

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012962.D
 Acq On : 16 Mar 2023 11:45
 Operator : KP/MD
 Sample : VY0316SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

Quant Time: Mar 17 01:32:47 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	77261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38448	50.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.716	113	37759	53.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.179	98	124344	48.130	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.260%	
62) 4-Bromofluorobenzene	12.483	95	45933	52.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15992	21.000	ug/l	99
3) Chloromethane	2.113	50	18458	20.275	ug/l	95
4) Vinyl Chloride	2.253	62	17139	20.530	ug/l	96
5) Bromomethane	2.643	94	11300	22.276	ug/l	88
6) Chloroethane	2.790	64	11170	22.341	ug/l	97
7) Trichlorofluoromethane	3.125	101	30918	22.298	ug/l	96
8) Diethyl Ether	3.534	74	11061	22.764	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	18425	22.087	ug/l	100
10) Methyl Iodide	4.094	142	21524	19.802	ug/l	98
11) Tert butyl alcohol	4.954	59	12886	136.954	ug/l	99
12) 1,1-Dichloroethene	3.875	96	17034	21.410	ug/l	93
13) Acrolein	3.729	56	12283	91.394	ug/l	95
14) Allyl chloride	4.478	41	28924	19.681	ug/l	99
15) Acrylonitrile	5.161	53	31392	122.616	ug/l	99
16) Acetone	3.942	43	35730	118.668	ug/l	99
17) Carbon Disulfide	4.198	76	52446	19.366	ug/l	97
18) Methyl Acetate	4.472	43	20324	22.667	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	46378	22.568	ug/l	97
20) Methylene Chloride	4.716	84	21484	20.178	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	18369	21.246	ug/l	99
22) Diisopropyl ether	6.118	45	58985	22.097	ug/l	94
23) Vinyl Acetate	6.057	43	184930	111.500	ug/l	100
24) 1,1-Dichloroethane	6.021	63	32957	21.667	ug/l	99
25) 2-Butanone	6.984	43	46312	124.184	ug/l	95
26) 2,2-Dichloropropane	6.984	77	29927	22.153	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	21444	23.134	ug/l	95
28) Bromochloromethane	7.338	49	12931	23.263	ug/l	98
29) Tetrahydrofuran	7.350	42	27228	121.056	ug/l	98
30) Chloroform	7.508	83	34889	23.222	ug/l	100
31) Cyclohexane	7.789	56	28472	19.380	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	31052	22.854	ug/l	99
36) 1,1-Dichloropropene	7.917	75	25974	21.933	ug/l	99
37) Ethyl Acetate	7.076	43	18173	24.347	ug/l	99
38) Carbon Tetrachloride	7.899	117	28157	23.024	ug/l	99
39) Methylcyclohexane	9.185	83	28168	20.007	ug/l	98
40) Benzene	8.161	78	75962	22.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	25743	64.013	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	24021	23.850	ug/l	98
43) Isopropyl Acetate	8.270	43	30965	23.252	ug/l	97
44) Trichloroethene	8.941	130	19655	22.254	ug/l	92
45) 1,2-Dichloropropane	9.215	63	19270	22.761	ug/l	98
46) Dibromomethane	9.307	93	11703	24.264	ug/l	98
47) Bromodichloromethane	9.496	83	26562	23.370	ug/l	96
48) Methyl methacrylate	9.295	41	13818	22.519	ug/l	92
49) 1,4-Dioxane	9.301	88	3433	550.584	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	91002	125.978	ug/l	98
52) Toluene	10.246	92	46675	23.103	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	27749	23.276	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	30754	22.791	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	16399	24.414	ug/l	93
56) Ethyl methacrylate	10.508	69	21055	23.508	ug/l	98
57) 1,3-Dichloropropane	10.788	76	27850	24.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	55921	118.936	ug/l	100
59) 2-Hexanone	10.831	43	68376	130.239	ug/l	100
60) Dibromochloromethane	10.983	129	20115	24.601	ug/l	100
61) 1,2-Dibromoethane	11.087	107	15783	24.392	ug/l	98
64) Tetrachloroethene	10.721	164	17923	22.725	ug/l	98
65) Chlorobenzene	11.514	112	51043	22.451	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	19860	23.607	ug/l	97
67) Ethyl Benzene	11.593	91	85890	21.488	ug/l	98
68) m/p-Xylenes	11.703	106	67587	43.953	ug/l	99
69) o-Xylene	12.032	106	31462	21.923	ug/l	96
70) Styrene	12.044	104	53976	22.538	ug/l	99
71) Bromoform	12.209	173	13652	24.889	ug/l #	99
73) Isopropylbenzene	12.331	105	83314	20.135	ug/l	99
74) N-amyl acetate	12.142	43	27275	20.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	21512	23.127	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	26805	38.445	ug/l #	100
77) Bromobenzene	12.611	156	21281	21.171	ug/l	99
78) n-propylbenzene	12.672	91	105868	20.752	ug/l	100
79) 2-Chlorotoluene	12.757	91	60543	21.353	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	71164	20.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	7601	22.589	ug/l	97
82) 4-Chlorotoluene	12.855	91	62839	21.410	ug/l	99
83) tert-Butylbenzene	13.074	119	60005	20.359	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	70258	21.040	ug/l	99
85) sec-Butylbenzene	13.251	105	92927	20.667	ug/l	100
86) p-Isopropyltoluene	13.367	119	77806	21.172	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	42491	21.917	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	42551	21.505	ug/l	98
89) n-Butylbenzene	13.696	91	70706	20.098	ug/l	99
90) Hexachloroethane	13.958	117	16539	21.608	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	39305	22.427	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3743	24.899	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	23054	21.365	ug/l	98
94) Hexachlorobutadiene	15.111	225	14741	22.398	ug/l	97
95) Naphthalene	15.239	128	45931	21.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20441	21.300	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

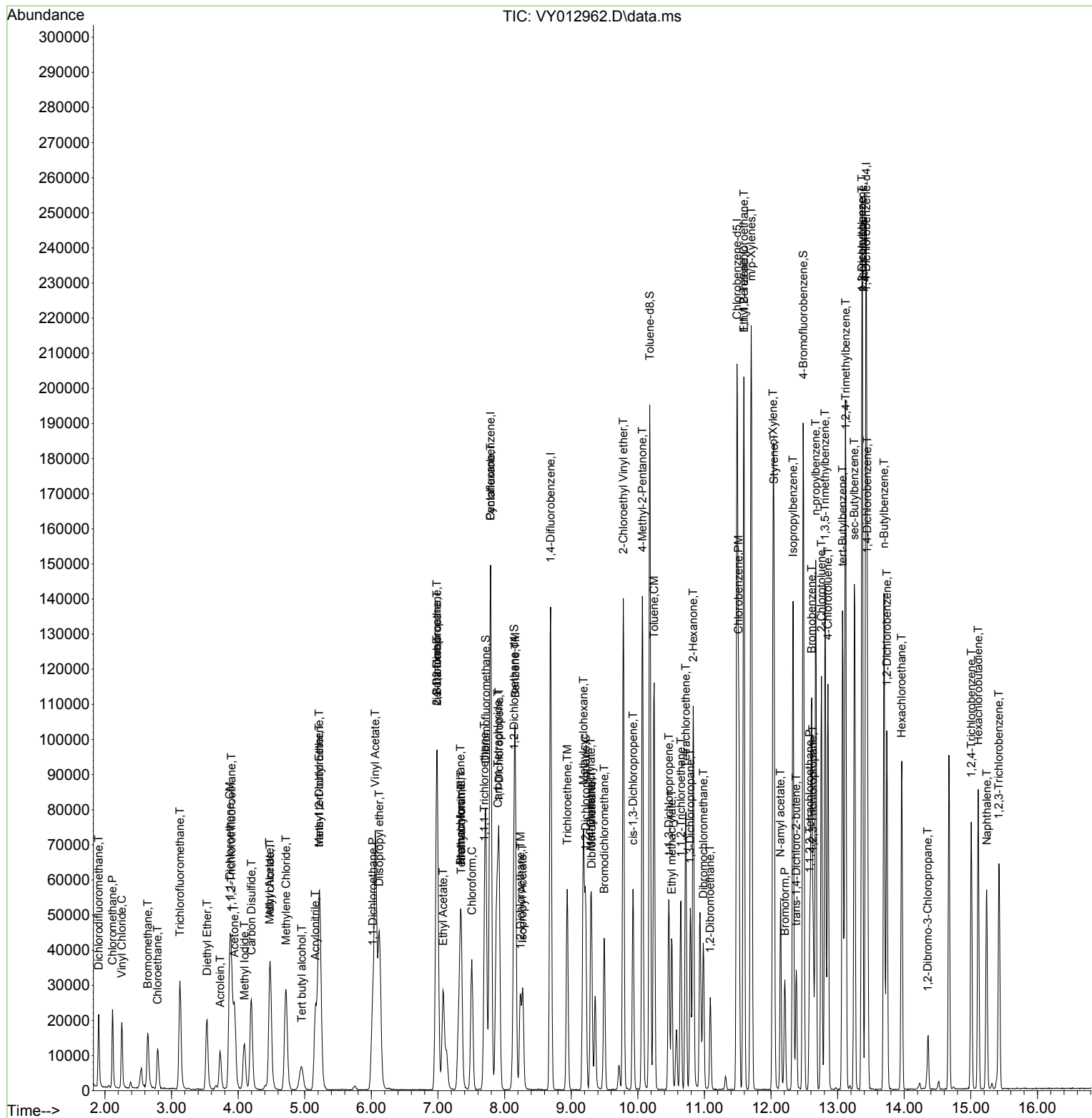
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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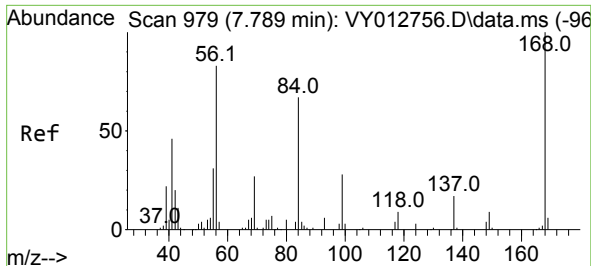
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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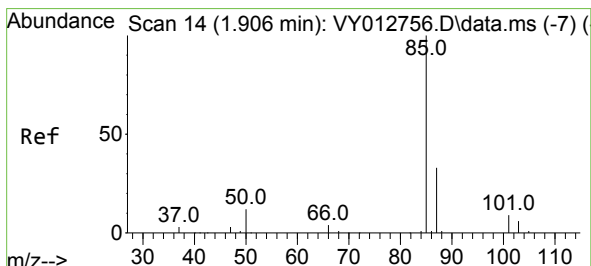
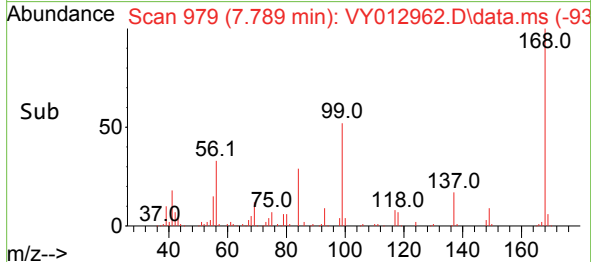
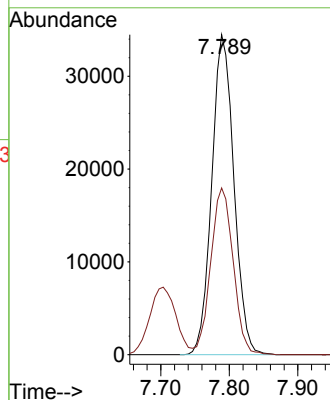
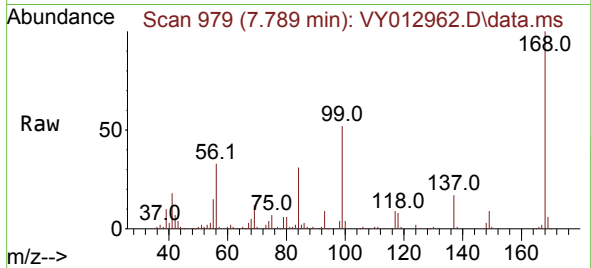




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012962.D
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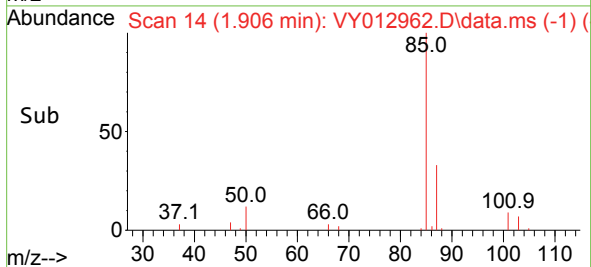
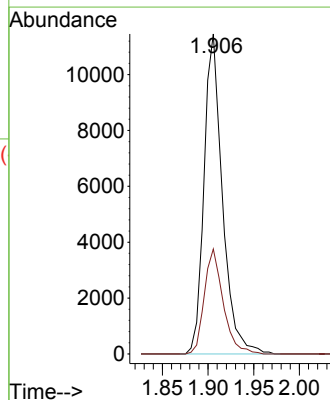
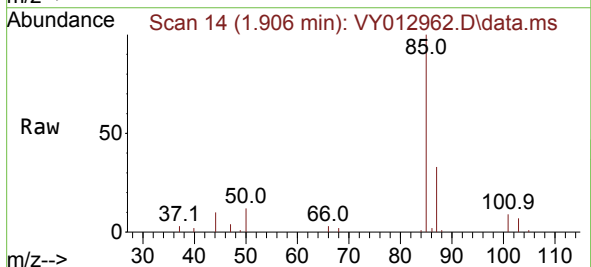
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

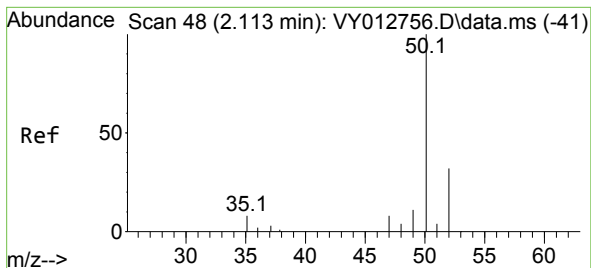
Tgt Ion:168 Resp: 77261
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.000 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 85 Resp: 15992
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





#3

Chloromethane

Concen: 20.275 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

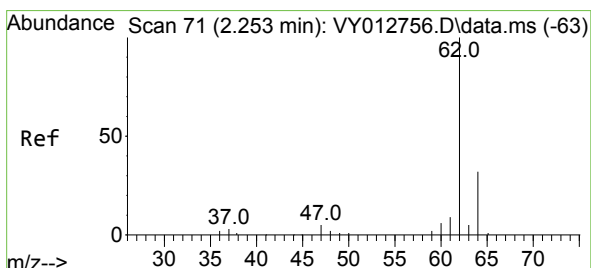
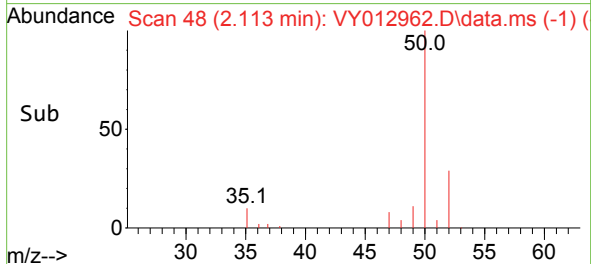
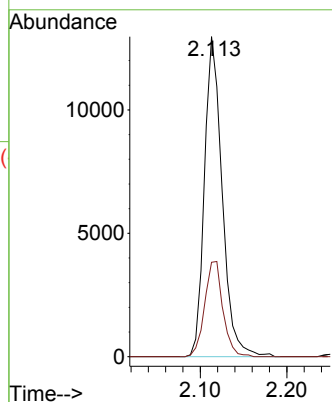
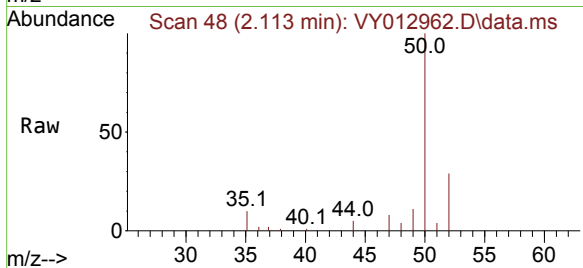
VY0316SBS01

Tgt Ion: 50 Resp: 18458

Ion Ratio Lower Upper

50 100

52 29.5 26.0 39.0



#4

Vinyl Chloride

Concen: 20.530 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012962.D

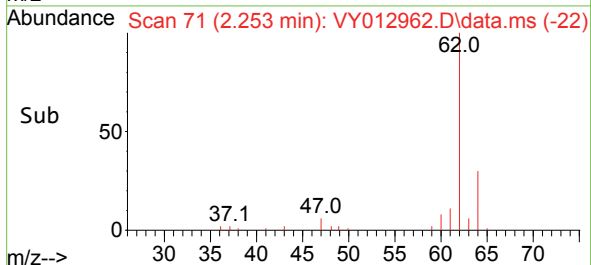
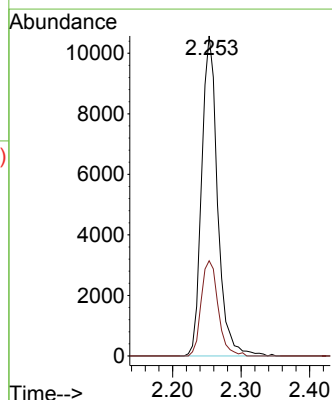
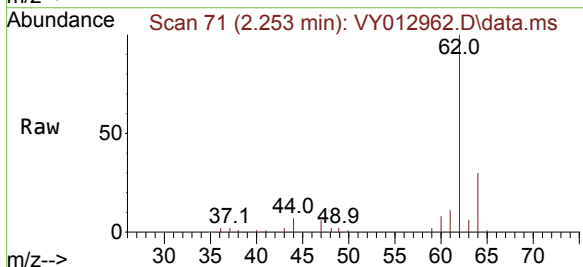
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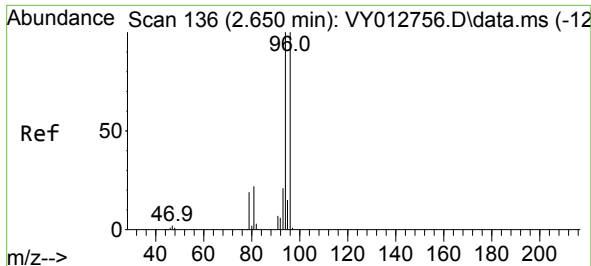
Tgt Ion: 62 Resp: 17139

Ion Ratio Lower Upper

62 100

64 29.7 25.6 38.4

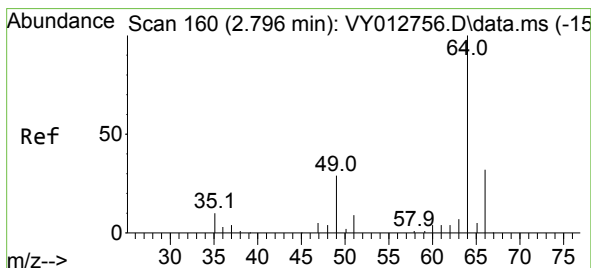
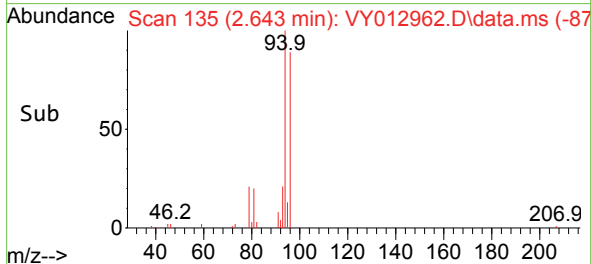
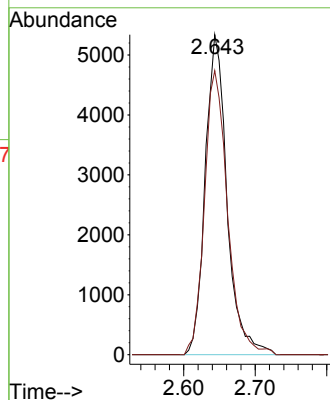
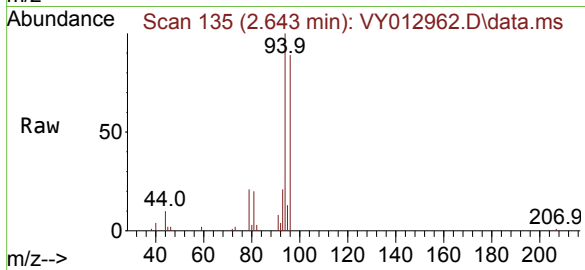




#5
Bromomethane
Concen: 22.276 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

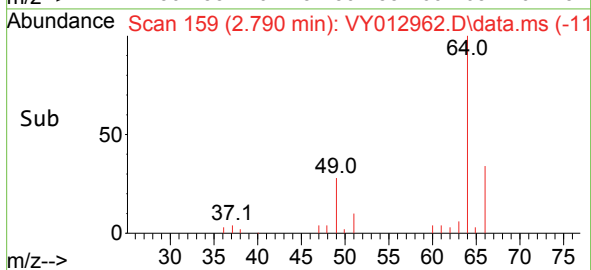
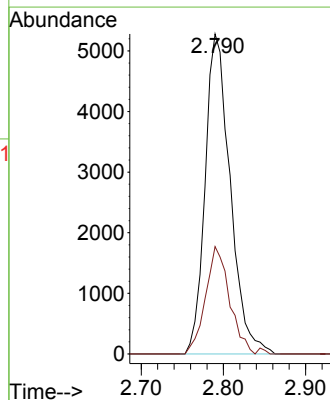
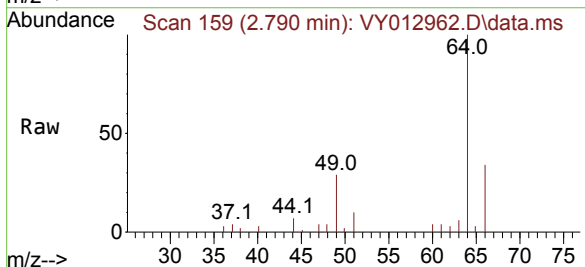
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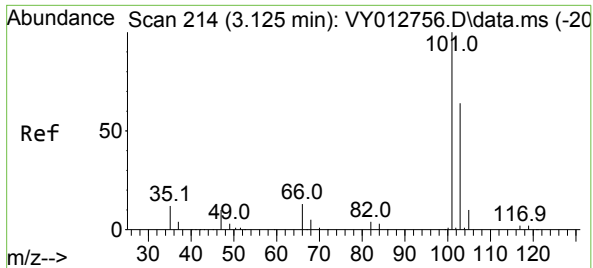
Tgt Ion: 94 Resp: 11300
Ion Ratio Lower Upper
94 100
96 88.8 80.3 120.5



#6
Chloroethane
Concen: 22.341 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 64 Resp: 11170
Ion Ratio Lower Upper
64 100
66 33.6 25.7 38.5

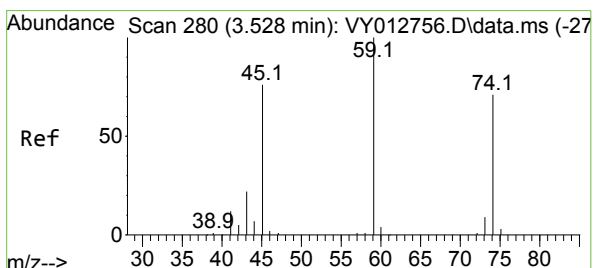
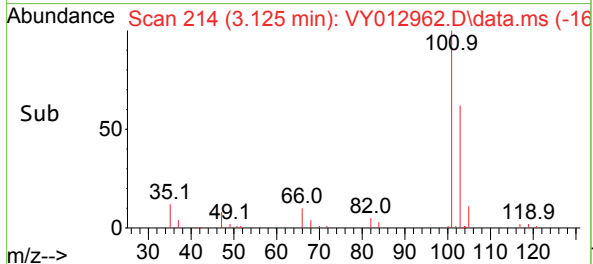
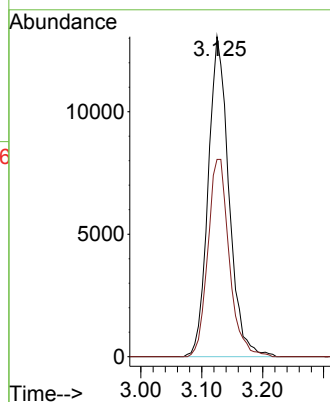
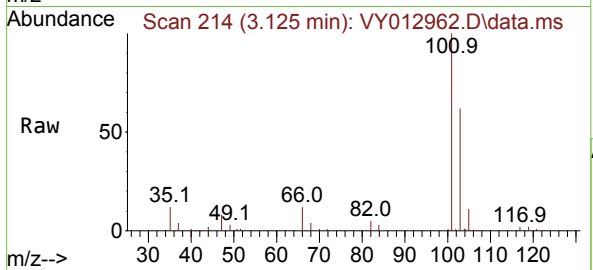




#7
 Trichlorofluoromethane
 Concen: 22.298 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

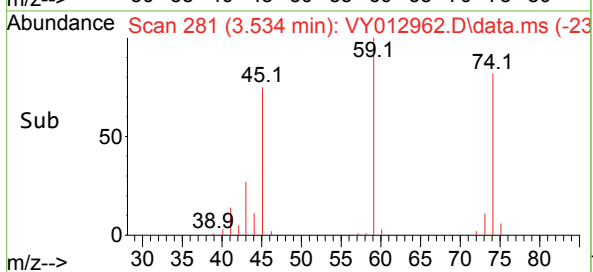
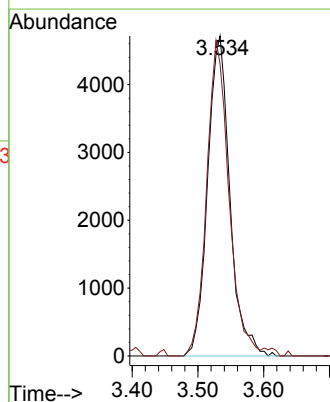
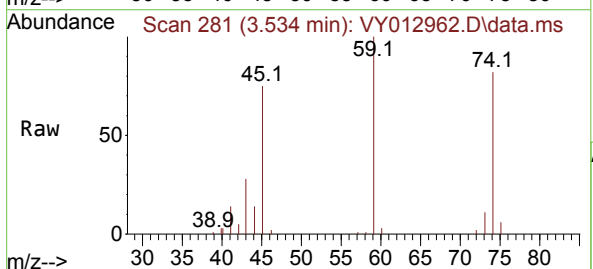
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 ClientSampleId :
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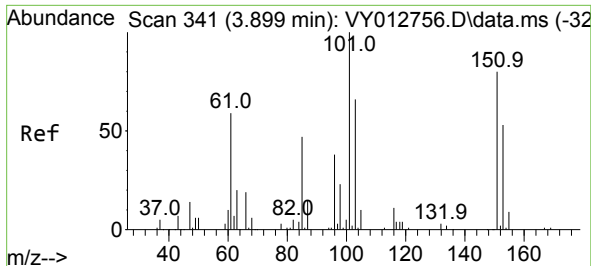
Tgt Ion:101 Resp: 30918
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 22.764 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion: 74 Resp: 11061
 Ion Ratio Lower Upper
 74 100
 45 98.7 52.1 156.4

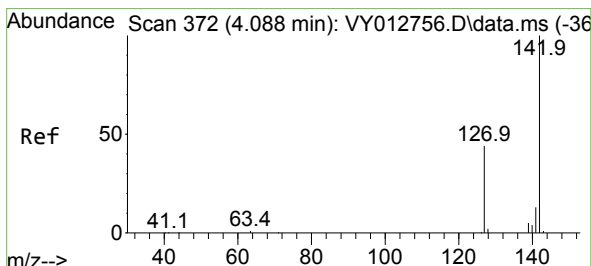
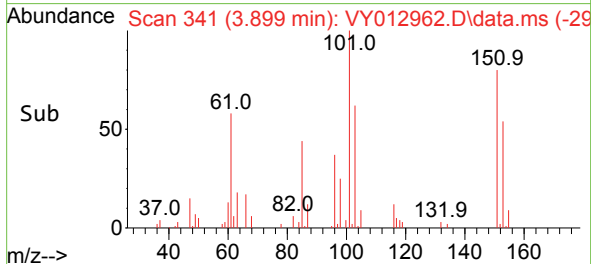
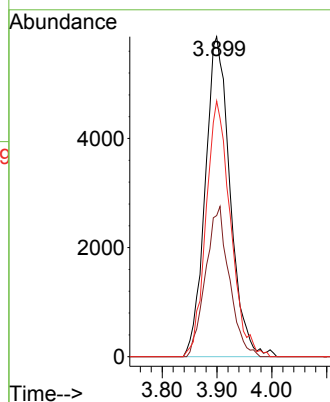
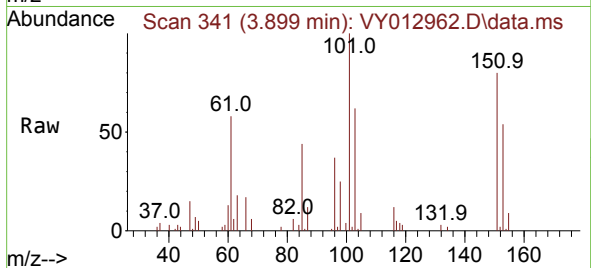




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.087 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

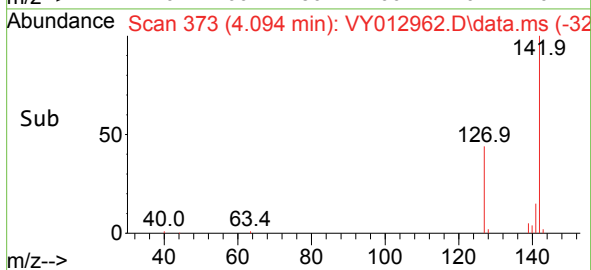
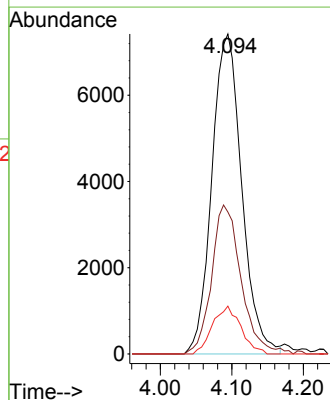
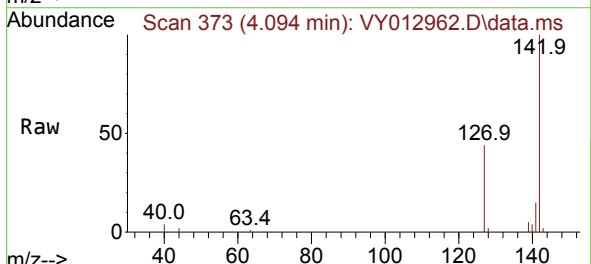
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

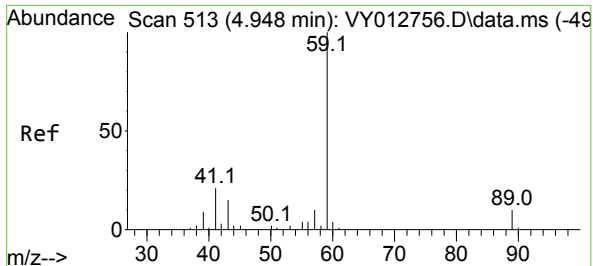
Tgt Ion:	101	Resp:	18425
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.3	52.9
151	78.9	63.1	94.7



#10
 Methyl Iodide
 Concen: 19.802 ug/l
 RT: 4.094 min Scan# 373
 Delta R.T. 0.006 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion:	142	Resp:	21524
Ion	Ratio	Lower	Upper
142	100		
127	45.9	35.4	53.2
141	14.2	11.3	16.9





#11

Tert butyl alcohol

Concen: 136.954 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

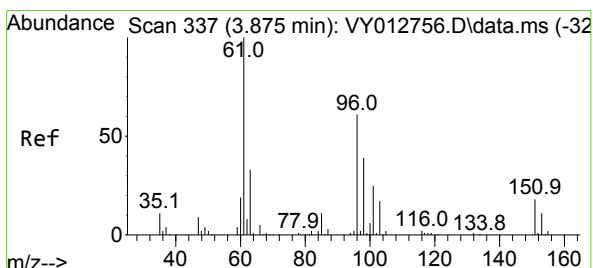
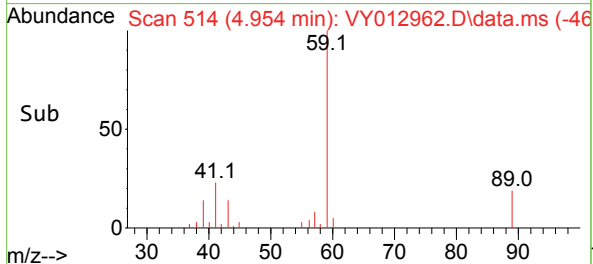
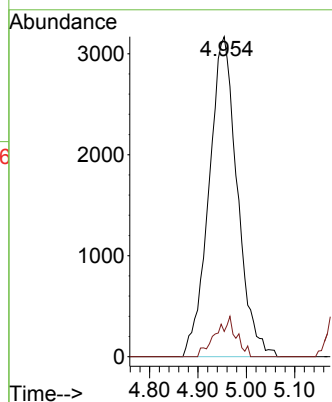
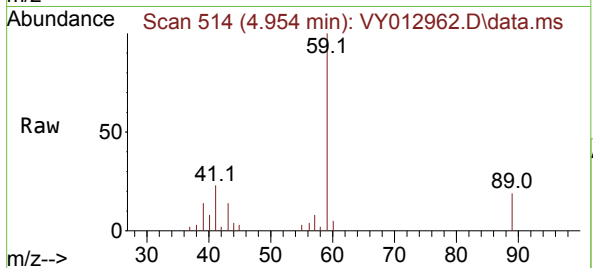
VY0316SBS01

Tgt Ion: 59 Resp: 12886

Ion Ratio Lower Upper

59 100

57 9.1 7.7 11.5



#12

1,1-Dichloroethene

Concen: 21.410 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

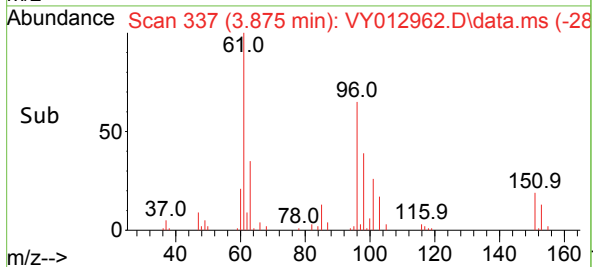
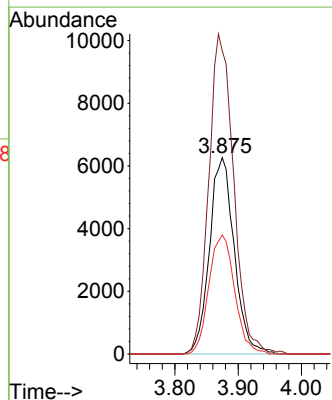
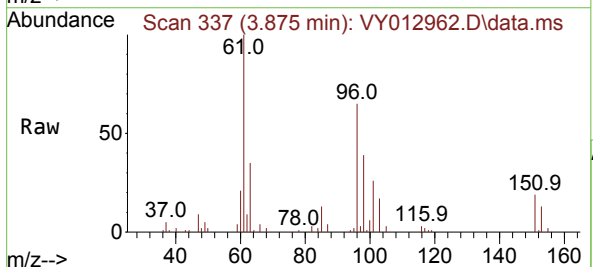
Tgt Ion: 96 Resp: 17034

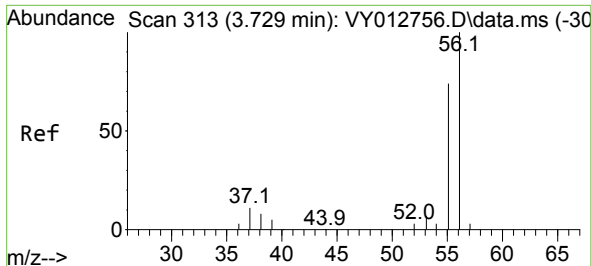
Ion Ratio Lower Upper

96 100

61 154.3 131.7 197.5

98 60.6 52.0 78.0





#13

Acrolein

Concen: 91.394 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

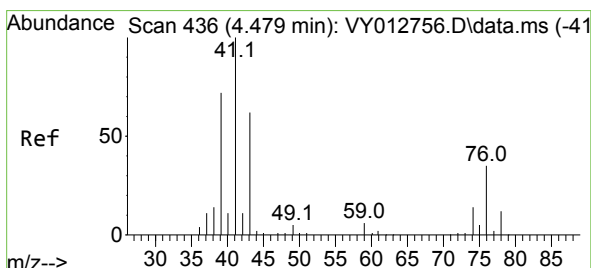
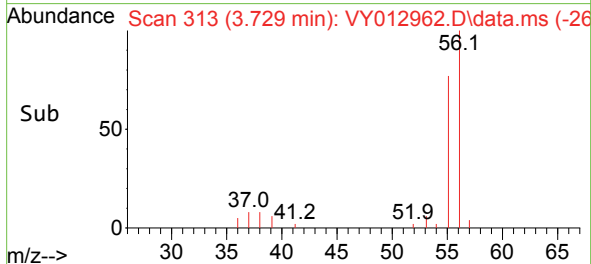
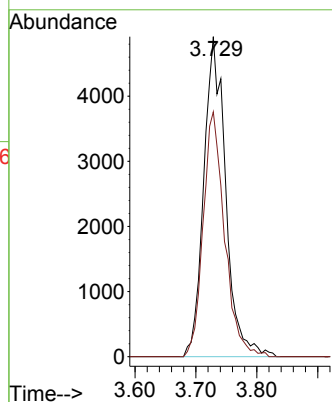
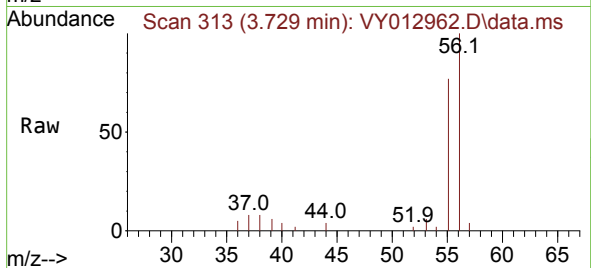
VY0316SBS01

Tgt Ion: 56 Resp: 12283

Ion Ratio Lower Upper

56 100

55 74.9 56.8 85.2



#14

Allyl chloride

Concen: 19.681 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

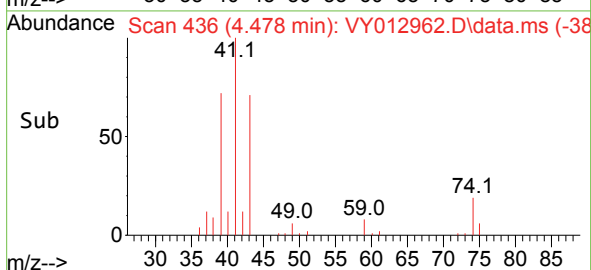
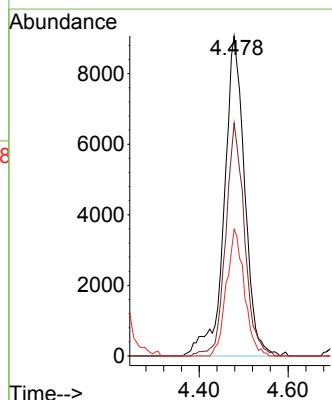
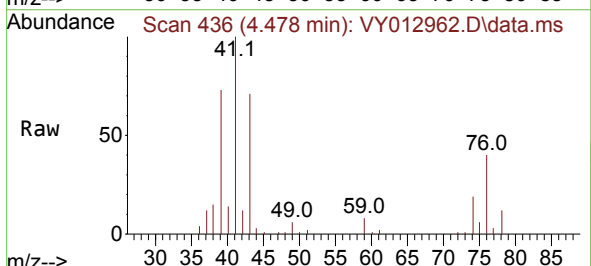
Tgt Ion: 41 Resp: 28924

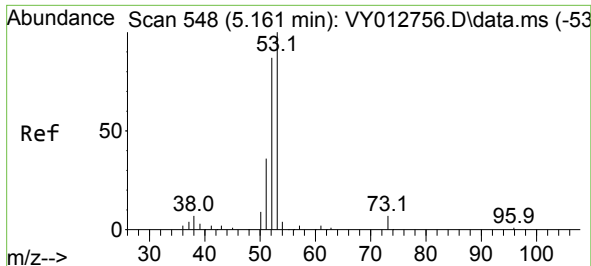
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 34.6 27.2 40.8

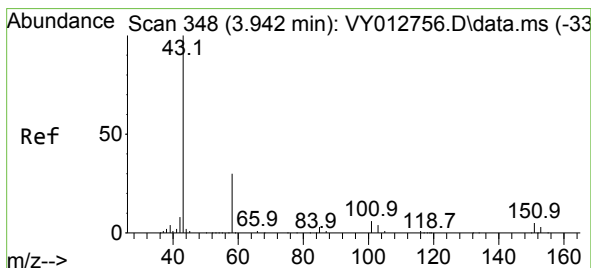
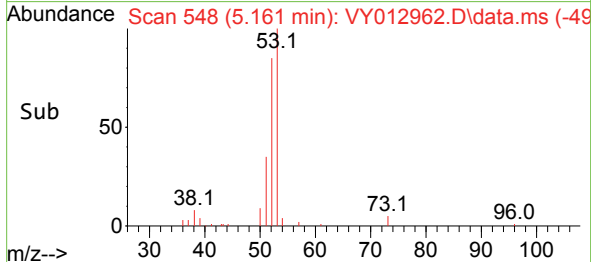
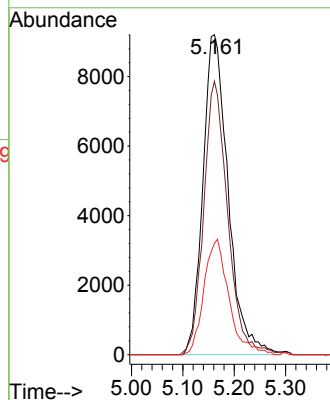
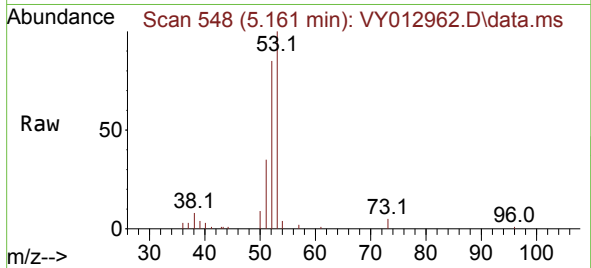




#15
Acrylonitrile
Concen: 122.616 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

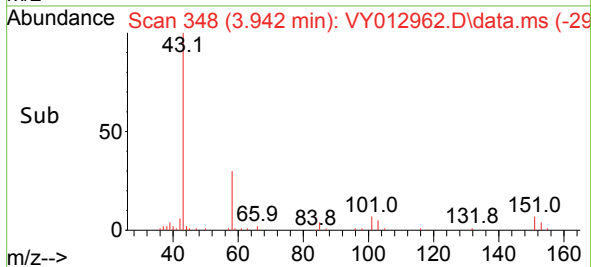
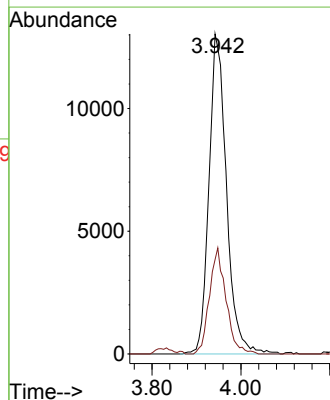
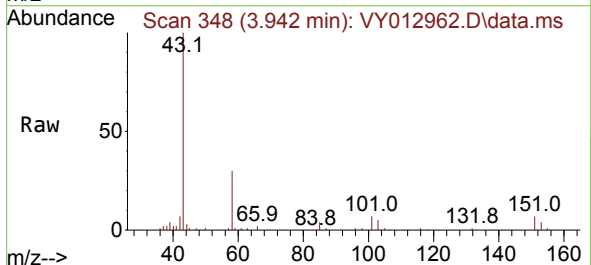
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

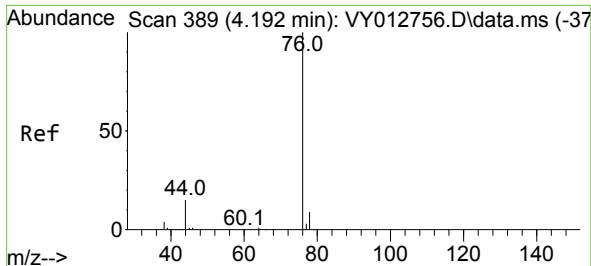
Tgt Ion:	53	Resp:	31392
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.3	99.5
51	35.8	28.8	43.2



#16
Acetone
Concen: 118.668 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:	43	Resp:	35730
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.2	36.2

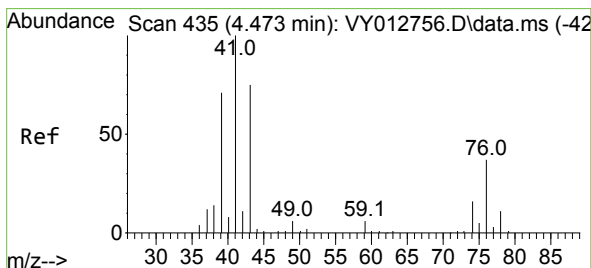
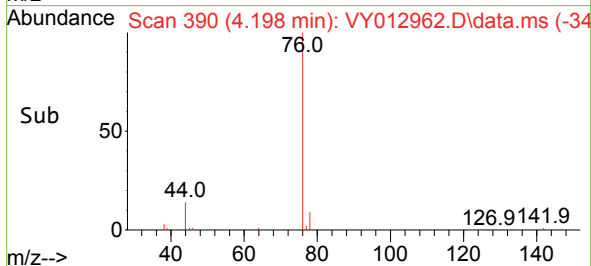
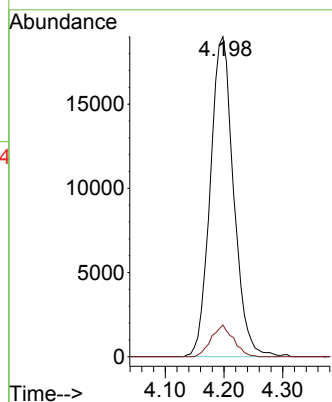
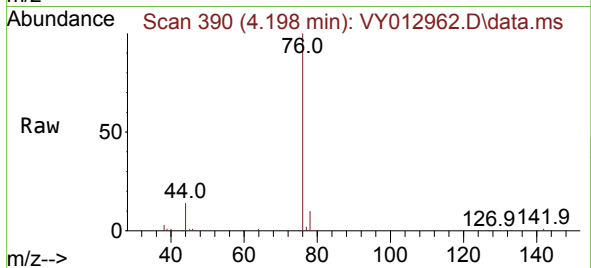




#17
Carbon Disulfide
Concen: 19.366 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

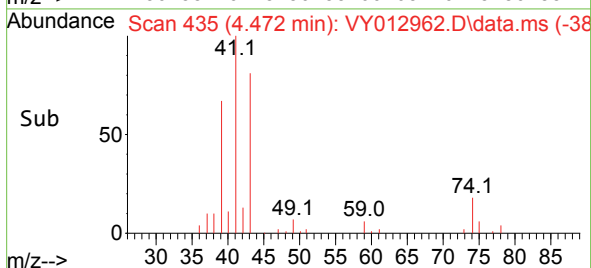
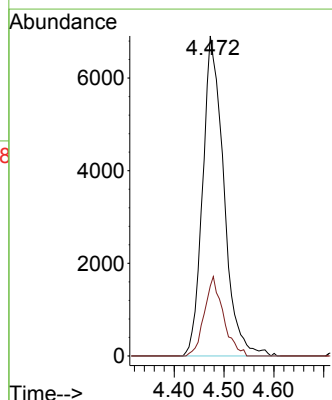
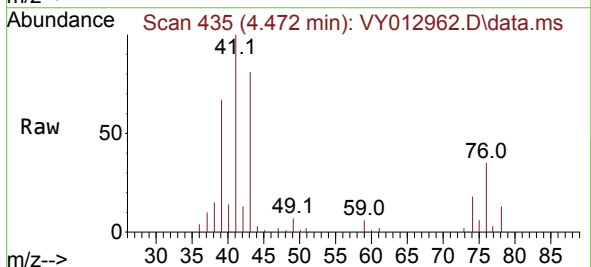
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

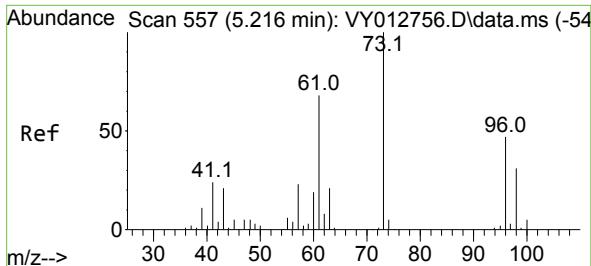
Tgt Ion: 76 Resp: 52446
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7



#18
Methyl Acetate
Concen: 22.667 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 43 Resp: 20324
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0

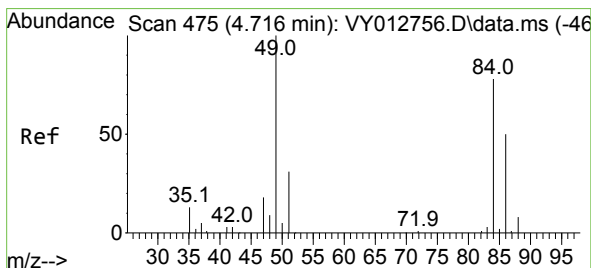
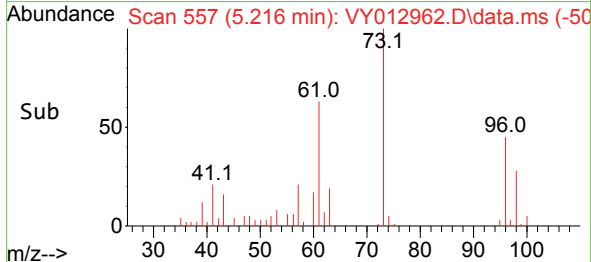
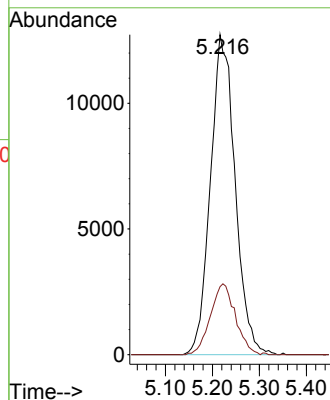
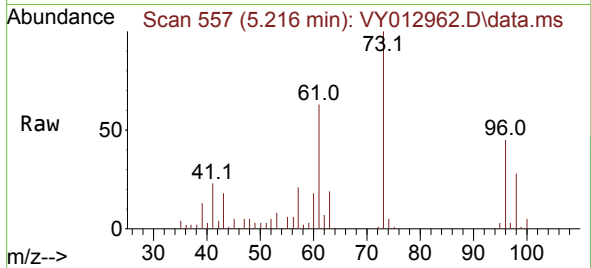




#19
Methyl tert-butyl Ether
Concen: 22.568 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

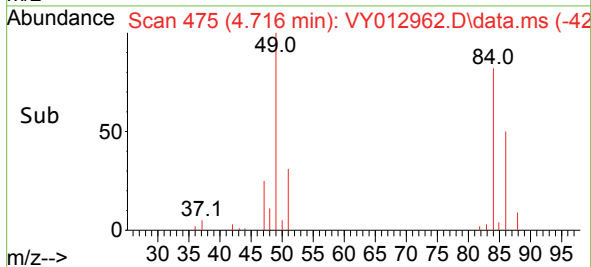
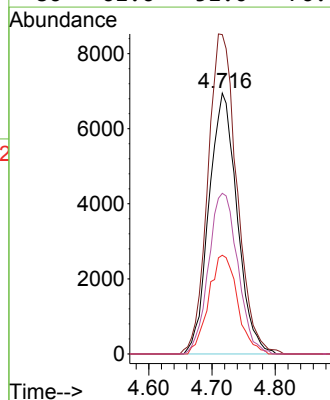
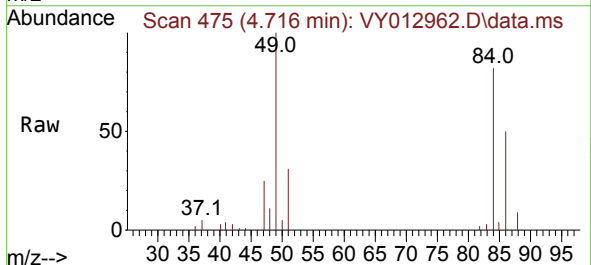
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

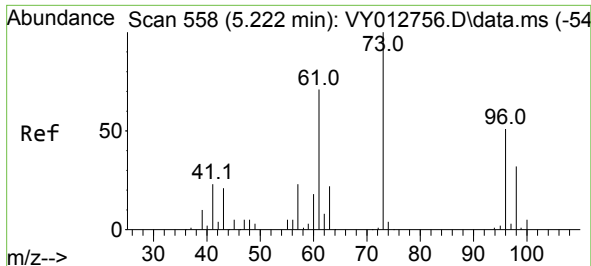
Tgt Ion: 73 Resp: 46378
Ion Ratio Lower Upper
73 100
57 21.3 18.3 27.5



#20
Methylene Chloride
Concen: 20.178 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

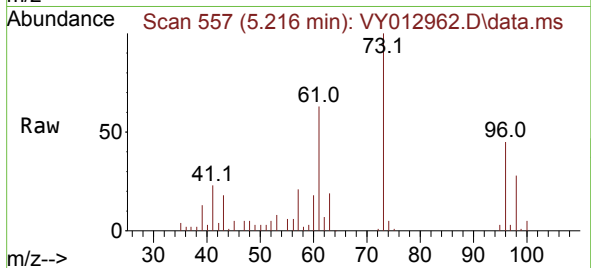
Tgt Ion: 84 Resp: 21484
Ion Ratio Lower Upper
84 100
49 122.5 102.6 154.0
51 37.8 31.9 47.9
86 61.6 51.0 76.6



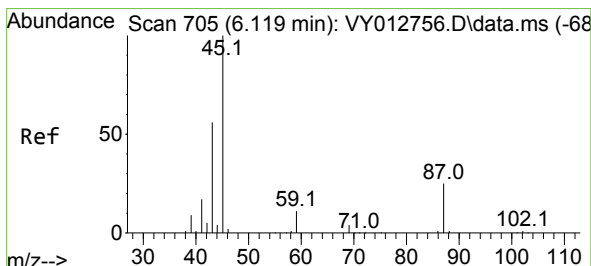
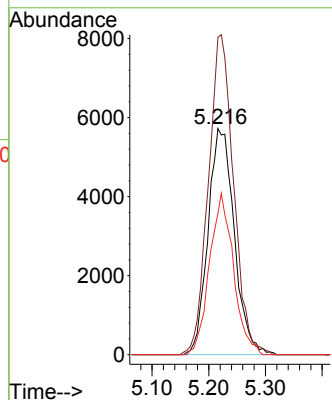
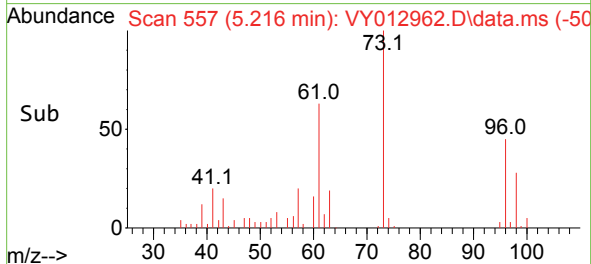


#21
trans-1,2-Dichloroethene
Concen: 21.246 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

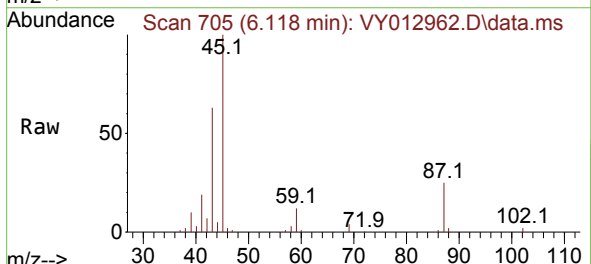
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01



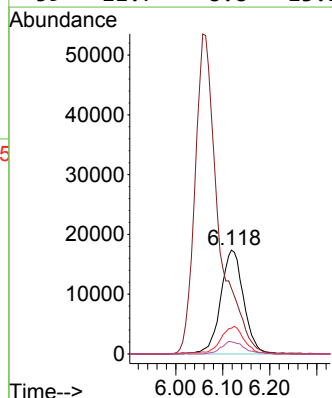
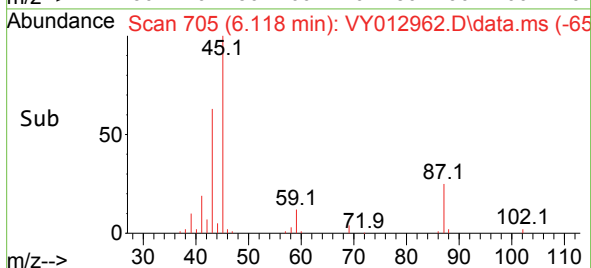
Tgt Ion: 96 Resp: 18369
Ion Ratio Lower Upper
96 100
61 140.5 111.4 167.0
98 62.7 50.8 76.2

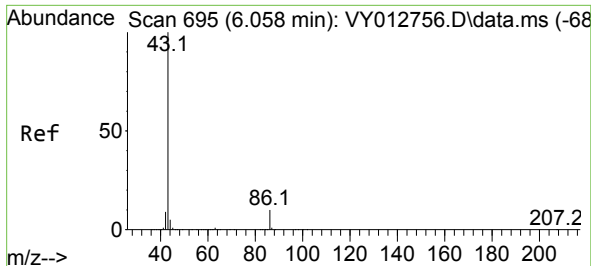


#22
Diisopropyl ether
Concen: 22.097 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45



Tgt Ion: 45 Resp: 58985
Ion Ratio Lower Upper
45 100
43 62.4 45.0 67.6
87 24.9 20.3 30.5
59 11.7 8.8 13.2

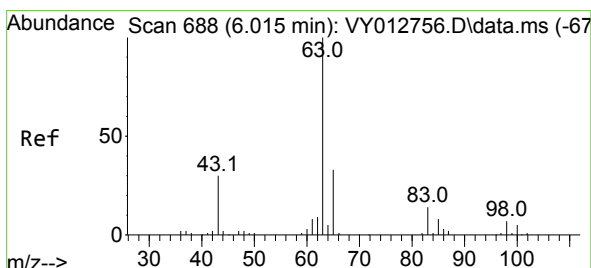
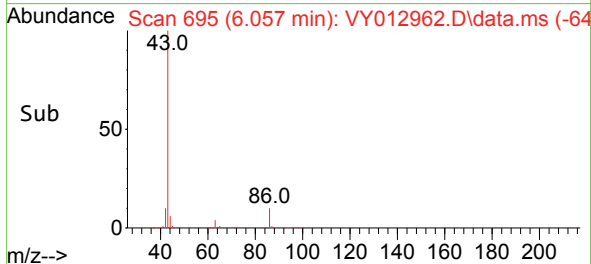
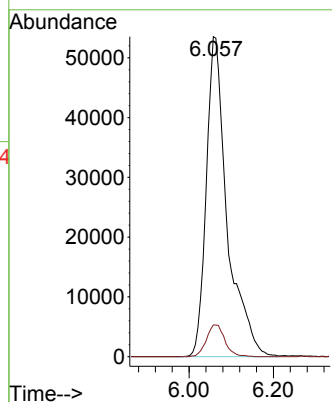
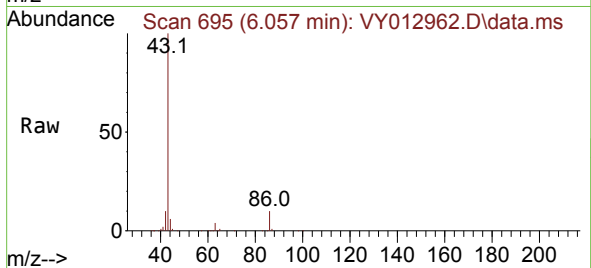




#23
 Vinyl Acetate
 Concen: 111.500 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

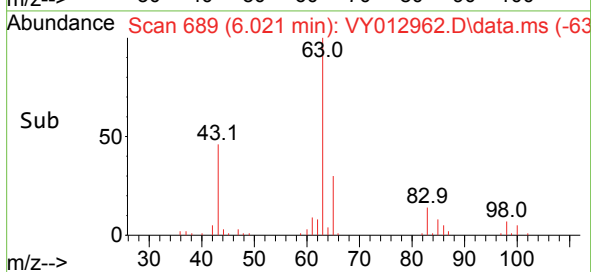
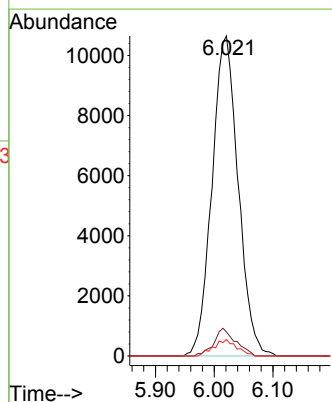
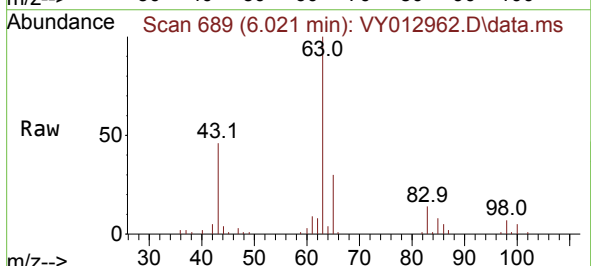
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

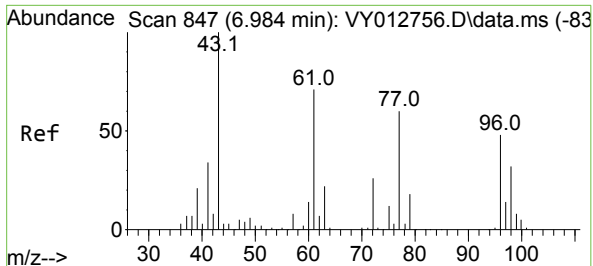
Tgt Ion: 43 Resp: 184930
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.667 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion: 63 Resp: 32957
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 124.184 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

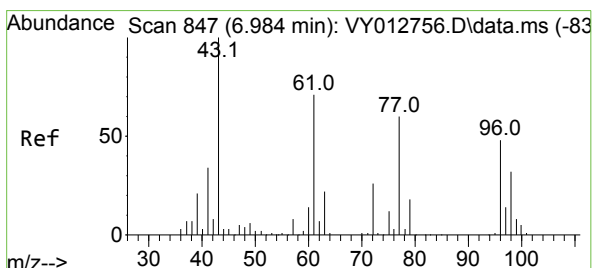
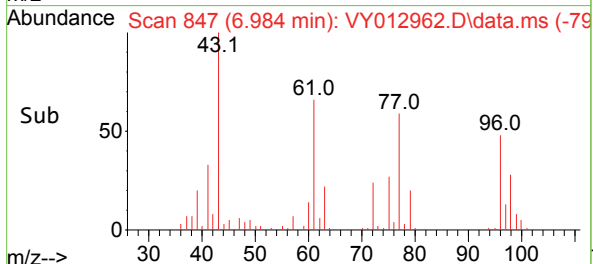
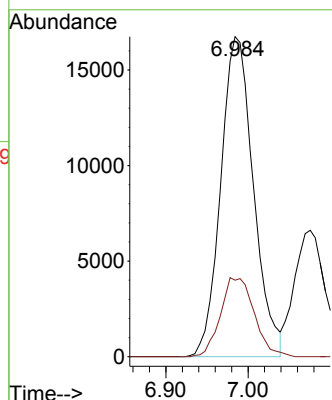
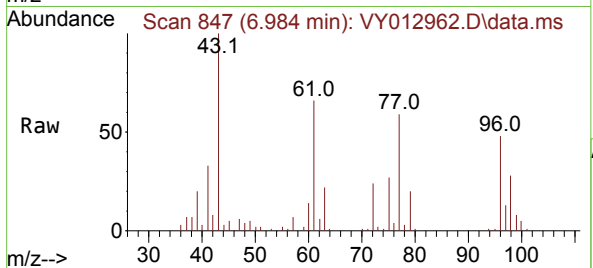
VY0316SBS01

Tgt Ion: 43 Resp: 46312

Ion Ratio Lower Upper

43 100

72 23.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 22.153 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012962.D

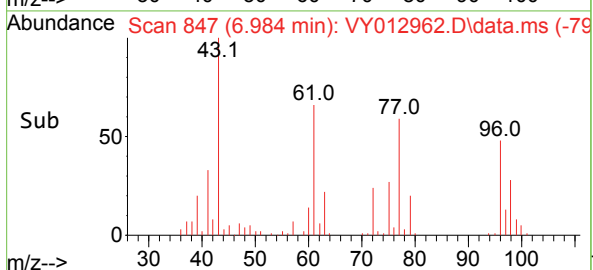
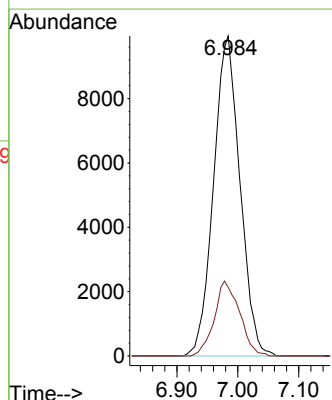
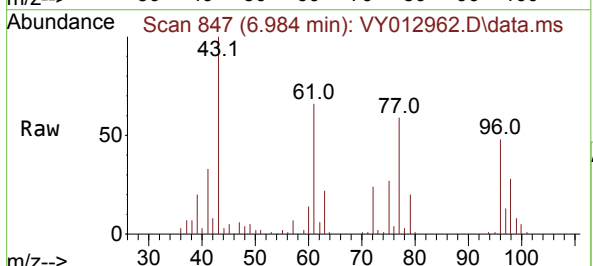
Acq: 16 Mar 2023 11:45

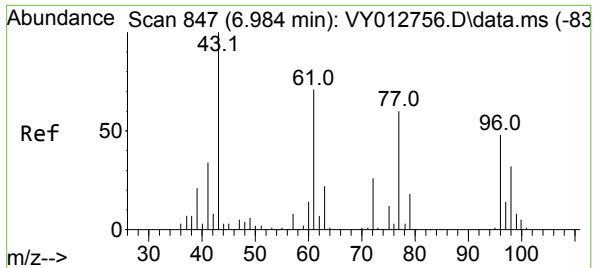
Tgt Ion: 77 Resp: 29927

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0

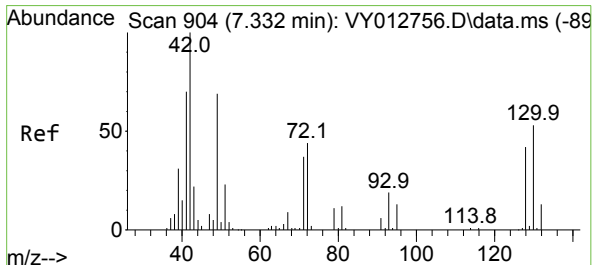
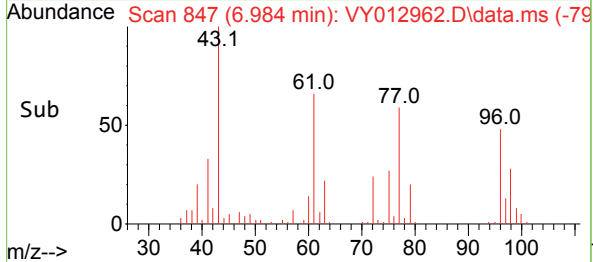
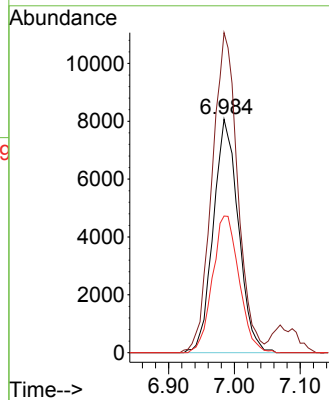
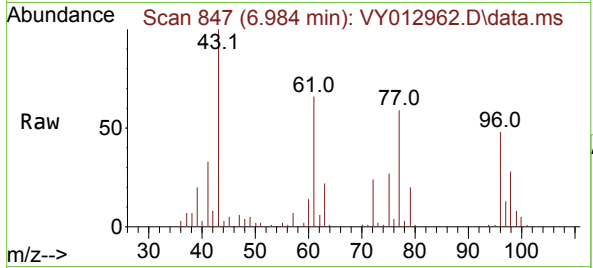




#27
 cis-1,2-Dichloroethene
 Concen: 23.134 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

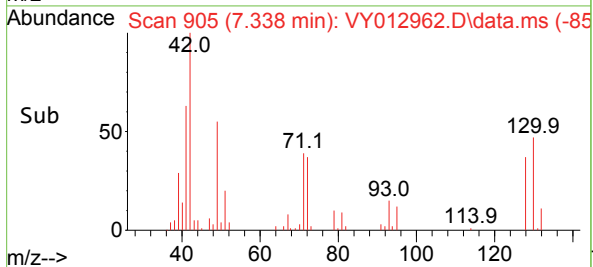
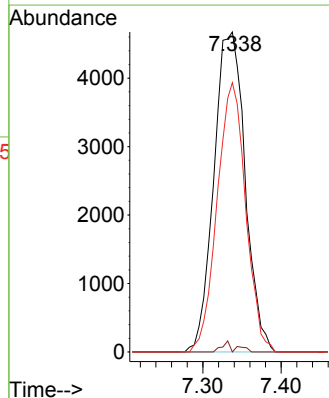
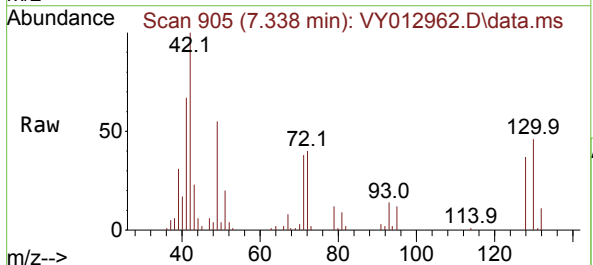
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

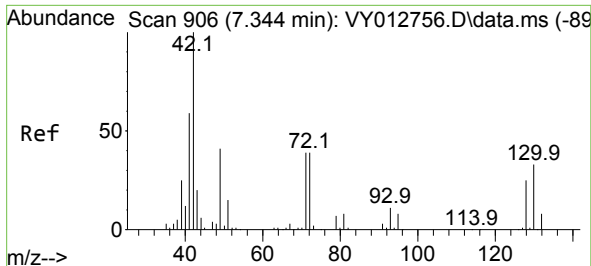
Tgt Ion: 96 Resp: 21444
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 295.8
 98 62.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 23.263 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion: 49 Resp: 12931
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.2
 130 77.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 121.056 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

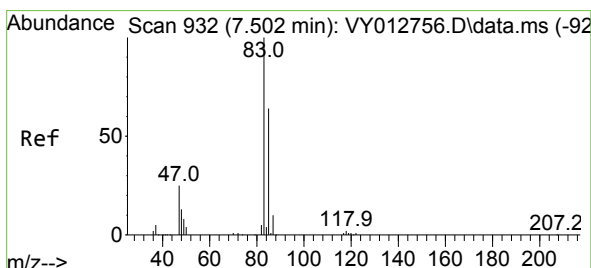
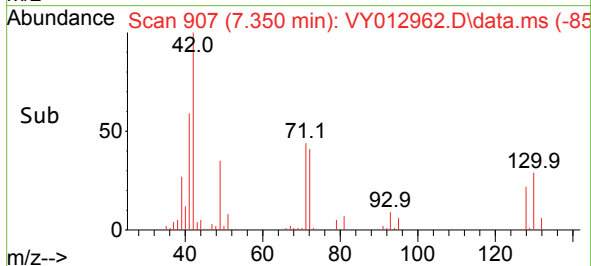
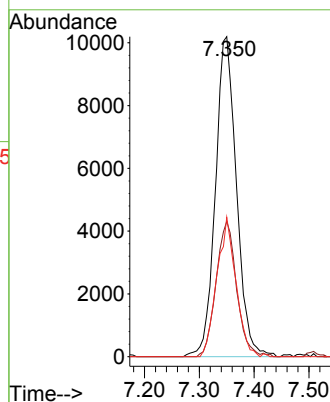
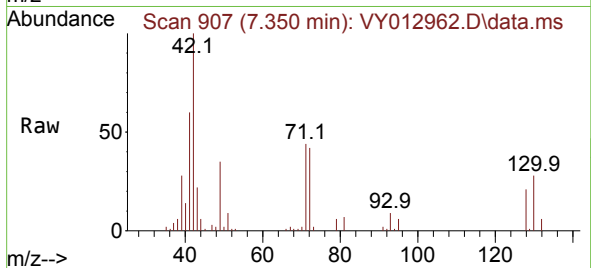
Tgt Ion: 42 Resp: 27228

Ion Ratio Lower Upper

42 100

72 41.2 32.3 48.5

71 39.5 30.3 45.5



#30

Chloroform

Concen: 23.222 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012962.D

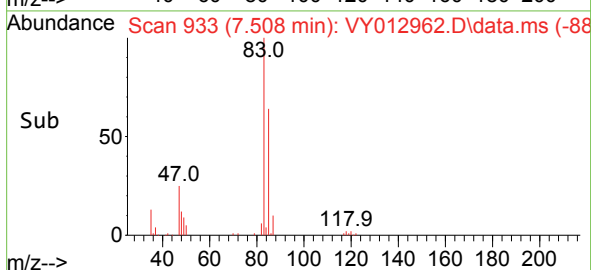
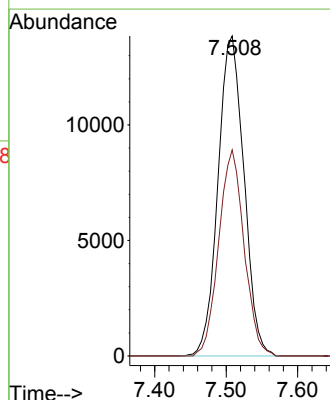
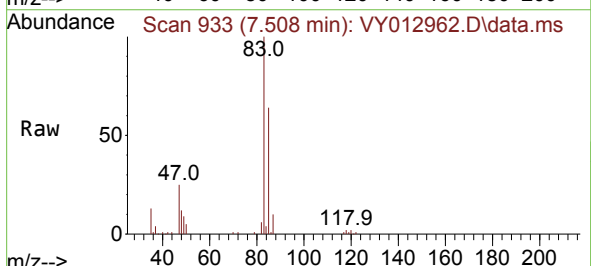
Acq: 16 Mar 2023 11:45

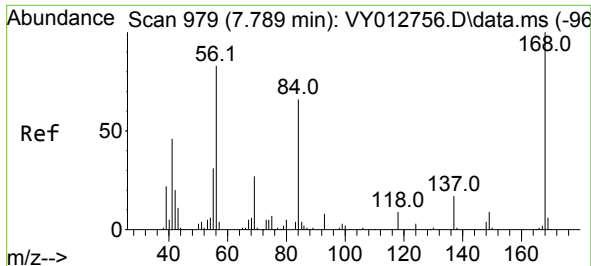
Tgt Ion: 83 Resp: 34889

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

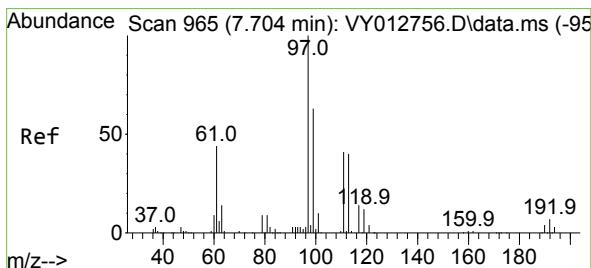
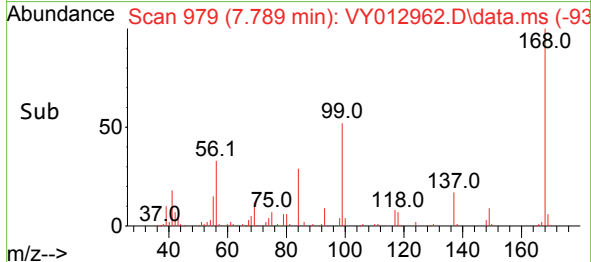
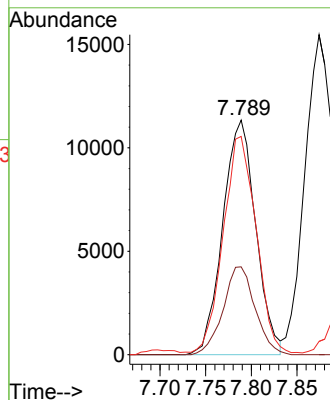
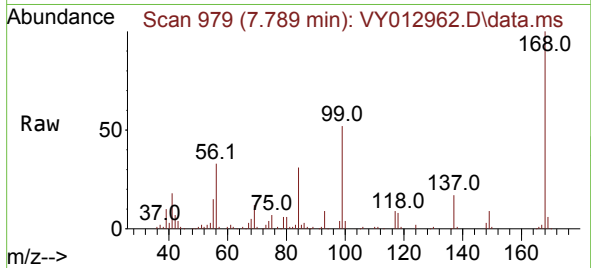




#31
Cyclohexane
Concen: 19.380 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

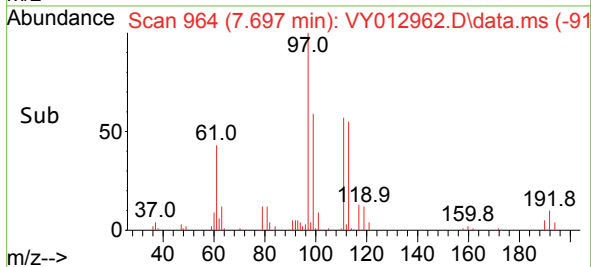
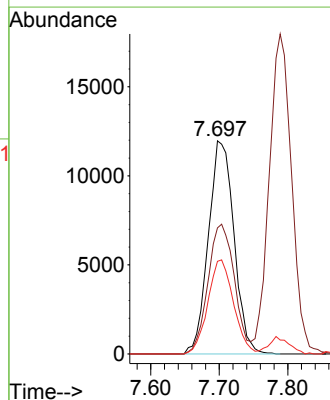
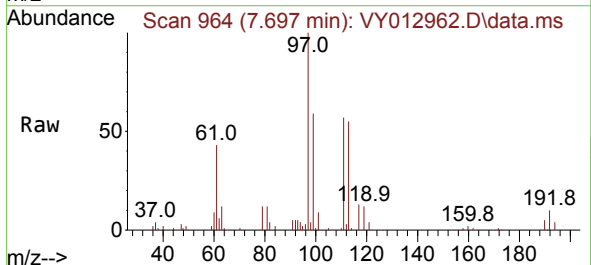
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

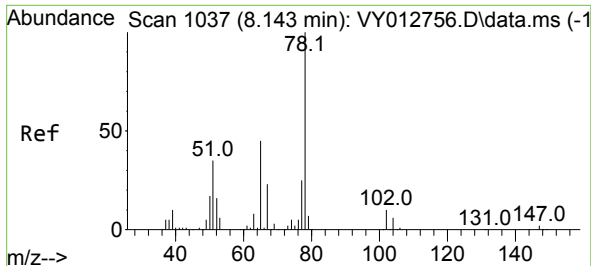
Tgt Ion: 56 Resp: 28472
Ion Ratio Lower Upper
56 100
69 37.5 25.7 38.5
84 92.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.854 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 97 Resp: 31052
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 44.2 34.5 51.7

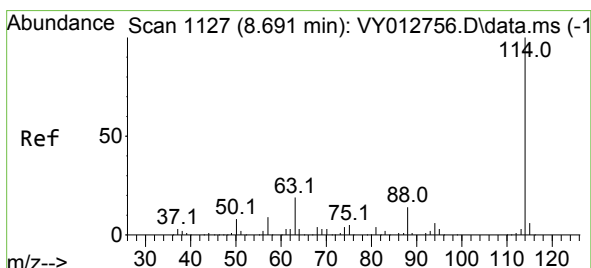
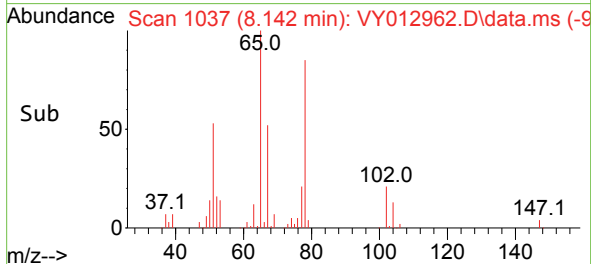
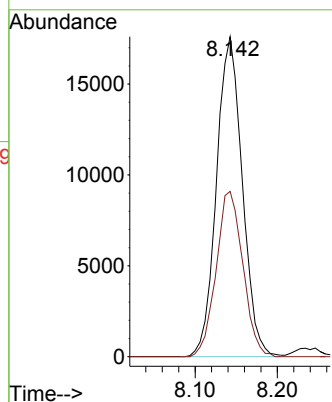
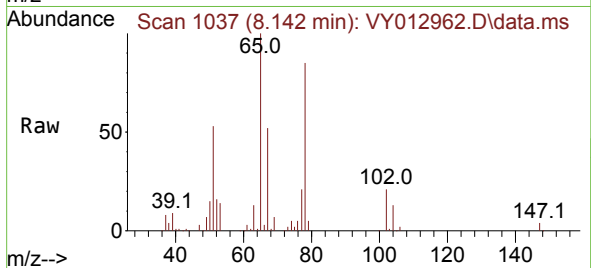




#33
 1,2-Dichloroethane-d4
 Concen: 50.121 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

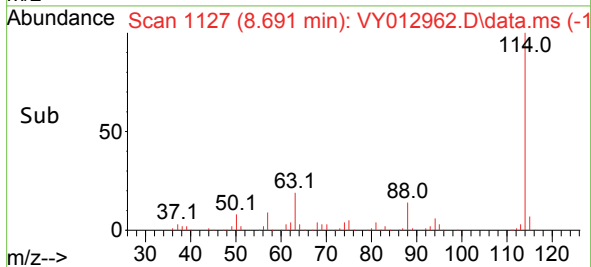
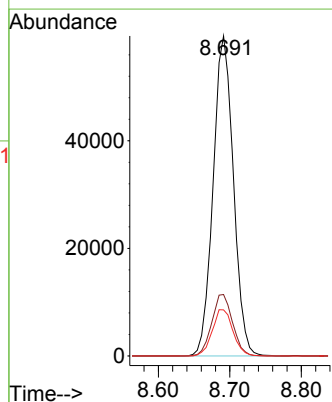
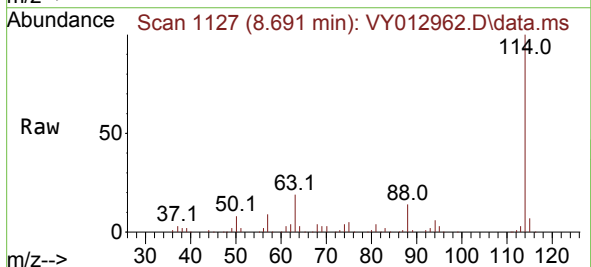
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

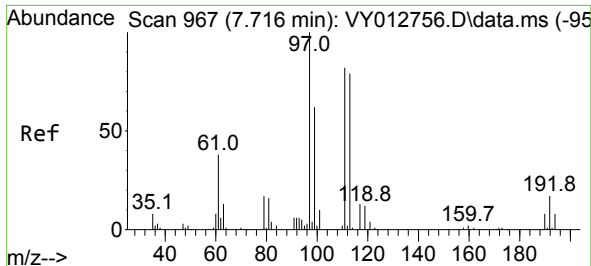
Tgt Ion: 65 Resp: 38448
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion: 114 Resp: 117099
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 14.4 0.0 28.6

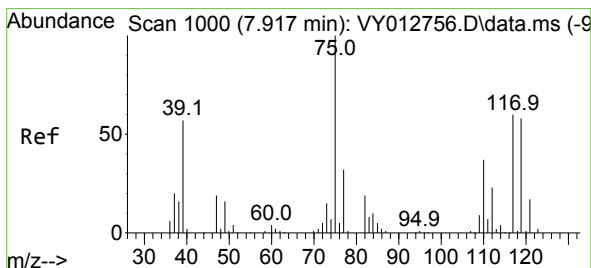
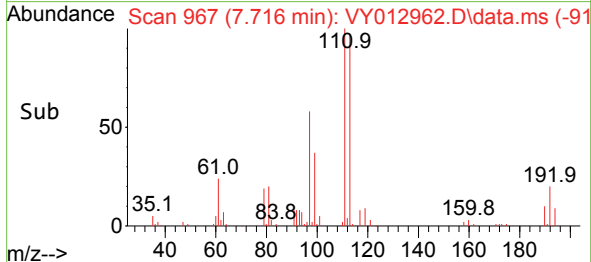
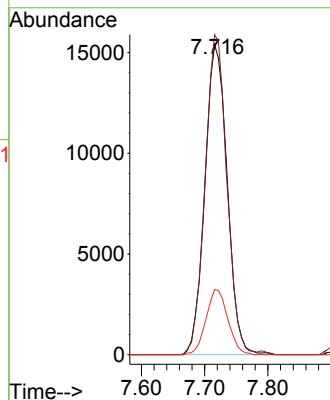
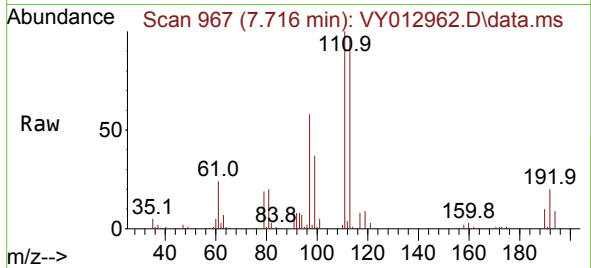




#35
Dibromofluoromethane
Concen: 53.431 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

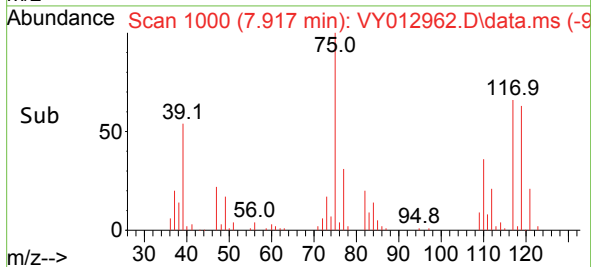
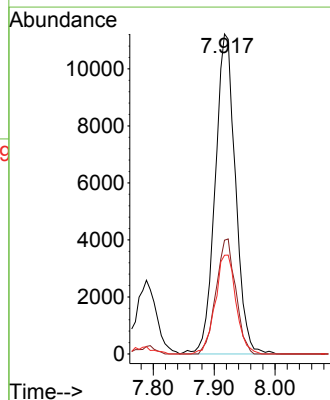
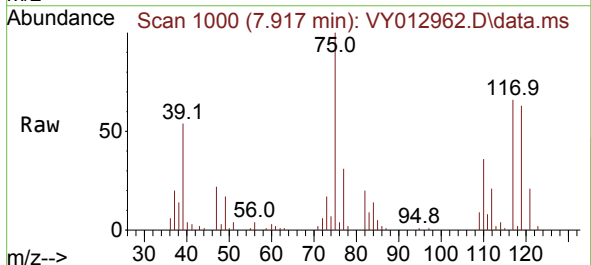
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

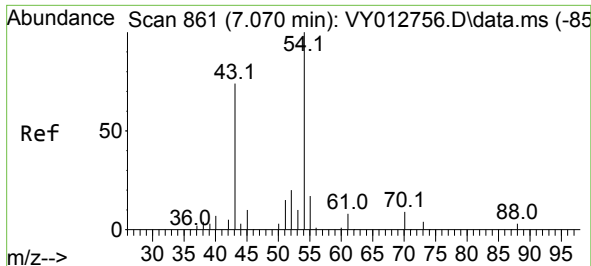
Tgt Ion:113 Resp: 37759
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.933 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 75 Resp: 25974
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 24.347 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

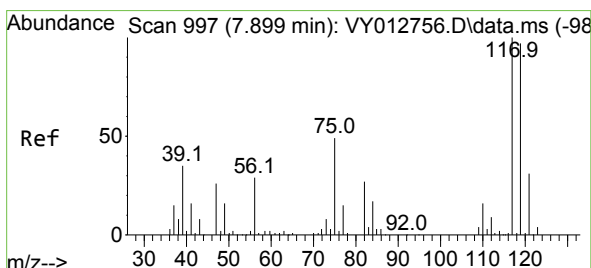
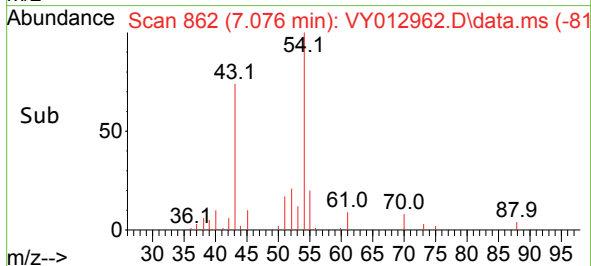
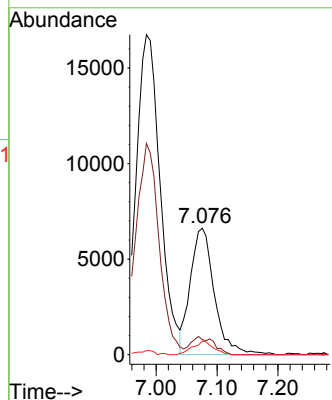
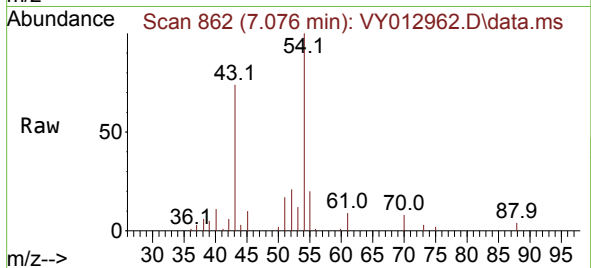
Tgt Ion: 43 Resp: 18173

Ion Ratio Lower Upper

43 100

61 13.6 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 23.024 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

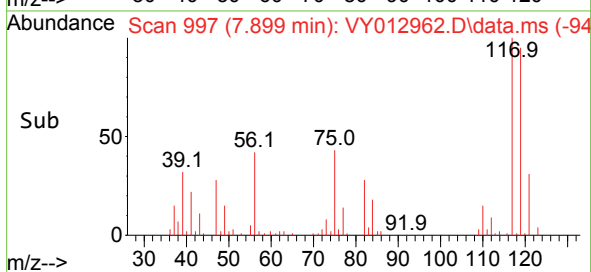
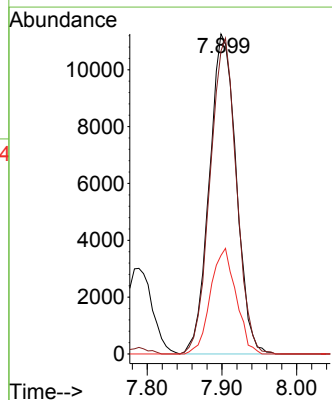
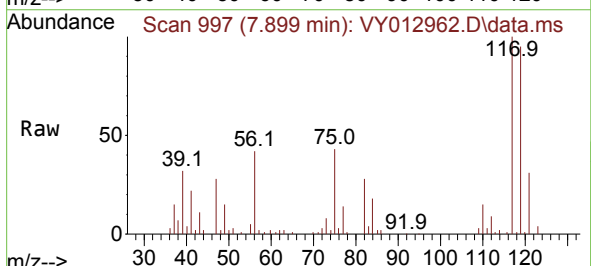
Tgt Ion: 117 Resp: 28157

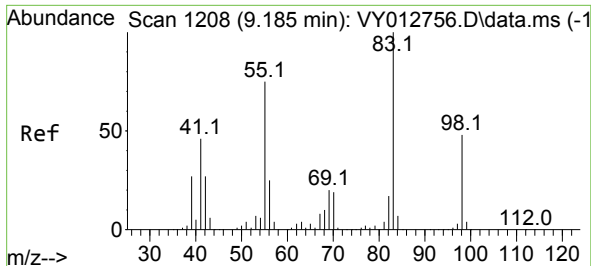
Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 20.007 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

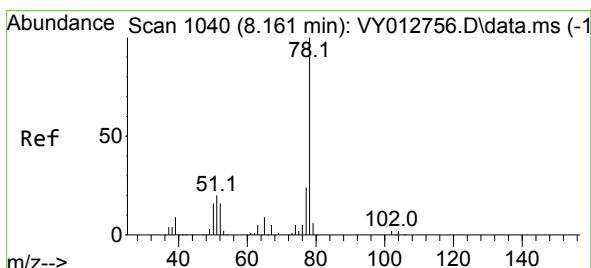
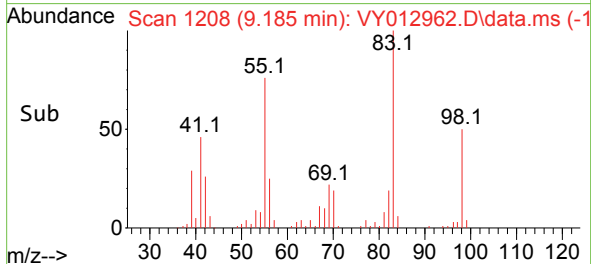
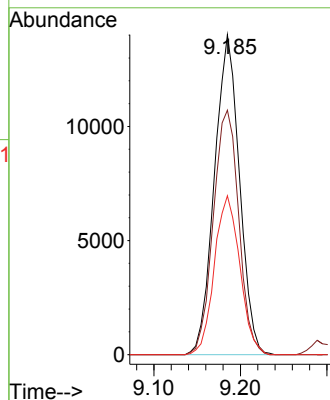
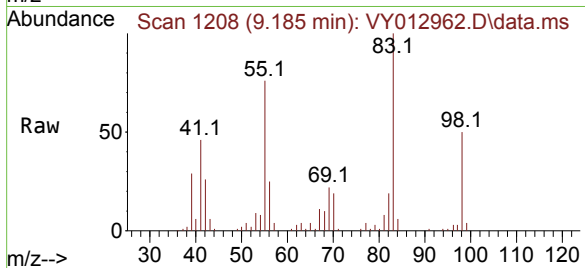
Tgt Ion: 83 Resp: 28168

Ion Ratio Lower Upper

83 100

55 76.4 60.0 90.0

98 49.7 38.3 57.5



#40

Benzene

Concen: 22.676 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012962.D

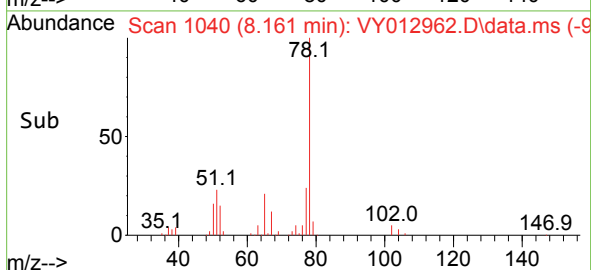
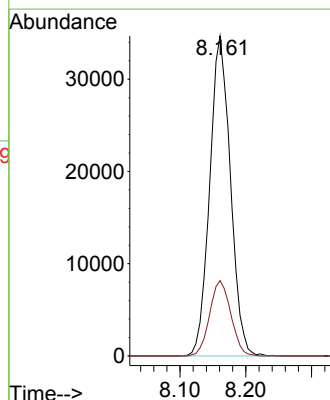
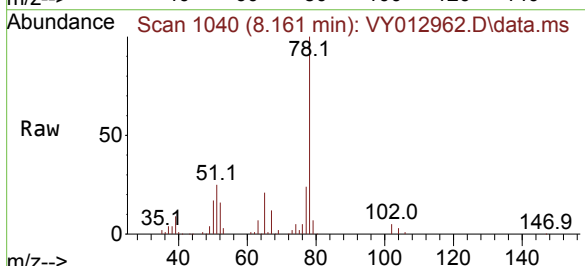
Acq: 16 Mar 2023 11:45

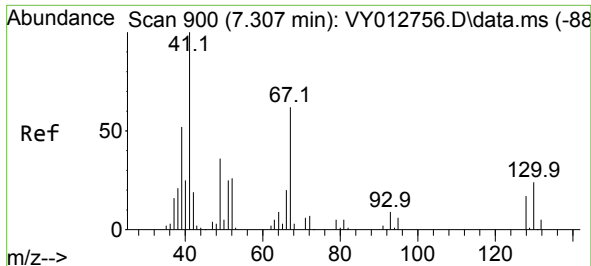
Tgt Ion: 78 Resp: 75962

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

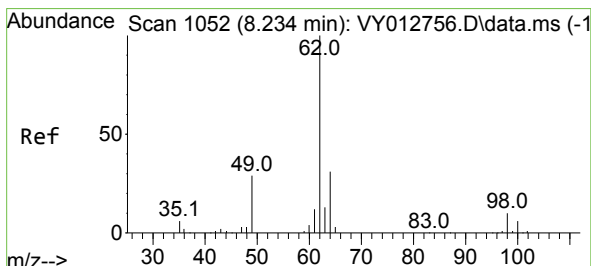
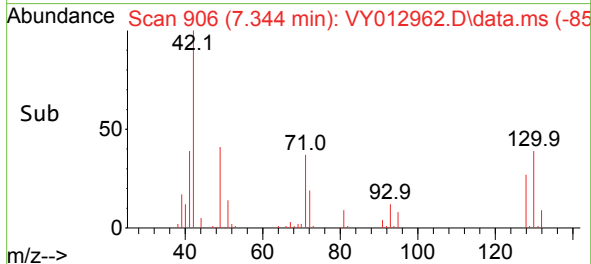
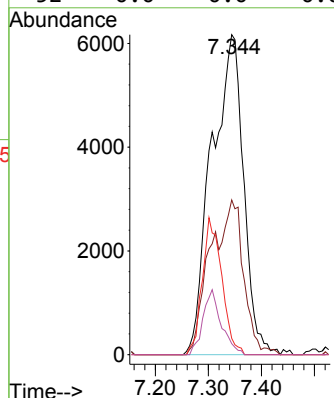
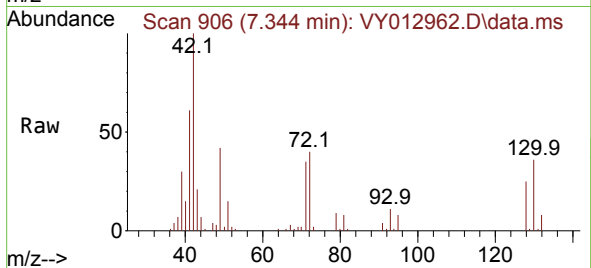




#41
Methacrylonitrile
Concen: 64.013 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

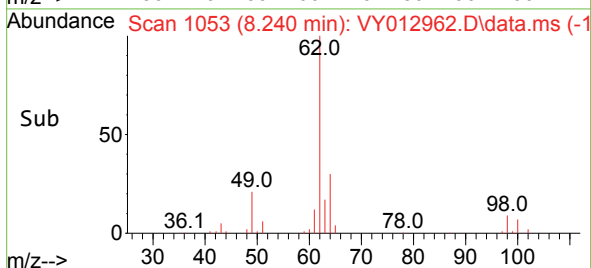
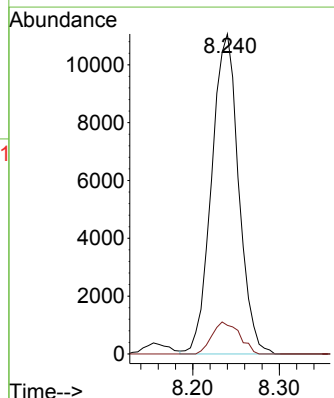
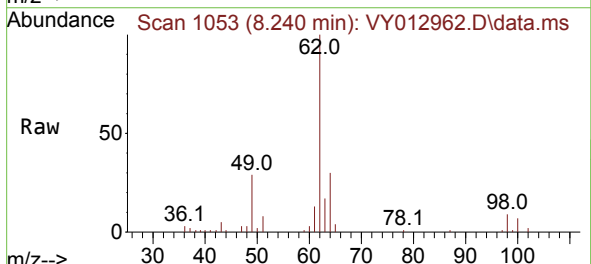
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

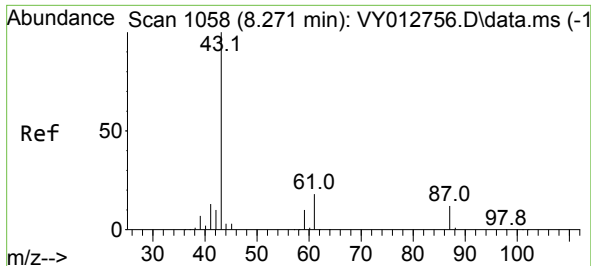
Tgt Ion:	41	Resp:	25743
Ion	Ratio	Lower	Upper
41	100		
39	28.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.850 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:	62	Resp:	24021
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.8

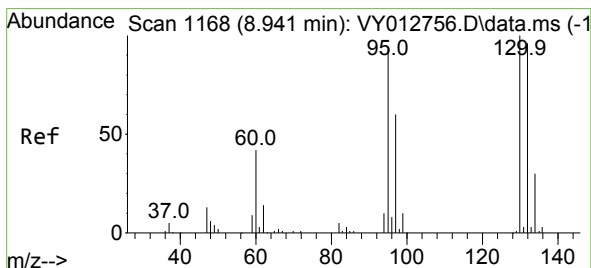
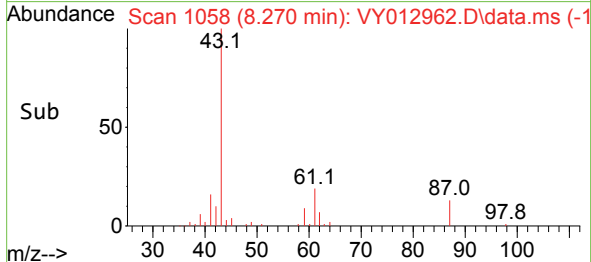
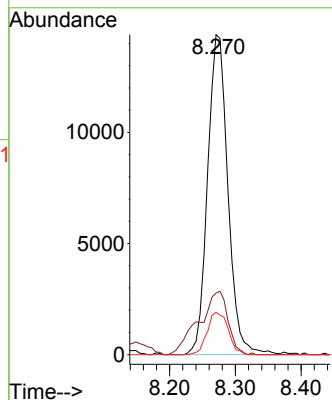
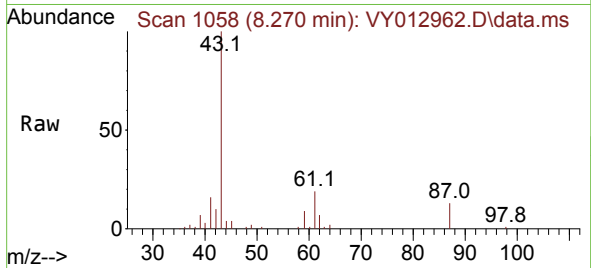




#43
Isopropyl Acetate
Concen: 23.252 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

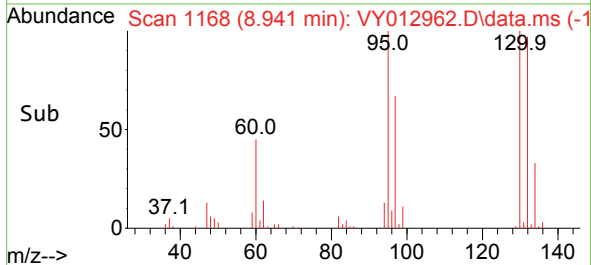
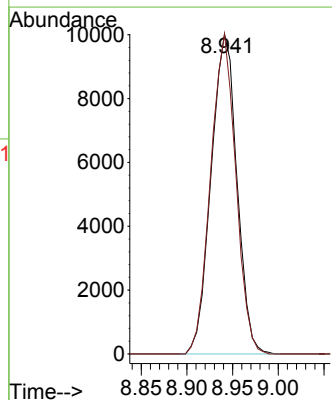
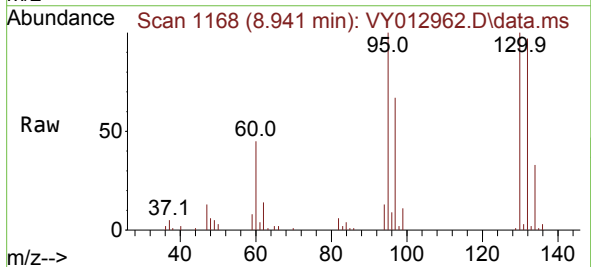
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

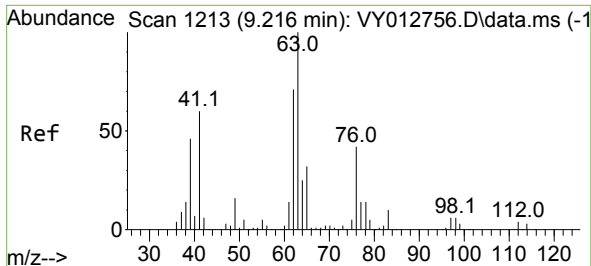
Tgt Ion: 43 Resp: 30965
Ion Ratio Lower Upper
43 100
61 28.3 21.6 32.4
87 13.6 9.9 14.9



#44
Trichloroethene
Concen: 22.254 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:130 Resp: 19655
Ion Ratio Lower Upper
130 100
95 100.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.761 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

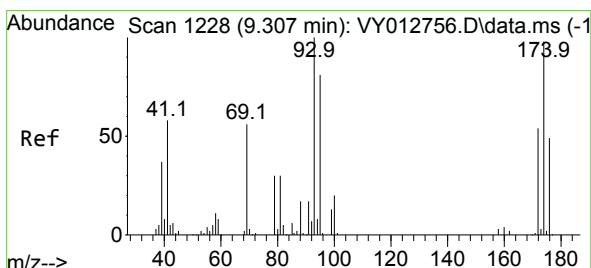
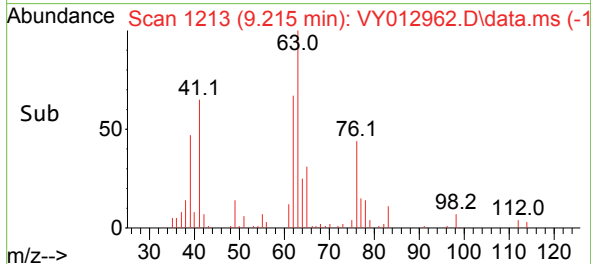
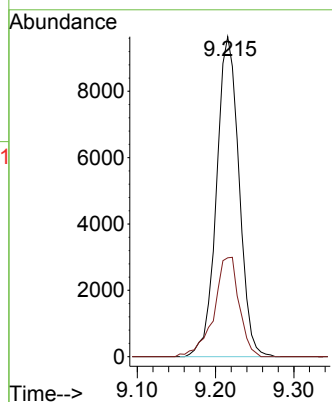
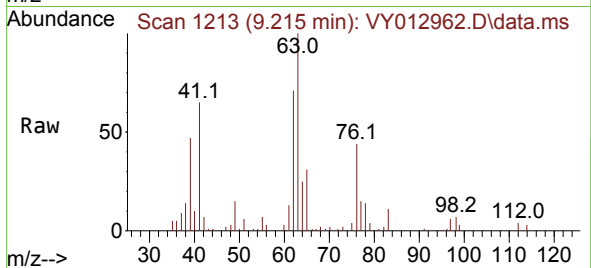
VY0316SBS01

Tgt Ion: 63 Resp: 19270

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 24.264 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

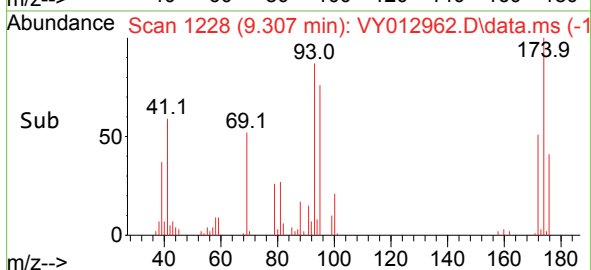
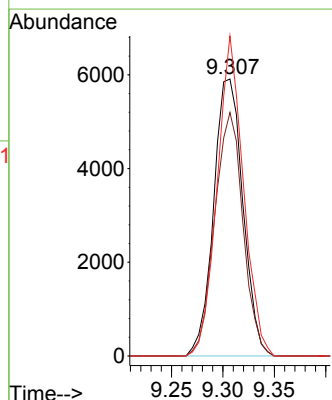
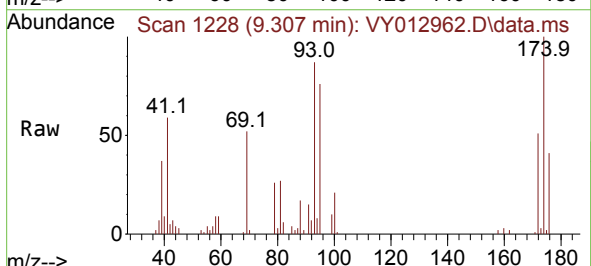
Tgt Ion: 93 Resp: 11703

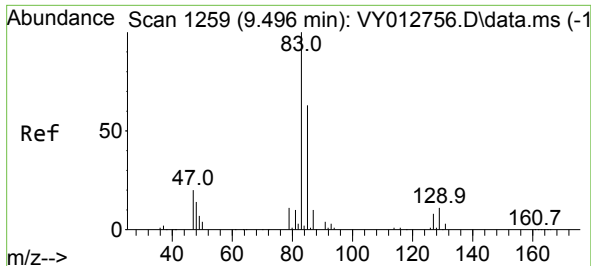
Ion Ratio Lower Upper

93 100

95 85.0 65.6 98.4

174 103.4 81.3 121.9

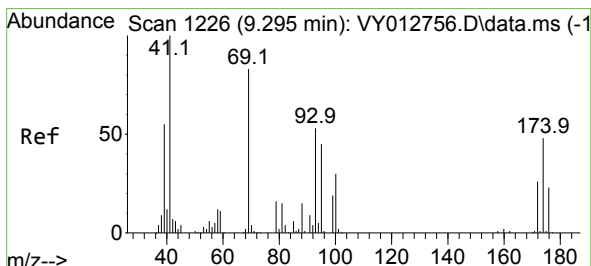
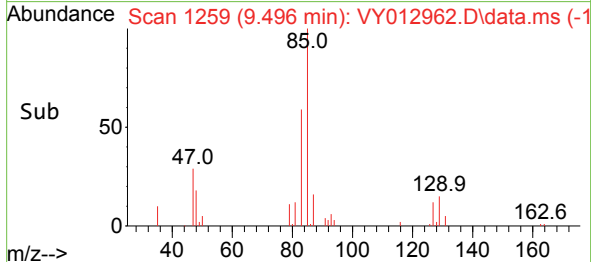
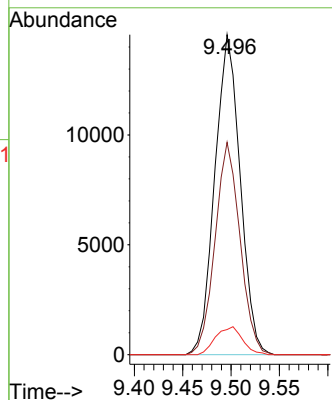
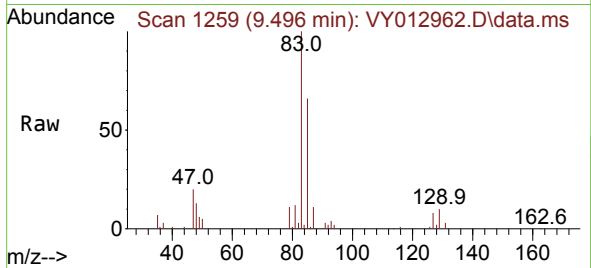




#47
Bromodichloromethane
Concen: 23.370 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

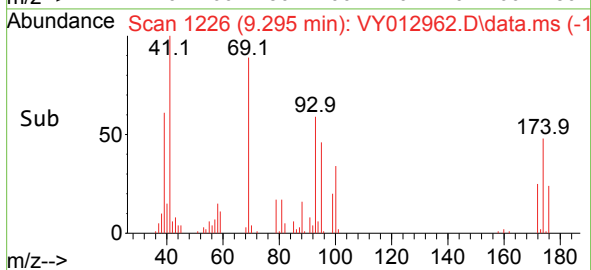
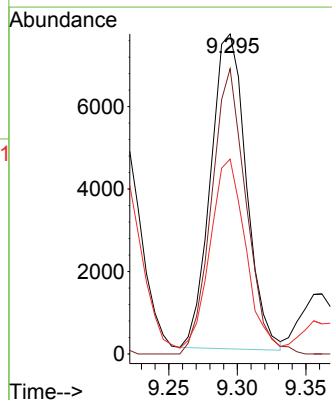
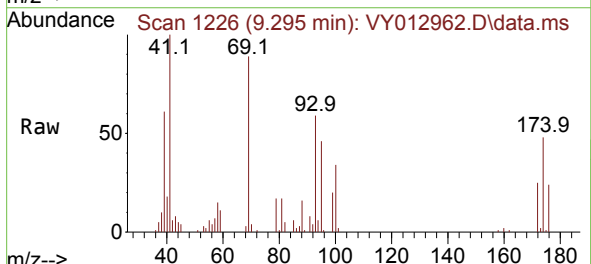
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

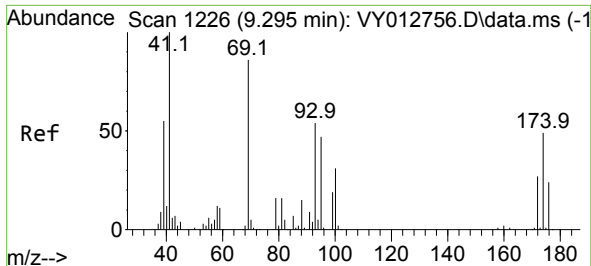
Tgt Ion: 83 Resp: 26562
Ion Ratio Lower Upper
83 100
85 66.3 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 22.519 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 41 Resp: 13818
Ion Ratio Lower Upper
41 100
69 87.6 64.1 96.1
39 59.4 44.0 66.0





#49

1,4-Dioxane

Concen: 550.584 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

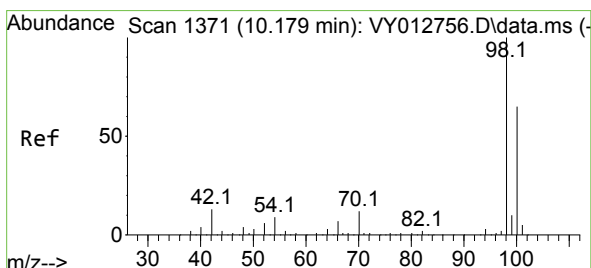
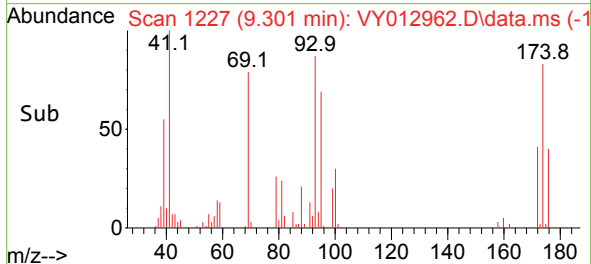
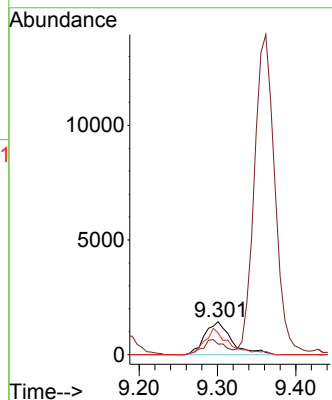
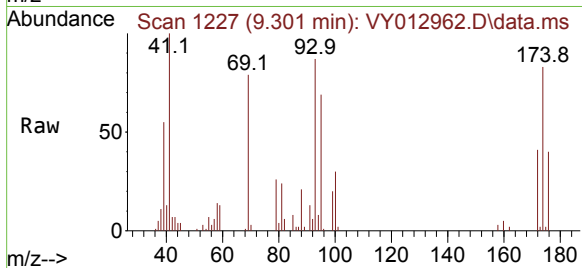
Tgt Ion: 88 Resp: 3433

Ion Ratio Lower Upper

88 100

43 36.1 28.6 42.8

58 72.4 55.2 82.8



#50

Toluene-d8

Concen: 48.130 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012962.D

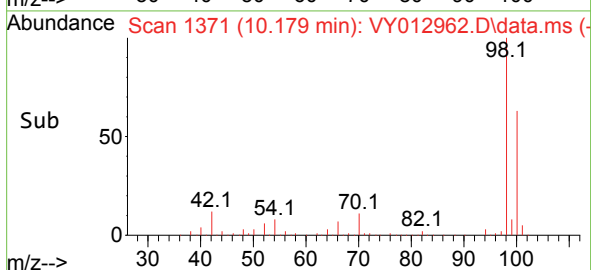
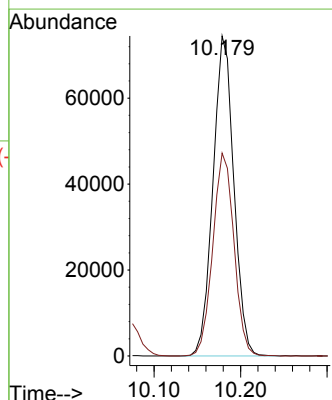
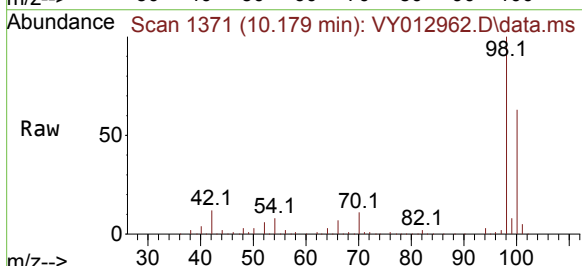
Acq: 16 Mar 2023 11:45

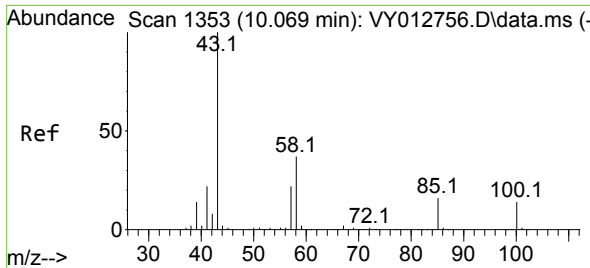
Tgt Ion: 98 Resp: 124344

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

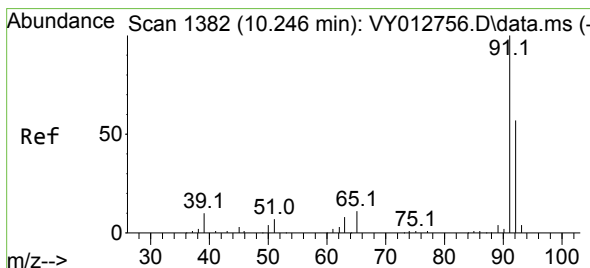
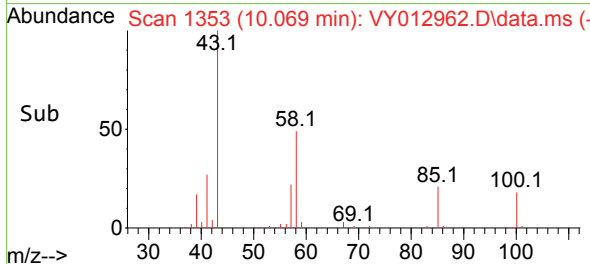
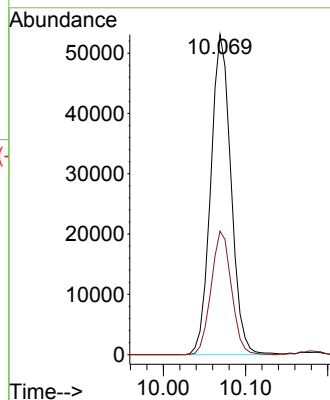
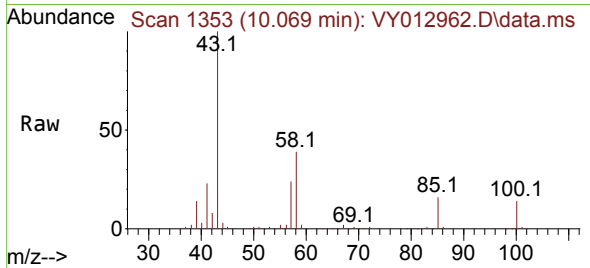




#51
4-Methyl-2-Pentanone
Concen: 125.978 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

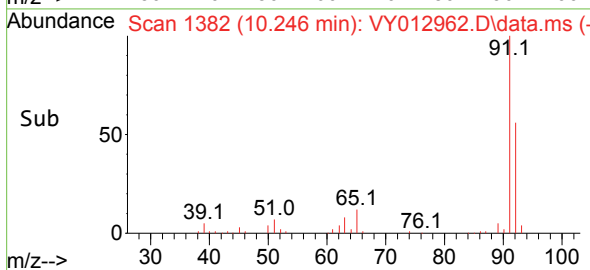
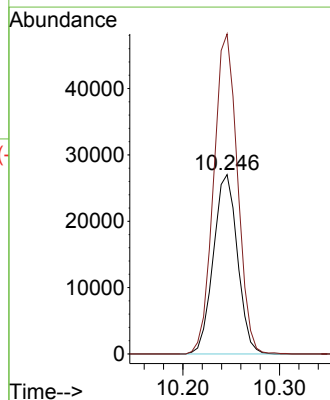
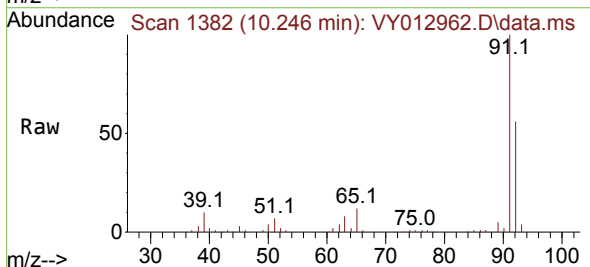
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

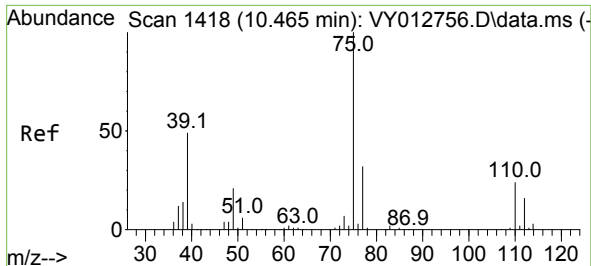
Tgt Ion: 43 Resp: 91002
Ion Ratio Lower Upper
43 100
58 38.6 29.8 44.6



#52
Toluene
Concen: 23.103 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 92 Resp: 46675
Ion Ratio Lower Upper
92 100
91 176.5 141.3 211.9

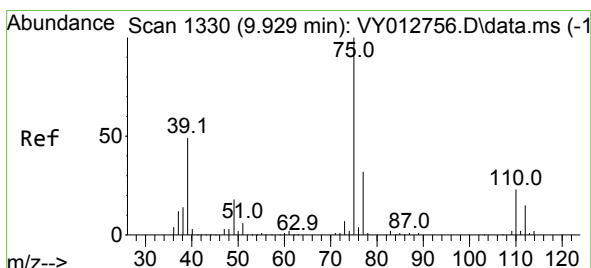
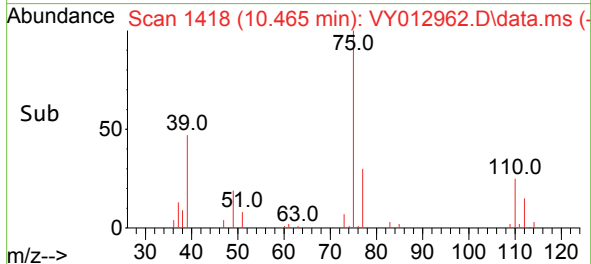
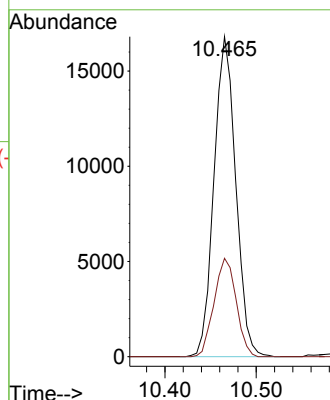
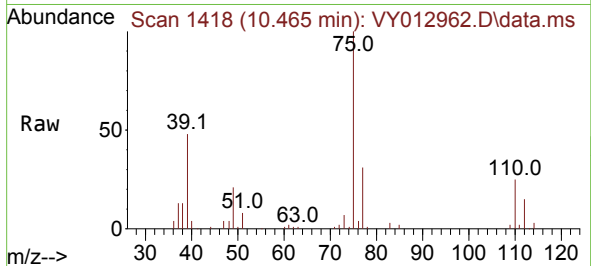




#53
 t-1,3-Dichloropropene
 Concen: 23.276 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

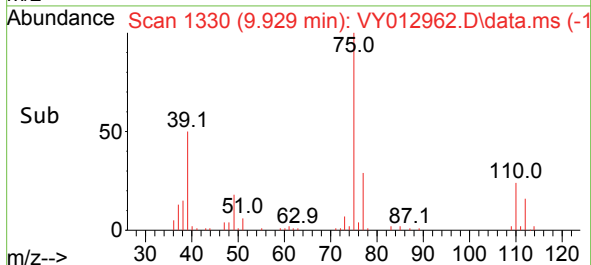
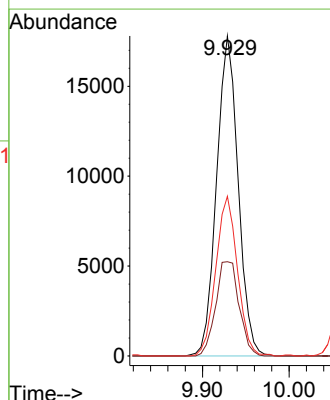
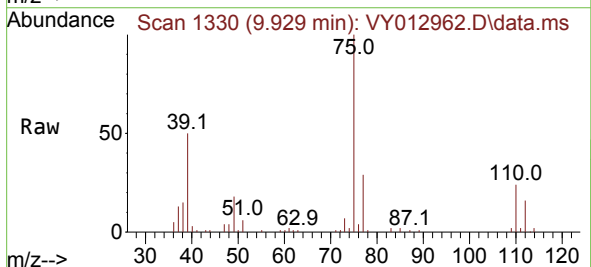
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

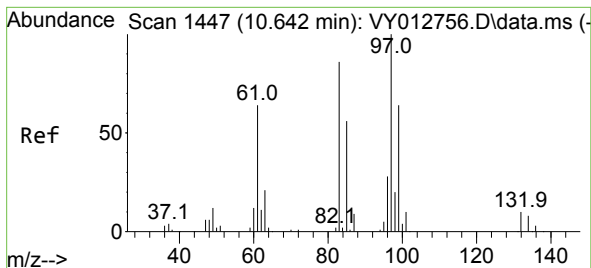
Tgt Ion: 75 Resp: 27749
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.791 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012962.D
 Acq: 16 Mar 2023 11:45

Tgt Ion: 75 Resp: 30754
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0
 39 49.9 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 24.414 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

Tgt Ion: 97 Resp: 16399

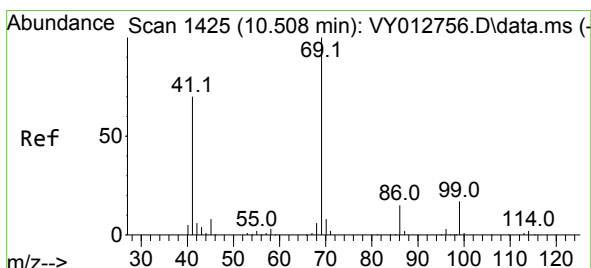
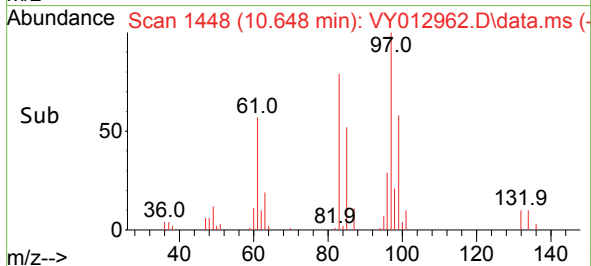
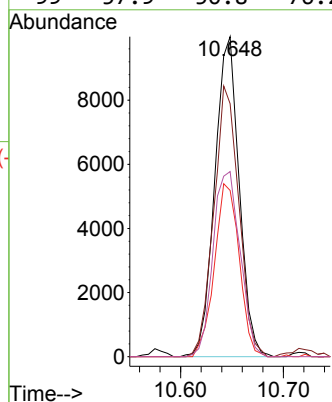
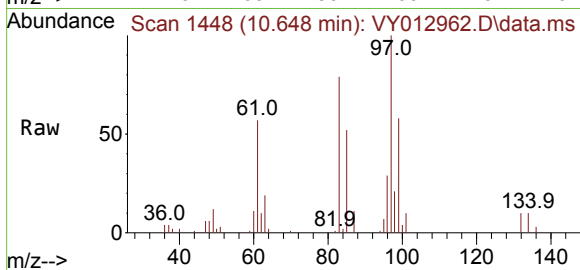
Ion Ratio Lower Upper

97 100

83 79.1 69.0 103.6

85 52.0 44.9 67.3

99 57.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 23.508 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

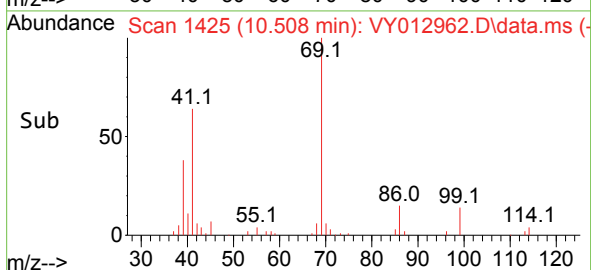
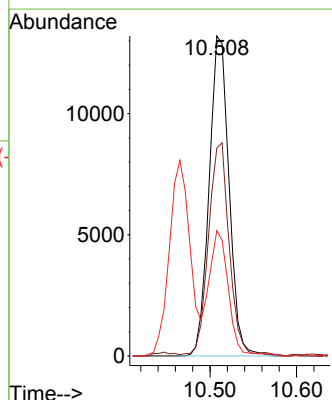
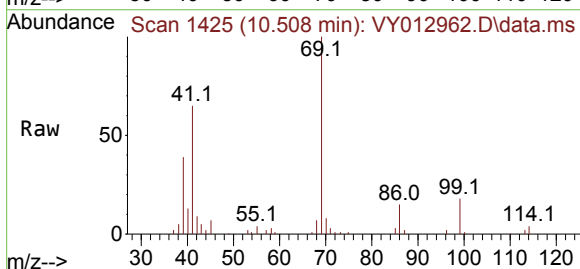
Tgt Ion: 69 Resp: 21055

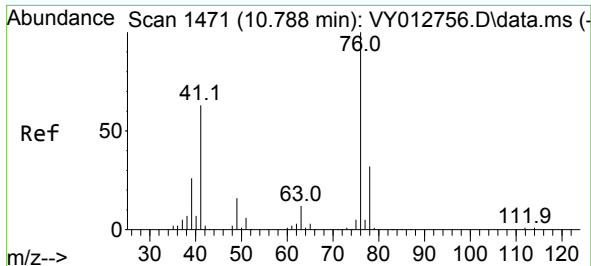
Ion Ratio Lower Upper

69 100

41 67.9 56.4 84.6

39 38.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 24.343 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

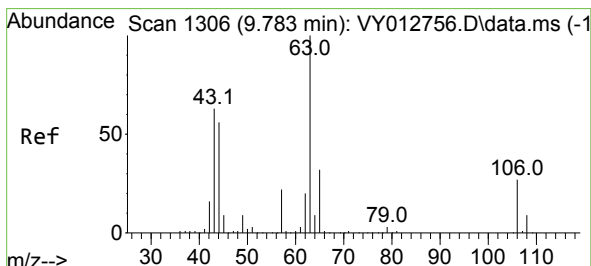
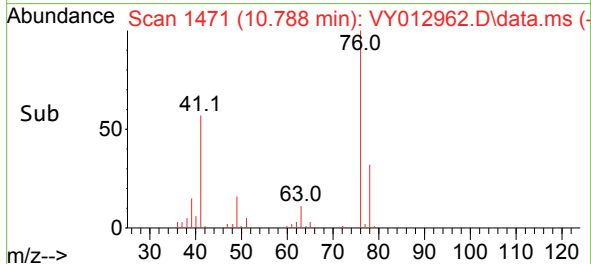
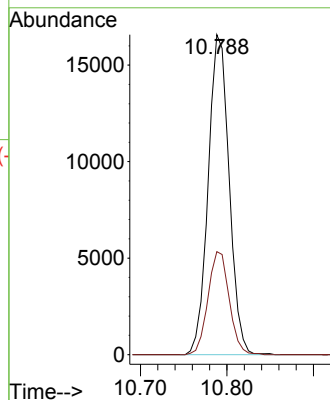
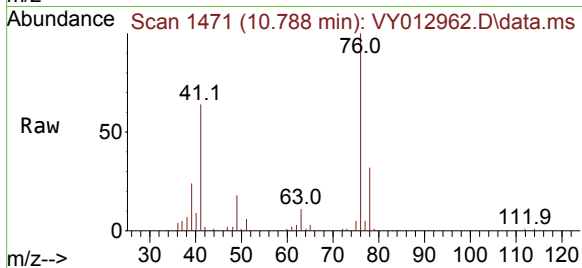
VY0316SBS01

Tgt Ion: 76 Resp: 27850

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 118.936 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012962.D

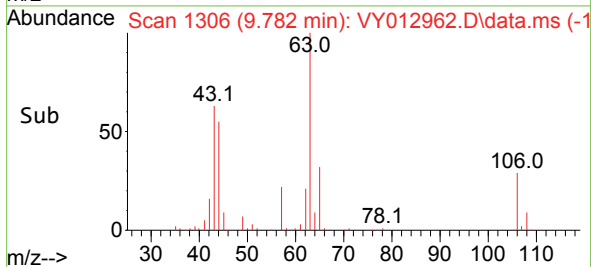
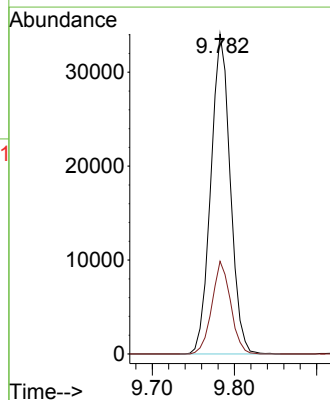
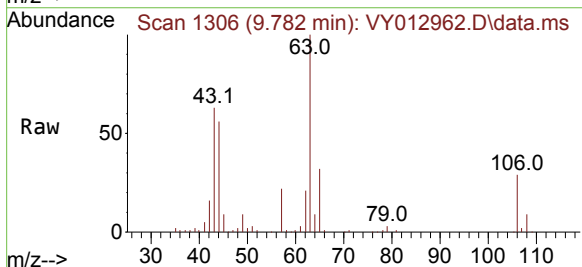
Acq: 16 Mar 2023 11:45

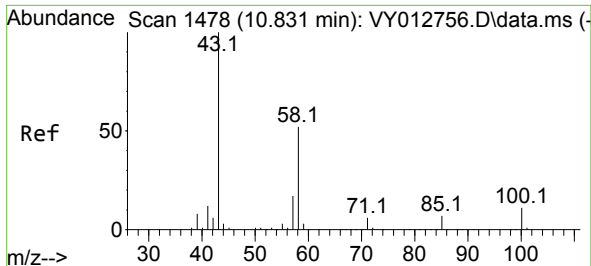
Tgt Ion: 63 Resp: 55921

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

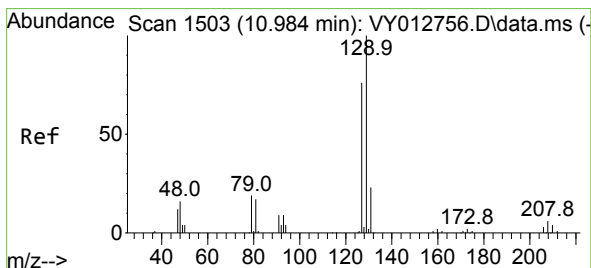
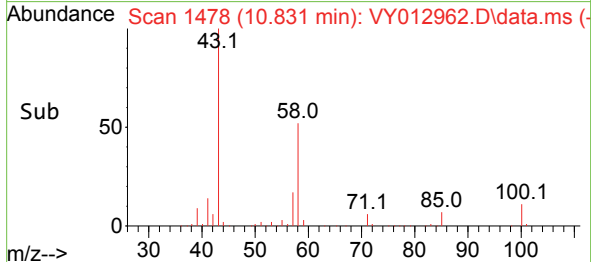
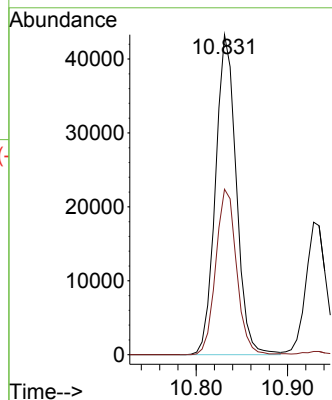
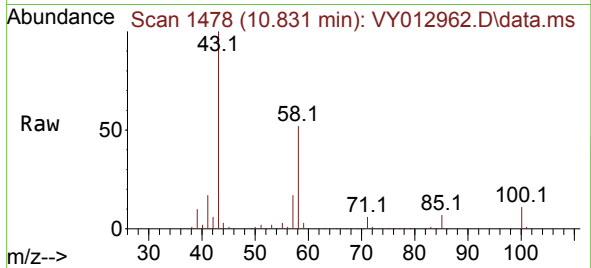




#59
2-Hexanone
Concen: 130.239 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

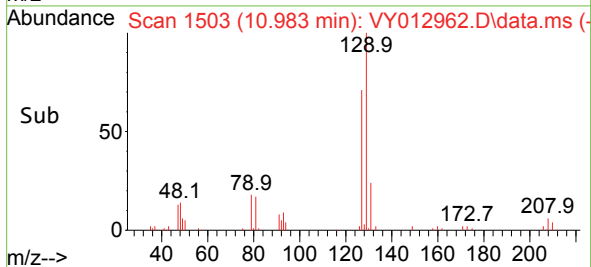
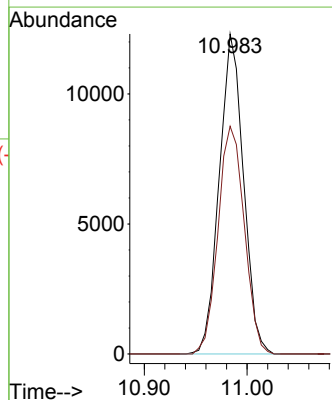
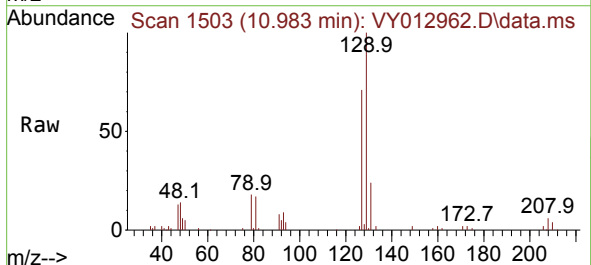
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

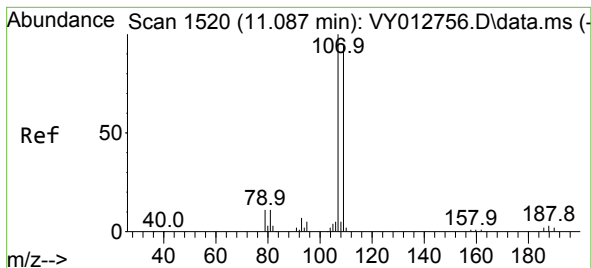
Tgt Ion: 43 Resp: 68376
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 24.601 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:129 Resp: 20115
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

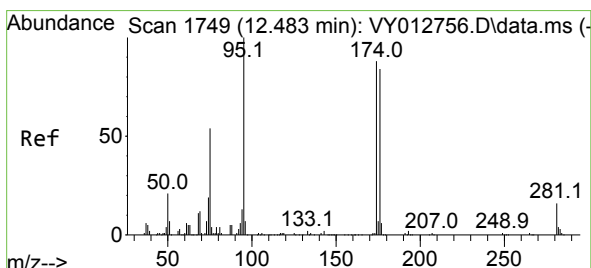
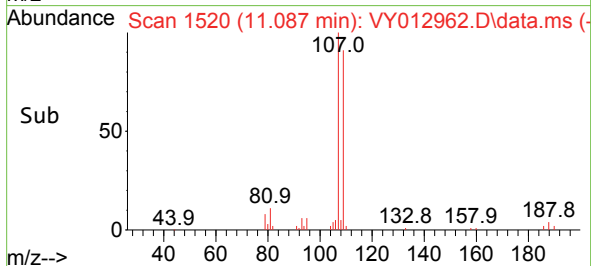
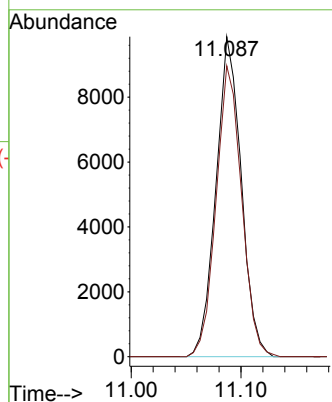
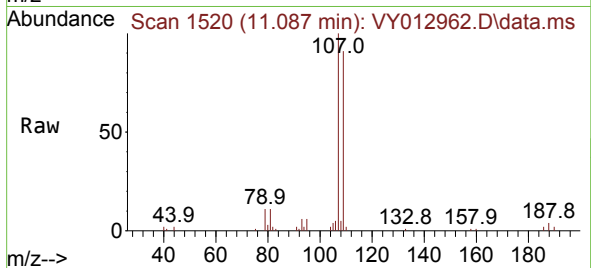




#61
1,2-Dibromoethane
Concen: 24.392 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

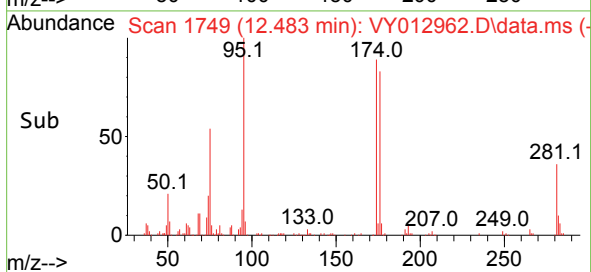
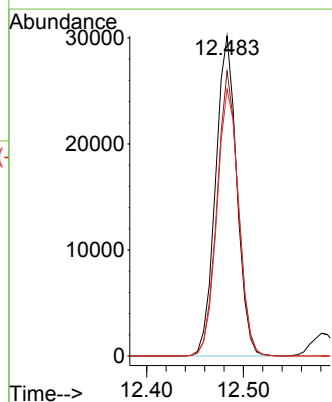
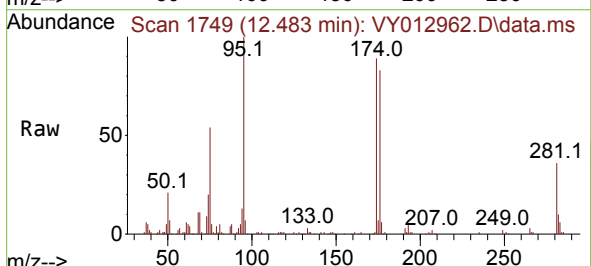
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

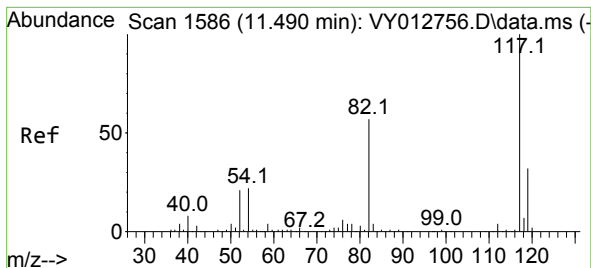
Tgt Ion:107 Resp: 15783
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion: 95 Resp: 45933
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.6
176 85.8 0.0 170.2

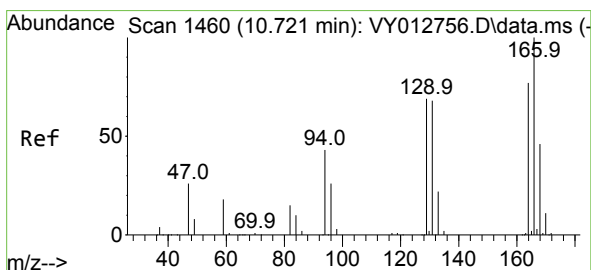
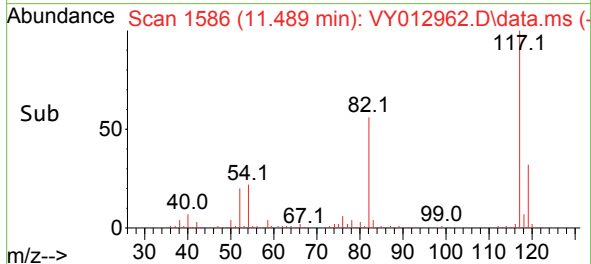
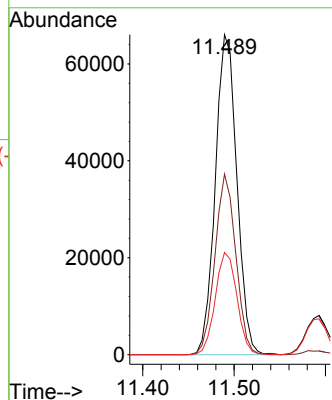
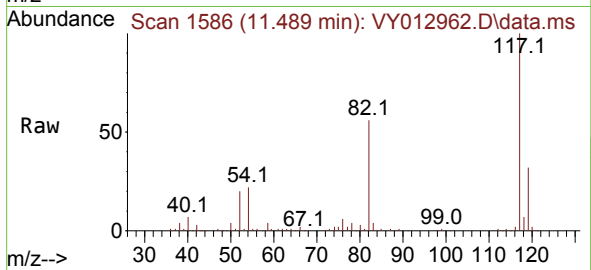




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

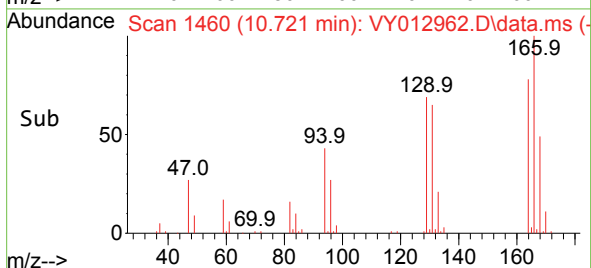
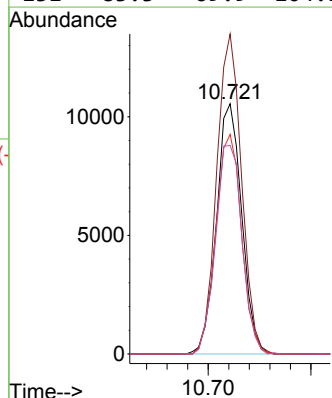
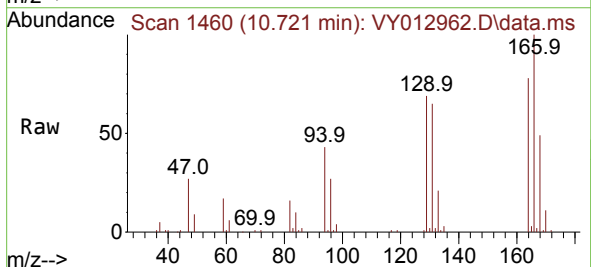
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

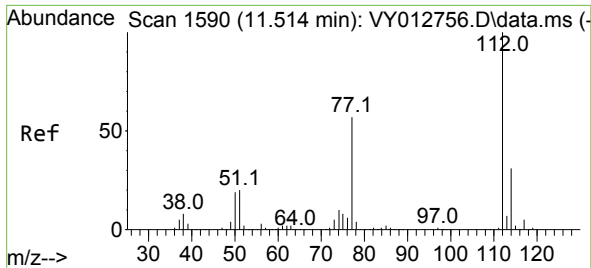
Tgt Ion:117 Resp: 108327
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 22.725 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:164 Resp: 17923
Ion Ratio Lower Upper
164 100
166 127.9 103.4 155.2
129 87.8 71.4 107.2
131 83.3 69.9 104.9

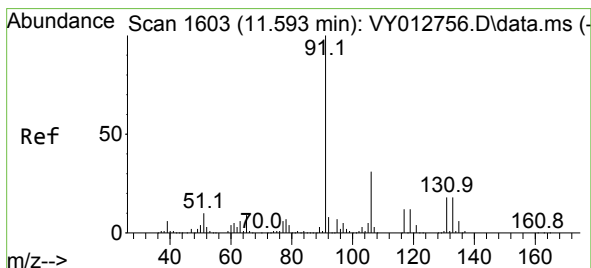
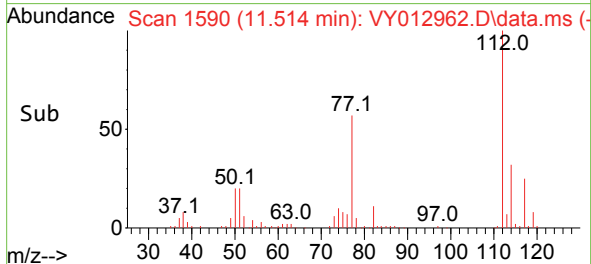
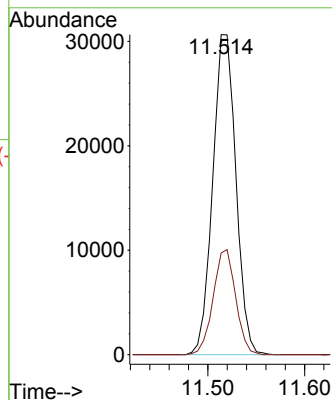
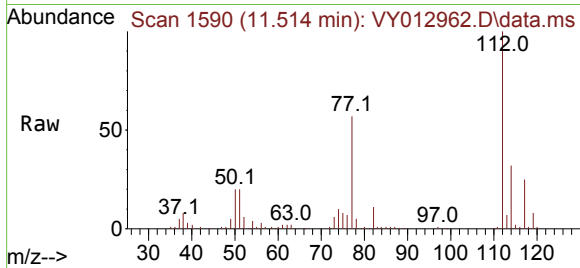




#65
Chlorobenzene
Concen: 22.451 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

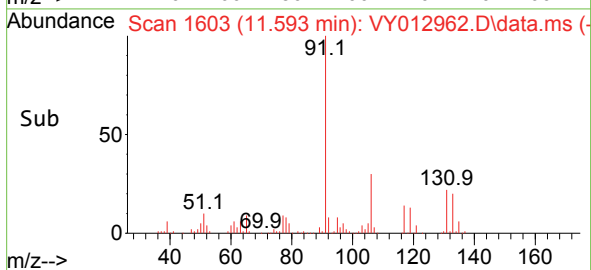
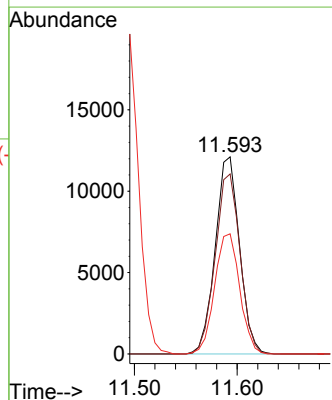
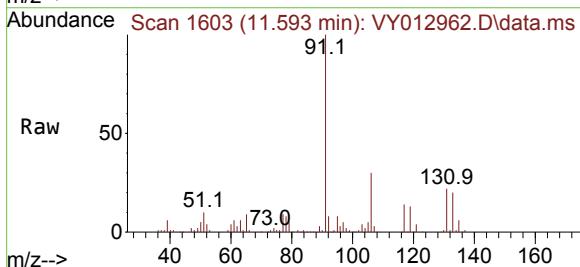
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

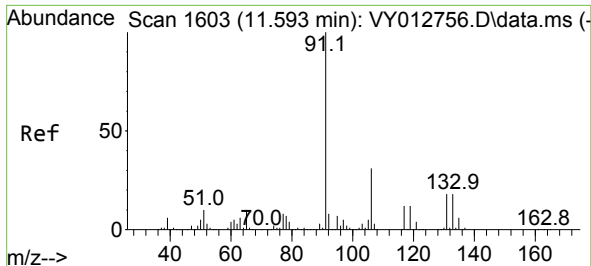
Tgt Ion:112 Resp: 51043
Ion Ratio Lower Upper
112 100
114 31.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.607 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:131 Resp: 19860
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.0
119 63.0 32.6 98.0





#67

Ethyl Benzene

Concen: 21.488 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

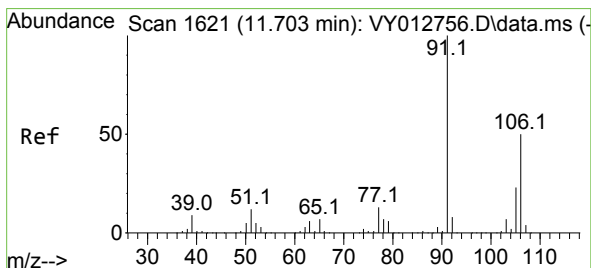
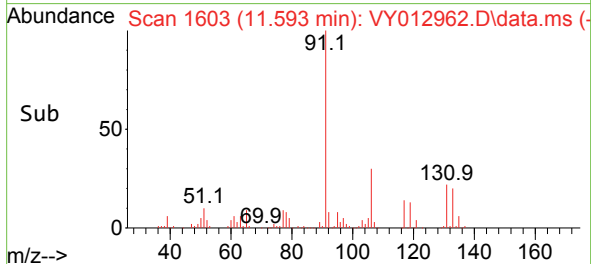
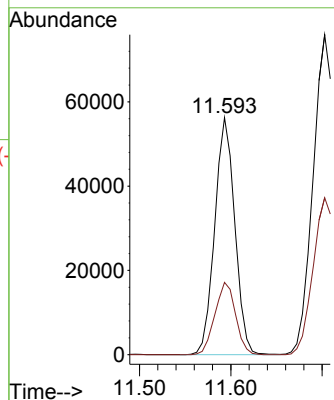
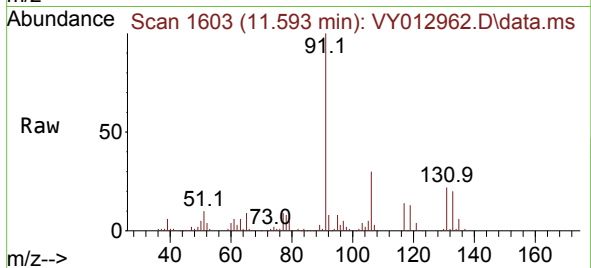
VY0316SBS01

Tgt Ion: 91 Resp: 85890

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 43.953 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012962.D

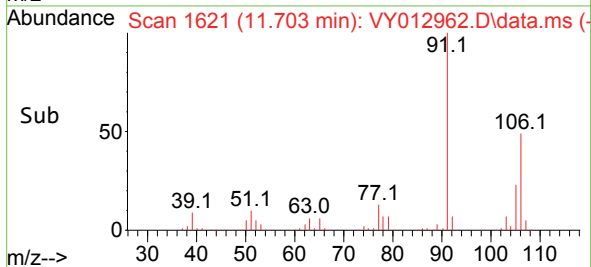
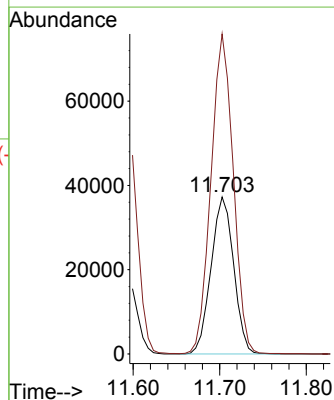
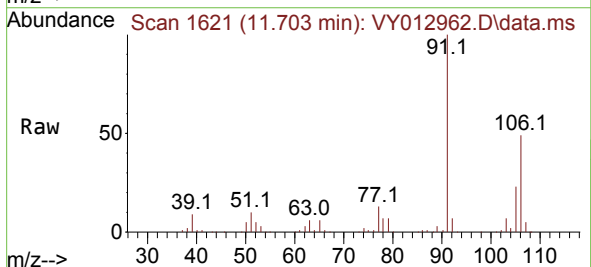
Acq: 16 Mar 2023 11:45

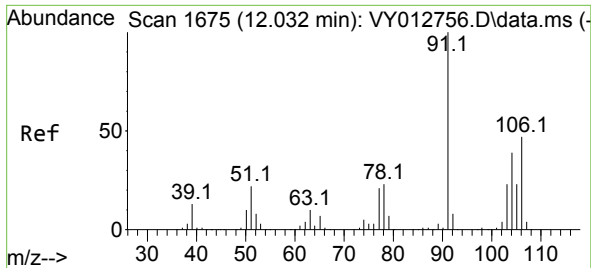
Tgt Ion:106 Resp: 67587

Ion Ratio Lower Upper

106 100

91 201.4 159.8 239.8

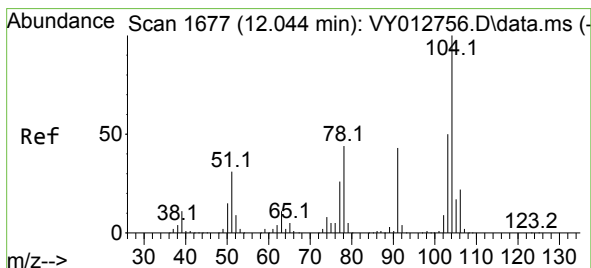
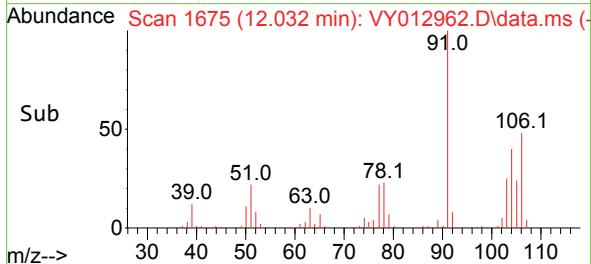
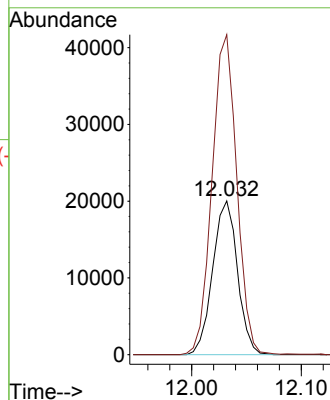
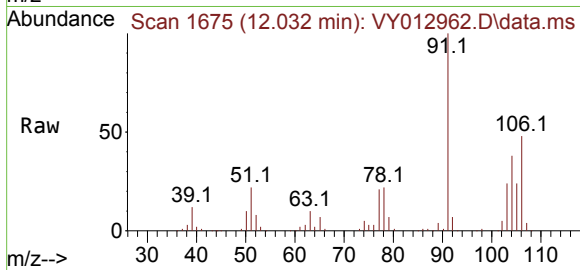




#69
o-Xylene
Concen: 21.923 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

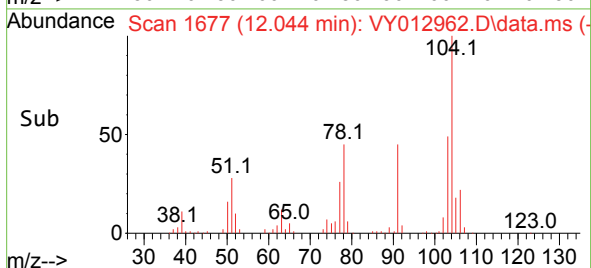
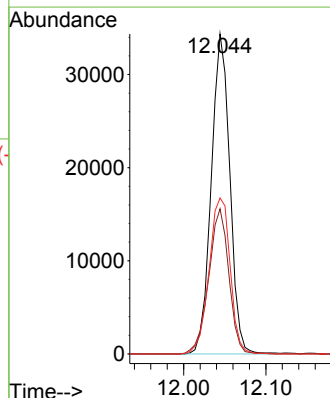
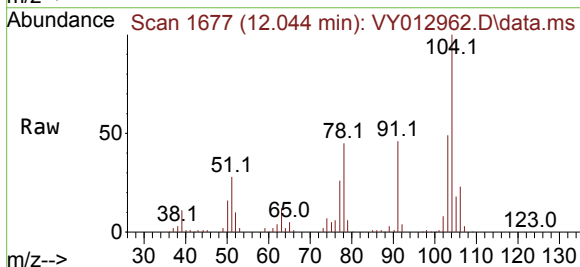
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

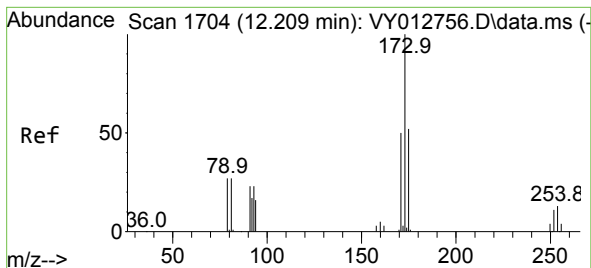
Tgt Ion:106 Resp: 31462
Ion Ratio Lower Upper
106 100
91 207.9 107.2 321.6



#70
Styrene
Concen: 22.538 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:104 Resp: 53976
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 24.889 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

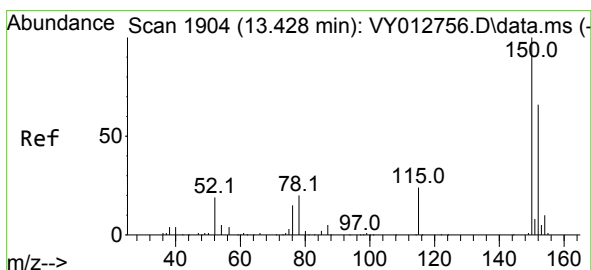
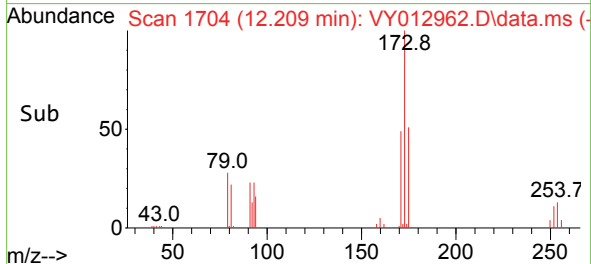
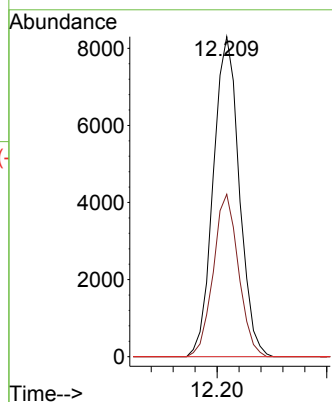
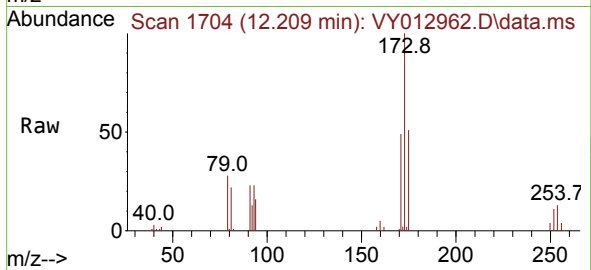
Tgt Ion:173 Resp: 13652

Ion Ratio Lower Upper

173 100

175 49.2 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: VY012962.D

Acq: 16 Mar 2023 11:45

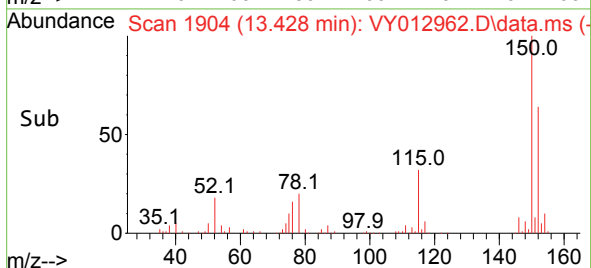
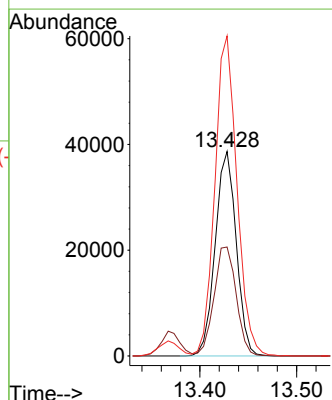
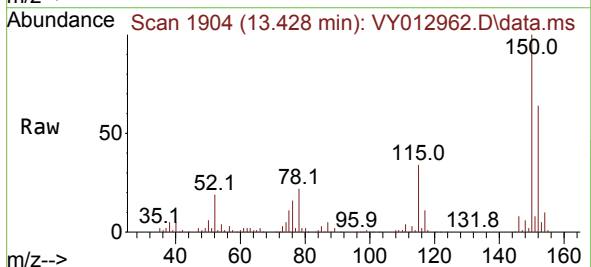
Tgt Ion:152 Resp: 58386

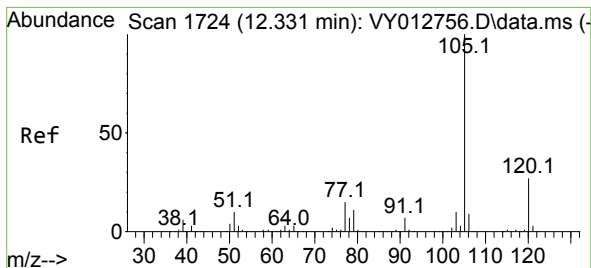
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 164.0 0.0 347.8





#73

Isopropylbenzene

Concen: 20.135 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

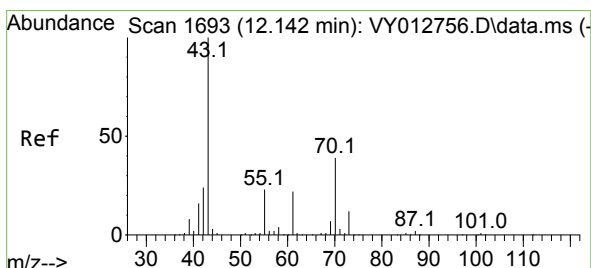
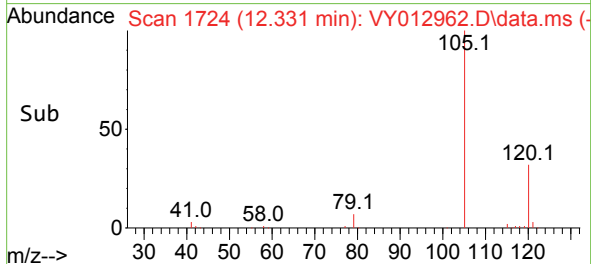
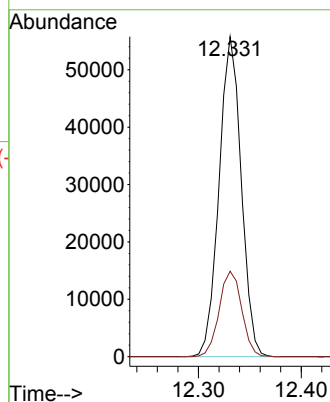
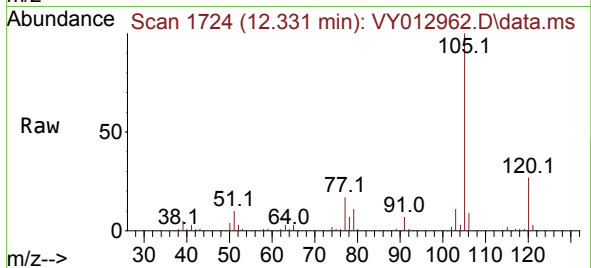
VY0316SBS01

Tgt Ion:105 Resp: 83314

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 20.950 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Tgt Ion: 43 Resp: 27275

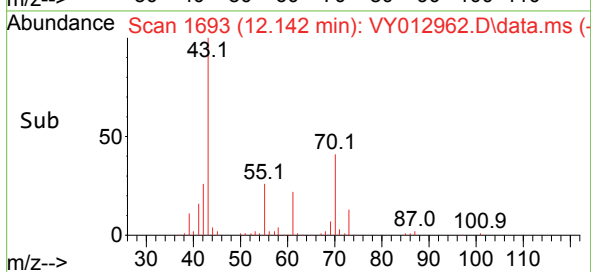
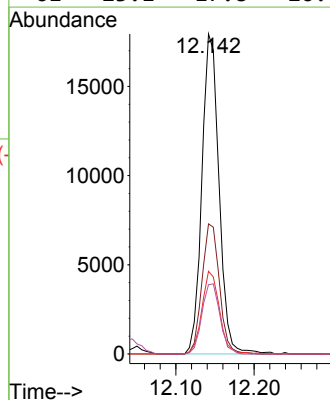
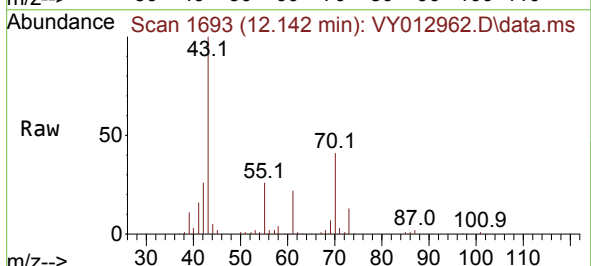
Ion Ratio Lower Upper

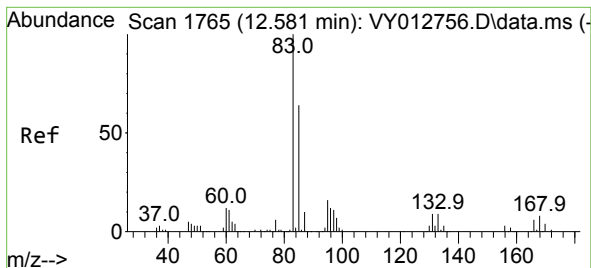
43 100

70 41.4 31.6 47.4

55 26.3 18.8 28.2

61 23.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.127 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

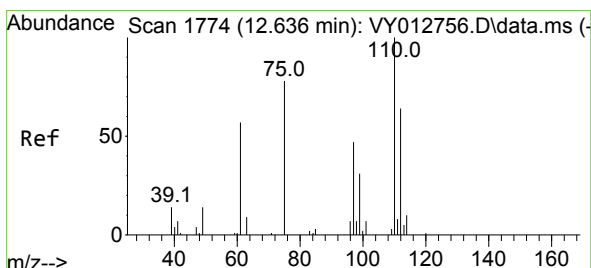
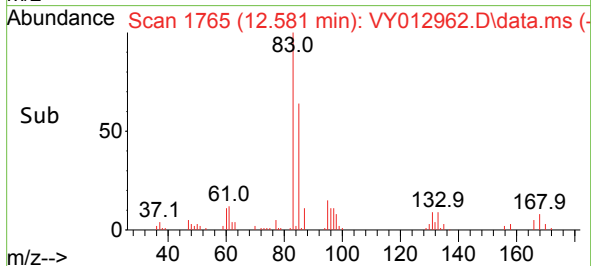
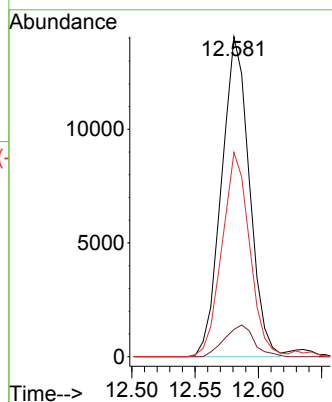
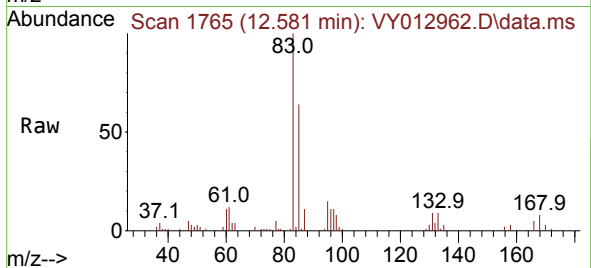
Tgt Ion: 83 Resp: 21512

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 63.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 38.445 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012962.D

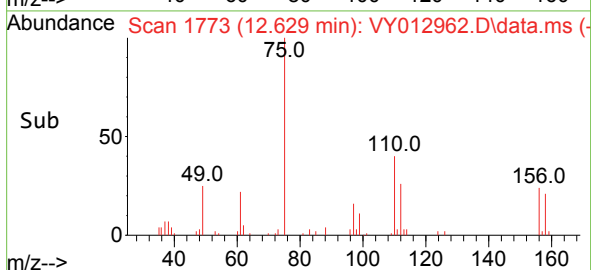
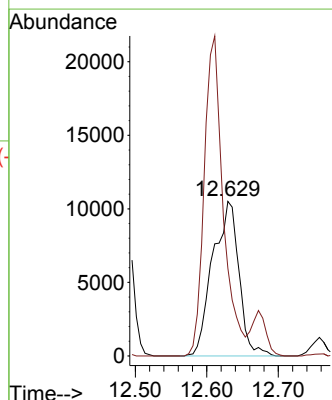
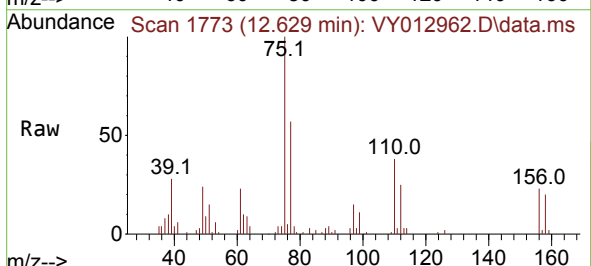
Acq: 16 Mar 2023 11:45

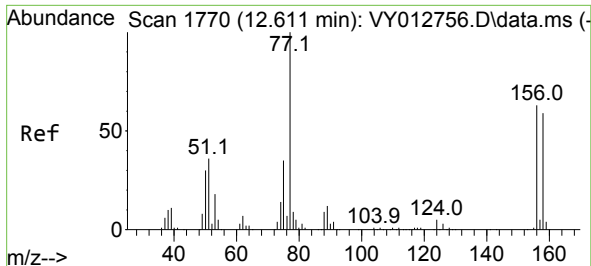
Tgt Ion: 75 Resp: 26805

Ion Ratio Lower Upper

75 100

77 149.6 0.0 0.0#

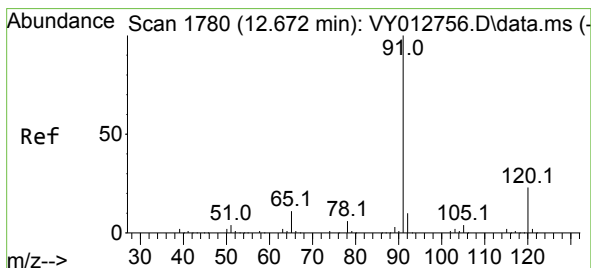
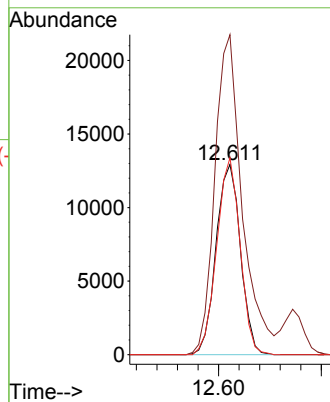
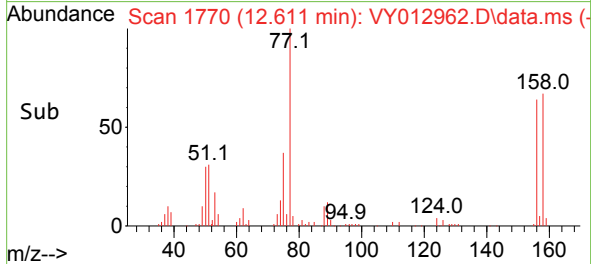
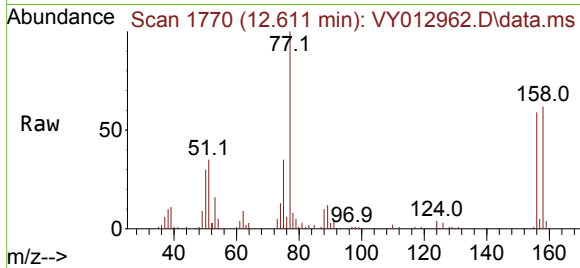




#77
Bromobenzene
Concen: 21.171 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

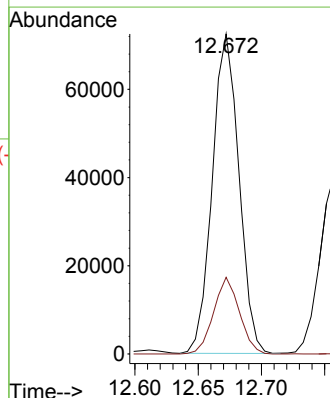
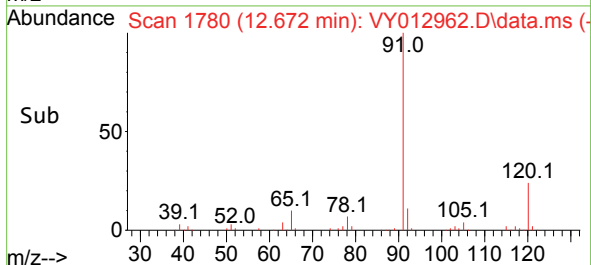
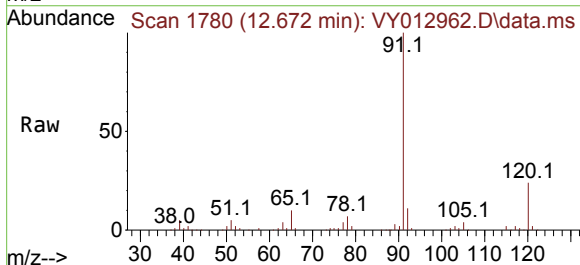
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

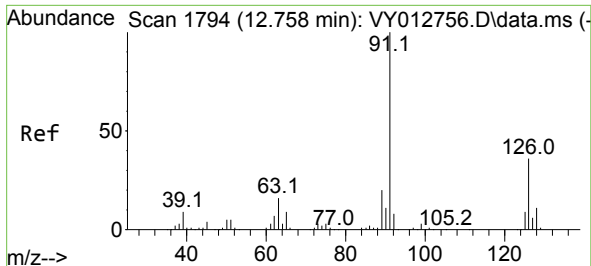
Tgt Ion	Ratio	Lower	Upper
156	100		
77	188.5	94.0	282.1
158	99.1	48.1	144.4



#78
n-propylbenzene
Concen: 20.752 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.6	34.8

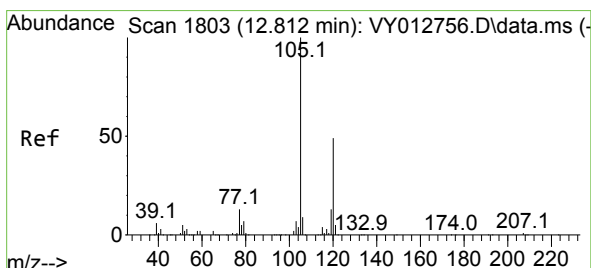
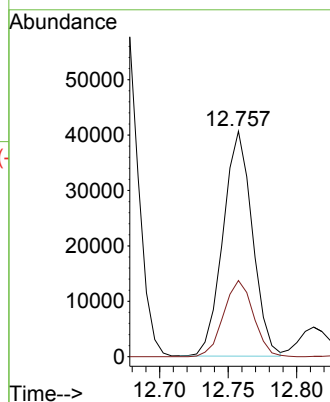
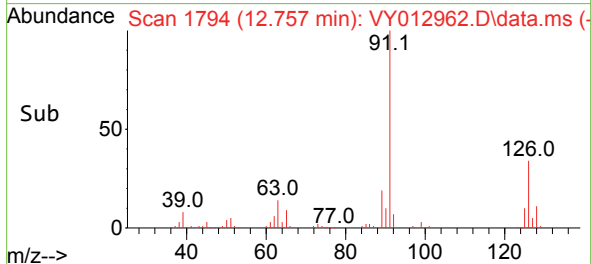
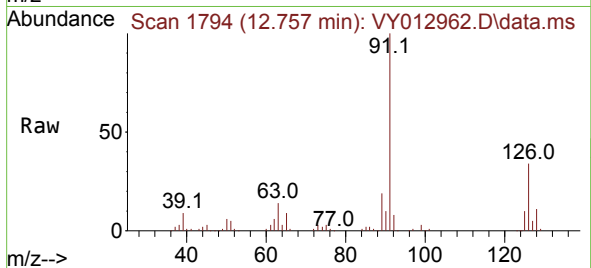




#79
2-Chlorotoluene
Concen: 21.353 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

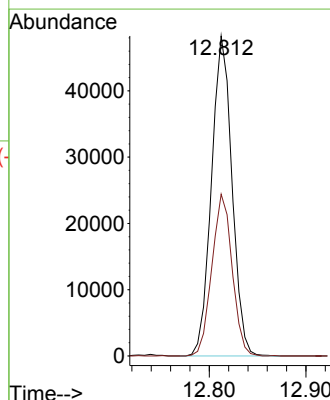
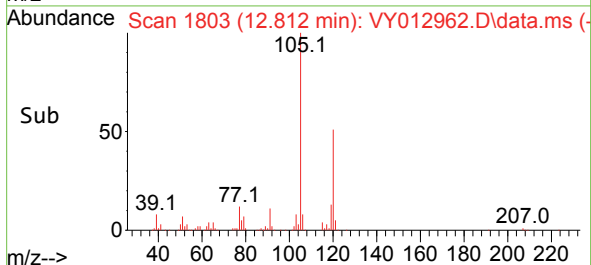
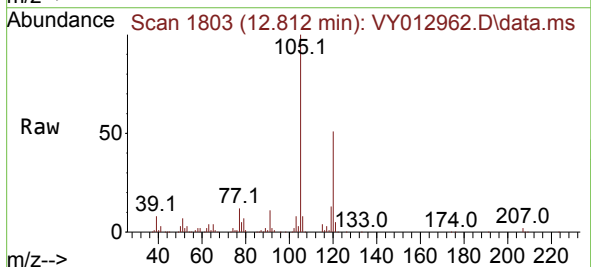
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

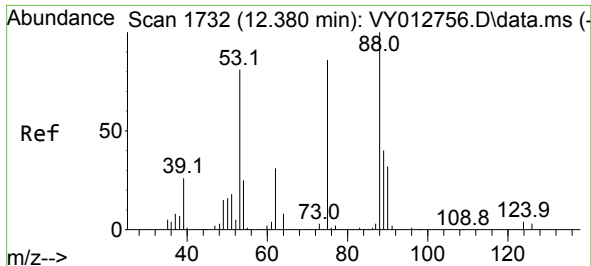
Tgt Ion: 91 Resp: 60543
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.840 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:105 Resp: 71164
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

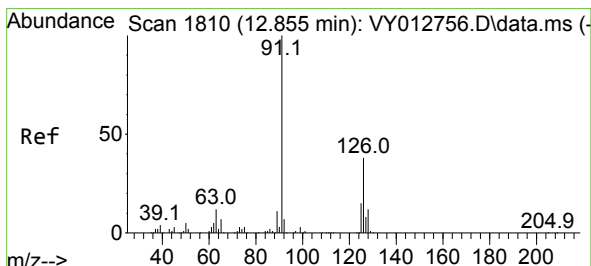
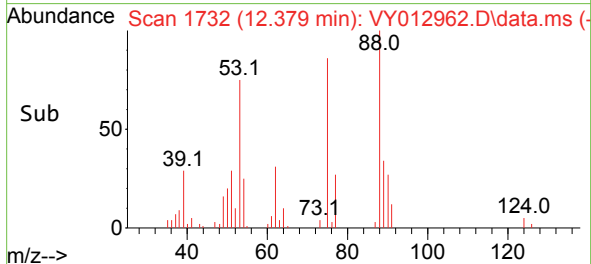
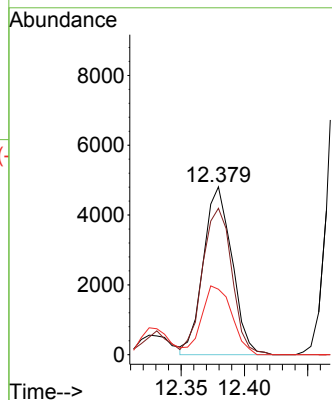
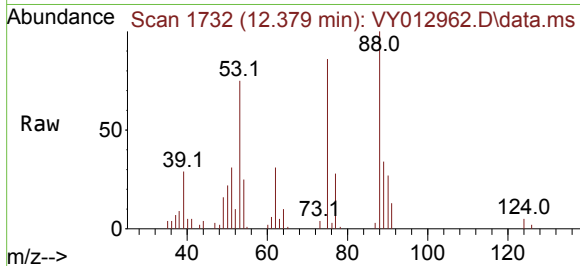




#81
trans-1,4-Dichloro-2-butene
Concen: 22.589 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

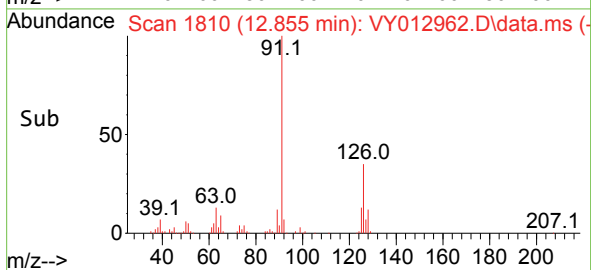
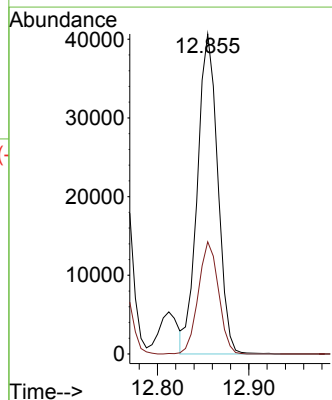
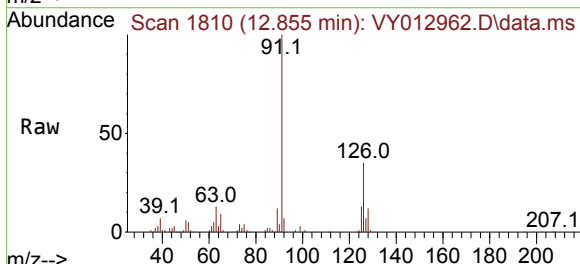
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

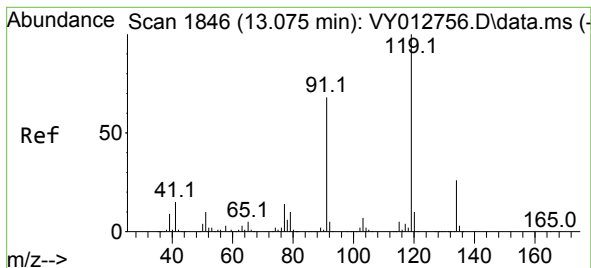
Tgt Ion:	75	Resp:	7601
Ion	Ratio	Lower	Upper
75	100		
53	89.6	73.4	110.0
89	43.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.410 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:	91	Resp:	62839
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.7	53.1





#83

tert-Butylbenzene

Concen: 20.359 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

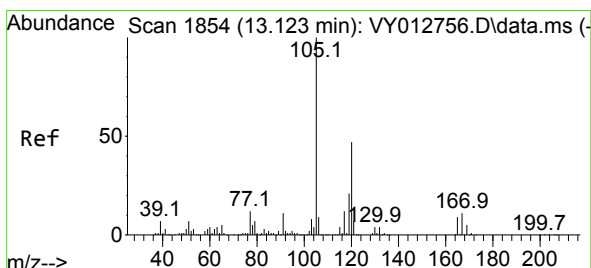
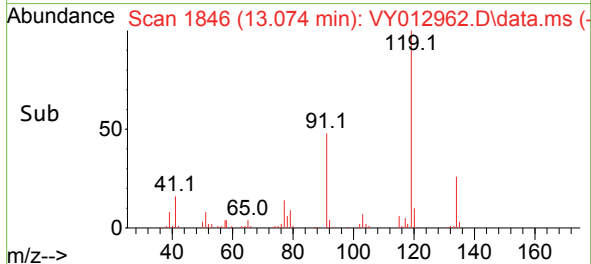
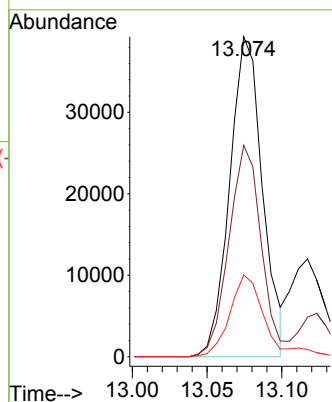
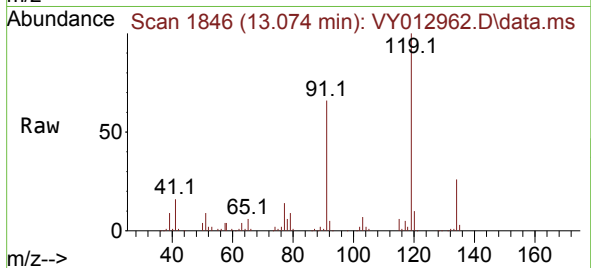
Tgt Ion:119 Resp: 60005

Ion Ratio Lower Upper

119 100

91 65.7 32.8 98.3

134 27.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.040 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012962.D

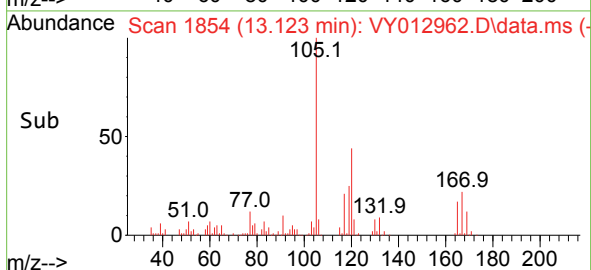
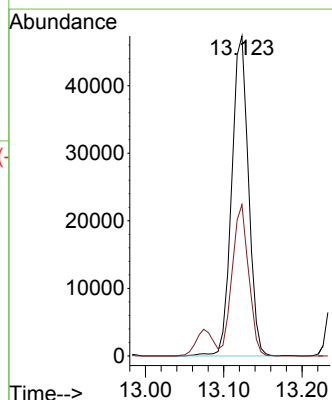
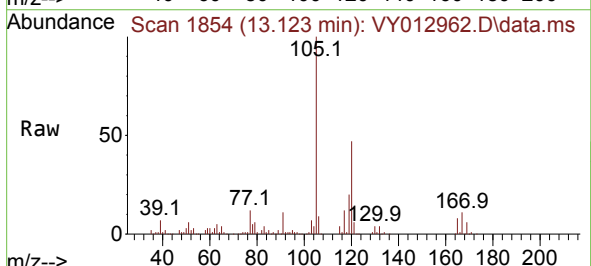
Acq: 16 Mar 2023 11:45

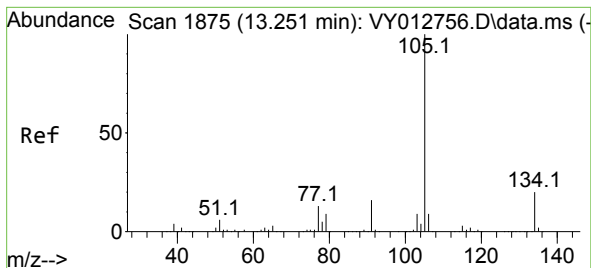
Tgt Ion:105 Resp: 70258

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.667 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

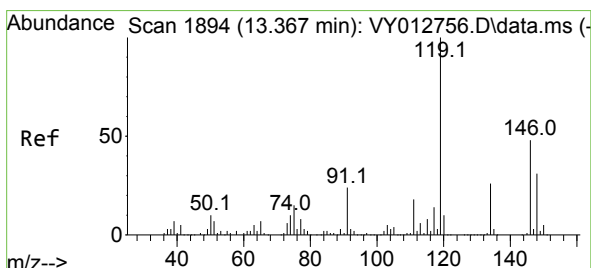
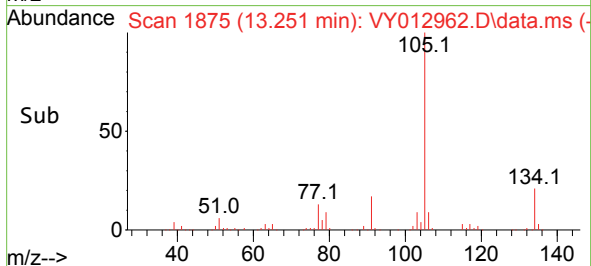
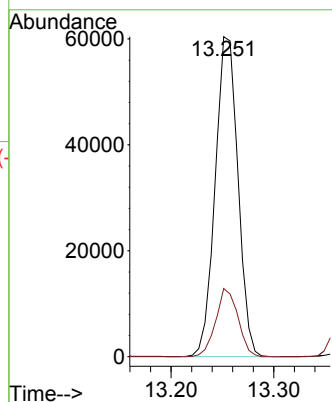
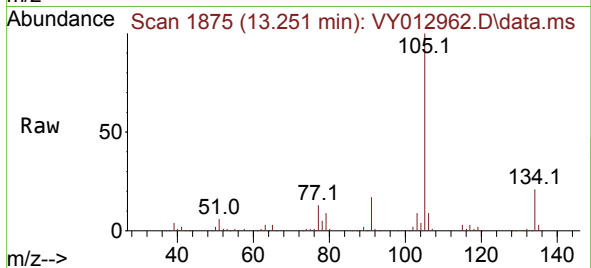
VY0316SBS01

Tgt Ion:105 Resp: 92927

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.172 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

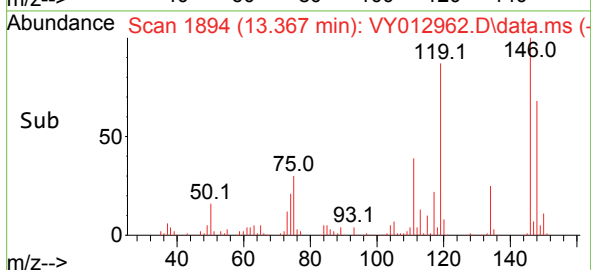
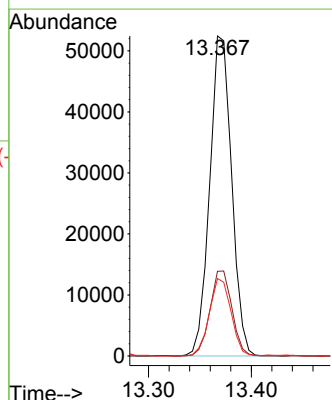
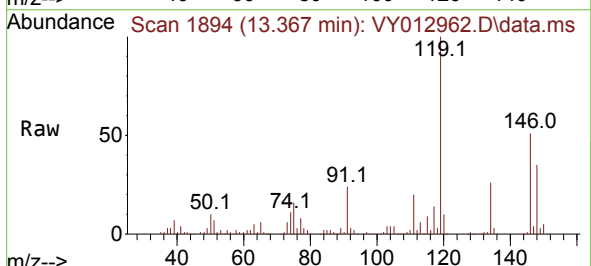
Tgt Ion:119 Resp: 77806

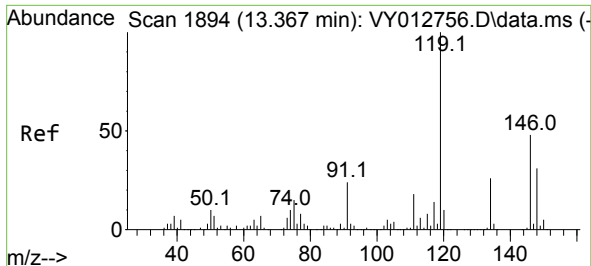
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.917 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

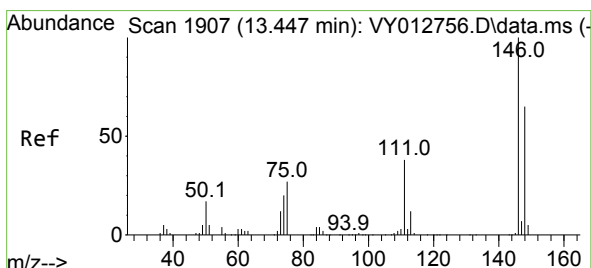
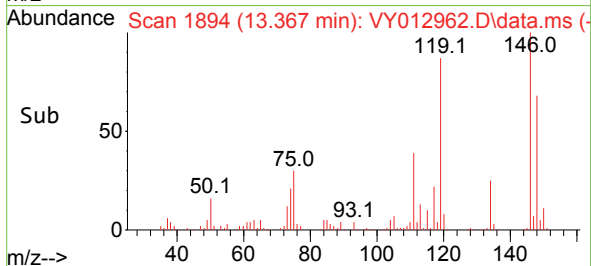
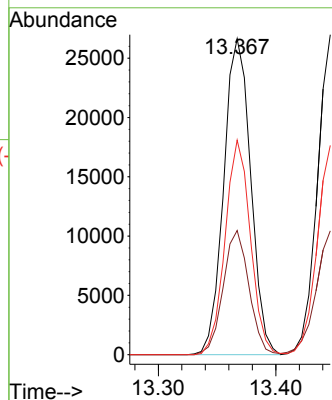
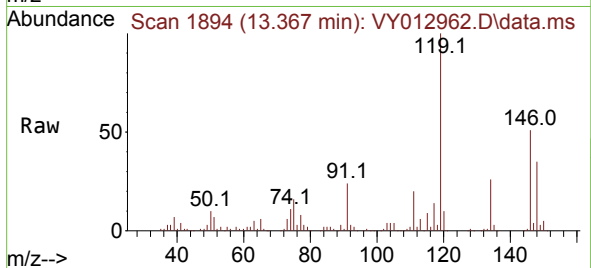
Tgt Ion:146 Resp: 42491

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.505 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

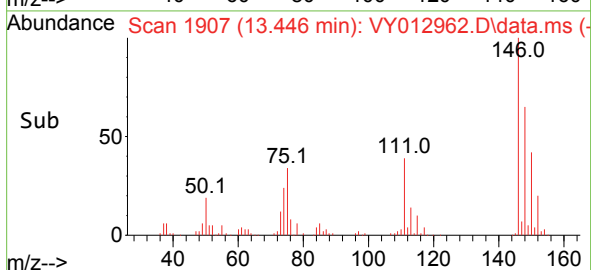
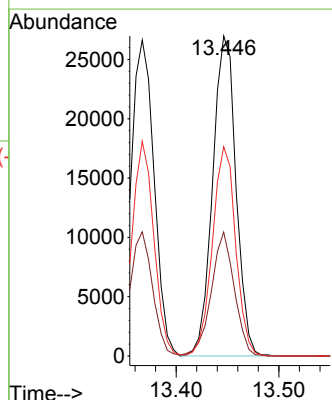
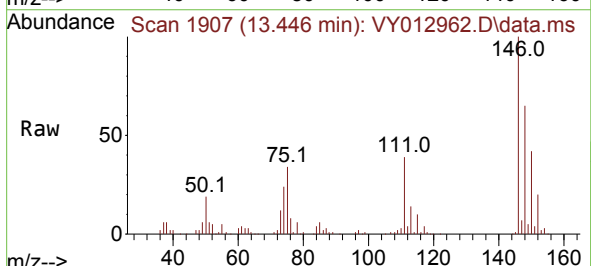
Tgt Ion:146 Resp: 42551

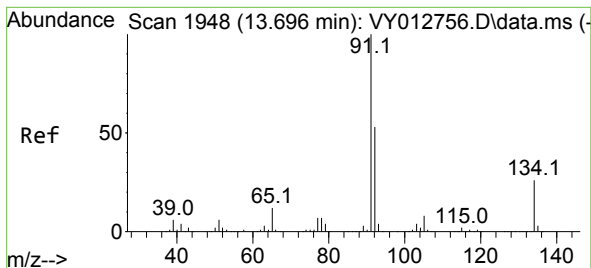
Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.8

148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 20.098 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

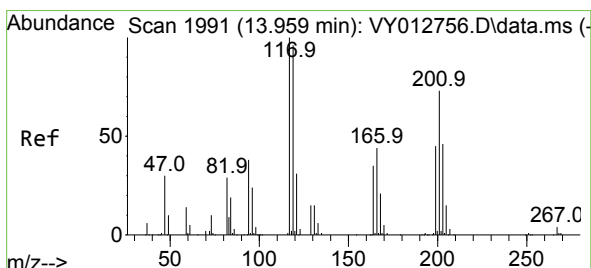
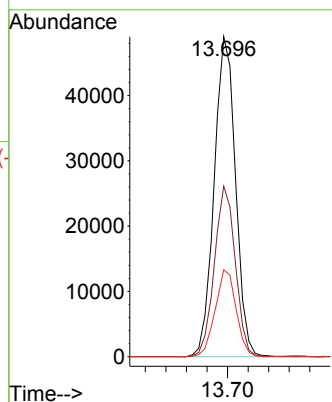
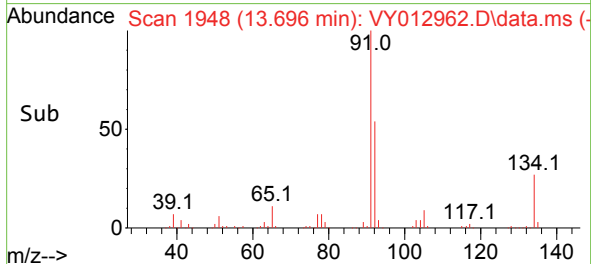
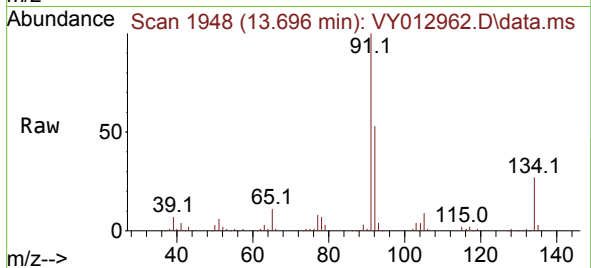
Tgt Ion: 91 Resp: 70706

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.6 13.0 38.9



#90

Hexachloroethane

Concen: 21.608 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012962.D

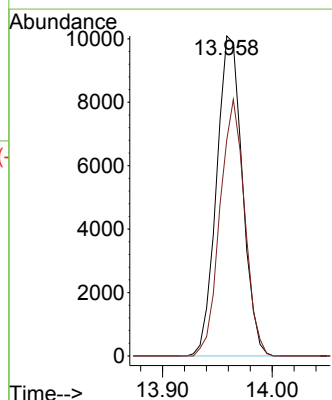
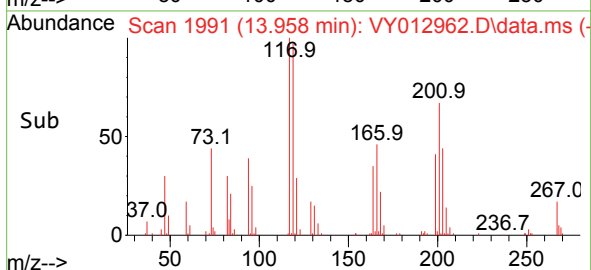
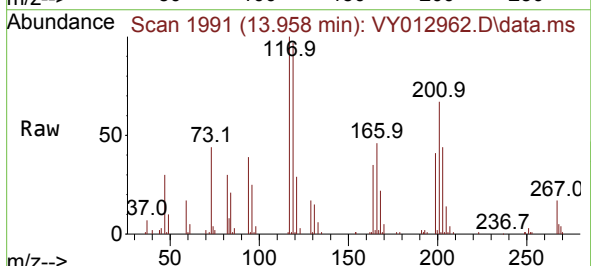
Acq: 16 Mar 2023 11:45

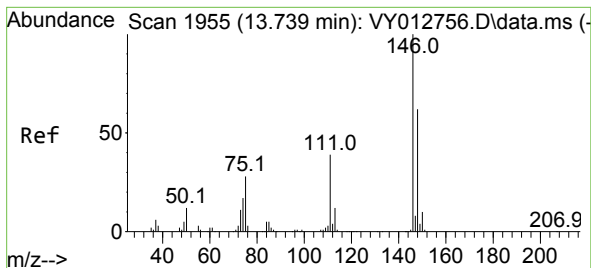
Tgt Ion: 117 Resp: 16539

Ion Ratio Lower Upper

117 100

201 76.7 39.4 118.1

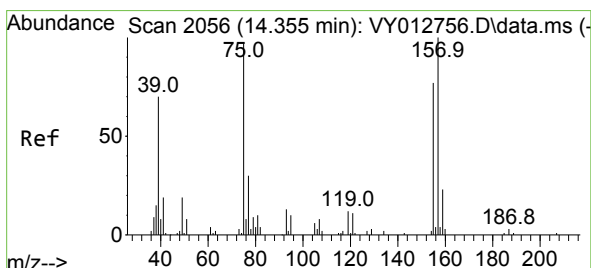
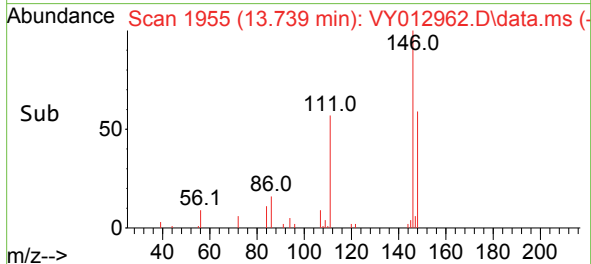
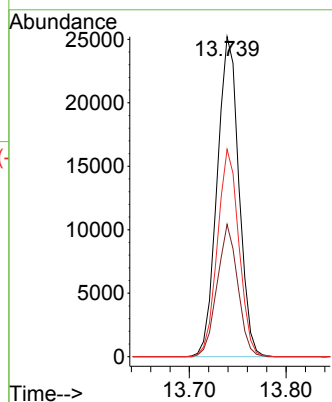
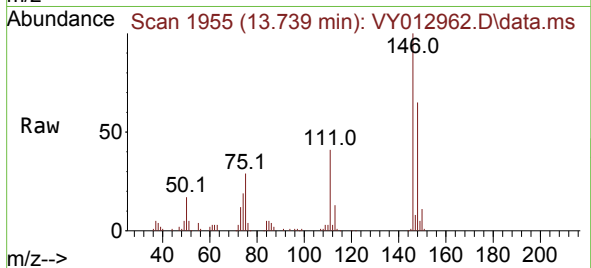




#91
1,2-Dichlorobenzene
Concen: 22.427 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

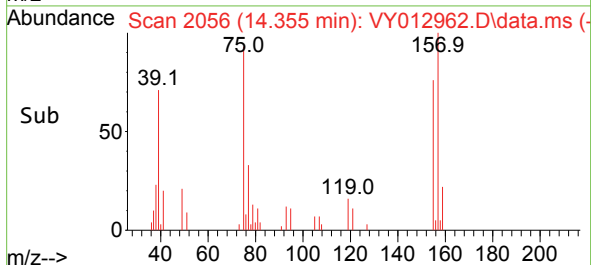
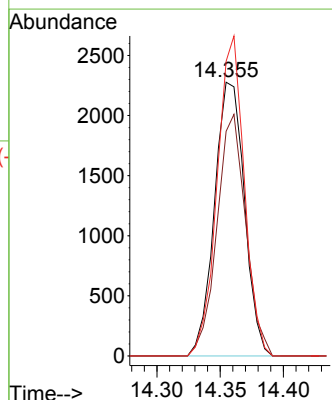
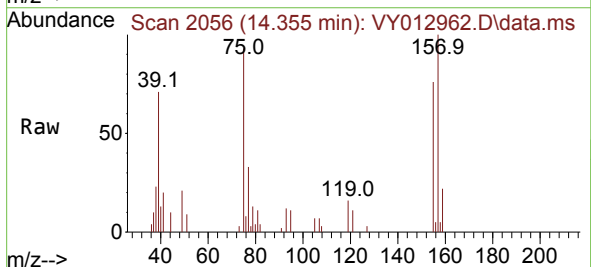
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

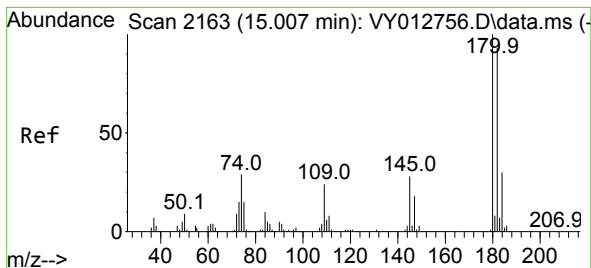
Tgt Ion:	146	Resp:	39305
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.7	59.1
148	64.0	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.899 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012962.D
Acq: 16 Mar 2023 11:45

Tgt Ion:	75	Resp:	3743
Ion Ratio	Lower	Upper	
75	100		
155	84.7	43.8	131.4
157	105.8	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.365 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

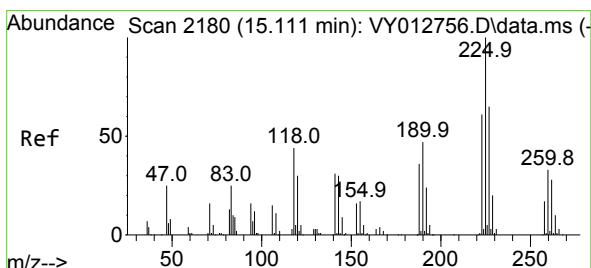
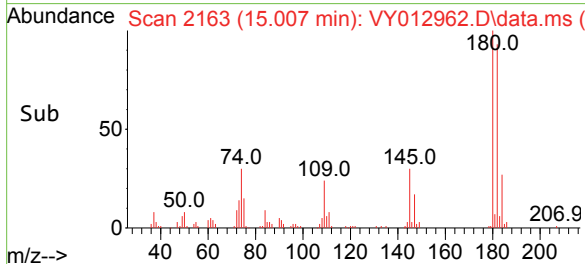
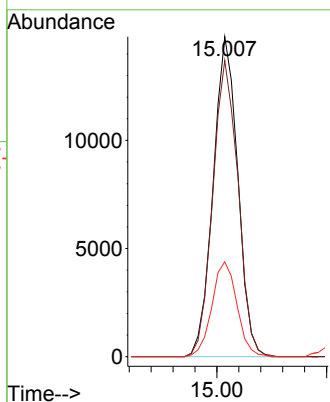
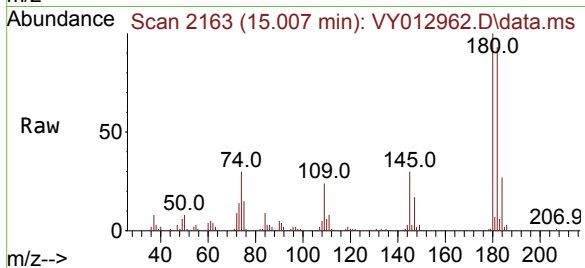
Tgt Ion:180 Resp: 23054

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 22.398 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

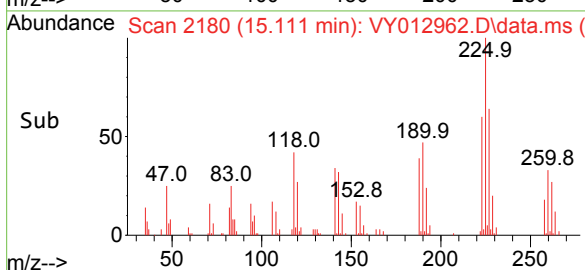
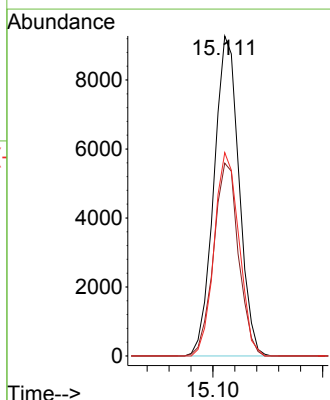
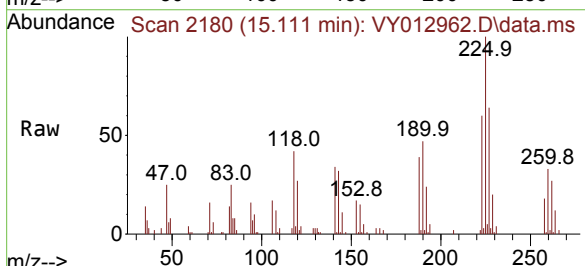
Tgt Ion:225 Resp: 14741

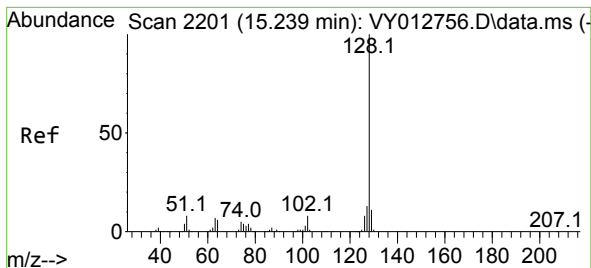
Ion Ratio Lower Upper

225 100

223 60.0 31.1 93.3

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 21.241 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

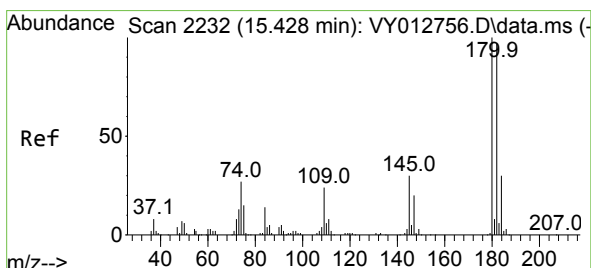
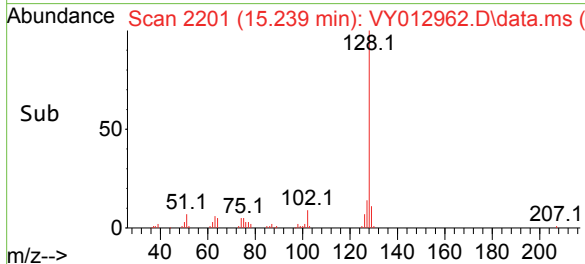
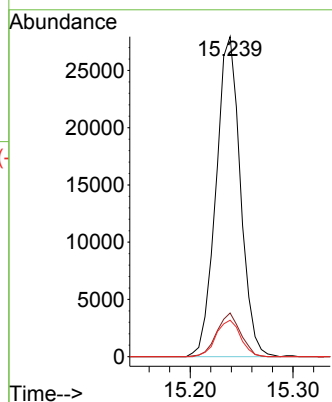
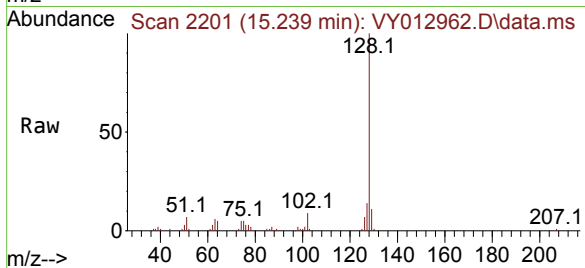
Tgt Ion:128 Resp: 45931

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.300 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012962.D

Acq: 16 Mar 2023 11:45

Tgt Ion:180 Resp: 20441

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.3

145 31.6 15.3 45.8

