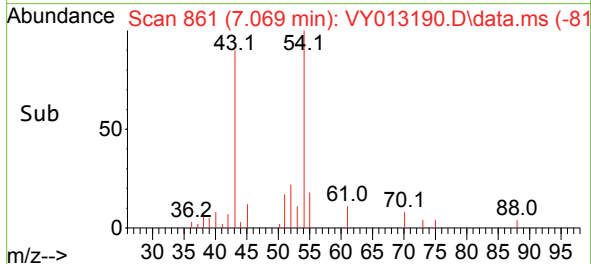
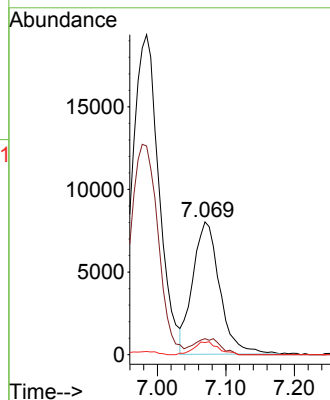
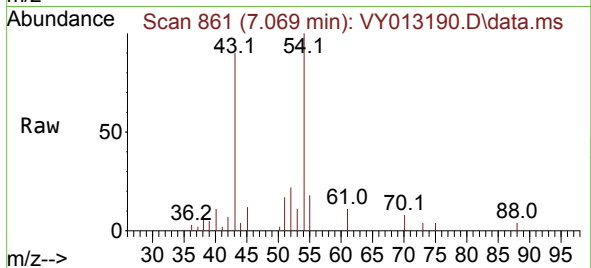
Tgt Ion: 43 Resp: 21914

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.905 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

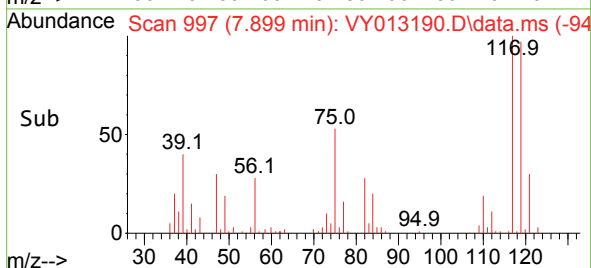
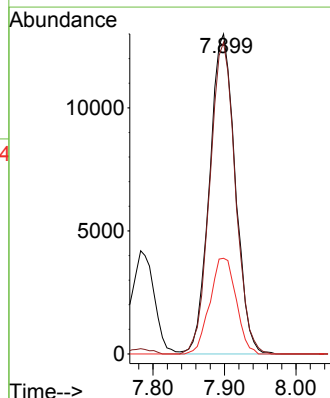
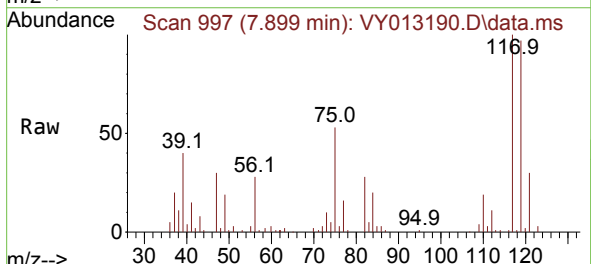
Tgt Ion: 117 Resp: 32475

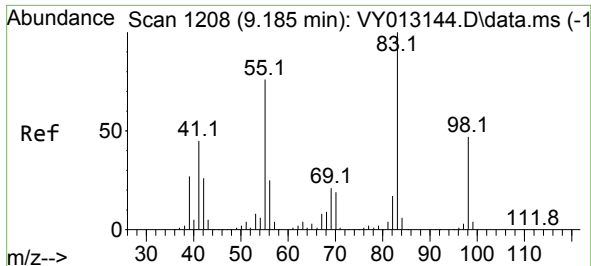
Ion Ratio Lower Upper

117 100

119 97.4 77.2 115.8

121 29.9 24.7 37.1

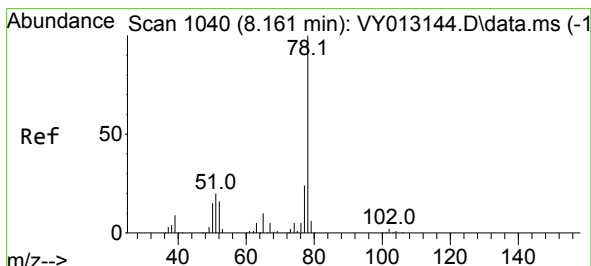
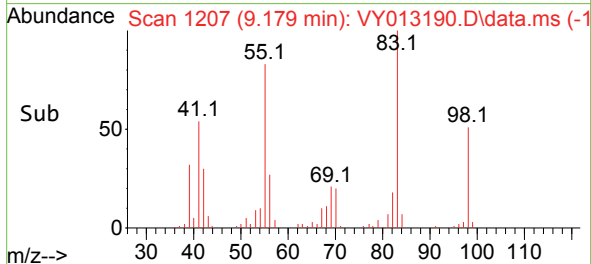
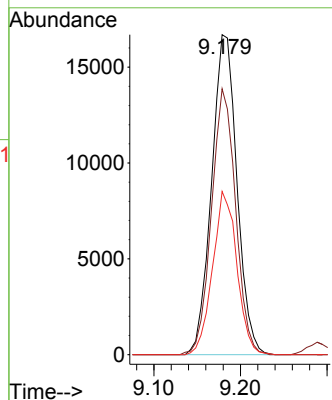
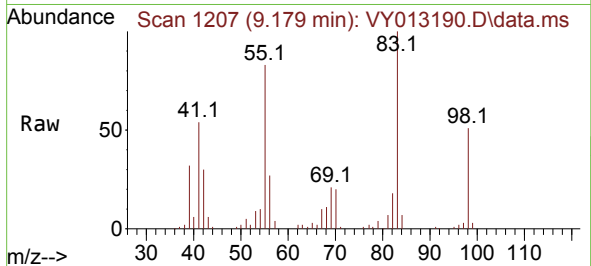




#39
Methylcyclohexane
Concen: 19.600 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

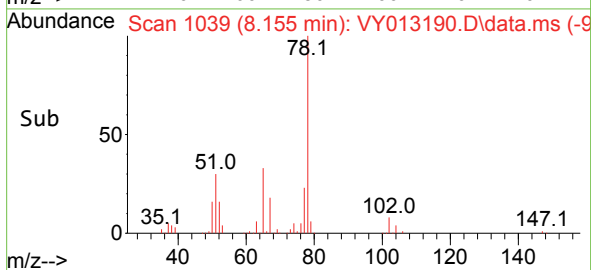
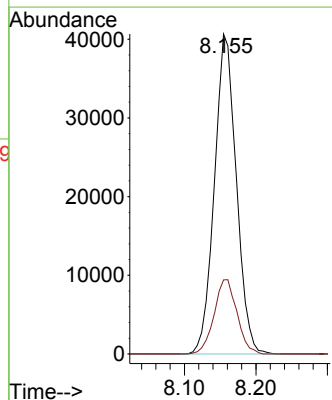
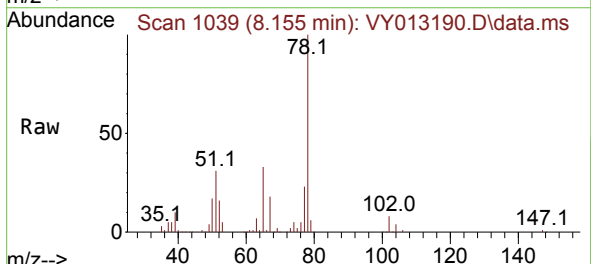
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

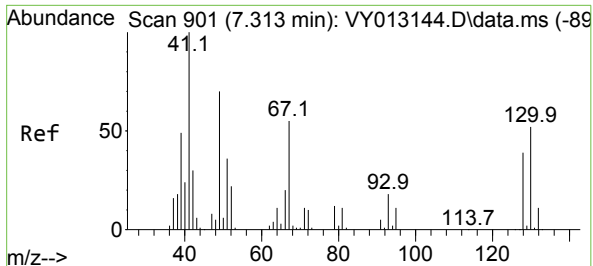
Tgt Ion: 83 Resp: 34001
Ion Ratio Lower Upper
83 100
55 83.1 60.0 90.0
98 51.0 38.3 57.5



#40
Benzene
Concen: 20.255 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 78 Resp: 86507
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

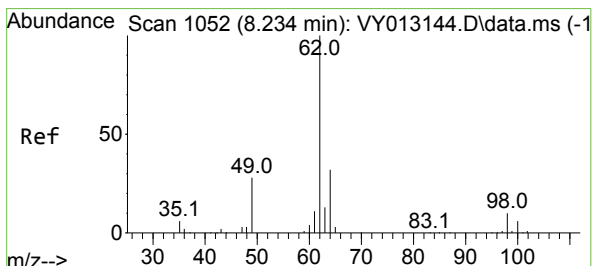
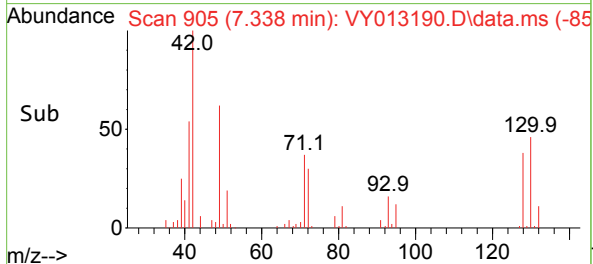
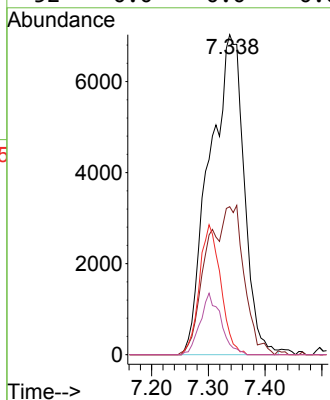
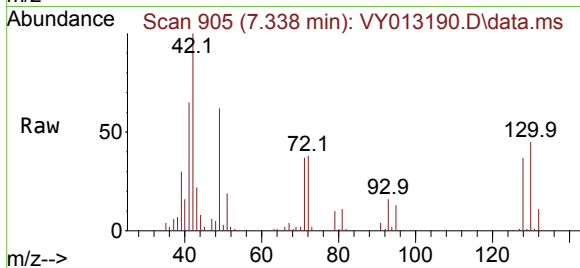




#41
Methacrylonitrile
Concen: 79.479 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

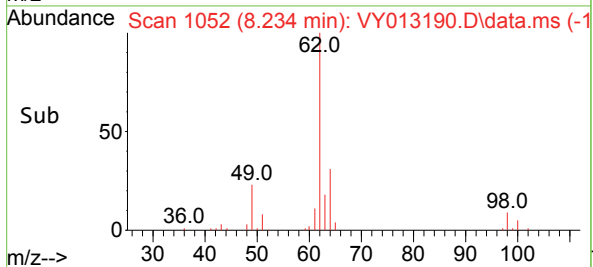
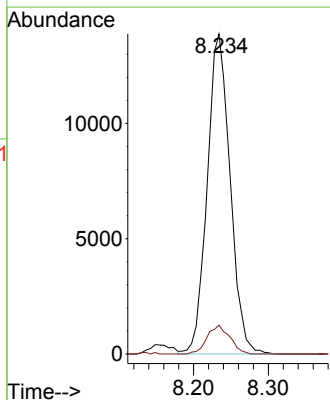
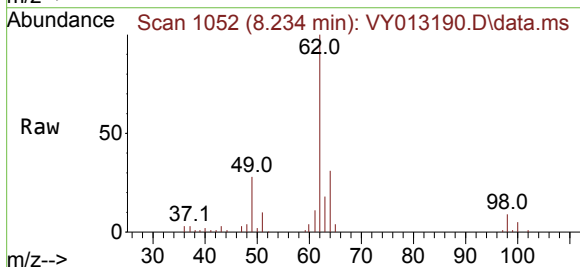
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

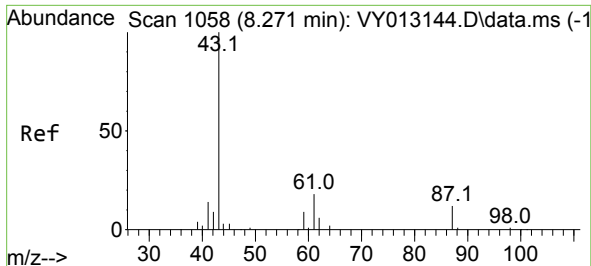
Tgt Ion: 41 Resp: 29617
Ion Ratio Lower Upper
41 100
39 29.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.620 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 62 Resp: 29598
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8

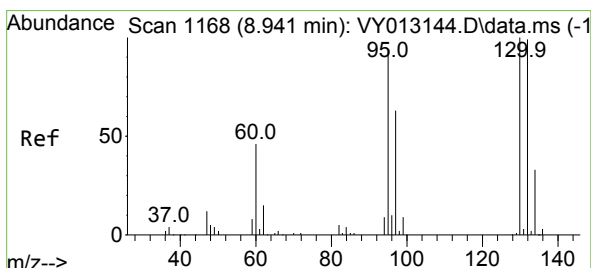
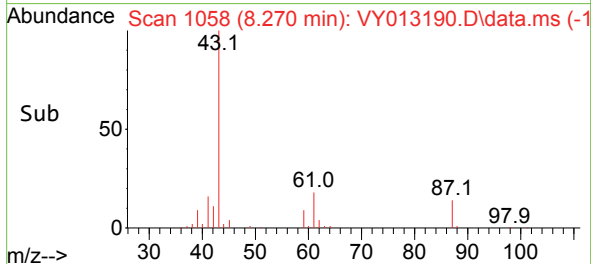
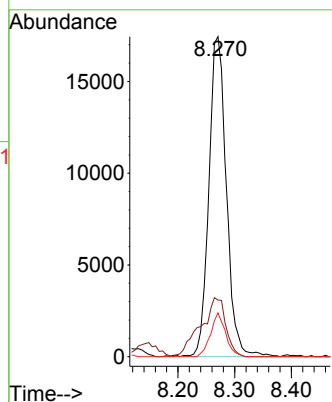
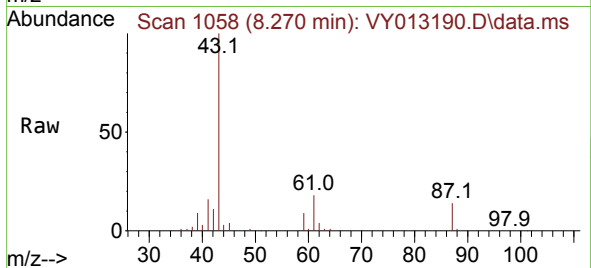




#43
Isopropyl Acetate
Concen: 24.879 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

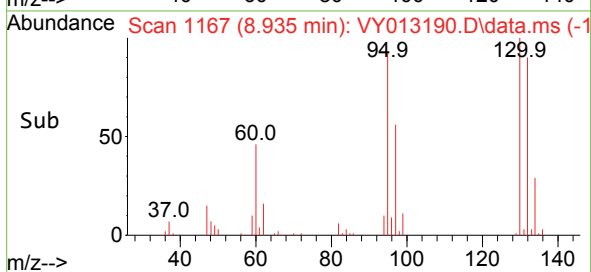
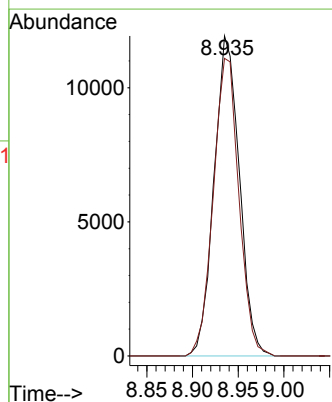
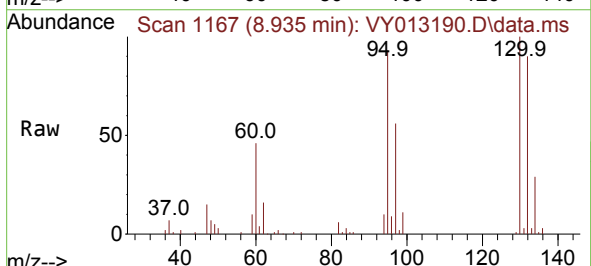
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

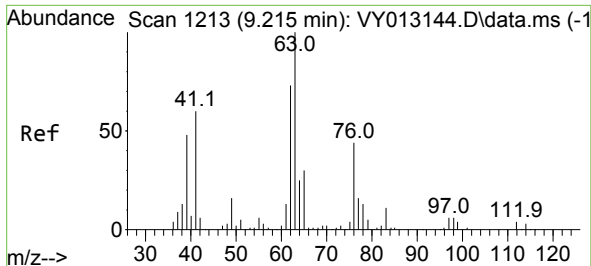
Tgt Ion:	43	Resp:	37407
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.6	32.4
87	11.8	9.9	14.9



#44
Trichloroethene
Concen: 19.546 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:	130	Resp:	22980
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	185.0

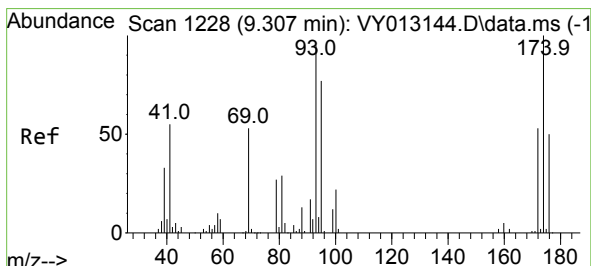
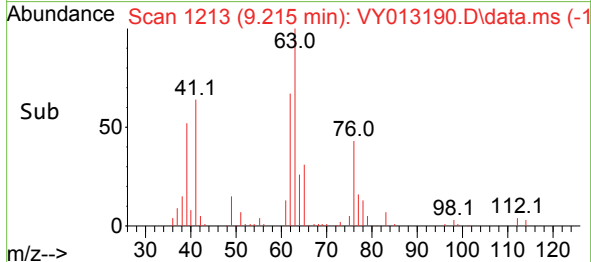
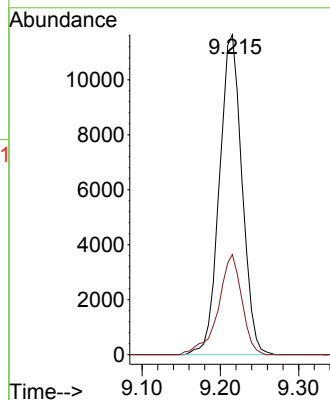
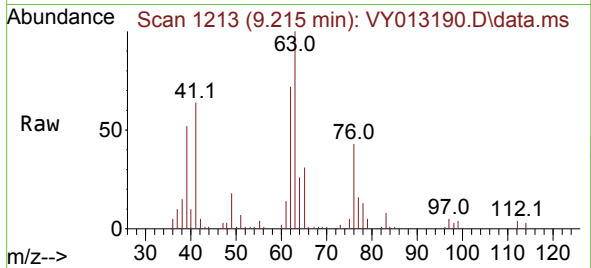




#45
1,2-Dichloropropane
Concen: 21.797 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

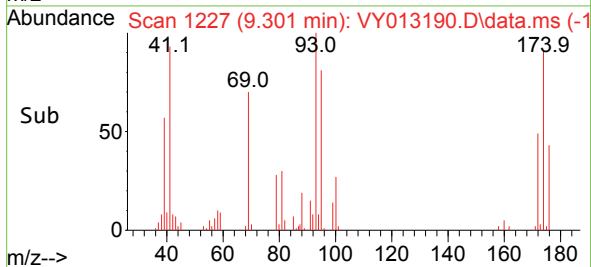
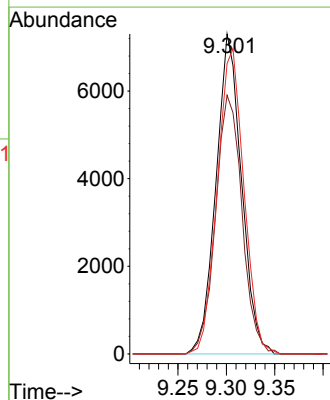
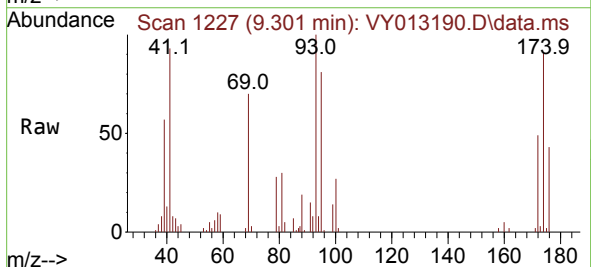
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

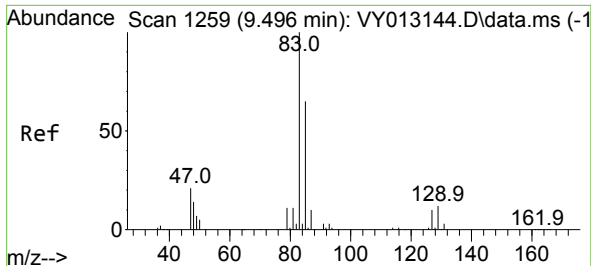
Tgt Ion: 63 Resp: 23311
Ion Ratio Lower Upper
63 100
65 31.3 25.7 38.5



#46
Dibromomethane
Concen: 21.795 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 93 Resp: 13390
Ion Ratio Lower Upper
93 100
95 83.8 65.6 98.4
174 99.3 81.3 121.9

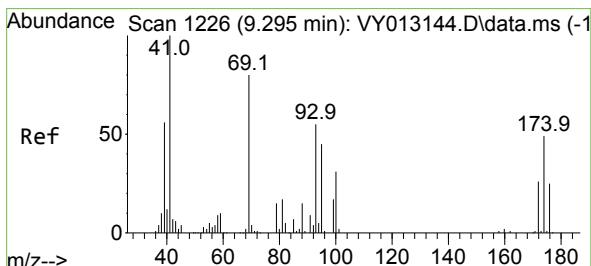
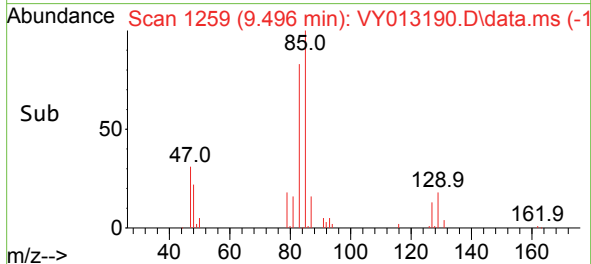
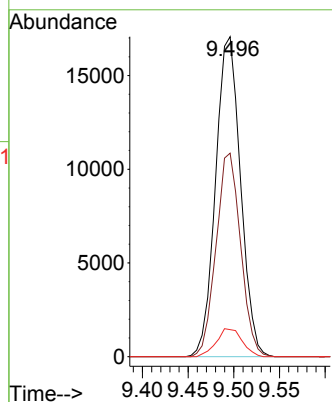
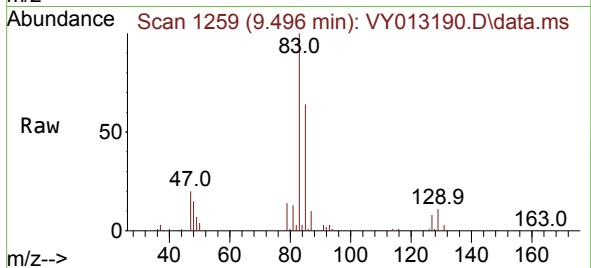




#47
Bromodichloromethane
Concen: 21.856 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

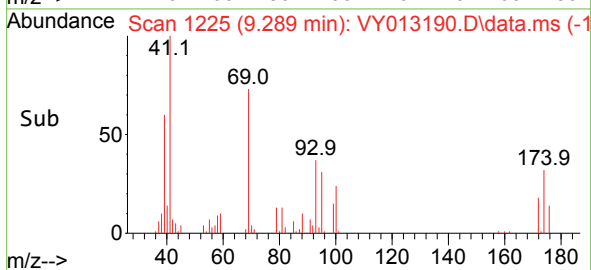
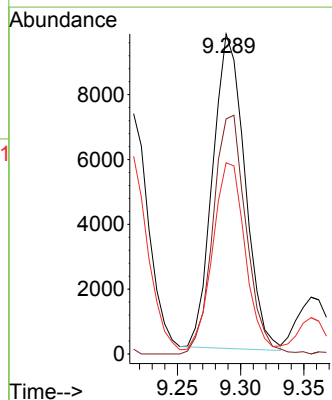
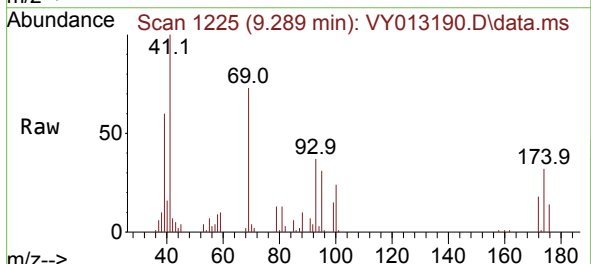
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

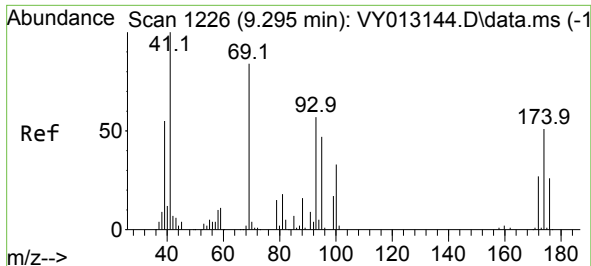
Tgt Ion: 83 Resp: 32399
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 24.400 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 41 Resp: 17086
Ion Ratio Lower Upper
41 100
69 78.5 64.1 96.1
39 60.1 44.0 66.0





#49

1,4-Dioxane

Concen: 446.733 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

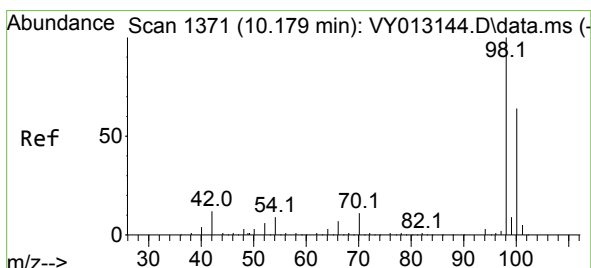
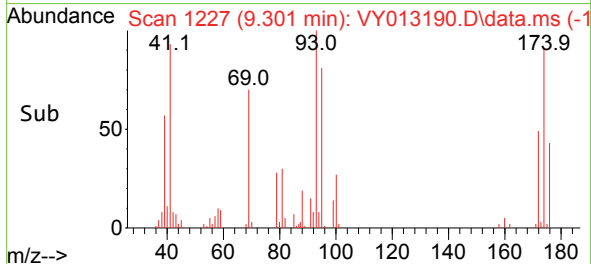
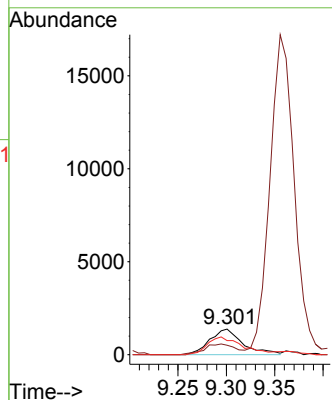
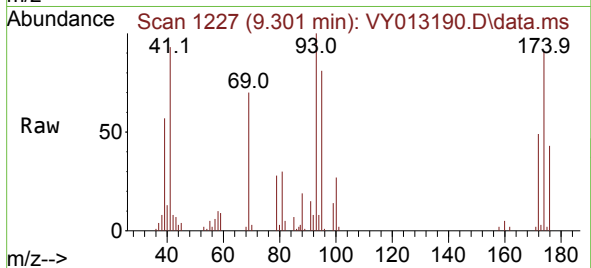
Tgt Ion: 88 Resp: 3265

Ion Ratio Lower Upper

88 100

43 40.3 28.6 42.8

58 73.9 55.2 82.8



#50

Toluene-d8

Concen: 51.786 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013190.D

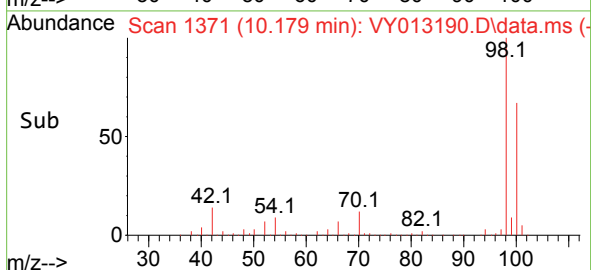
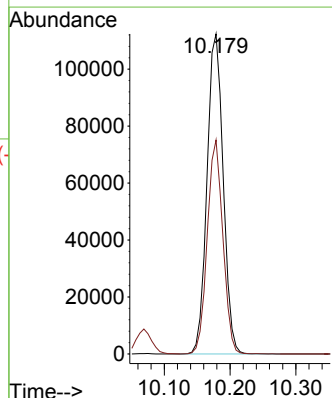
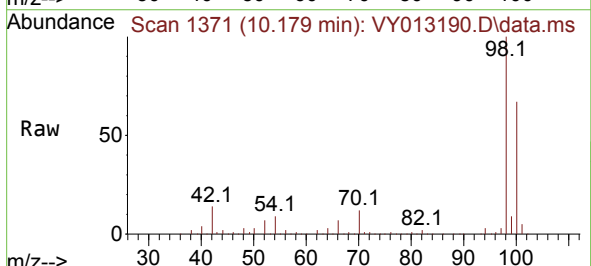
Acq: 04 Apr 2023 15:31

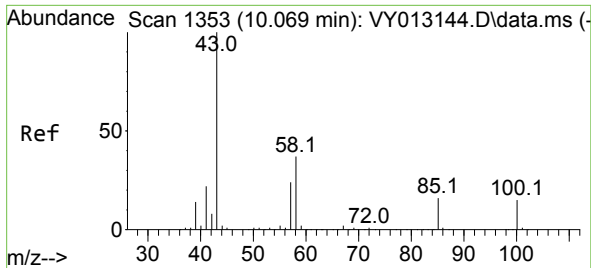
Tgt Ion: 98 Resp: 192023

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3

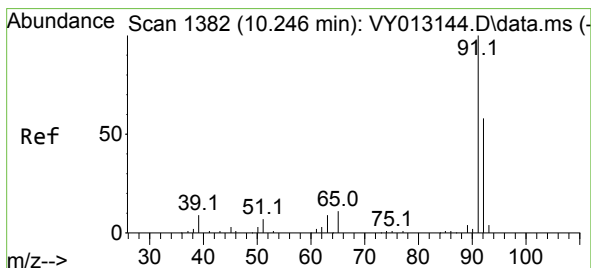
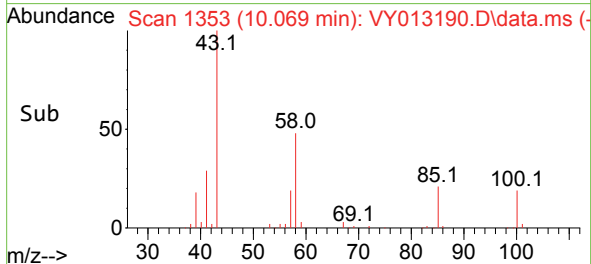
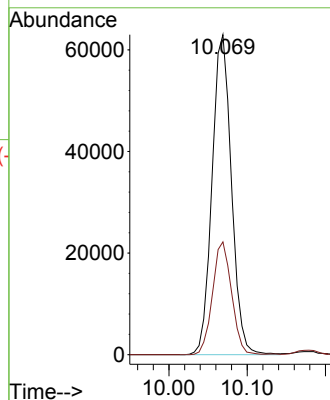
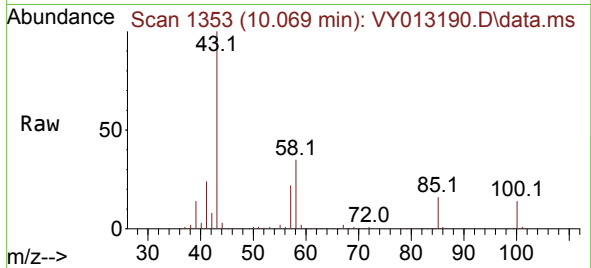




#51
4-Methyl-2-Pentanone
Concen: 133.367 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

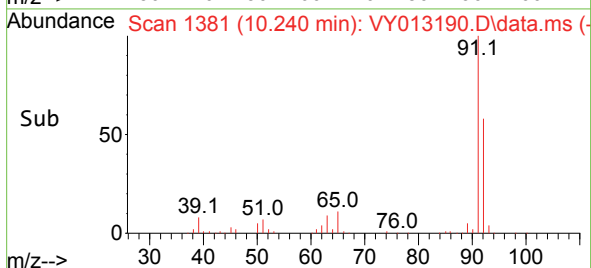
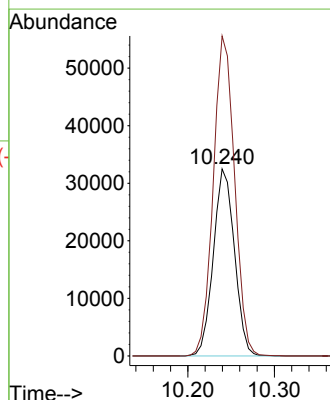
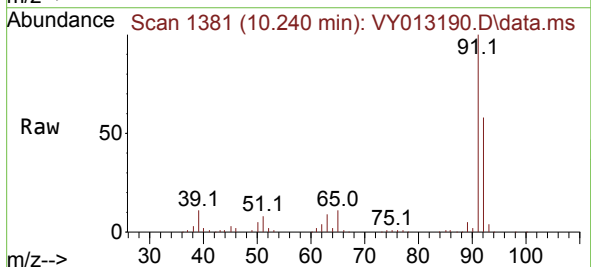
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

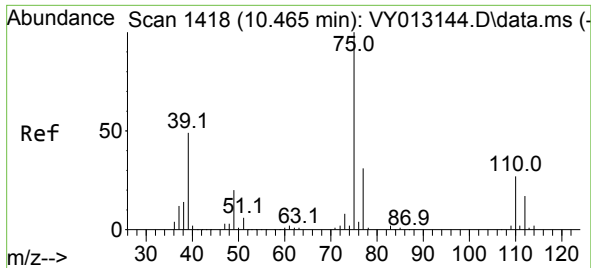
Tgt Ion: 43 Resp: 108220
Ion Ratio Lower Upper
43 100
58 34.7 29.8 44.6



#52
Toluene
Concen: 20.753 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 92 Resp: 54979
Ion Ratio Lower Upper
92 100
91 172.8 141.3 211.9

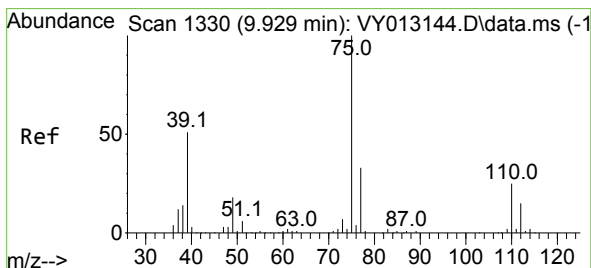
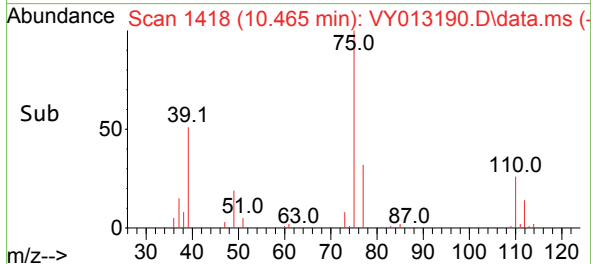
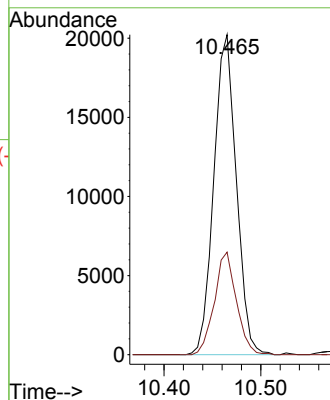
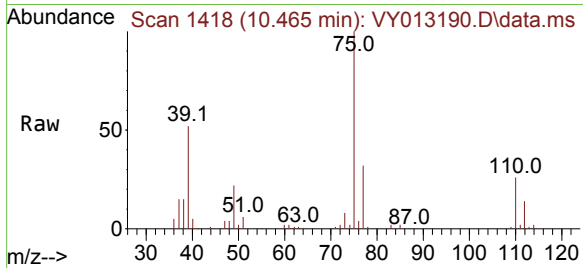




#53
 t-1,3-Dichloropropene
 Concen: 21.507 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

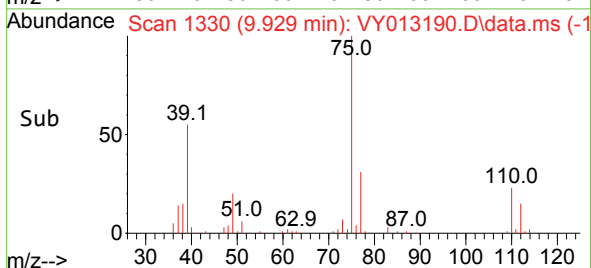
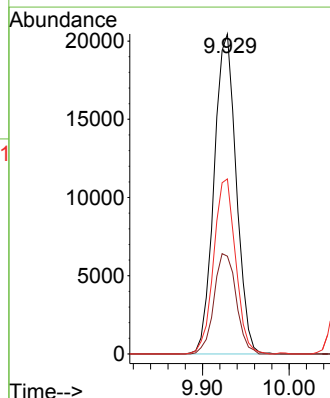
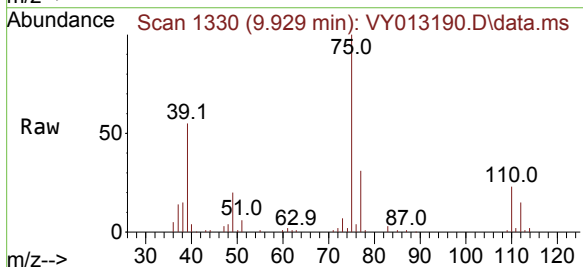
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

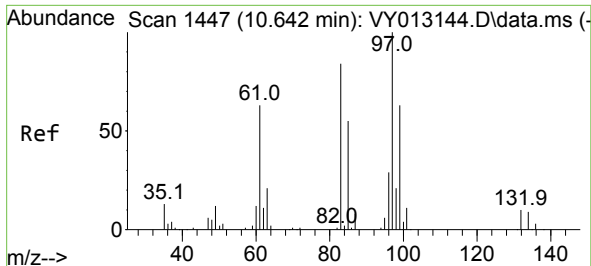
Tgt Ion: 75 Resp: 32586
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.992 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

Tgt Ion: 75 Resp: 36326
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 54.7 39.0 58.4

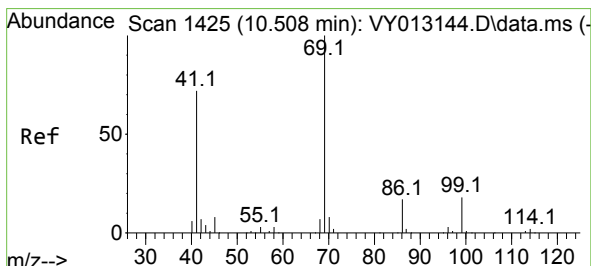
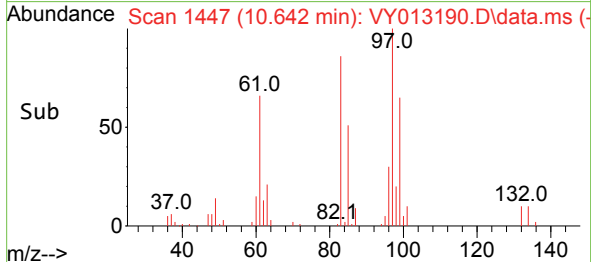
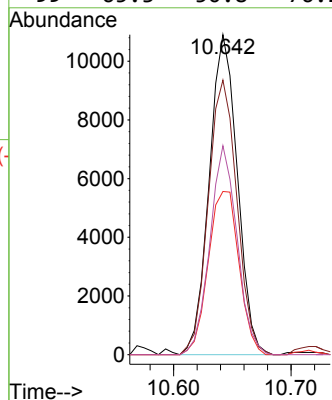
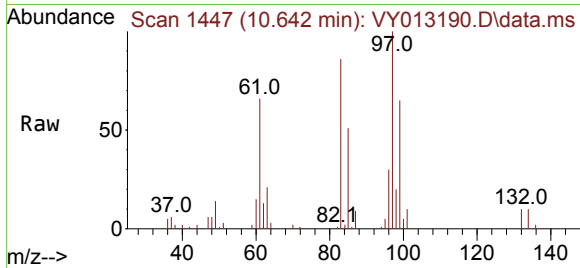




#55
1,1,2-Trichloroethane
Concen: 21.366 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

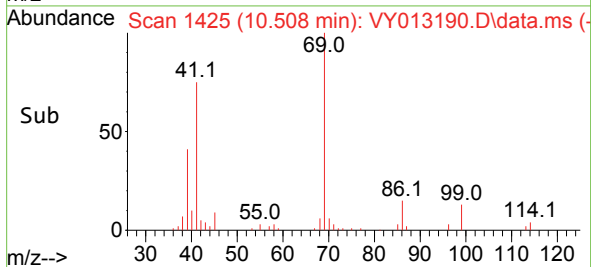
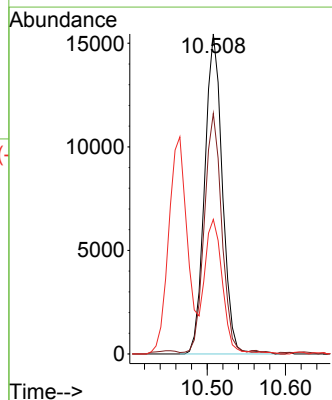
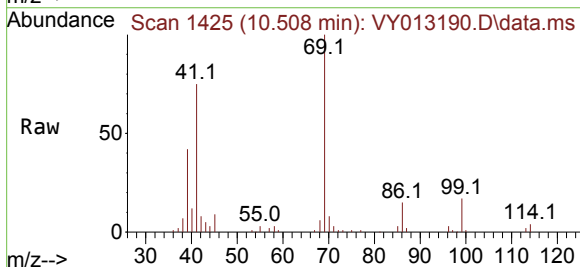
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

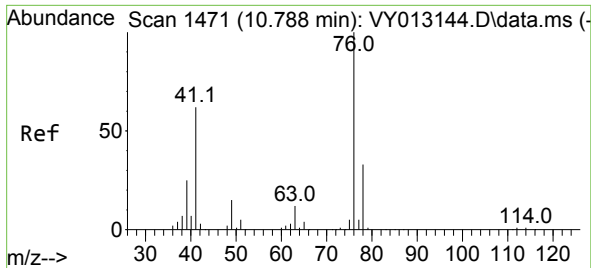
Tgt Ion: 97	Resp: 18144
Ion Ratio	Lower Upper
97 100	
83 85.8	69.0 103.6
85 51.0	44.9 67.3
99 65.3	50.8 76.2



#56
Ethyl methacrylate
Concen: 22.679 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 69	Resp: 24215
Ion Ratio	Lower Upper
69 100	
41 72.9	56.4 84.6
39 41.4	30.8 46.2

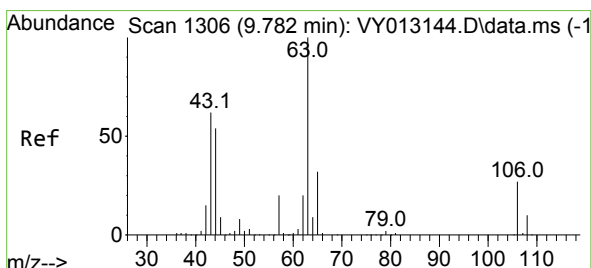
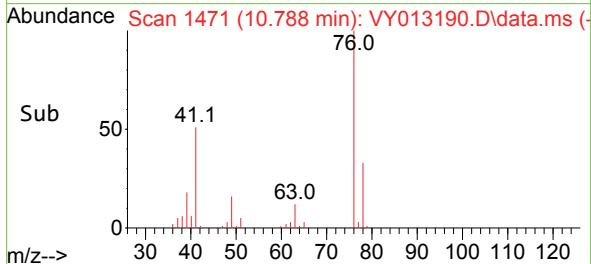
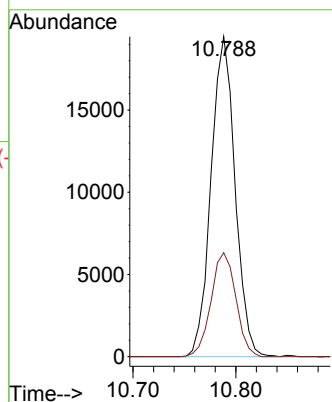
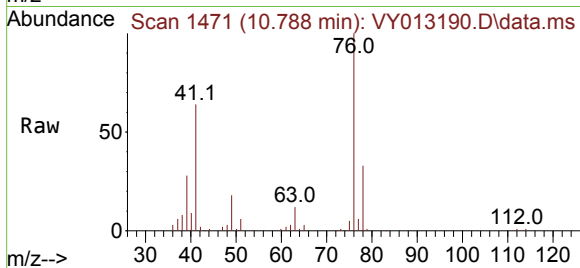




#57
1,3-Dichloropropane
Concen: 22.013 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

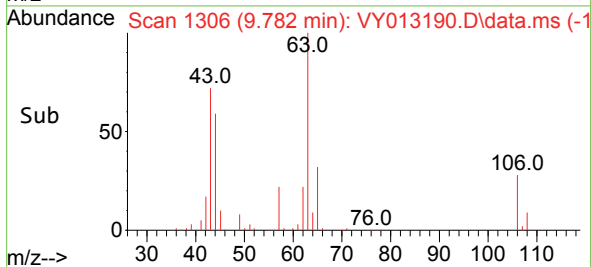
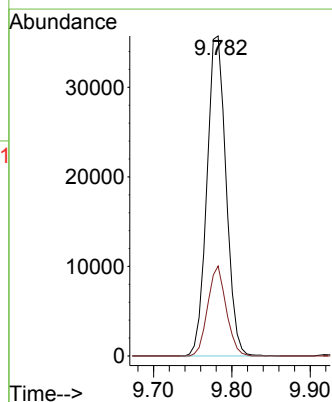
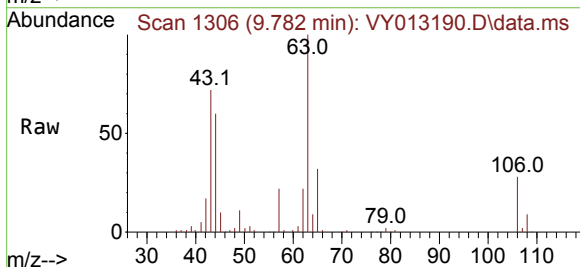
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

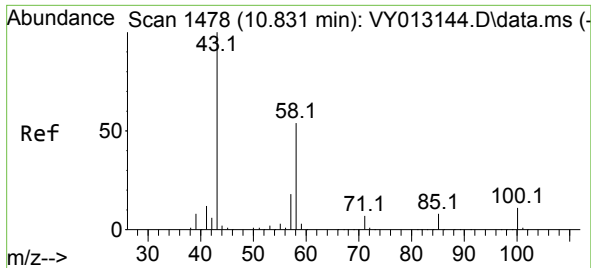
Tgt Ion: 76 Resp: 31558
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 121.475 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 63 Resp: 60646
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1

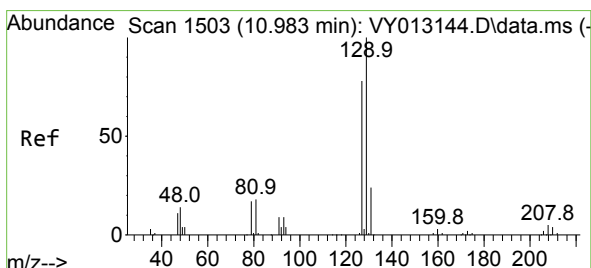
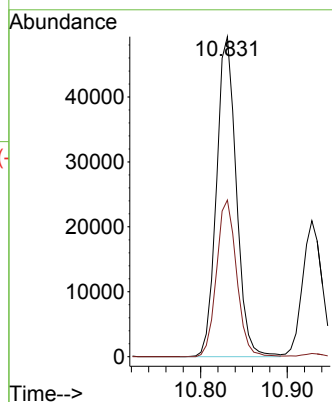
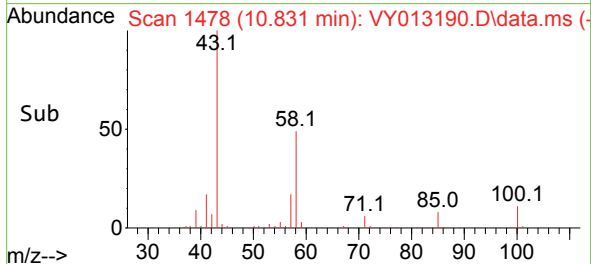
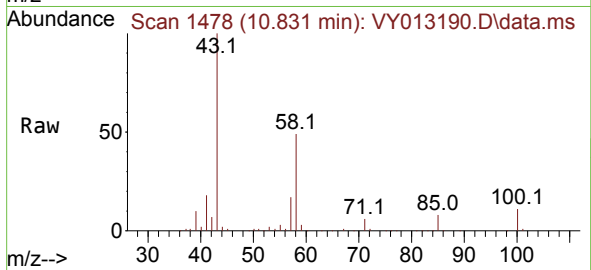




#59
2-Hexanone
Concen: 133.356 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

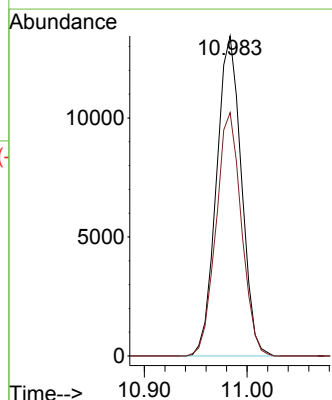
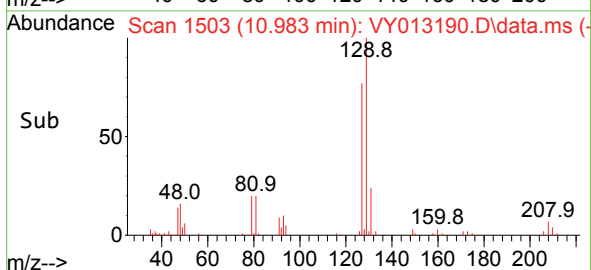
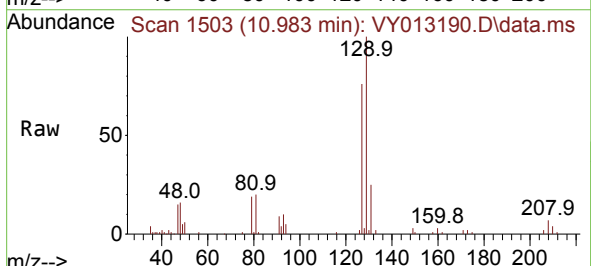
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

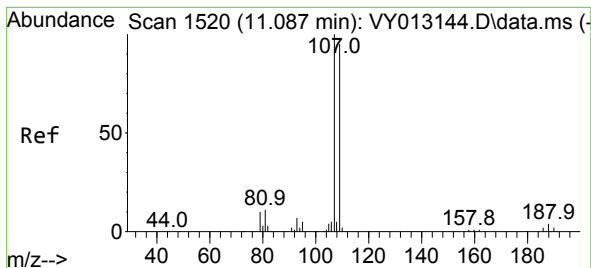
Tgt Ion: 43 Resp: 78261
Ion Ratio Lower Upper
43 100
58 49.7 25.9 77.8



#60
Dibromochloromethane
Concen: 21.232 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:129 Resp: 22646
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.645 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

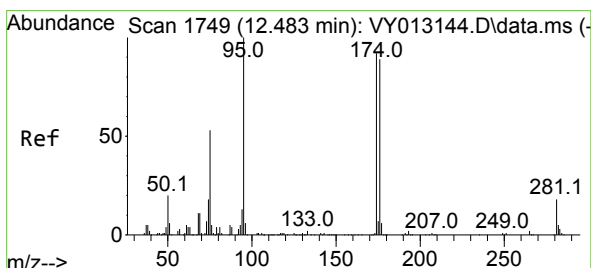
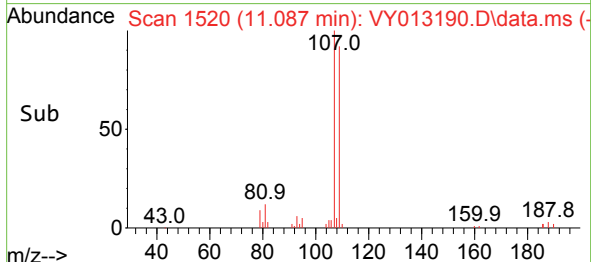
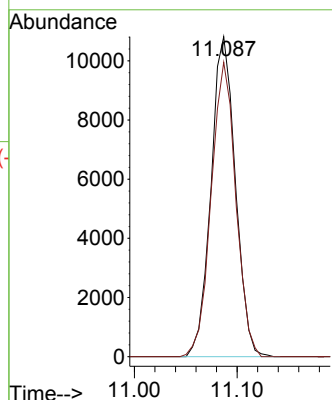
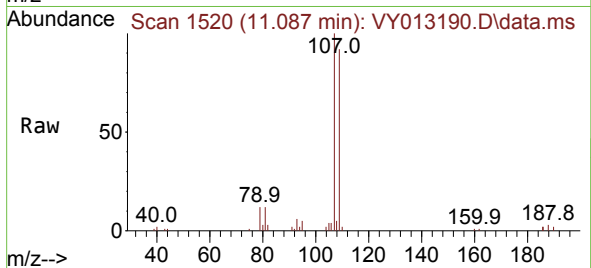
VY0404SBS01

Tgt Ion:107 Resp: 17810

Ion Ratio Lower Upper

107 100

109 92.9 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 53.721 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

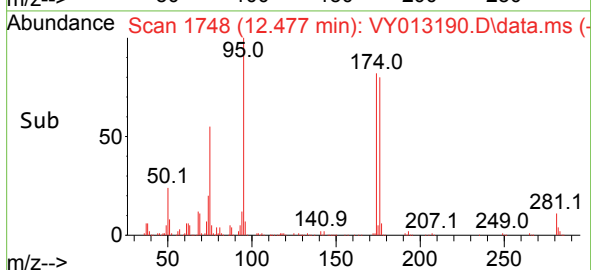
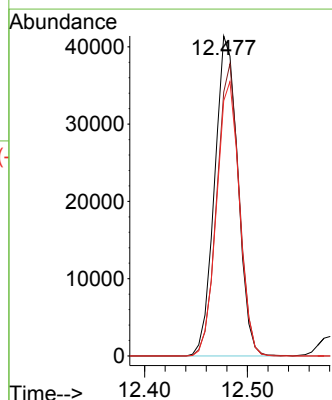
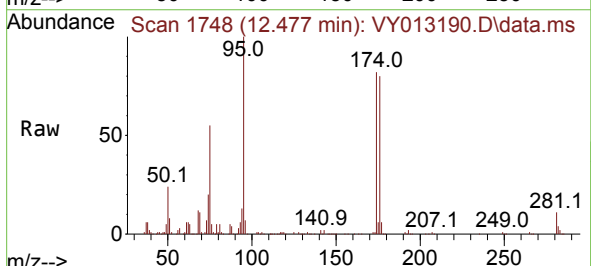
Tgt Ion: 95 Resp: 64840

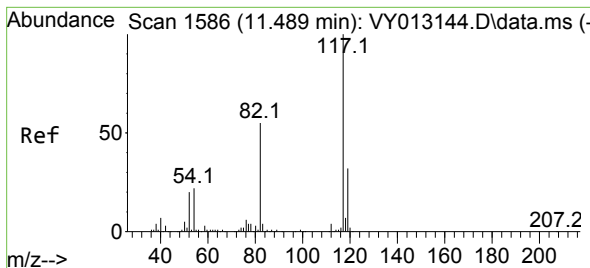
Ion Ratio Lower Upper

95 100

174 88.1 0.0 176.6

176 84.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

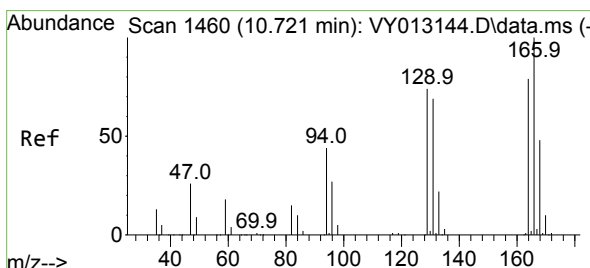
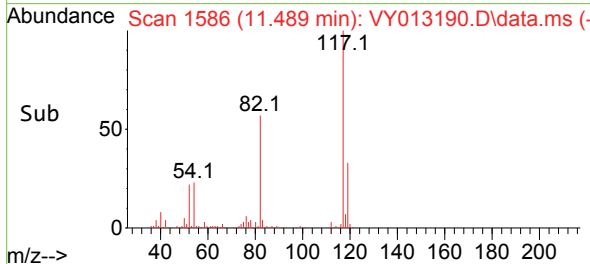
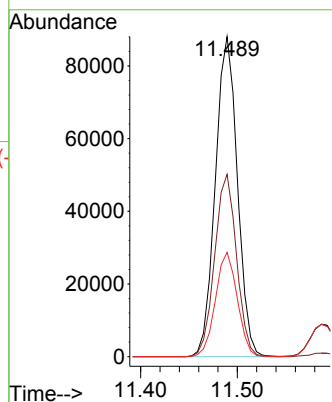
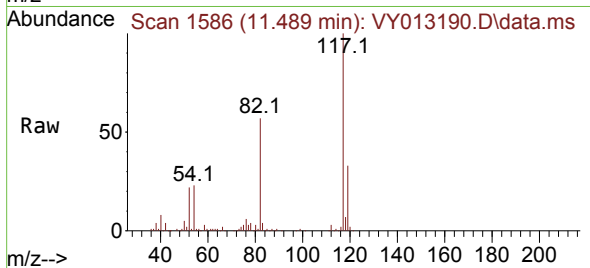
Tgt Ion:117 Resp: 139329

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 19.636 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Tgt Ion:164 Resp: 21033

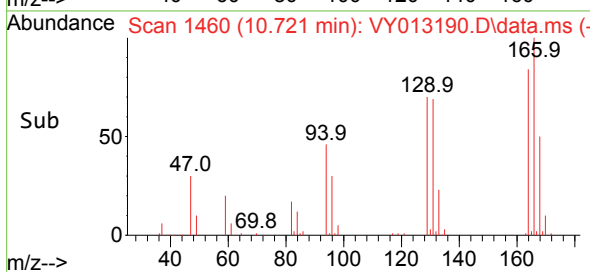
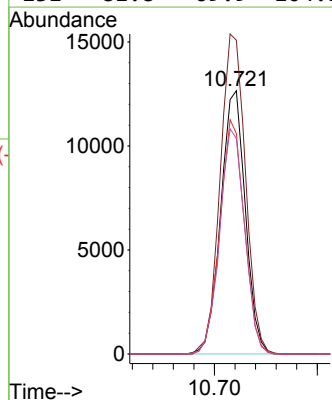
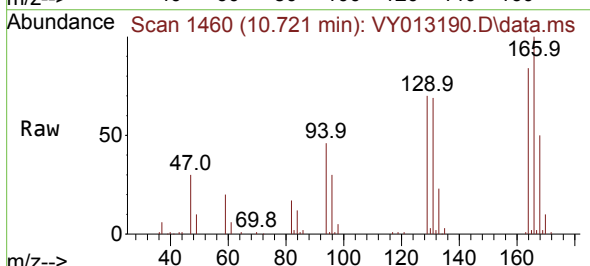
Ion Ratio Lower Upper

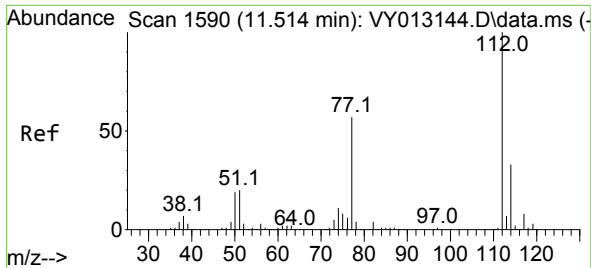
164 100

166 119.3 103.4 155.2

129 83.8 71.4 107.2

131 81.8 69.9 104.9

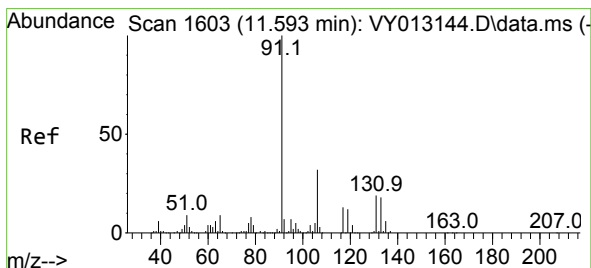
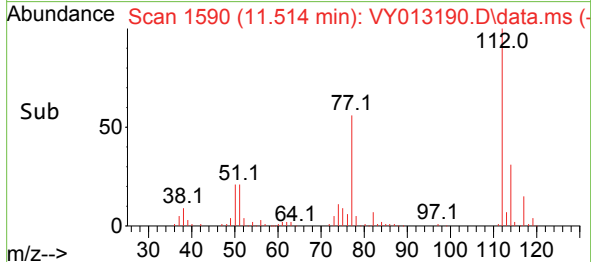
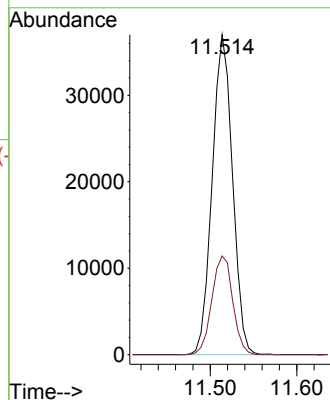
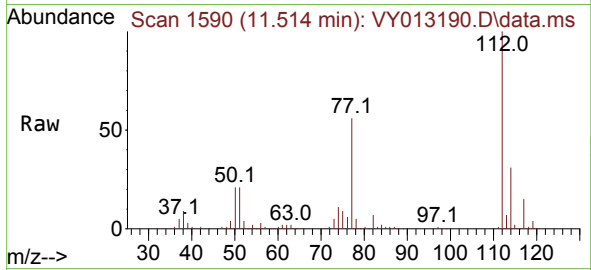




#65
Chlorobenzene
Concen: 20.378 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

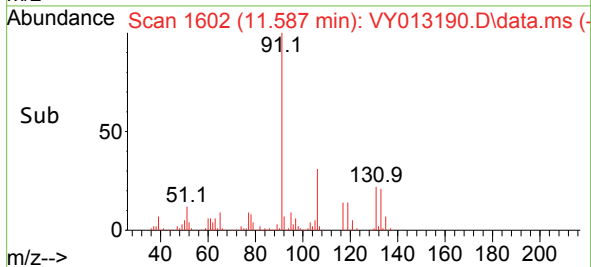
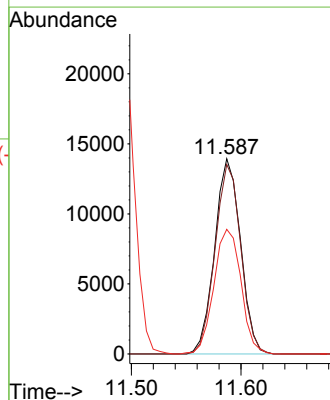
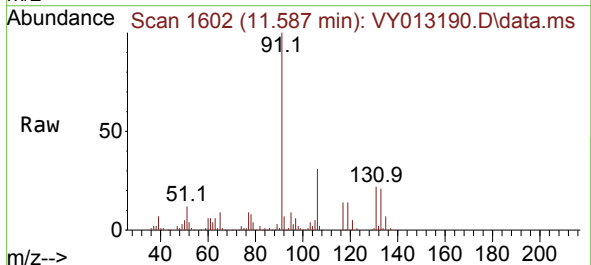
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

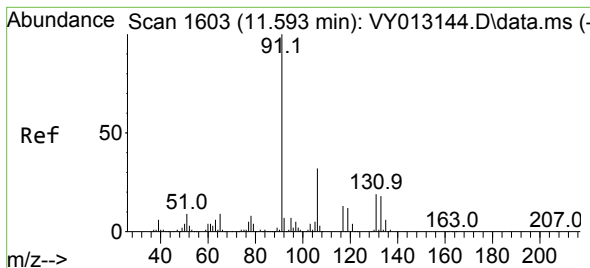
Tgt Ion:112 Resp: 60275
Ion Ratio Lower Upper
112 100
114 30.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.654 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:131 Resp: 22903
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 66.8 32.6 98.0





#67

Ethyl Benzene

Concen: 20.163 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

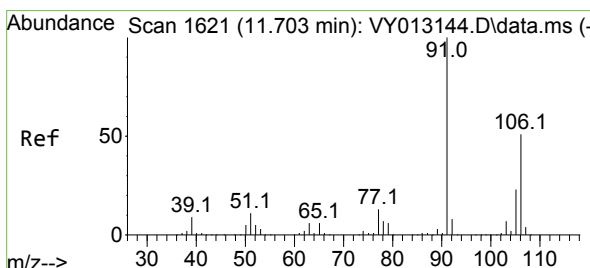
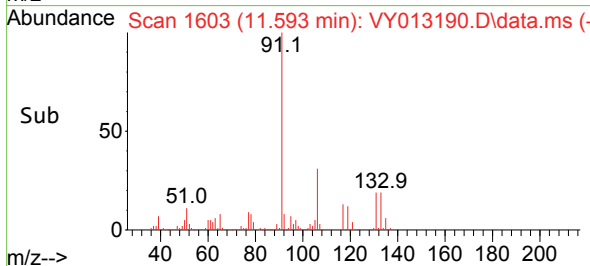
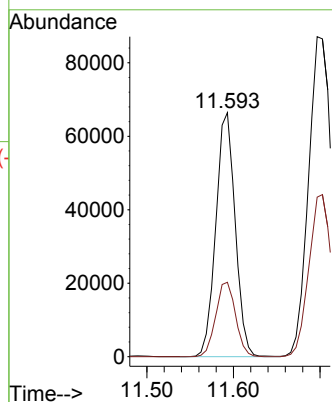
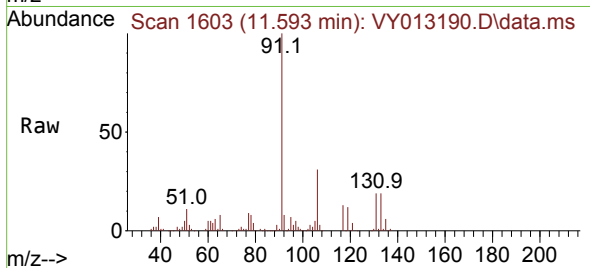
VY0404SBS01

Tgt Ion: 91 Resp: 103003

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 40.984 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013190.D

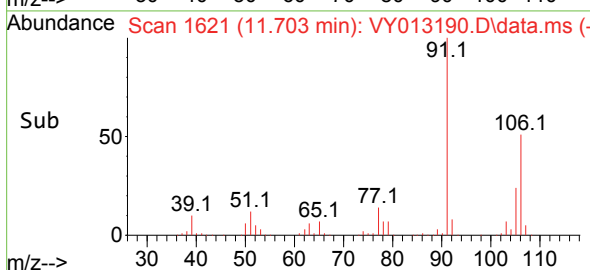
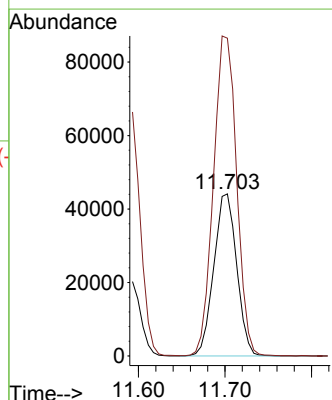
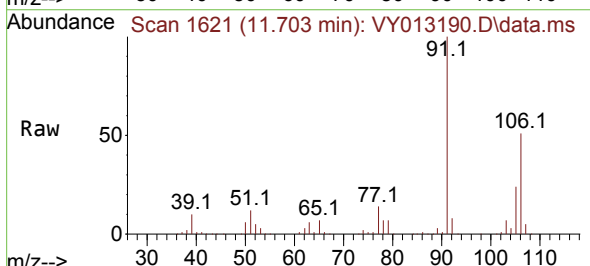
Acq: 04 Apr 2023 15:31

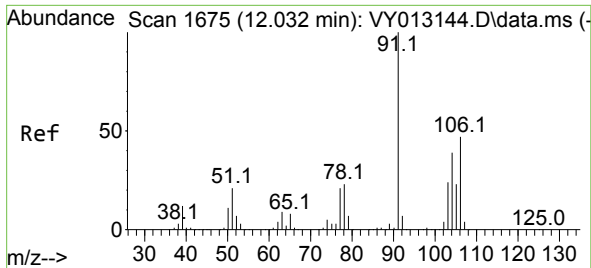
Tgt Ion:106 Resp: 80992

Ion Ratio Lower Upper

106 100

91 200.2 159.8 239.8

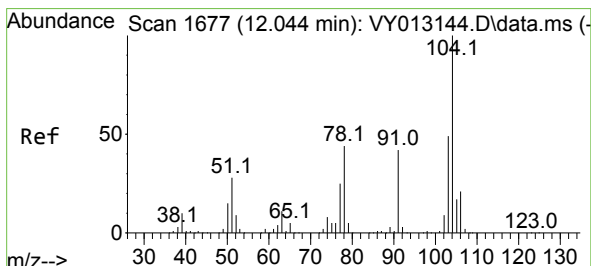
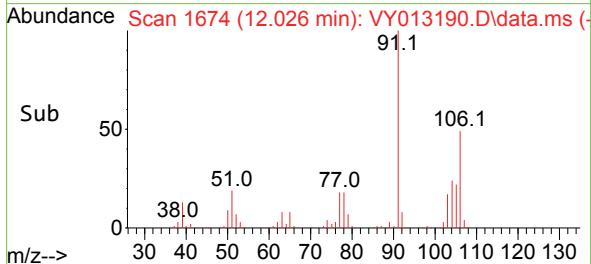
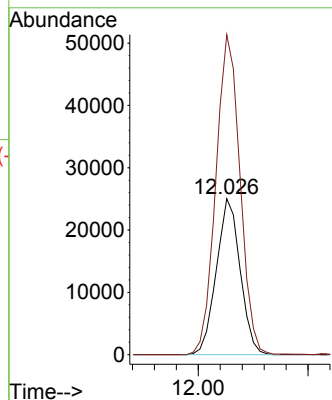
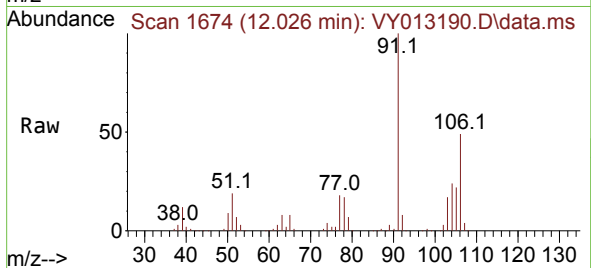




#69
o-Xylene
Concen: 20.592 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

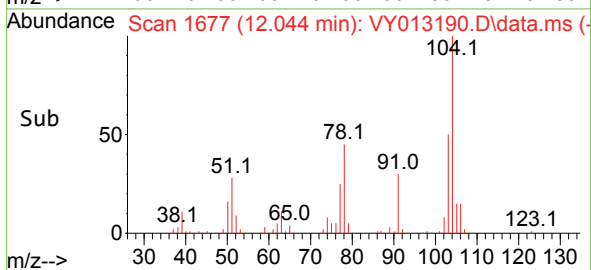
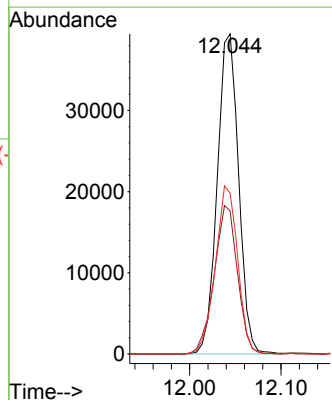
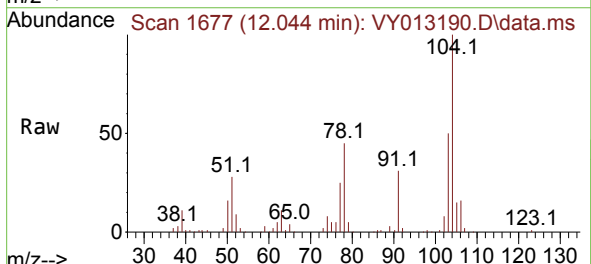
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

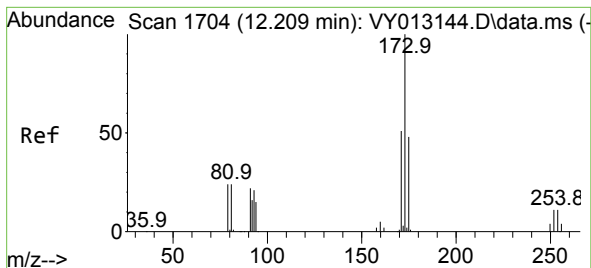
Tgt Ion:106 Resp: 37746
Ion Ratio Lower Upper
106 100
91 209.0 107.2 321.6



#70
Styrene
Concen: 20.917 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion:104 Resp: 64139
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 21.271 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

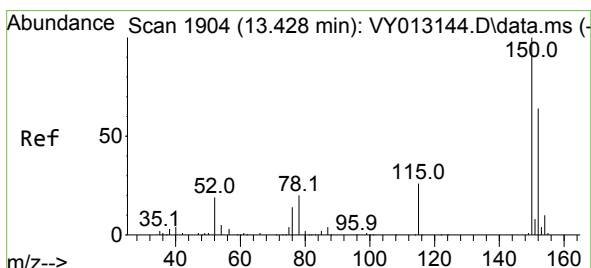
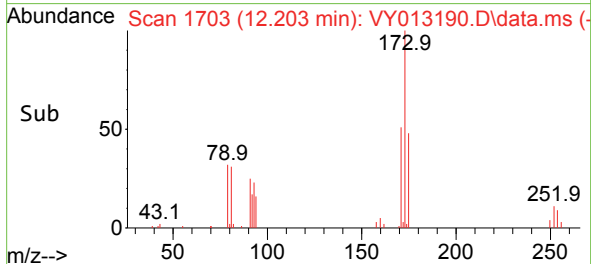
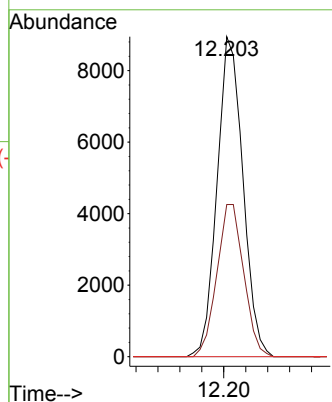
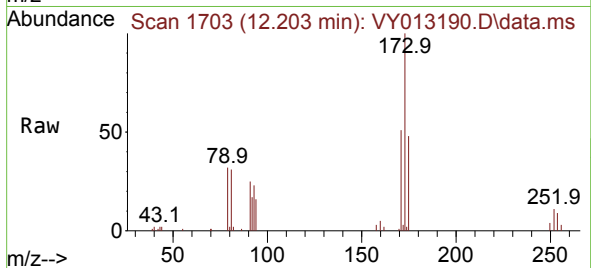
Tgt Ion:173 Resp: 14626

Ion Ratio Lower Upper

173 100

175 49.5 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

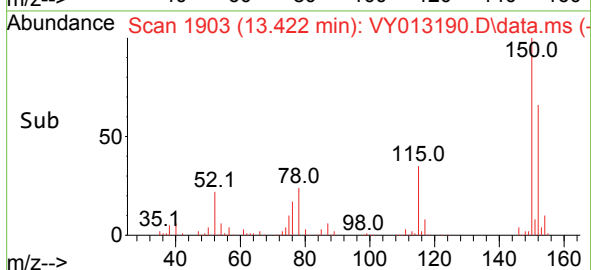
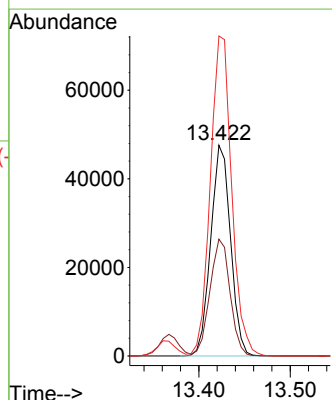
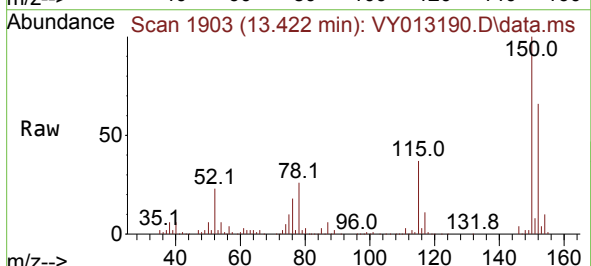
Tgt Ion:152 Resp: 71646

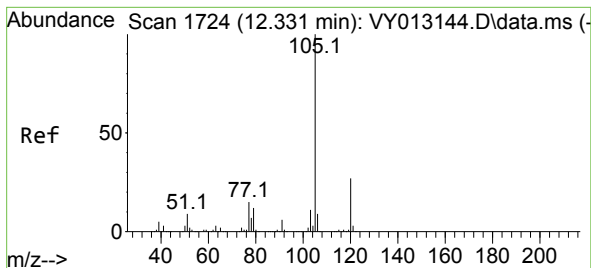
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 163.2 0.0 347.8





#73

Isopropylbenzene

Concen: 19.993 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

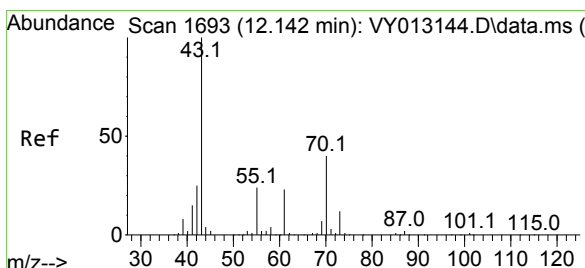
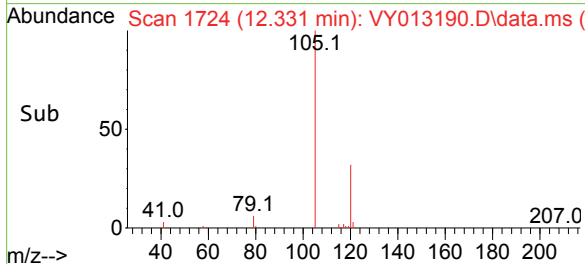
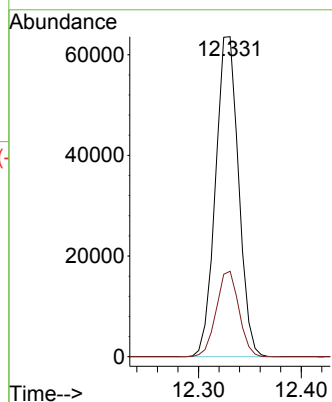
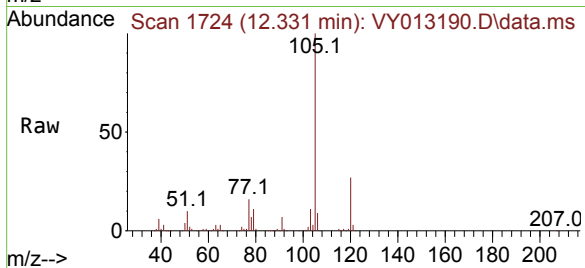
VY0404SBS01

Tgt Ion:105 Resp: 98875

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#74

N-ethyl acetate

Concen: 24.182 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Tgt Ion: 43 Resp: 32836

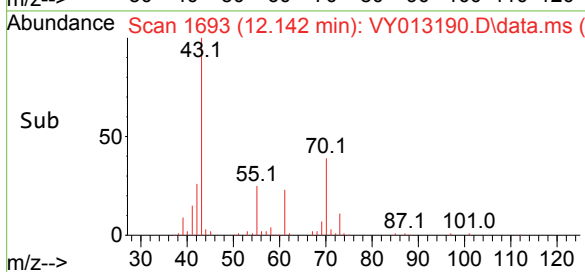
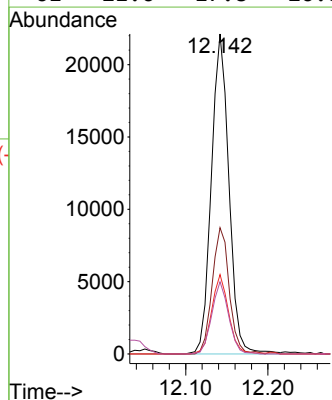
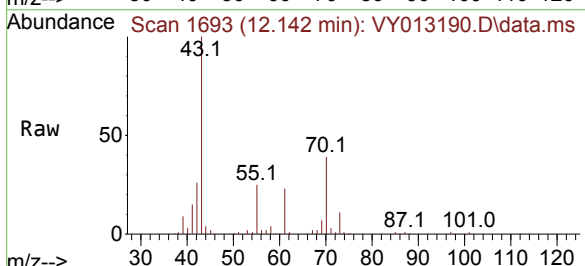
Ion Ratio Lower Upper

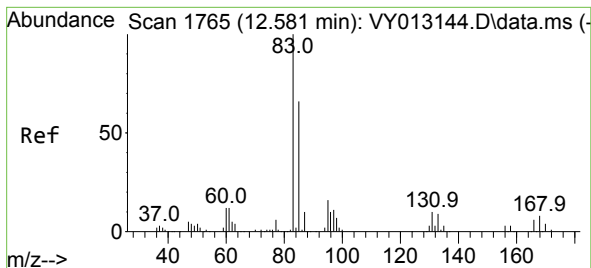
43 100

70 38.3 31.6 47.4

55 24.0 18.8 28.2

61 21.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.290 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

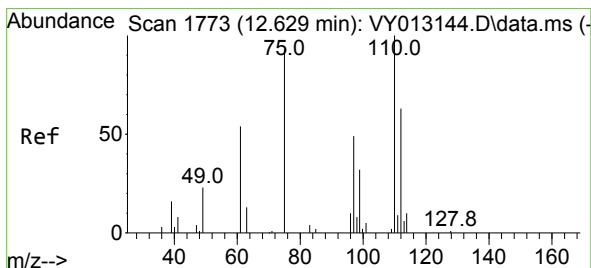
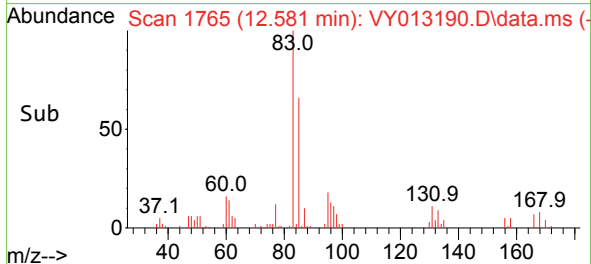
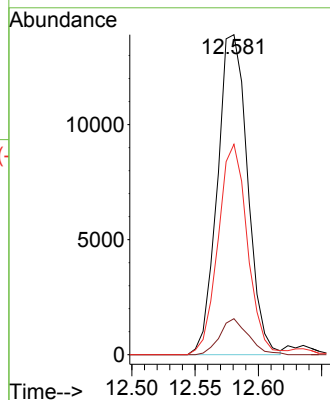
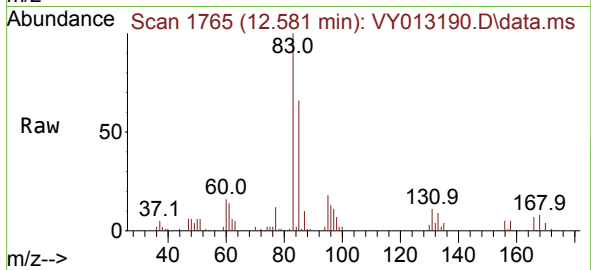
Tgt Ion: 83 Resp: 23091

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 38.331 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013190.D

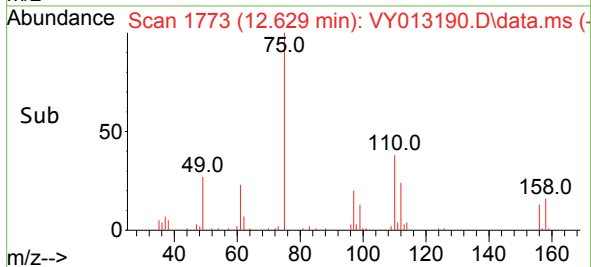
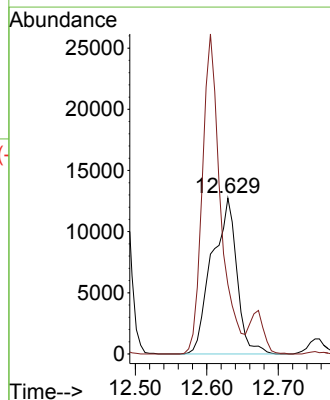
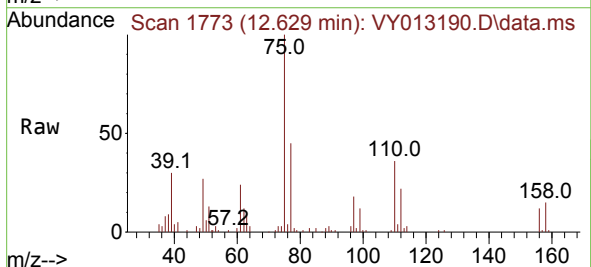
Acq: 04 Apr 2023 15:31

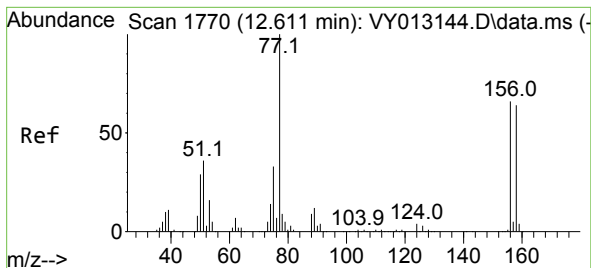
Tgt Ion: 75 Resp: 30851

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.186 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

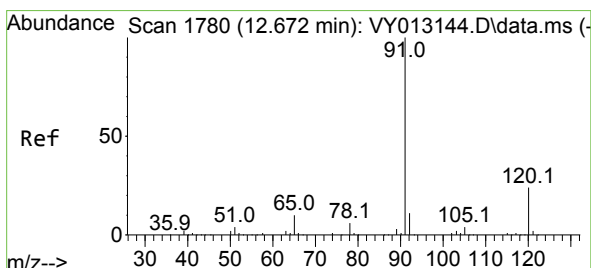
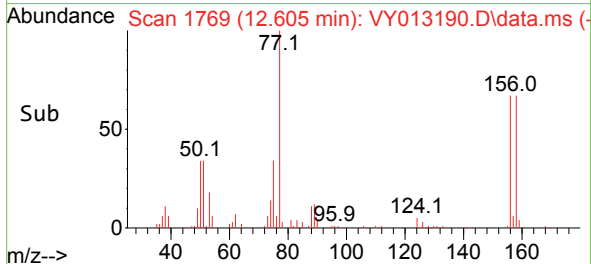
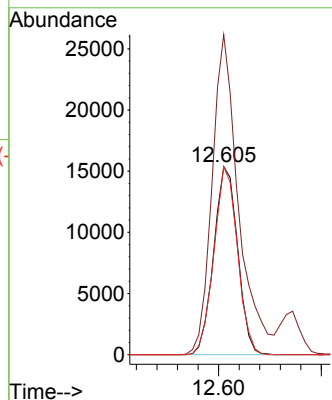
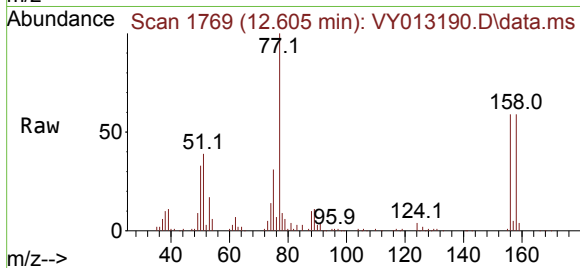
Tgt Ion:156 Resp: 24820

Ion Ratio Lower Upper

156 100

77 188.1 94.0 282.1

158 98.2 48.1 144.4



#78

n-propylbenzene

Concen: 20.459 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013190.D

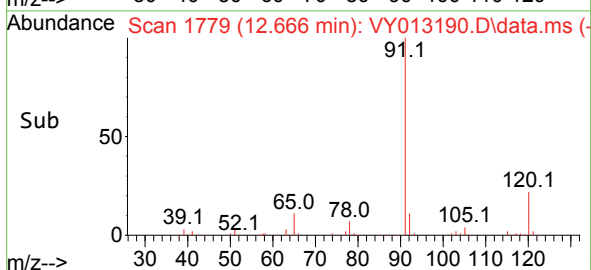
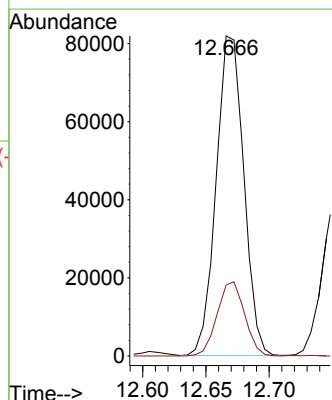
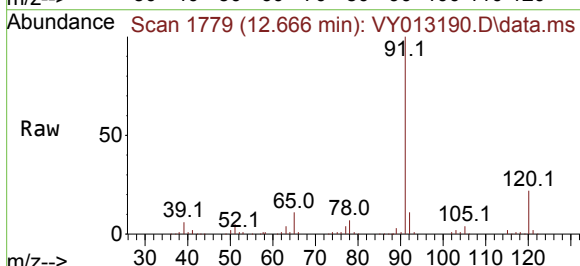
Acq: 04 Apr 2023 15:31

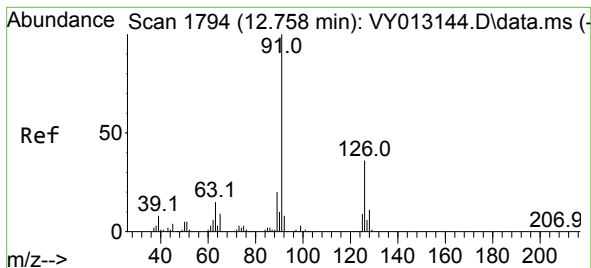
Tgt Ion: 91 Resp: 124407

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.250 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

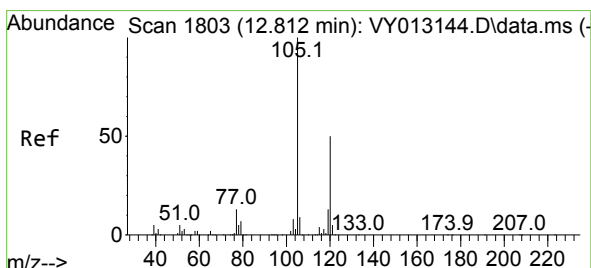
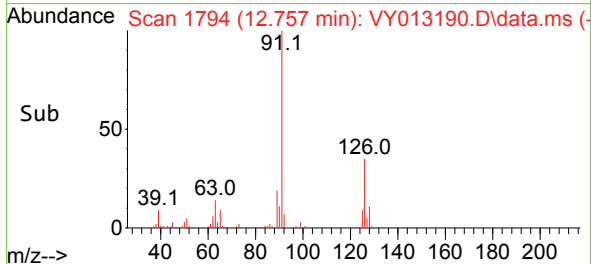
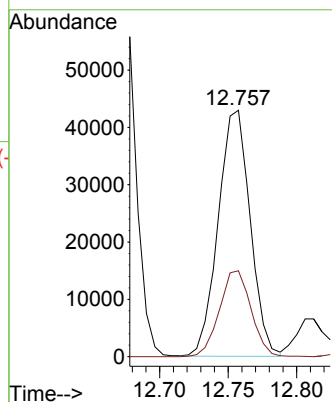
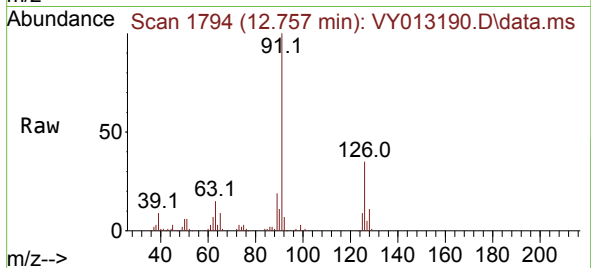
VY0404SBS01

Tgt Ion: 91 Resp: 69873

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.505 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013190.D

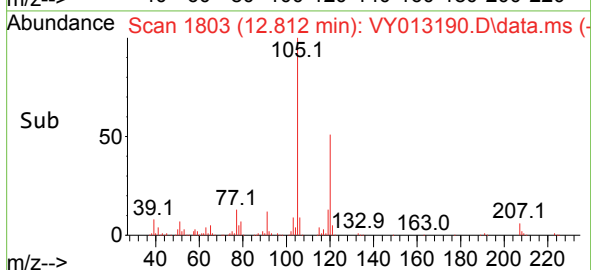
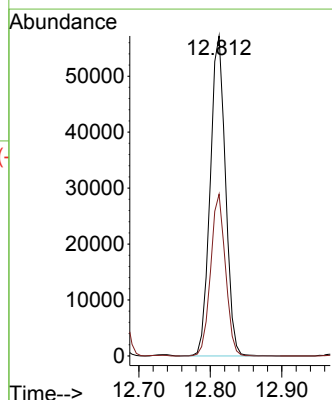
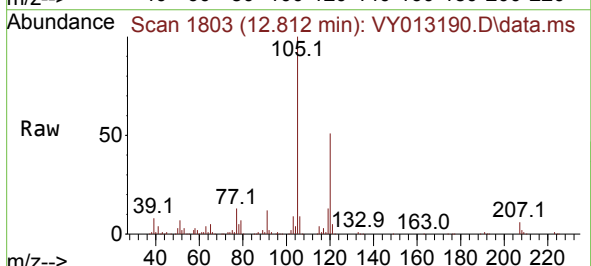
Acq: 04 Apr 2023 15:31

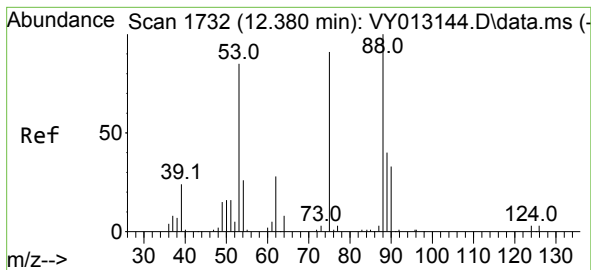
Tgt Ion:105 Resp: 84782

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

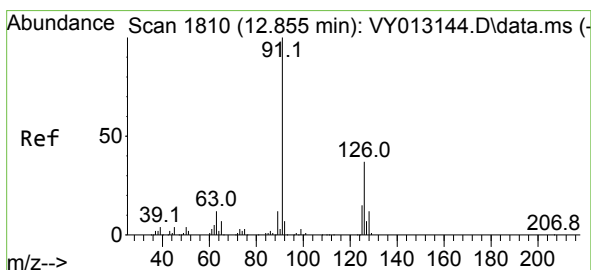
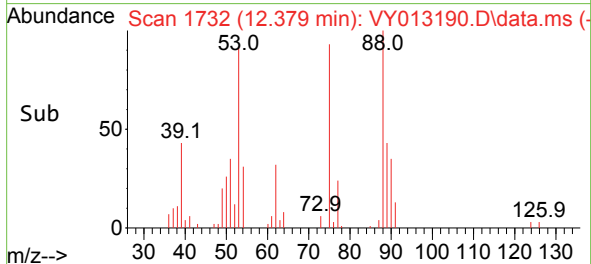
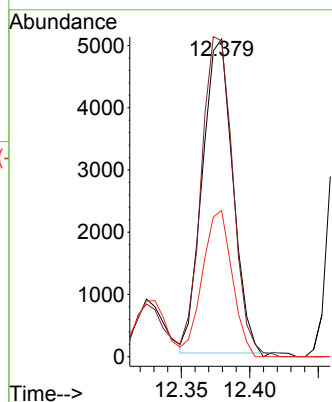
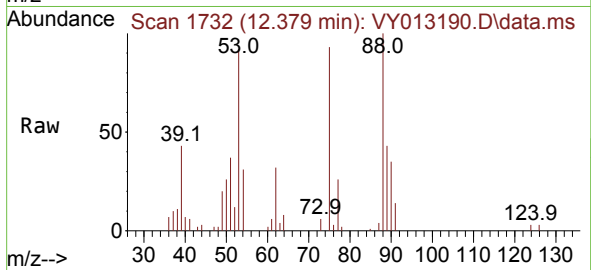




#81
trans-1,4-Dichloro-2-butene
Concen: 21.540 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

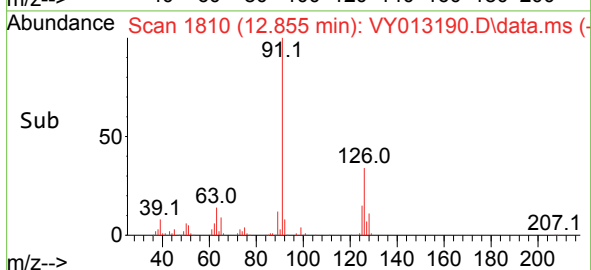
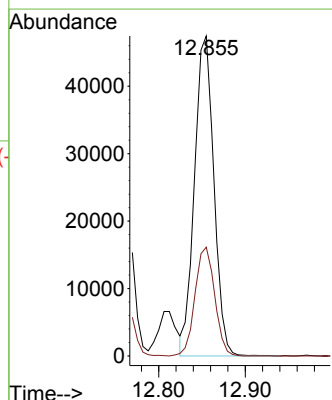
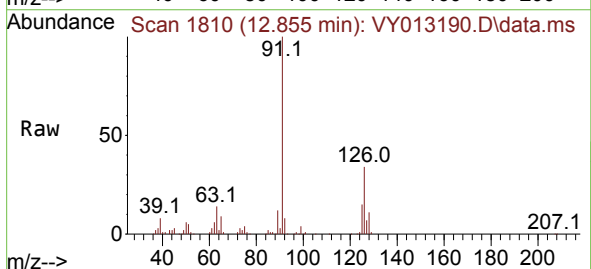
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

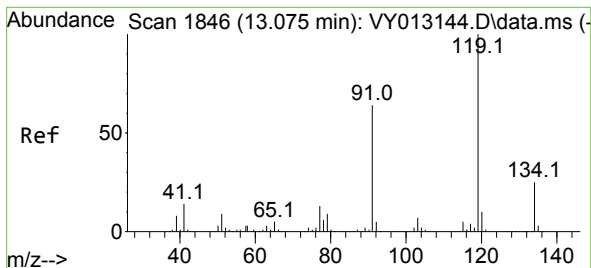
Tgt Ion: 75 Resp: 7774
Ion Ratio Lower Upper
75 100
53 105.9 73.4 110.0
89 45.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.542 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013190.D
Acq: 04 Apr 2023 15:31

Tgt Ion: 91 Resp: 73769
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.381 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

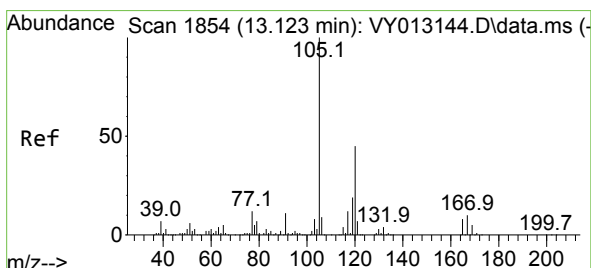
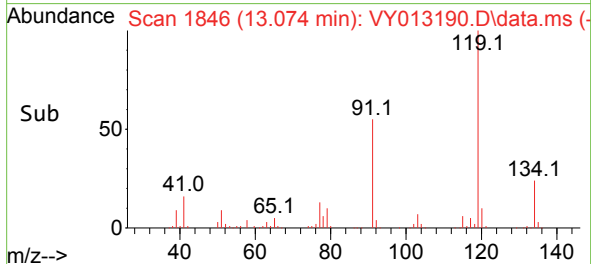
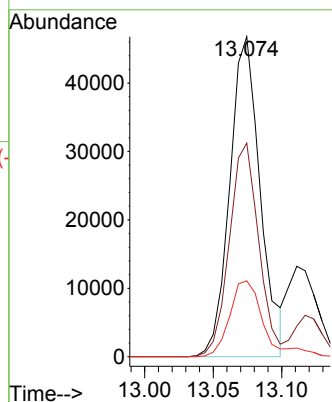
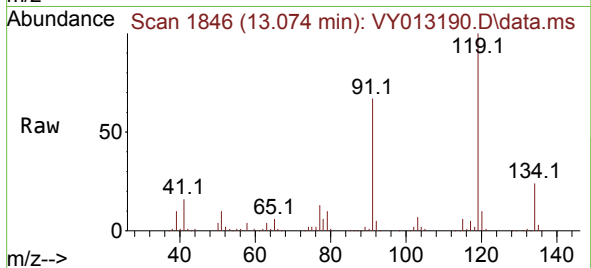
Tgt Ion:119 Resp: 72383

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.3

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.255 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013190.D

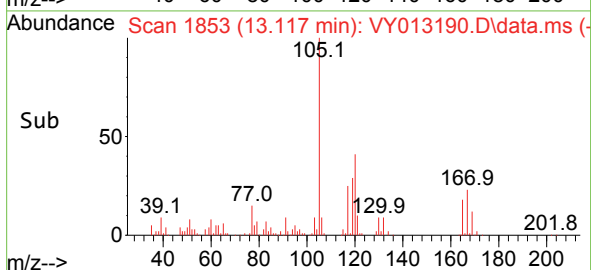
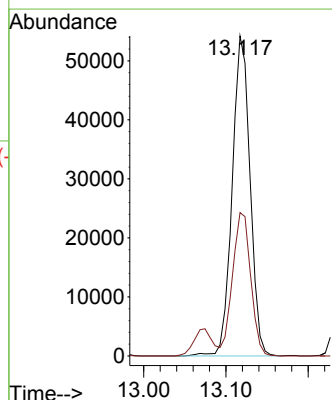
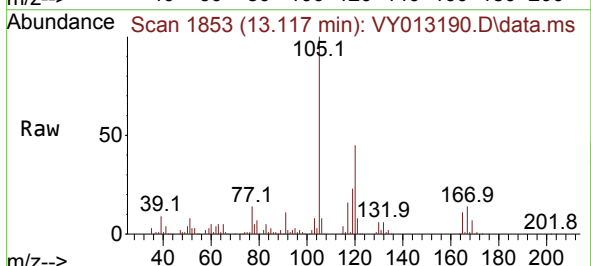
Acq: 04 Apr 2023 15:31

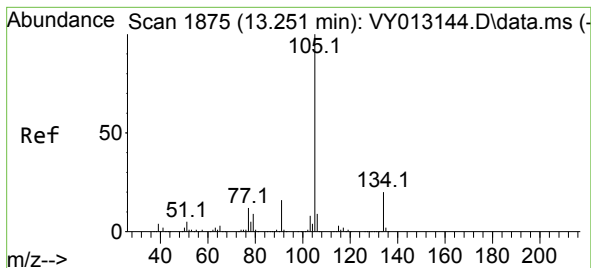
Tgt Ion:105 Resp: 82018

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.068 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

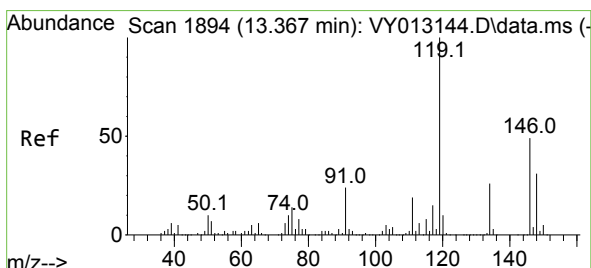
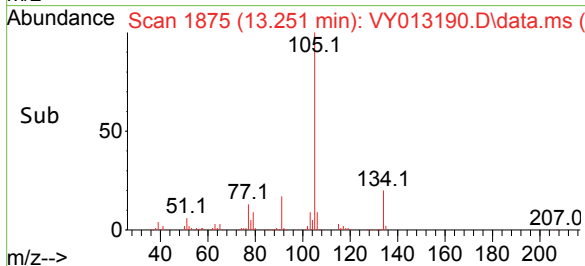
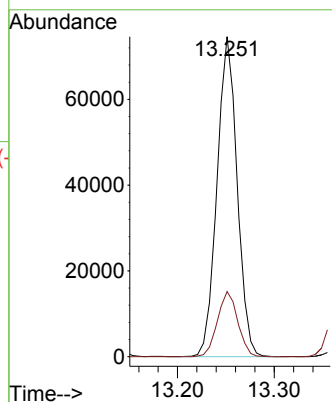
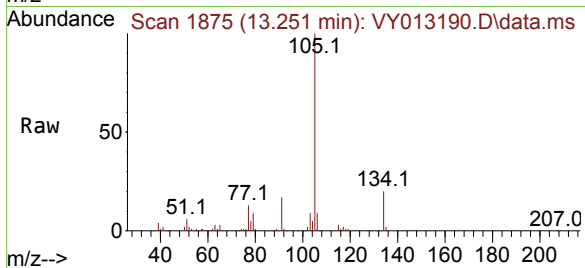
VY0404SBS01

Tgt Ion:105 Resp: 107614

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.588 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

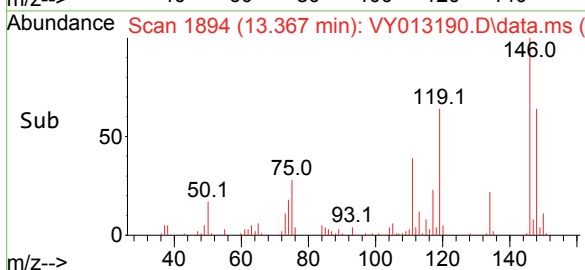
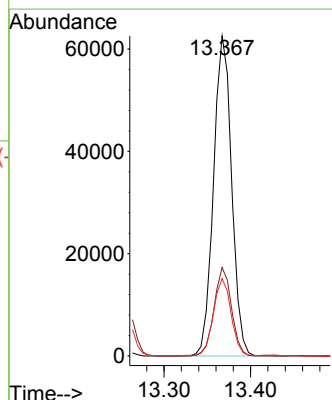
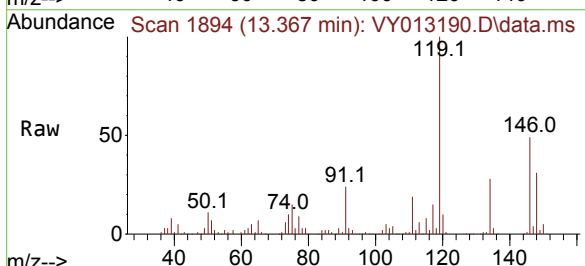
Tgt Ion:119 Resp: 90886

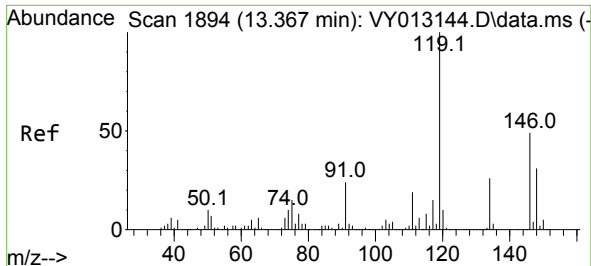
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.074 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

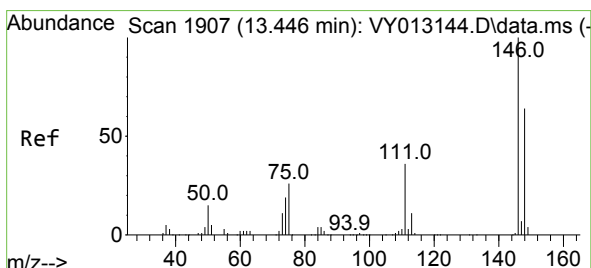
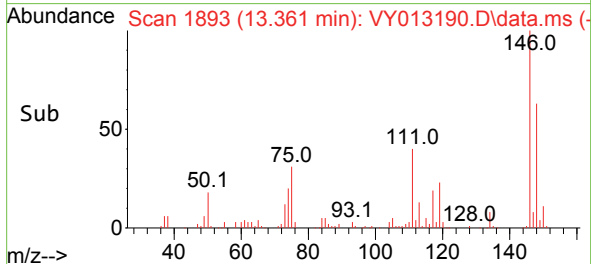
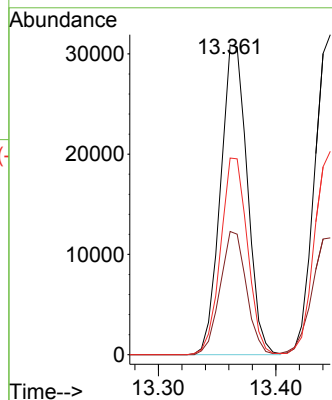
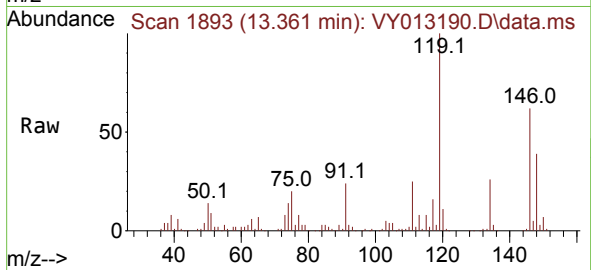
Tgt Ion:146 Resp: 48929

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.065 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

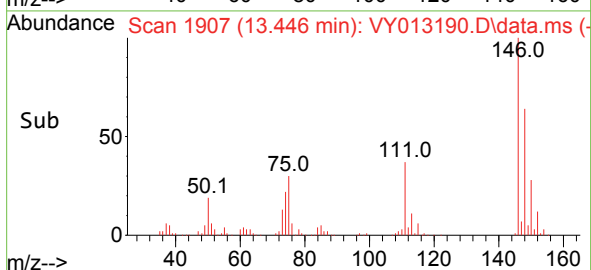
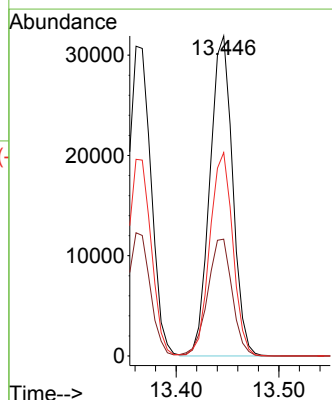
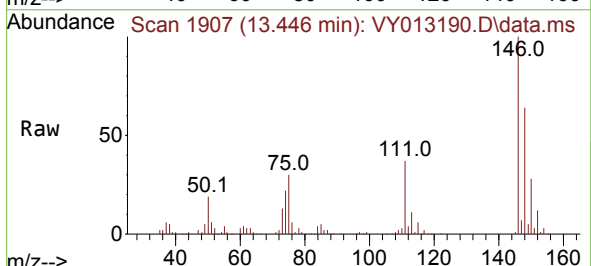
Tgt Ion:146 Resp: 49007

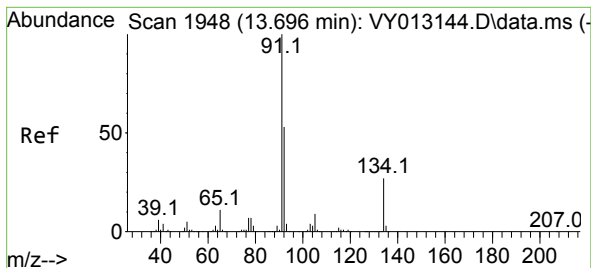
Ion Ratio Lower Upper

146 100

111 39.5 18.6 55.8

148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 20.133 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

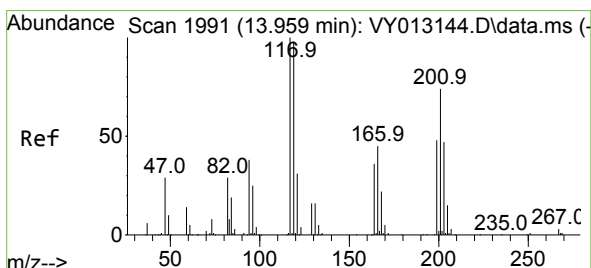
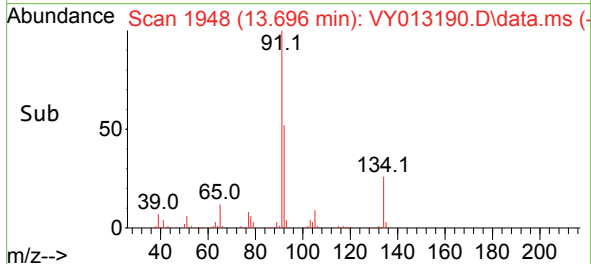
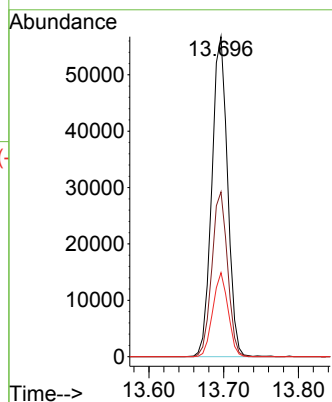
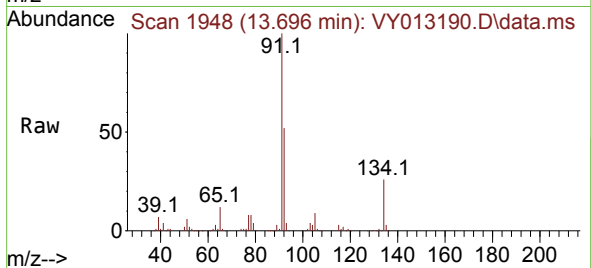
Tgt Ion: 91 Resp: 83086

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.0

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 19.728 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY013190.D

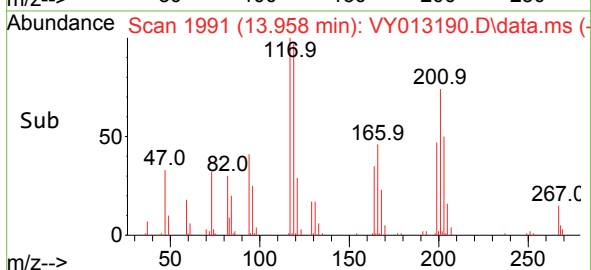
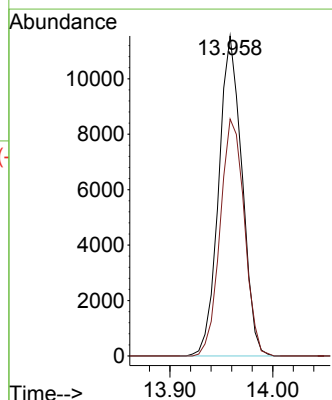
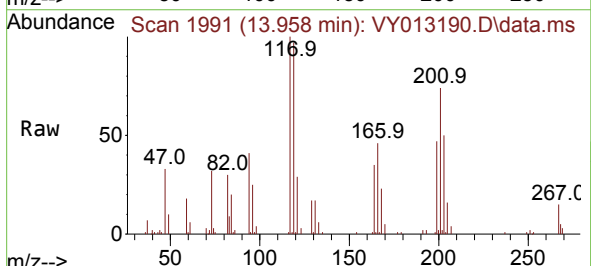
Acq: 04 Apr 2023 15:31

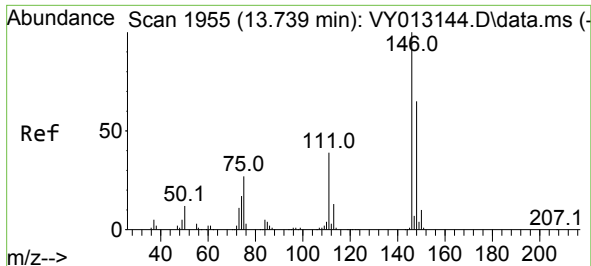
Tgt Ion: 117 Resp: 18142

Ion Ratio Lower Upper

117 100

201 76.9 39.4 118.1

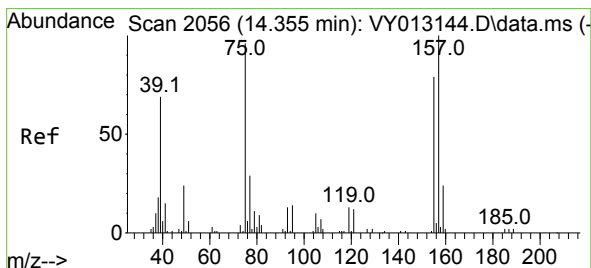
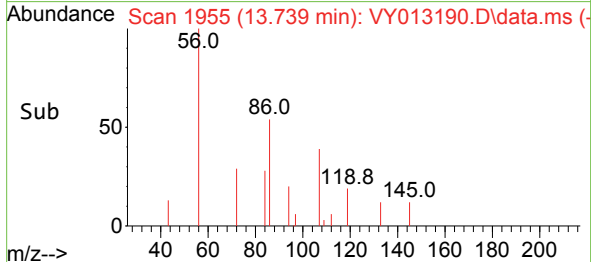
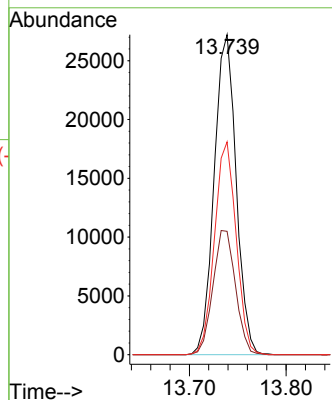
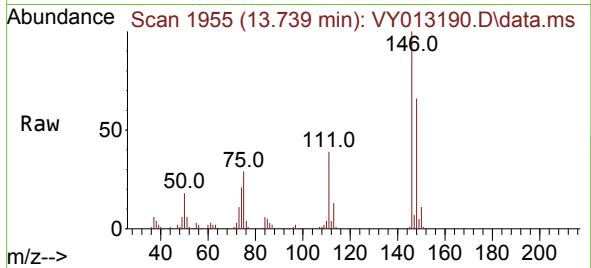




#91
 1,2-Dichlorobenzene
 Concen: 19.716 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

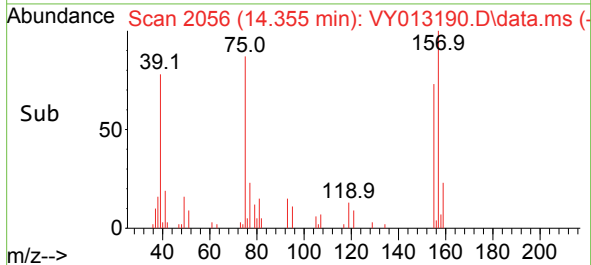
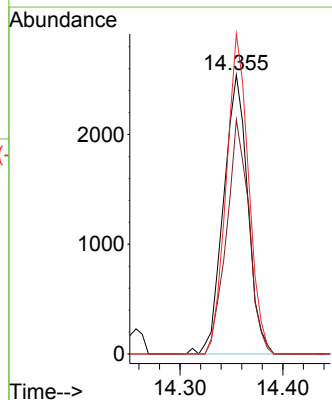
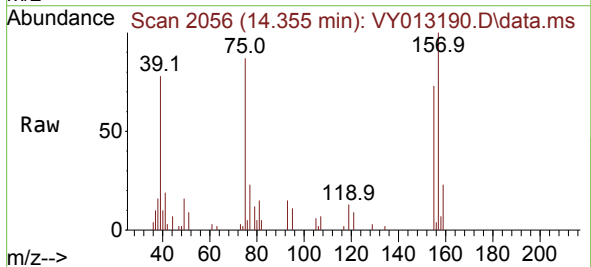
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

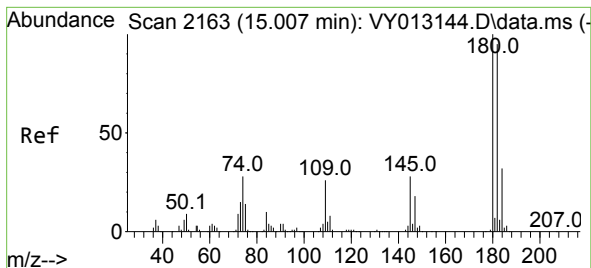
Tgt Ion:	146	Resp:	42917
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.7	59.1
148	65.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.080 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013190.D
 Acq: 04 Apr 2023 15:31

Tgt Ion:	75	Resp:	4151
Ion Ratio	Lower	Upper	
75	100		
155	78.0	43.8	131.4
157	106.0	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.374 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

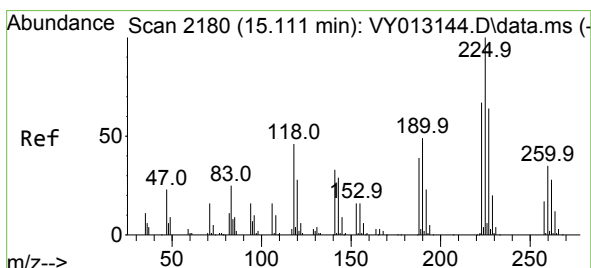
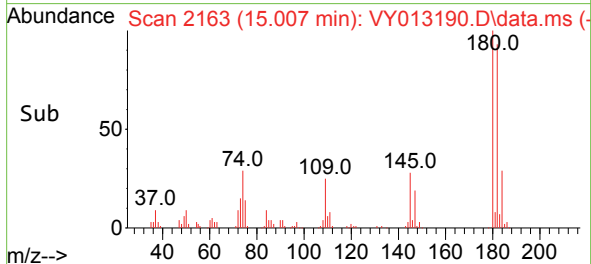
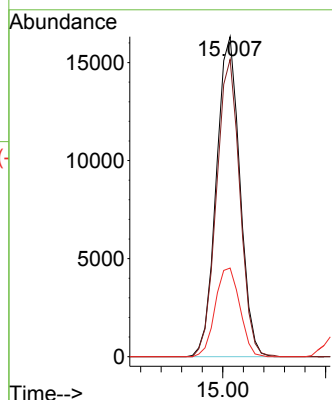
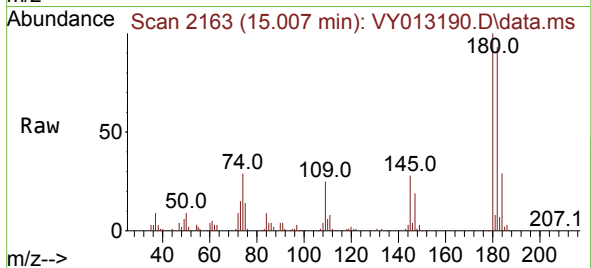
Tgt Ion:180 Resp: 25863

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.388 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

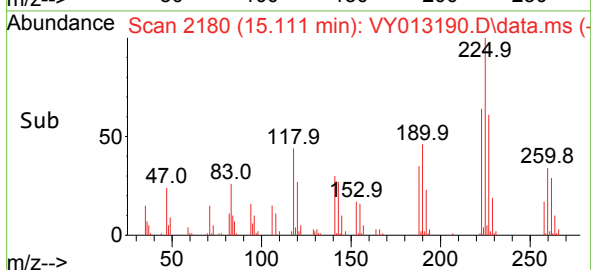
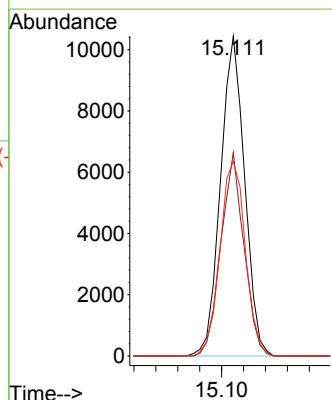
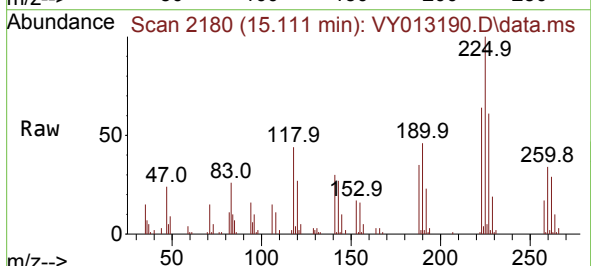
Tgt Ion:225 Resp: 15917

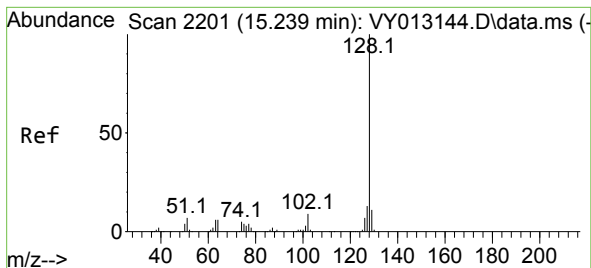
Ion Ratio Lower Upper

225 100

223 61.0 31.1 93.3

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 20.407 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

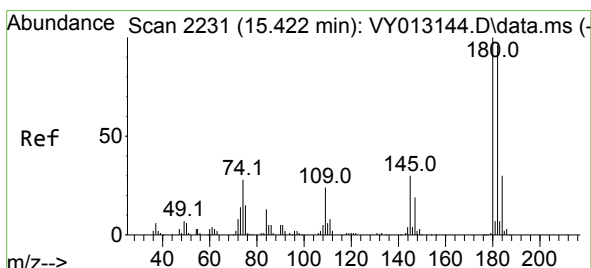
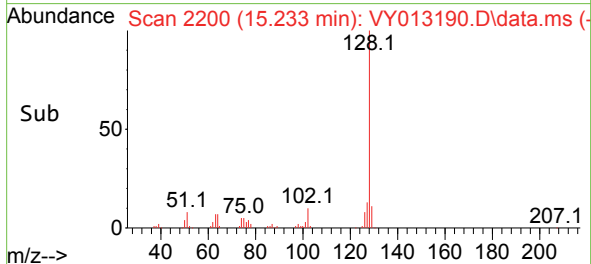
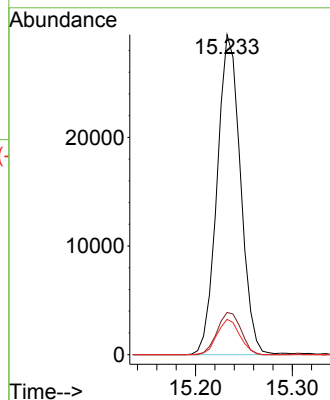
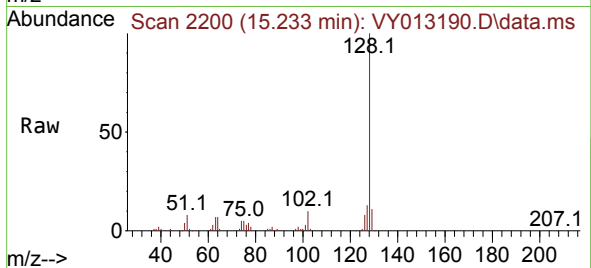
Tgt Ion:128 Resp: 49370

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.324 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013190.D

Acq: 04 Apr 2023 15:31

Tgt Ion:180 Resp: 22730

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.8 15.3 45.8

