

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012862.D
 Acq On : 08 Mar 2023 11:46
 Operator : KP/MD
 Sample : VY0308SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

Quant Time: Mar 09 00:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45455	44.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.180%
35) Dibromofluoromethane	7.716	113	44499	47.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.420%
50) Toluene-d8	10.179	98	157284	46.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.483	95	55147	47.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	21556	21.300	ug/l	96
3) Chloromethane	2.113	50	23984	19.824	ug/l	98
4) Vinyl Chloride	2.254	62	23396	21.089	ug/l	99
5) Bromomethane	2.644	94	14662	21.750	ug/l	93
6) Chloroethane	2.790	64	14571	21.931	ug/l	98
7) Trichlorofluoromethane	3.125	101	39550	21.464	ug/l	95
8) Diethyl Ether	3.528	74	12754	19.752	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.900	101	23337	21.051	ug/l	98
10) Methyl Iodide	4.089	142	28287	19.583	ug/l	98
11) Tert butyl alcohol	4.948	59	14700	114.461	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	22410	21.196	ug/l	95
13) Acrolein	3.729	56	16630	93.113	ug/l	97
14) Allyl chloride	4.479	41	36241	18.556	ug/l	95
15) Acrylonitrile	5.162	53	34732	102.085	ug/l	99
16) Acetone	3.948	43	39044	97.579	ug/l	99
17) Carbon Disulfide	4.192	76	73406	20.397	ug/l	99
18) Methyl Acetate	4.473	43	22973	19.280	ug/l	99
19) Methyl tert-butyl Ether	5.223	73	55222	20.221	ug/l	99
20) Methylene Chloride	4.716	84	29761	21.289	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	23328	20.303	ug/l	95
22) Diisopropyl ether	6.119	45	70174	19.782	ug/l	94
23) Vinyl Acetate	6.064	43	216084	98.038	ug/l	98
24) 1,1-Dichloroethane	6.021	63	40804	20.186	ug/l	98
25) 2-Butanone	6.984	43	50315	101.526	ug/l	99
26) 2,2-Dichloropropane	6.984	77	37107	20.669	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25314	20.550	ug/l	99
28) Bromochloromethane	7.332	49	15278	20.683	ug/l	93
29) Tetrahydrofuran	7.344	42	29998	100.361	ug/l	96
30) Chloroform	7.509	83	42755	21.414	ug/l	96
31) Cyclohexane	7.783	56	37308	19.109	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	38157	21.133	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32938	21.073	ug/l	99
37) Ethyl Acetate	7.076	43	20136	20.439	ug/l	98
38) Carbon Tetrachloride	7.899	117	35985	22.294	ug/l	100
39) Methylcyclohexane	9.185	83	37982	20.439	ug/l	97
40) Benzene	8.161	78	95294	21.552	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	27688	52.164	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29068	21.867	ug/l	100
43) Isopropyl Acetate	8.271	43	35130	19.986	ug/l	98
44) Trichloroethene	8.941	130	25507	21.880	ug/l	97
45) 1,2-Dichloropropane	9.216	63	23604	21.123	ug/l	98
46) Dibromomethane	9.307	93	14305	22.471	ug/l	96
47) Bromodichloromethane	9.496	83	32385	21.587	ug/l	96
48) Methyl methacrylate	9.295	41	15839	19.557	ug/l	96
49) 1,4-Dioxane	9.301	88	3606	438.170	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	100012	104.897	ug/l	98
52) Toluene	10.246	92	60190	22.572	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	34236	21.757	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	38151	21.421	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	19830	22.367	ug/l	95
56) Ethyl methacrylate	10.508	69	24859	21.029	ug/l	96
57) 1,3-Dichloropropane	10.789	76	32974	21.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	66167	106.622	ug/l	99
59) 2-Hexanone	10.831	43	75101	108.381	ug/l	99
60) Dibromochloromethane	10.984	129	24478	22.682	ug/l	97
61) 1,2-Dibromoethane	11.087	107	18677	21.869	ug/l	99
64) Tetrachloroethene	10.722	164	22686	21.915	ug/l	96
65) Chlorobenzene	11.514	112	63910	21.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	23878	21.625	ug/l	98
67) Ethyl Benzene	11.593	91	110076	20.982	ug/l	99
68) m/p-Xylenes	11.703	106	86075	42.649	ug/l	100
69) o-Xylene	12.032	106	39986	21.229	ug/l	97
70) Styrene	12.044	104	68923	21.927	ug/l	99
71) Bromoform	12.209	173	16289	22.626	ug/l #	97
73) Isopropylbenzene	12.331	105	107814	20.389	ug/l	100
74) N-amyl acetate	12.142	43	31452	18.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25127	21.139	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	31511	35.367	ug/l #	100
77) Bromobenzene	12.611	156	26697	20.783	ug/l	97
78) n-propylbenzene	12.672	91	134311	20.602	ug/l	99
79) 2-Chlorotoluene	12.758	91	75695	20.891	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	91442	20.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8389	19.509	ug/l	97
82) 4-Chlorotoluene	12.855	91	79419	21.175	ug/l	99
83) tert-Butylbenzene	13.075	119	76334	20.267	ug/l	100
84) 1,2,4-Trimethylbenzene	13.124	105	89423	20.956	ug/l	99
85) sec-Butylbenzene	13.252	105	118747	20.666	ug/l	100
86) p-Isopropyltoluene	13.367	119	97724	20.809	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	53219	21.481	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	53426	21.129	ug/l	98
89) n-Butylbenzene	13.697	91	90417	20.112	ug/l	99
90) Hexachloroethane	13.965	117	20247	20.700	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	48232	21.536	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4115	21.421	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	28348	20.558	ug/l	97
94) Hexachlorobutadiene	15.117	225	16961	20.167	ug/l	98
95) Naphthalene	15.239	128	55492	20.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25734	20.984	ug/l	100

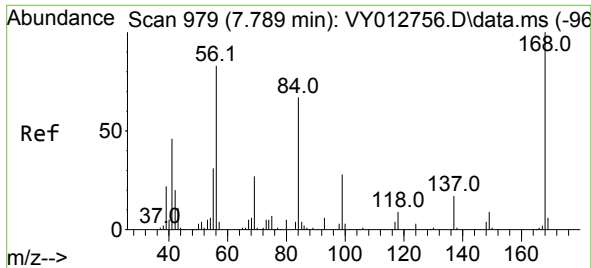
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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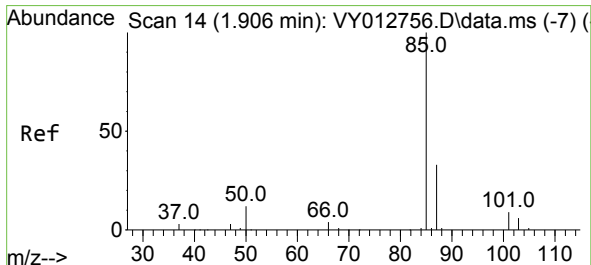
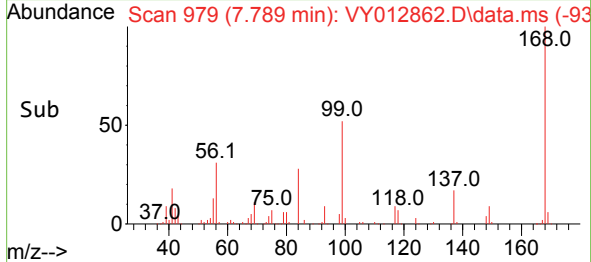
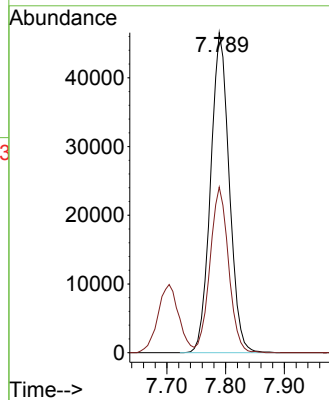
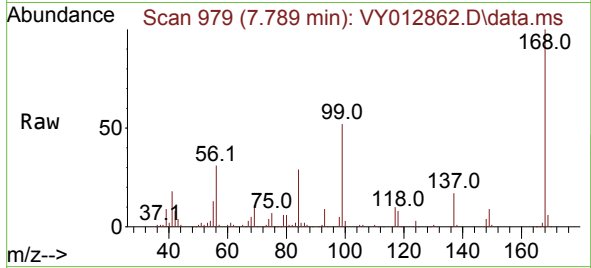
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

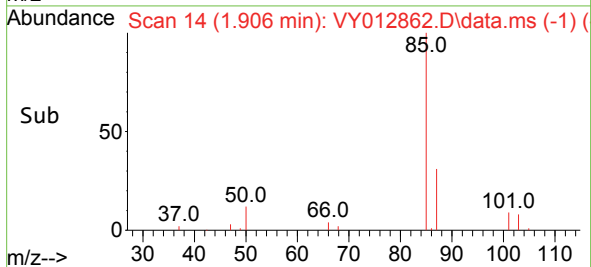
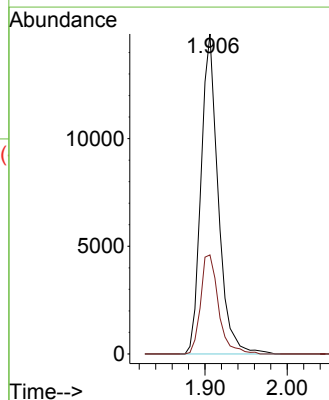
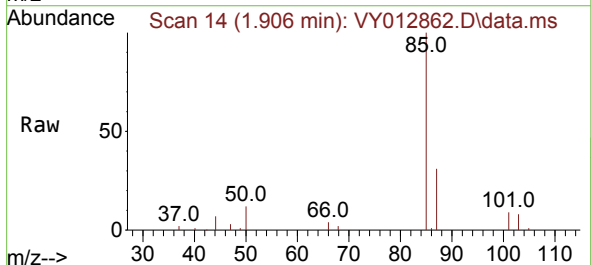
Instrument :
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VY0308SBS01

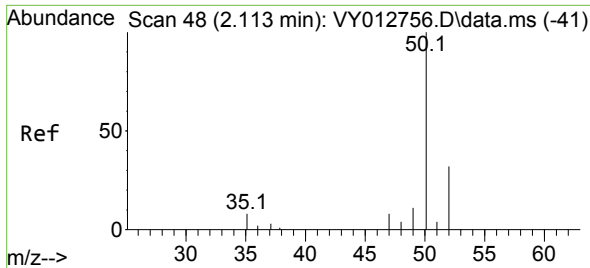
Tgt Ion:168 Resp: 102673
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.300 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 85 Resp: 21556
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0

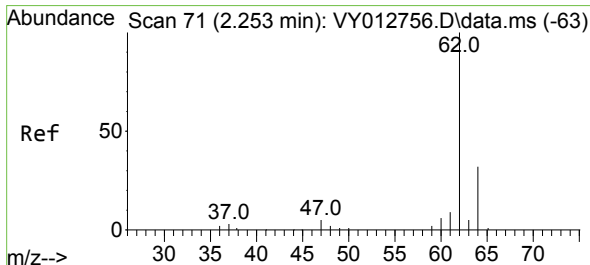
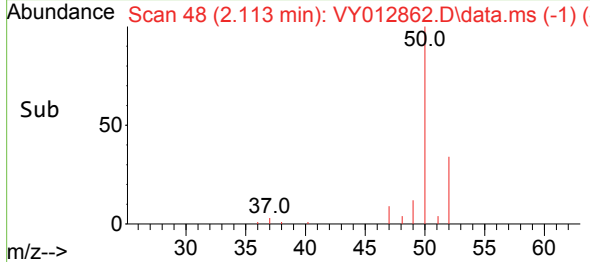
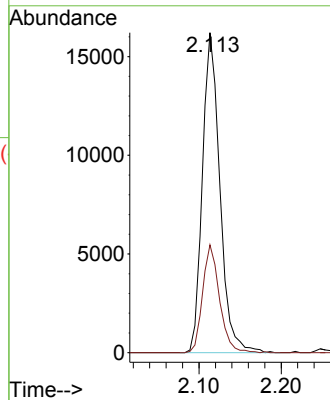
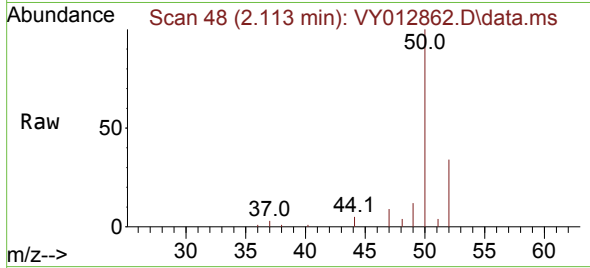




#3
Chloromethane
Concen: 19.824 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

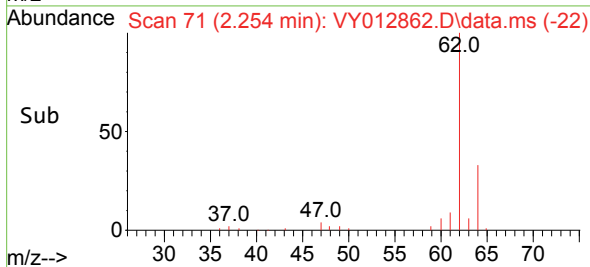
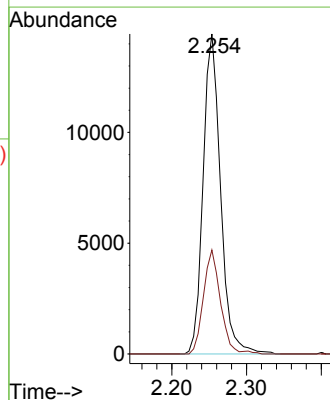
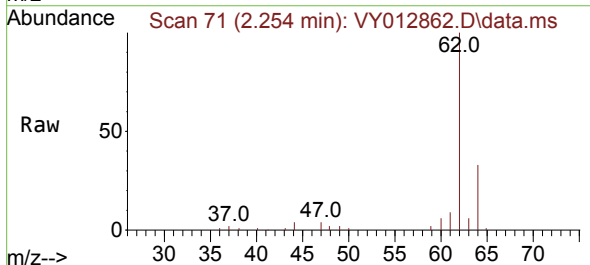
Instrument :
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ClientSampleId :
VY0308SBS01

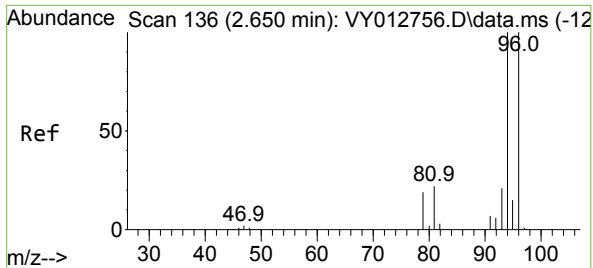
Tgt Ion: 50 Resp: 23984
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0



#4
Vinyl Chloride
Concen: 21.089 ug/l
RT: 2.254 min Scan# 71
Delta R.T. 0.001 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 62 Resp: 23396
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4

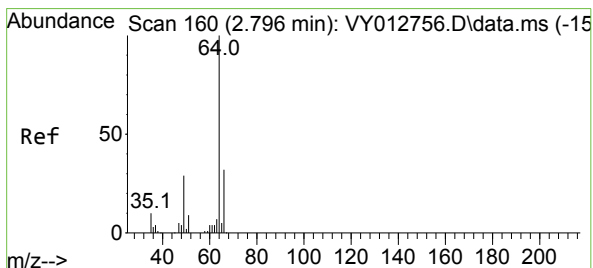
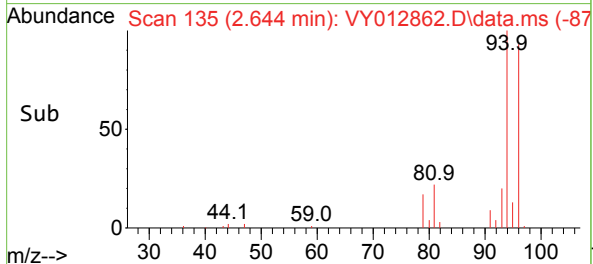
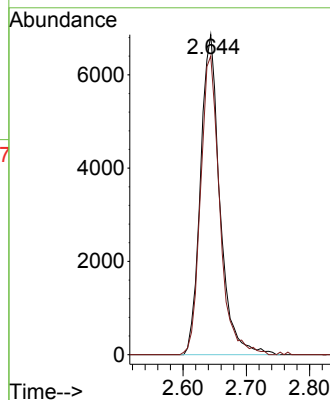
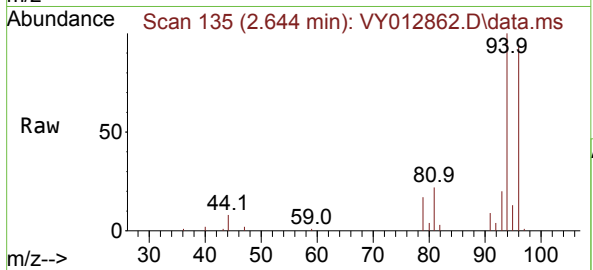




#5
Bromomethane
Concen: 21.750 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

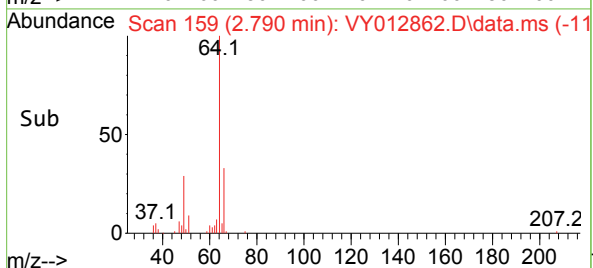
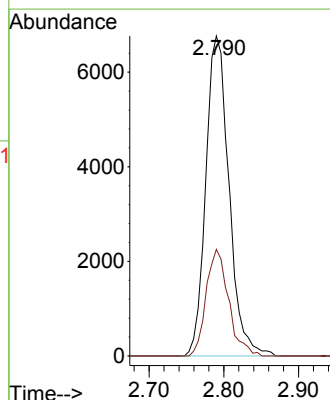
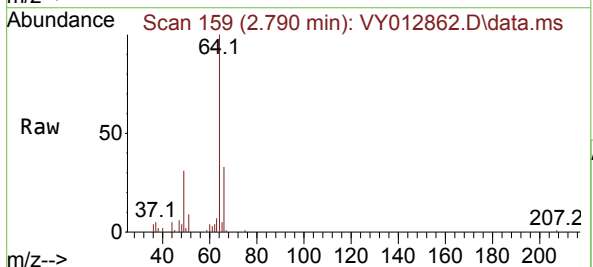
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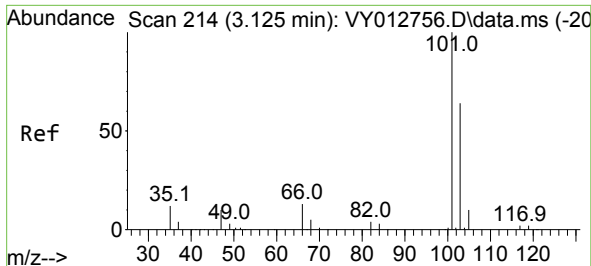
Tgt Ion: 94 Resp: 14662
Ion Ratio Lower Upper
94 100
96 93.4 80.3 120.5



#6
Chloroethane
Concen: 21.931 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 64 Resp: 14571
Ion Ratio Lower Upper
64 100
66 33.3 25.7 38.5

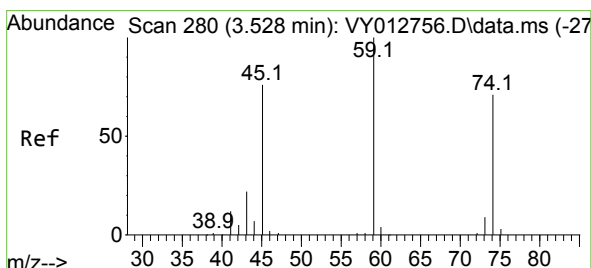
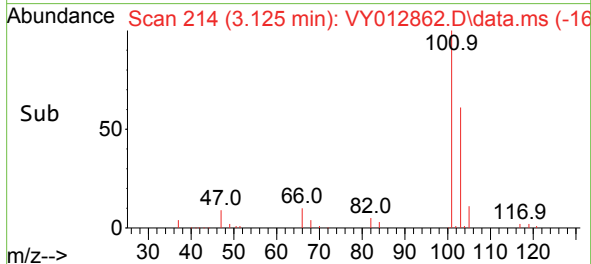
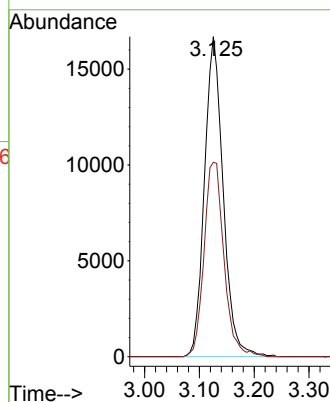
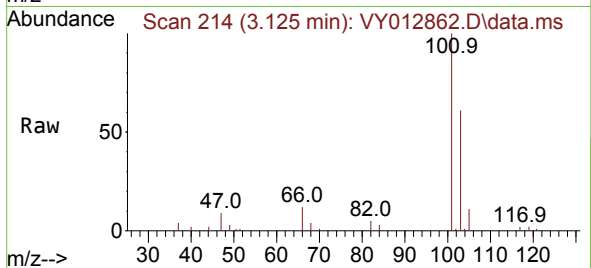




#7
 Trichlorofluoromethane
 Concen: 21.464 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

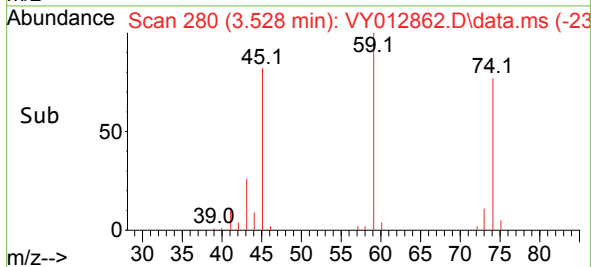
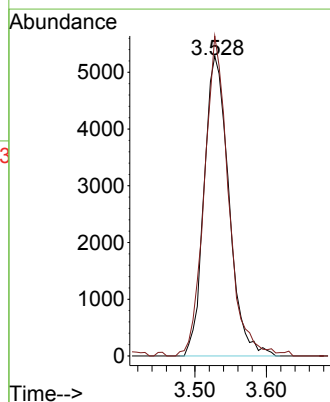
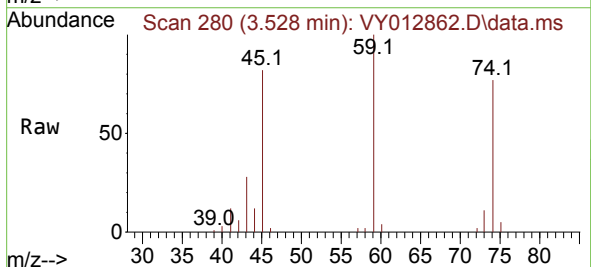
Instrument :
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 ClientSampleId :
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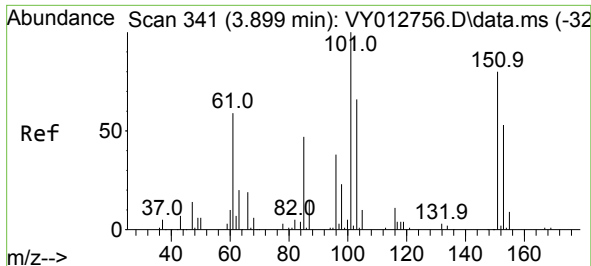
Tgt Ion:101 Resp: 39550
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.752 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

Tgt Ion: 74 Resp: 12754
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.1 156.4

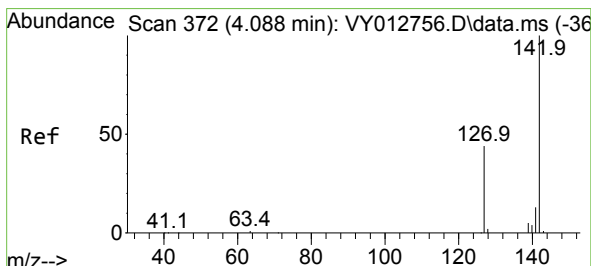
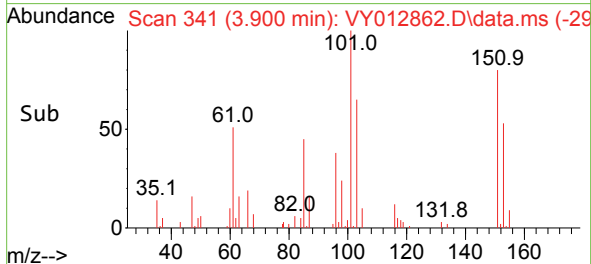
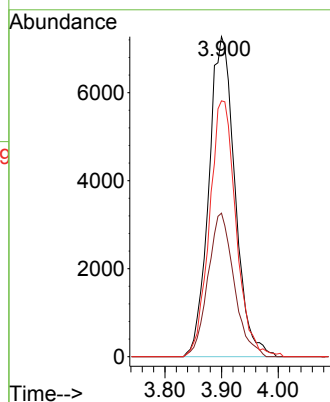
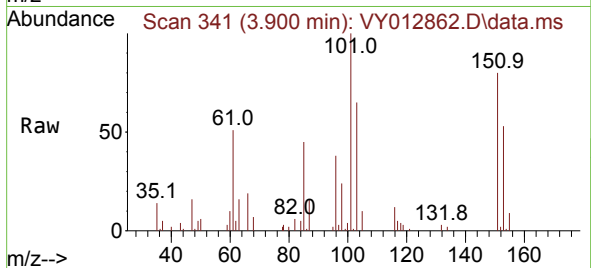




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.051 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.001 min
 Lab File: VY012862.D
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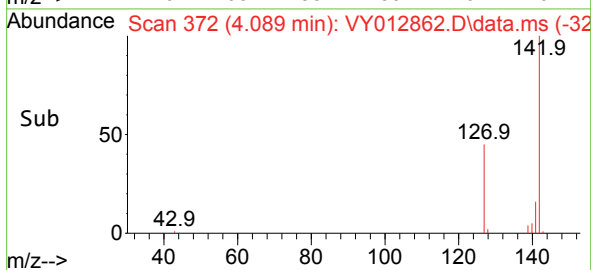
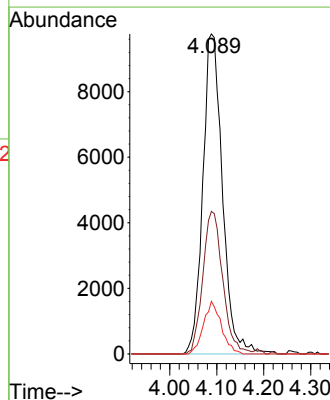
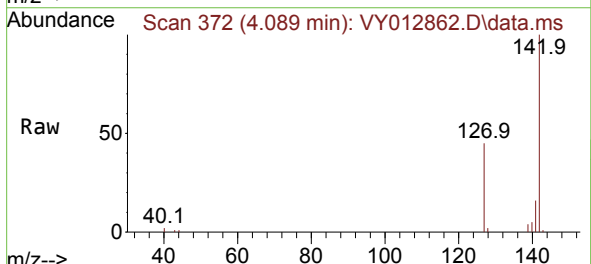
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

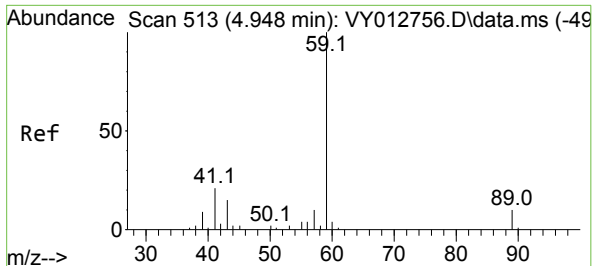
Tgt Ion:	101	Resp:	23337
Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.3	52.9
151	81.1	63.1	94.7



#10
 Methyl Iodide
 Concen: 19.583 ug/l
 RT: 4.089 min Scan# 372
 Delta R.T. 0.001 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

Tgt Ion:	142	Resp:	28287
Ion	Ratio	Lower	Upper
142	100		
127	45.2	35.4	53.2
141	15.0	11.3	16.9

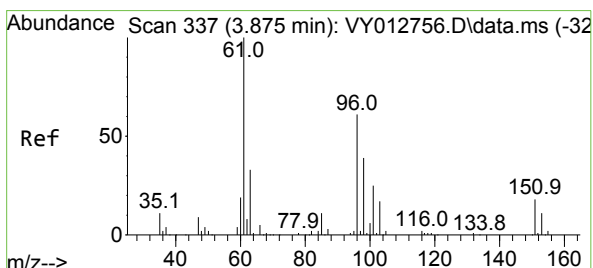
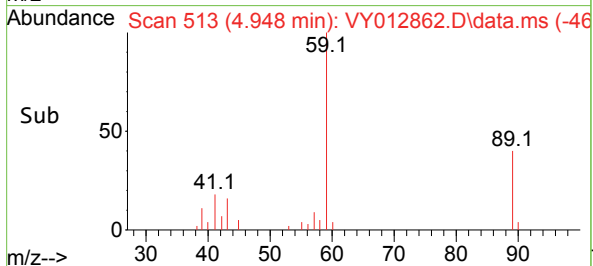
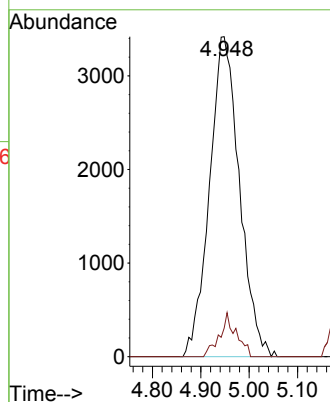
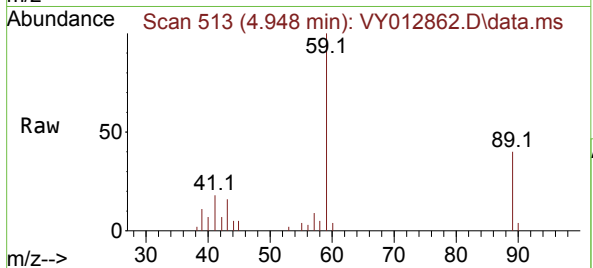




#11
Tert butyl alcohol
Concen: 114.461 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

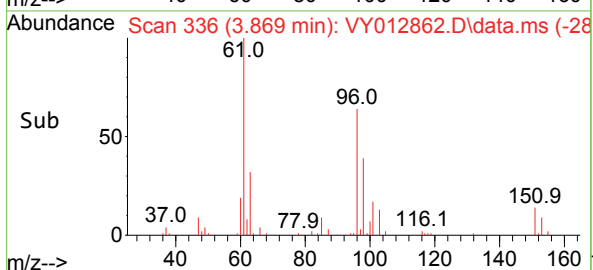
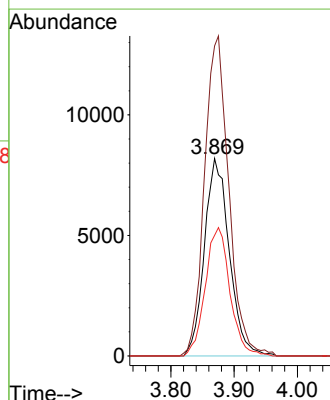
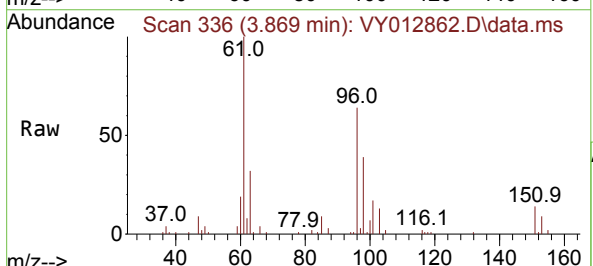
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

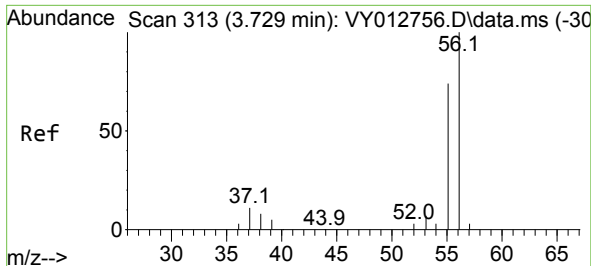
Tgt Ion: 59 Resp: 14700
Ion Ratio Lower Upper
59 100
57 7.6 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.196 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 96 Resp: 22410
Ion Ratio Lower Upper
96 100
61 157.1 131.7 197.5
98 61.1 52.0 78.0





#13

Acrolein

Concen: 93.113 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

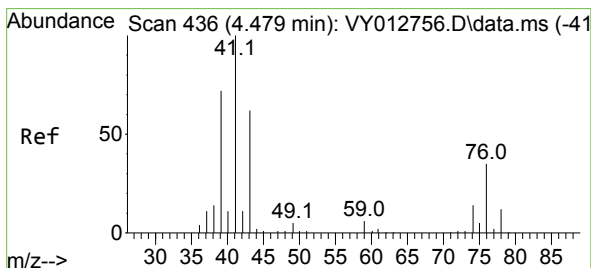
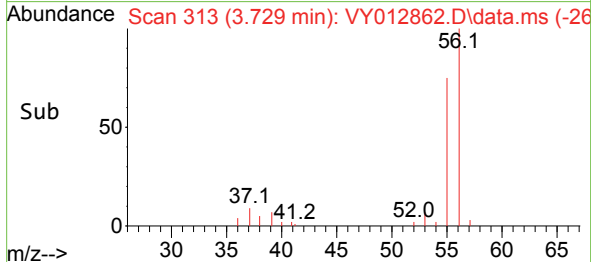
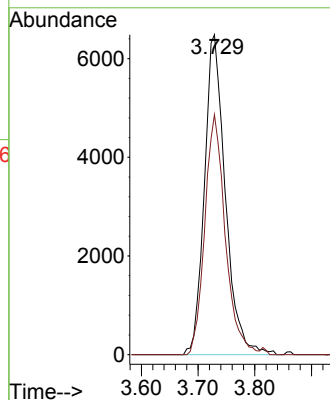
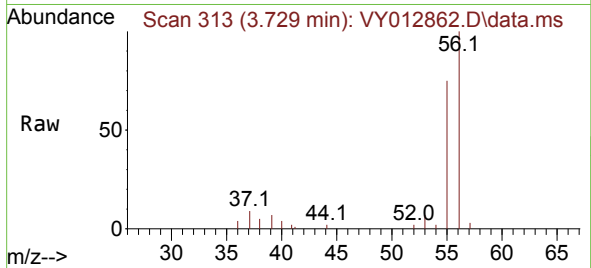
VY0308SBS01

Tgt Ion: 56 Resp: 16630

Ion Ratio Lower Upper

56 100

55 73.5 56.8 85.2



#14

Allyl chloride

Concen: 18.556 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

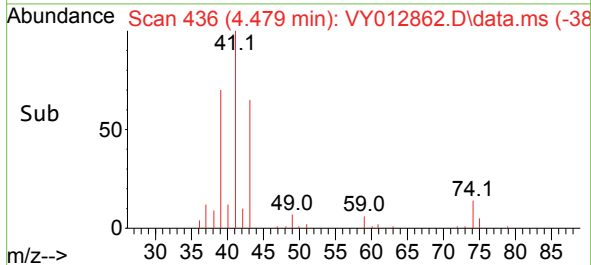
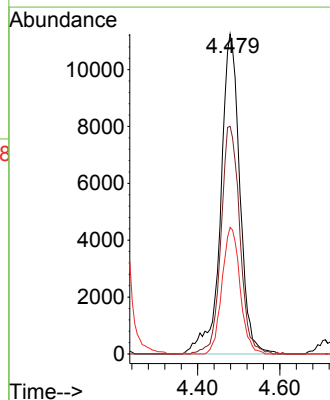
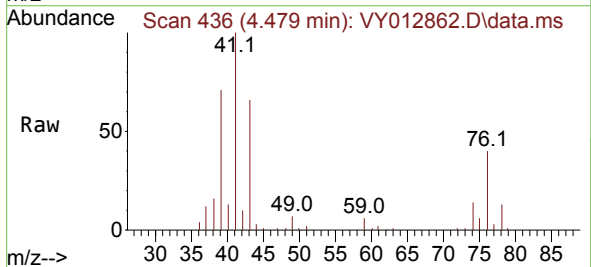
Tgt Ion: 41 Resp: 36241

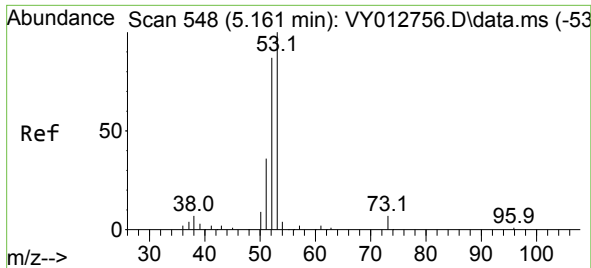
Ion Ratio Lower Upper

41 100

39 70.1 53.6 80.4

76 37.5 27.2 40.8

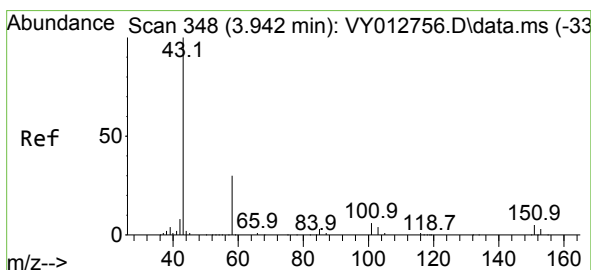
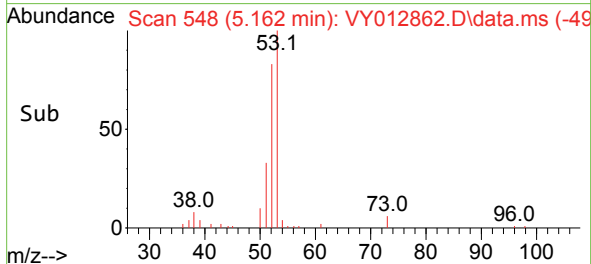
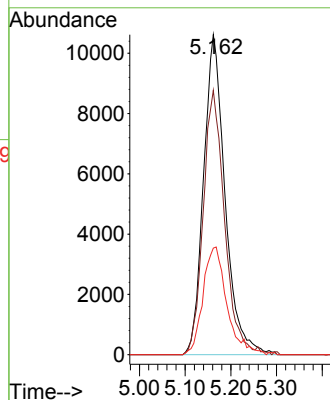
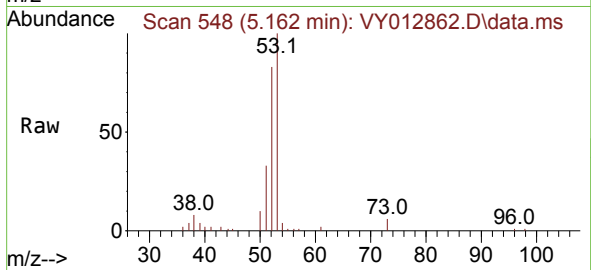




#15
Acrylonitrile
Concen: 102.085 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

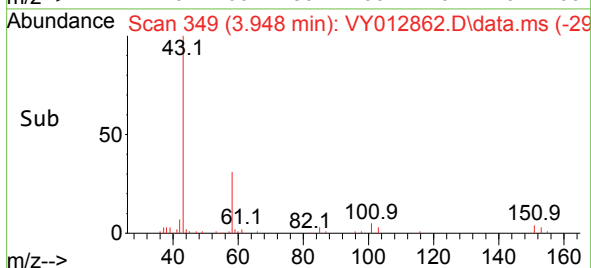
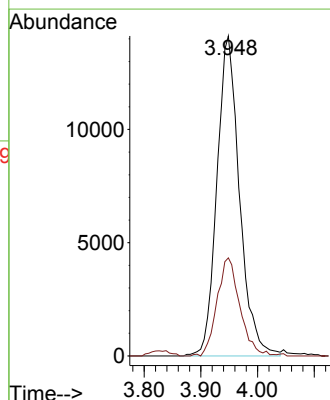
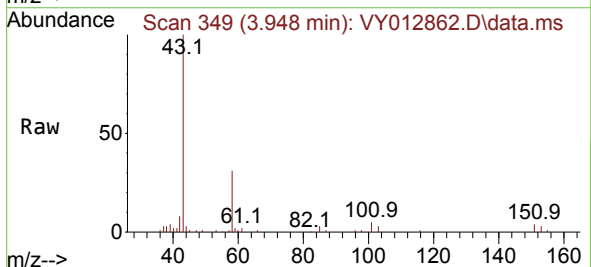
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

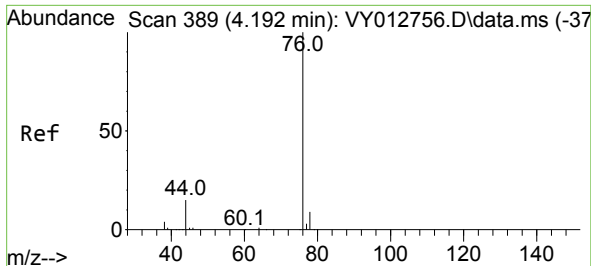
Tgt Ion:	53	Resp:	34732
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	37.3	28.8	43.2



#16
Acetone
Concen: 97.579 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:	43	Resp:	39044
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.2	36.2

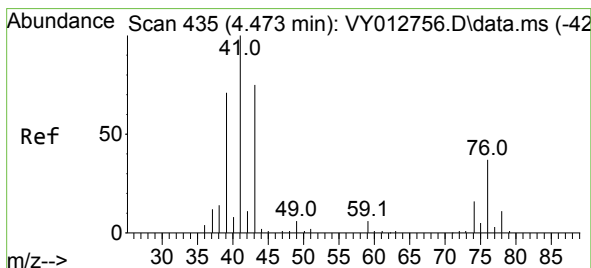
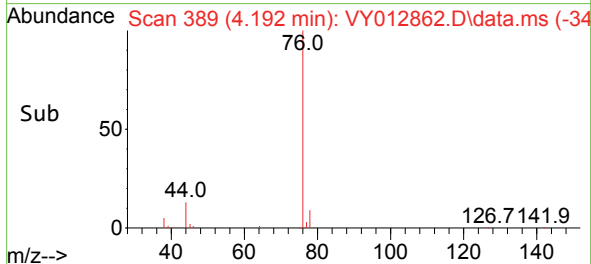
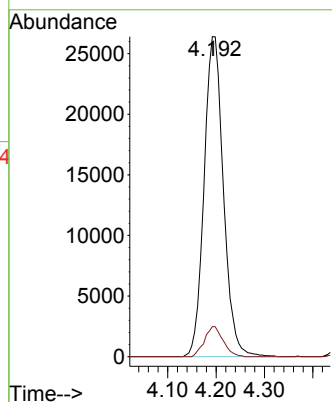
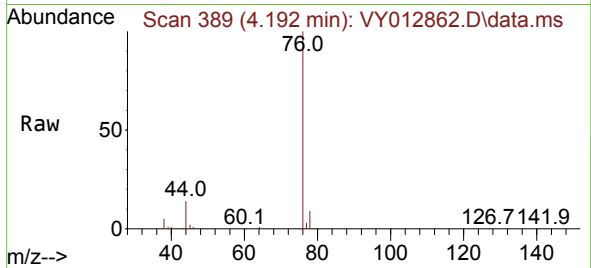




#17
Carbon Disulfide
Concen: 20.397 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

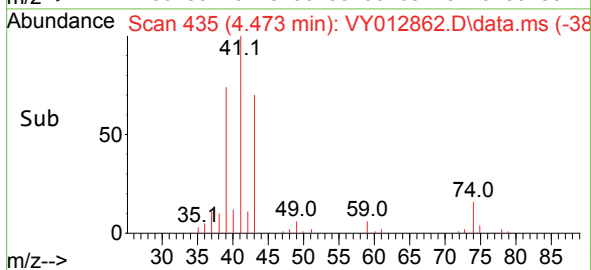
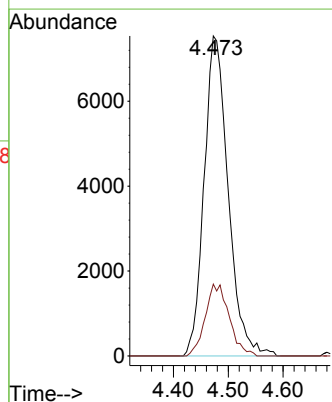
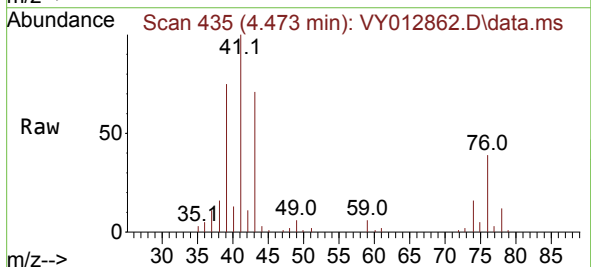
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

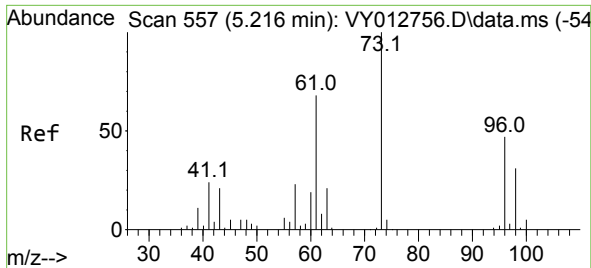
Tgt Ion: 76 Resp: 73406
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 19.280 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 43 Resp: 22973
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0

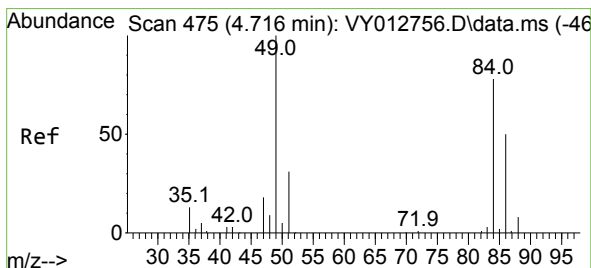
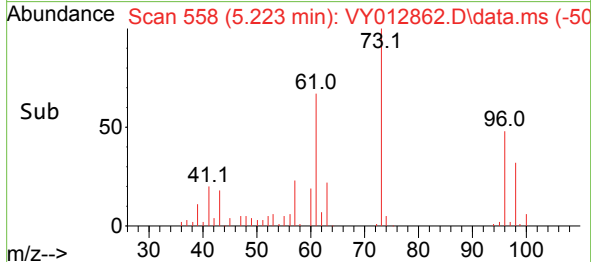
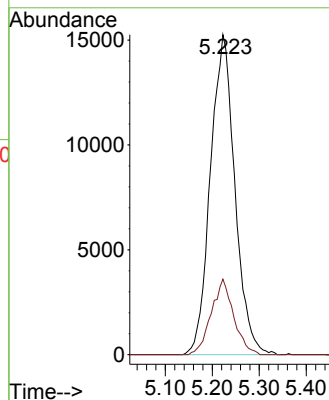
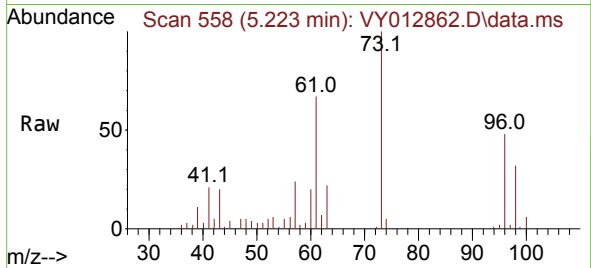




#19
Methyl tert-butyl Ether
Concen: 20.221 ug/l
RT: 5.223 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

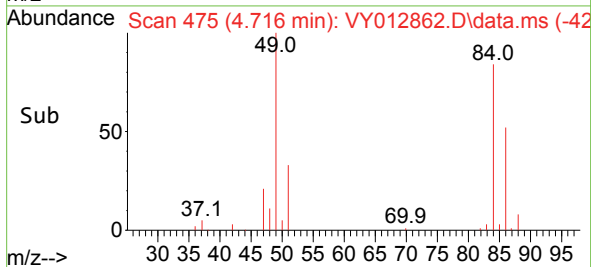
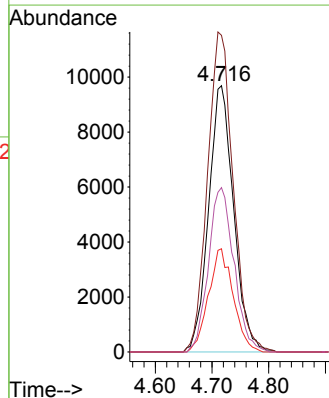
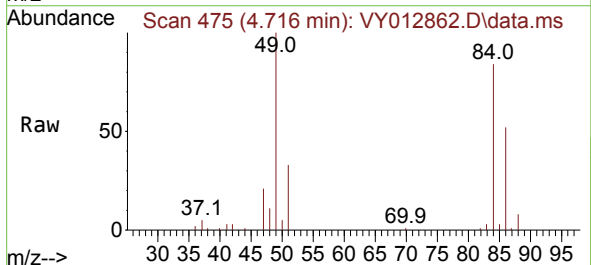
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

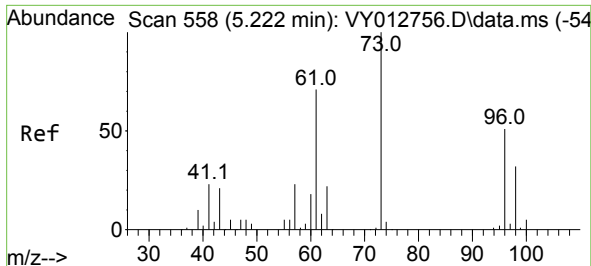
Tgt Ion: 73 Resp: 55222
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 21.289 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

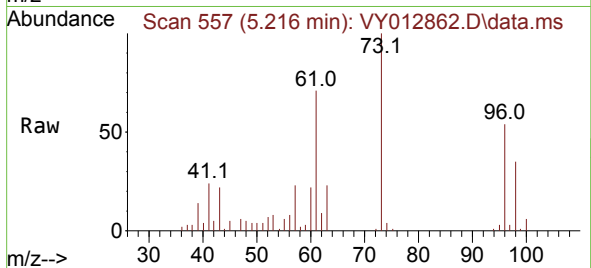
Tgt Ion: 84 Resp: 29761
Ion Ratio Lower Upper
84 100
49 118.9 102.6 154.0
51 38.7 31.9 47.9
86 61.7 51.0 76.6



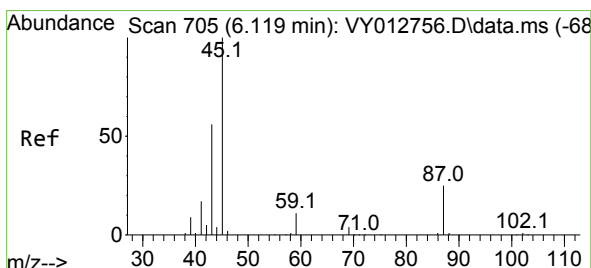
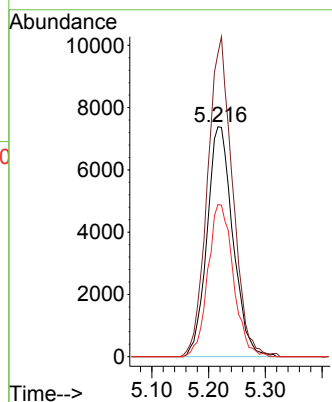
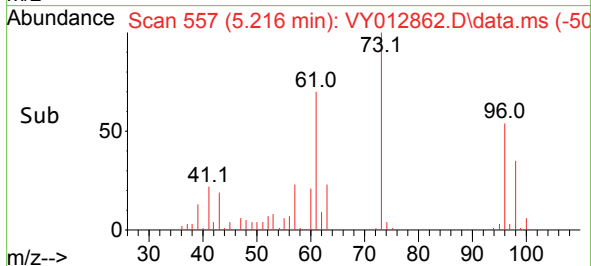


#21
trans-1,2-Dichloroethene
Concen: 20.303 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

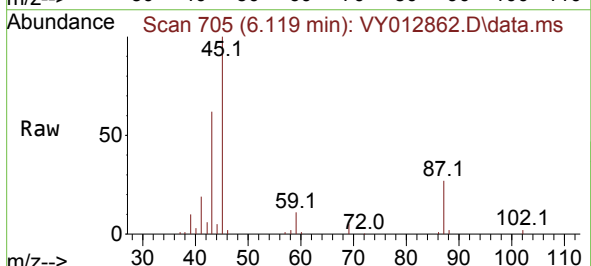
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01



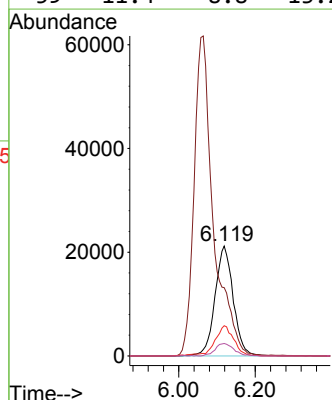
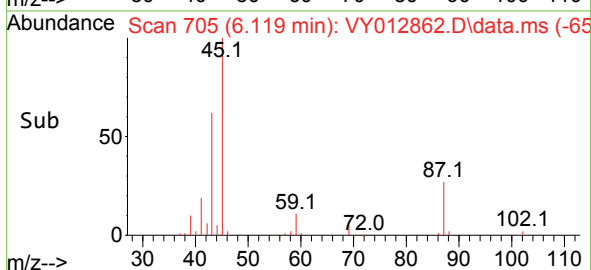
Tgt Ion: 96 Resp: 23328
Ion Ratio Lower Upper
96 100
61 131.9 111.4 167.0
98 66.2 50.8 76.2

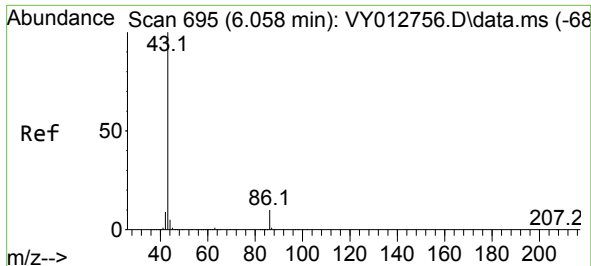


#22
Diisopropyl ether
Concen: 19.782 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46



Tgt Ion: 45 Resp: 70174
Ion Ratio Lower Upper
45 100
43 61.5 45.0 67.6
87 27.5 20.3 30.5
59 11.4 8.8 13.2

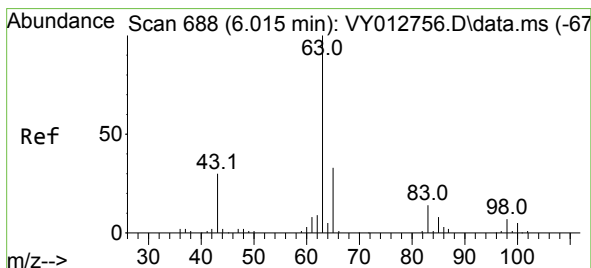
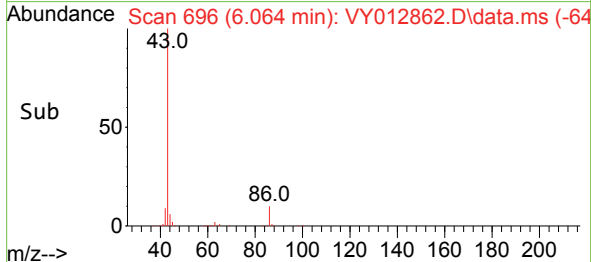
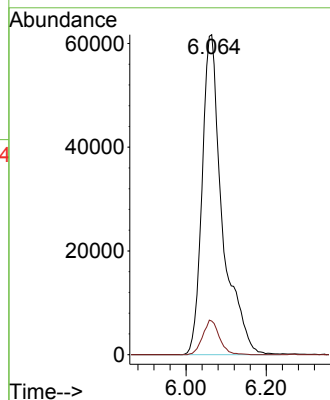
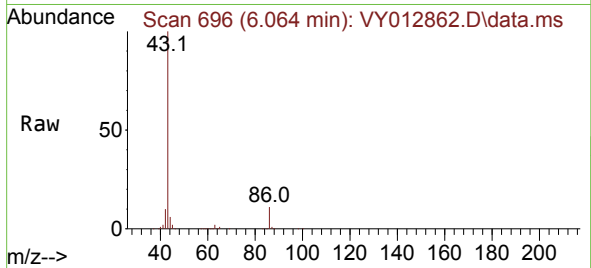




#23
 Vinyl Acetate
 Concen: 98.038 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

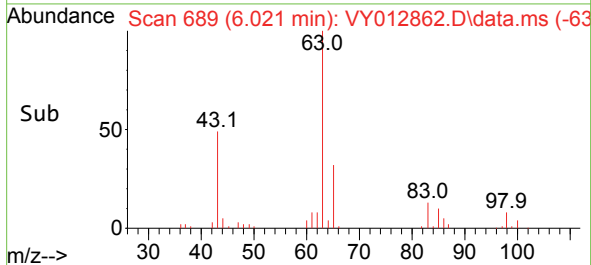
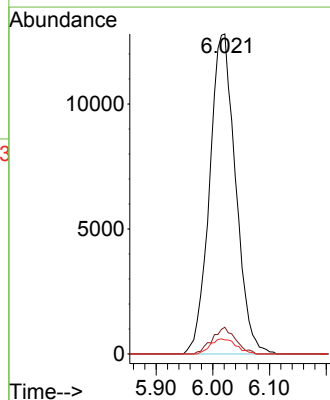
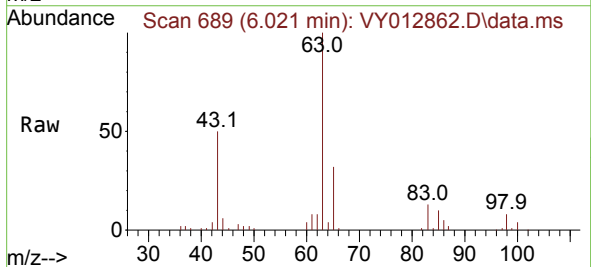
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

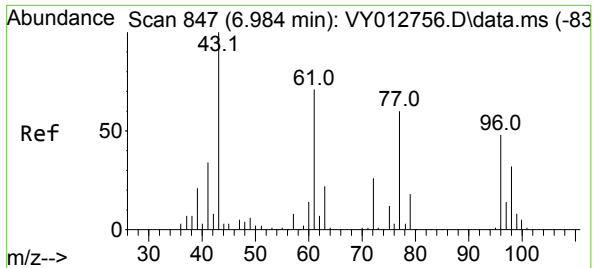
Tgt Ion: 43 Resp: 216084
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.186 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

Tgt Ion: 63 Resp: 40804
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.7 11.1
 100 4.4 2.3 6.8

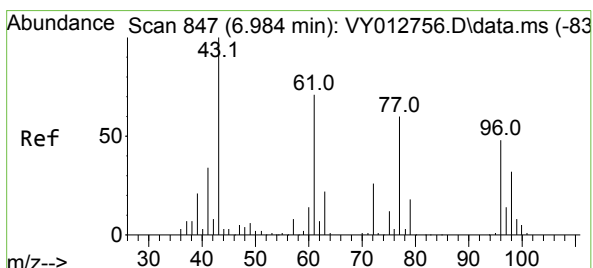
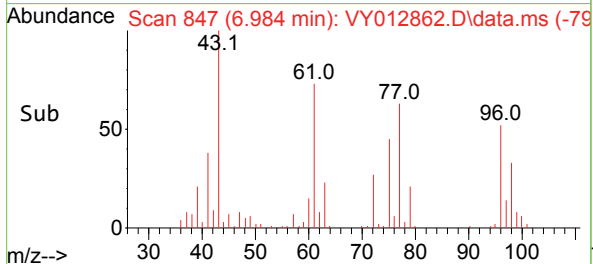
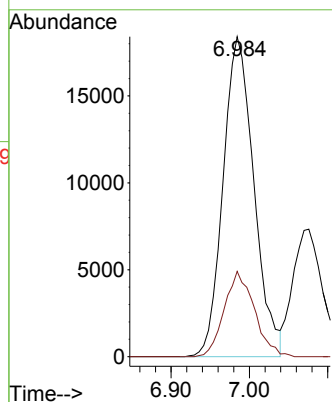
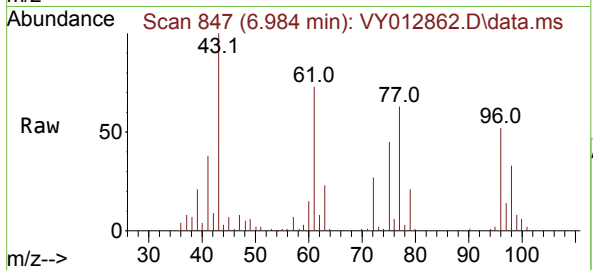




#25
2-Butanone
Concen: 101.526 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

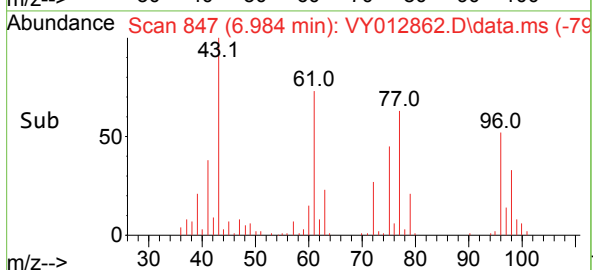
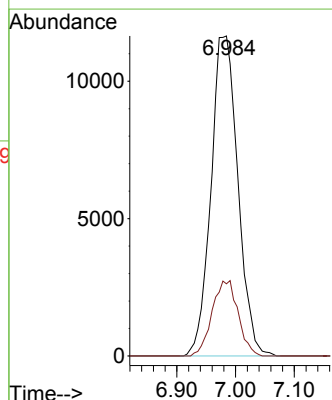
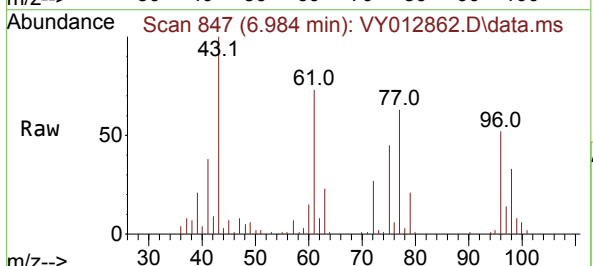
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

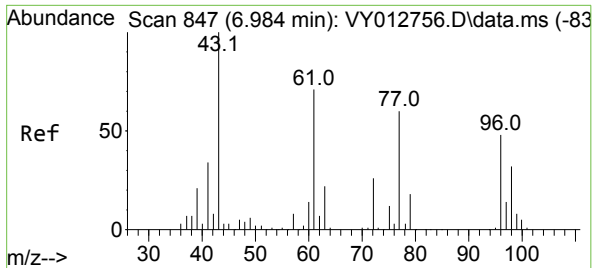
Tgt Ion: 43 Resp: 50315
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.4



#26
2,2-Dichloropropane
Concen: 20.669 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 77 Resp: 37107
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.0

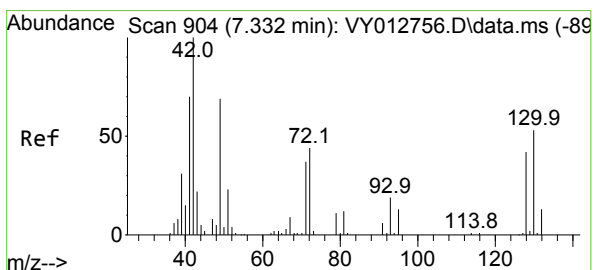
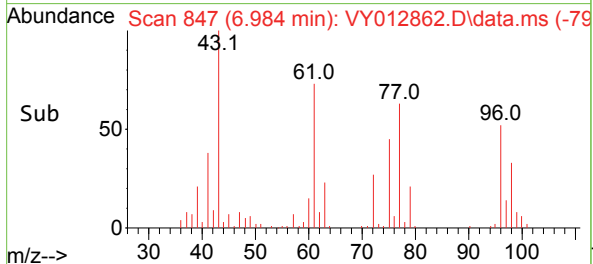
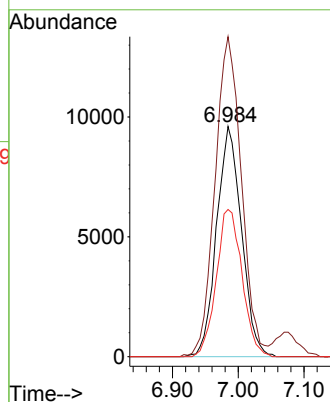
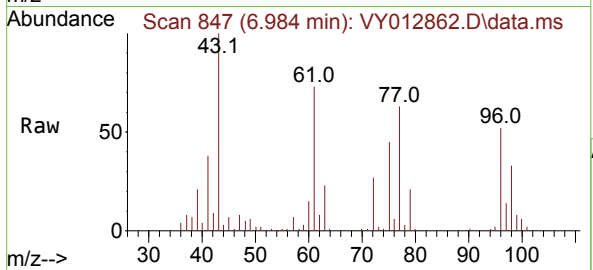




#27
cis-1,2-Dichloroethene
Concen: 20.550 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

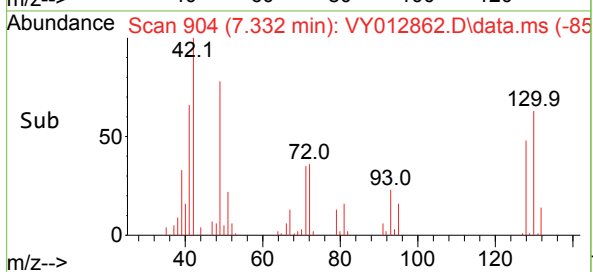
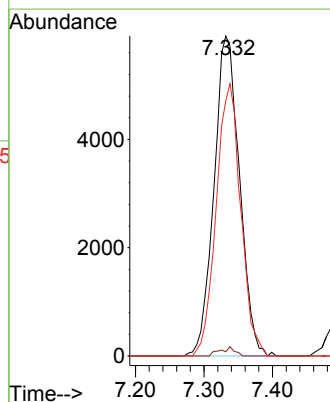
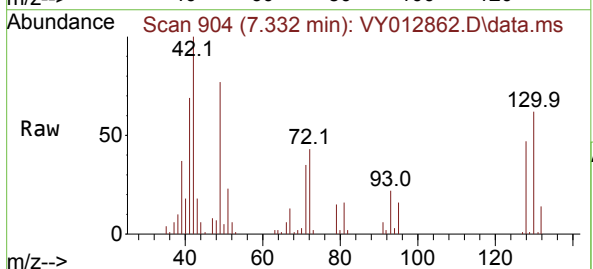
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

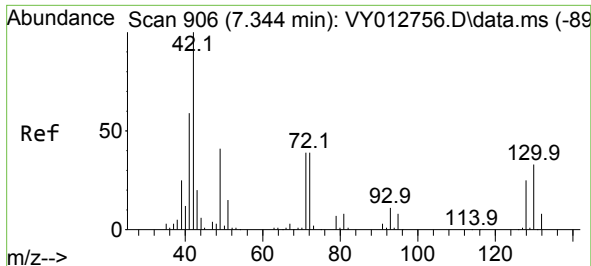
Tgt Ion: 96 Resp: 25314
Ion Ratio Lower Upper
96 100
61 147.7 0.0 295.8
98 66.1 0.0 130.2



#28
Bromochloromethane
Concen: 20.683 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 49 Resp: 15278
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 81.5 60.5 90.7

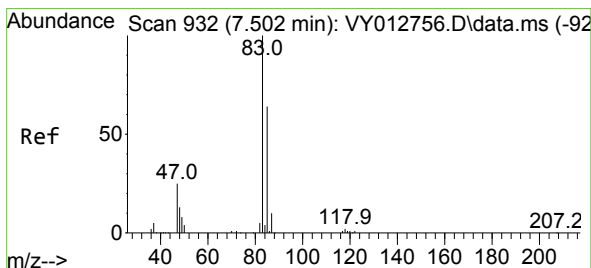
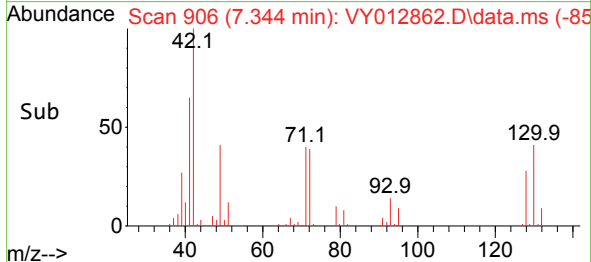
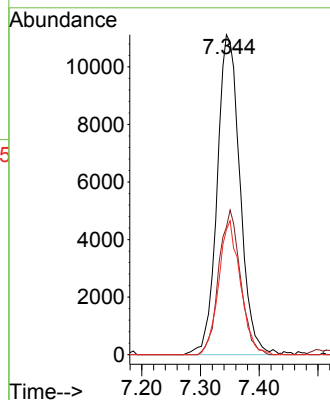
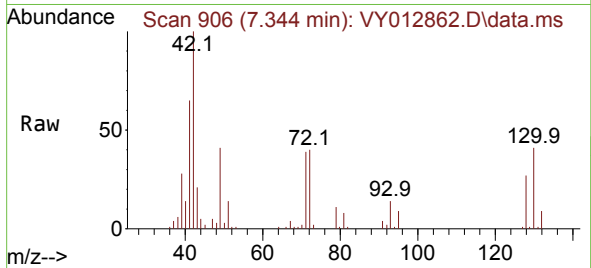




#29
Tetrahydrofuran
Concen: 100.361 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

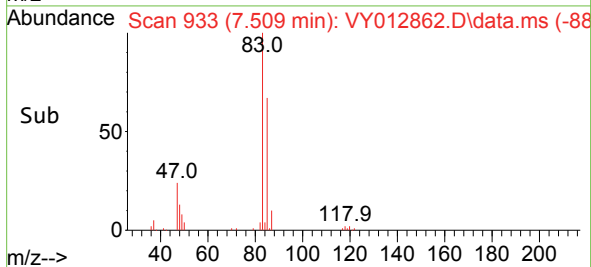
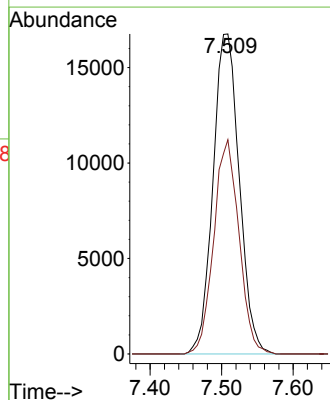
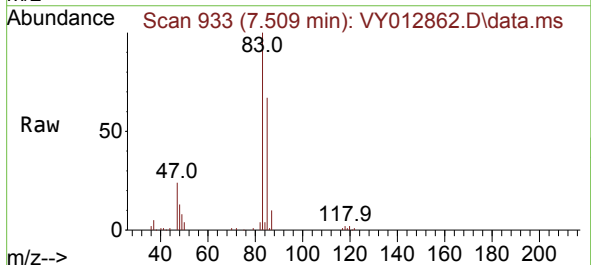
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

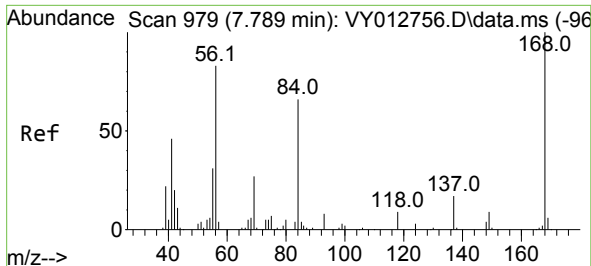
Tgt Ion:	42	Resp:	29998
Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.3	48.5
71	39.9	30.3	45.5



#30
Chloroform
Concen: 21.414 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:	83	Resp:	42755
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.0

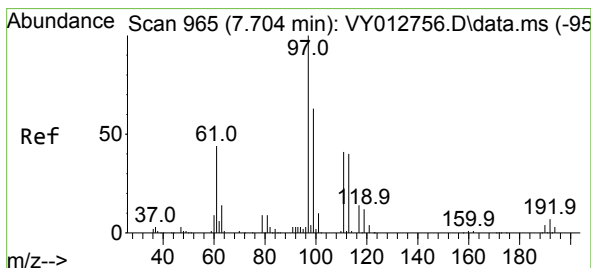
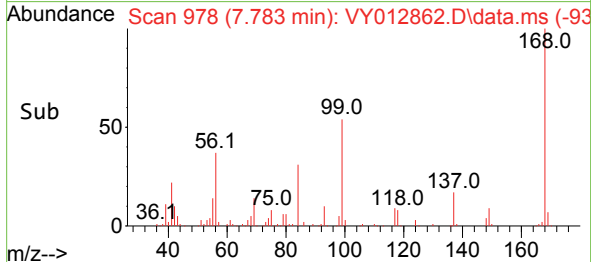
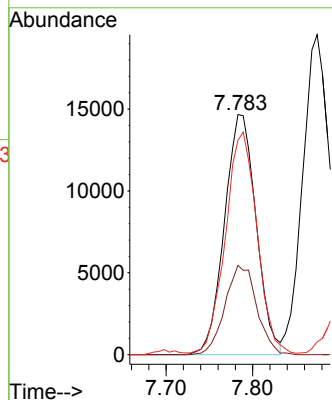
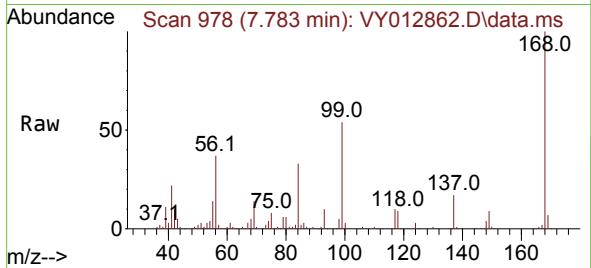




#31
Cyclohexane
Concen: 19.109 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

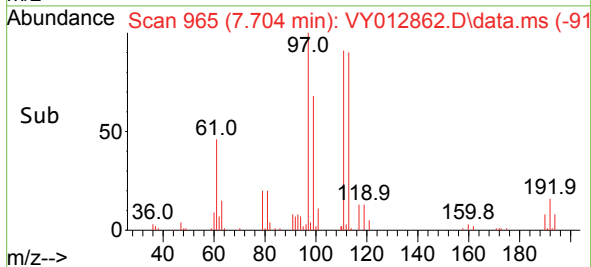
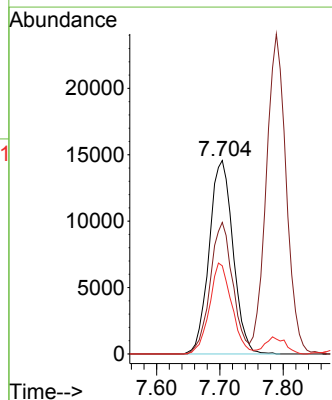
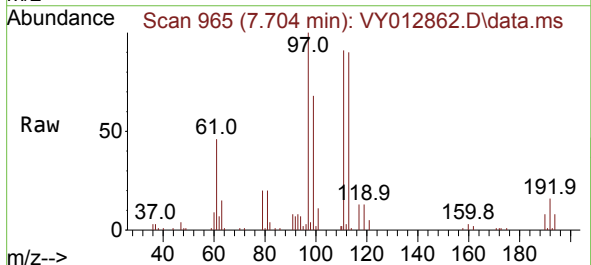
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

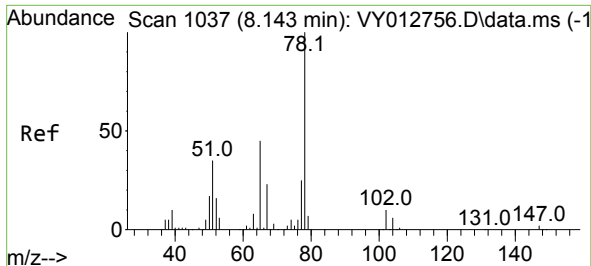
Tgt Ion: 56 Resp: 37308
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 88.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.133 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 97 Resp: 38157
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 43.9 34.5 51.7

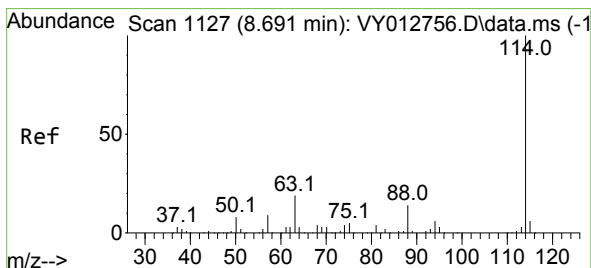
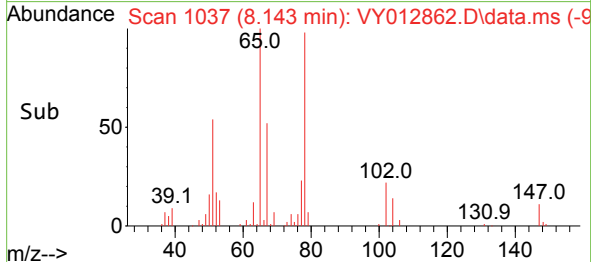
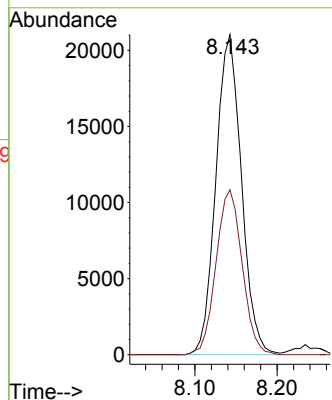
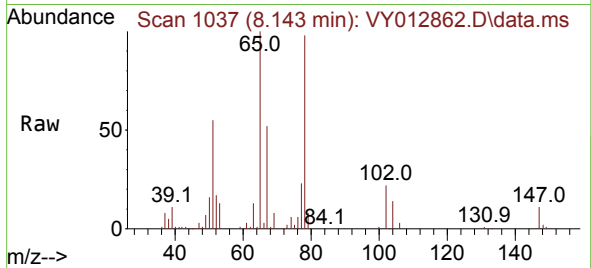




#33
 1,2-Dichloroethane-d4
 Concen: 44.590 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

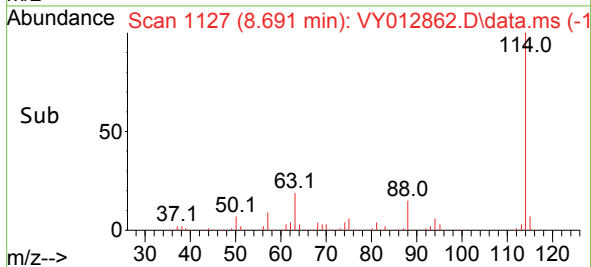
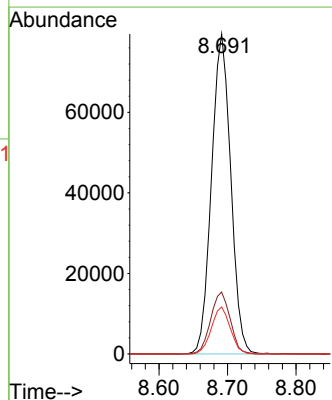
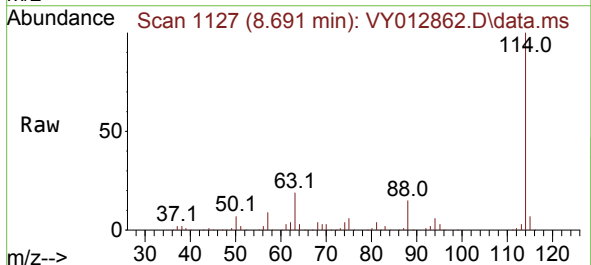
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

Tgt Ion: 65 Resp: 45455
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VY012862.D
 Acq: 08 Mar 2023 11:46

Tgt Ion: 114 Resp: 154556
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.7 0.0 28.6

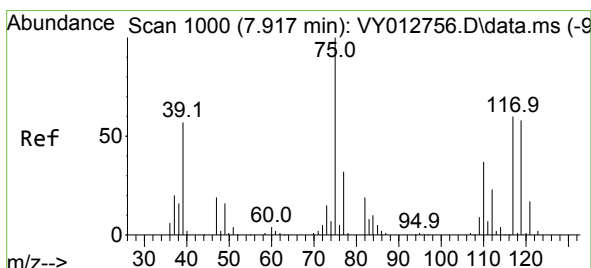
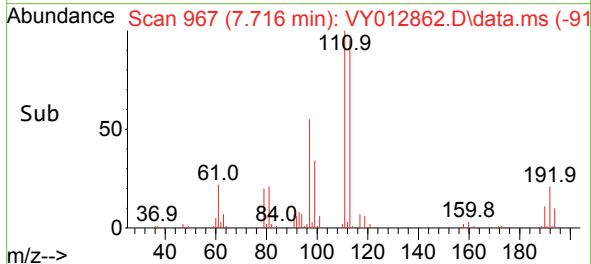
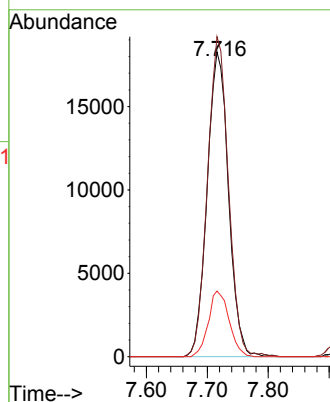
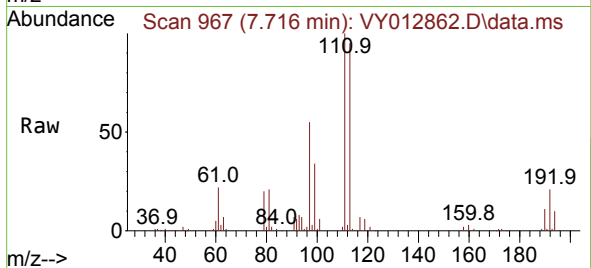




#35
Dibromofluoromethane
Concen: 47.708 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

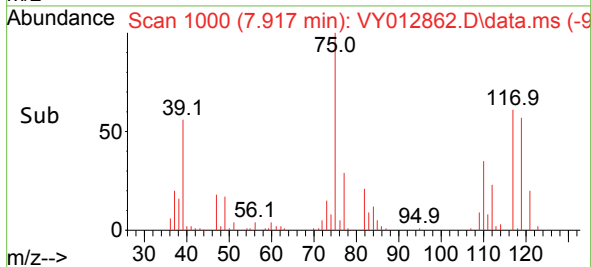
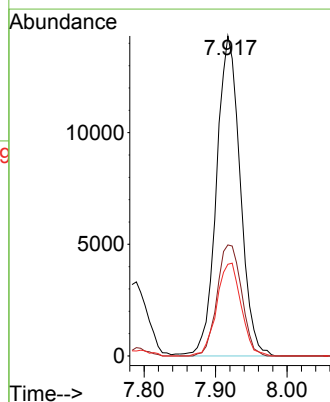
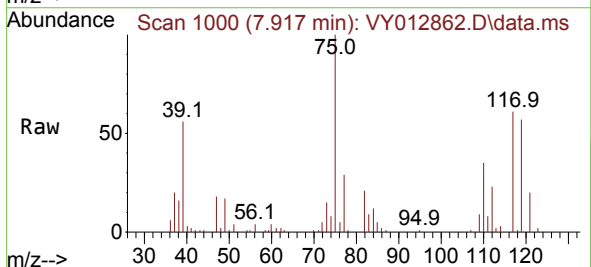
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

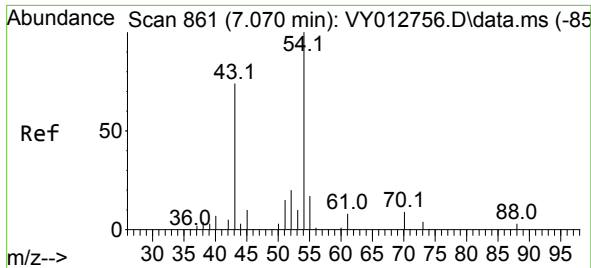
Tgt Ion:113 Resp: 44499
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.073 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 75 Resp: 32938
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.0 25.0 37.4

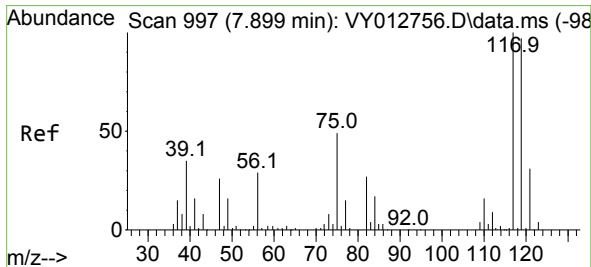
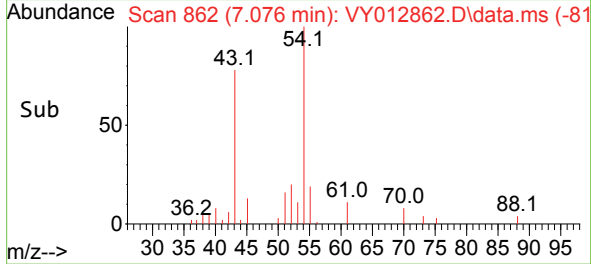
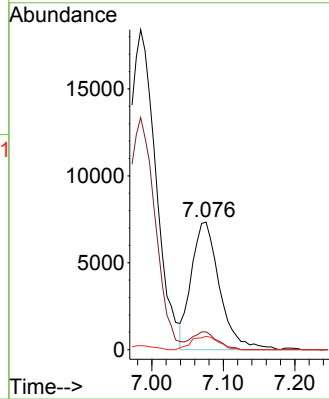
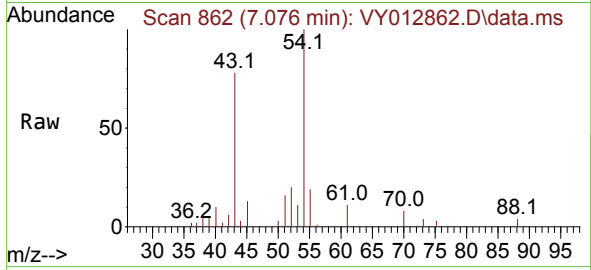




#37
Ethyl Acetate
Concen: 20.439 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

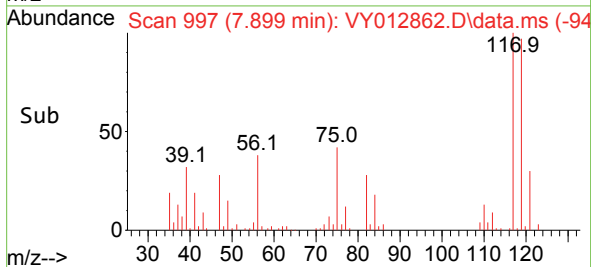
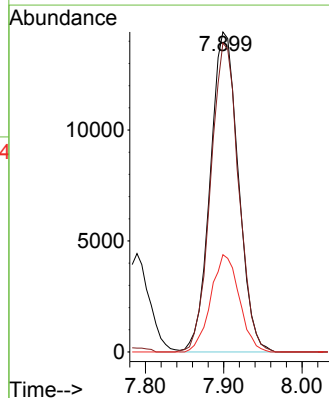
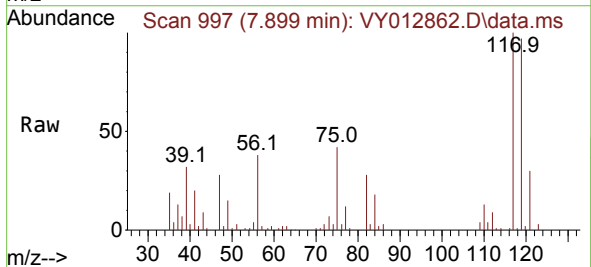
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

Tgt Ion:	43	Resp:	20136
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.7	16.1
70	10.1	7.8	11.8



#38
Carbon Tetrachloride
Concen: 22.294 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:	117	Resp:	35985
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	30.4	24.7	37.1





#39

Methylcyclohexane

Concen: 20.439 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

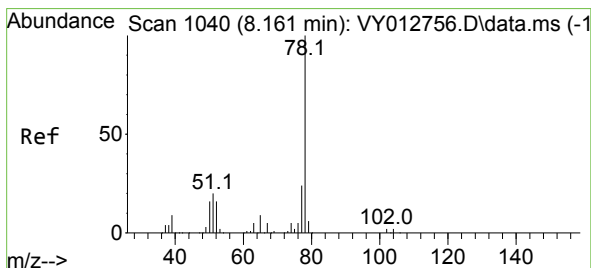
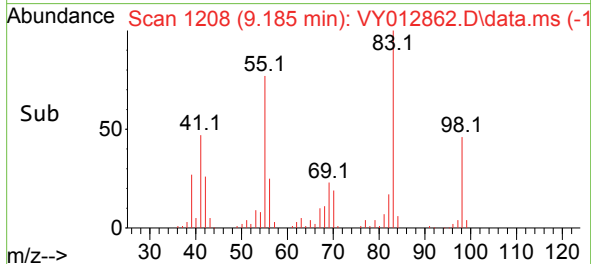
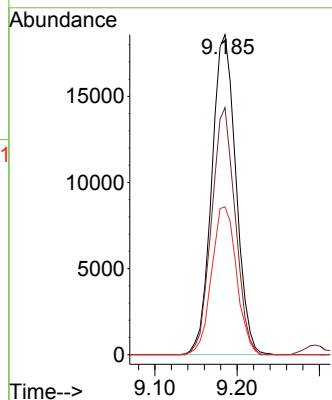
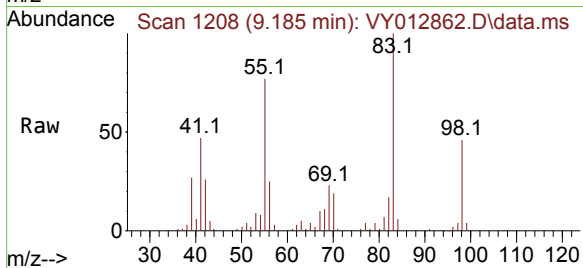
Tgt Ion: 83 Resp: 37982

Ion Ratio Lower Upper

83 100

55 77.2 60.0 90.0

98 46.2 38.3 57.5



#40

Benzene

Concen: 21.552 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012862.D

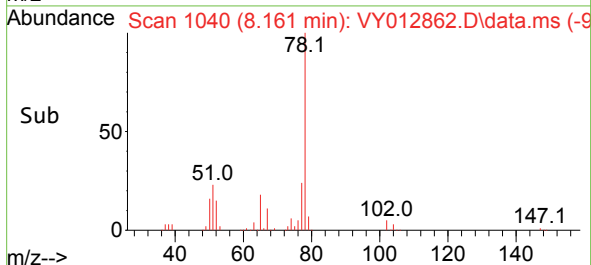
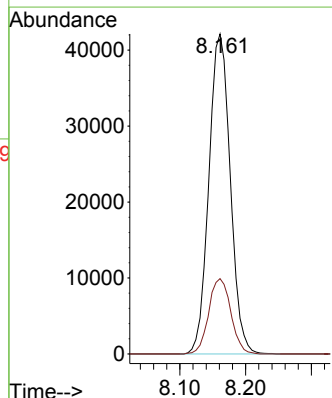
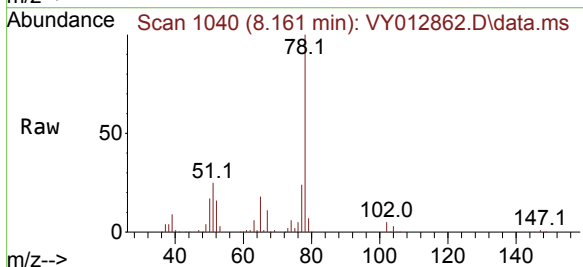
Acq: 08 Mar 2023 11:46

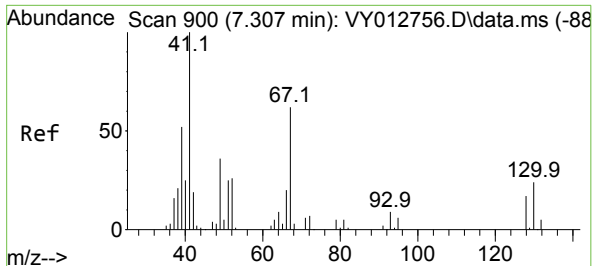
Tgt Ion: 78 Resp: 95294

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

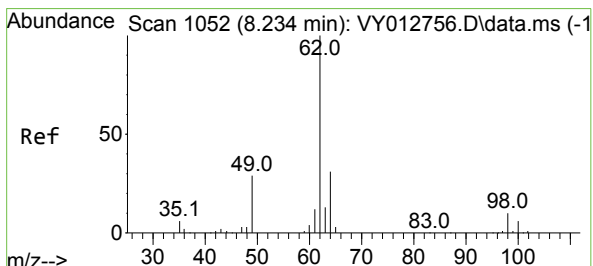
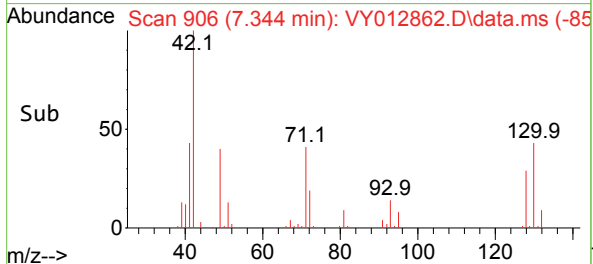
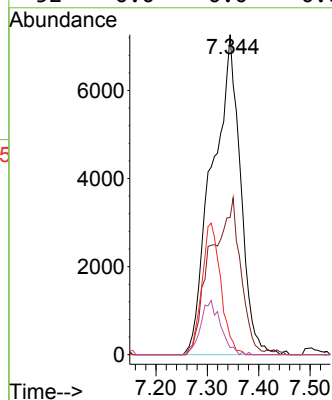
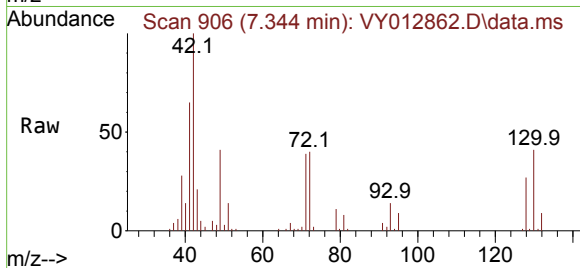




#41
Methacrylonitrile
Concen: 52.164 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

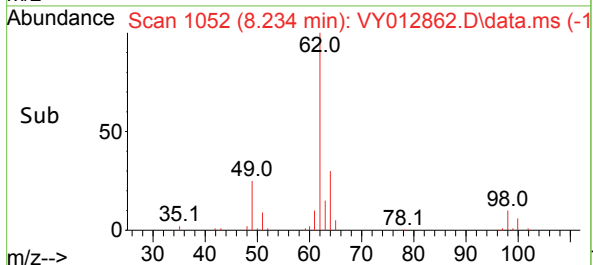
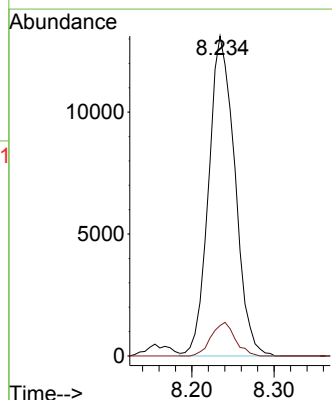
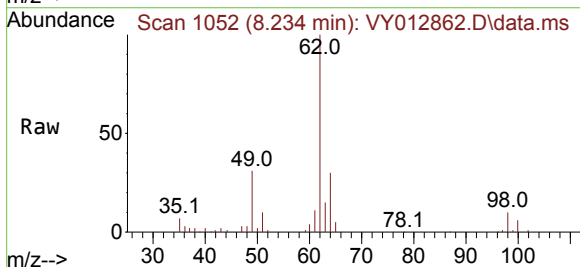
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

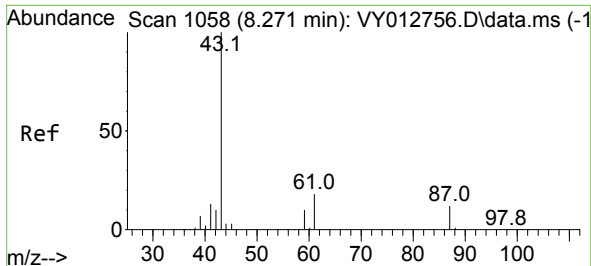
Tgt Ion:	41	Resp:	27688
Ion	Ratio	Lower	Upper
41	100		
39	51.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:	62	Resp:	29068
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

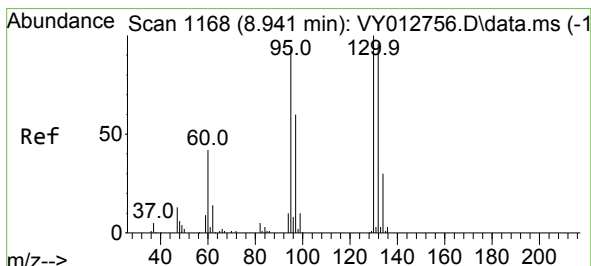
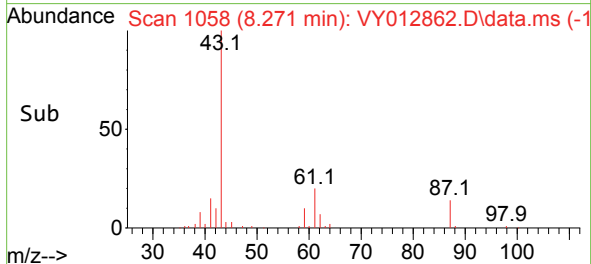
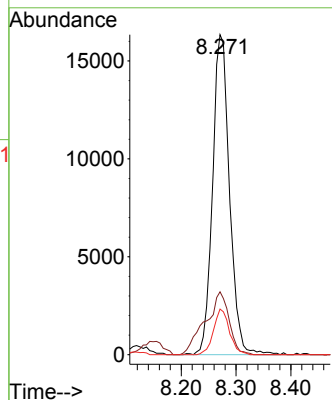
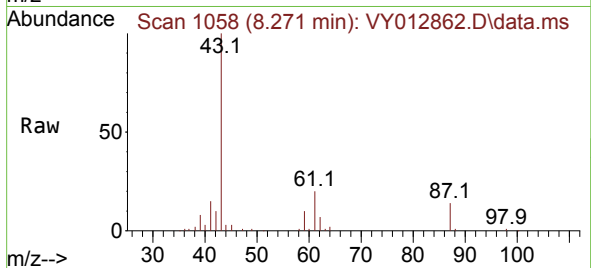




#43
Isopropyl Acetate
Concen: 19.986 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

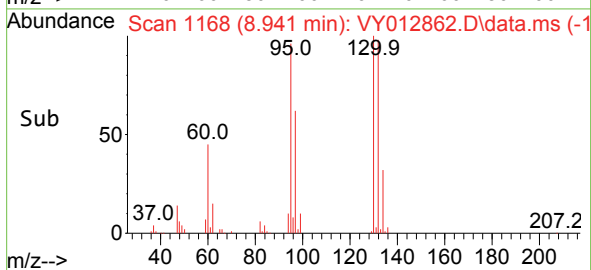
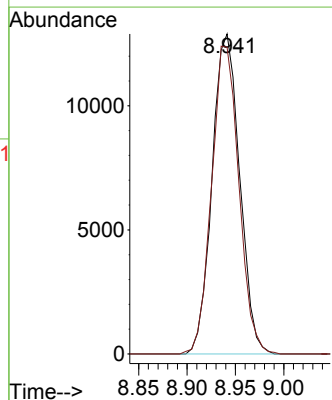
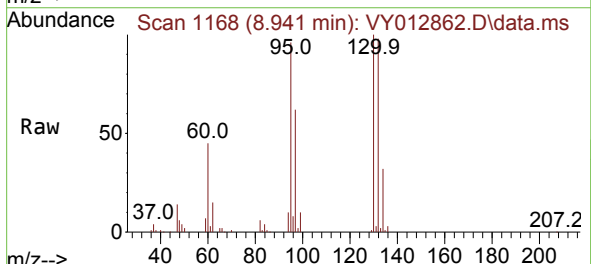
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

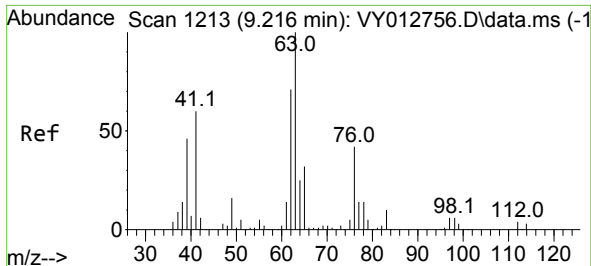
Tgt Ion: 43 Resp: 35130
Ion Ratio Lower Upper
43 100
61 27.5 21.6 32.4
87 13.4 9.9 14.9



#44
Trichloroethene
Concen: 21.880 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:130 Resp: 25507
Ion Ratio Lower Upper
130 100
95 95.8 0.0 185.0

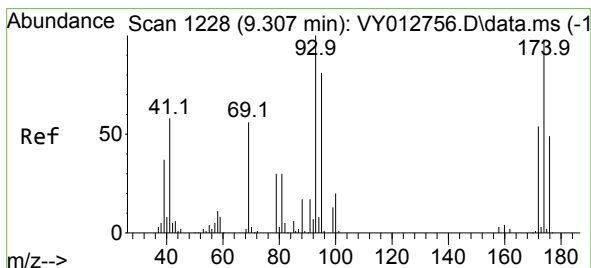
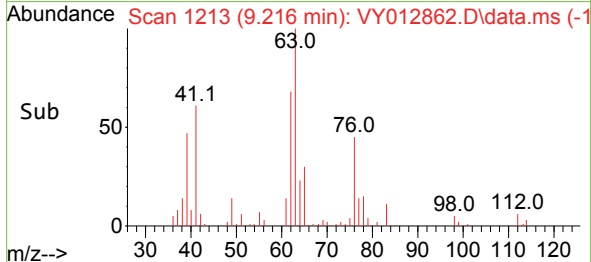
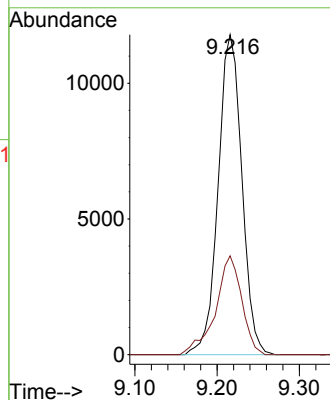
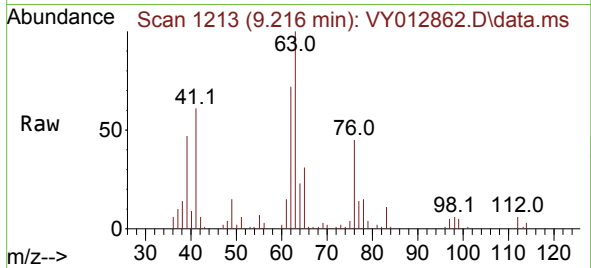




#45
1,2-Dichloropropane
Concen: 21.123 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

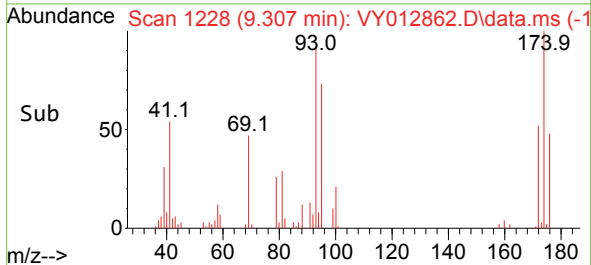
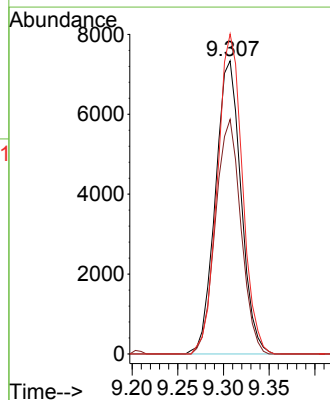
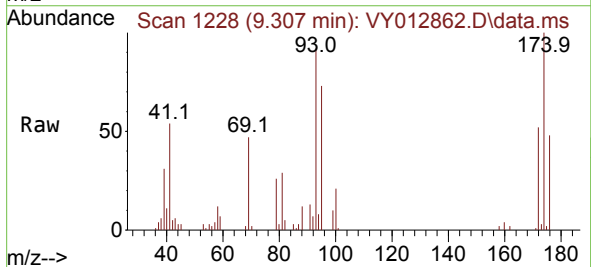
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

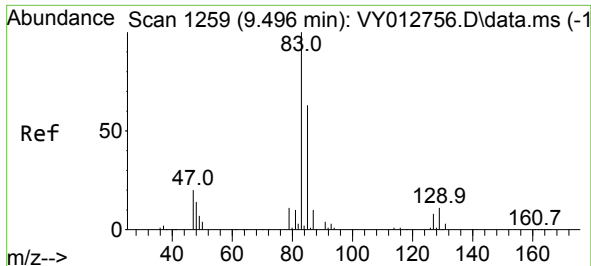
Tgt Ion: 63 Resp: 23604
Ion Ratio Lower Upper
63 100
65 30.9 25.7 38.5



#46
Dibromomethane
Concen: 22.471 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 93 Resp: 14305
Ion Ratio Lower Upper
93 100
95 79.3 65.6 98.4
174 106.5 81.3 121.9

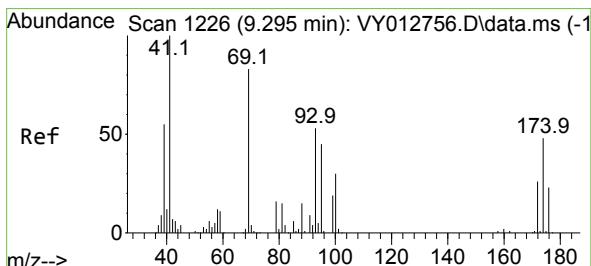
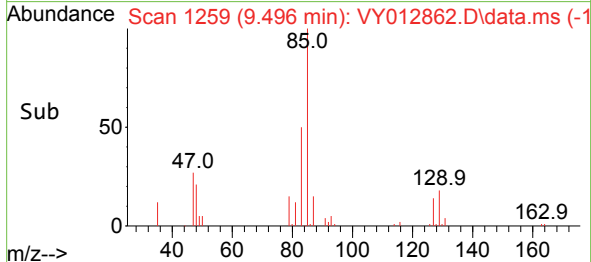
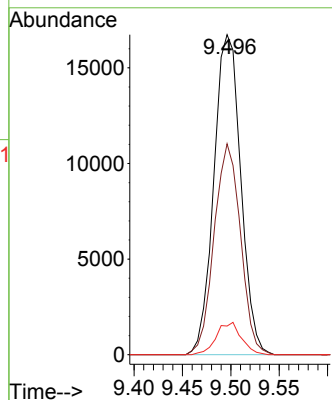
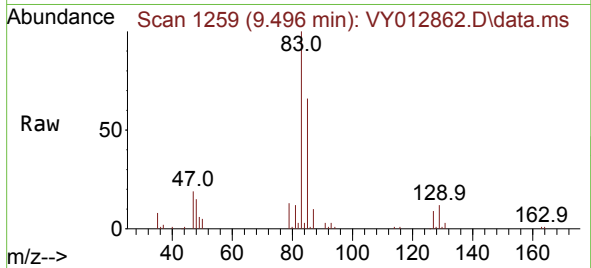




#47
Bromodichloromethane
Concen: 21.587 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

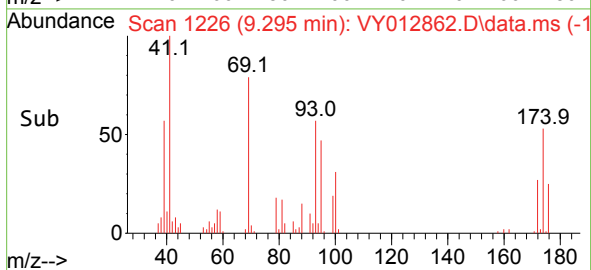
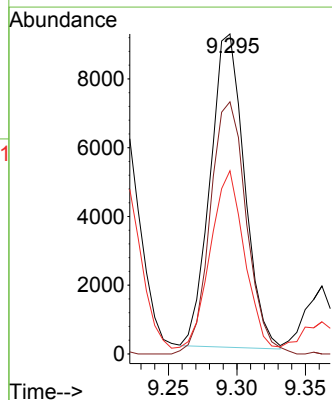
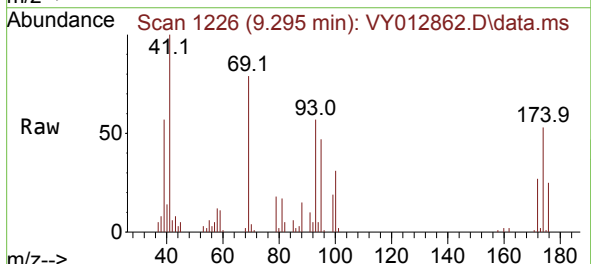
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

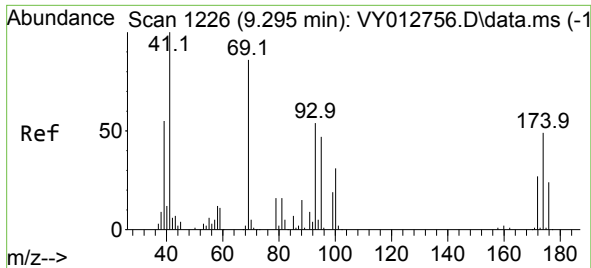
Tgt Ion: 83 Resp: 32385
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 19.557 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 41 Resp: 15839
Ion Ratio Lower Upper
41 100
69 85.3 64.1 96.1
39 56.7 44.0 66.0

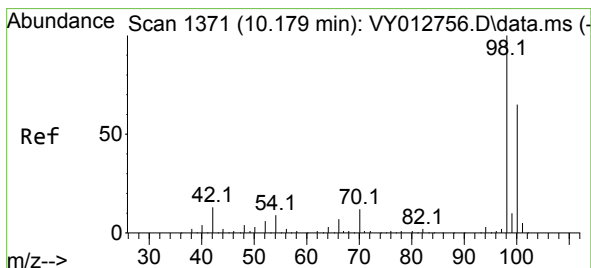
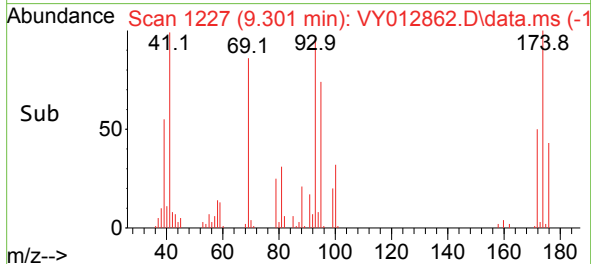
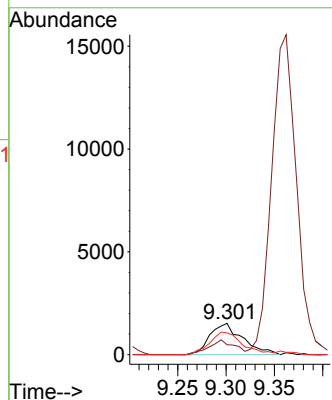
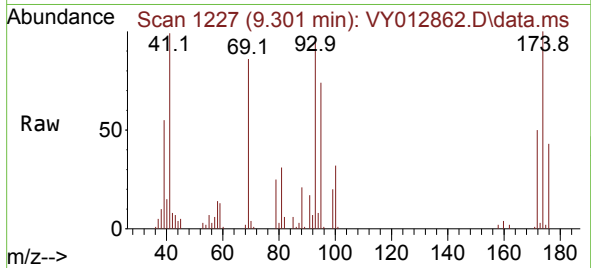




#49
1,4-Dioxane
Concen: 438.170 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

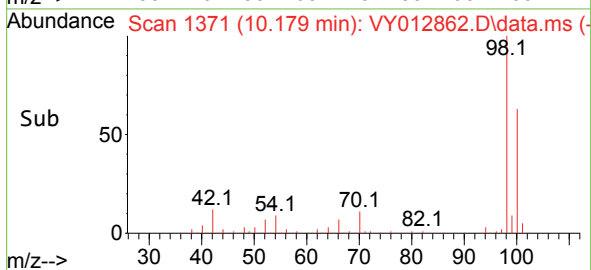
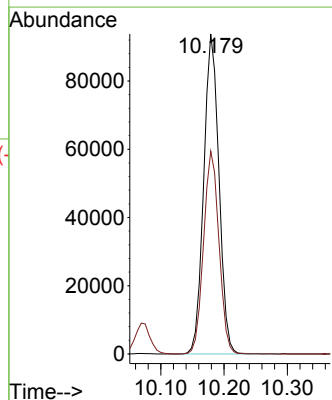
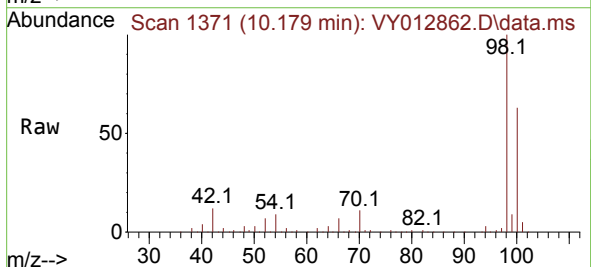
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

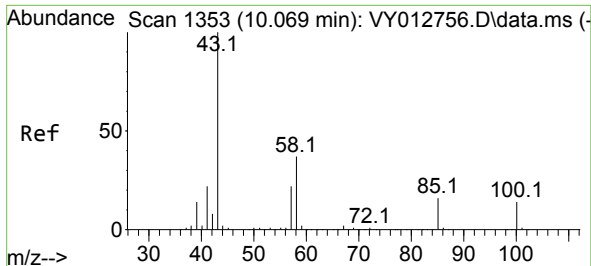
Tgt Ion: 88 Resp: 3606
Ion Ratio Lower Upper
88 100
43 36.6 28.6 42.8
58 71.8 55.2 82.8



#50
Toluene-d8
Concen: 46.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 98 Resp: 157284
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

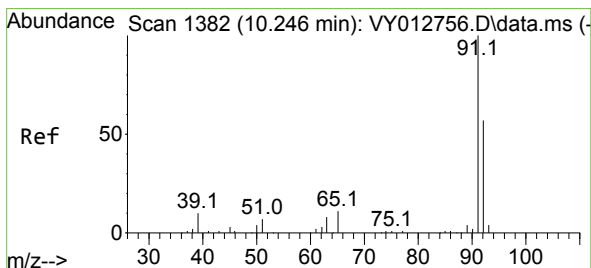
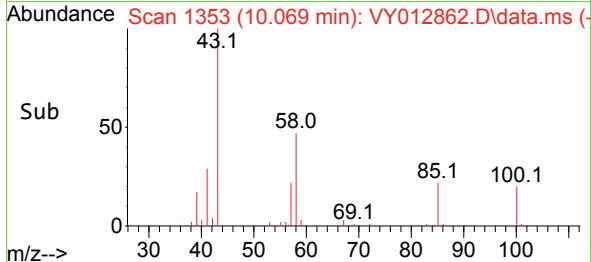
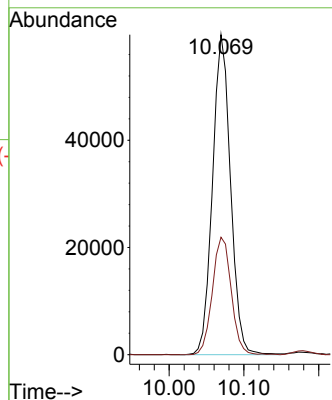
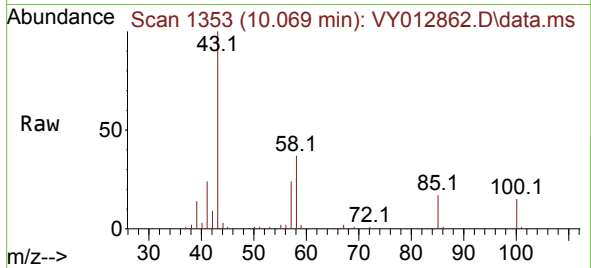




#51
4-Methyl-2-Pentanone
Concen: 104.897 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

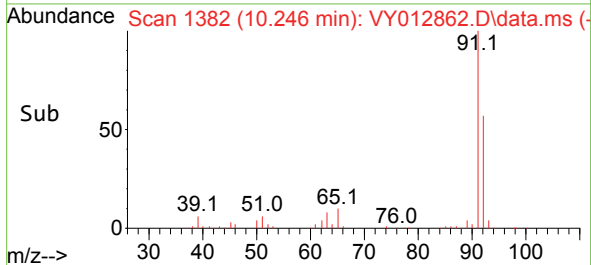
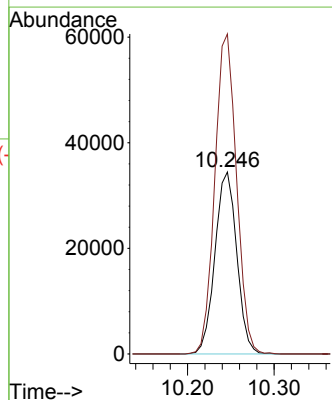
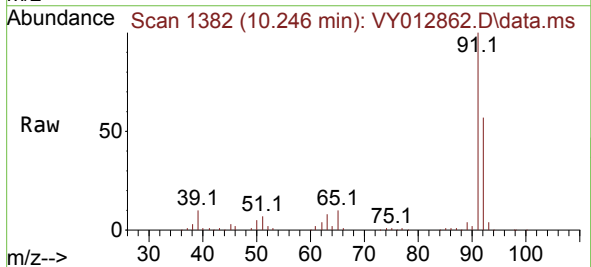
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

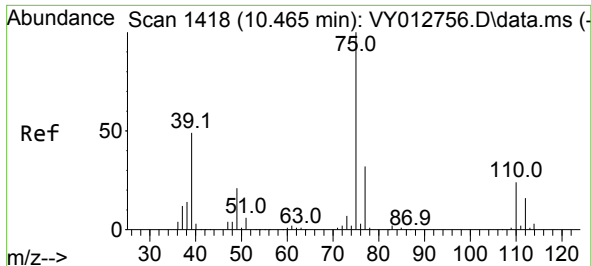
Tgt Ion: 43 Resp: 100012
Ion Ratio Lower Upper
43 100
58 38.4 29.8 44.6



#52
Toluene
Concen: 22.572 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 92 Resp: 60190
Ion Ratio Lower Upper
92 100
91 175.1 141.3 211.9

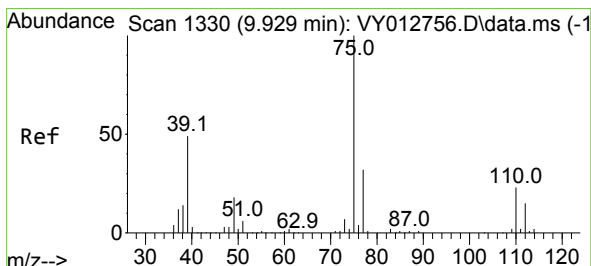
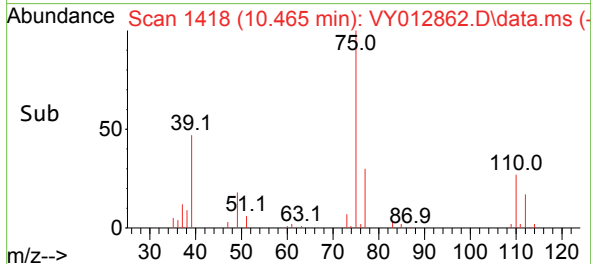
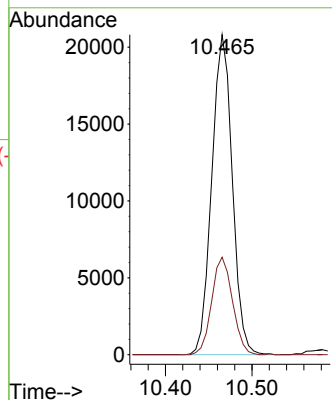
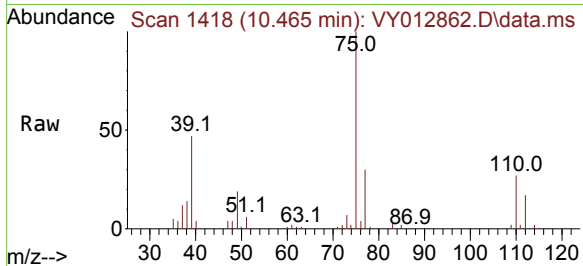




#53
t-1,3-Dichloropropene
Concen: 21.757 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

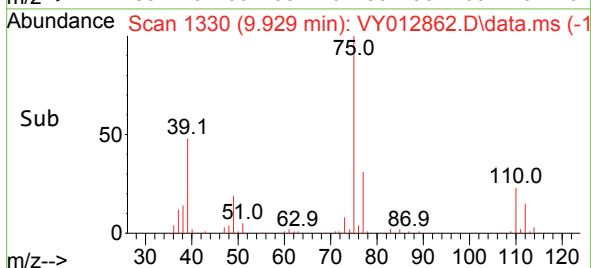
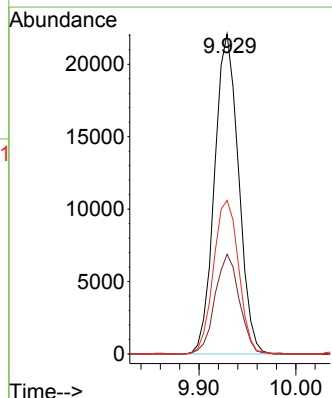
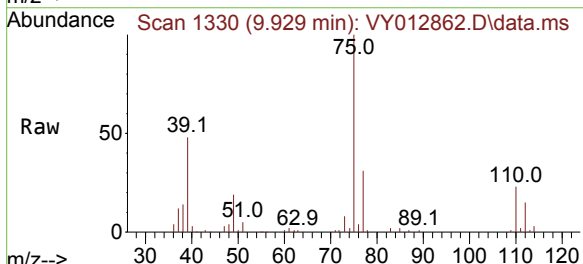
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

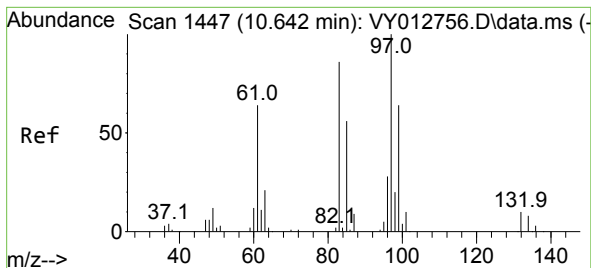
Tgt Ion: 75 Resp: 34236
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.421 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion: 75 Resp: 38151
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 48.0 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.367 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

Tgt Ion: 97 Resp: 19830

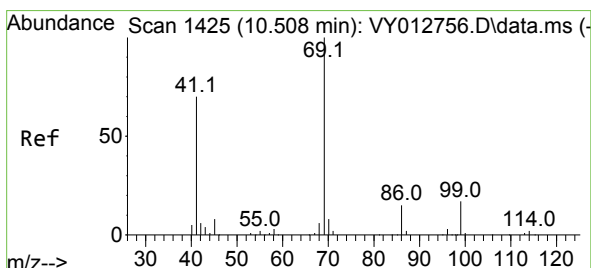
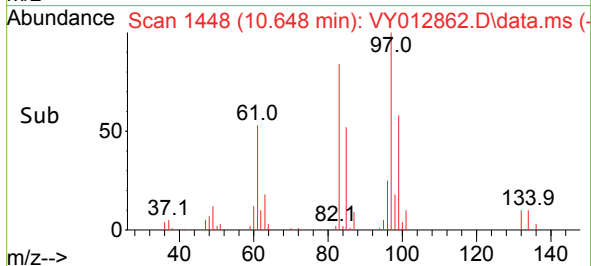
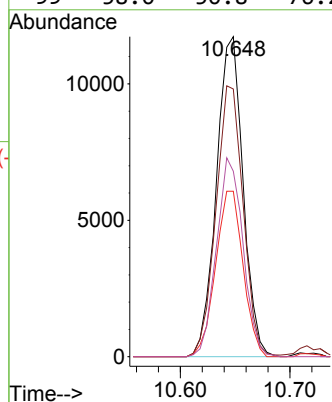
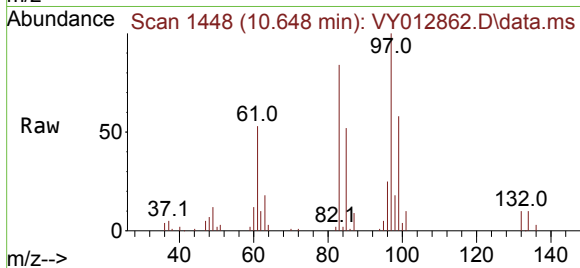
Ion Ratio Lower Upper

97 100

83 83.7 69.0 103.6

85 51.7 44.9 67.3

99 58.0 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.029 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

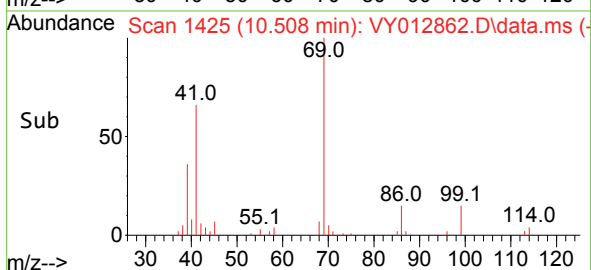
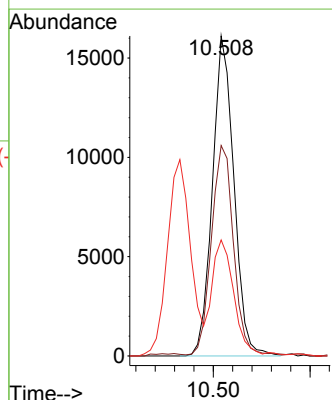
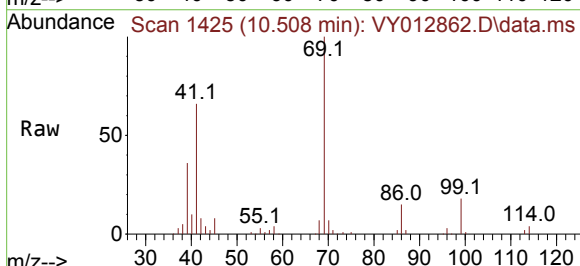
Tgt Ion: 69 Resp: 24859

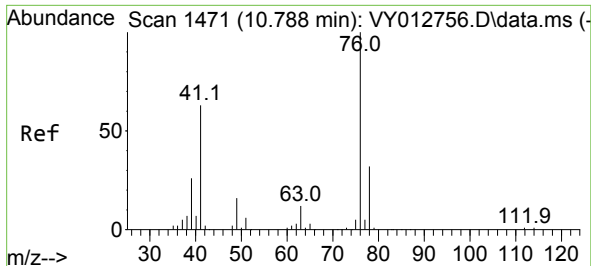
Ion Ratio Lower Upper

69 100

41 67.0 56.4 84.6

39 36.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 21.836 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

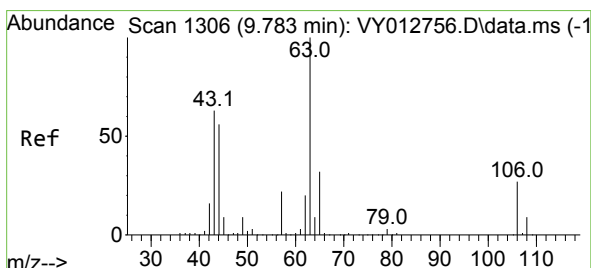
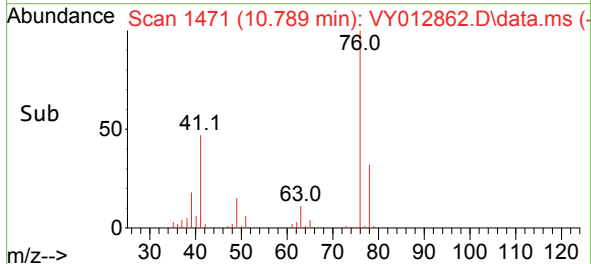
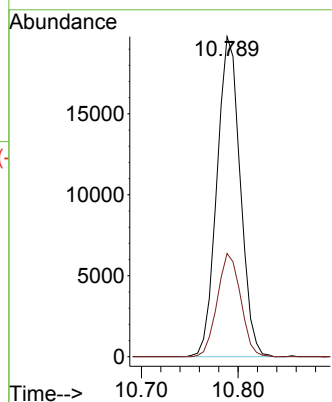
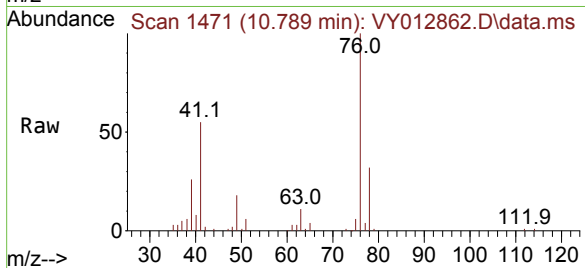
VY0308SBS01

Tgt Ion: 76 Resp: 32974

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.622 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012862.D

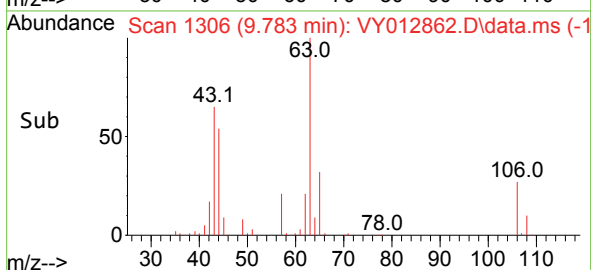
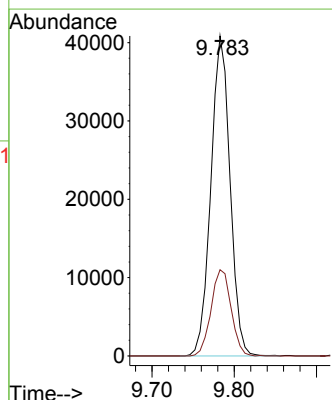
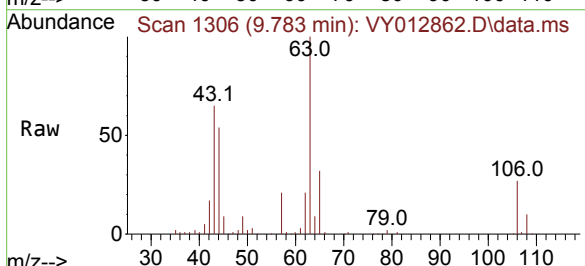
Acq: 08 Mar 2023 11:46

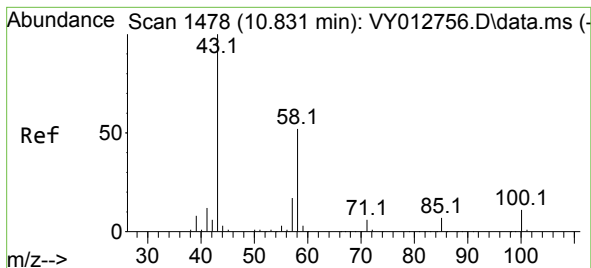
Tgt Ion: 63 Resp: 66167

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1





#59

2-Hexanone

Concen: 108.381 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

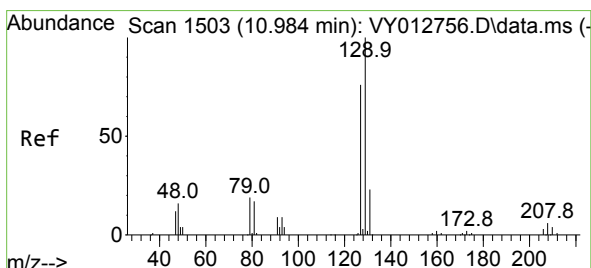
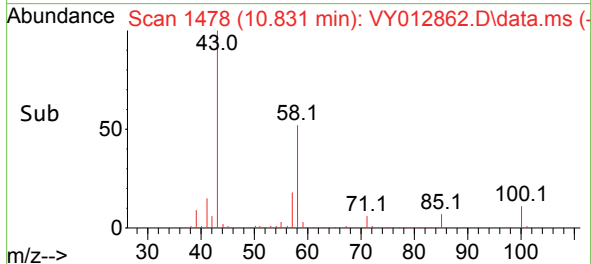
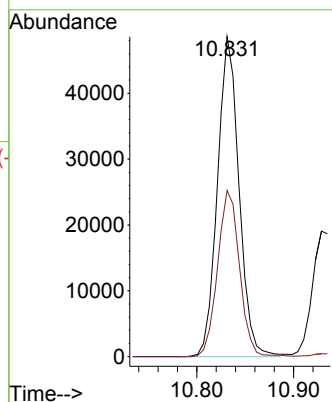
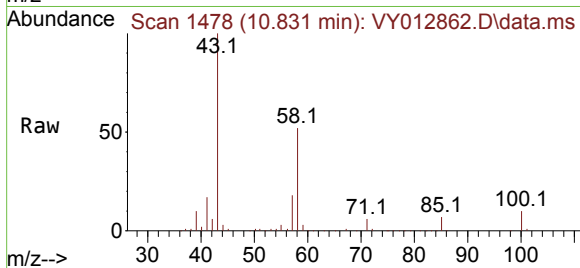
VY0308SBS01

Tgt Ion: 43 Resp: 75101

Ion Ratio Lower Upper

43 100

58 52.9 25.9 77.8



#60

Dibromochloromethane

Concen: 22.682 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012862.D

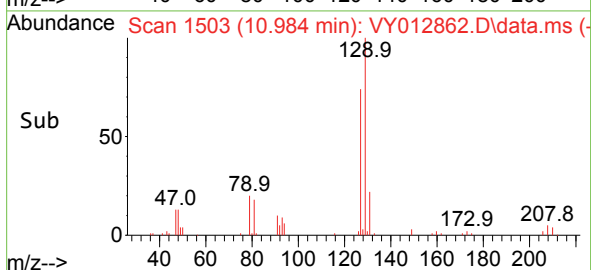
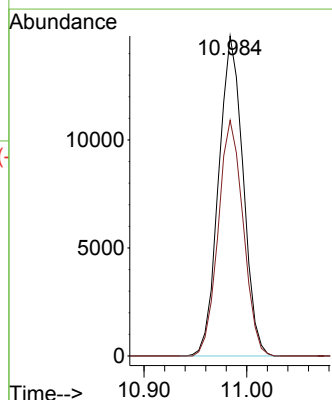
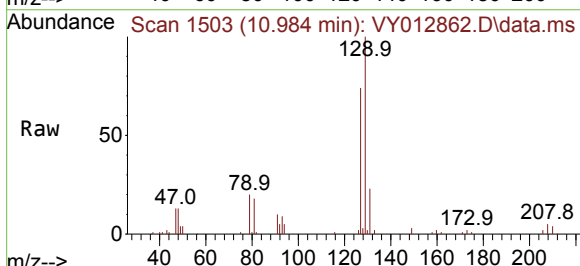
Acq: 08 Mar 2023 11:46

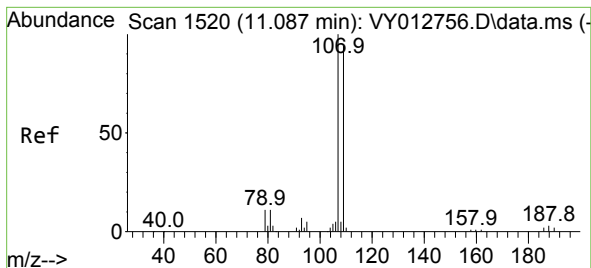
Tgt Ion: 129 Resp: 24478

Ion Ratio Lower Upper

129 100

127 75.1 38.7 116.1

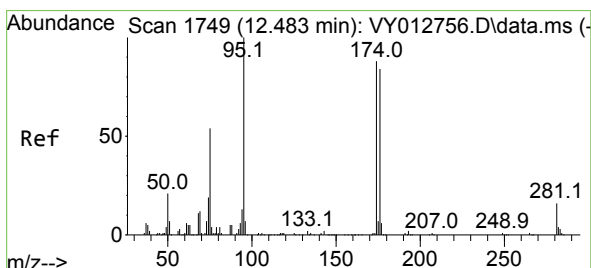
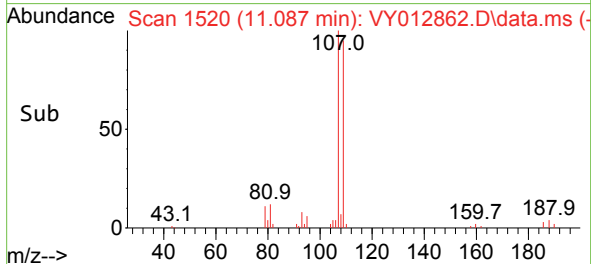
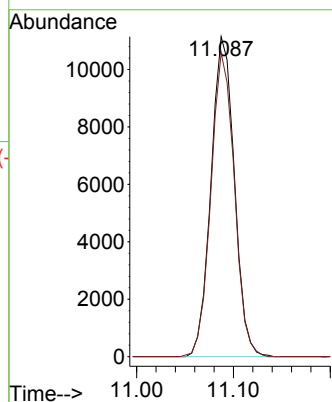
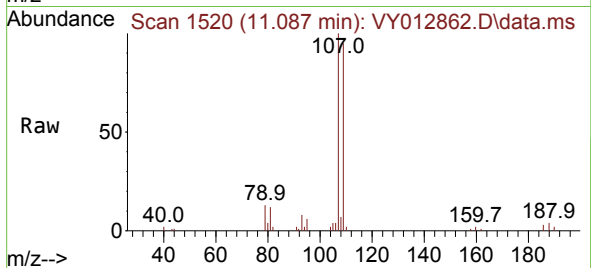




#61
 1,2-Dibromoethane
 Concen: 21.869 ug/l
 RT: 11.087 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

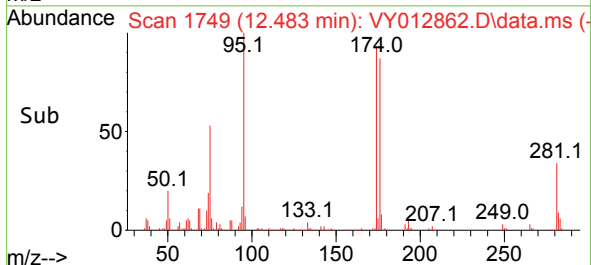
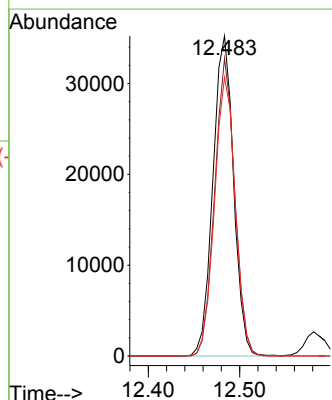
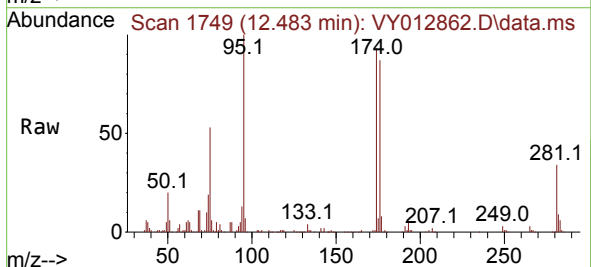
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

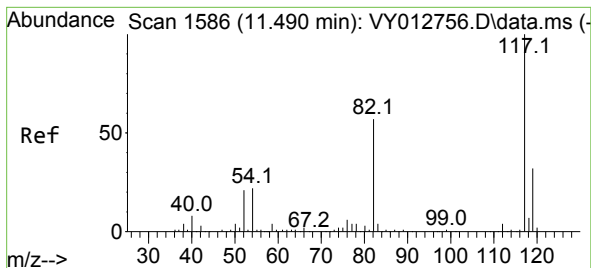
Tgt Ion:107 Resp: 18677
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.915 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY012862.D
 Acq: 08 Mar 2023 11:46

Tgt Ion: 95 Resp: 55147
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 176.6
 176 87.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

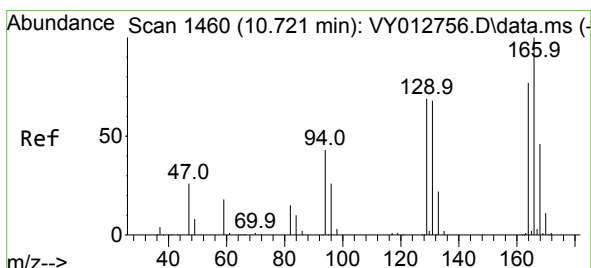
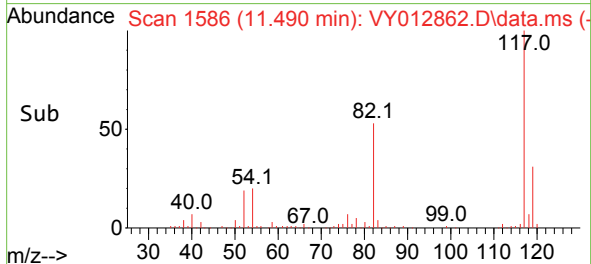
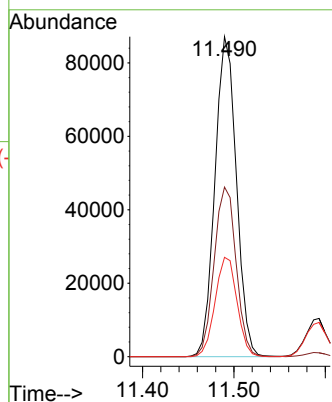
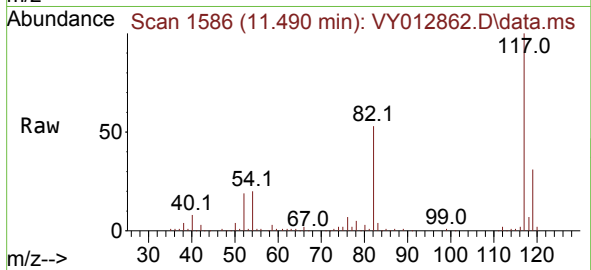
Tgt Ion:117 Resp: 142178

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

119 31.0 25.6 38.4



#64

Tetrachloroethene

Concen: 21.915 ug/l

RT: 10.722 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Tgt Ion:164 Resp: 22686

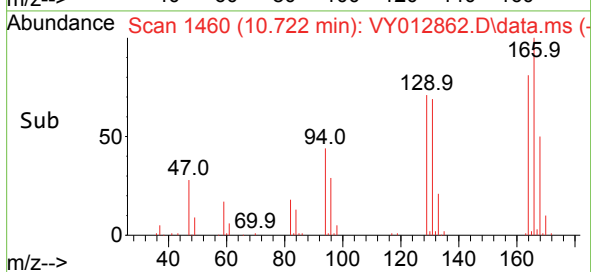
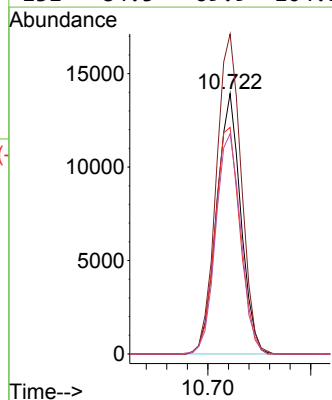
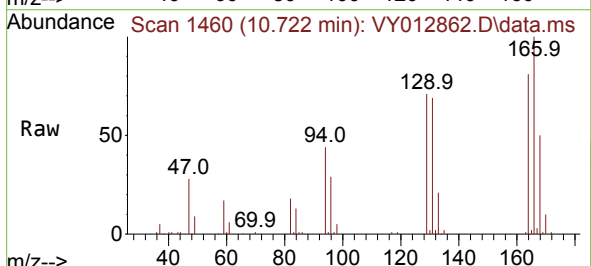
Ion Ratio Lower Upper

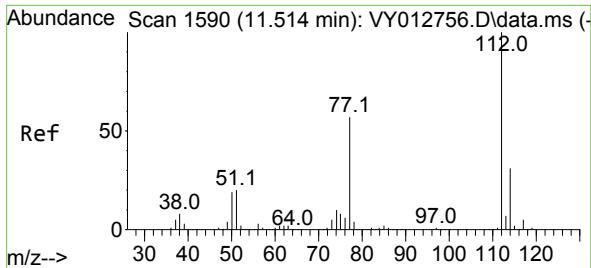
164 100

166 122.9 103.4 155.2

129 87.0 71.4 107.2

131 84.5 69.9 104.9

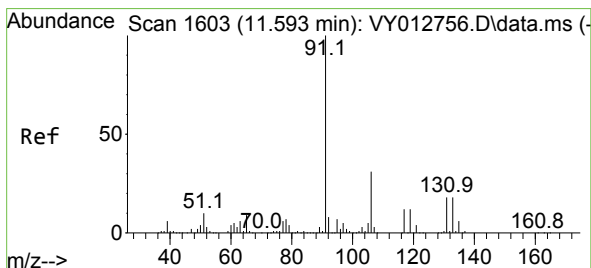
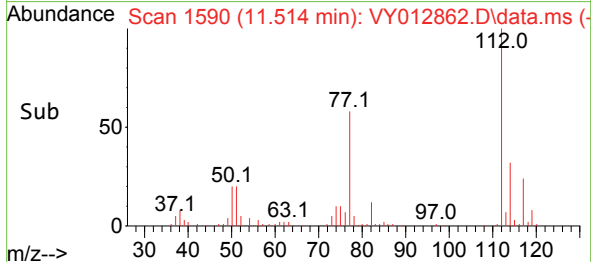
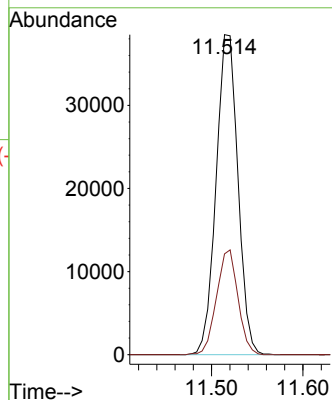
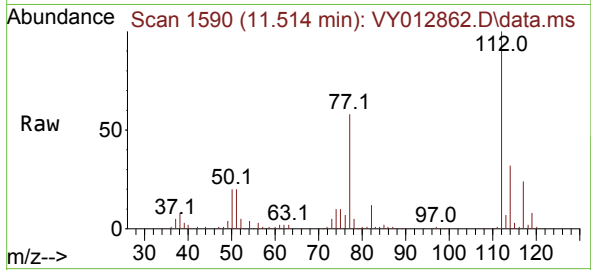




#65
Chlorobenzene
Concen: 21.418 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

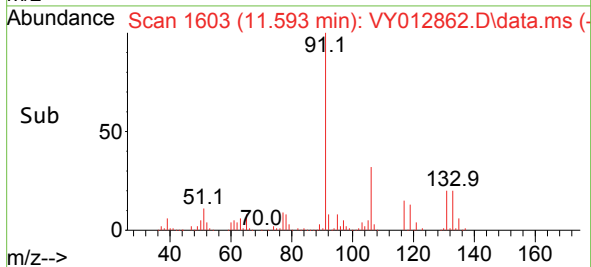
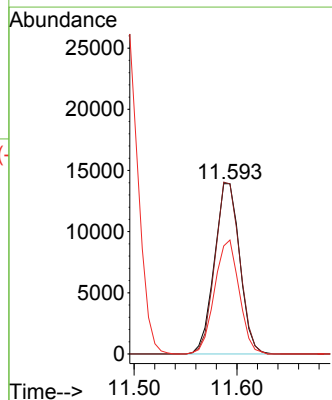
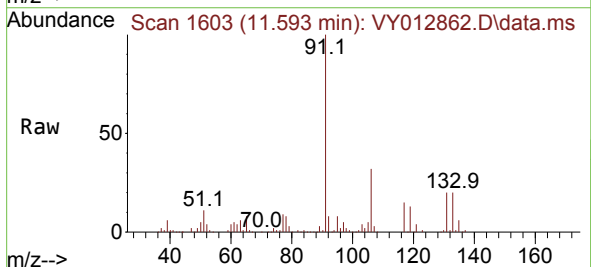
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

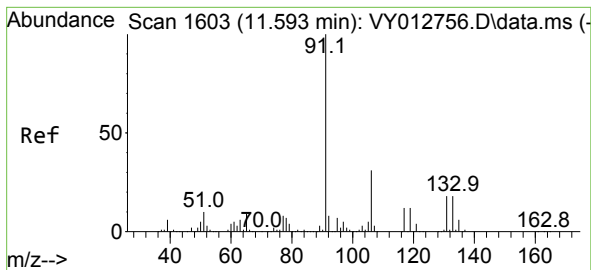
Tgt Ion:112 Resp: 63910
Ion Ratio Lower Upper
112 100
114 31.5 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.625 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:131 Resp: 23878
Ion Ratio Lower Upper
131 100
133 98.3 48.0 144.0
119 64.8 32.6 98.0





#67

Ethyl Benzene

Concen: 20.982 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

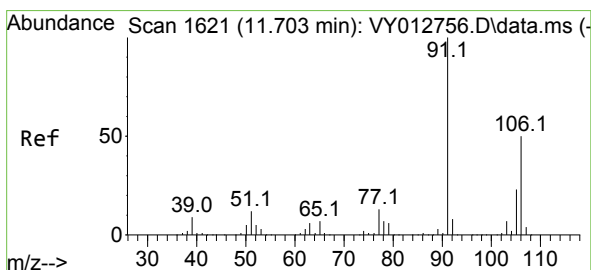
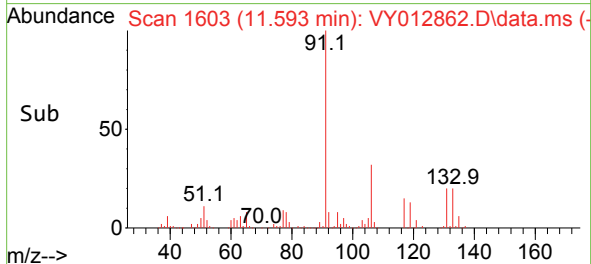
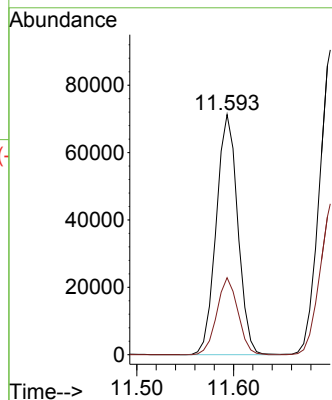
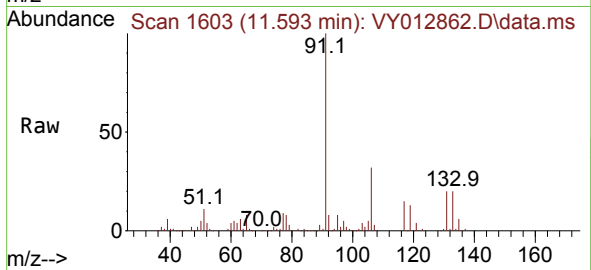
VY0308SBS01

Tgt Ion: 91 Resp: 110076

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 42.649 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012862.D

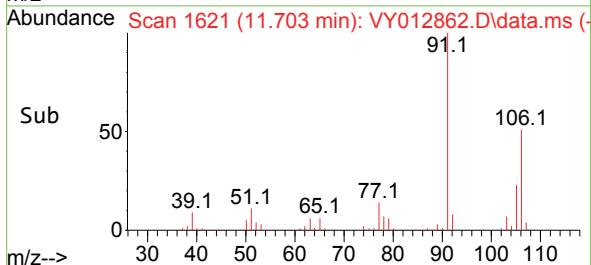
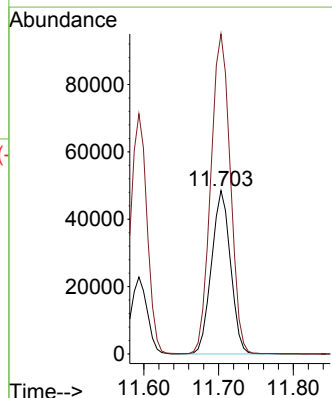
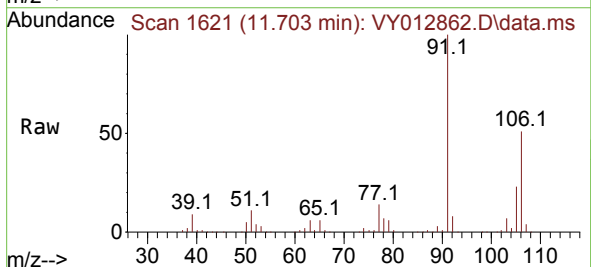
Acq: 08 Mar 2023 11:46

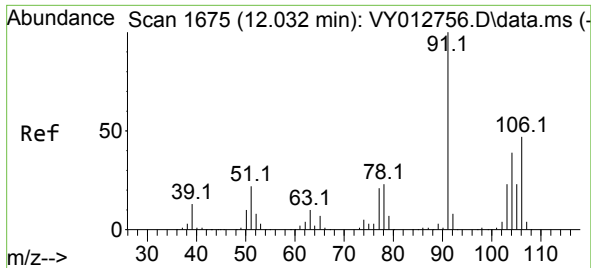
Tgt Ion: 106 Resp: 86075

Ion Ratio Lower Upper

106 100

91 200.4 159.8 239.8

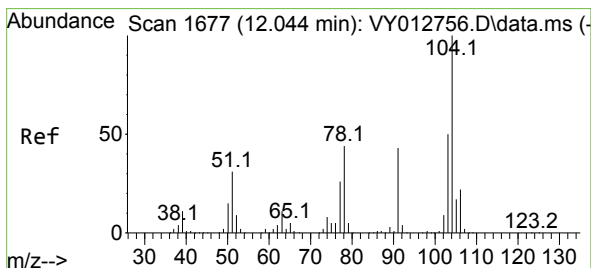
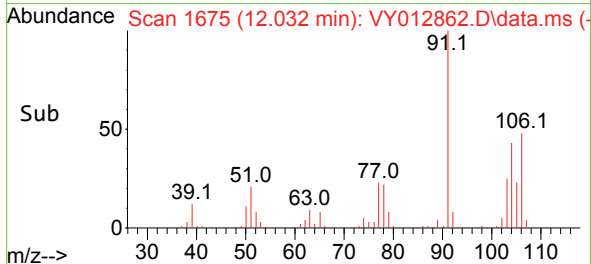
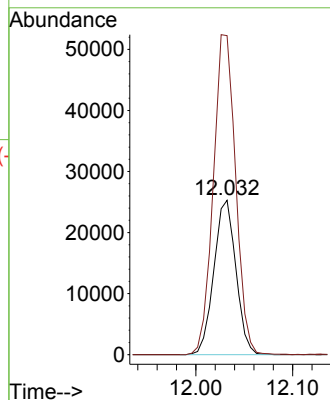
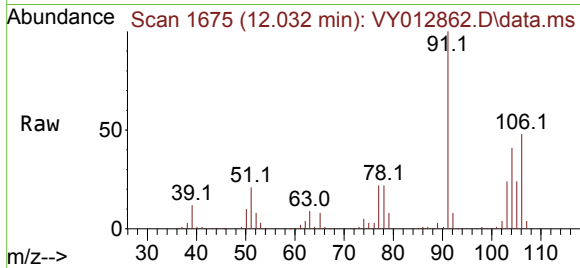




#69
o-Xylene
Concen: 21.229 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

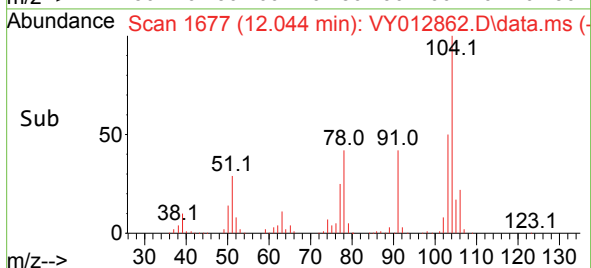
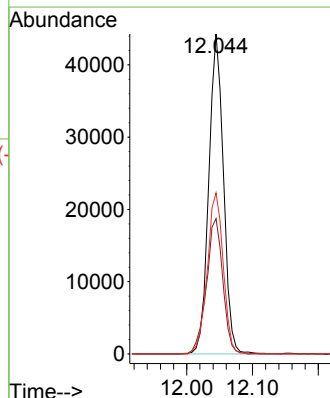
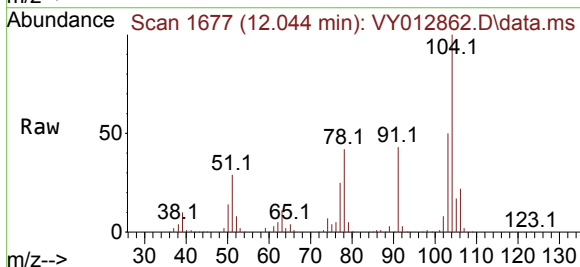
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

Tgt Ion:106 Resp: 39986
Ion Ratio Lower Upper
106 100
91 210.4 107.2 321.6



#70
Styrene
Concen: 21.927 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:104 Resp: 68923
Ion Ratio Lower Upper
104 100
78 47.2 39.2 58.8
103 54.7 43.7 65.5





#71

Bromoform

Concen: 22.626 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

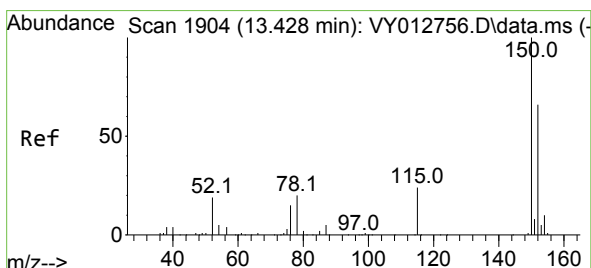
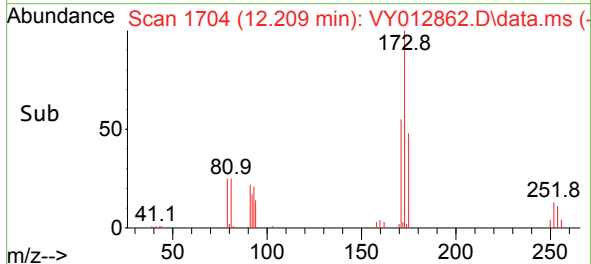
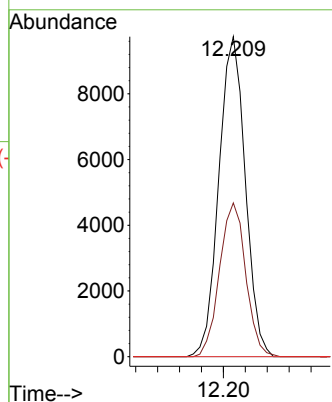
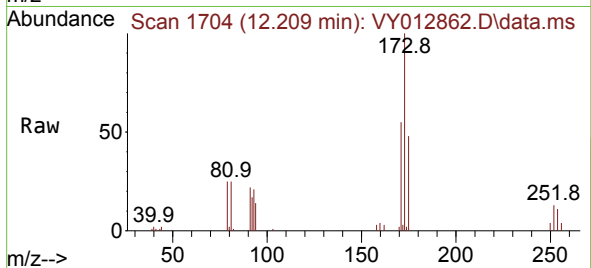
Tgt Ion:173 Resp: 16289

Ion Ratio Lower Upper

173 100

175 47.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

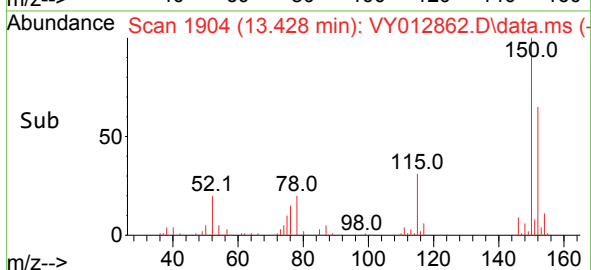
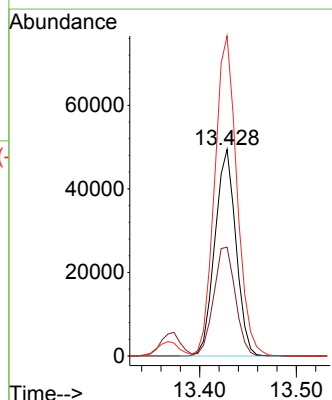
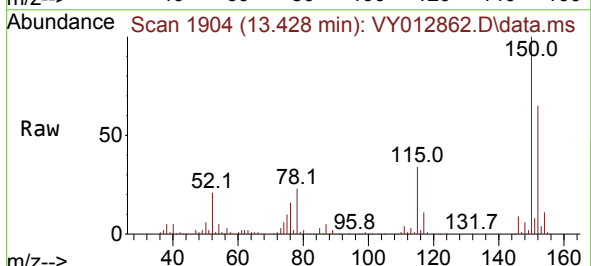
Tgt Ion:152 Resp: 74611

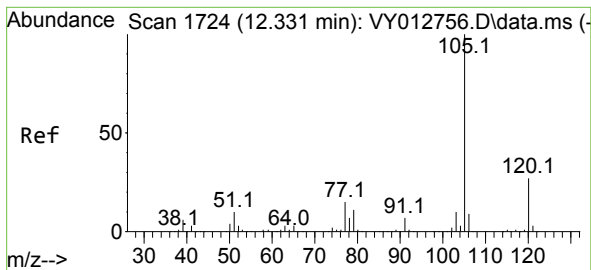
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 163.9 0.0 347.8





#73

Isopropylbenzene

Concen: 20.389 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

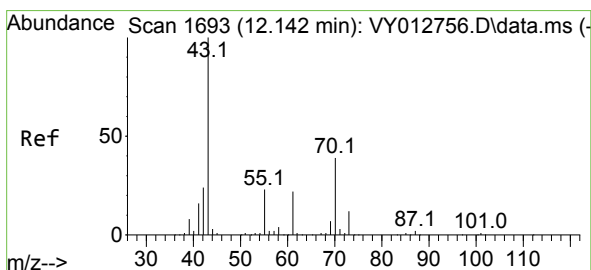
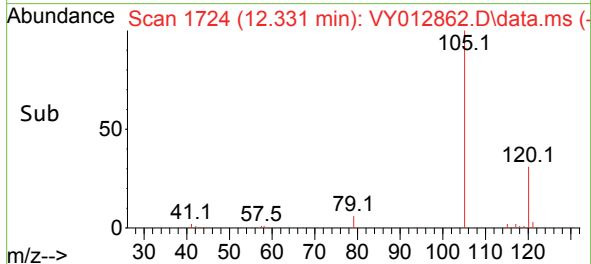
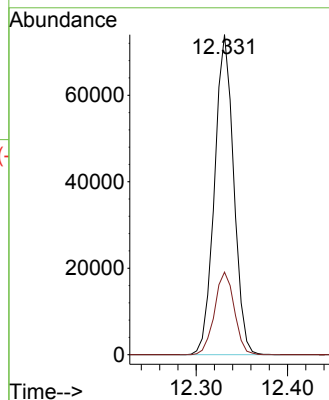
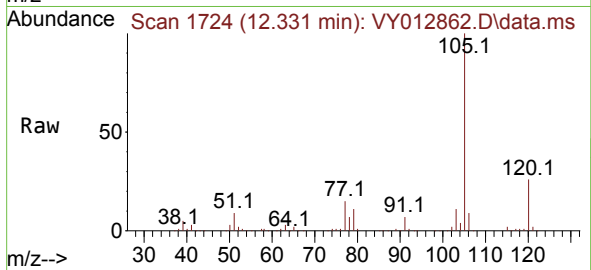
VY0308SBS01

Tgt Ion:105 Resp: 107814

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 18.905 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Tgt Ion: 43 Resp: 31452

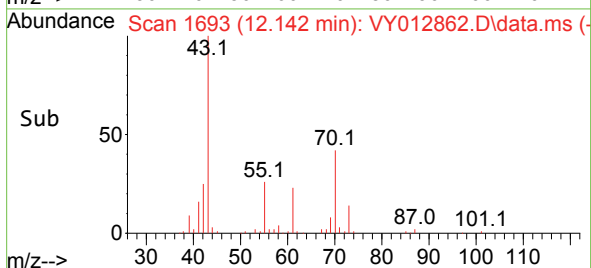
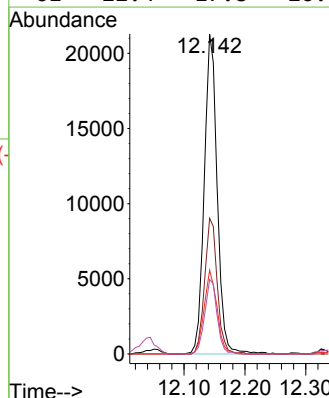
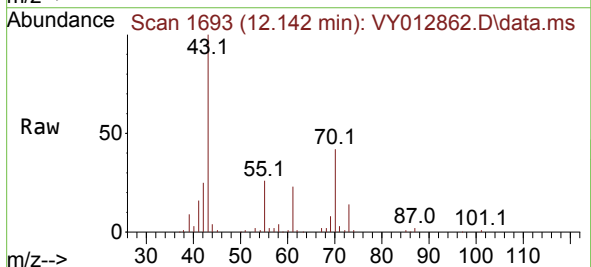
Ion Ratio Lower Upper

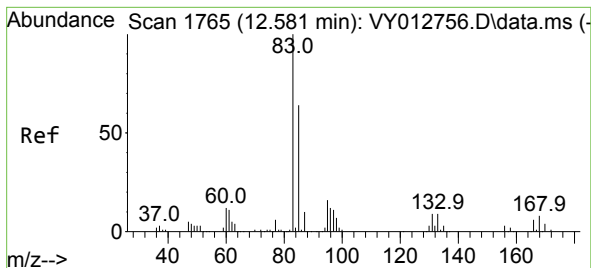
43 100

70 41.5 31.6 47.4

55 26.1 18.8 28.2

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.139 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

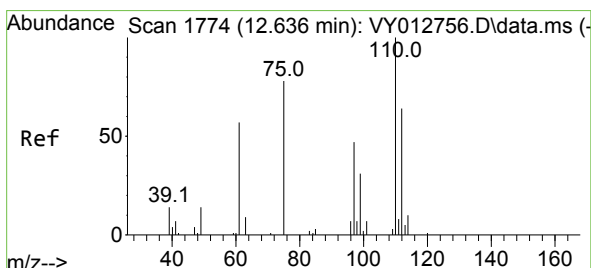
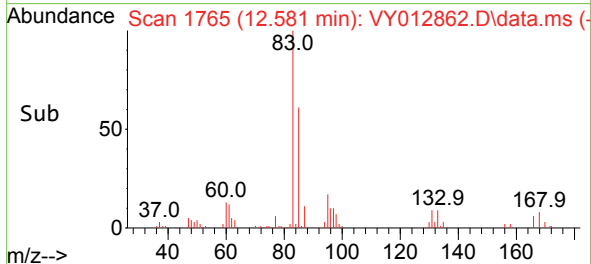
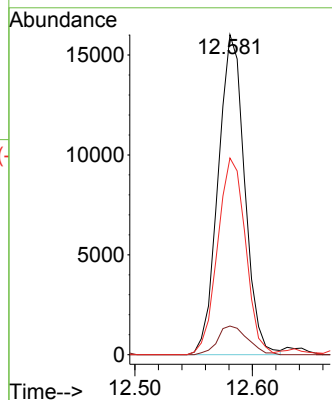
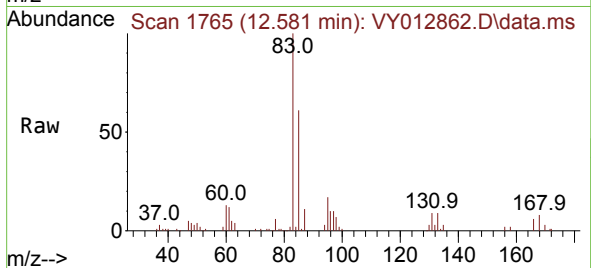
Tgt Ion: 83 Resp: 25127

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 64.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 35.367 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012862.D

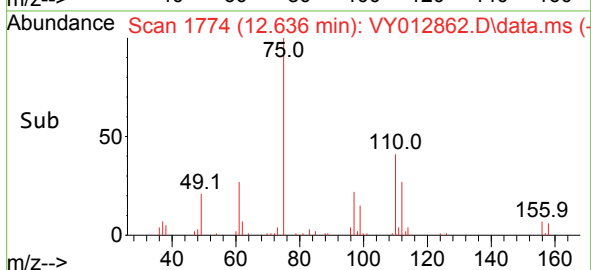
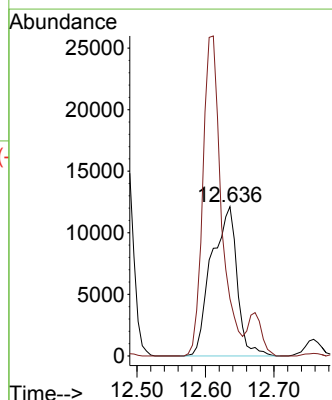
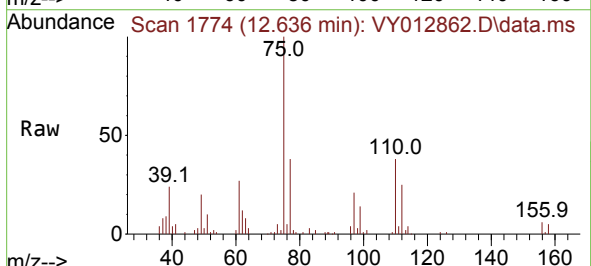
Acq: 08 Mar 2023 11:46

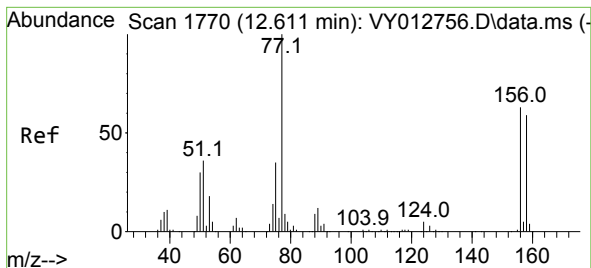
Tgt Ion: 75 Resp: 31511

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.783 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

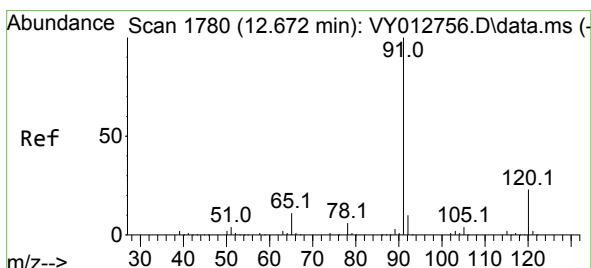
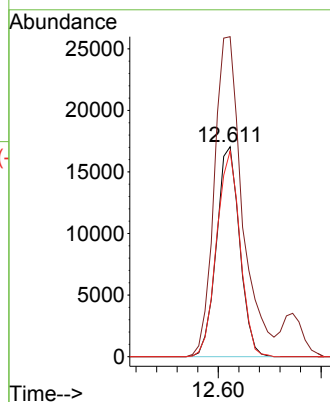
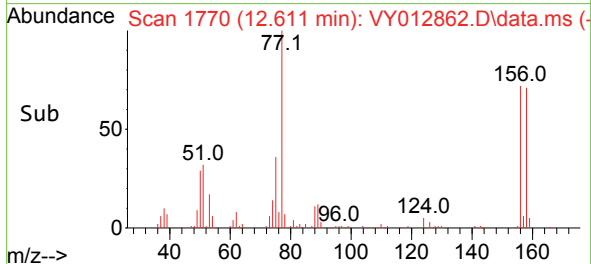
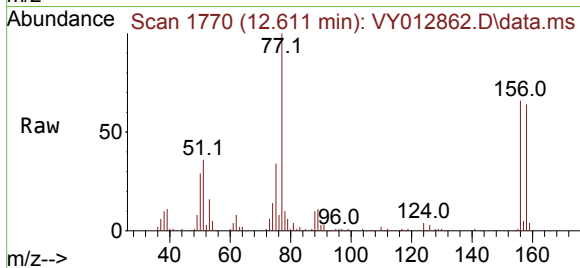
Tgt Ion:156 Resp: 26697

Ion Ratio Lower Upper

156 100

77 183.6 94.0 282.1

158 98.6 48.1 144.4



#78

n-propylbenzene

Concen: 20.602 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012862.D

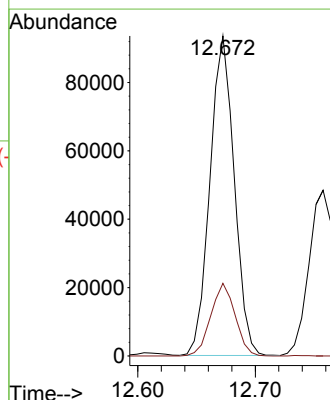
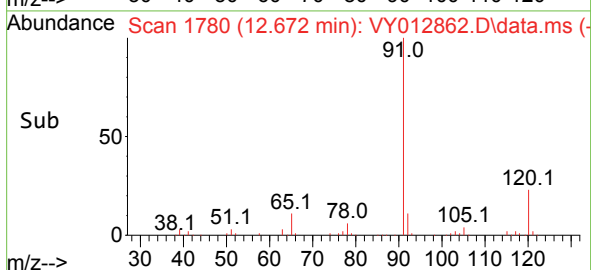
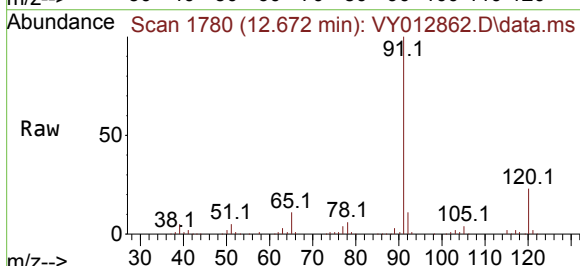
Acq: 08 Mar 2023 11:46

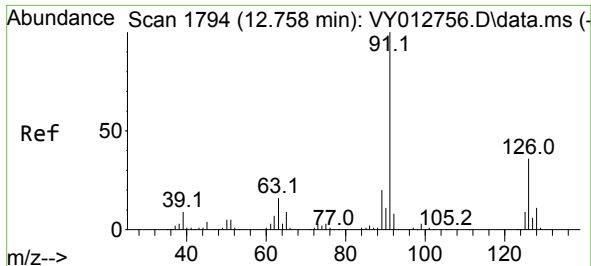
Tgt Ion: 91 Resp: 134311

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

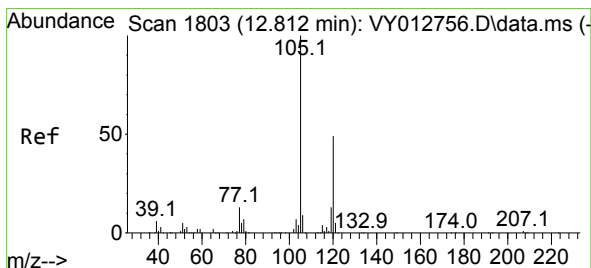
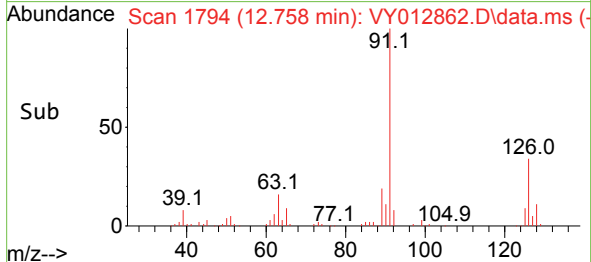
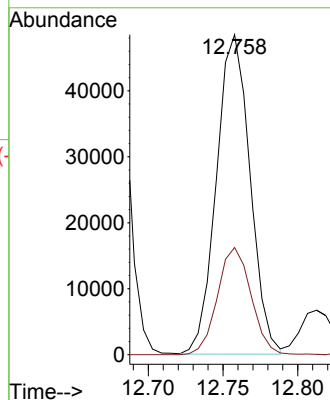
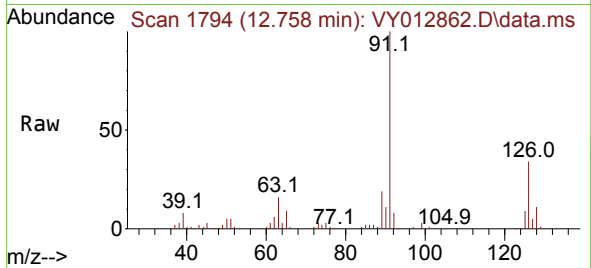




#79
2-Chlorotoluene
Concen: 20.891 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

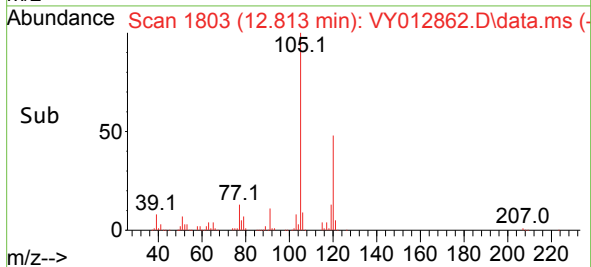
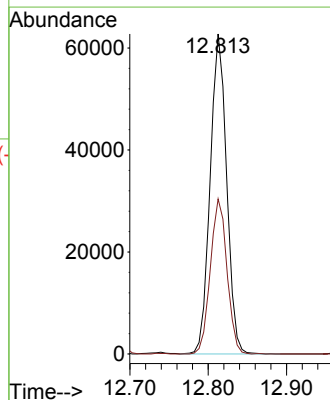
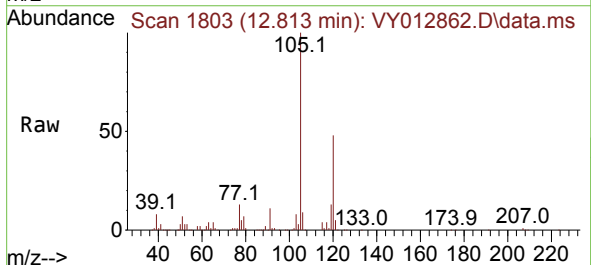
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

Tgt Ion: 91 Resp: 75695
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.955 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:105 Resp: 91442
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.4

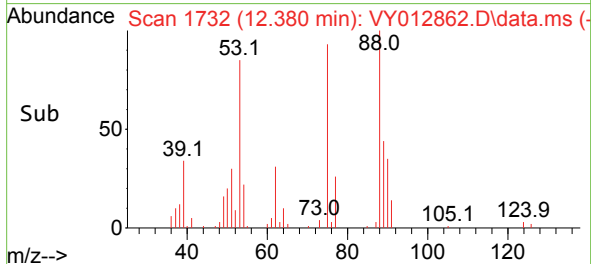
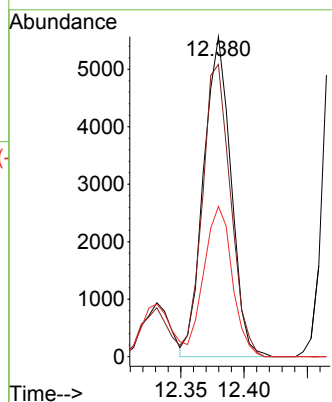
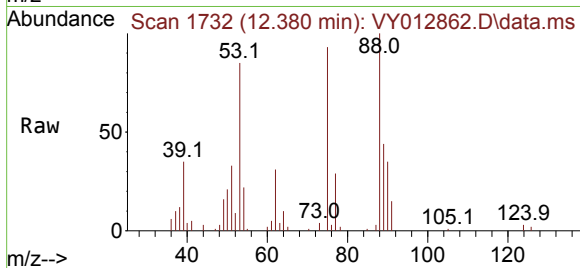




#81
trans-1,4-Dichloro-2-butene
Concen: 19.509 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

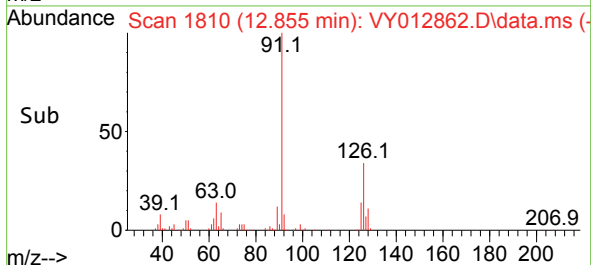
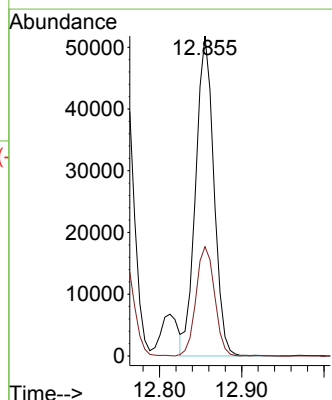
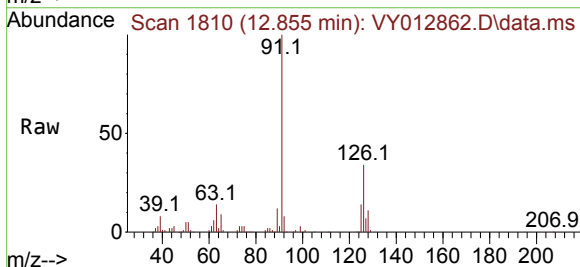
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

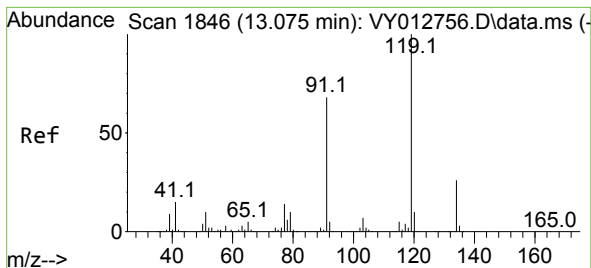
Tgt Ion:	75	Resp:	8389
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.4	110.0
89	48.2	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.175 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:	91	Resp:	79419
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.7	53.1





#83

tert-Butylbenzene

Concen: 20.267 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

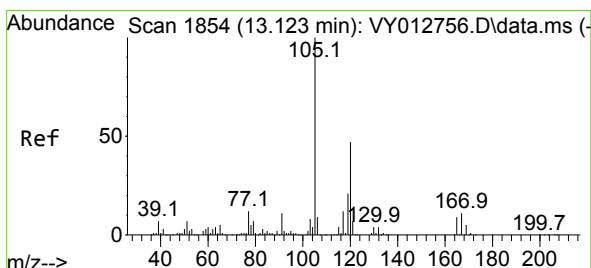
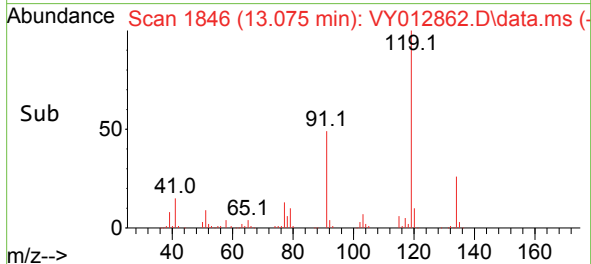
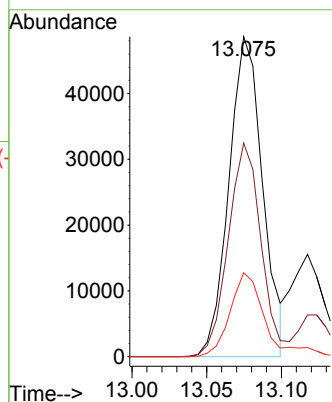
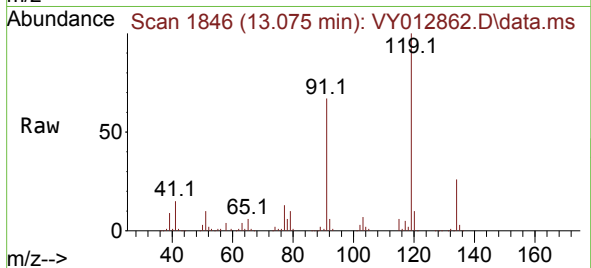
Tgt Ion:119 Resp: 76334

Ion Ratio Lower Upper

119 100

91 65.4 32.8 98.3

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.956 ug/l

RT: 13.124 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012862.D

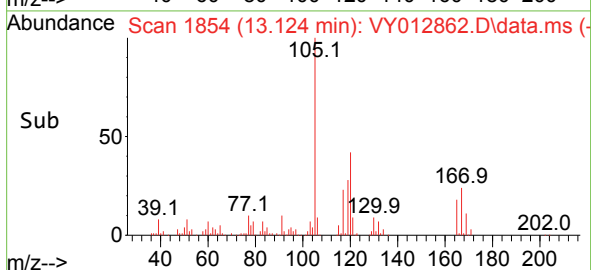
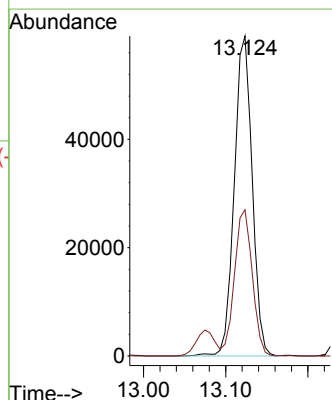
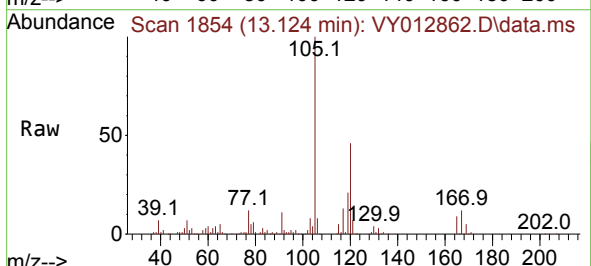
Acq: 08 Mar 2023 11:46

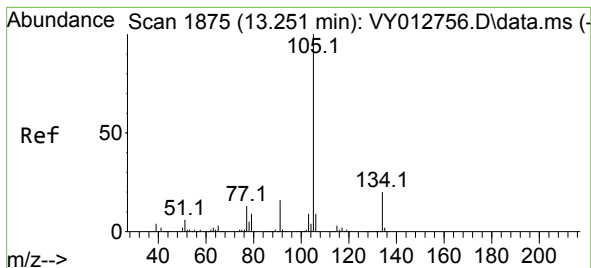
Tgt Ion:105 Resp: 89423

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.666 ug/l

RT: 13.252 min Scan# 118747

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

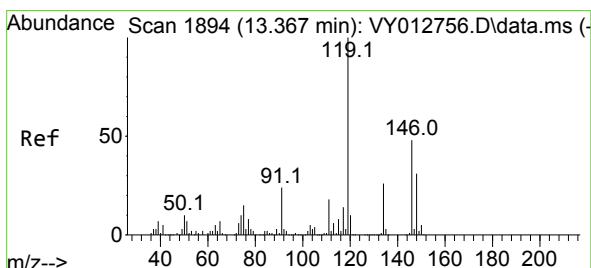
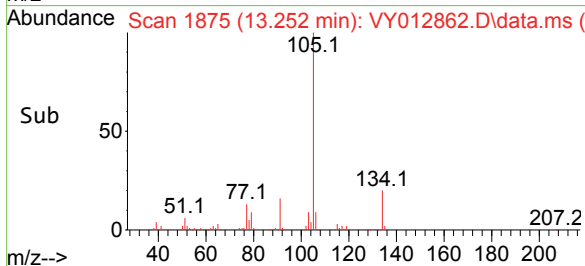
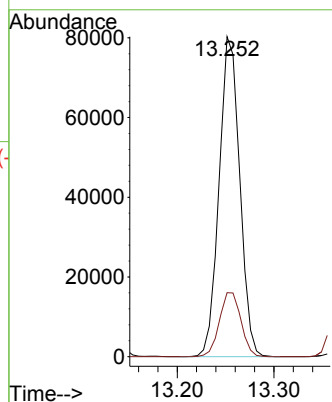
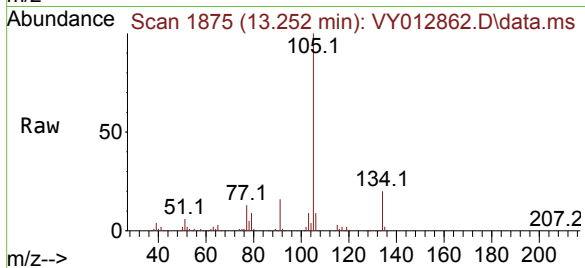
VY0308SBS01

Tgt Ion:105 Resp: 118747

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.809 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

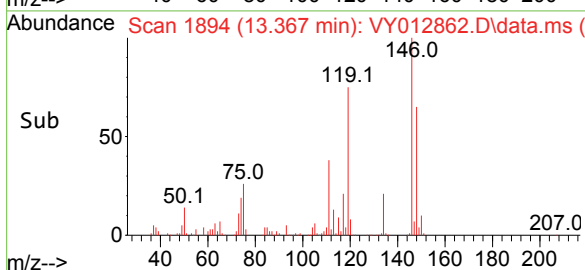
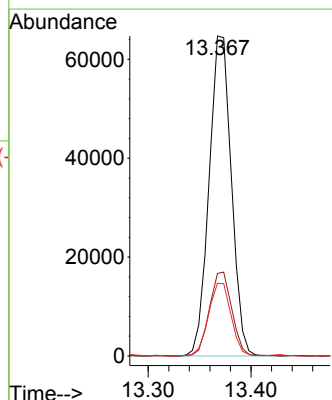
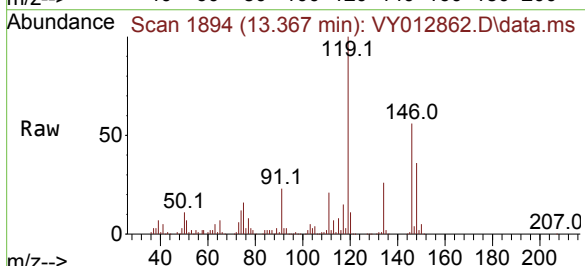
Tgt Ion:119 Resp: 97724

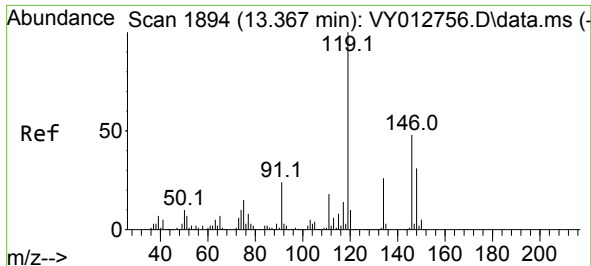
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.1 11.8 35.3

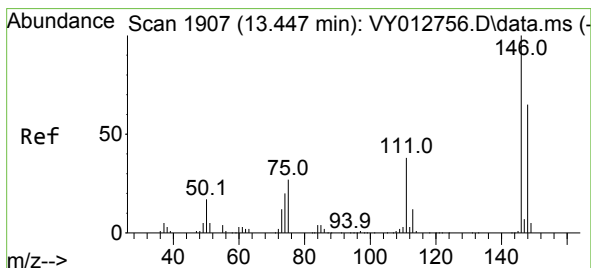
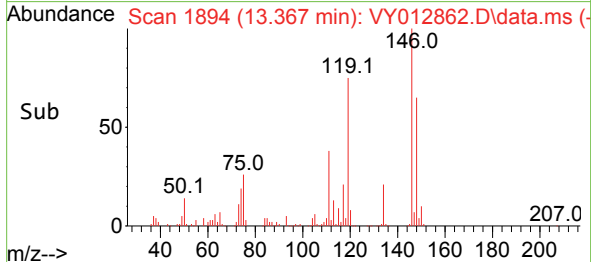
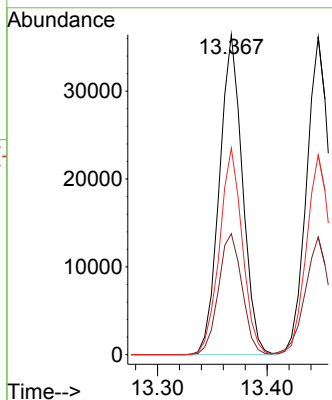
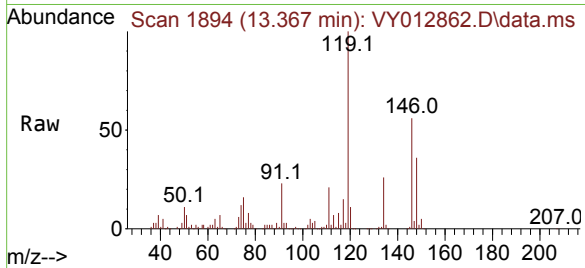




#87
1,3-Dichlorobenzene
Concen: 21.481 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

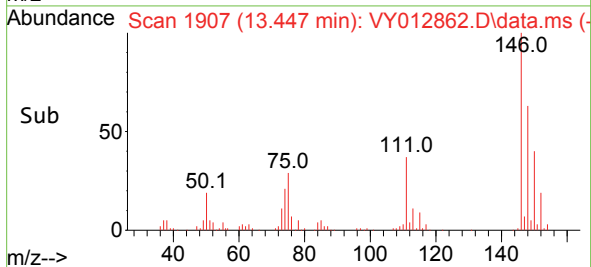
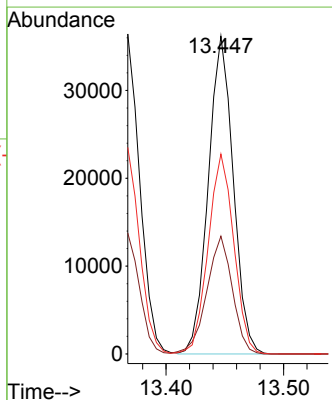
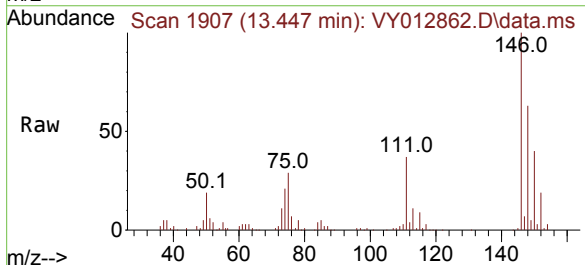
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBS01

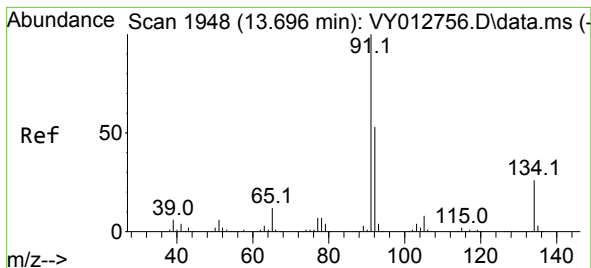
Tgt Ion:146 Resp: 53219
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.5
148 64.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 21.129 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012862.D
Acq: 08 Mar 2023 11:46

Tgt Ion:146 Resp: 53426
Ion Ratio Lower Upper
146 100
111 38.0 18.6 55.8
148 64.6 31.5 94.5





#89

n-Butylbenzene

Concen: 20.112 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

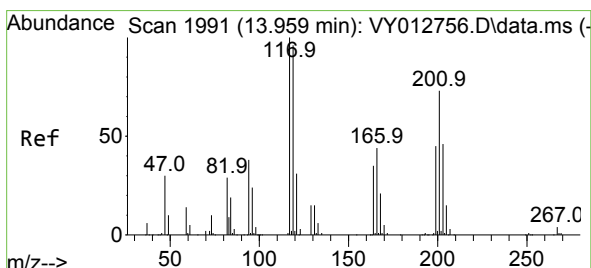
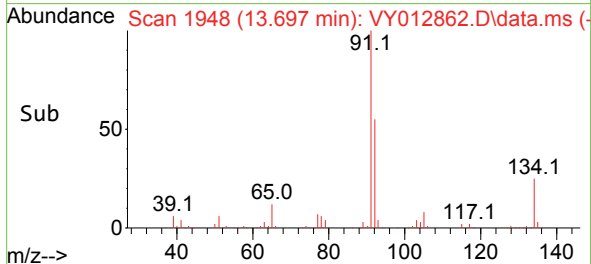
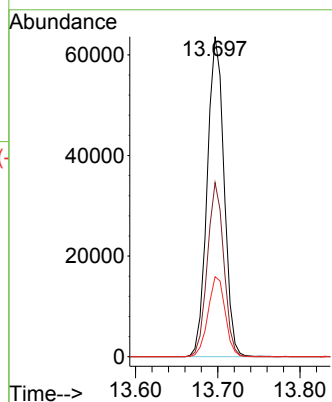
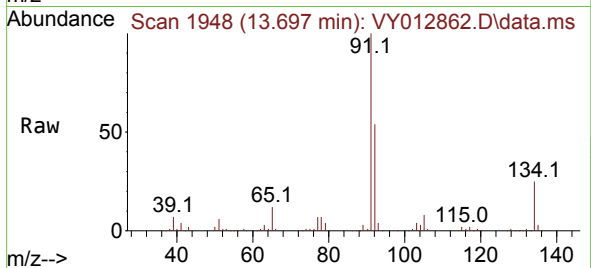
Tgt Ion: 91 Resp: 90417

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.0

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 20.700 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012862.D

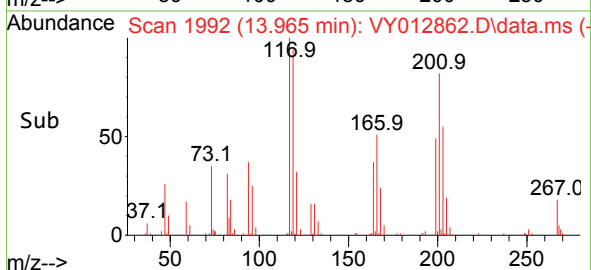
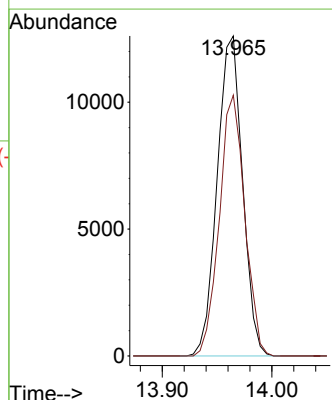
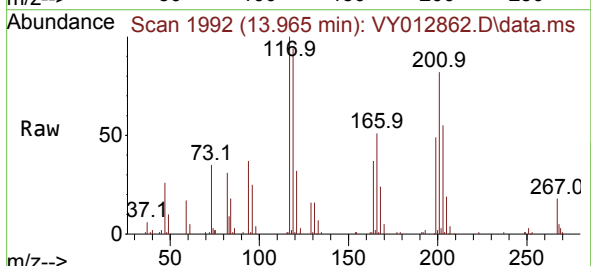
Acq: 08 Mar 2023 11:46

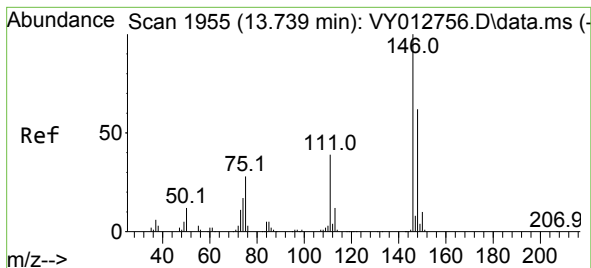
Tgt Ion: 117 Resp: 20247

Ion Ratio Lower Upper

117 100

201 81.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 21.536 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

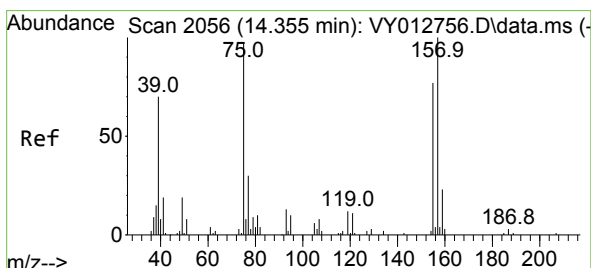
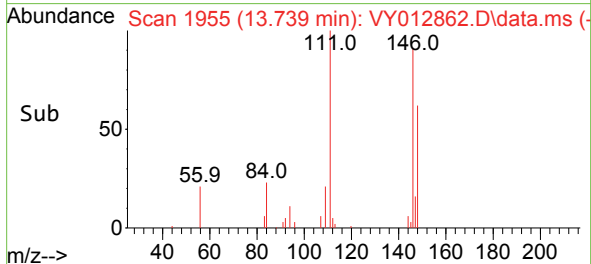
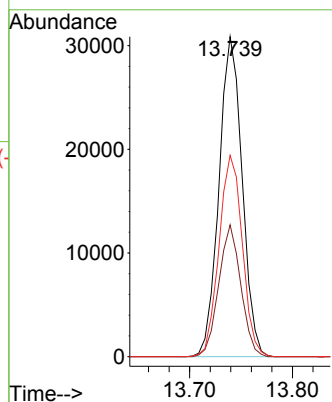
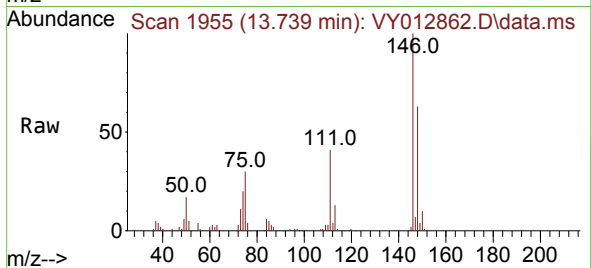
Tgt Ion:146 Resp: 48232

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

148 63.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.421 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

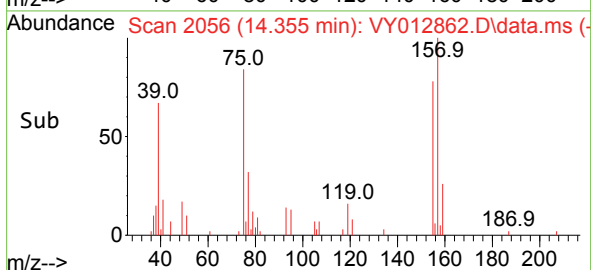
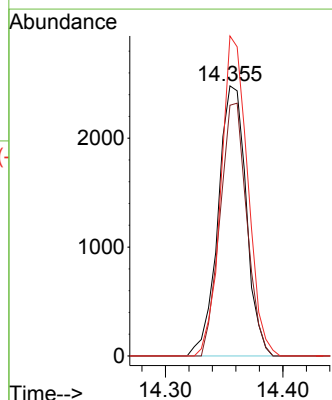
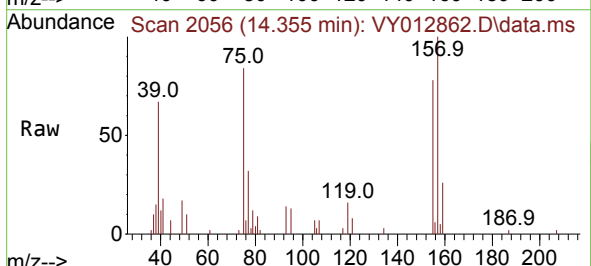
Tgt Ion: 75 Resp: 4115

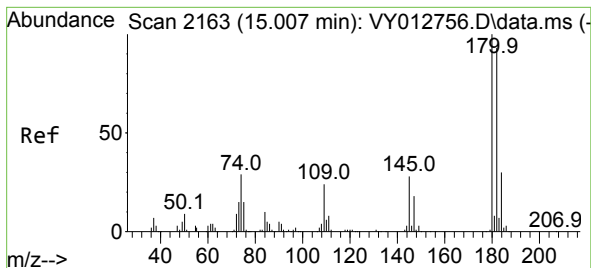
Ion Ratio Lower Upper

75 100

155 89.2 43.8 131.4

157 112.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.558 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

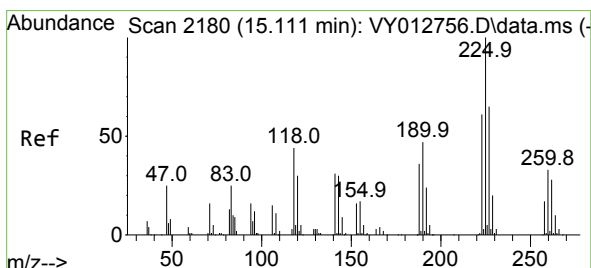
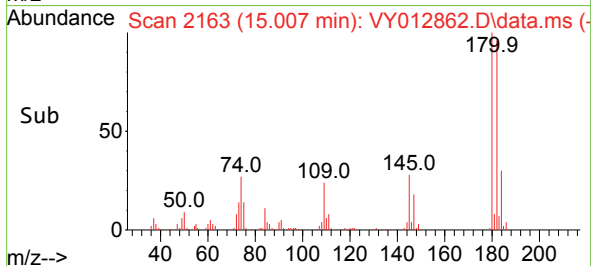
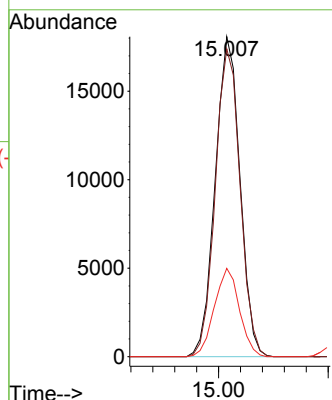
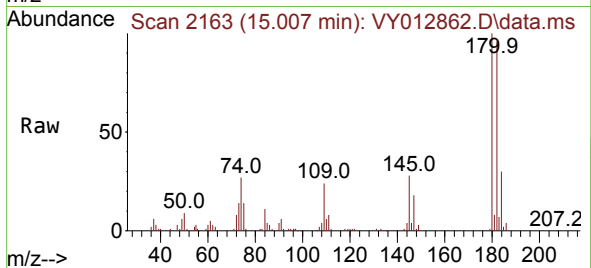
Tgt Ion:180 Resp: 28348

Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.1

145 27.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.167 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

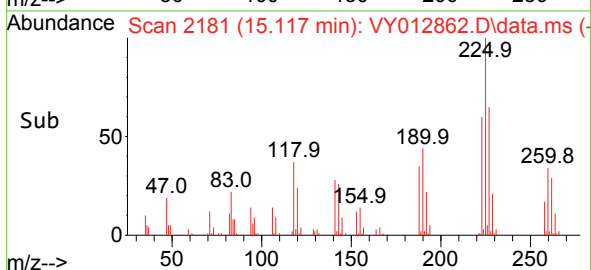
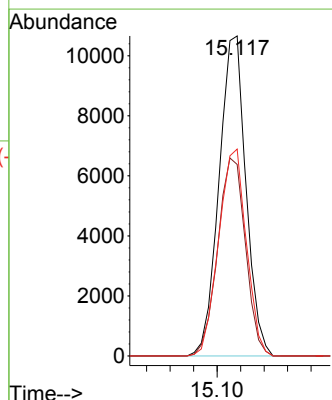
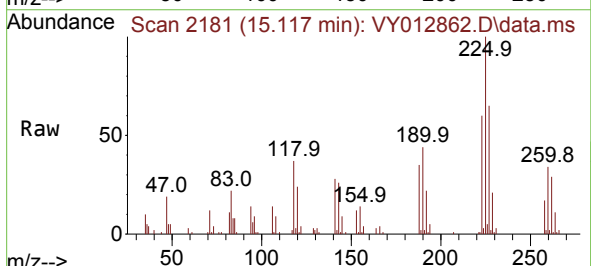
Tgt Ion:225 Resp: 16961

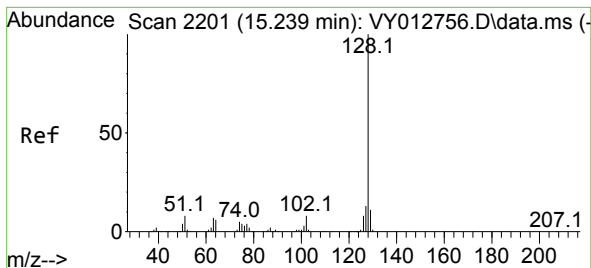
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.3

227 66.4 32.4 97.0





#95

Naphthalene

Concen: 20.082 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0308SBS01

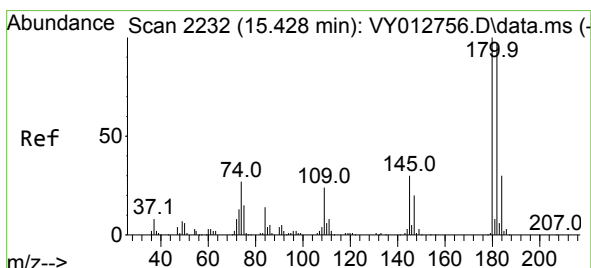
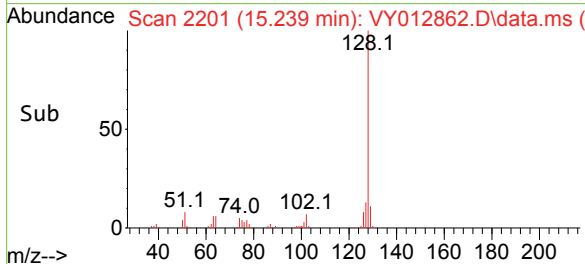
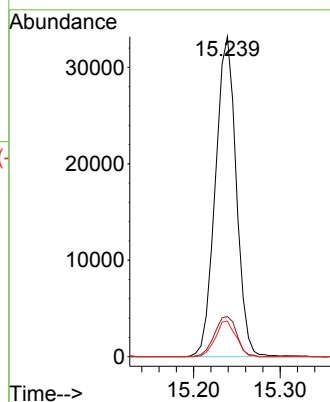
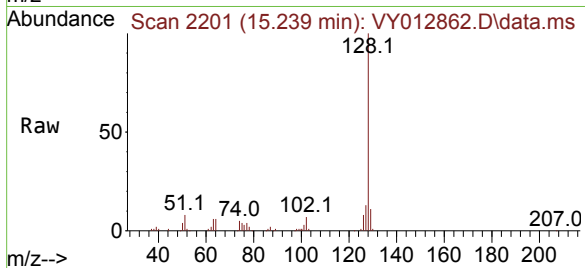
Tgt Ion:128 Resp: 55492

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.984 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012862.D

Acq: 08 Mar 2023 11:46

Tgt Ion:180 Resp: 25734

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 29.7 15.3 45.8

