

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013021.D
 Acq On : 21 Mar 2023 12:50
 Operator : KP/MD
 Sample : VY0321SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Quant Time: Mar 22 04:17:40 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	105653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48239	45.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.716	113	48705	49.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.179	98	156145	43.651	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.300%
62) 4-Bromofluorobenzene	12.483	95	59328	49.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20556	19.739	ug/l	98
3) Chloromethane	2.113	50	21165	17.001	ug/l	94
4) Vinyl Chloride	2.253	62	19862	17.398	ug/l	99
5) Bromomethane	2.638	94	14403	20.763	ug/l	93
6) Chloroethane	2.790	64	13378	19.567	ug/l	97
7) Trichlorofluoromethane	3.125	101	36818	19.418	ug/l	99
8) Diethyl Ether	3.528	74	14003	21.075	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	24244	21.253	ug/l	99
10) Methyl Iodide	4.088	142	28004	18.841	ug/l	100
11) Tert butyl alcohol	4.948	59	17884	139.322	ug/l	99
12) 1,1-Dichloroethene	3.869	96	23080	21.214	ug/l	97
13) Acrolein	3.723	56	15886	86.439	ug/l	99
14) Allyl chloride	4.479	41	42303	21.049	ug/l	98
15) Acrylonitrile	5.155	53	40839	116.649	ug/l	98
16) Acetone	3.948	43	49134	119.333	ug/l	99
17) Carbon Disulfide	4.192	76	67536	18.237	ug/l	99
18) Methyl Acetate	4.479	43	28399	23.161	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	62307	22.172	ug/l	100
20) Methylene Chloride	4.710	84	30781	21.428	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	24633	20.834	ug/l	96
22) Diisopropyl ether	6.119	45	82594	22.627	ug/l	96
23) Vinyl Acetate	6.058	43	254930	112.400	ug/l	100
24) 1,1-Dichloroethane	6.015	63	44619	21.451	ug/l	99
25) 2-Butanone	6.990	43	63760	125.026	ug/l	98
26) 2,2-Dichloropropane	6.978	77	40109	21.711	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	27710	21.860	ug/l	98
28) Bromochloromethane	7.332	49	16799	22.100	ug/l	99
29) Tetrahydrofuran	7.344	42	37302	121.277	ug/l	99
30) Chloroform	7.509	83	45771	22.278	ug/l	99
31) Cyclohexane	7.789	56	39427	19.625	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	40021	21.540	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34004	20.738	ug/l	99
37) Ethyl Acetate	7.070	43	24032	23.253	ug/l	99
38) Carbon Tetrachloride	7.899	117	36956	21.825	ug/l	99
39) Methylcyclohexane	9.185	83	38213	19.602	ug/l	98
40) Benzene	8.155	78	99823	21.521	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34174	61.373	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	31123	22.318	ug/l	99
43) Isopropyl Acetate	8.271	43	44363	24.059	ug/l	99
44) Trichloroethene	8.941	130	26352	21.548	ug/l	93
45) 1,2-Dichloropropane	9.216	63	25994	22.175	ug/l	98
46) Dibromomethane	9.307	93	15334	22.961	ug/l	99
47) Bromodichloromethane	9.496	83	35095	22.300	ug/l	99
48) Methyl methacrylate	9.295	41	19249	22.656	ug/l	99
49) 1,4-Dioxane	9.295	88	4591	531.778	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	126317	126.293	ug/l	99
52) Toluene	10.240	92	60475	21.619	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	36967	22.395	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	41311	22.111	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	21774	23.412	ug/l	97
56) Ethyl methacrylate	10.508	69	28577	23.044	ug/l	99
57) 1,3-Dichloropropane	10.788	76	36768	23.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	74741	114.808	ug/l	99
59) 2-Hexanone	10.831	43	95100	130.826	ug/l	99
60) Dibromochloromethane	10.984	129	25868	22.849	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20299	22.658	ug/l	99
64) Tetrachloroethene	10.721	164	23121	21.520	ug/l	98
65) Chlorobenzene	11.514	112	66138	21.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25360	22.129	ug/l	100
67) Ethyl Benzene	11.593	91	115019	21.123	ug/l	98
68) m/p-Xylenes	11.703	106	89482	42.718	ug/l	99
69) o-Xylene	12.026	106	42104	21.537	ug/l	97
70) Styrene	12.044	104	71412	21.889	ug/l	99
71) Bromoform	12.209	173	17199	23.018	ug/l #	100
73) Isopropylbenzene	12.331	105	110902	20.113	ug/l	99
74) N-amyl acetate	12.142	43	38309	22.082	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	27518	22.201	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	35728	38.456	ug/l #	100
77) Bromobenzene	12.611	156	28259	21.097	ug/l	98
78) n-propylbenzene	12.672	91	139688	20.549	ug/l	99
79) 2-Chlorotoluene	12.752	91	77719	20.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	93584	20.566	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	9809	21.876	ug/l	97
82) 4-Chlorotoluene	12.855	91	82534	21.103	ug/l	98
83) tert-Butylbenzene	13.075	119	80972	20.617	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	93369	20.984	ug/l	99
85) sec-Butylbenzene	13.251	105	124819	20.832	ug/l	99
86) p-Isopropyltoluene	13.367	119	101798	20.788	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	55456	21.466	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	55459	21.034	ug/l	98
89) n-Butylbenzene	13.697	91	96970	20.685	ug/l	99
90) Hexachloroethane	13.959	117	20942	20.533	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	50837	21.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4586	22.894	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	30364	21.117	ug/l	99
94) Hexachlorobutadiene	15.111	225	18286	20.851	ug/l	100
95) Naphthalene	15.233	128	62834	21.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	27620	21.598	ug/l	99

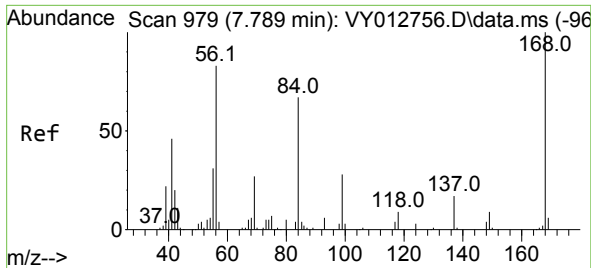
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
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Response via : Initial Calibration

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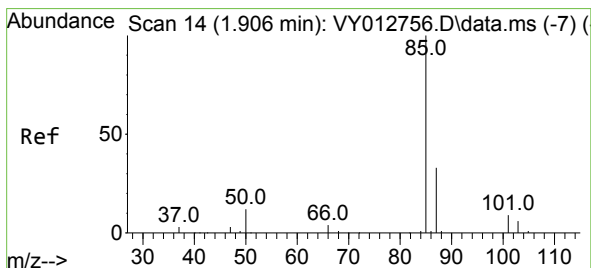
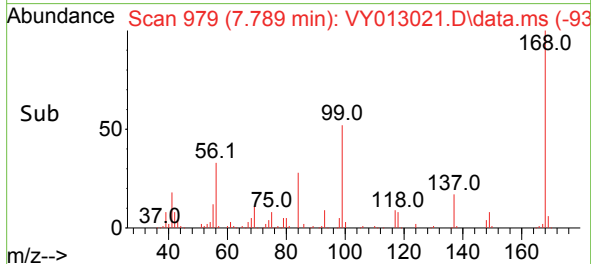
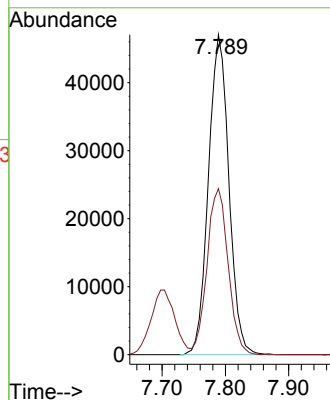
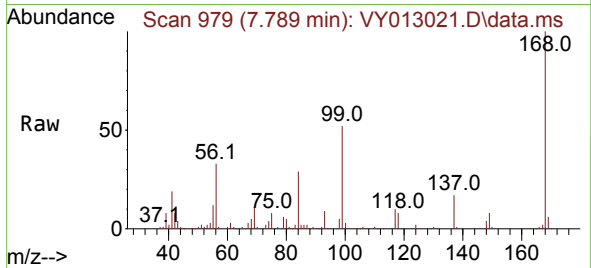
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

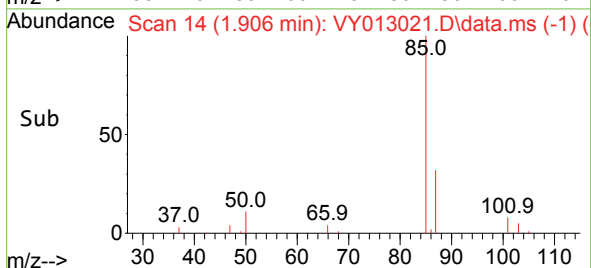
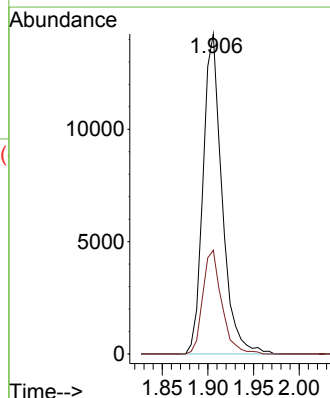
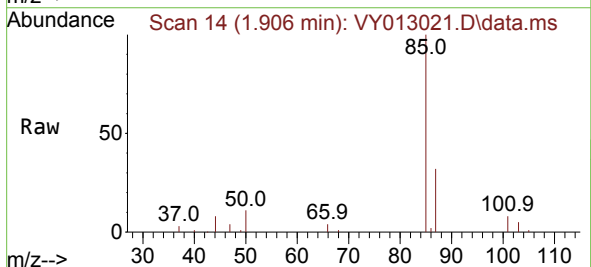
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VY0321SBS01

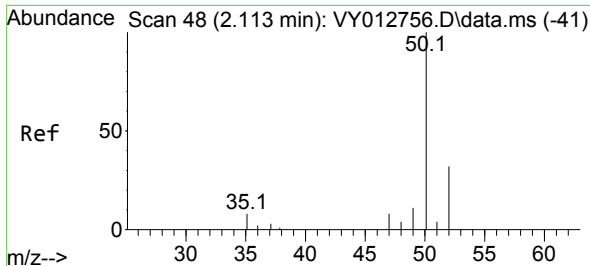
Tgt Ion:168 Resp: 105653
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.739 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 85 Resp: 20556
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

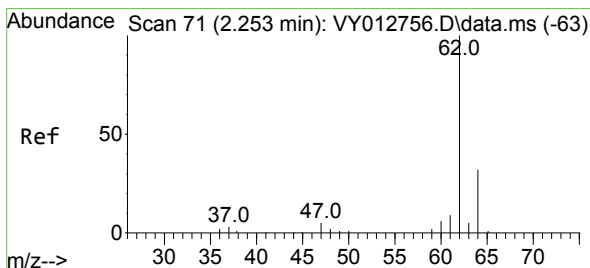
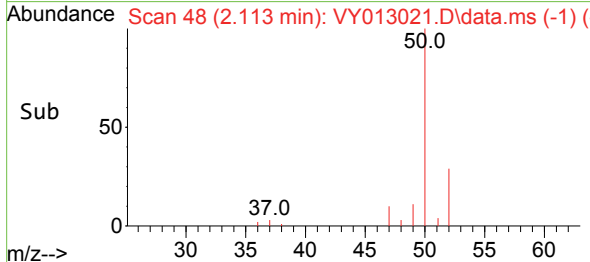
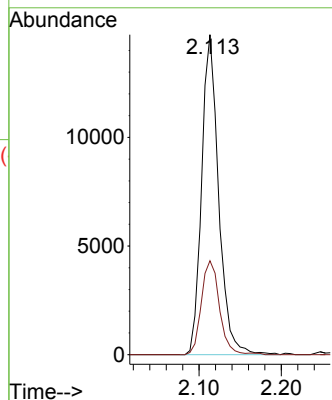
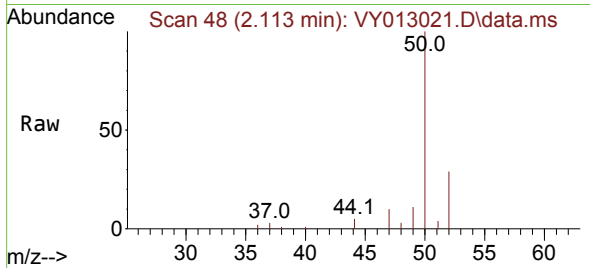




#3
Chloromethane
Concen: 17.001 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

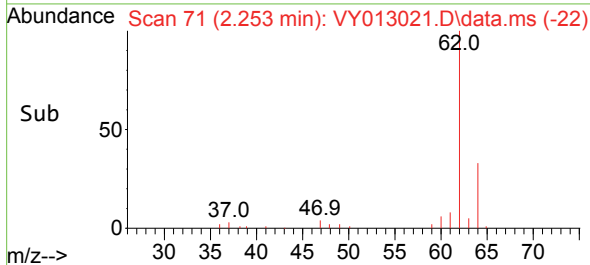
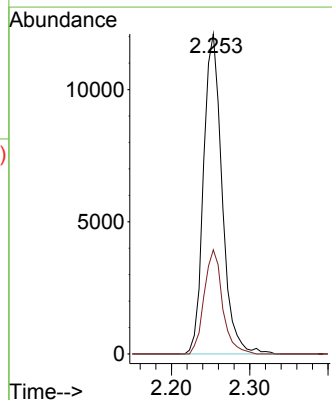
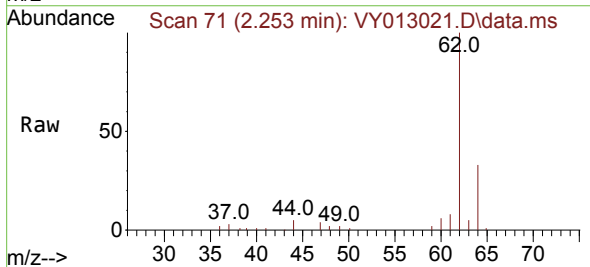
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

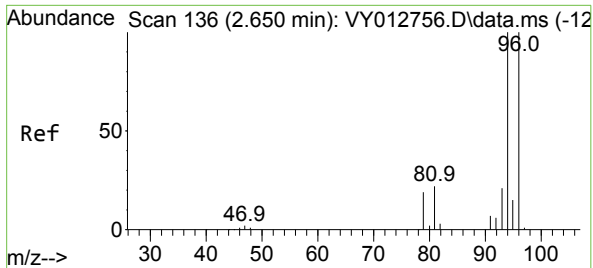
Tgt Ion: 50 Resp: 21165
Ion Ratio Lower Upper
50 100
52 29.3 26.0 39.0



#4
Vinyl Chloride
Concen: 17.398 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 62 Resp: 19862
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4





#5

Bromomethane

Concen: 20.763 ug/l

RT: 2.638 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

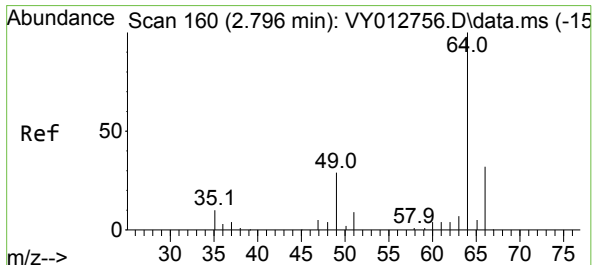
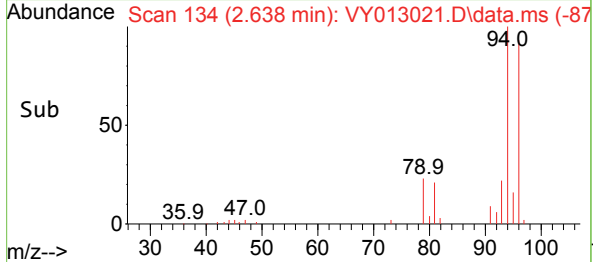
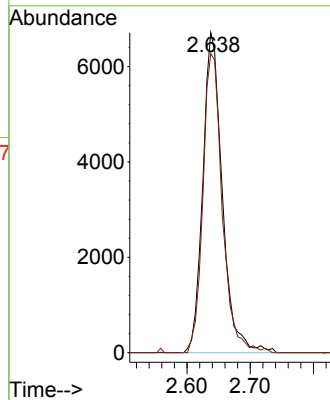
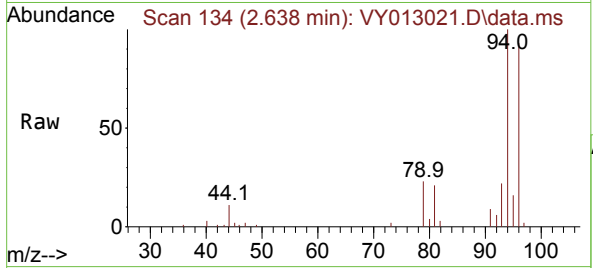
VY0321SBS01

Tgt Ion: 94 Resp: 14403

Ion Ratio Lower Upper

94 100

96 93.5 80.3 120.5



#6

Chloroethane

Concen: 19.567 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013021.D

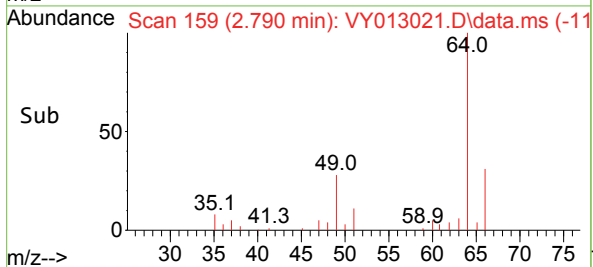
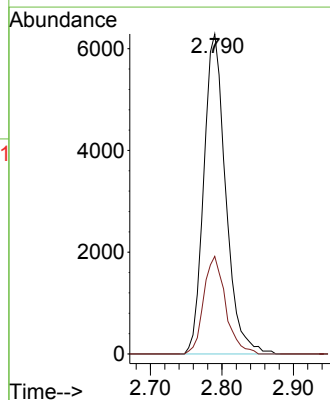
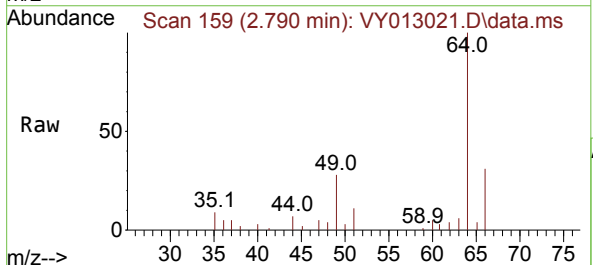
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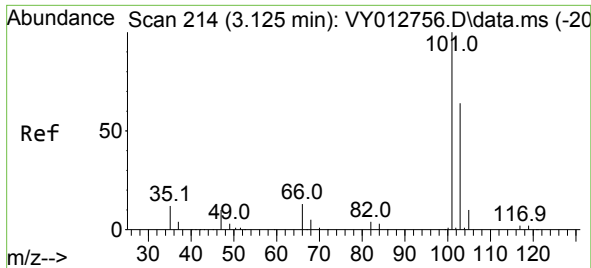
Tgt Ion: 64 Resp: 13378

Ion Ratio Lower Upper

64 100

66 30.5 25.7 38.5

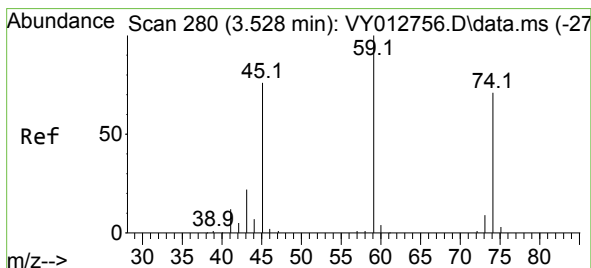
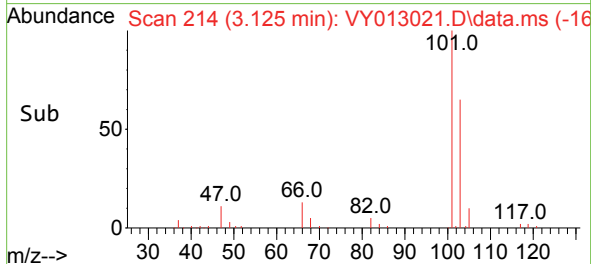
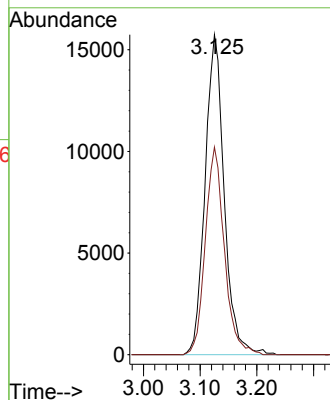
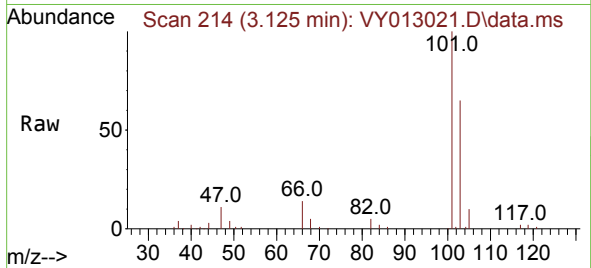




#7
 Trichlorofluoromethane
 Concen: 19.418 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

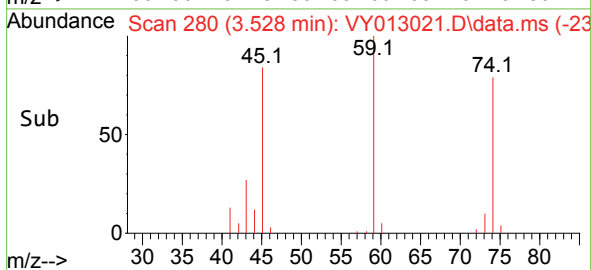
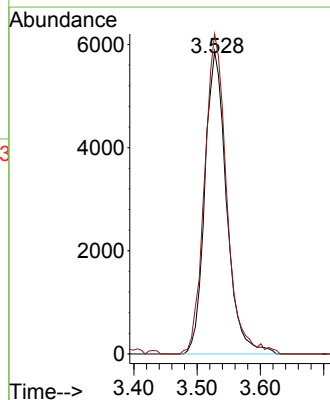
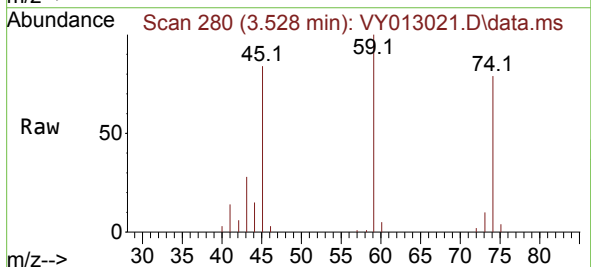
Instrument :
 MSVOA_Y
 ClientSampleId :
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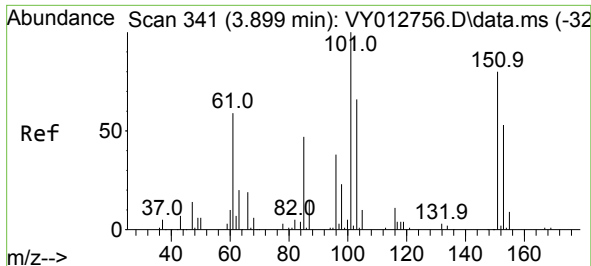
Tgt Ion:101 Resp: 36818
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.075 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion: 74 Resp: 14003
 Ion Ratio Lower Upper
 74 100
 45 108.4 52.1 156.4

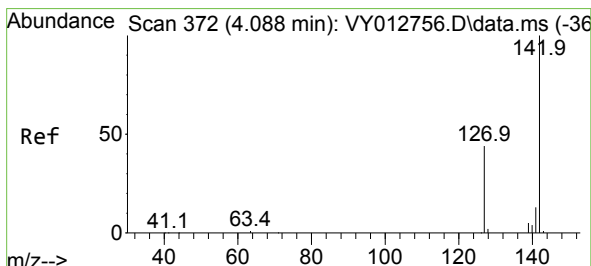
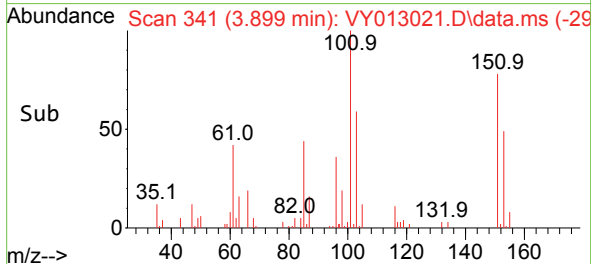
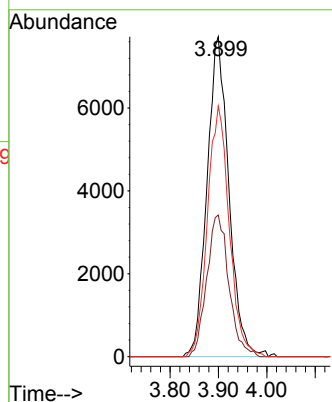
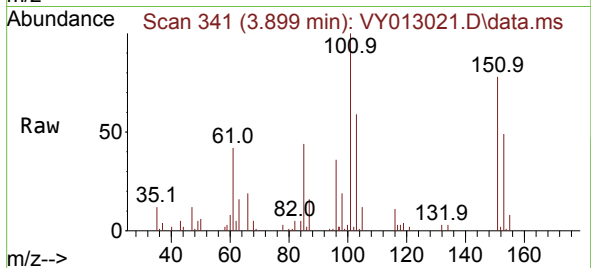




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.253 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

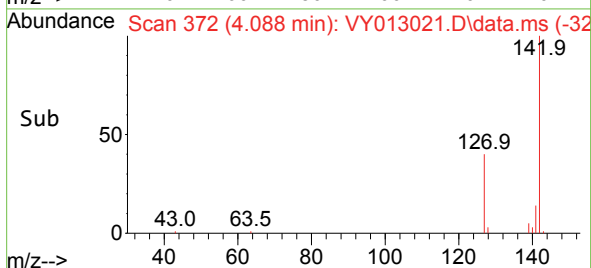
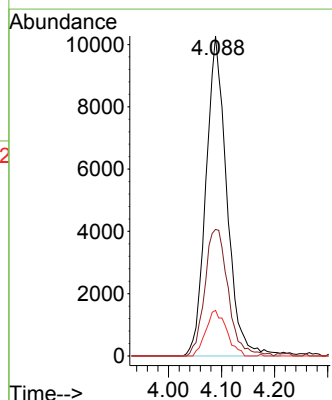
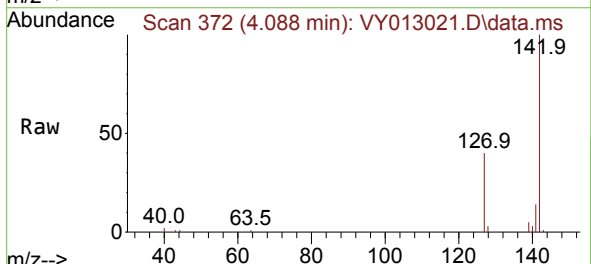
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

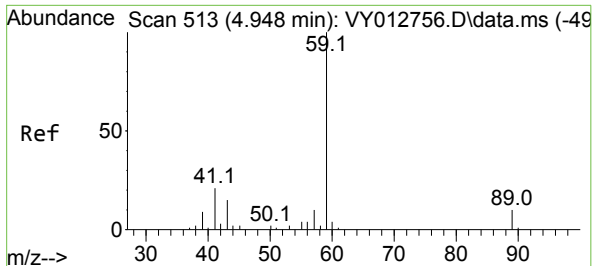
Tgt Ion:	101	Resp:	24244
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.3	52.9
151	78.2	63.1	94.7



#10
 Methyl Iodide
 Concen: 18.841 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion:	142	Resp:	28004
Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.4	53.2
141	14.2	11.3	16.9

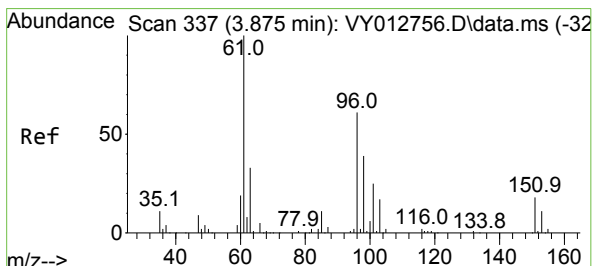
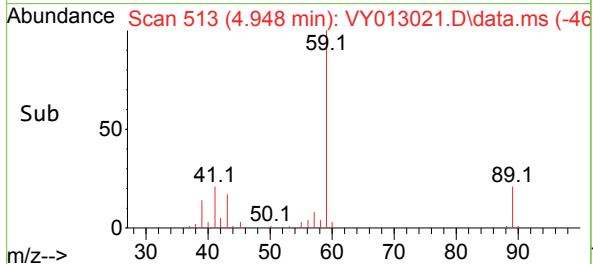
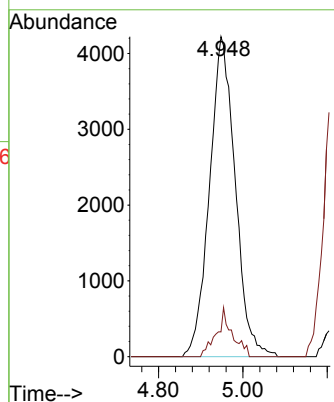
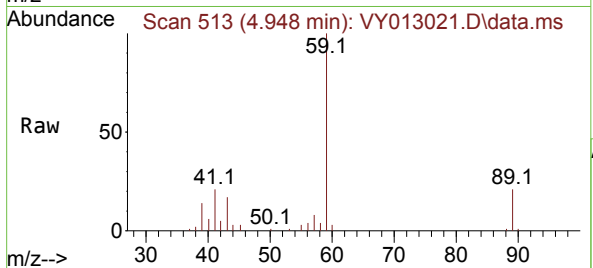




#11
Tert butyl alcohol
Concen: 139.322 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

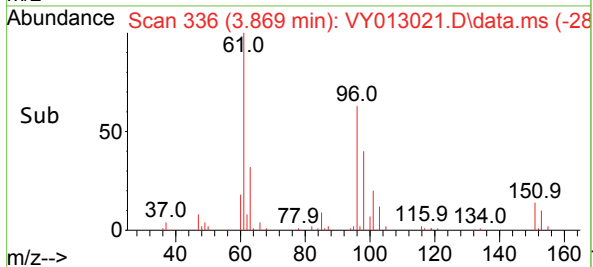
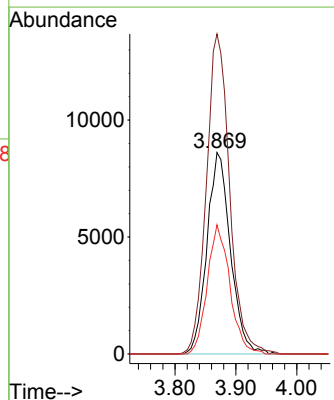
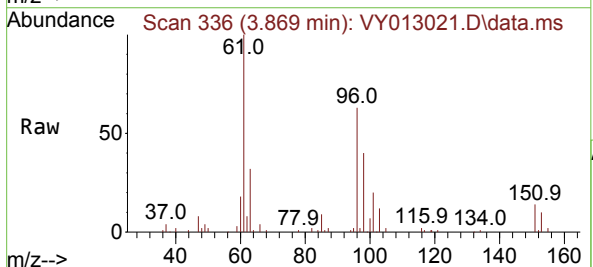
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

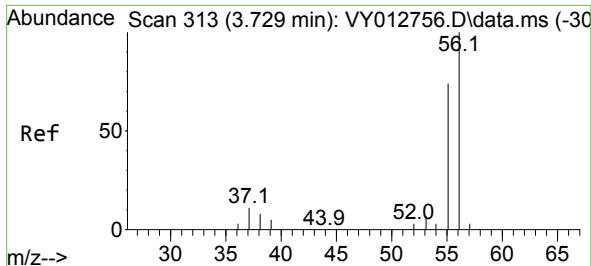
Tgt Ion: 59 Resp: 17884
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.214 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 96 Resp: 23080
Ion Ratio Lower Upper
96 100
61 158.8 131.7 197.5
98 64.1 52.0 78.0





#13

Acrolein

Concen: 86.439 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

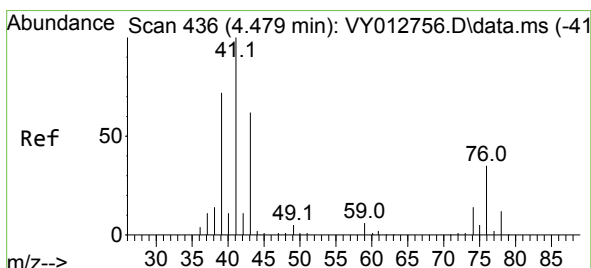
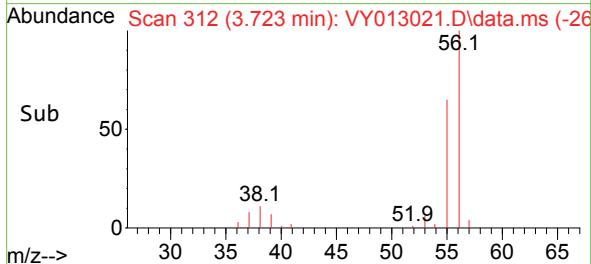
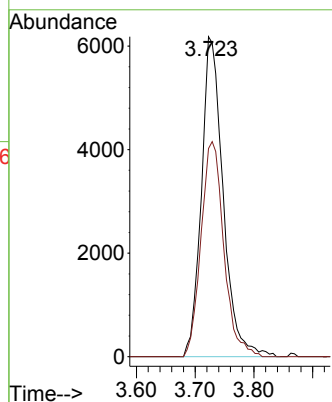
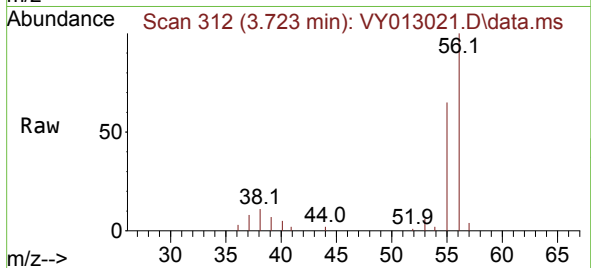
VY0321SBS01

Tgt Ion: 56 Resp: 15886

Ion Ratio Lower Upper

56 100

55 70.5 56.8 85.2



#14

Allyl chloride

Concen: 21.049 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

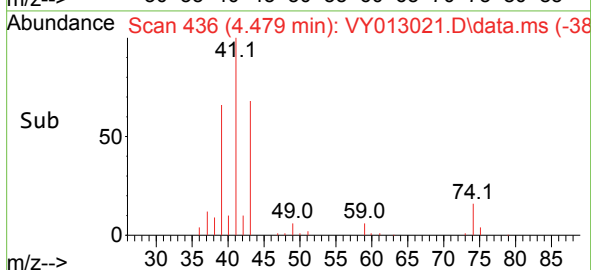
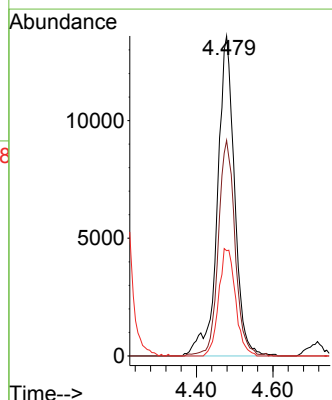
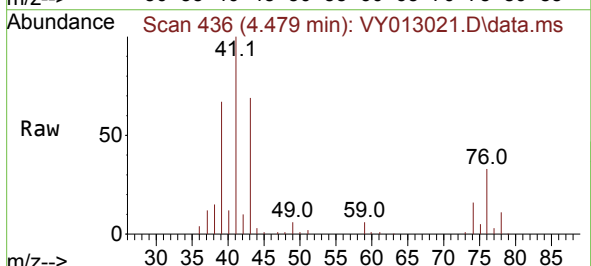
Tgt Ion: 41 Resp: 42303

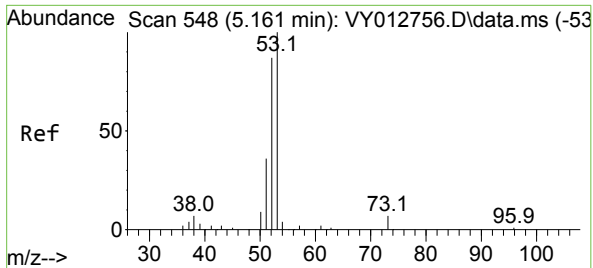
Ion Ratio Lower Upper

41 100

39 65.6 53.6 80.4

76 32.9 27.2 40.8

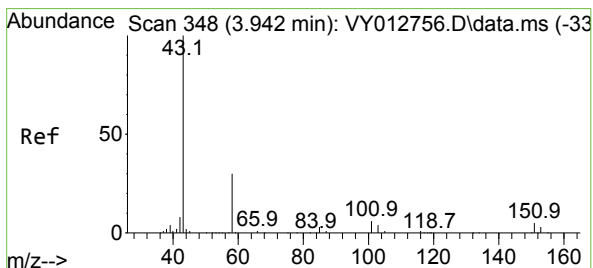
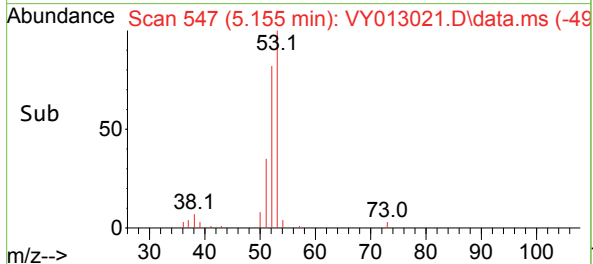
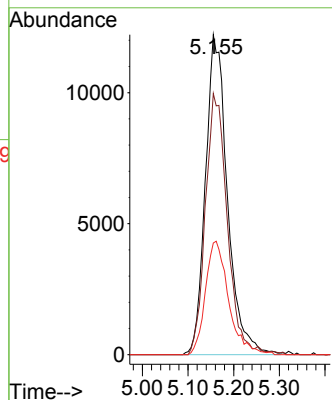
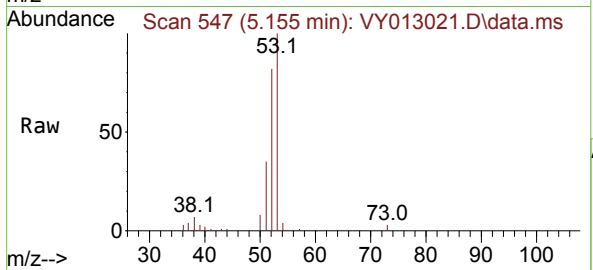




#15
Acrylonitrile
Concen: 116.649 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

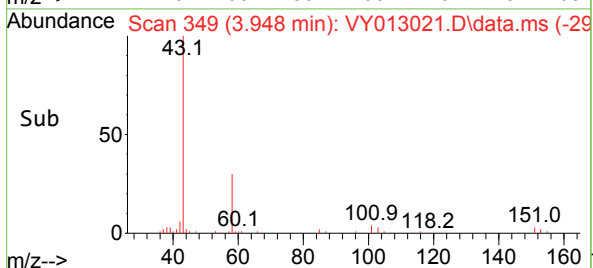
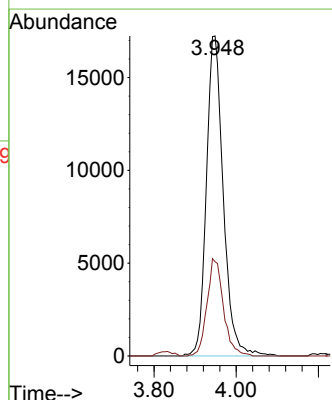
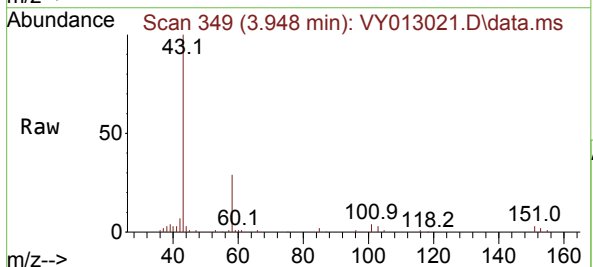
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

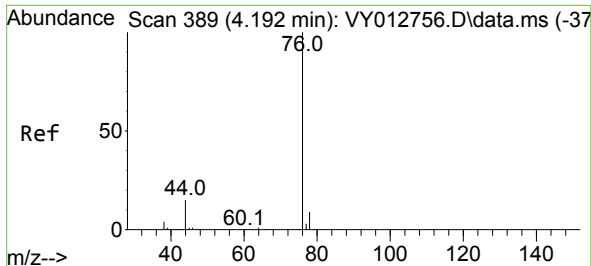
Tgt Ion:	53	Resp:	40839
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	37.5	28.8	43.2



#16
Acetone
Concen: 119.333 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:	43	Resp:	49134
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.2

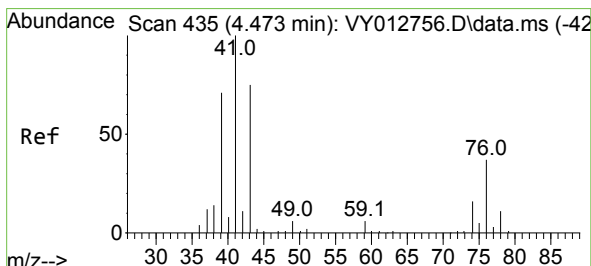
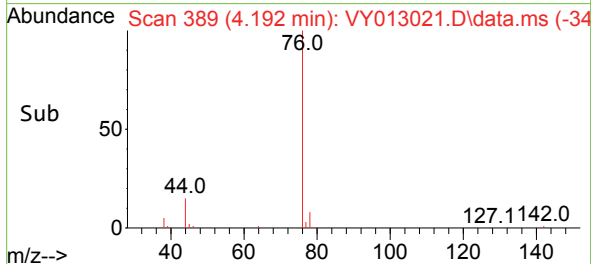
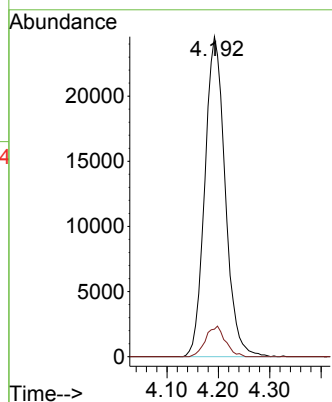
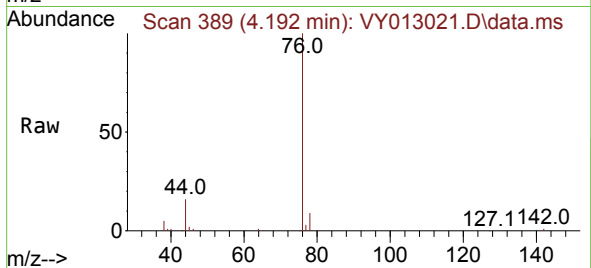




#17
Carbon Disulfide
Concen: 18.237 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

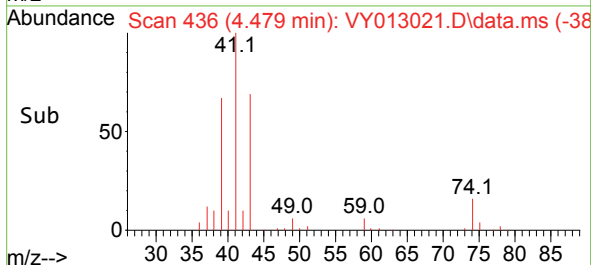
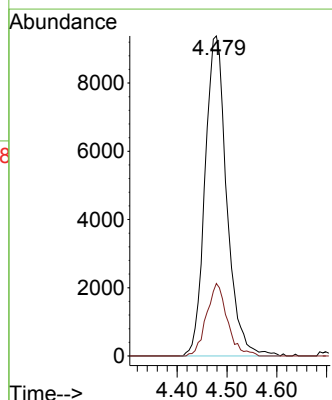
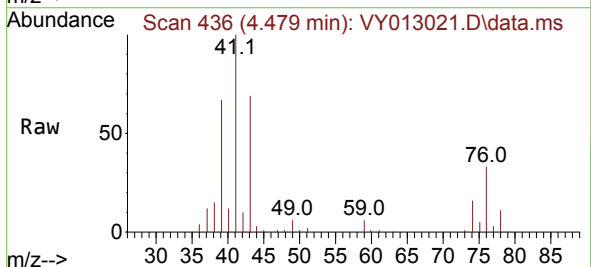
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

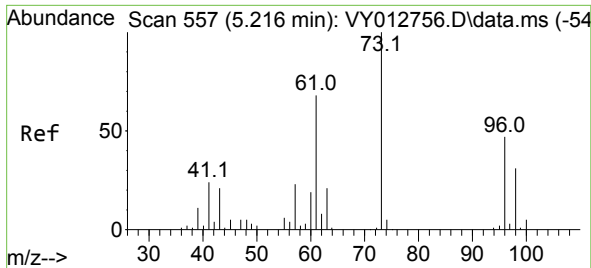
Tgt Ion: 76 Resp: 67536
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 23.161 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 43 Resp: 28399
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0

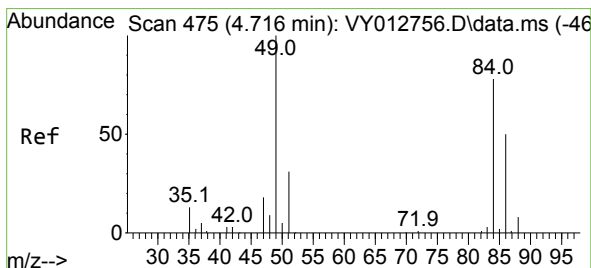
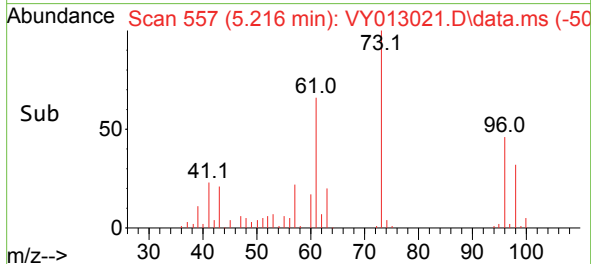
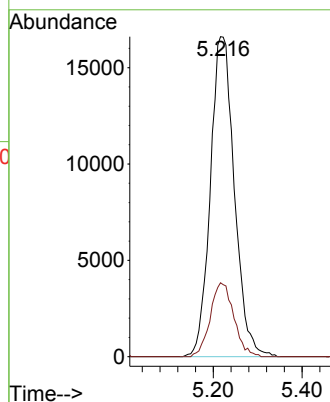
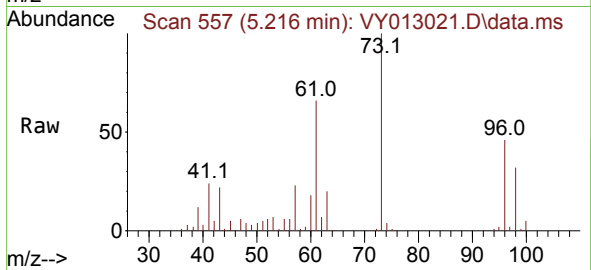




#19
Methyl tert-butyl Ether
Concen: 22.172 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

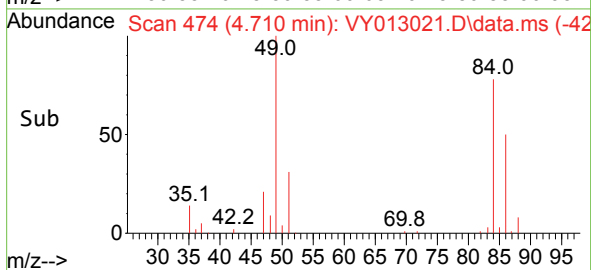
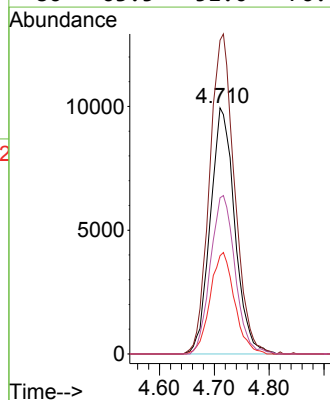
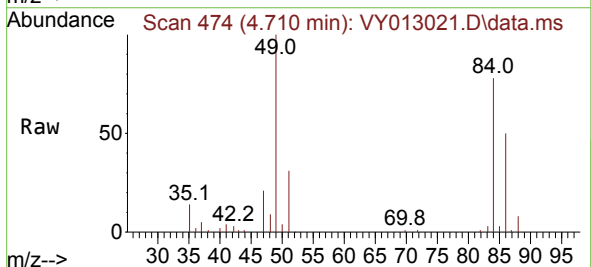
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

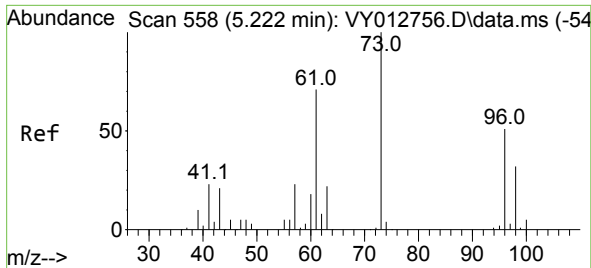
Tgt Ion: 73 Resp: 62307
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 21.428 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 84 Resp: 30781
Ion Ratio Lower Upper
84 100
49 127.5 102.6 154.0
51 39.9 31.9 47.9
86 63.5 51.0 76.6

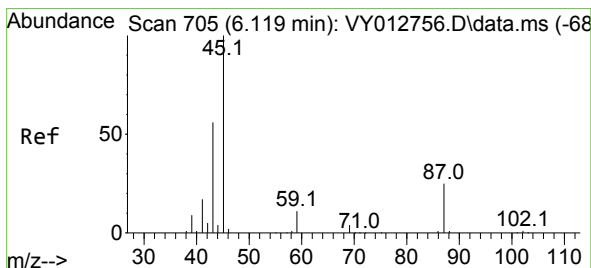
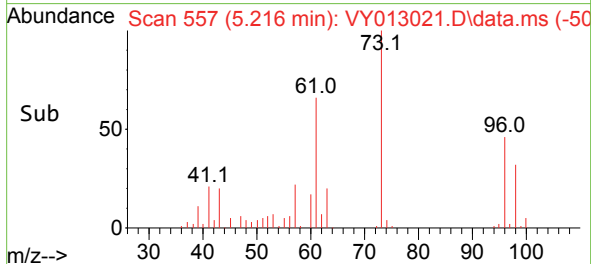
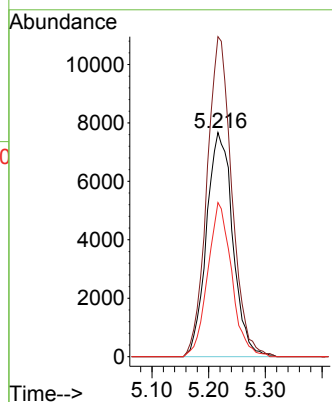
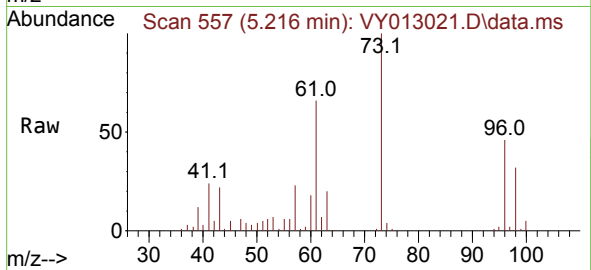




#21
trans-1,2-Dichloroethene
Concen: 20.834 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

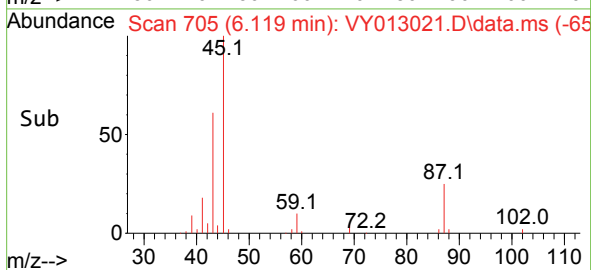
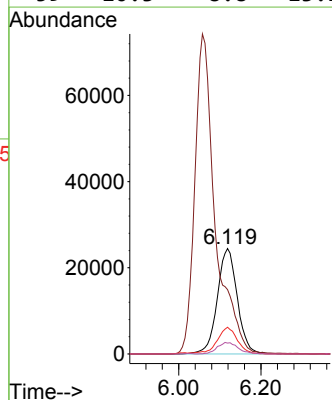
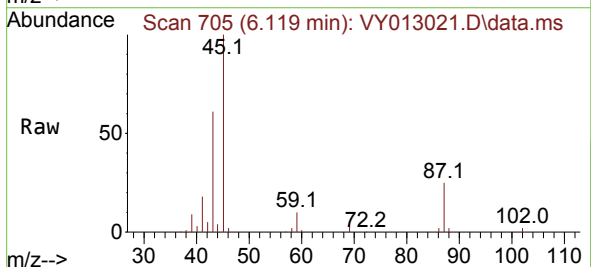
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

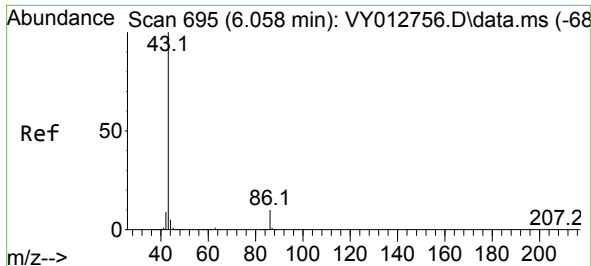
Tgt Ion: 96 Resp: 24633
Ion Ratio Lower Upper
96 100
61 142.8 111.4 167.0
98 68.7 50.8 76.2



#22
Diisopropyl ether
Concen: 22.627 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 45 Resp: 82594
Ion Ratio Lower Upper
45 100
43 60.3 45.0 67.6
87 25.3 20.3 30.5
59 10.3 8.8 13.2

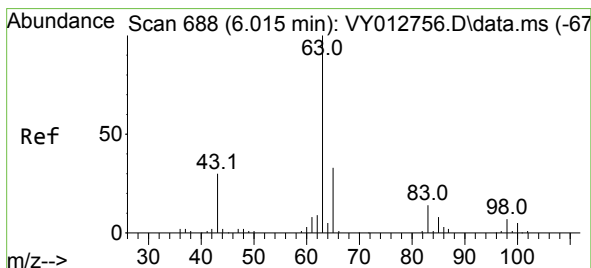
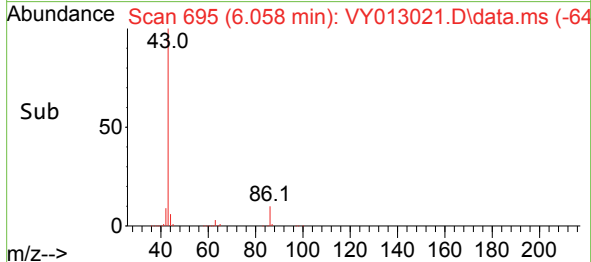
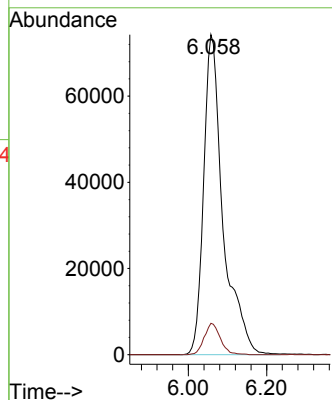
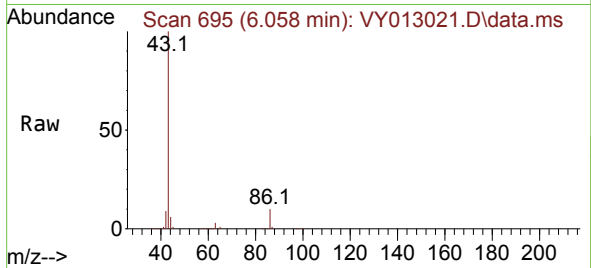




#23
 Vinyl Acetate
 Concen: 112.400 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

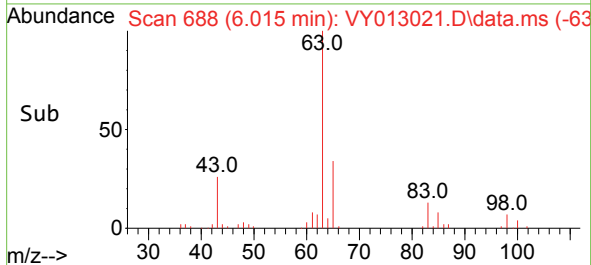
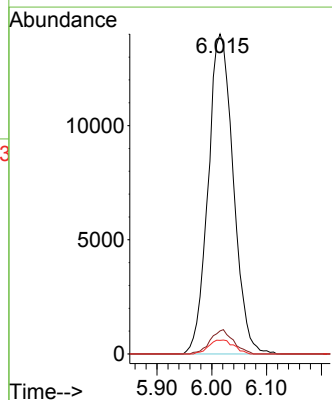
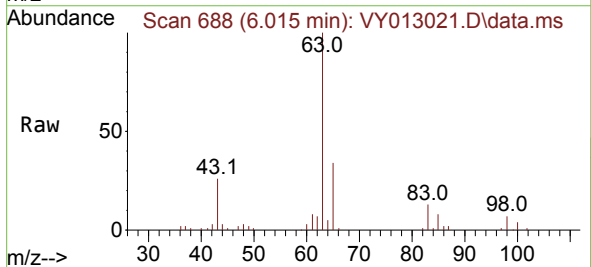
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

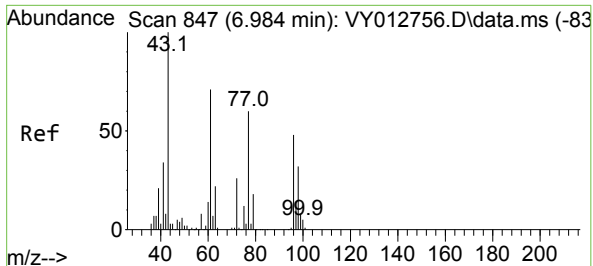
Tgt Ion: 43 Resp: 254930
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.451 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion: 63 Resp: 44619
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 125.026 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

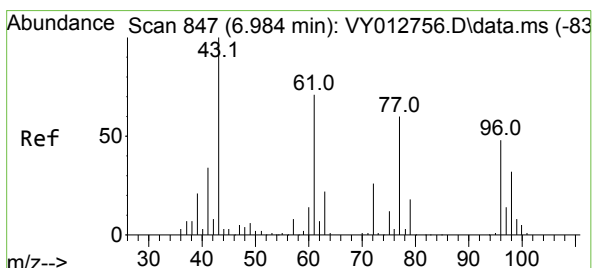
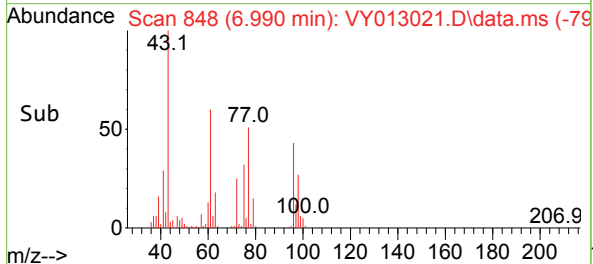
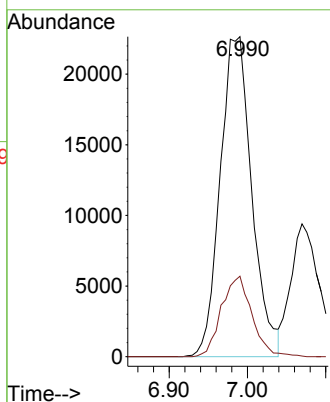
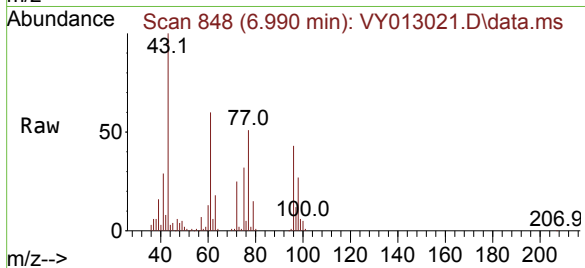
VY0321SBS01

Tgt Ion: 43 Resp: 63760

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.711 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013021.D

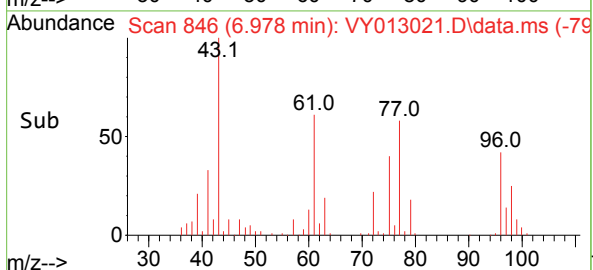
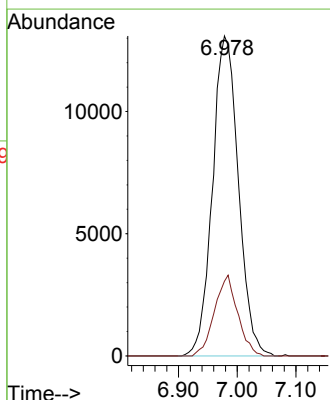
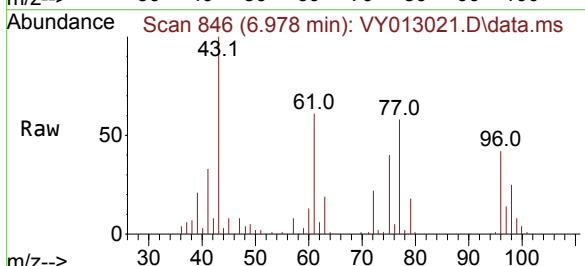
Acq: 21 Mar 2023 12:50

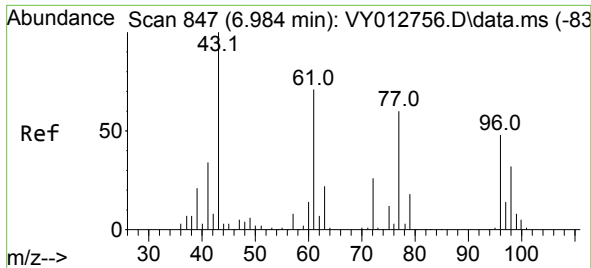
Tgt Ion: 77 Resp: 40109

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0



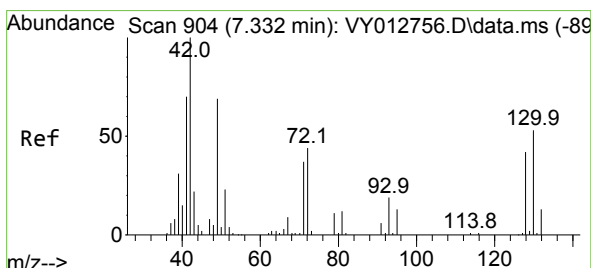
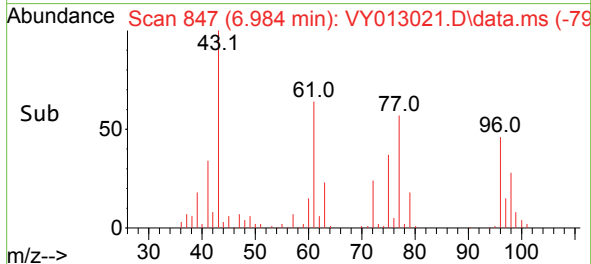
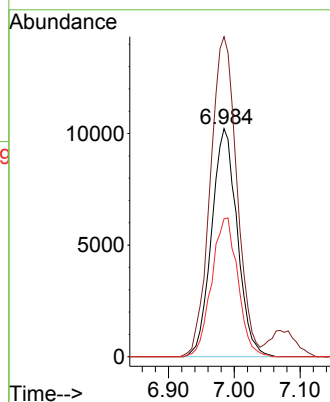
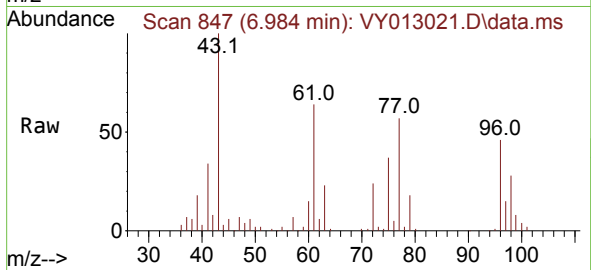


#27
 cis-1,2-Dichloroethene
 Concen: 21.860 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Tgt Ion: 96 Resp: 27710

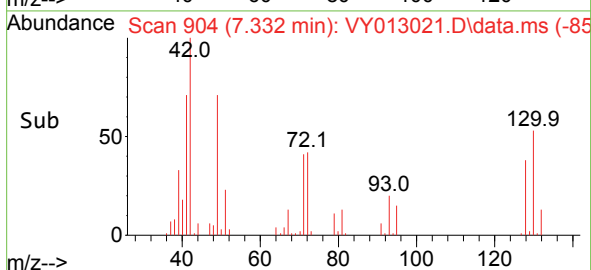
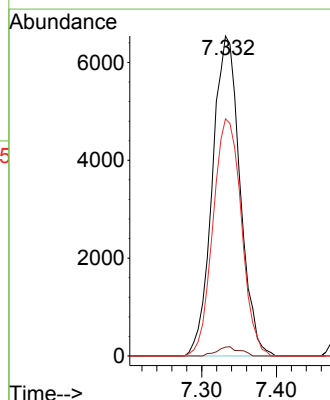
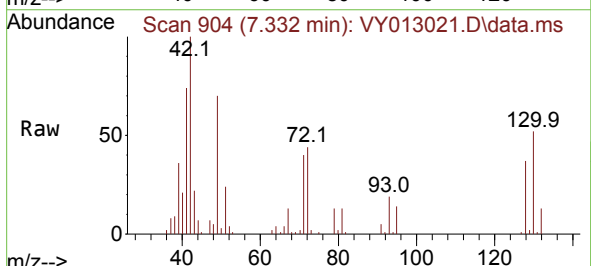
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	295.8
98	62.3	0.0	130.2



#28
 Bromochloromethane
 Concen: 22.100 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion: 49 Resp: 16799

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	76.3	60.5	90.7





#29

Tetrahydrofuran

Concen: 121.277 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

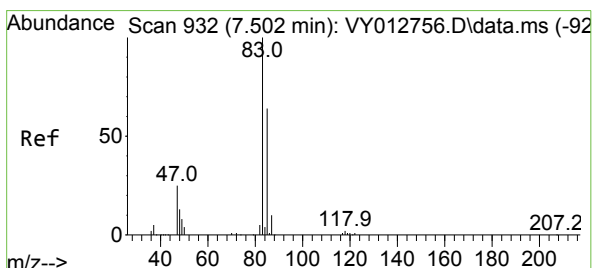
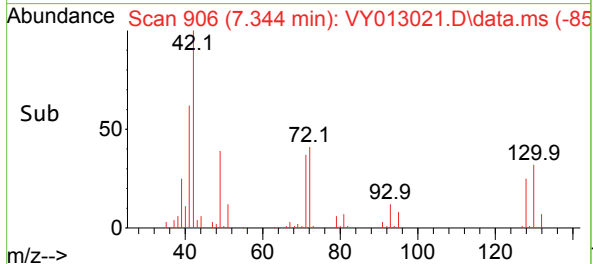
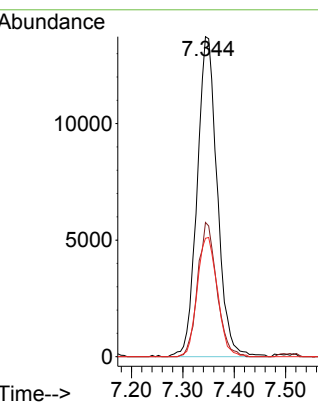
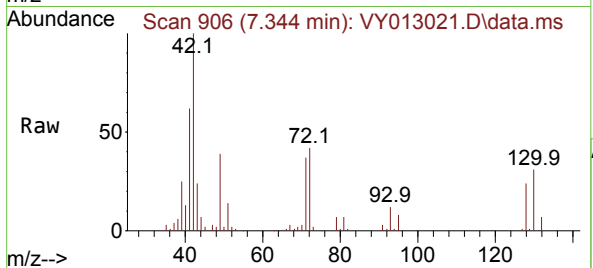
Tgt Ion: 42 Resp: 37302

Ion Ratio Lower Upper

42 100

72 39.8 32.3 48.5

71 37.5 30.3 45.5



#30

Chloroform

Concen: 22.278 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013021.D

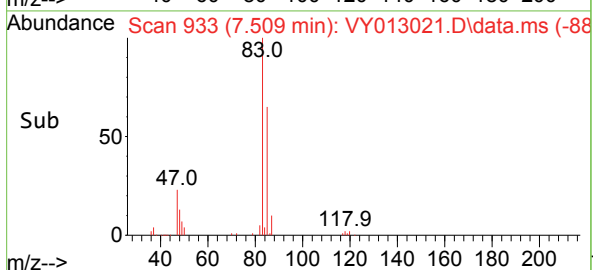
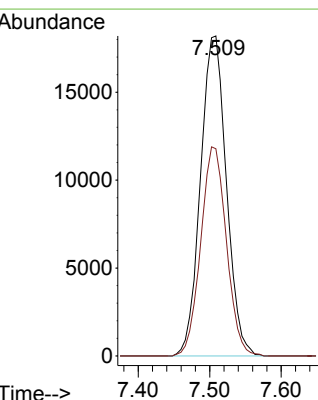
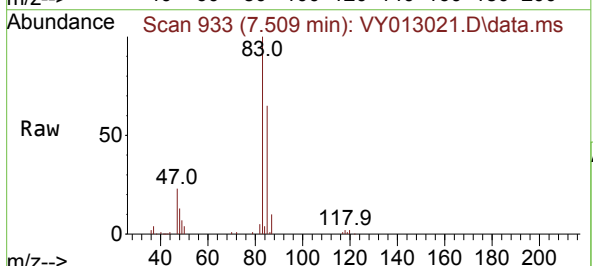
Acq: 21 Mar 2023 12:50

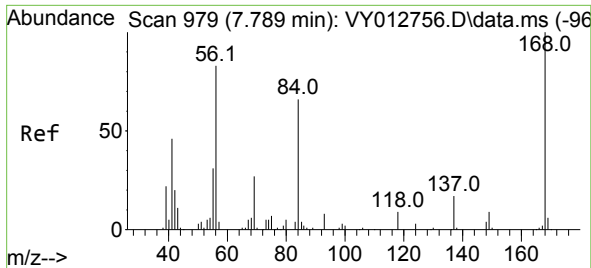
Tgt Ion: 83 Resp: 45771

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

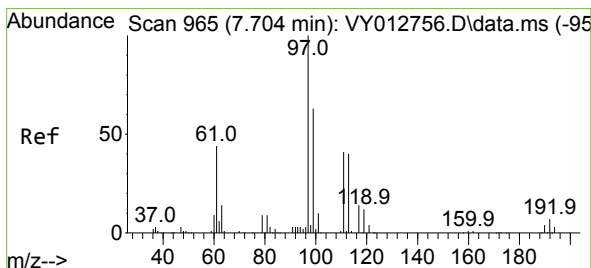
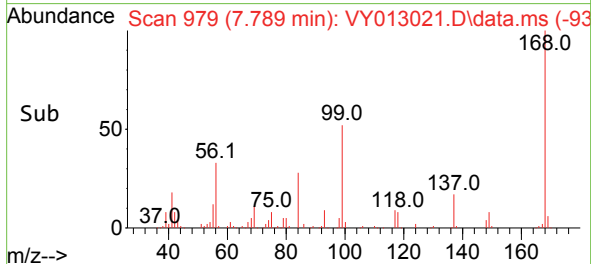
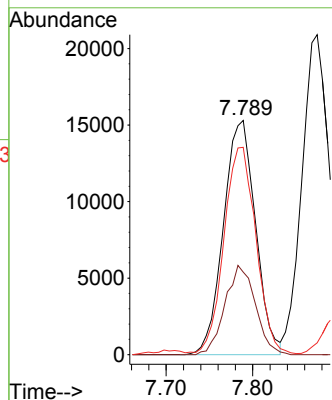
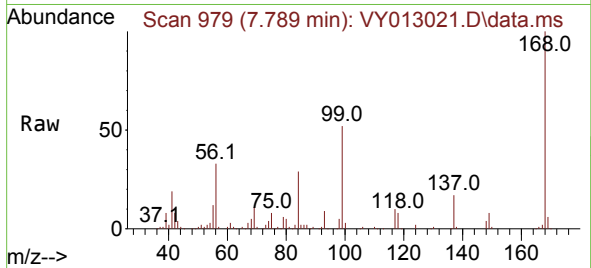




#31
Cyclohexane
Concen: 19.625 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

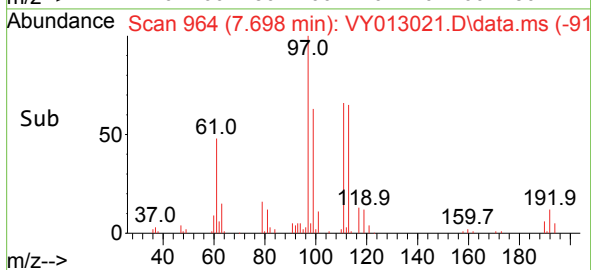
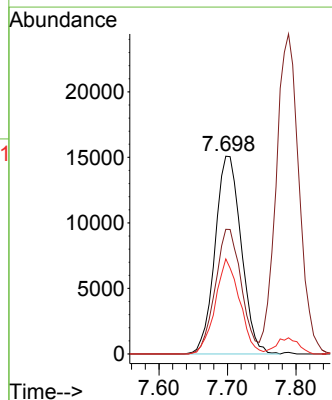
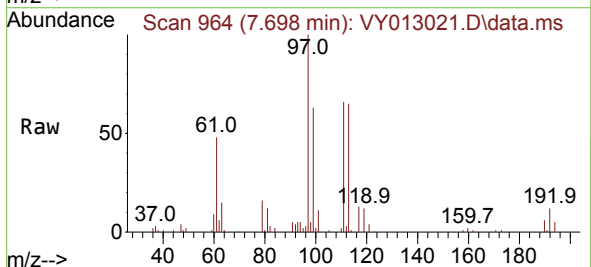
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

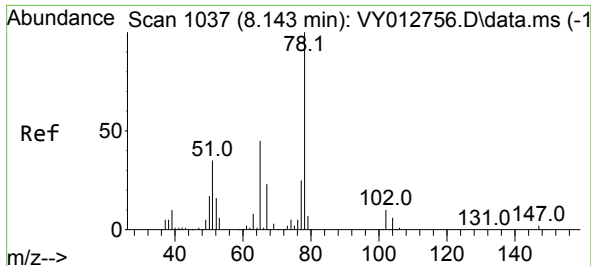
Tgt Ion: 56 Resp: 39427
Ion Ratio Lower Upper
56 100
69 35.3 25.7 38.5
84 87.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.540 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 97 Resp: 40021
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 44.8 34.5 51.7

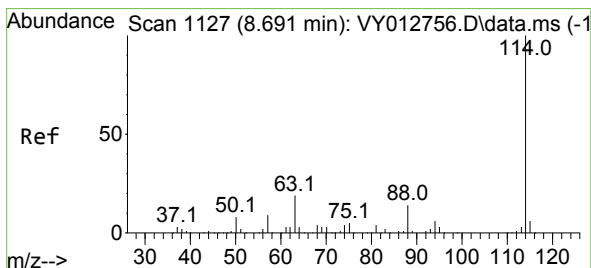
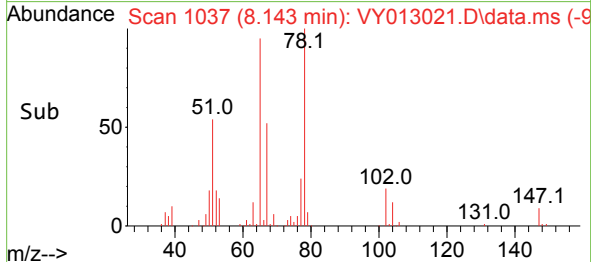
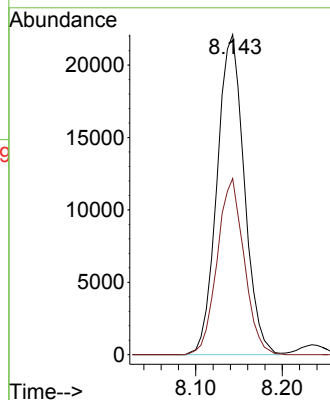
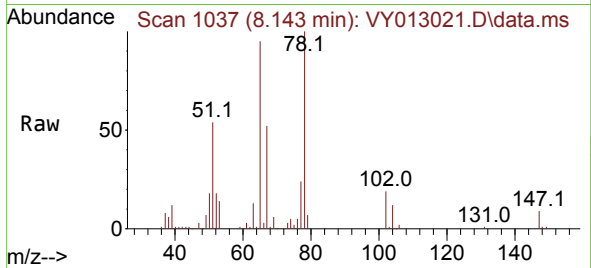




#33
 1,2-Dichloroethane-d4
 Concen: 45.986 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

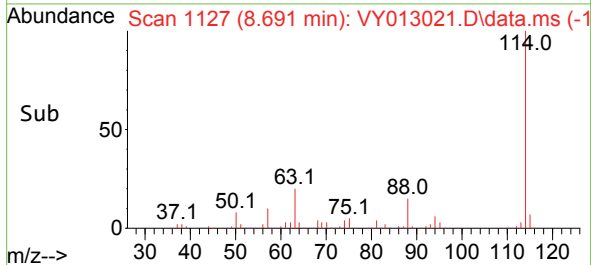
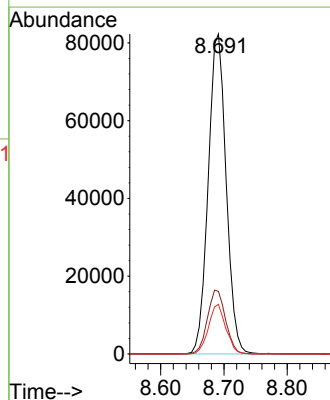
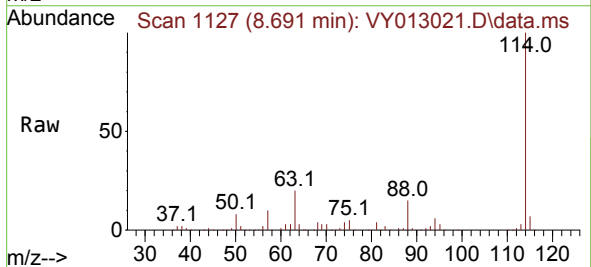
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Tgt Ion: 65 Resp: 48239
 Ion Ratio Lower Upper
 65 100
 67 54.5 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: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion: 114 Resp: 162136
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 15.5 0.0 28.6

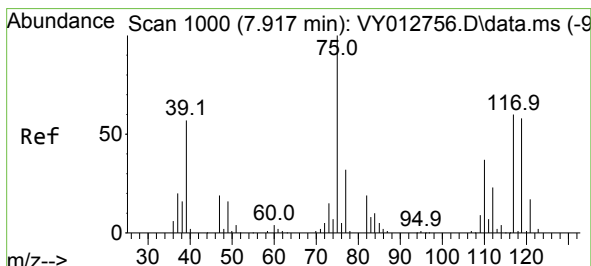
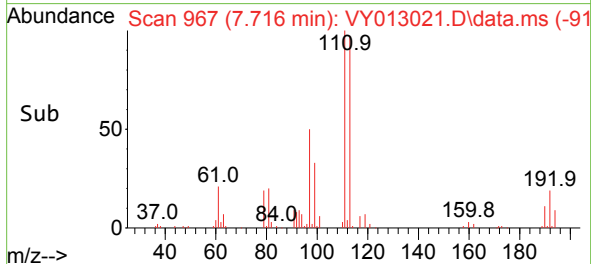
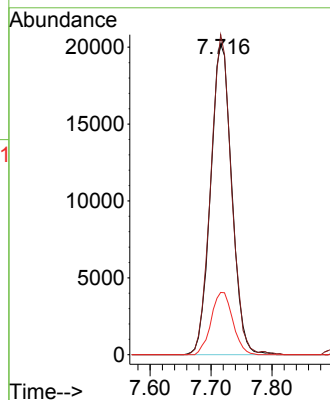
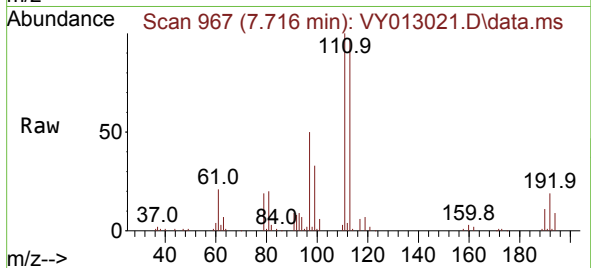




#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

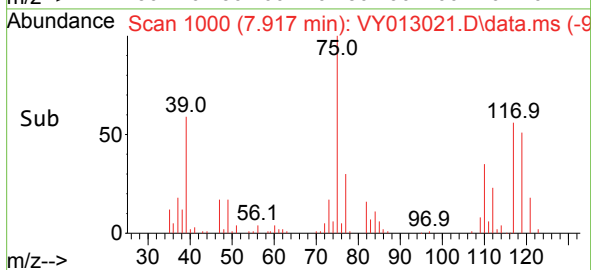
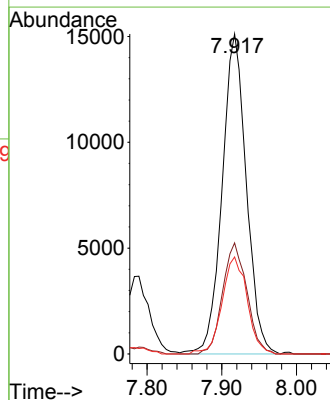
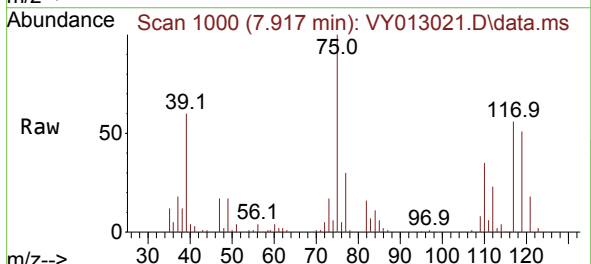
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

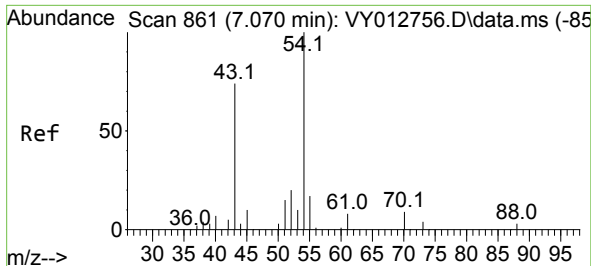
Tgt Ion:113 Resp: 48705
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.738 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 75 Resp: 34004
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.3
77 31.5 25.0 37.4

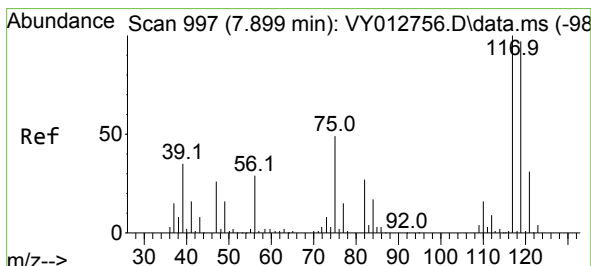
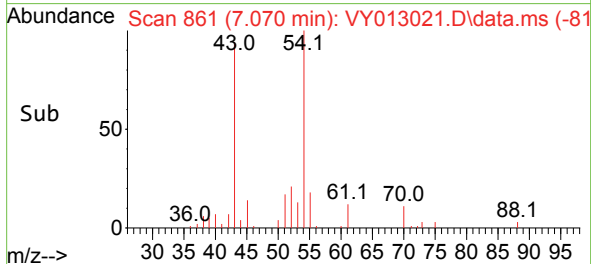
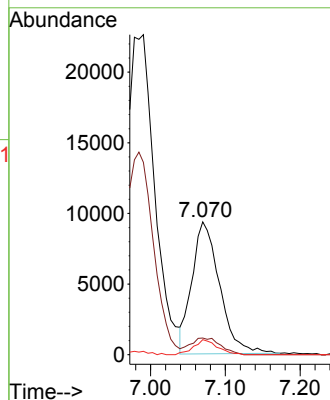
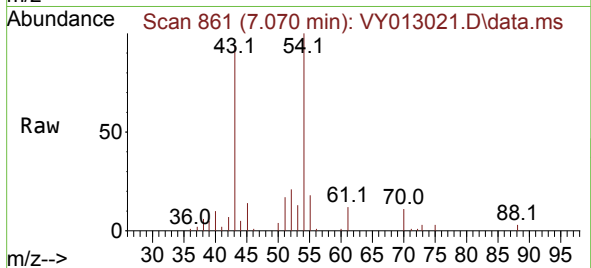




#37
Ethyl Acetate
Concen: 23.253 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

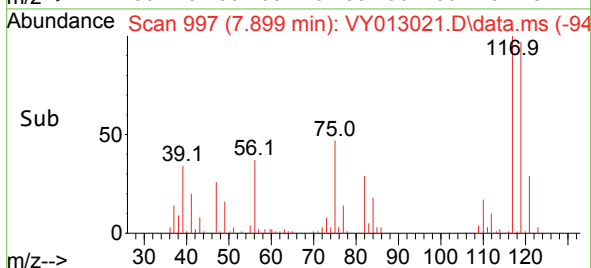
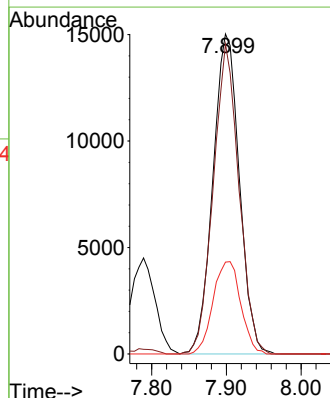
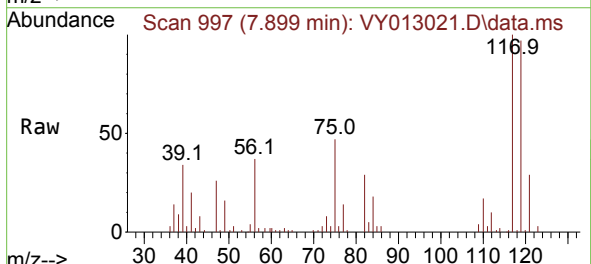
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 43 Resp: 24032
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.825 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 117 Resp: 36956
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8
121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 19.602 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

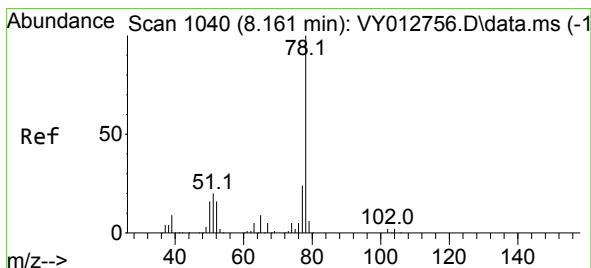
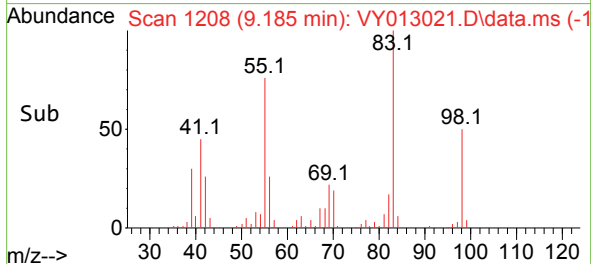
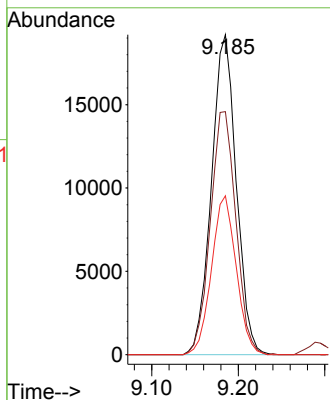
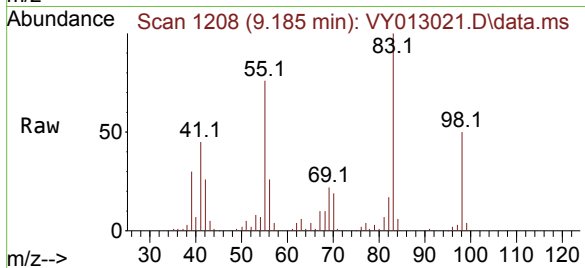
Tgt Ion: 83 Resp: 38213

Ion Ratio Lower Upper

83 100

55 75.9 60.0 90.0

98 49.7 38.3 57.5



#40

Benzene

Concen: 21.521 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013021.D

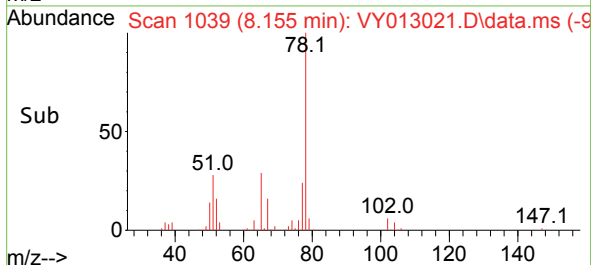
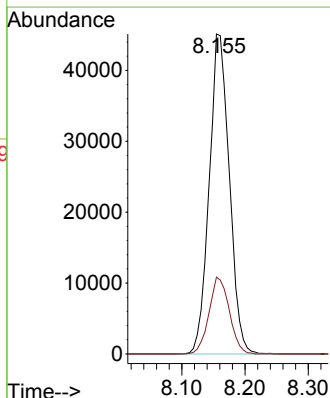
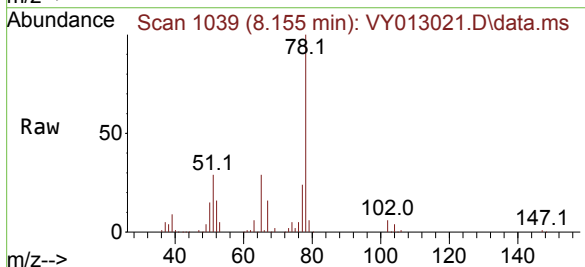
Acq: 21 Mar 2023 12:50

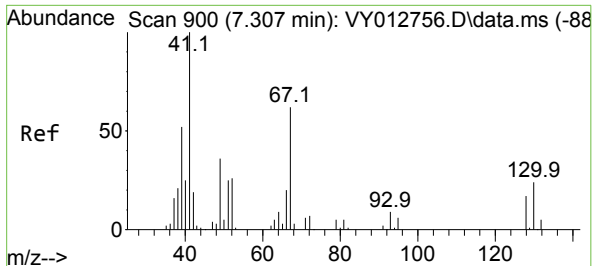
Tgt Ion: 78 Resp: 99823

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

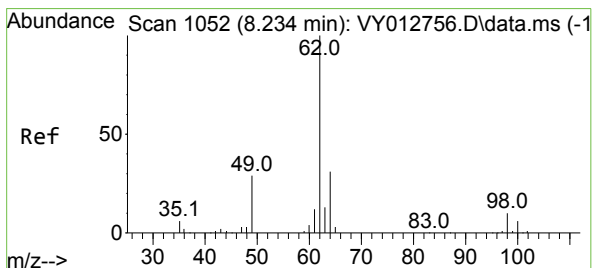
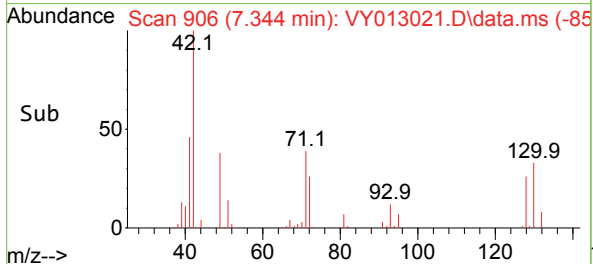
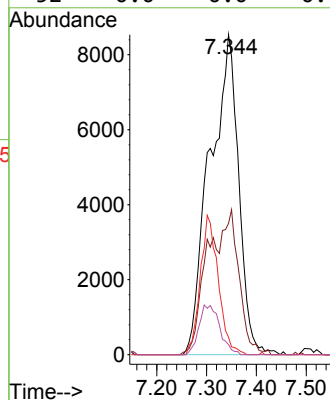
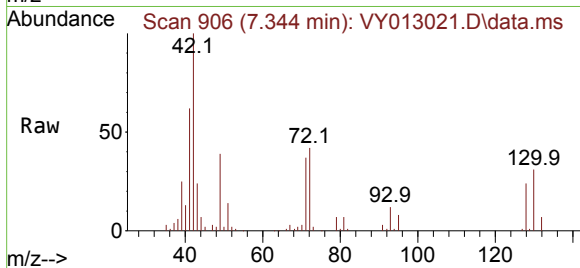




#41
Methacrylonitrile
Concen: 61.373 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

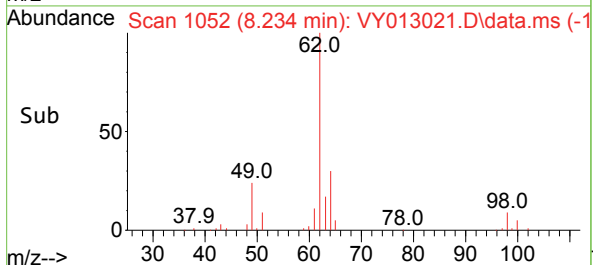
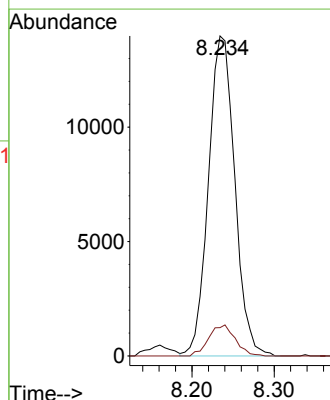
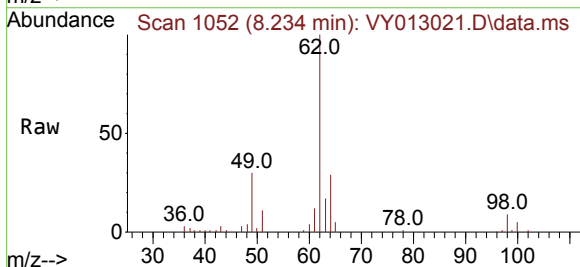
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

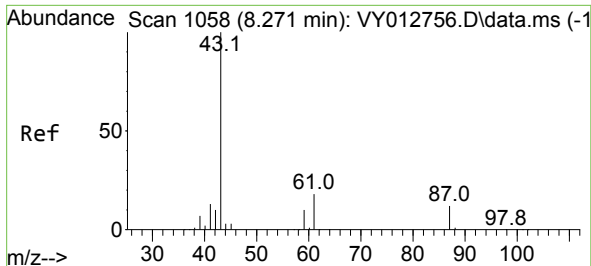
Tgt Ion:	41	Resp:	34174
Ion	Ratio	Lower	Upper
41	100		
39	26.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.318 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:	62	Resp:	31123
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.8

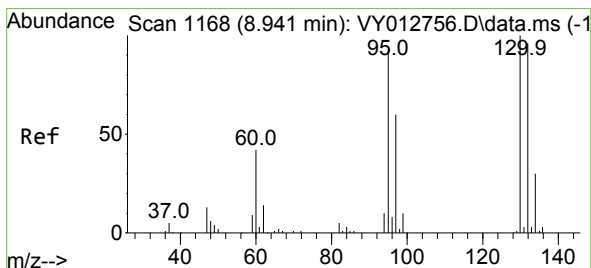
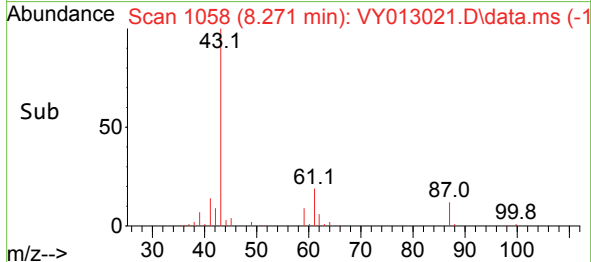
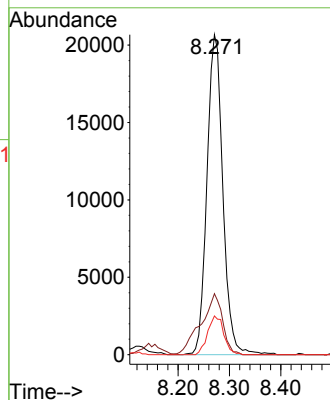
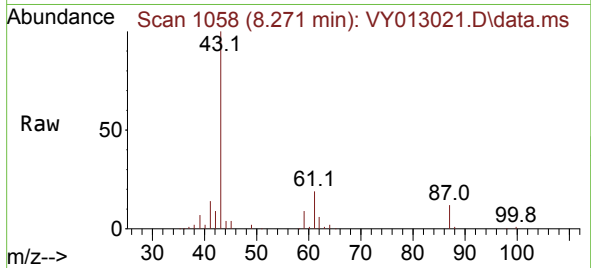




#43
Isopropyl Acetate
Concen: 24.059 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

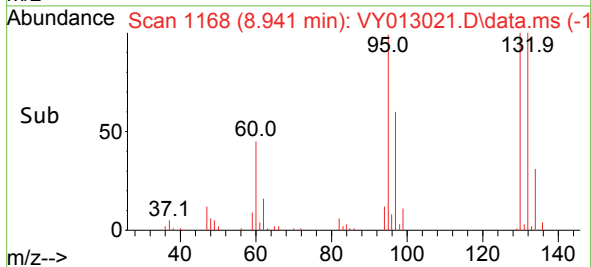
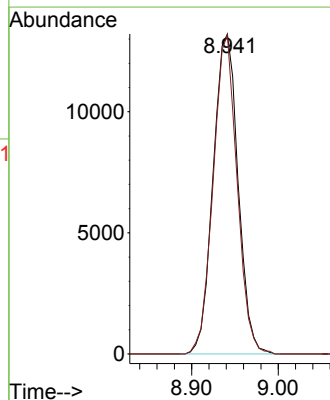
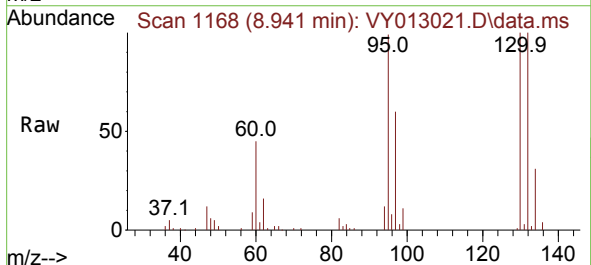
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

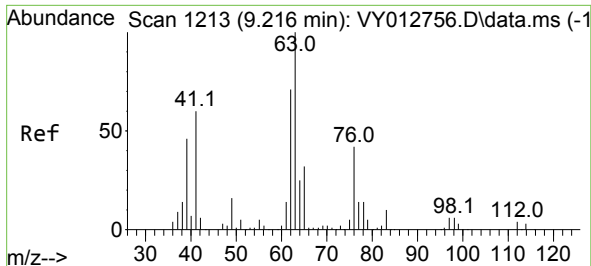
Tgt Ion: 43 Resp: 44363
Ion Ratio Lower Upper
43 100
61 26.2 21.6 32.4
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 21.548 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:130 Resp: 26352
Ion Ratio Lower Upper
130 100
95 99.6 0.0 185.0





#45

1,2-Dichloropropane

Concen: 22.175 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

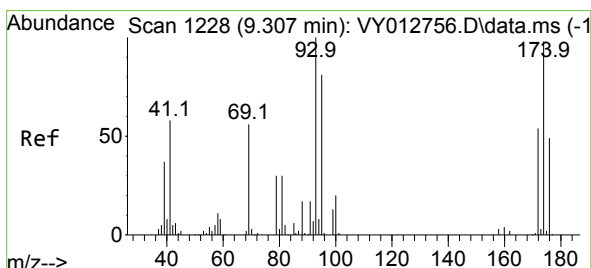
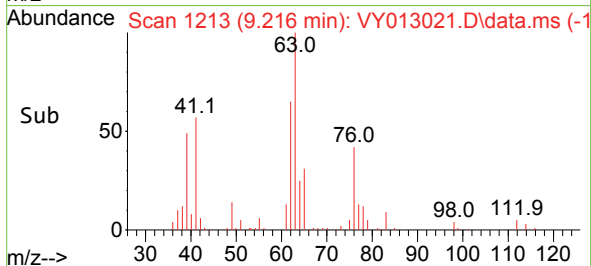
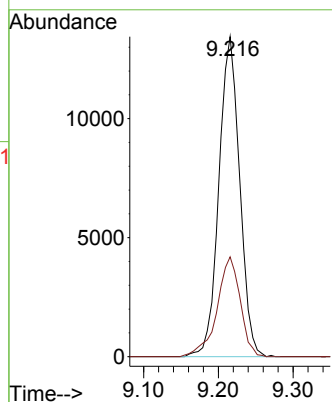
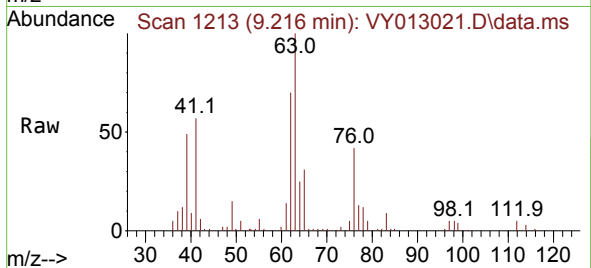
VY0321SBS01

Tgt Ion: 63 Resp: 25994

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 22.961 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

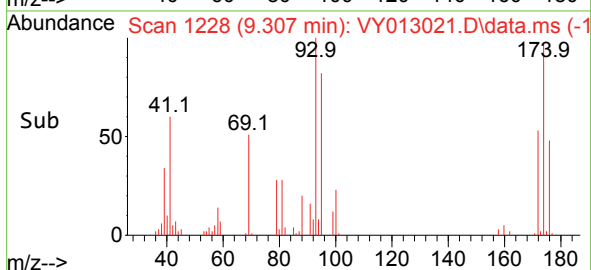
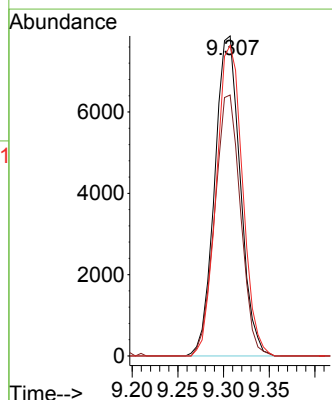
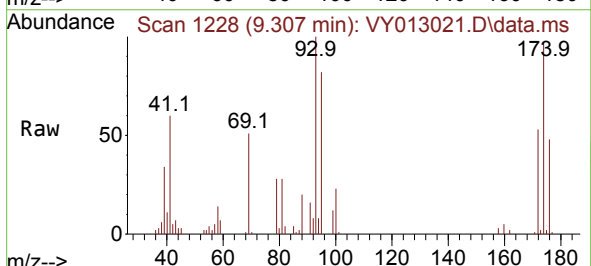
Tgt Ion: 93 Resp: 15334

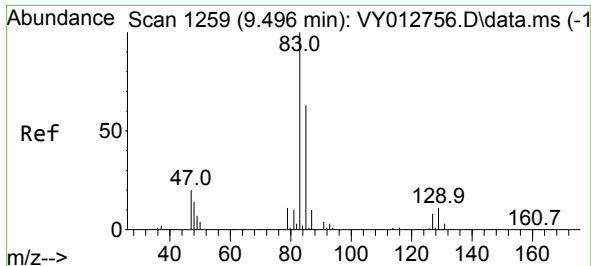
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 99.6 81.3 121.9

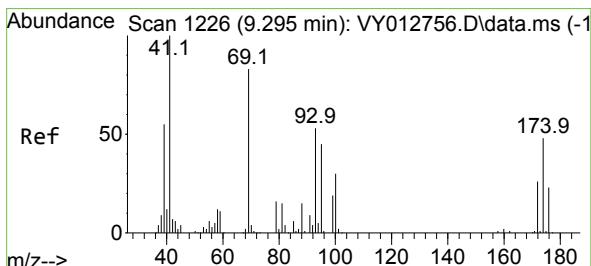
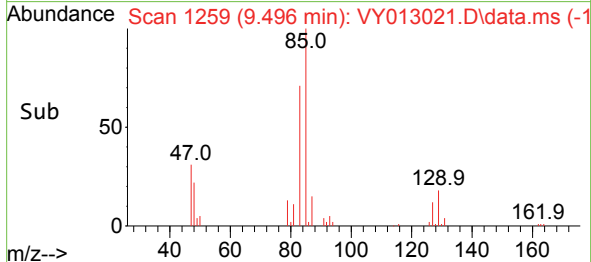
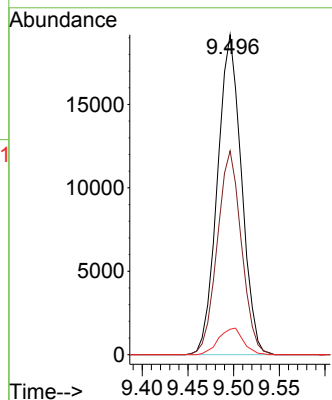
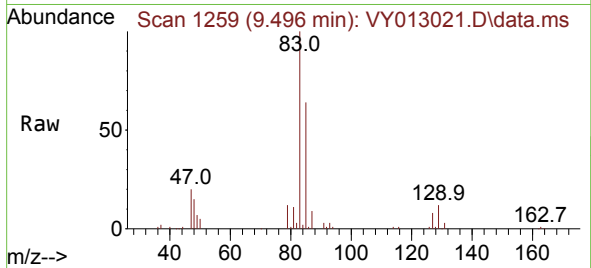




#47
Bromodichloromethane
Concen: 22.300 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

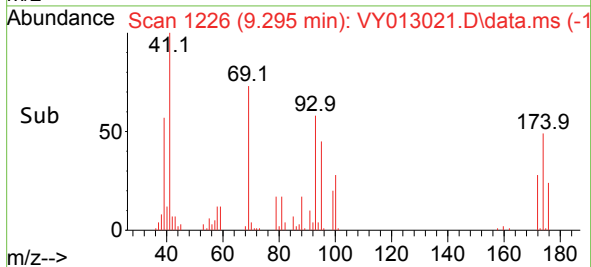
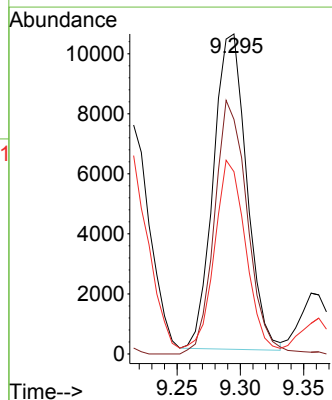
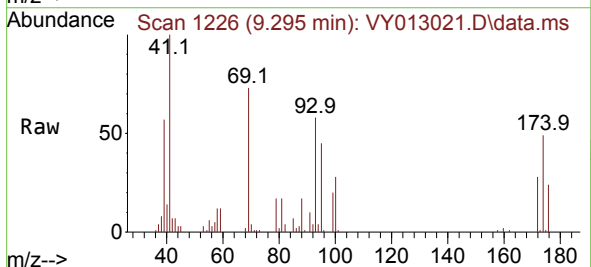
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

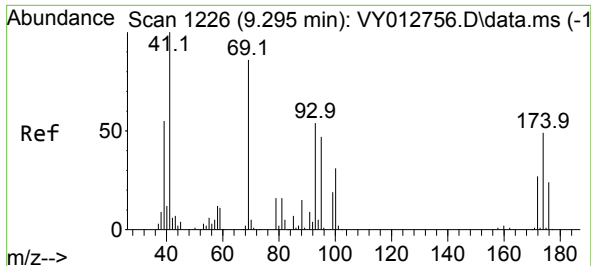
Tgt Ion: 83 Resp: 35095
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 22.656 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 41 Resp: 19249
Ion Ratio Lower Upper
41 100
69 79.5 64.1 96.1
39 55.4 44.0 66.0





#49

1,4-Dioxane

Concen: 531.778 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

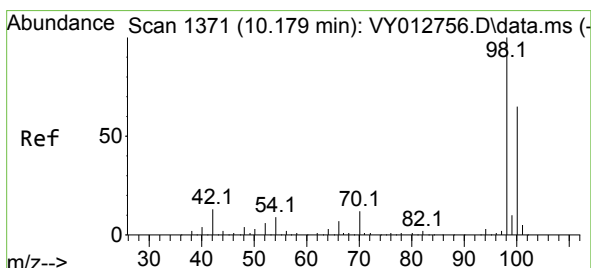
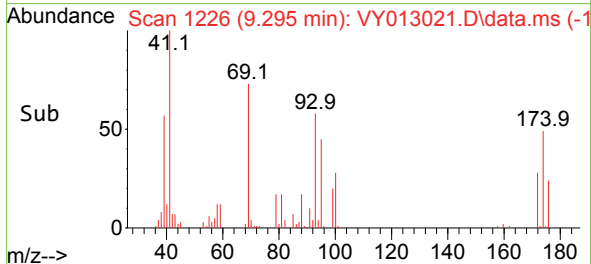
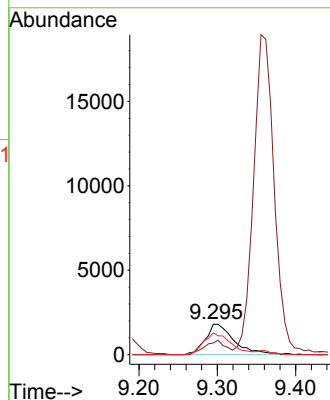
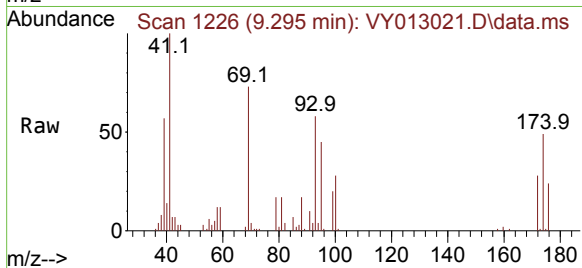
Tgt Ion: 88 Resp: 4591

Ion Ratio Lower Upper

88 100

43 33.9 28.6 42.8

58 67.4 55.2 82.8



#50

Toluene-d8

Concen: 43.651 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013021.D

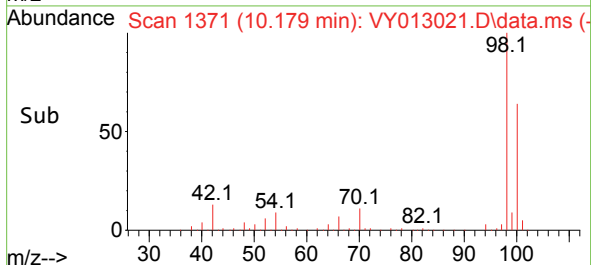
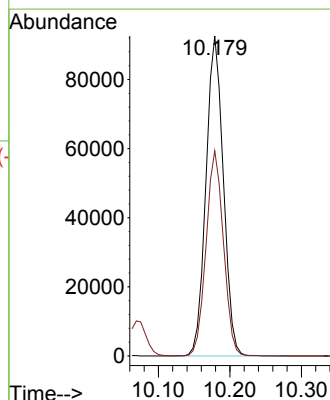
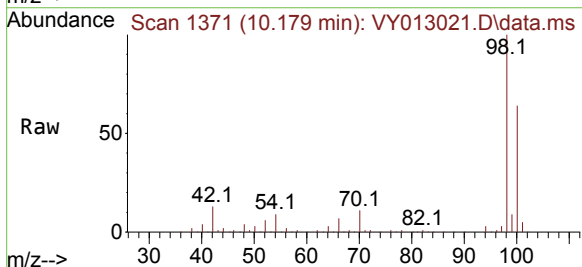
Acq: 21 Mar 2023 12:50

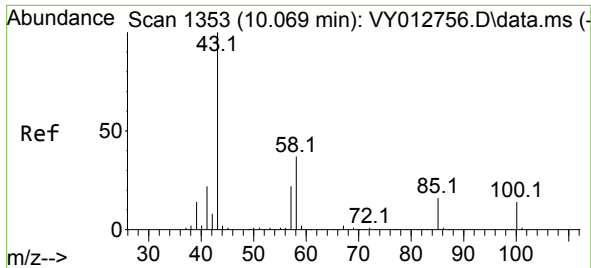
Tgt Ion: 98 Resp: 156145

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 126.293 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

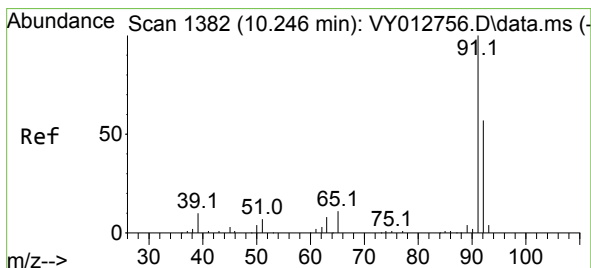
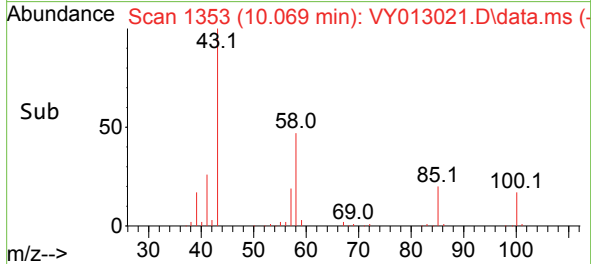
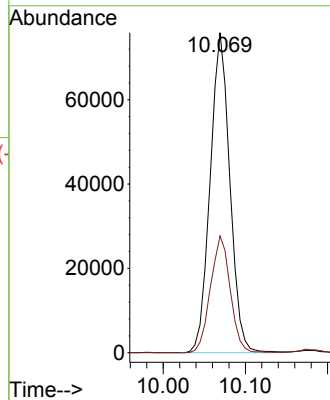
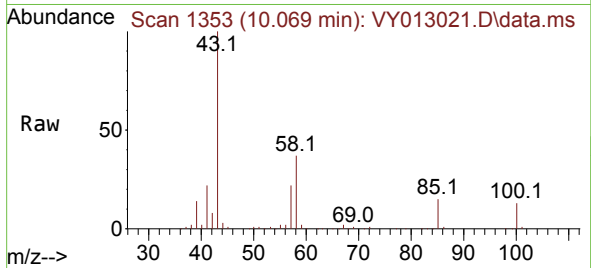
VY0321SBS01

Tgt Ion: 43 Resp: 126317

Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.6



#52

Toluene

Concen: 21.619 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013021.D

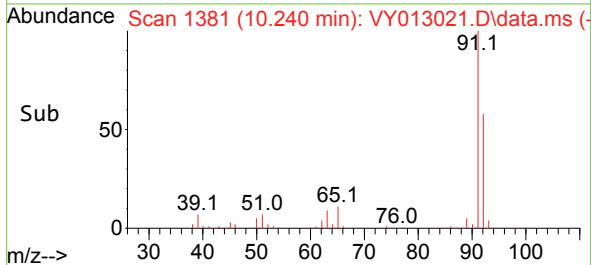
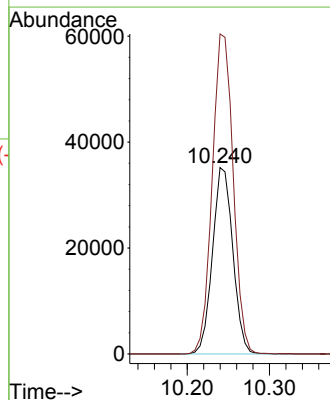
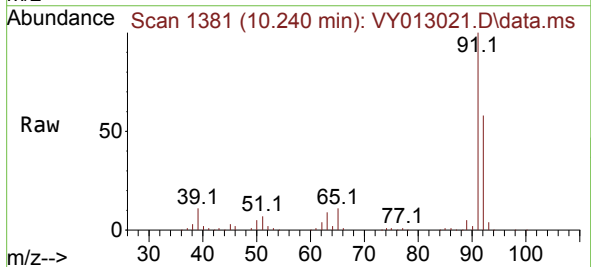
Acq: 21 Mar 2023 12:50

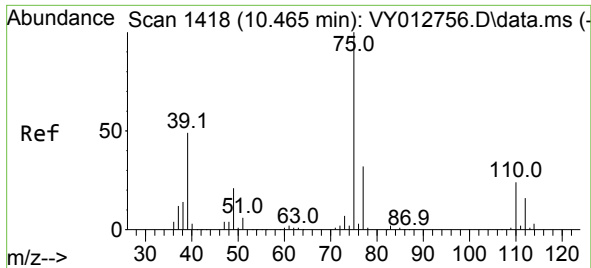
Tgt Ion: 92 Resp: 60475

Ion Ratio Lower Upper

92 100

91 177.0 141.3 211.9

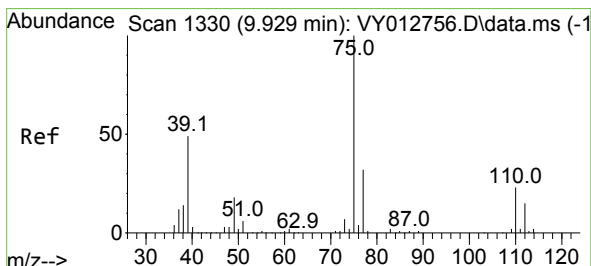
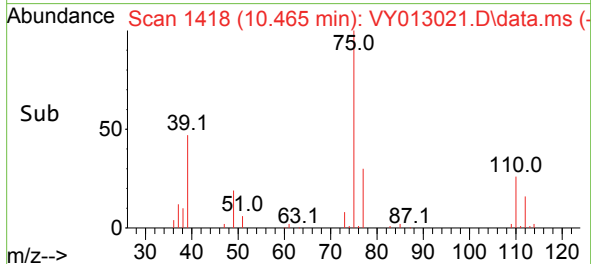
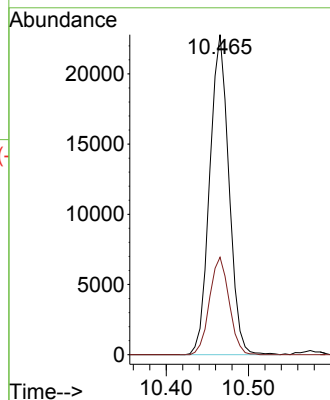
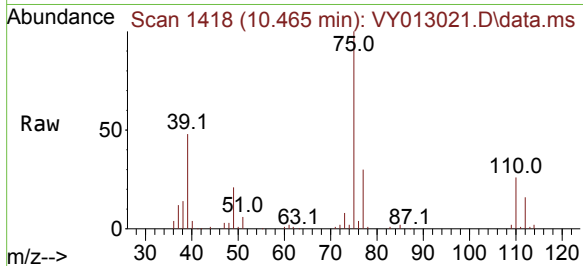




#53
 t-1,3-Dichloropropene
 Concen: 22.395 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

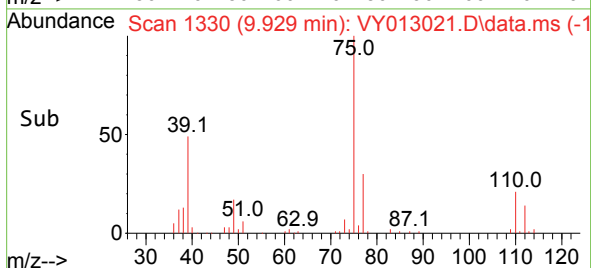
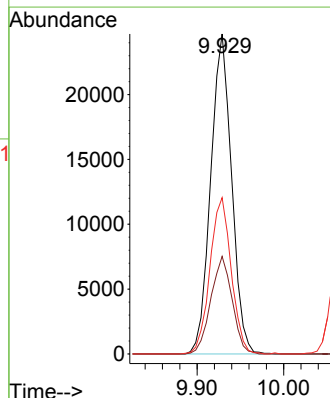
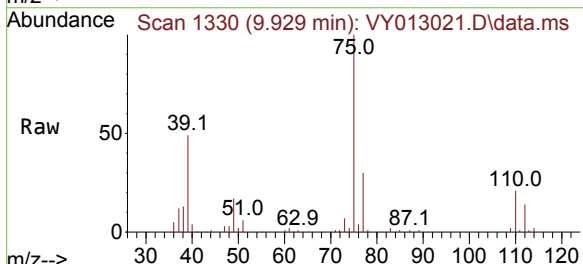
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

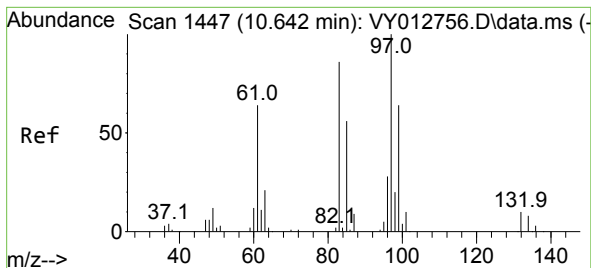
Tgt Ion: 75 Resp: 36967
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.111 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013021.D
 Acq: 21 Mar 2023 12:50

Tgt Ion: 75 Resp: 41311
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 48.9 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.412 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 97 Resp: 21774

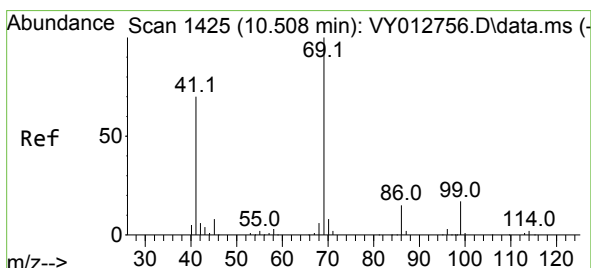
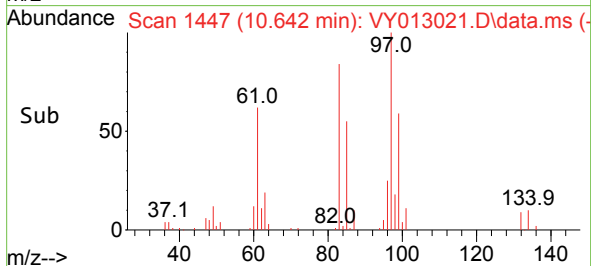
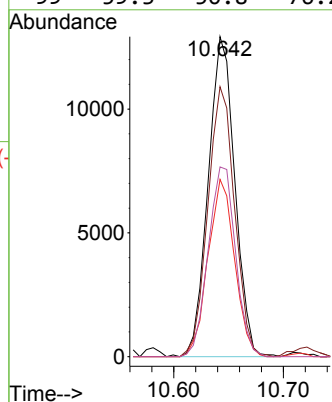
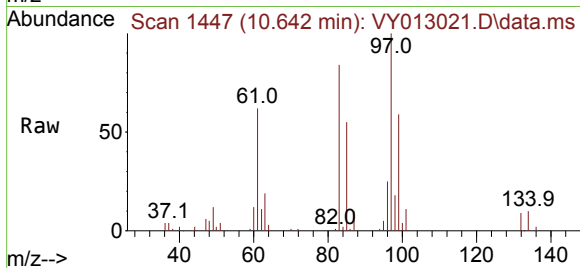
Ion Ratio Lower Upper

97 100

83 84.3 69.0 103.6

85 55.4 44.9 67.3

99 59.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 23.044 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

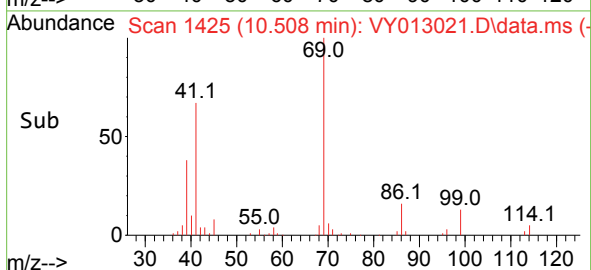
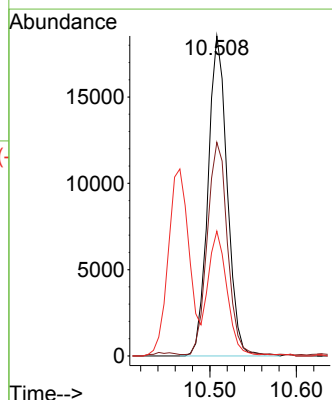
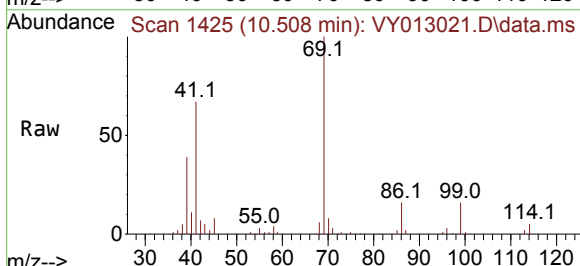
Tgt Ion: 69 Resp: 28577

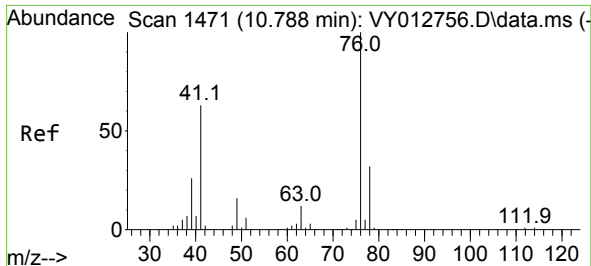
Ion Ratio Lower Upper

69 100

41 70.2 56.4 84.6

39 37.2 30.8 46.2

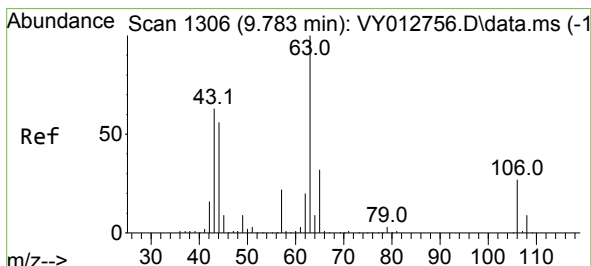
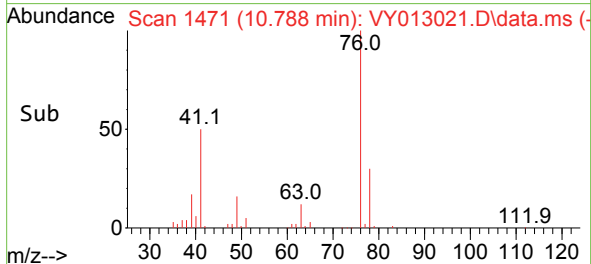
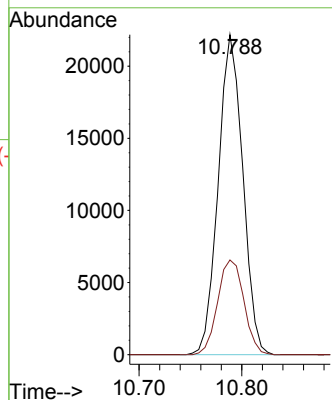
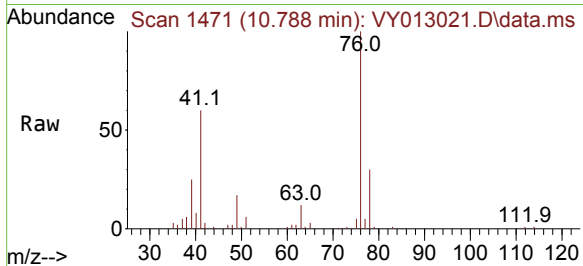




#57
1,3-Dichloropropane
Concen: 23.211 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

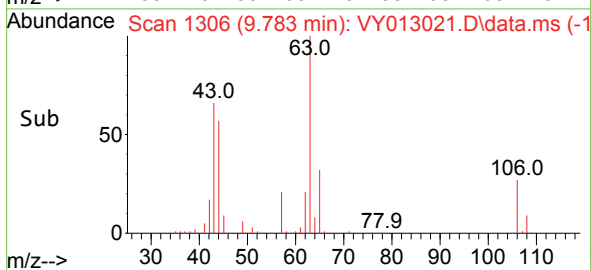
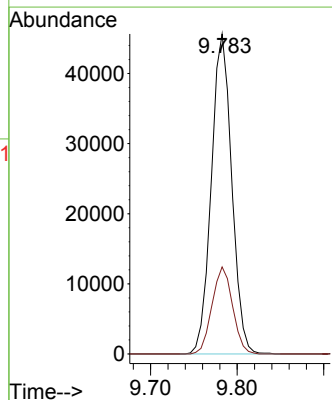
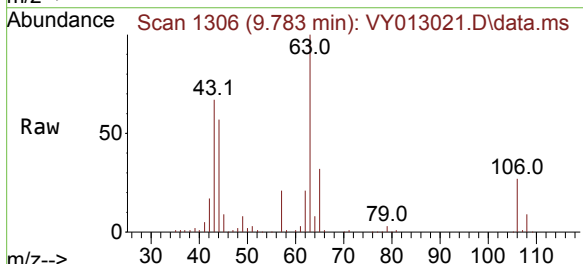
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

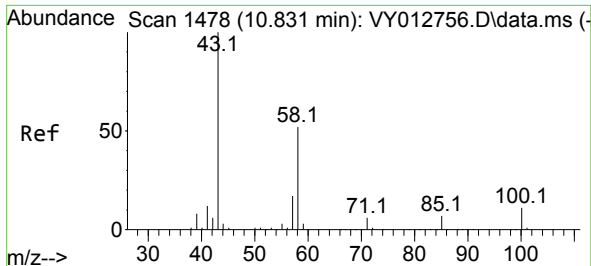
Tgt Ion: 76 Resp: 36768
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 114.808 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 63 Resp: 74741
Ion Ratio Lower Upper
63 100
106 27.3 22.1 33.1

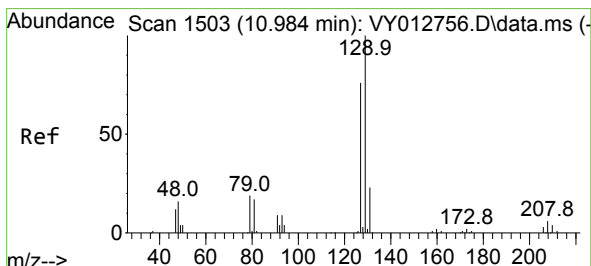
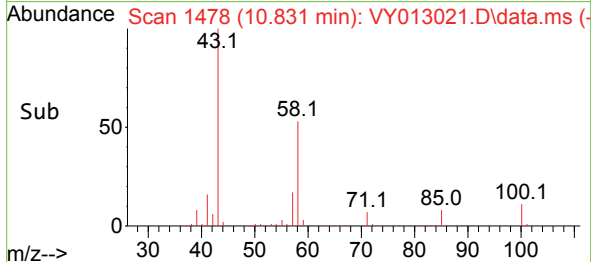
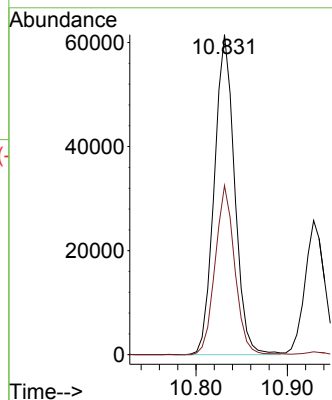
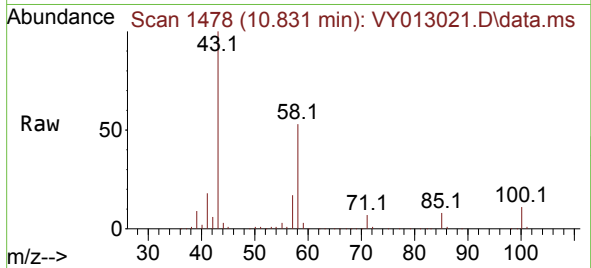




#59
2-Hexanone
Concen: 130.826 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

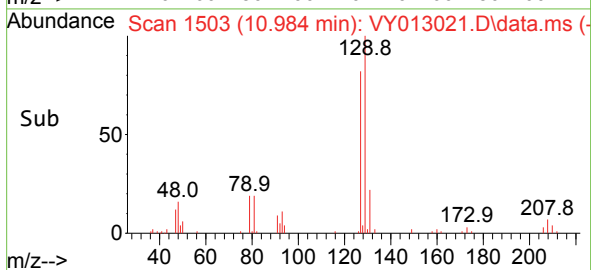
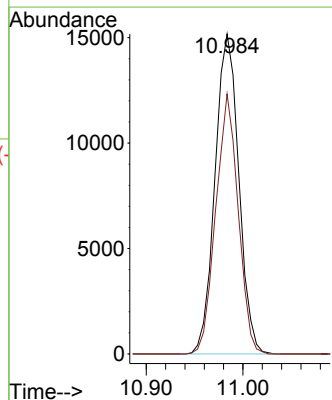
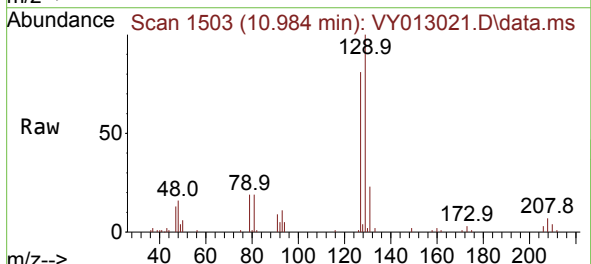
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

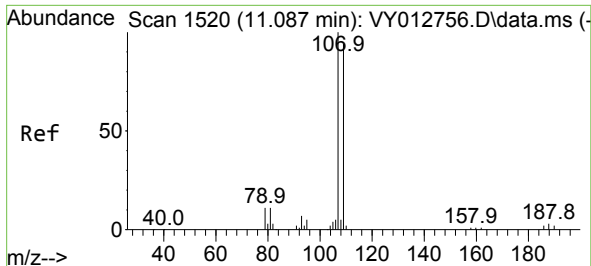
Tgt Ion: 43 Resp: 95100
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 22.849 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 129 Resp: 25868
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

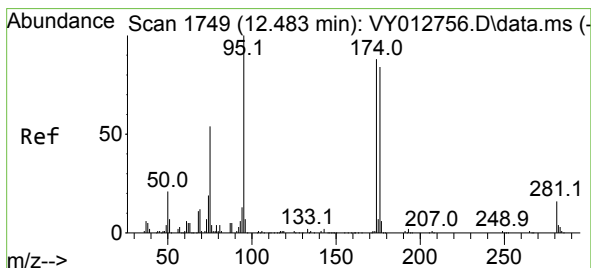
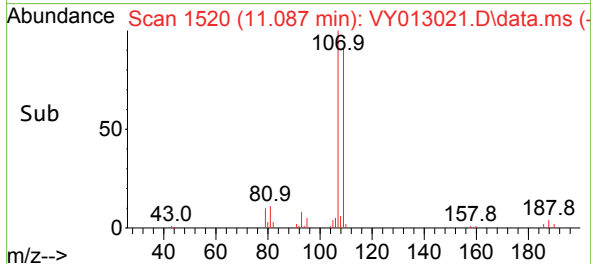
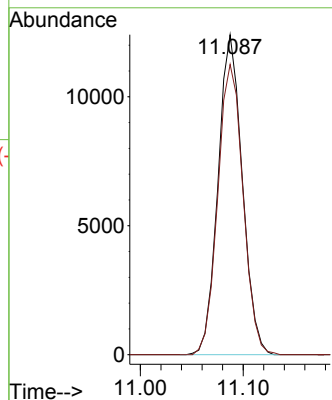
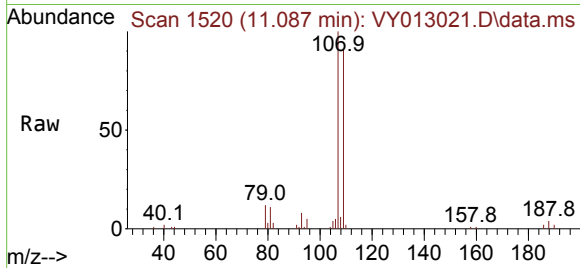




#61
1,2-Dibromoethane
Concen: 22.658 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

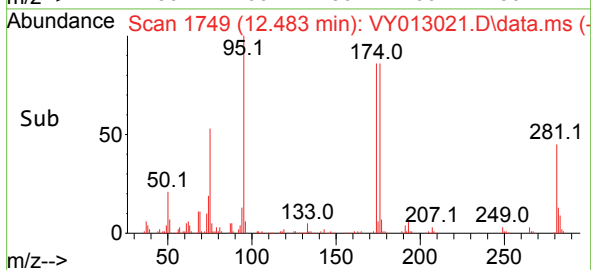
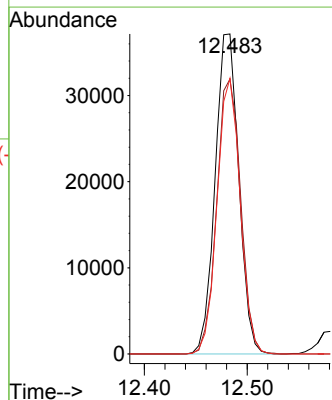
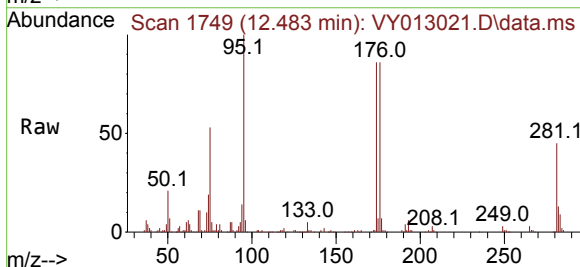
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

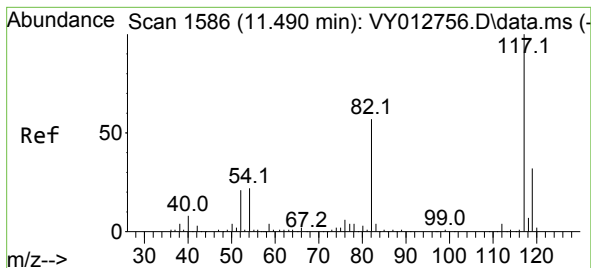
Tgt Ion:107 Resp: 20299
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 95 Resp: 59328
Ion Ratio Lower Upper
95 100
174 87.1 0.0 176.6
176 83.9 0.0 170.2

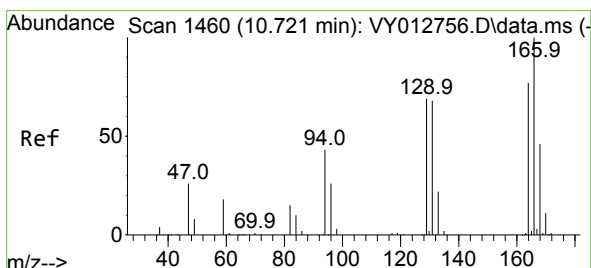
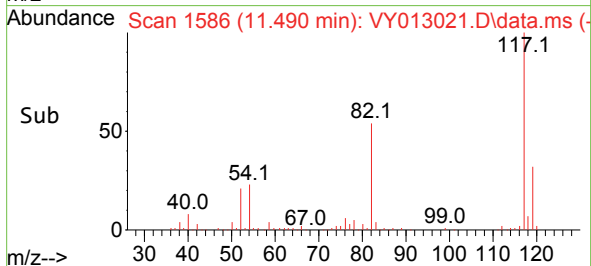
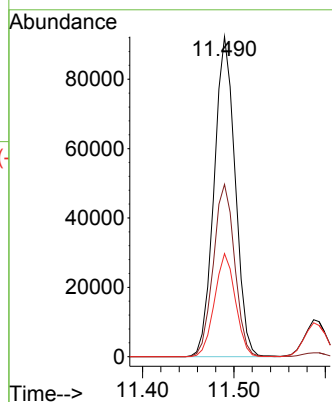
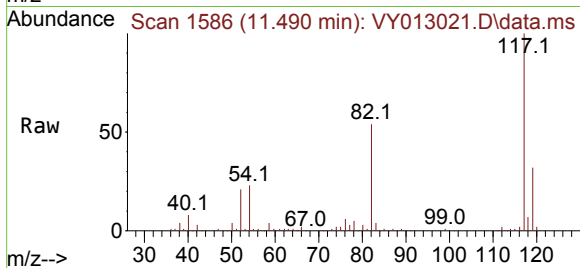




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

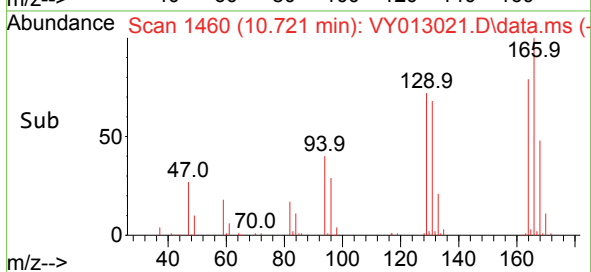
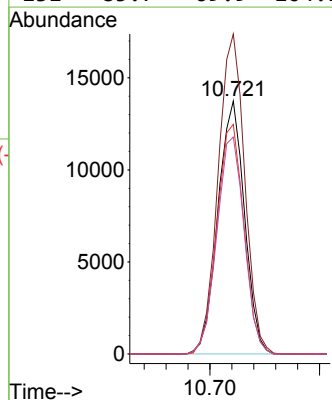
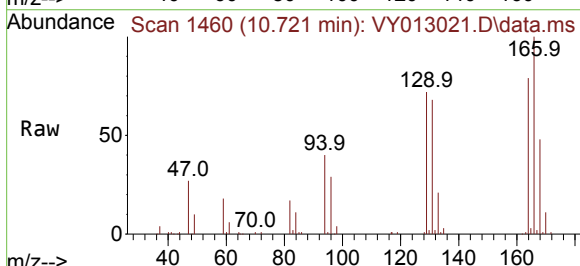
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

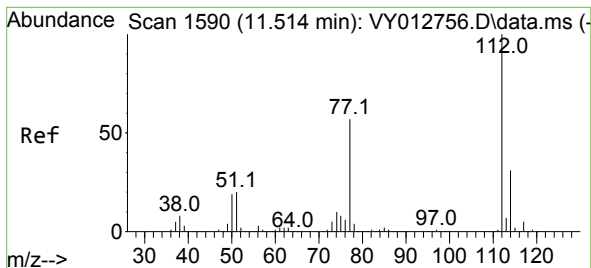
Tgt Ion:117 Resp: 147566
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 21.520 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:164 Resp: 23121
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.2
129 90.7 71.4 107.2
131 85.7 69.9 104.9





#65

Chlorobenzene

Concen: 21.355 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

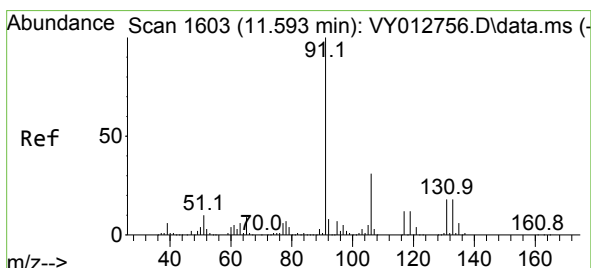
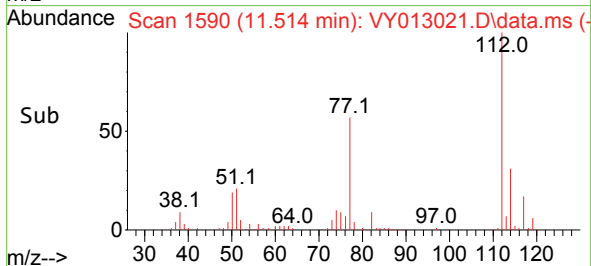
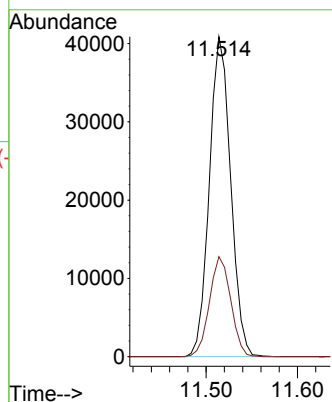
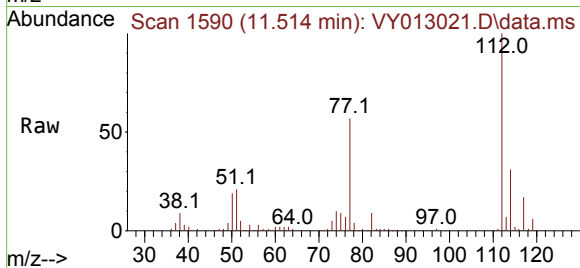
VY0321SBS01

Tgt Ion:112 Resp: 66138

Ion Ratio Lower Upper

112 100

114 31.3 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 22.129 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

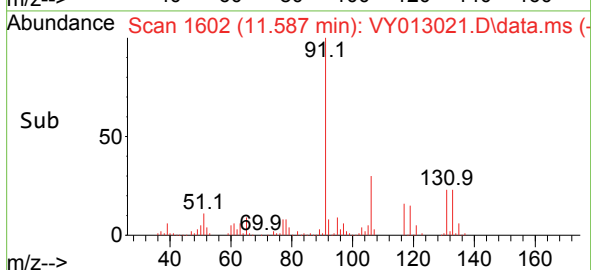
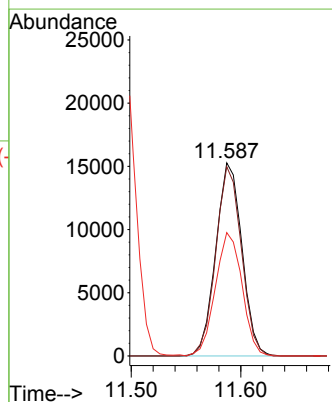
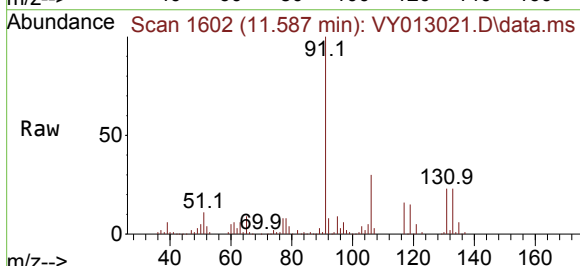
Tgt Ion:131 Resp: 25360

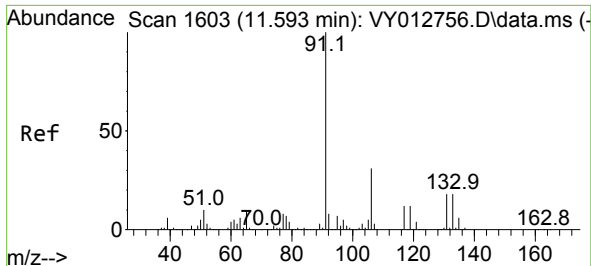
Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.0

119 65.0 32.6 98.0

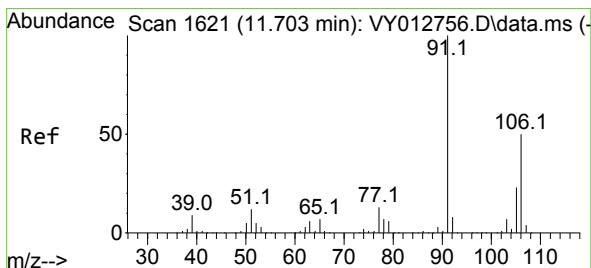
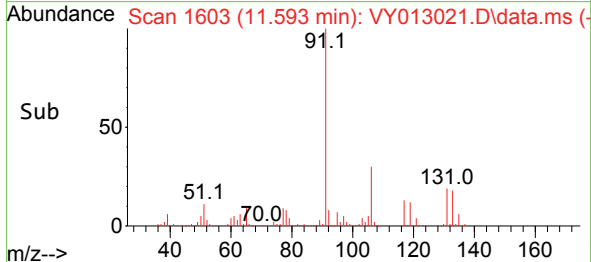
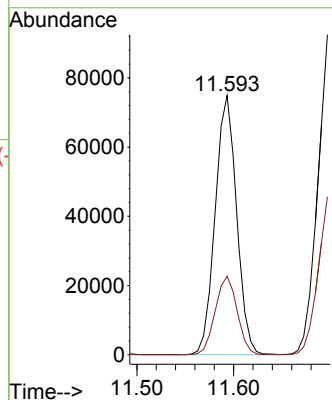
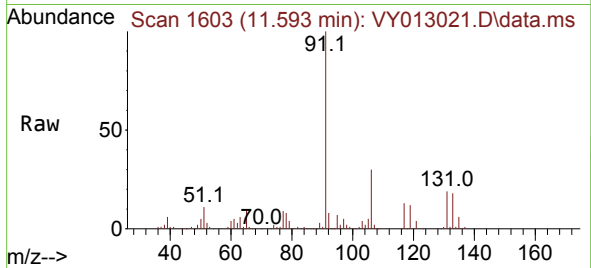




#67
Ethyl Benzene
Concen: 21.123 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

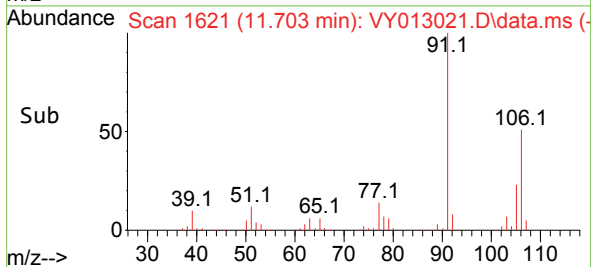
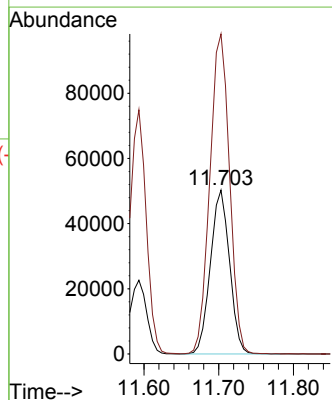
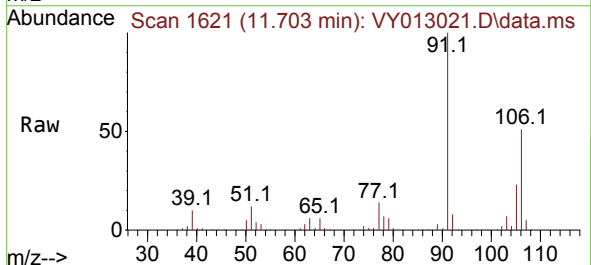
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

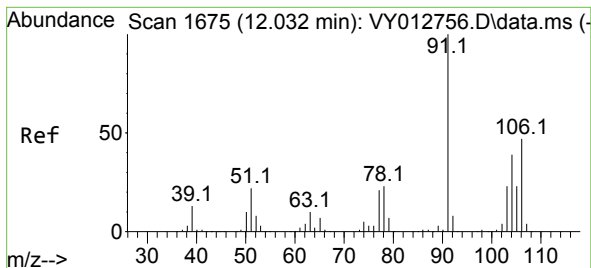
Tgt Ion: 91 Resp: 115019
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7



#68
m/p-Xylenes
Concen: 42.718 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:106 Resp: 89482
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.8





#69

o-Xylene

Concen: 21.537 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

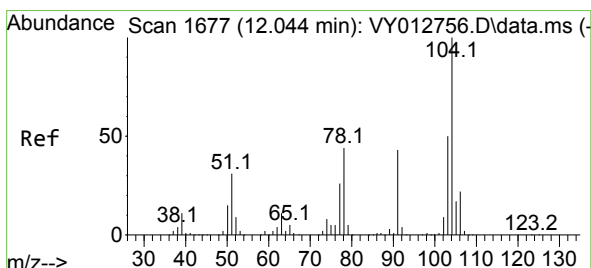
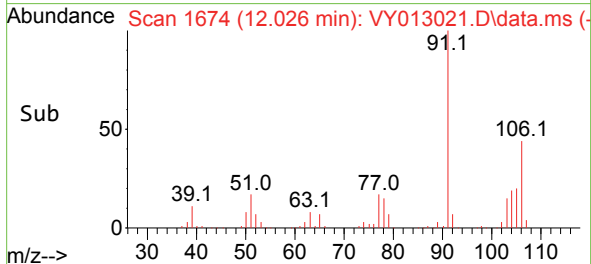
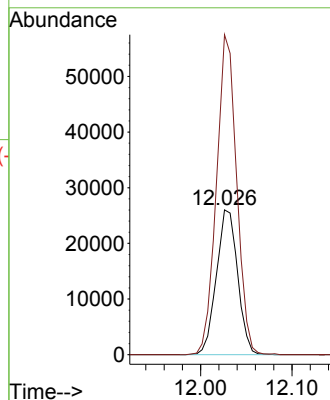
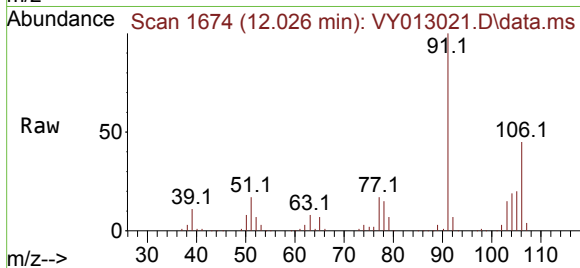
VY0321SBS01

Tgt Ion:106 Resp: 42104

Ion Ratio Lower Upper

106 100

91 210.0 107.2 321.6



#70

Styrene

Concen: 21.889 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

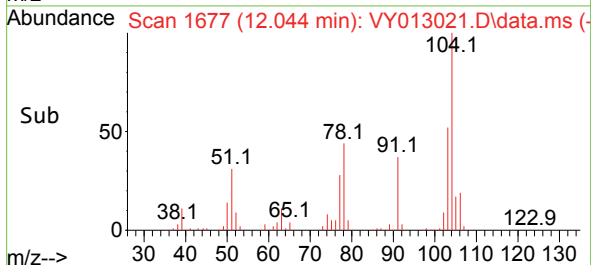
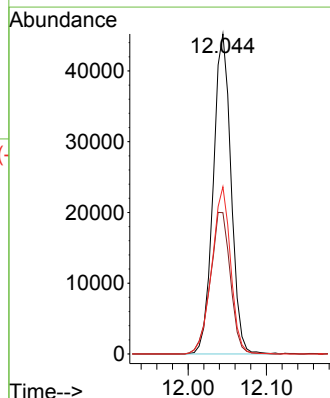
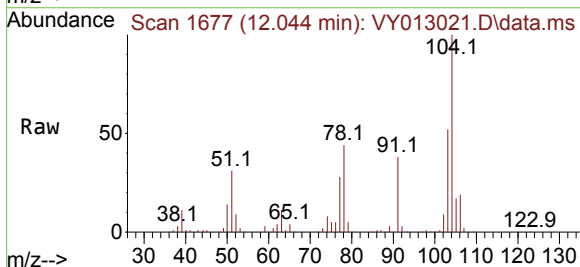
Tgt Ion:104 Resp: 71412

Ion Ratio Lower Upper

104 100

78 49.7 39.2 58.8

103 55.1 43.7 65.5





#71

Bromoform

Concen: 23.018 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

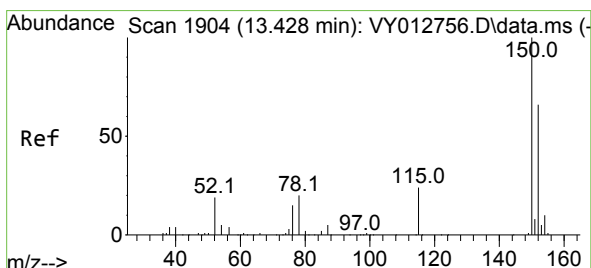
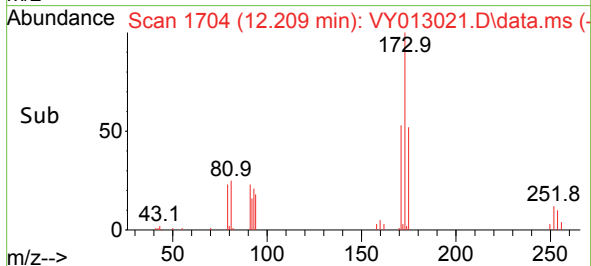
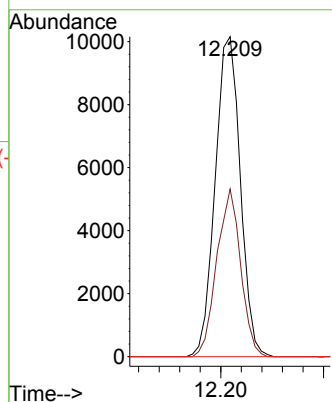
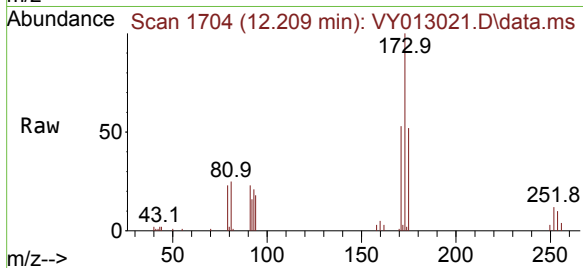
Tgt Ion:173 Resp: 17199

Ion Ratio Lower Upper

173 100

175 49.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

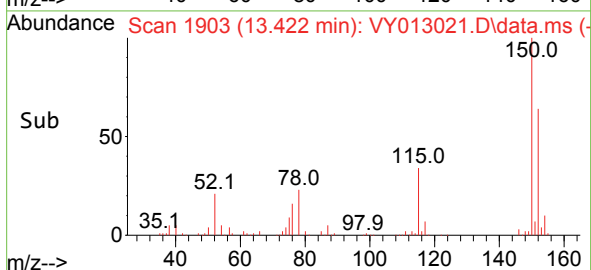
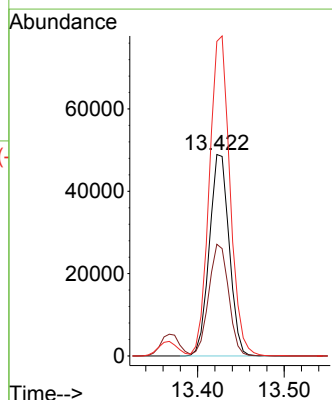
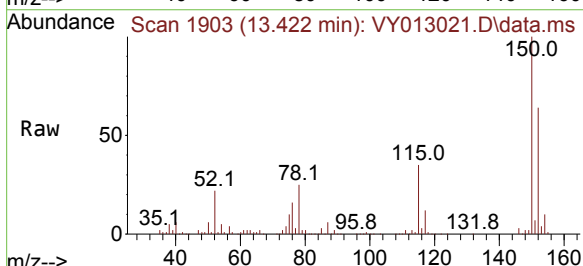
Tgt Ion:152 Resp: 77801

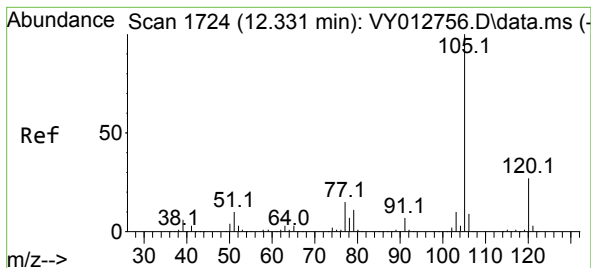
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 164.8 0.0 347.8





#73

Isopropylbenzene

Concen: 20.113 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

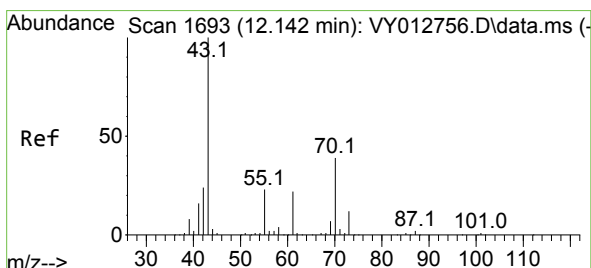
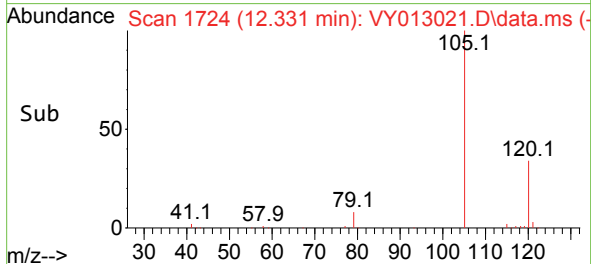
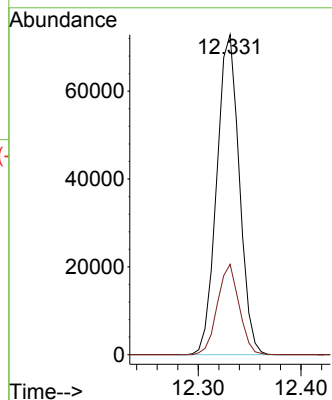
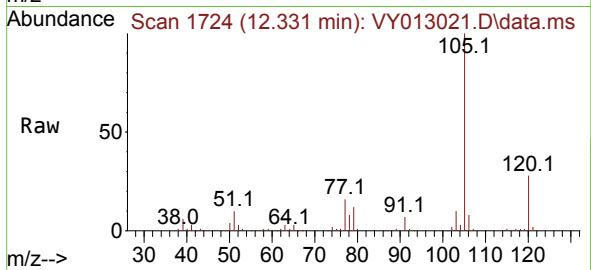
VY0321SBS01

Tgt Ion:105 Resp: 110902

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 22.082 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Tgt Ion: 43 Resp: 38309

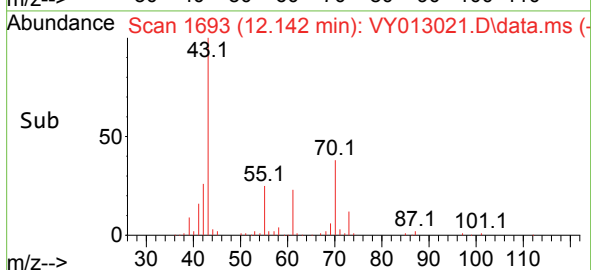
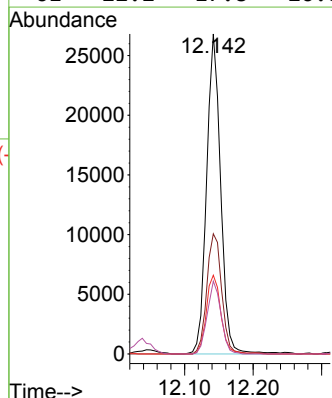
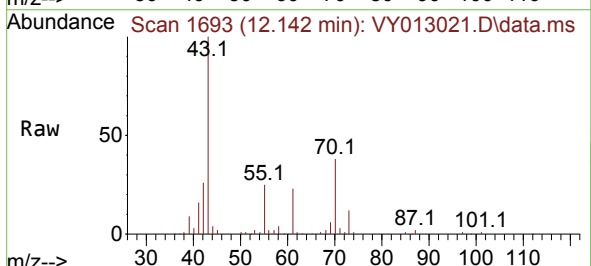
Ion Ratio Lower Upper

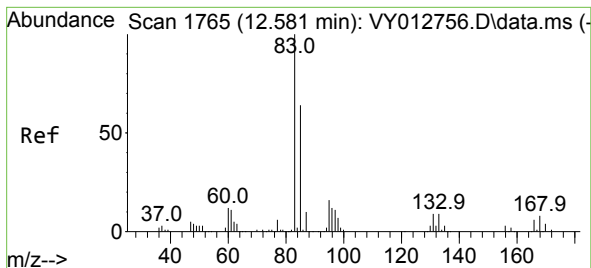
43 100

70 39.6 31.6 47.4

55 25.4 18.8 28.2

61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.201 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

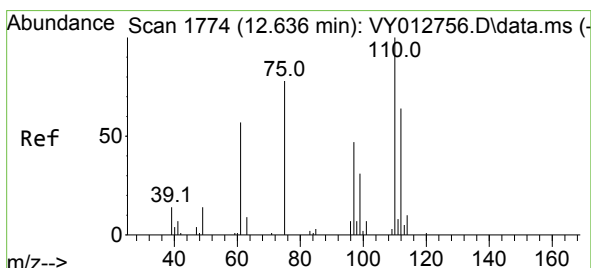
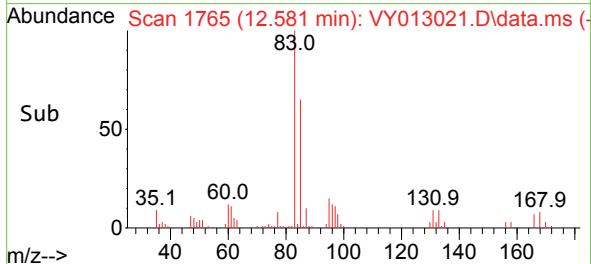
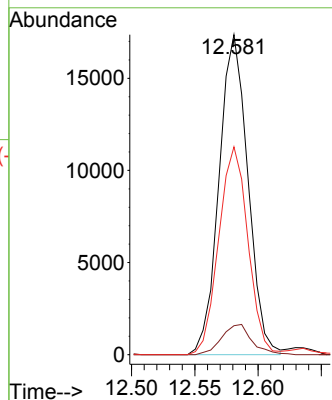
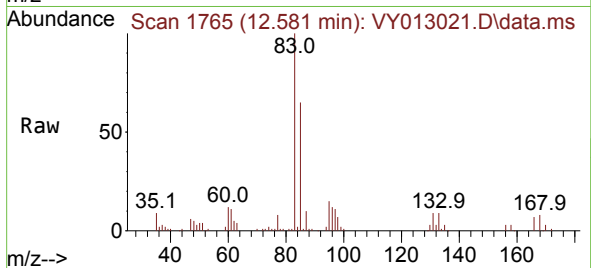
Tgt Ion: 83 Resp: 27518

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 65.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 38.456 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013021.D

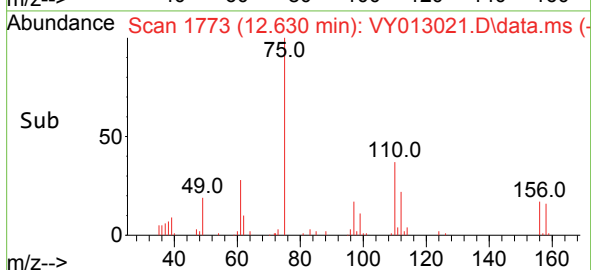
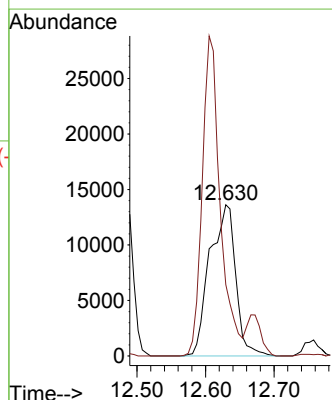
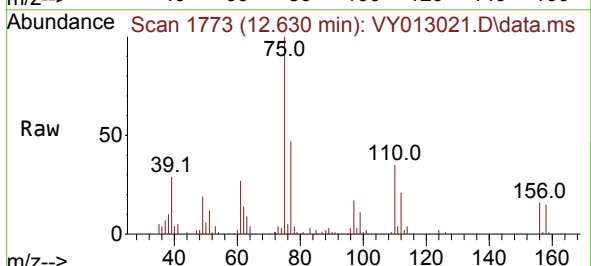
Acq: 21 Mar 2023 12:50

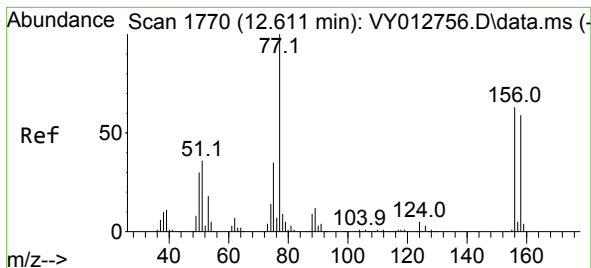
Tgt Ion: 75 Resp: 35728

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.097 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

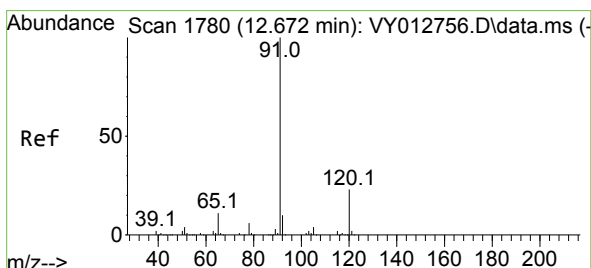
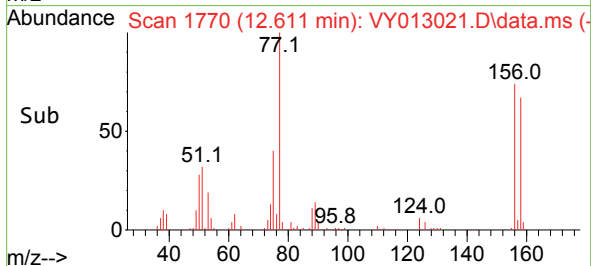
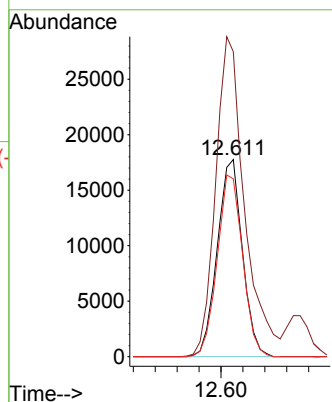
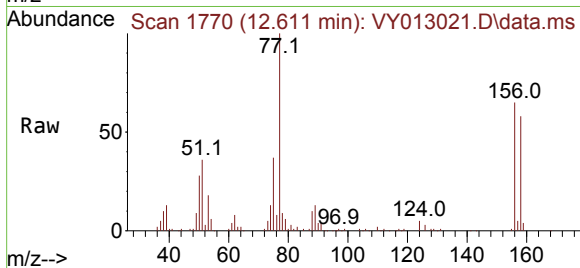
Tgt Ion:156 Resp: 28259

Ion Ratio Lower Upper

156 100

77 186.7 94.0 282.1

158 92.9 48.1 144.4



#78

n-propylbenzene

Concen: 20.549 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013021.D

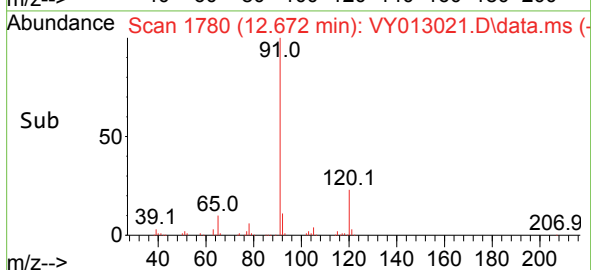
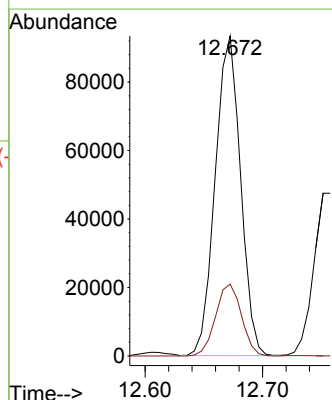
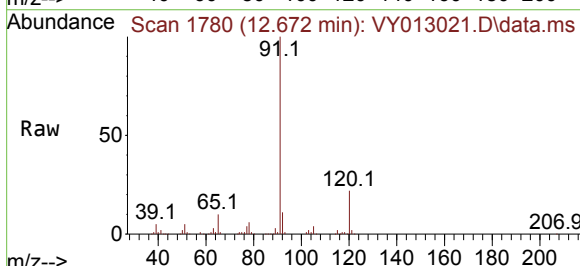
Acq: 21 Mar 2023 12:50

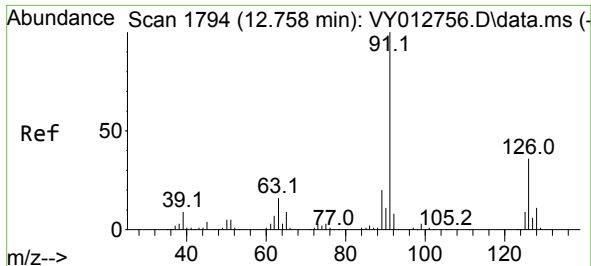
Tgt Ion: 91 Resp: 139688

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.571 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

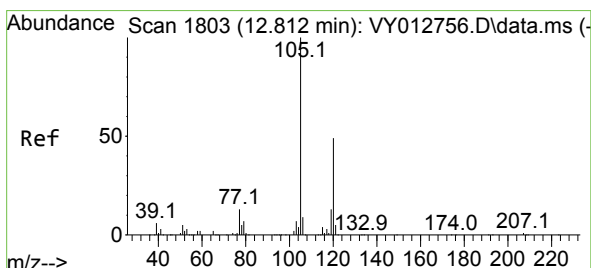
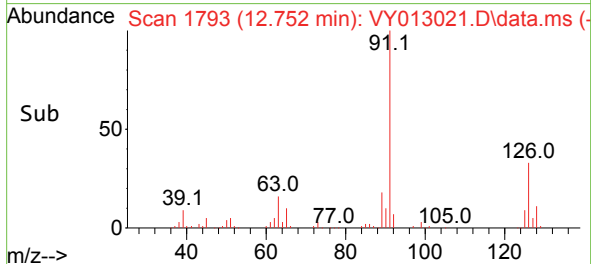
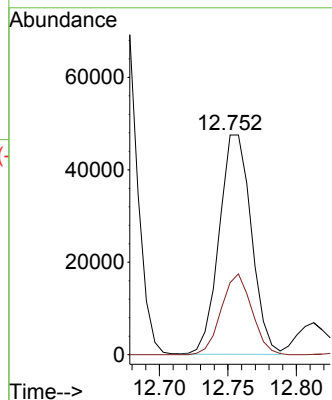
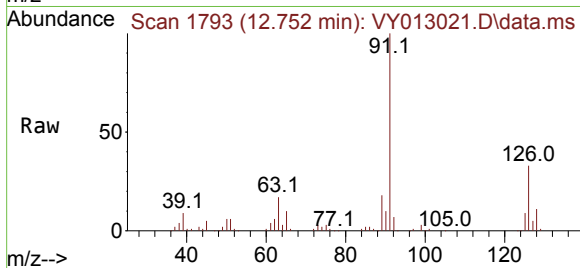
VY0321SBS01

Tgt Ion: 91 Resp: 77719

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.566 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013021.D

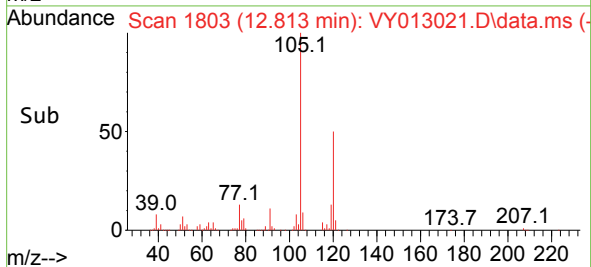
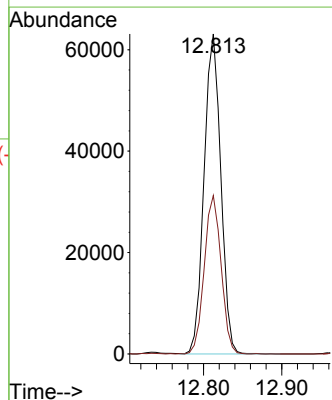
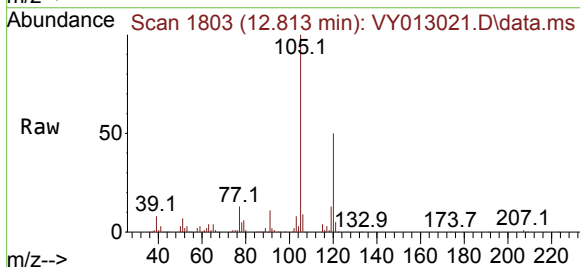
Acq: 21 Mar 2023 12:50

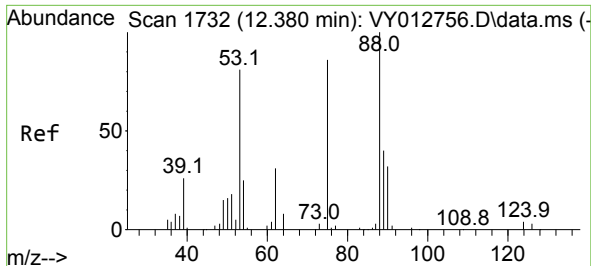
Tgt Ion:105 Resp: 93584

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4

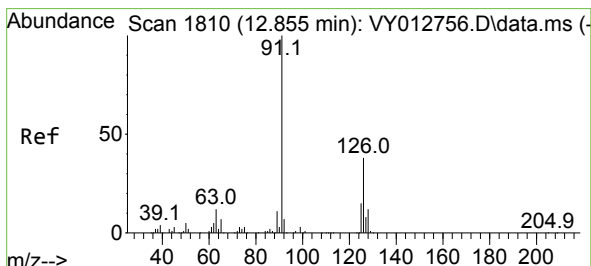
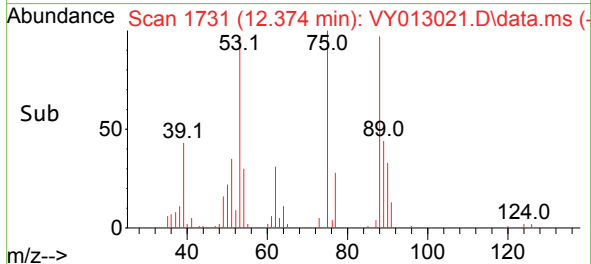
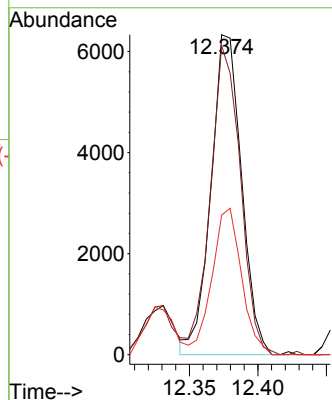
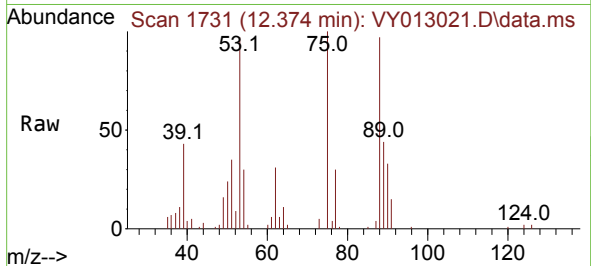




#81
trans-1,4-Dichloro-2-butene
Concen: 21.876 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

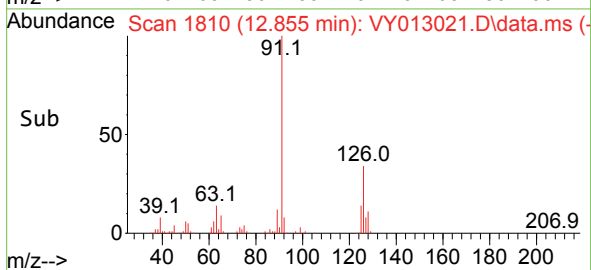
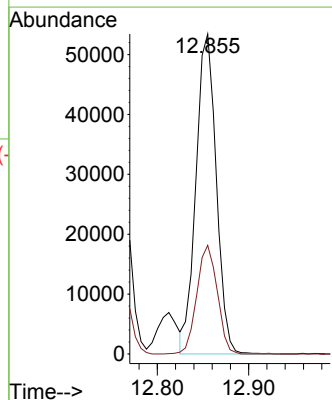
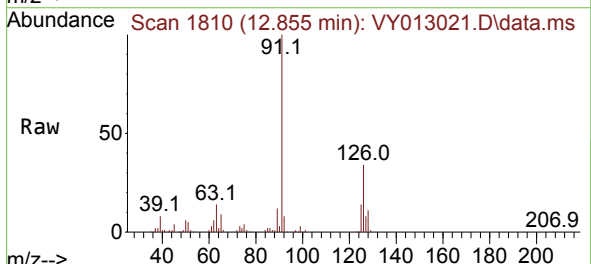
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

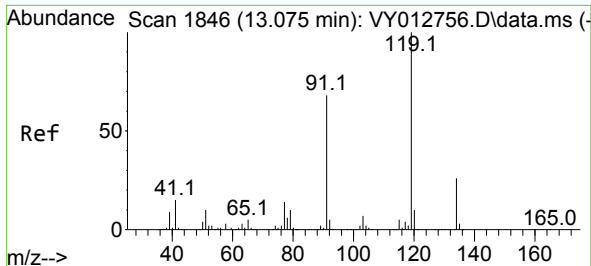
Tgt Ion: 75 Resp: 9809
Ion Ratio Lower Upper
75 100
53 94.1 73.4 110.0
89 44.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.103 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 91 Resp: 82534
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1

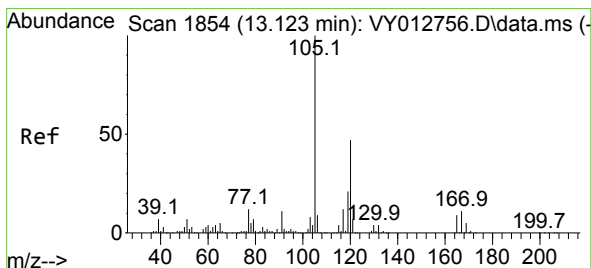
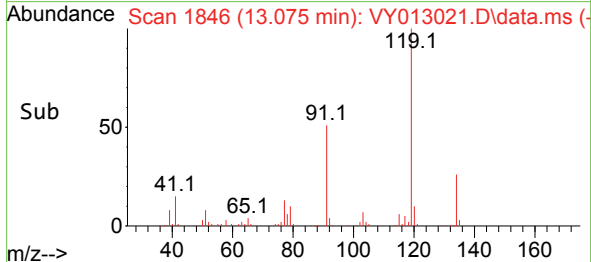
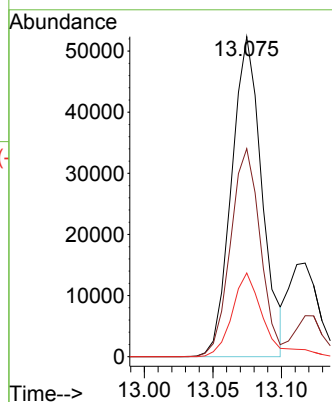
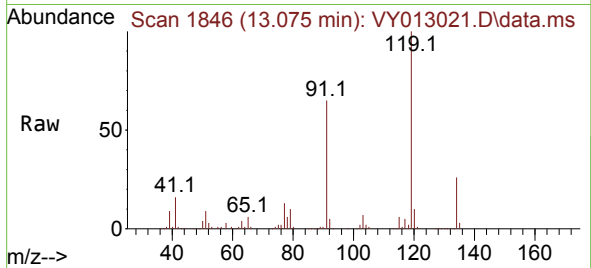




#83
tert-Butylbenzene
Concen: 20.617 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

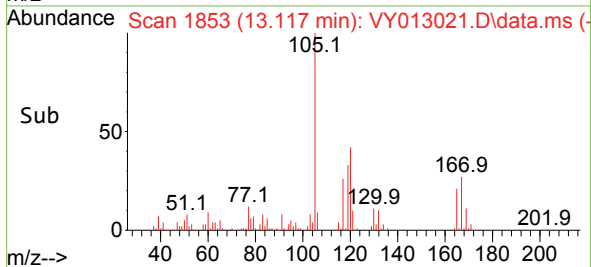
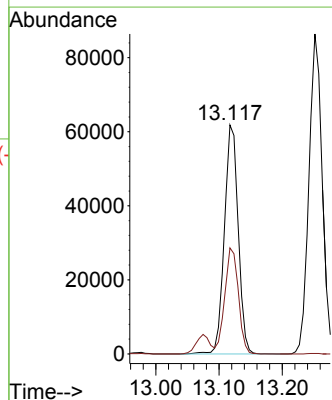
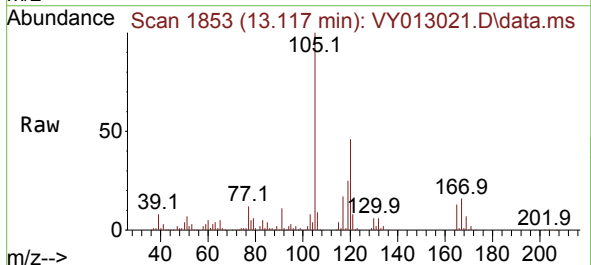
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

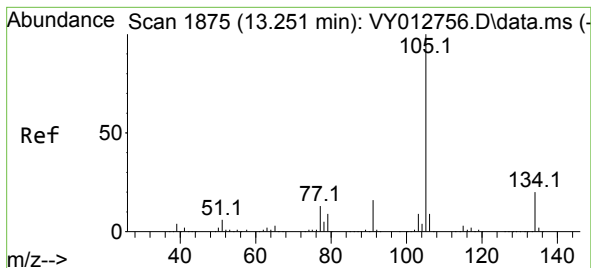
Tgt Ion:119 Resp: 80972
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.3
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.984 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion:105 Resp: 93369
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.832 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

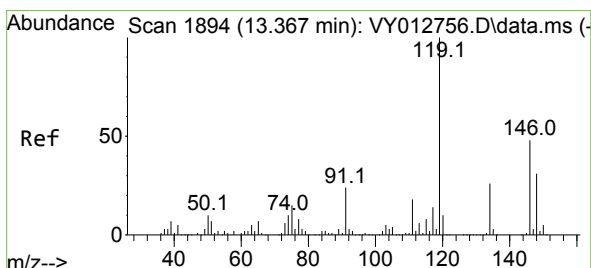
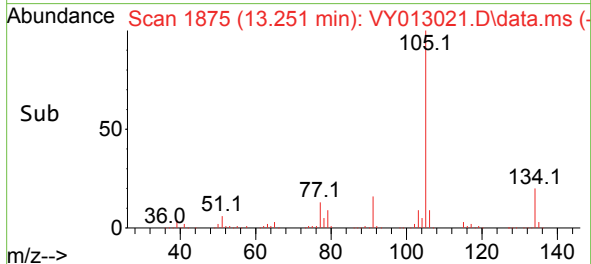
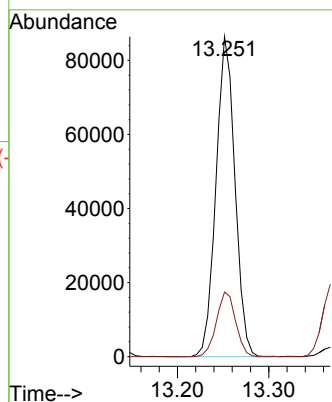
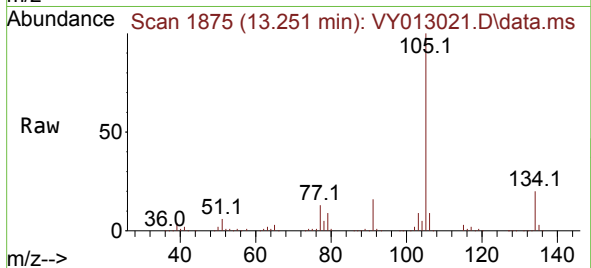
VY0321SBS01

Tgt Ion:105 Resp: 124819

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.788 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

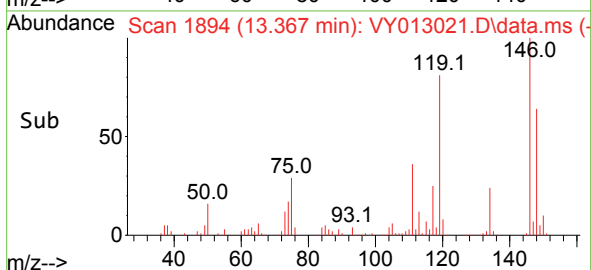
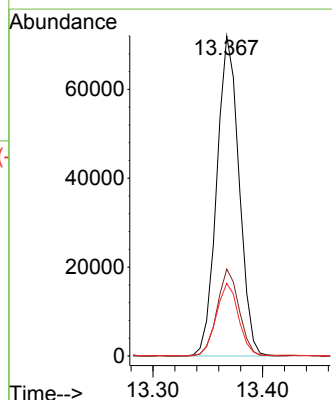
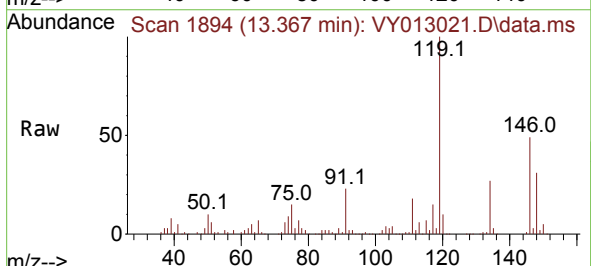
Tgt Ion:119 Resp: 101798

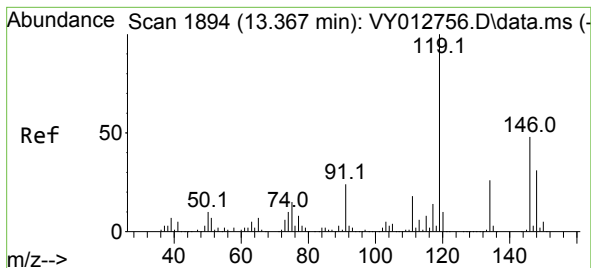
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.466 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

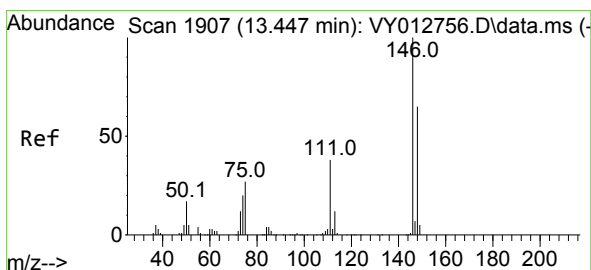
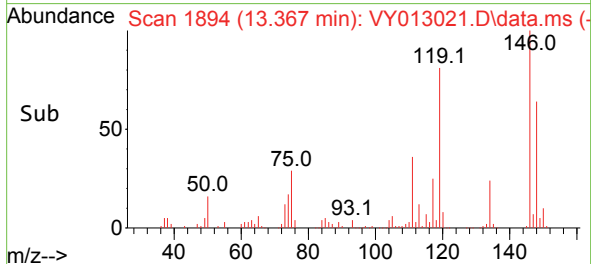
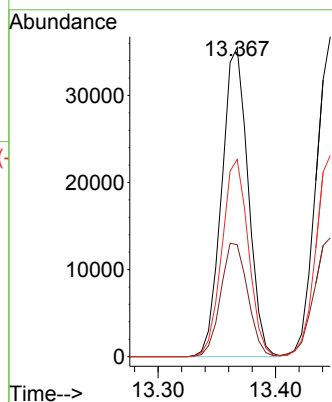
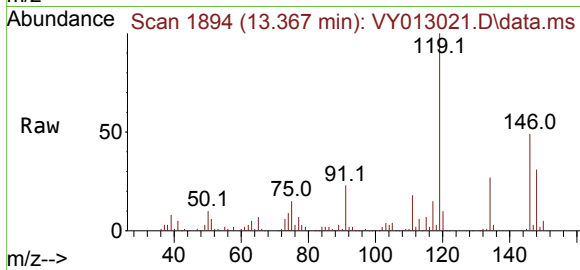
Tgt Ion:146 Resp: 55456

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.034 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

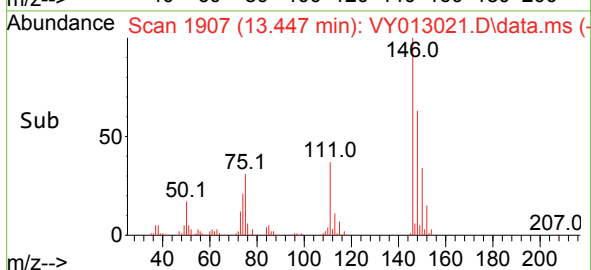
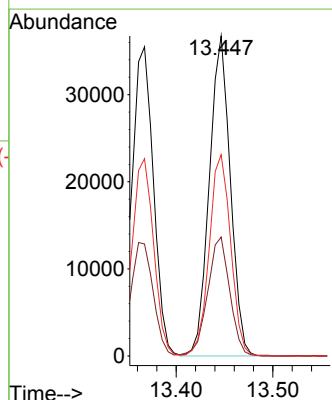
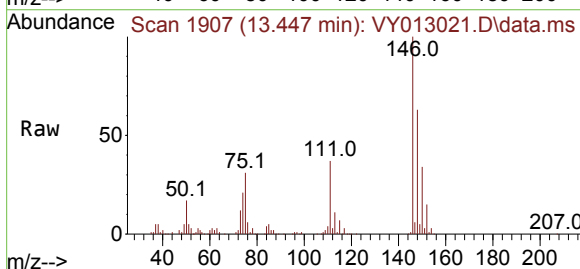
Tgt Ion:146 Resp: 55459

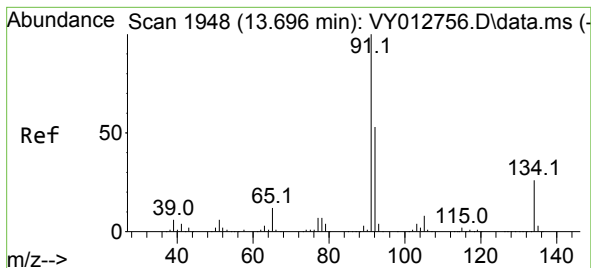
Ion Ratio Lower Upper

146 100

111 39.2 18.6 55.8

148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 20.685 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

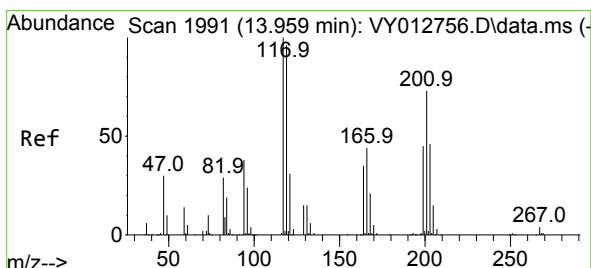
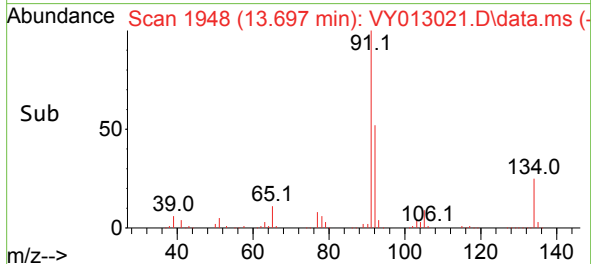
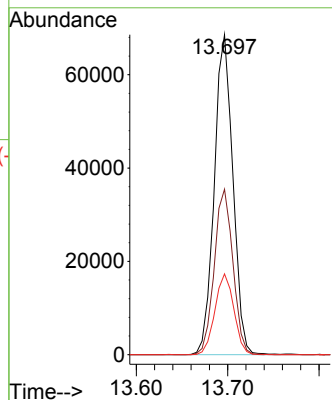
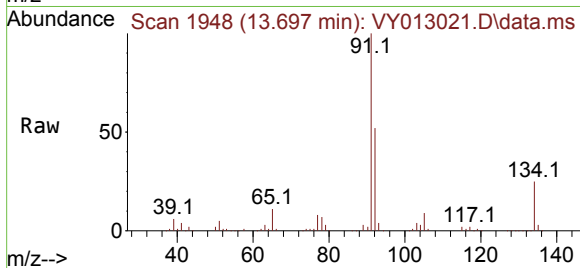
Tgt Ion: 91 Resp: 96970

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 20.533 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013021.D

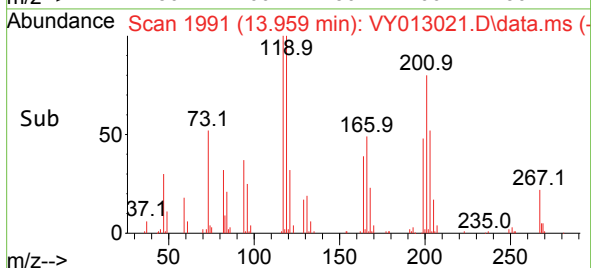
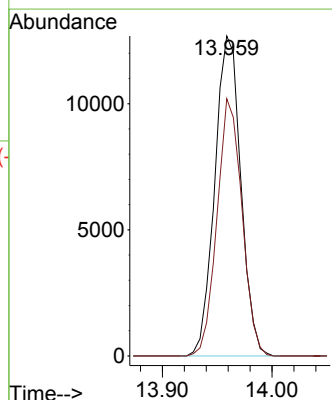
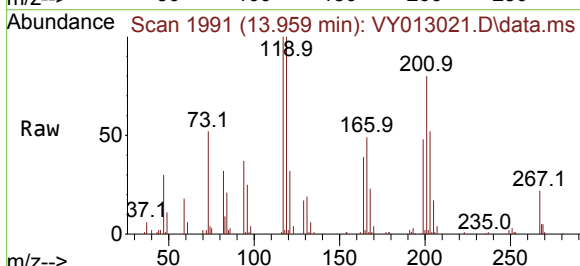
Acq: 21 Mar 2023 12:50

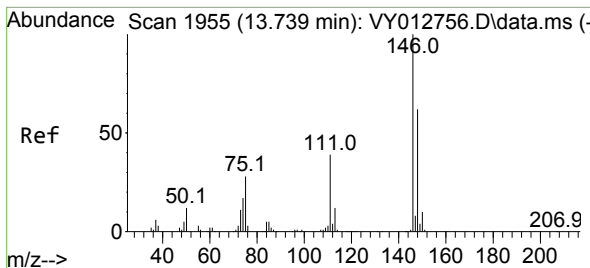
Tgt Ion: 117 Resp: 20942

Ion Ratio Lower Upper

117 100

201 77.0 39.4 118.1

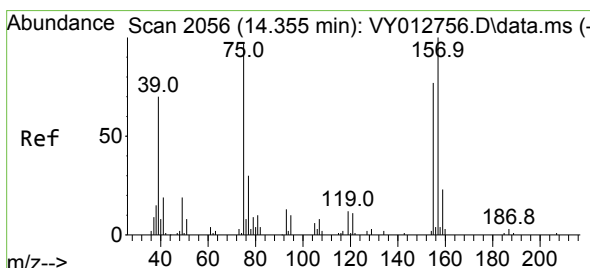
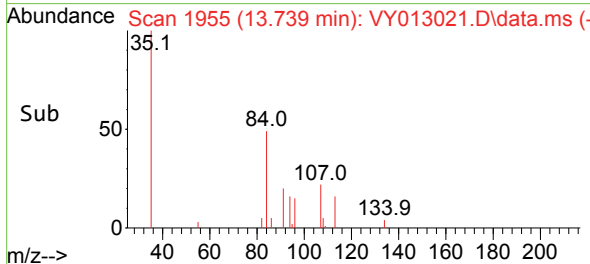
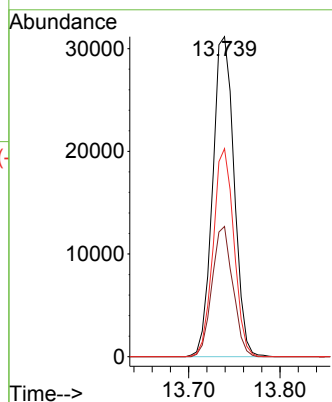
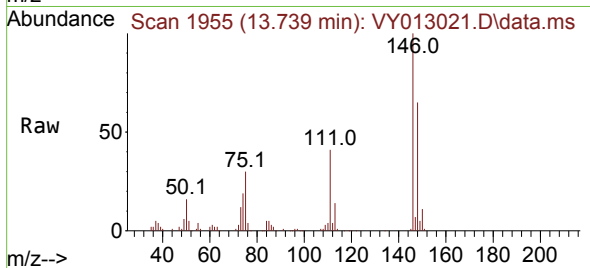




#91
1,2-Dichlorobenzene
Concen: 21.769 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

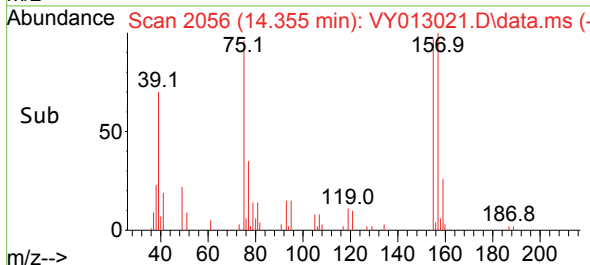
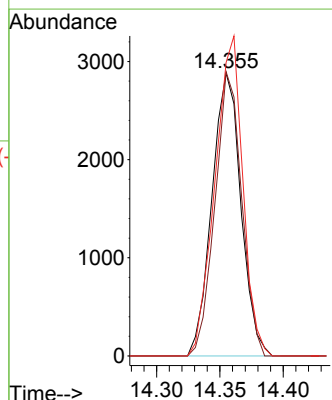
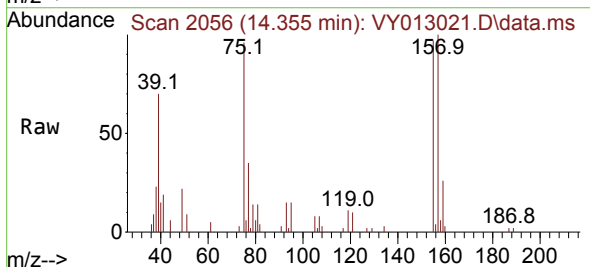
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

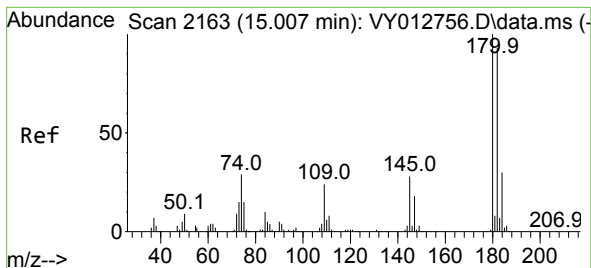
Tgt Ion:146 Resp: 50837
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 62.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.894 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013021.D
Acq: 21 Mar 2023 12:50

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
155 92.6 43.8 131.4
157 108.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.117 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

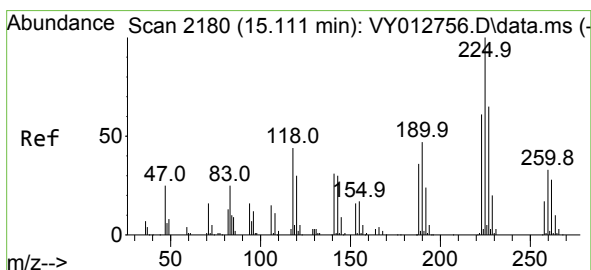
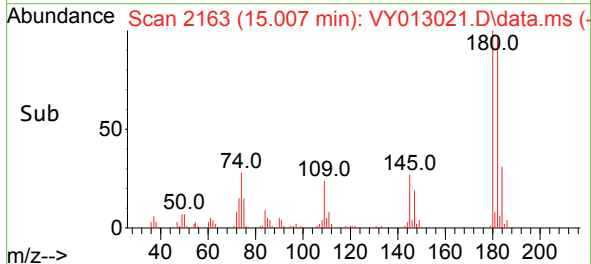
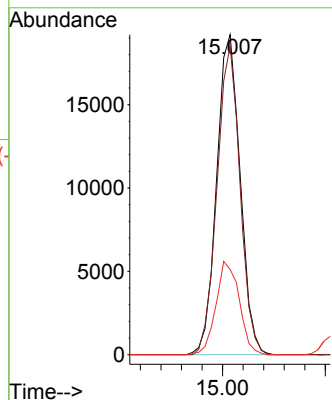
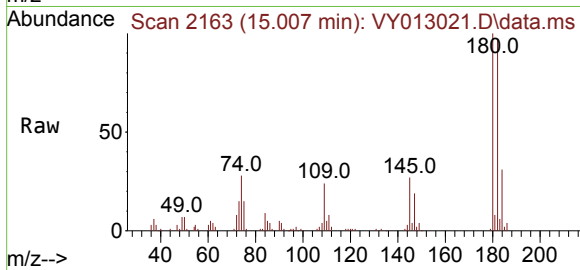
Tgt Ion:180 Resp: 30364

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.851 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

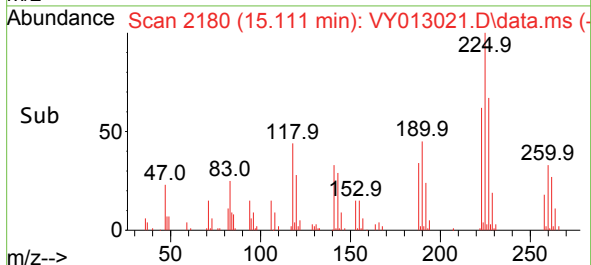
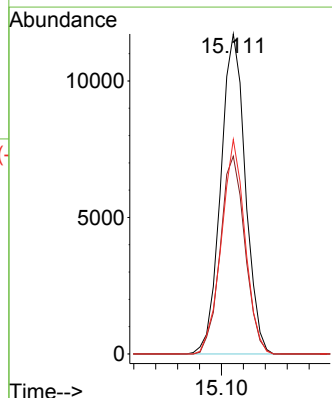
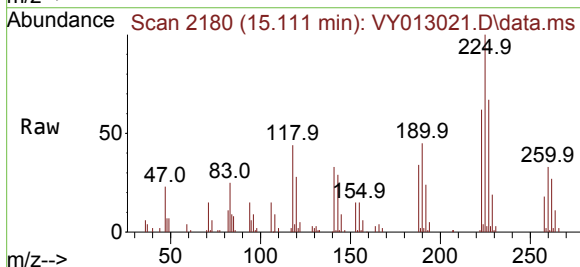
Tgt Ion:225 Resp: 18286

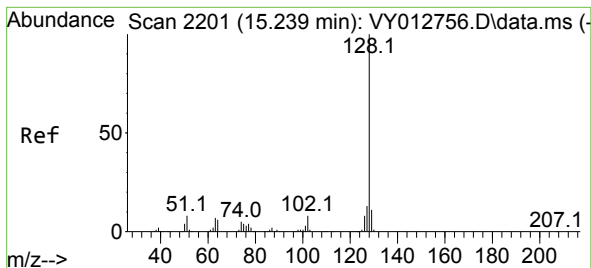
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.807 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

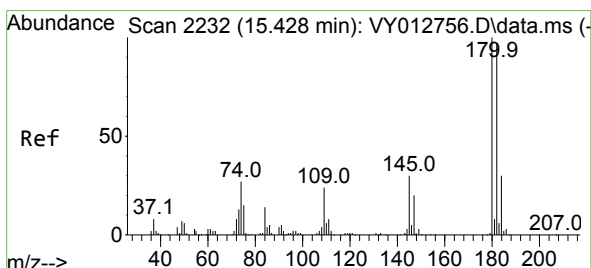
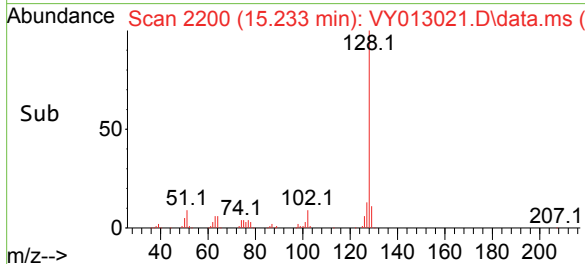
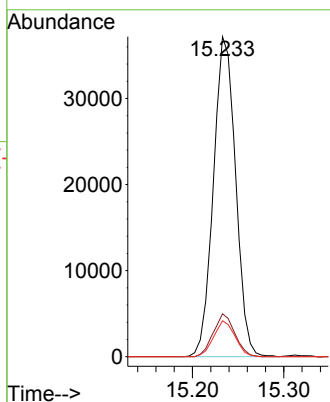
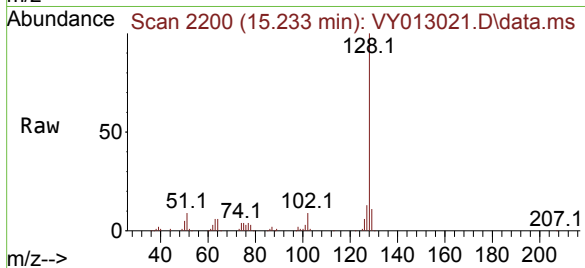
Tgt Ion:128 Resp: 62834

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.598 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013021.D

Acq: 21 Mar 2023 12:50

Tgt Ion:180 Resp: 27620

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 31.4 15.3 45.8

