

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012952.D
 Acq On : 15 Mar 2023 11:05
 Operator : KP/MD
 Sample : VY0315SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

Quant Time: Mar 16 00:17:12 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	97766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44101	45.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.716	113	43266	48.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.179	98	148973	45.265	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.483	95	53589	48.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	20086	20.844	ug/l	95
3) Chloromethane	2.113	50	22646	19.658	ug/l	99
4) Vinyl Chloride	2.253	62	21556	20.405	ug/l	98
5) Bromomethane	2.643	94	13387	20.855	ug/l	97
6) Chloroethane	2.790	64	13808	21.825	ug/l	99
7) Trichlorofluoromethane	3.125	101	37963	21.637	ug/l	94
8) Diethyl Ether	3.527	74	12658	20.587	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	22874	21.669	ug/l	96
10) Methyl Iodide	4.094	142	26694	19.408	ug/l	95
11) Tert butyl alcohol	4.954	59	14078	115.246	ug/l	97
12) 1,1-Dichloroethene	3.875	96	21723	21.577	ug/l	98
13) Acrolein	3.729	56	13807	81.187	ug/l	99
14) Allyl chloride	4.478	41	36132	19.429	ug/l	98
15) Acrylonitrile	5.161	53	33528	103.493	ug/l	99
16) Acetone	3.942	43	39517	103.718	ug/l	97
17) Carbon Disulfide	4.192	76	66359	19.364	ug/l	98
18) Methyl Acetate	4.485	43	21497	18.947	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	54324	20.890	ug/l	97
20) Methylene Chloride	4.716	84	27630	20.606	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	22971	20.996	ug/l	98
22) Diisopropyl ether	6.118	45	70411	20.845	ug/l	95
23) Vinyl Acetate	6.064	43	214482	102.195	ug/l	100
24) 1,1-Dichloroethane	6.021	63	41453	21.537	ug/l	99
25) 2-Butanone	6.984	43	49320	104.513	ug/l	97
26) 2,2-Dichloropropane	6.984	77	37399	21.877	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25622	21.844	ug/l	97
28) Bromochloromethane	7.338	49	15519	22.063	ug/l	98
29) Tetrahydrofuran	7.344	42	28872	101.442	ug/l	98
30) Chloroform	7.508	83	42108	22.148	ug/l	100
31) Cyclohexane	7.783	56	36450	19.607	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	38003	22.104	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32114	21.287	ug/l	99
37) Ethyl Acetate	7.076	43	19282	20.279	ug/l	99
38) Carbon Tetrachloride	7.899	117	35700	22.916	ug/l	94
39) Methylcyclohexane	9.185	83	36660	20.440	ug/l	97
40) Benzene	8.161	78	93675	21.951	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11807	23.047	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	28354	22.100	ug/l	99
43) Isopropyl Acetate	8.277	43	35256	20.782	ug/l	97
44) Trichloroethene	8.941	130	24775	22.020	ug/l	92
45) 1,2-Dichloropropane	9.215	63	23445	21.739	ug/l	94
46) Dibromomethane	9.307	93	13959	22.719	ug/l	98
47) Bromodichloromethane	9.496	83	32500	22.446	ug/l	94
48) Methyl methacrylate	9.295	41	15916	20.361	ug/l	96
49) 1,4-Dioxane	9.295	88	3474	437.369	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	98519	107.061	ug/l	100
52) Toluene	10.246	92	56960	22.132	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	33135	21.818	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	37526	21.830	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	19113	22.337	ug/l	97
56) Ethyl methacrylate	10.514	69	23987	21.024	ug/l	96
57) 1,3-Dichloropropane	10.788	76	32545	22.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	65768	109.805	ug/l	100
59) 2-Hexanone	10.831	43	72005	107.664	ug/l	100
60) Dibromochloromethane	10.983	129	23779	22.829	ug/l	100
61) 1,2-Dibromoethane	11.093	107	18031	21.875	ug/l	99
64) Tetrachloroethene	10.721	164	22477	23.034	ug/l	96
65) Chlorobenzene	11.520	112	62198	22.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23676	22.747	ug/l	100
67) Ethyl Benzene	11.593	91	108193	21.877	ug/l	98
68) m/p-Xylenes	11.703	106	84590	44.462	ug/l	99
69) o-Xylene	12.032	106	39519	22.257	ug/l	95
70) Styrene	12.044	104	67272	22.704	ug/l	100
71) Bromoform	12.209	173	15517	22.865	ug/l #	94
73) Isopropylbenzene	12.331	105	104691	20.755	ug/l	100
74) N-amyl acetate	12.142	43	30317	19.102	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	23871	21.052	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	30228	35.565	ug/l #	100
77) Bromobenzene	12.611	156	25625	20.912	ug/l	98
78) n-propylbenzene	12.672	91	132039	21.232	ug/l	99
79) 2-Chlorotoluene	12.757	91	73813	21.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	88677	21.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8278	20.181	ug/l	98
82) 4-Chlorotoluene	12.855	91	75963	21.231	ug/l	98
83) tert-Butylbenzene	13.074	119	76182	21.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	88138	21.653	ug/l	100
85) sec-Butylbenzene	13.257	105	117161	21.375	ug/l	99
86) p-Isopropyltoluene	13.373	119	95697	21.362	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	51347	21.726	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	51306	21.271	ug/l	98
89) n-Butylbenzene	13.696	91	89615	20.896	ug/l	99
90) Hexachloroethane	13.958	117	20515	21.987	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	46294	21.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3769	20.567	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	26687	20.288	ug/l	97
94) Hexachlorobutadiene	15.111	225	17270	21.526	ug/l	99
95) Naphthalene	15.239	128	50661	19.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	24165	20.656	ug/l	98

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

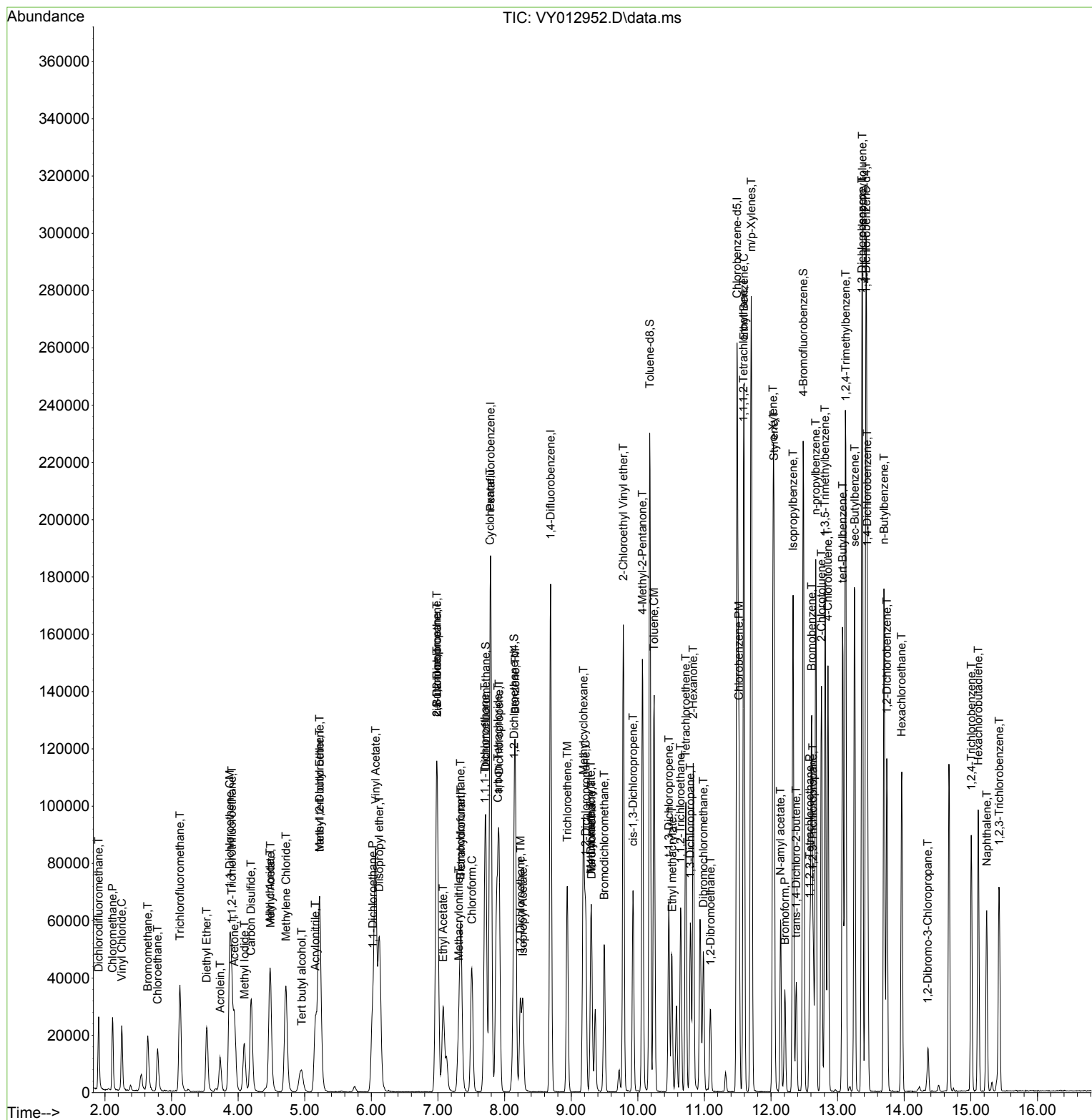
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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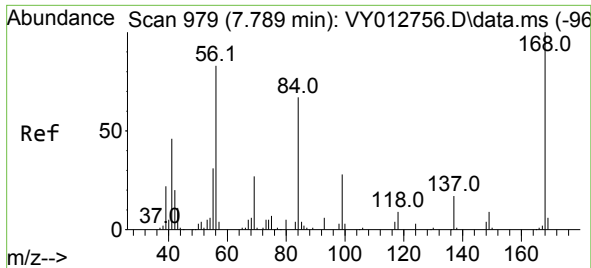
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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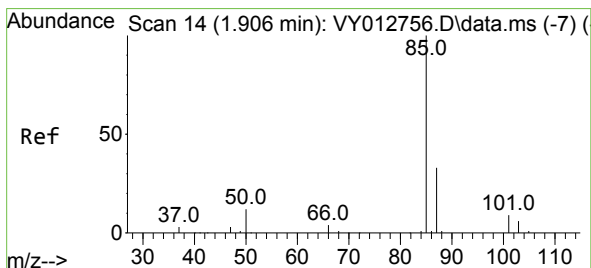
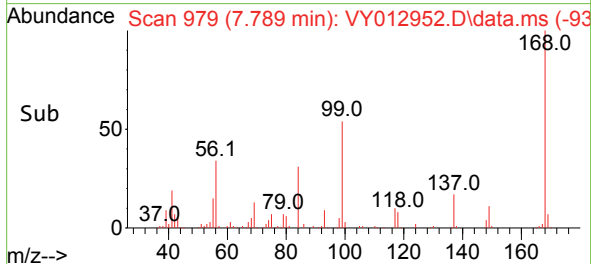
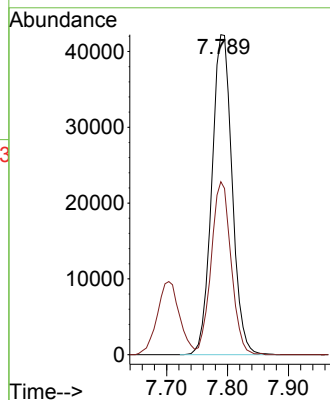
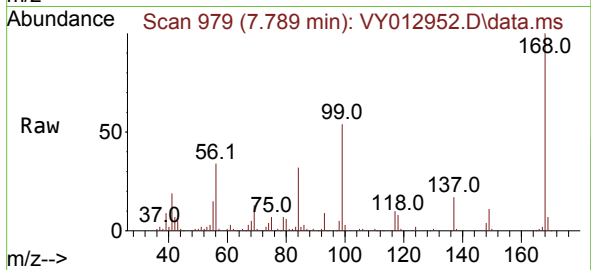




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012952.D
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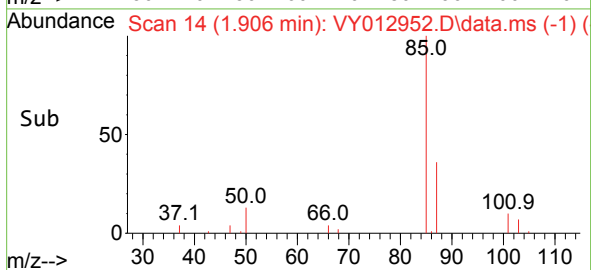
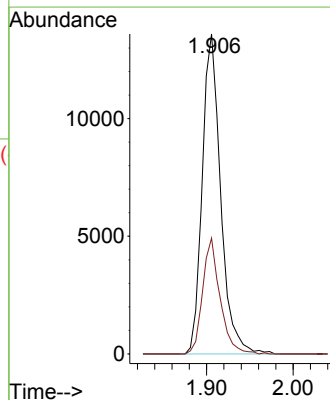
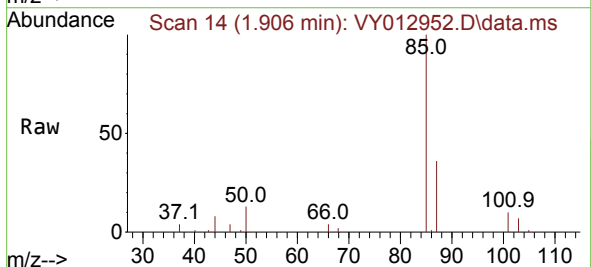
Instrument :
MSVOA_Y
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VY0315SBS01

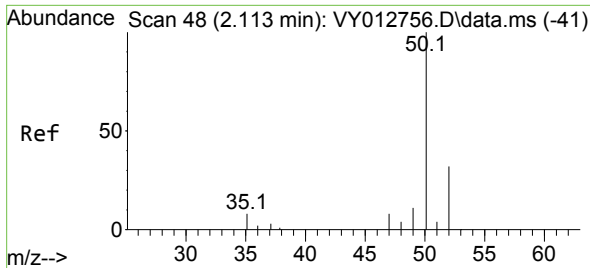
Tgt Ion:168 Resp: 97766
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 85 Resp: 20086
Ion Ratio Lower Upper
85 100
87 36.2 16.7 50.0

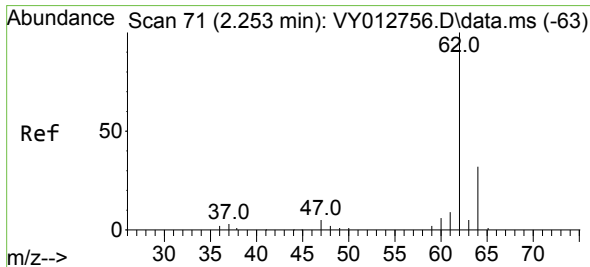
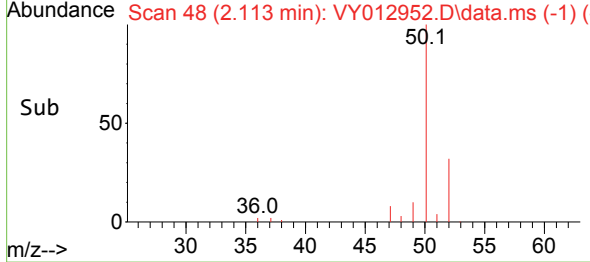
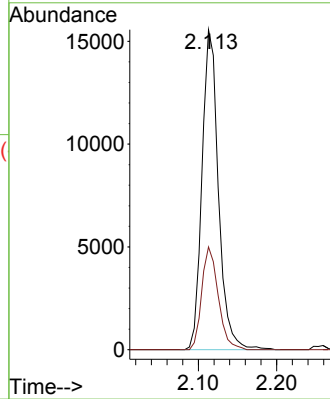
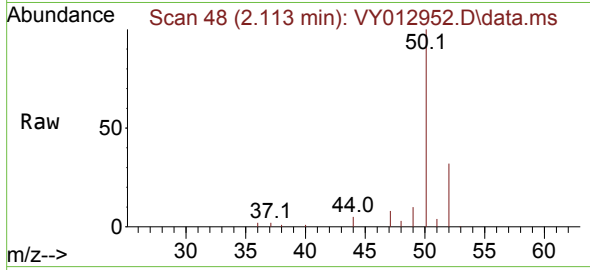




#3
Chloromethane
Concen: 19.658 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

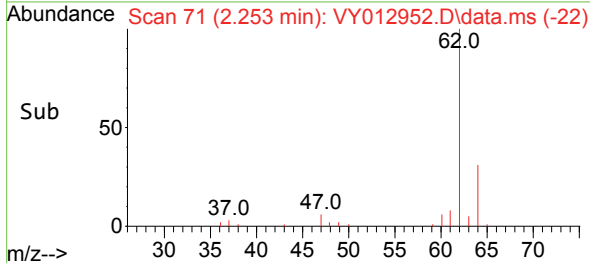
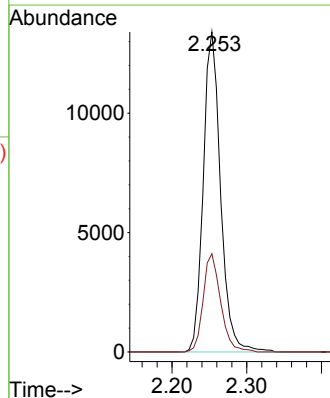
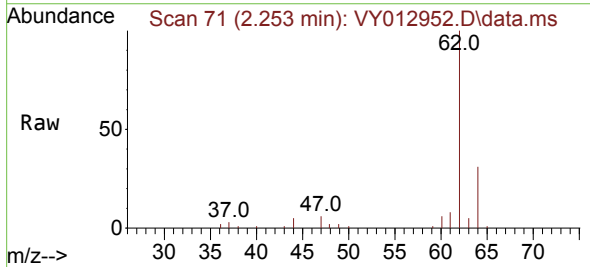
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

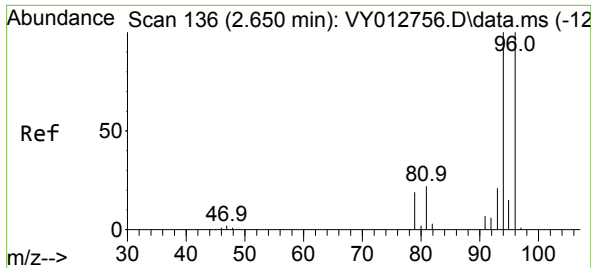
Tgt Ion: 50 Resp: 22646
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 20.405 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 62 Resp: 21556
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5

Bromomethane

Concen: 20.855 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

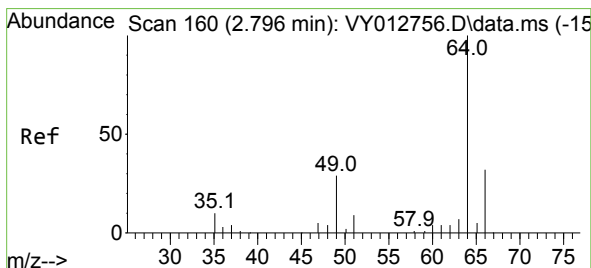
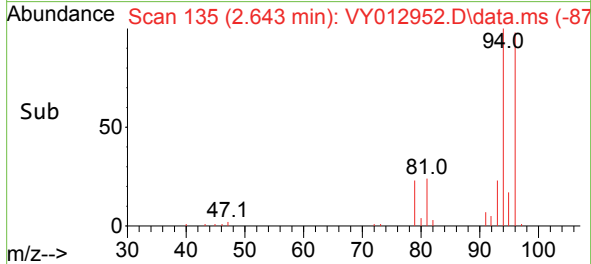
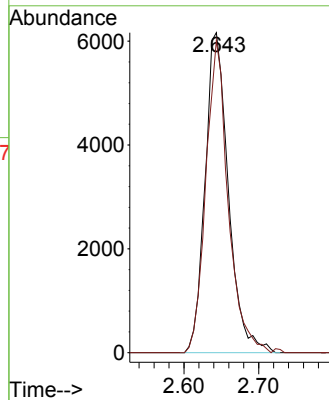
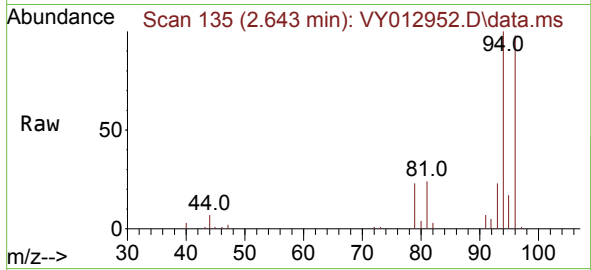
VY0315SBS01

Tgt Ion: 94 Resp: 13387

Ion Ratio Lower Upper

94 100

96 97.6 80.3 120.5



#6

Chloroethane

Concen: 21.825 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012952.D

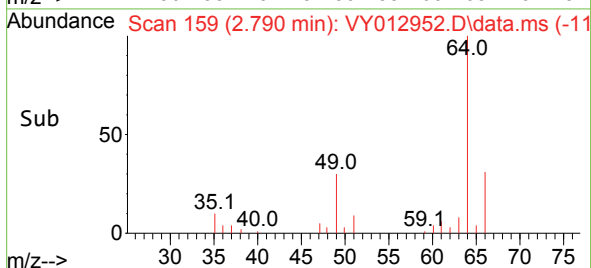
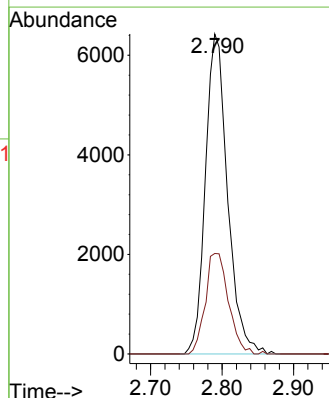
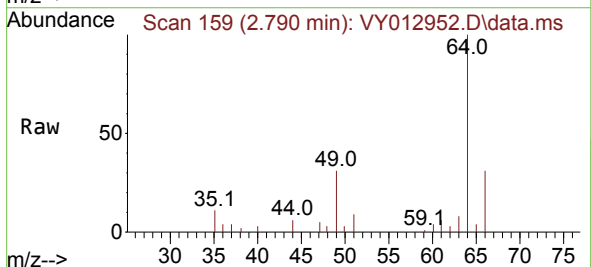
Acq: 15 Mar 2023 11:05

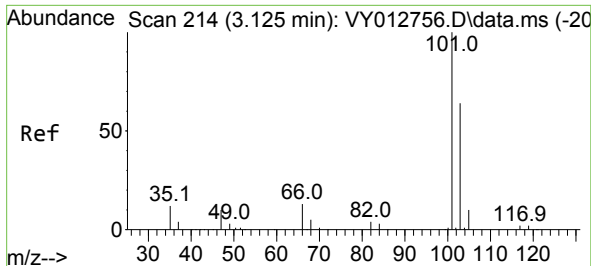
Tgt Ion: 64 Resp: 13808

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5

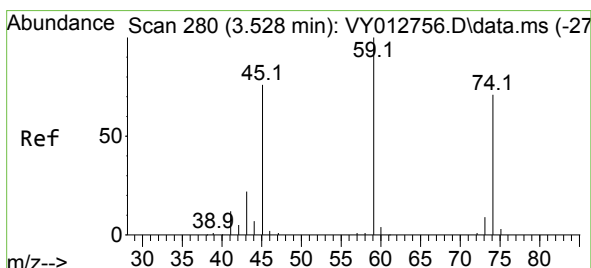
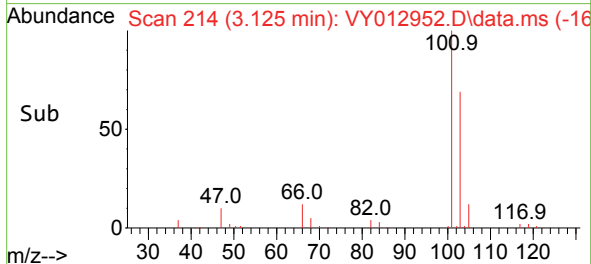
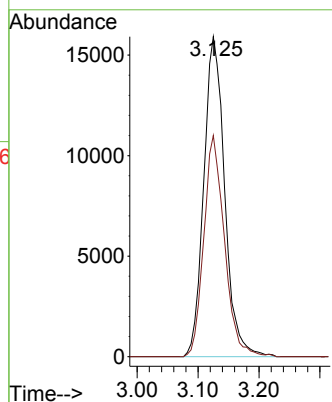
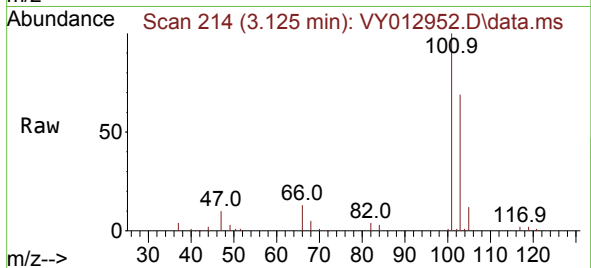




#7
 Trichlorofluoromethane
 Concen: 21.637 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

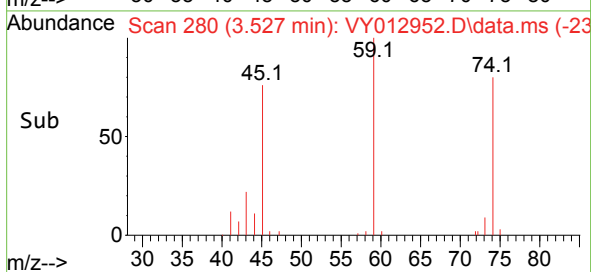
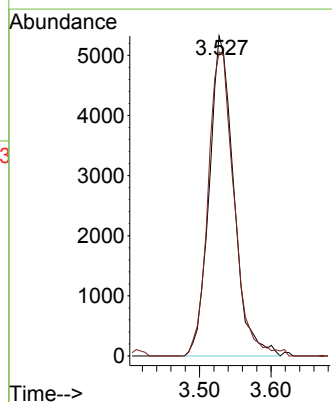
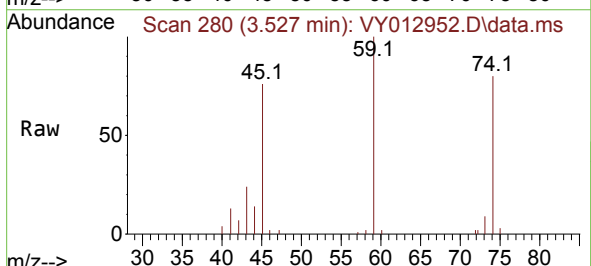
Instrument :
 MSVOA_Y
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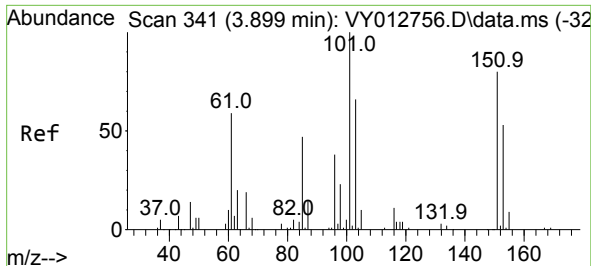
Tgt Ion:101 Resp: 37963
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.587 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

Tgt Ion: 74 Resp: 12658
 Ion Ratio Lower Upper
 74 100
 45 100.7 52.1 156.4

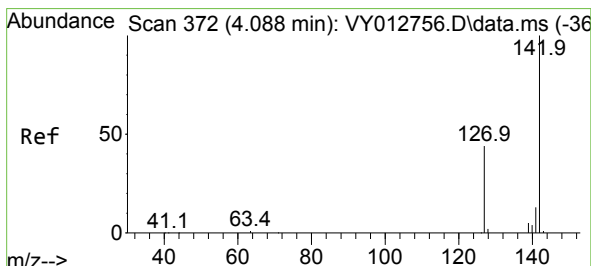
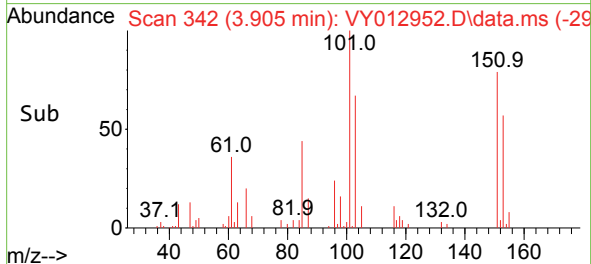
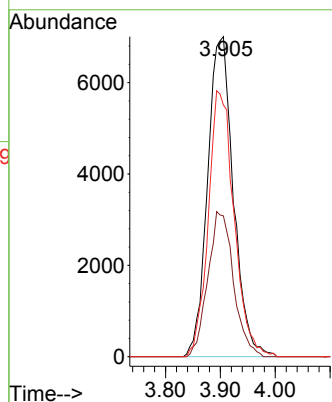
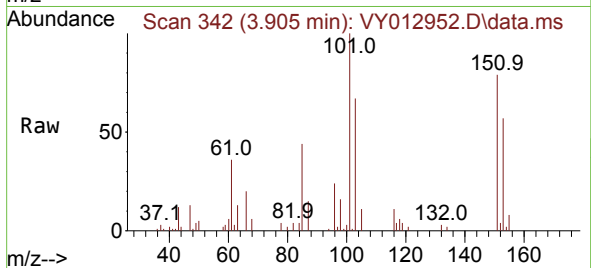




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.669 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

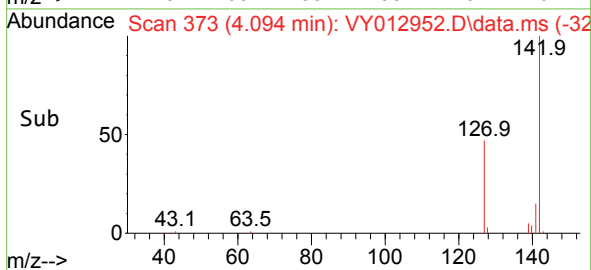
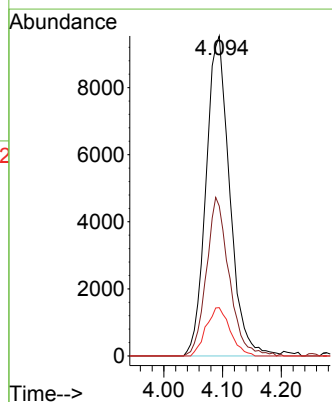
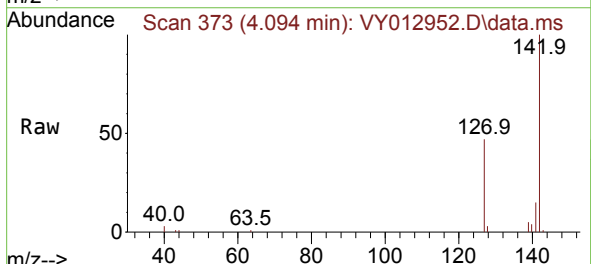
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

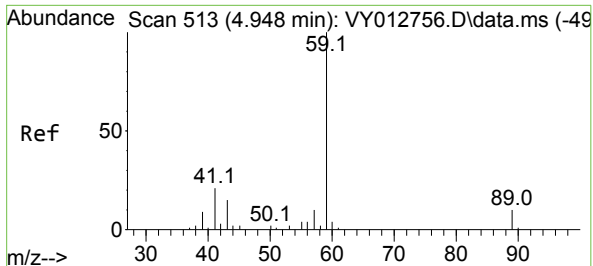
Tgt Ion:101 Resp: 22874
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 83.1 63.1 94.7



#10
Methyl Iodide
Concen: 19.408 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion:142 Resp: 26694
Ion Ratio Lower Upper
142 100
127 47.8 35.4 53.2
141 15.4 11.3 16.9

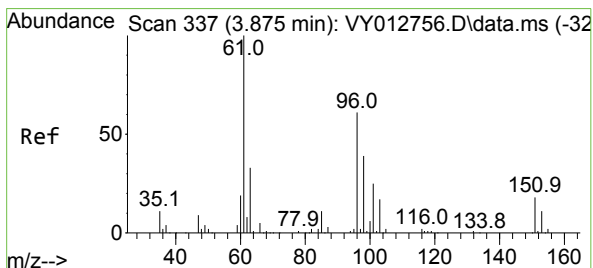
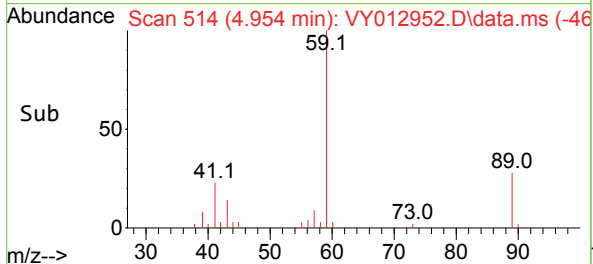
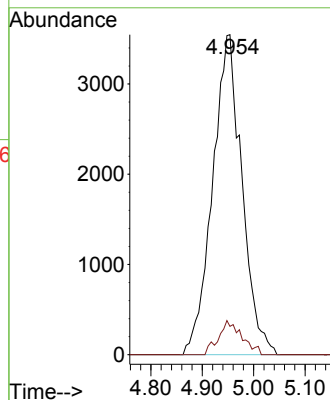
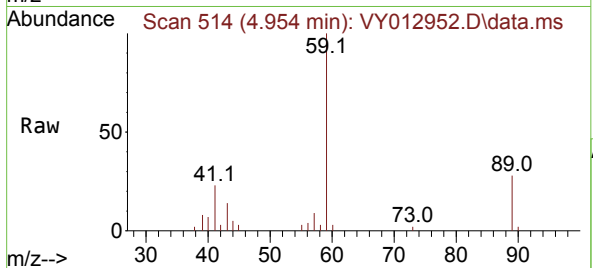




#11
Tert butyl alcohol
Concen: 115.246 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

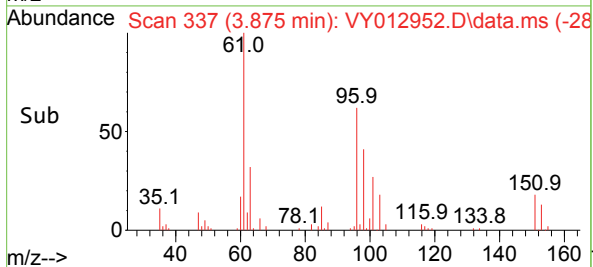
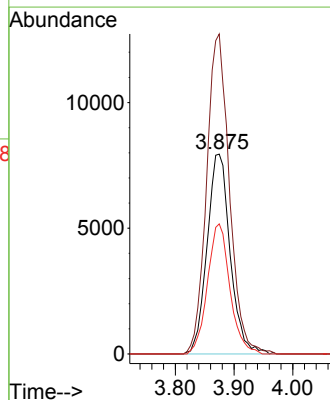
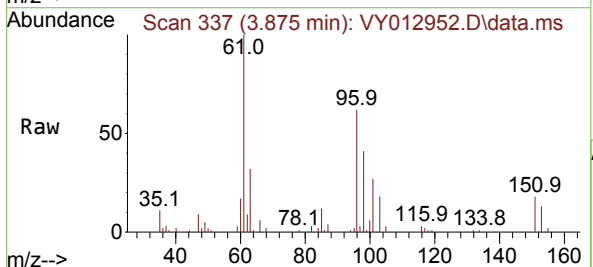
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

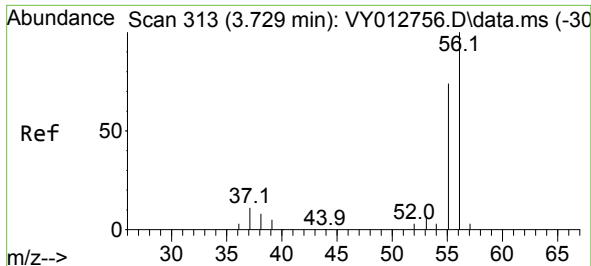
Tgt Ion: 59 Resp: 14078
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.577 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 96 Resp: 21723
Ion Ratio Lower Upper
96 100
61 160.2 131.7 197.5
98 65.1 52.0 78.0





#13

Acrolein

Concen: 81.187 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

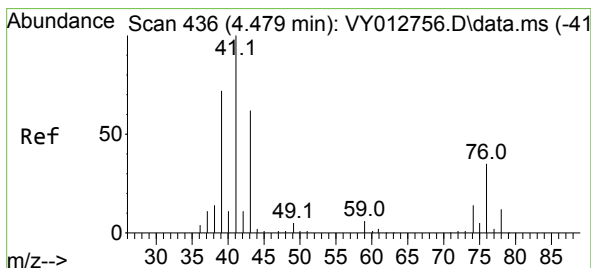
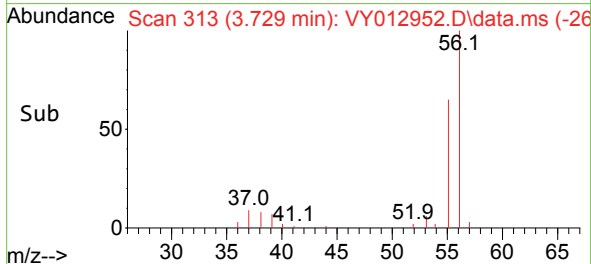
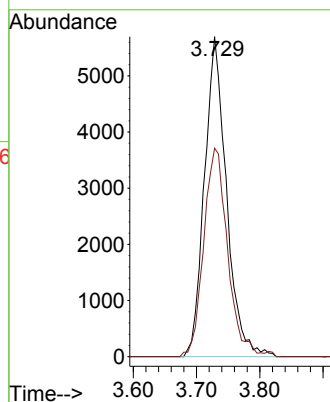
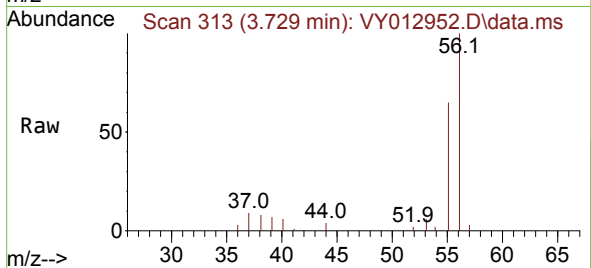
VY0315SBS01

Tgt Ion: 56 Resp: 13807

Ion Ratio Lower Upper

56 100

55 70.5 56.8 85.2



#14

Allyl chloride

Concen: 19.429 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

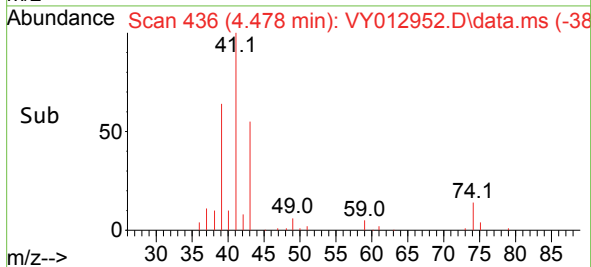
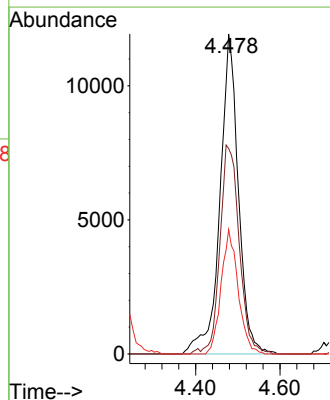
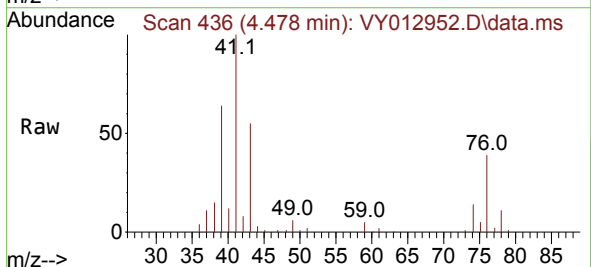
Tgt Ion: 41 Resp: 36132

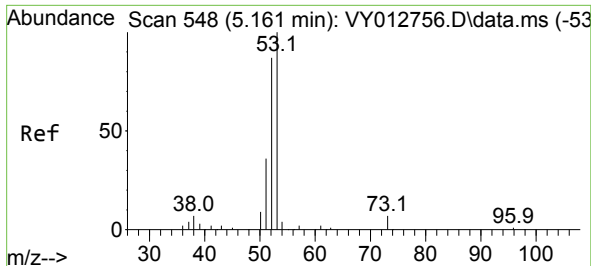
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 35.8 27.2 40.8

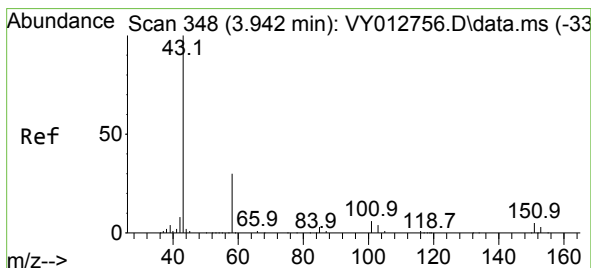
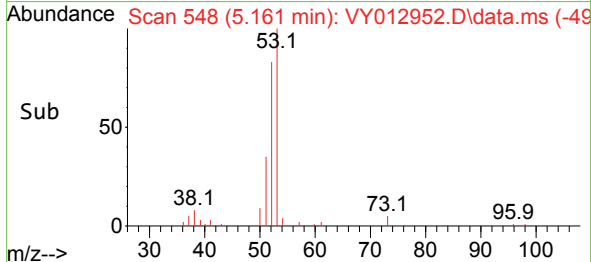
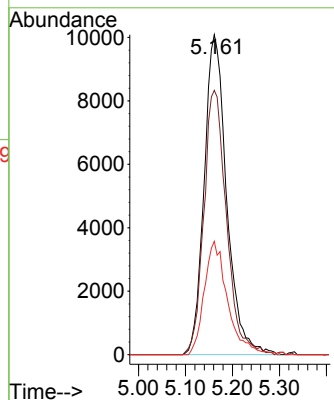
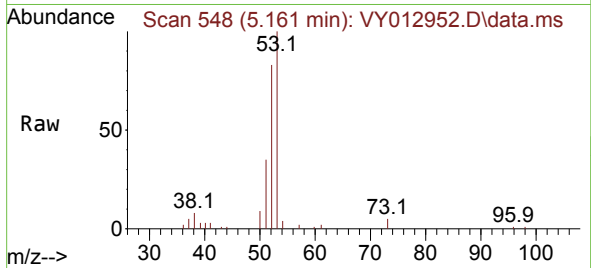




#15
Acrylonitrile
Concen: 103.493 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

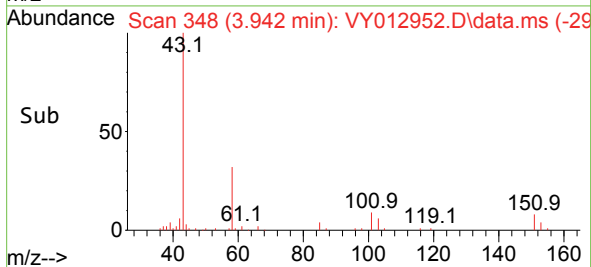
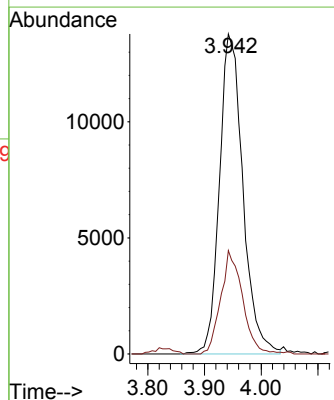
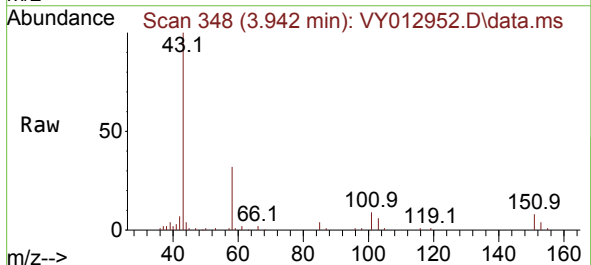
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

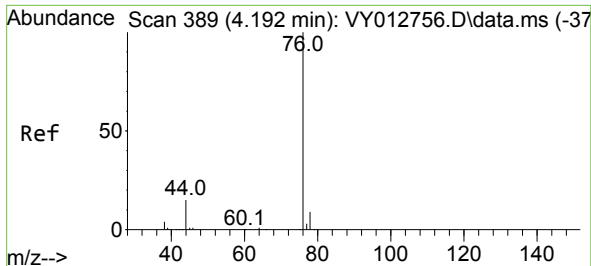
Tgt Ion: 53	Resp:	33528	
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.8	28.8	43.2



#16
Acetone
Concen: 103.718 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 43	Resp: 39517
Ion Ratio	Lower Upper
43 100	
58 31.7	24.2 36.2

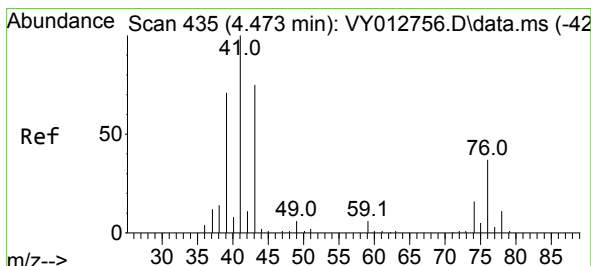
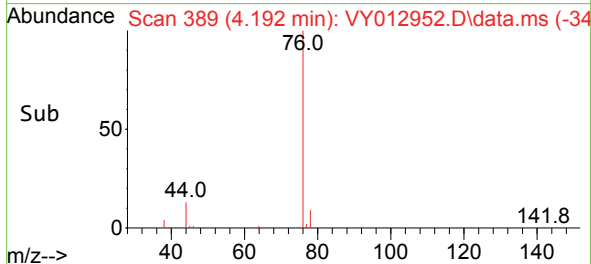
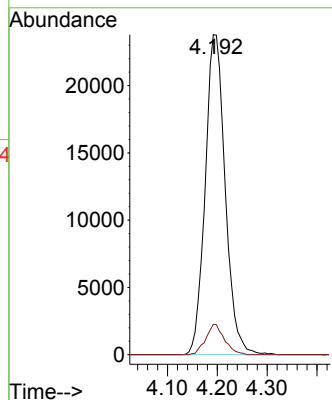
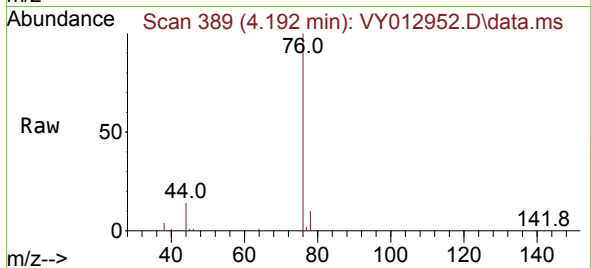




#17
Carbon Disulfide
Concen: 19.364 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

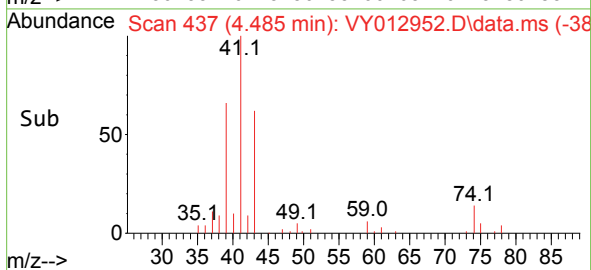
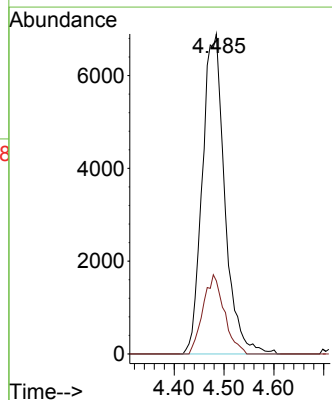
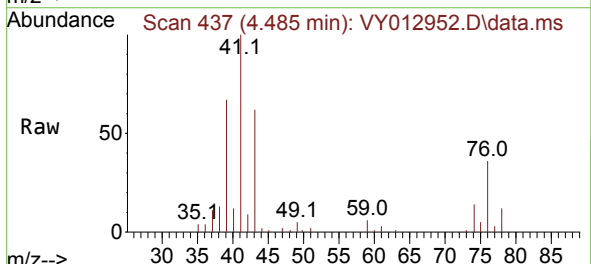
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

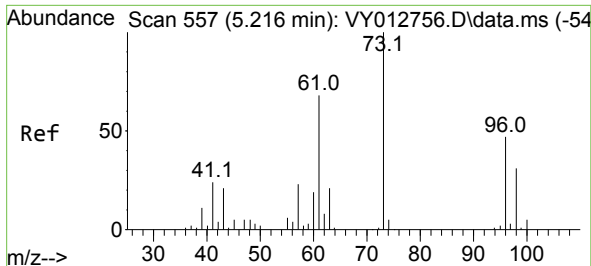
Tgt Ion: 76 Resp: 66359
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 18.947 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 43 Resp: 21497
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.890 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

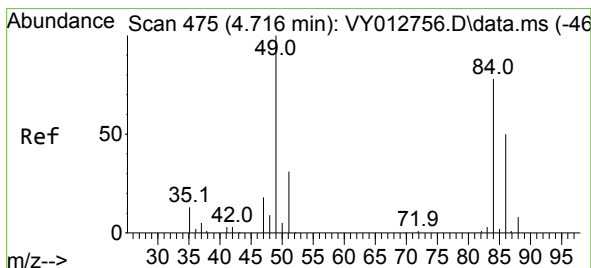
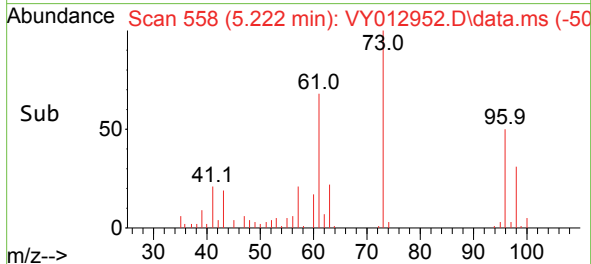
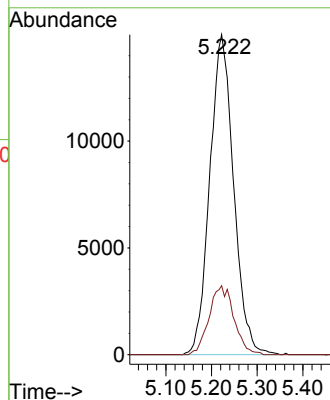
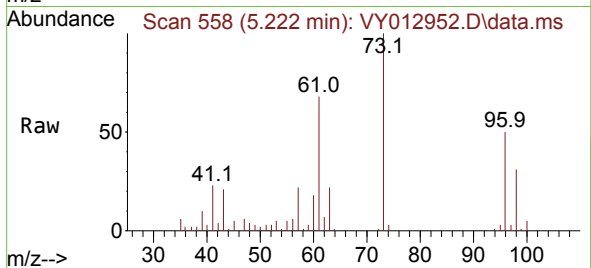
VY0315SBS01

Tgt Ion: 73 Resp: 54324

Ion Ratio Lower Upper

73 100

57 21.5 18.3 27.5



#20

Methylene Chloride

Concen: 20.606 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Tgt Ion: 84 Resp: 27630

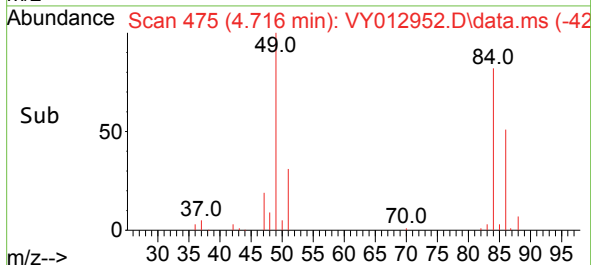
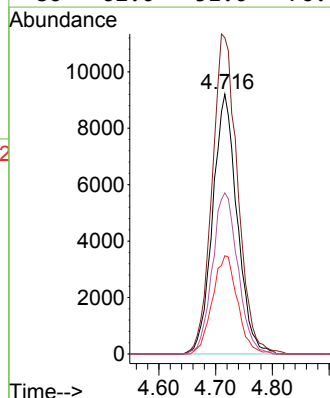
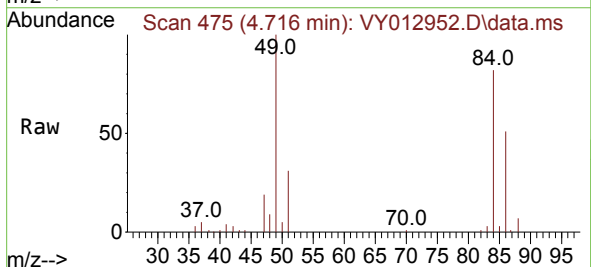
Ion Ratio Lower Upper

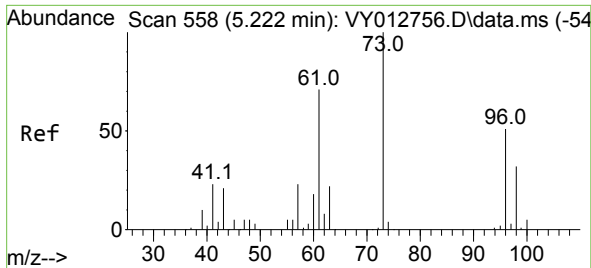
84 100

49 121.8 102.6 154.0

51 37.8 31.9 47.9

86 62.0 51.0 76.6

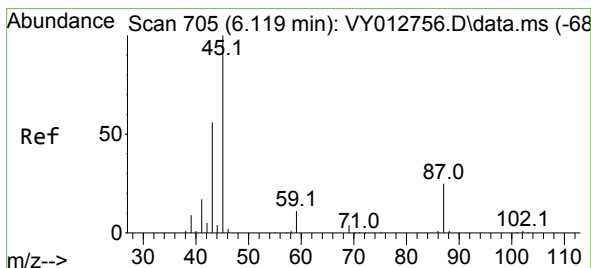
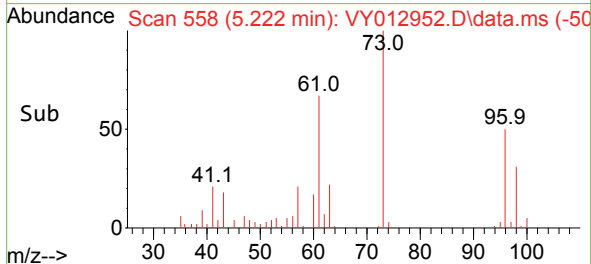
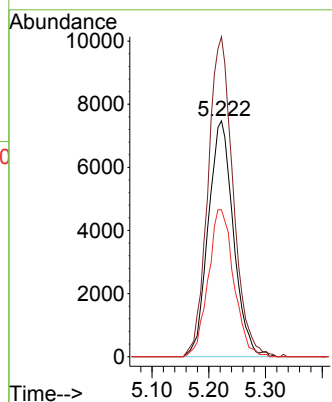
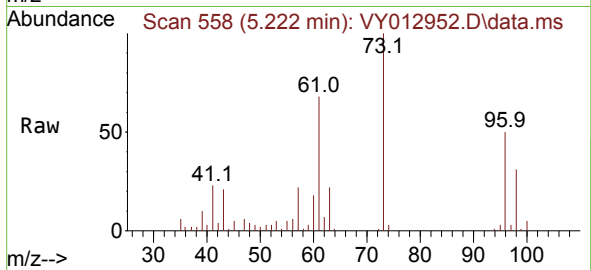




#21
trans-1,2-Dichloroethene
Concen: 20.996 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

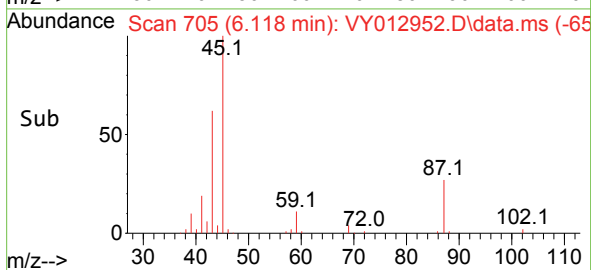
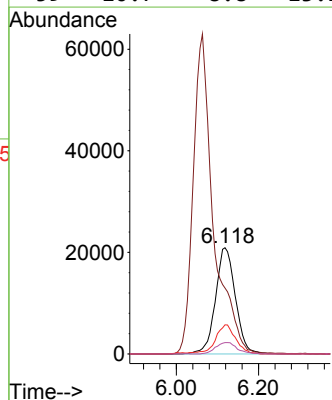
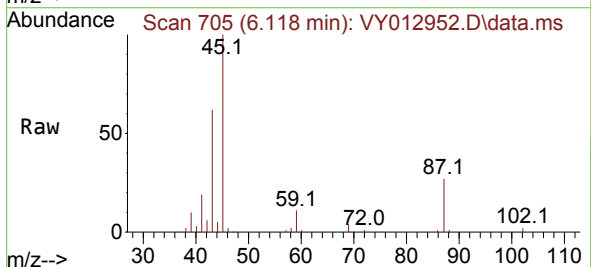
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

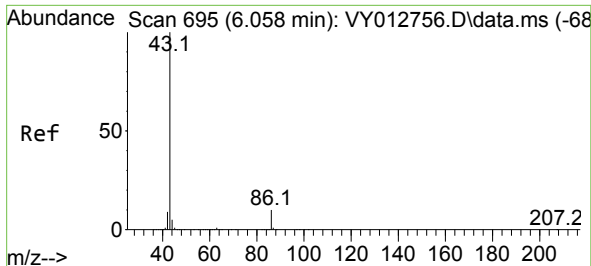
Tgt Ion: 96 Resp: 22971
Ion Ratio Lower Upper
96 100
61 135.7 111.4 167.0
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 45 Resp: 70411
Ion Ratio Lower Upper
45 100
43 61.4 45.0 67.6
87 27.5 20.3 30.5
59 10.7 8.8 13.2

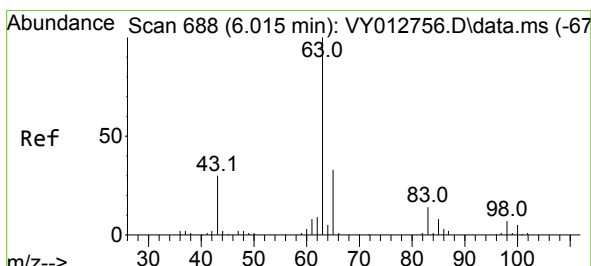
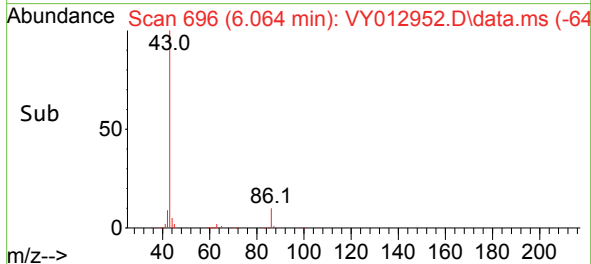
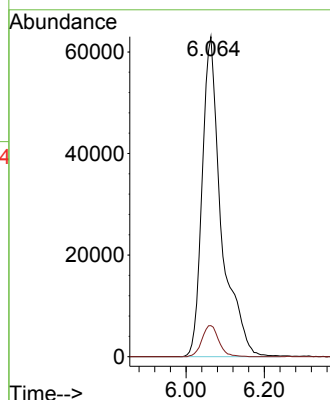
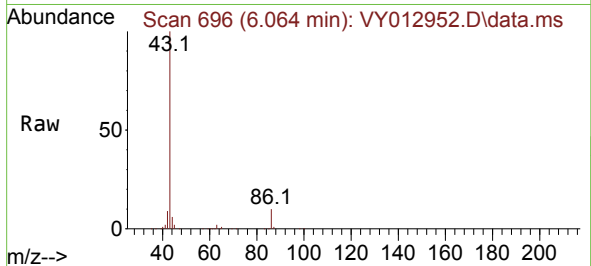




#23
 Vinyl Acetate
 Concen: 102.195 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

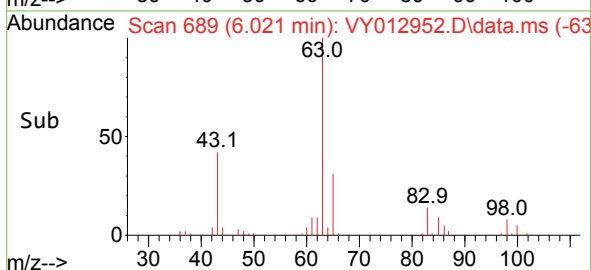
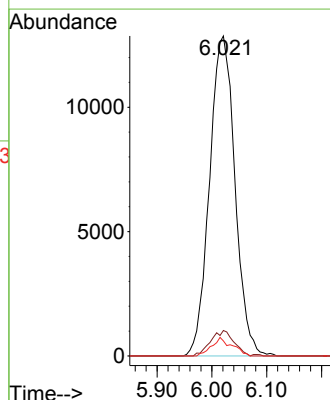
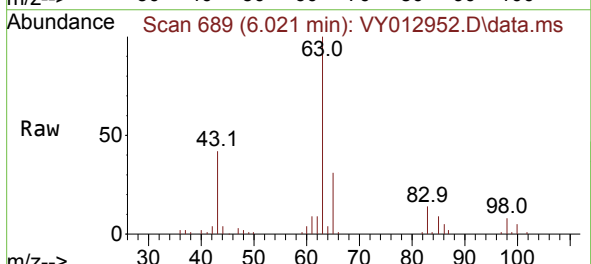
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

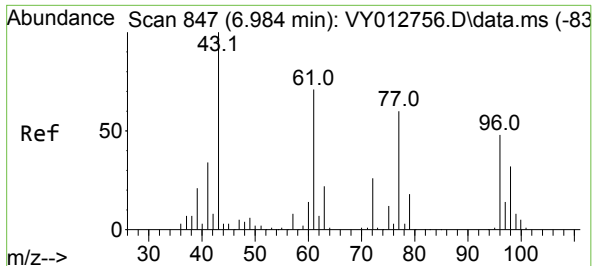
Tgt Ion: 43 Resp: 214482
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.537 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

Tgt Ion: 63 Resp: 41453
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 104.513 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

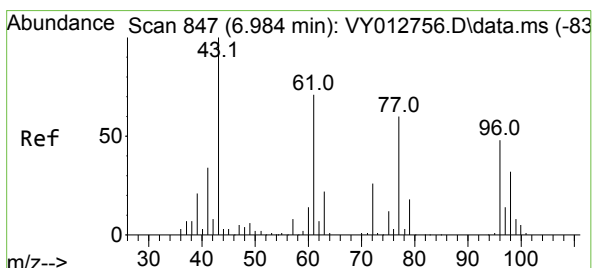
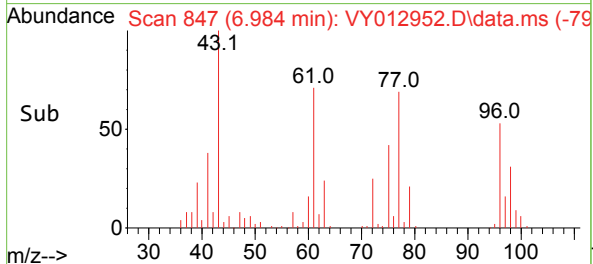
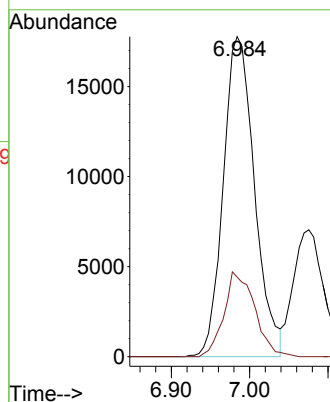
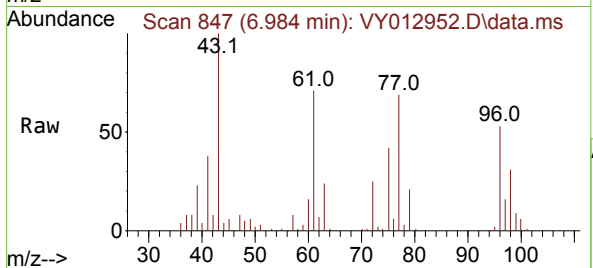
VY0315SBS01

Tgt Ion: 43 Resp: 49320

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.877 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012952.D

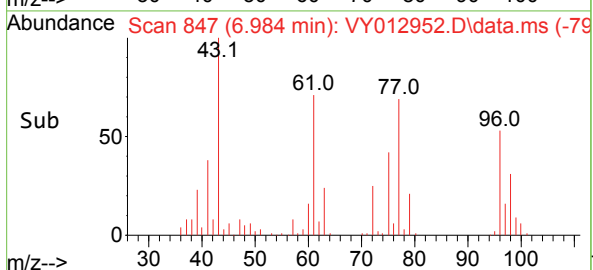
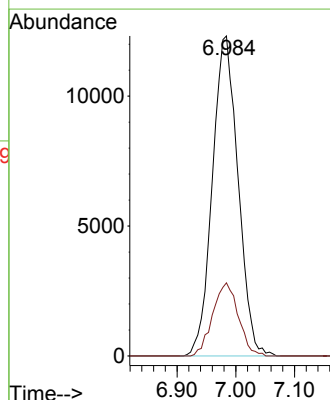
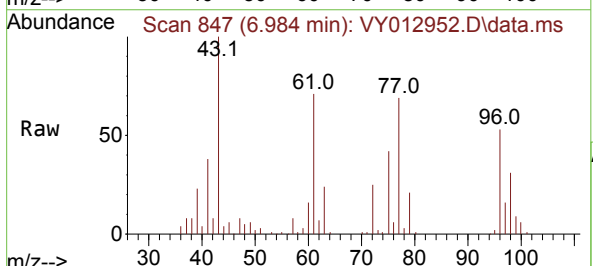
Acq: 15 Mar 2023 11:05

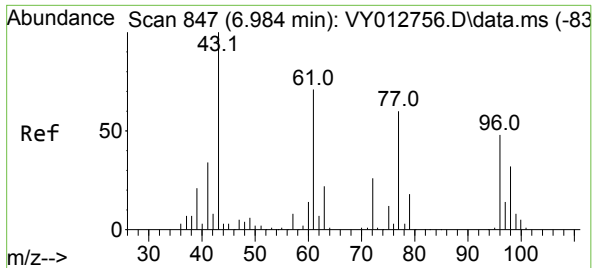
Tgt Ion: 77 Resp: 37399

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0

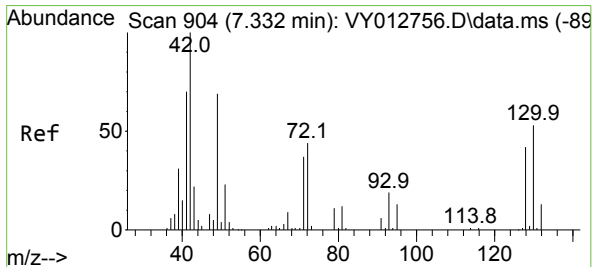
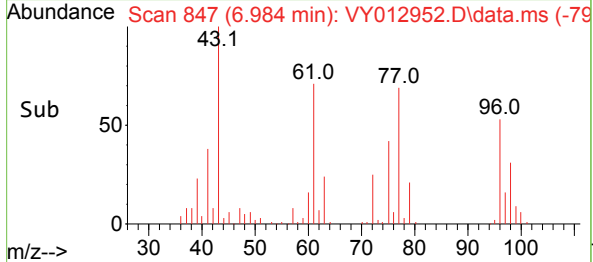
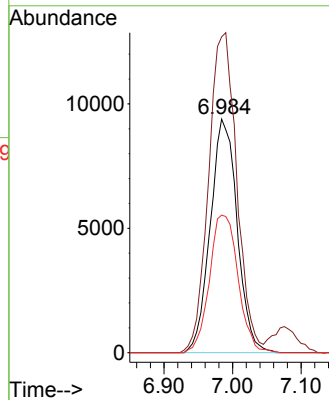
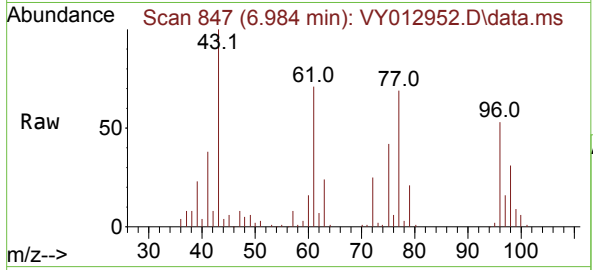




#27
 cis-1,2-Dichloroethene
 Concen: 21.844 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

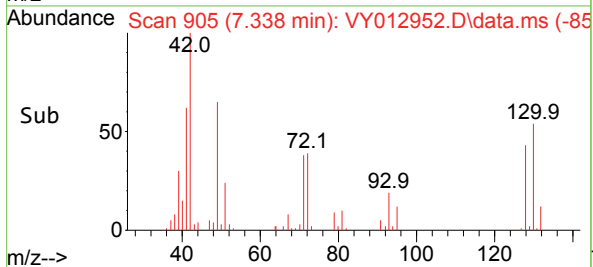
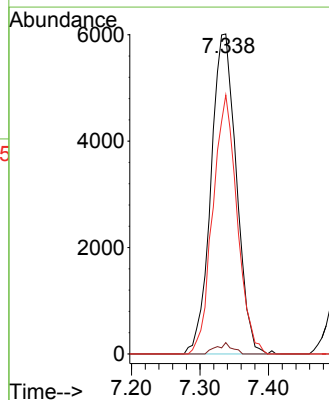
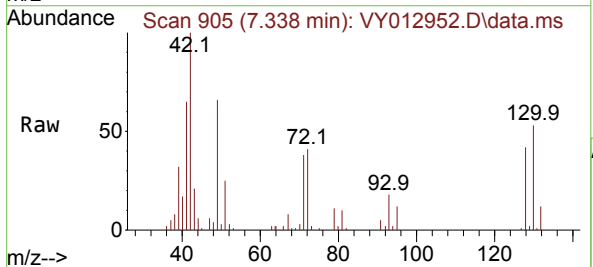
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

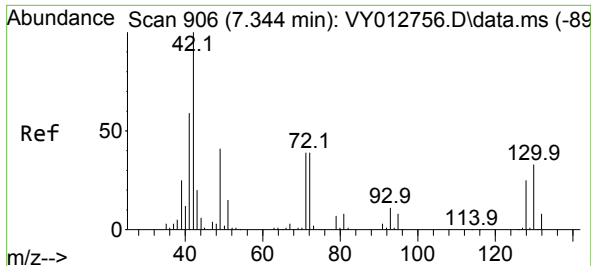
Tgt Ion: 96	Resp: 25622
Ion Ratio	Lower Upper
96 100	
61 143.3	0.0 295.8
98 62.7	0.0 130.2



#28
 Bromochloromethane
 Concen: 22.063 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

Tgt Ion: 49	Resp: 15519
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.2
130 77.3	60.5 90.7





#29

Tetrahydrofuran

Concen: 101.442 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

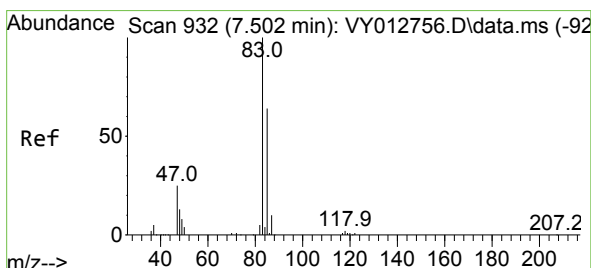
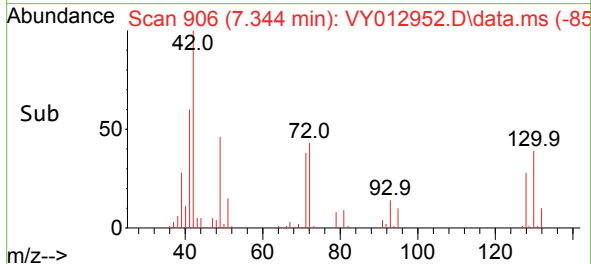
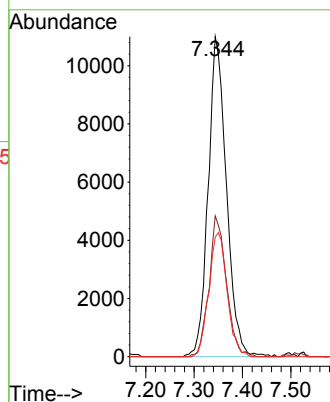
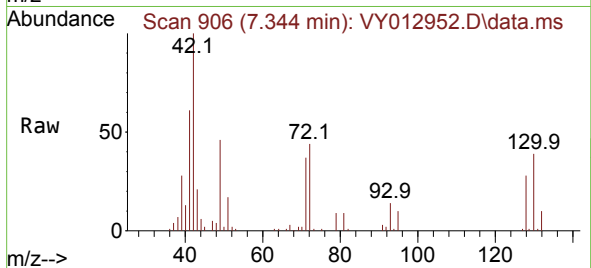
Tgt Ion: 42 Resp: 28872

Ion Ratio Lower Upper

42 100

72 41.9 32.3 48.5

71 38.8 30.3 45.5



#30

Chloroform

Concen: 22.148 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012952.D

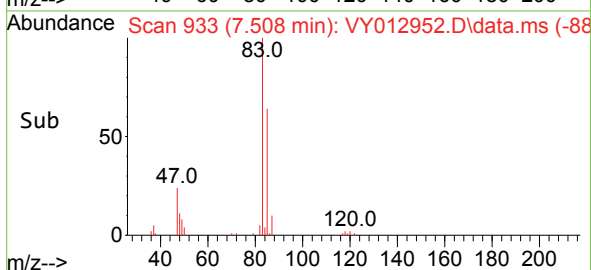
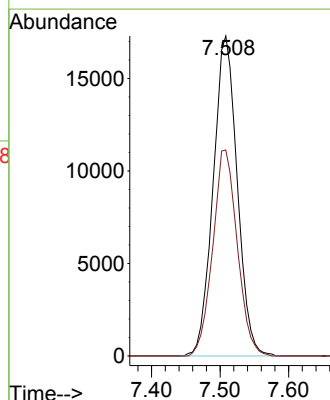
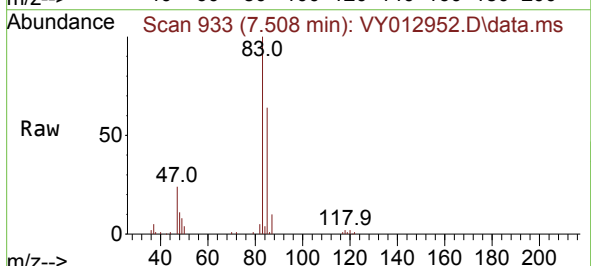
Acq: 15 Mar 2023 11:05

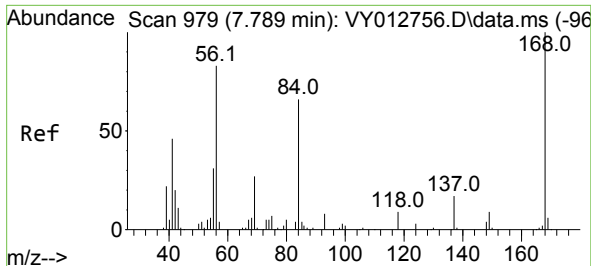
Tgt Ion: 83 Resp: 42108

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

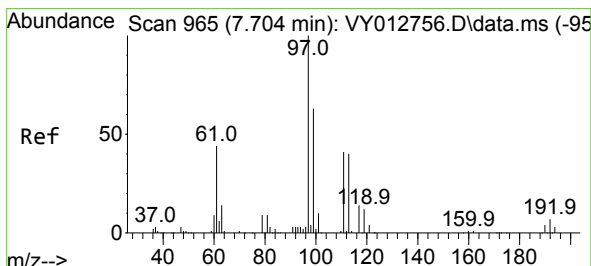
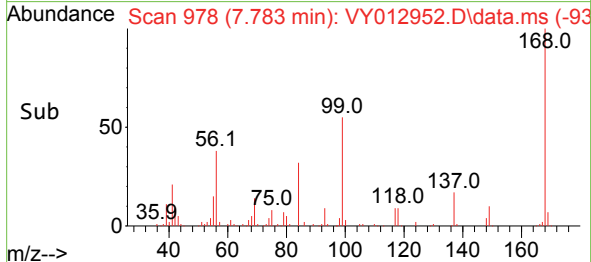
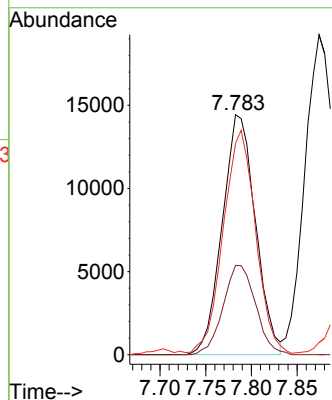
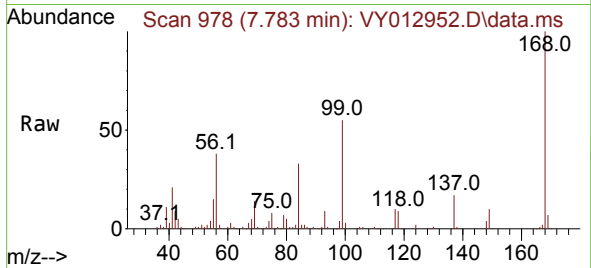




#31
Cyclohexane
Concen: 19.607 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

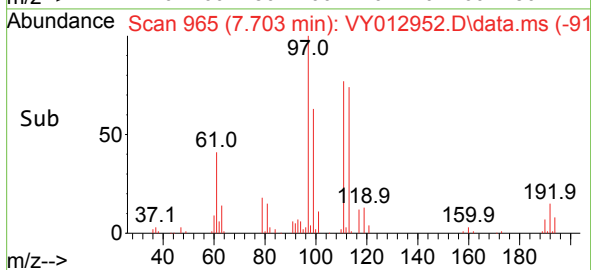
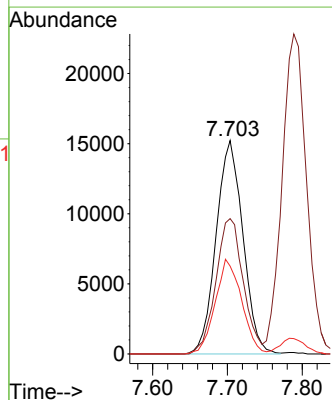
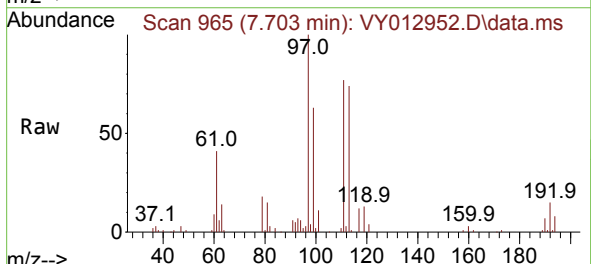
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

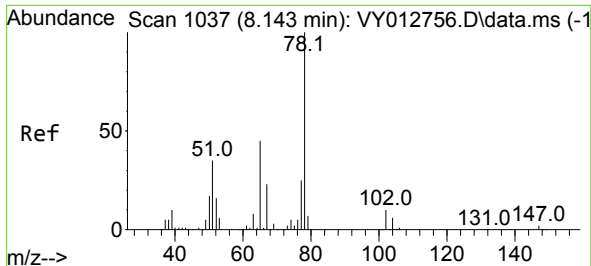
Tgt Ion: 56 Resp: 36450
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 86.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.104 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 97 Resp: 38003
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 43.8 34.5 51.7

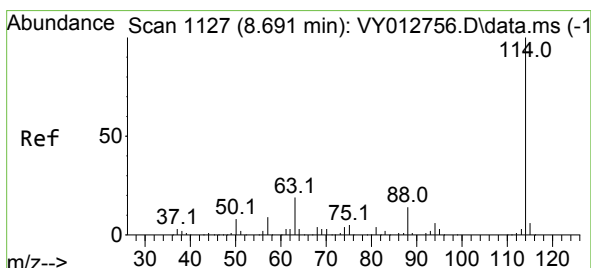
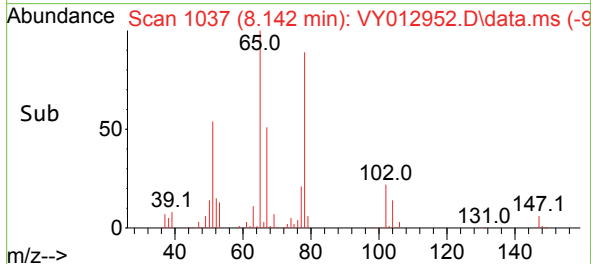
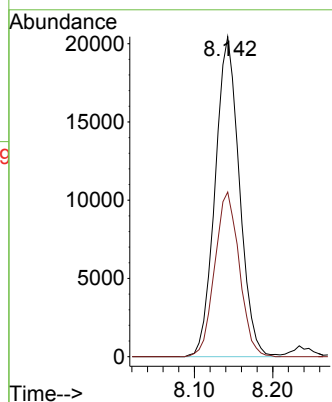
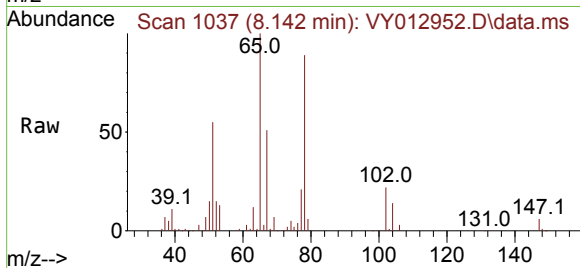




#33
 1,2-Dichloroethane-d4
 Concen: 45.433 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

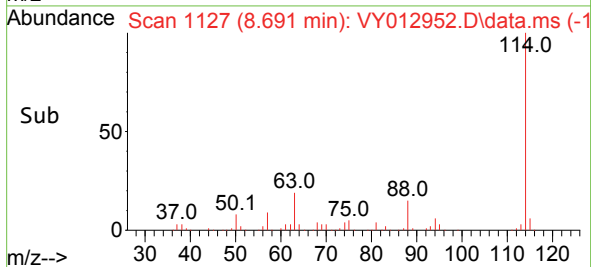
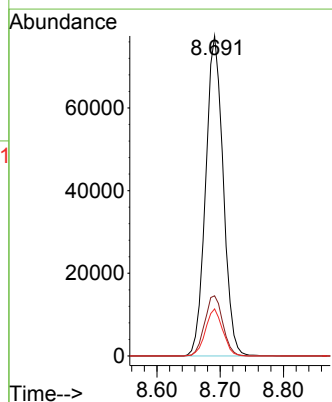
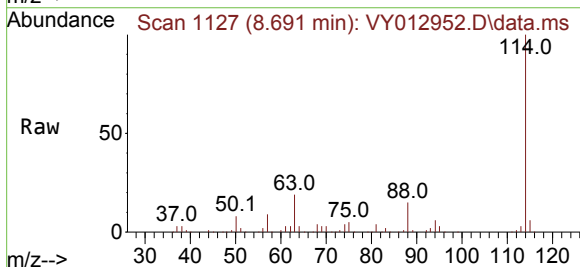
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

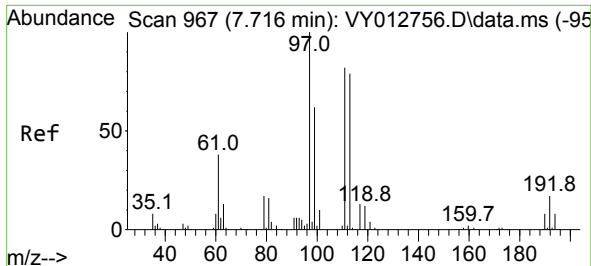
Tgt Ion: 65 Resp: 44101
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

Tgt Ion: 114 Resp: 149171
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.7 0.0 28.6

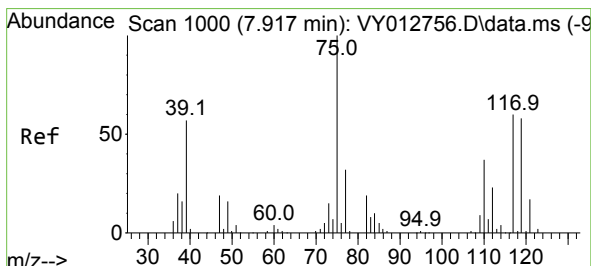
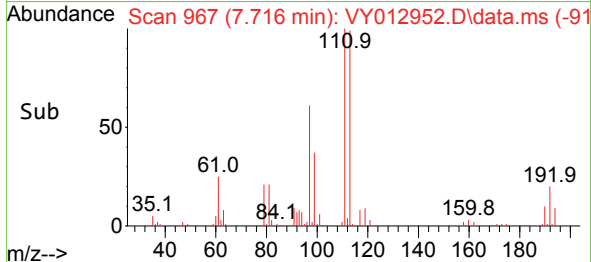
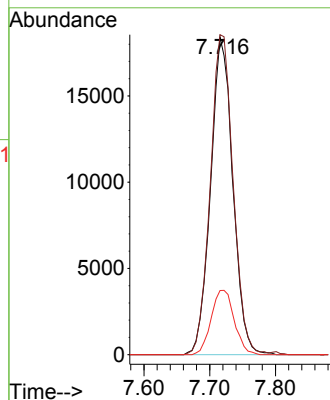
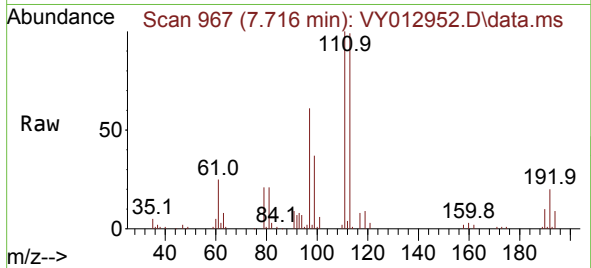




#35
Dibromofluoromethane
Concen: 48.060 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

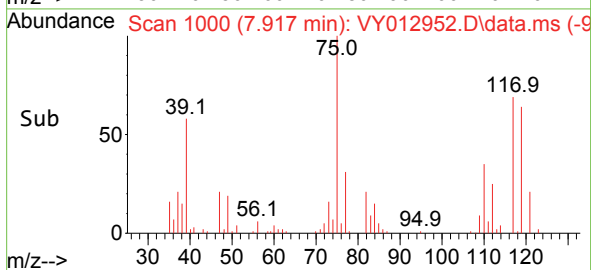
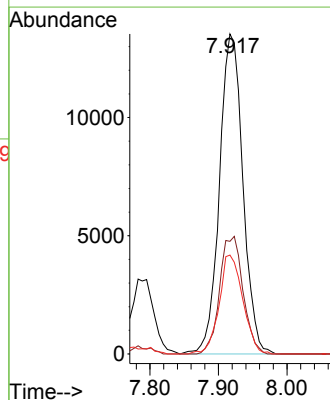
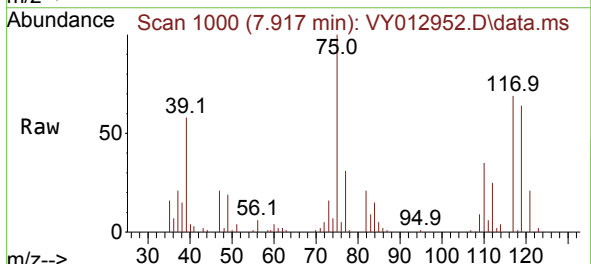
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

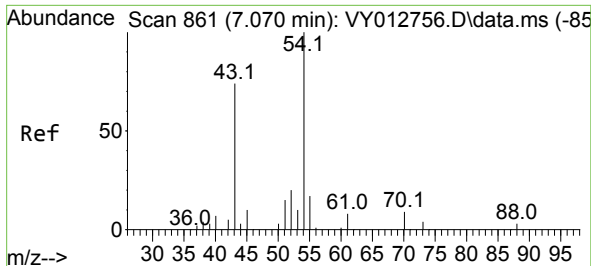
Tgt Ion:113 Resp: 43266
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.287 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 75 Resp: 32114
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.279 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

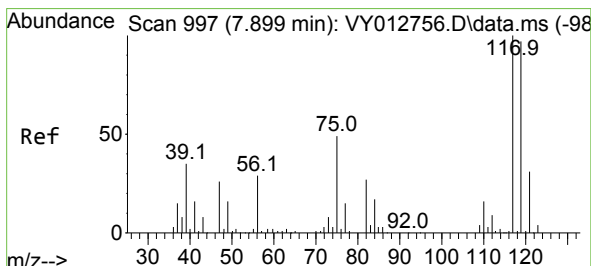
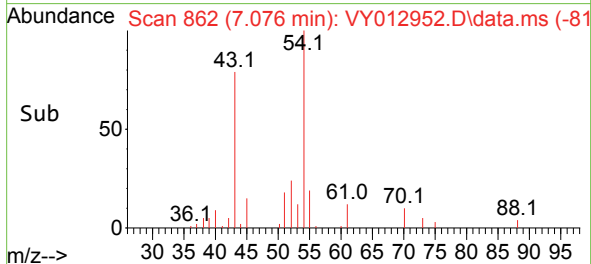
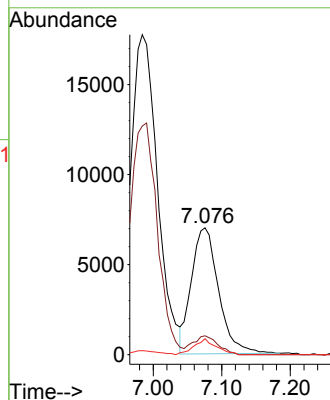
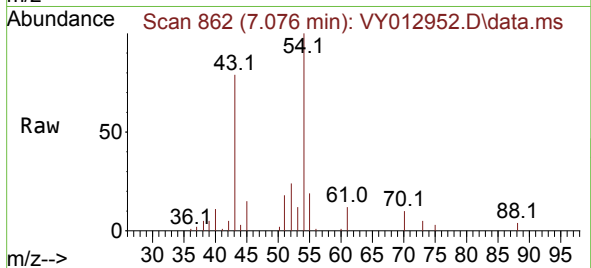
Tgt Ion: 43 Resp: 19282

Ion Ratio Lower Upper

43 100

61 13.8 10.7 16.1

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.916 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

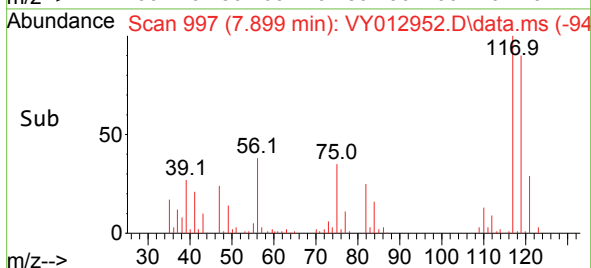
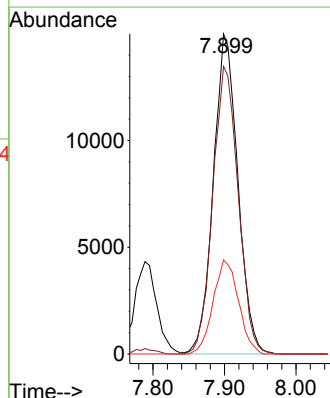
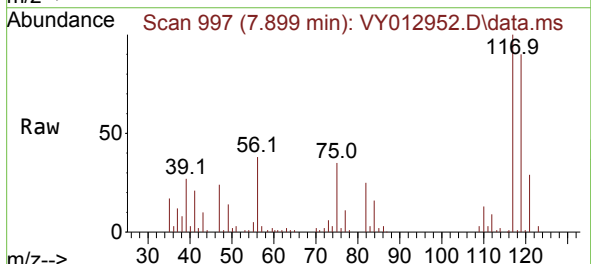
Tgt Ion: 117 Resp: 35700

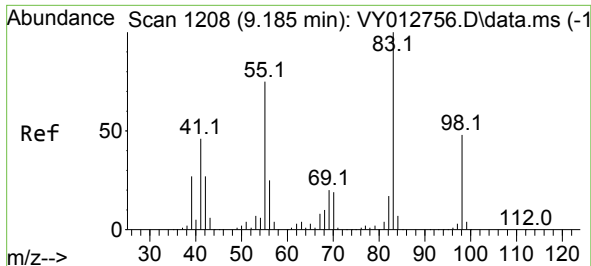
Ion Ratio Lower Upper

117 100

119 89.9 77.2 115.8

121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 20.440 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

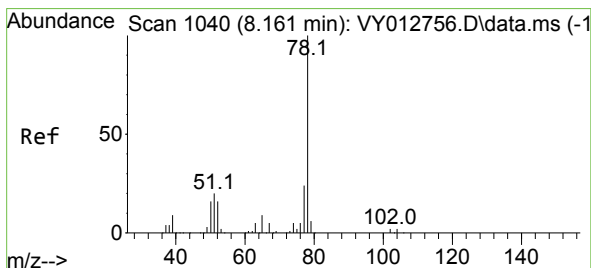
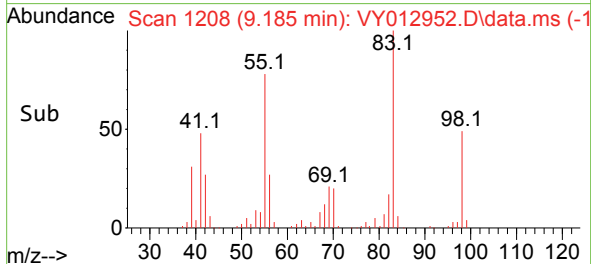
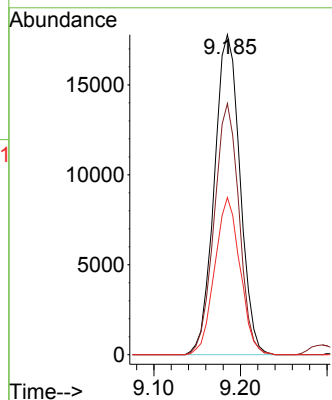
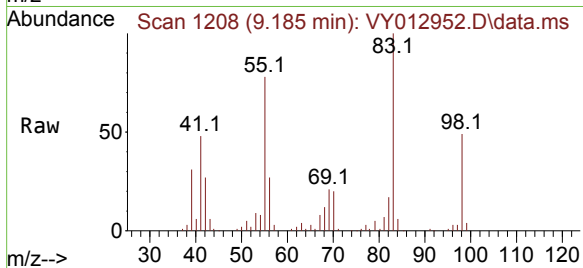
Tgt Ion: 83 Resp: 36660

Ion Ratio Lower Upper

83 100

55 78.5 60.0 90.0

98 49.1 38.3 57.5



#40

Benzene

Concen: 21.951 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012952.D

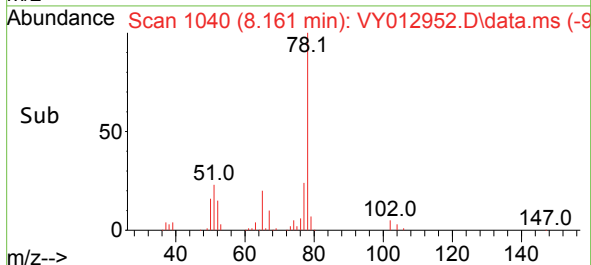
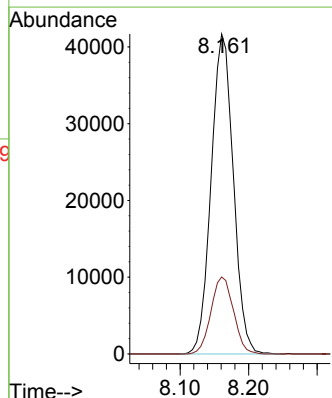
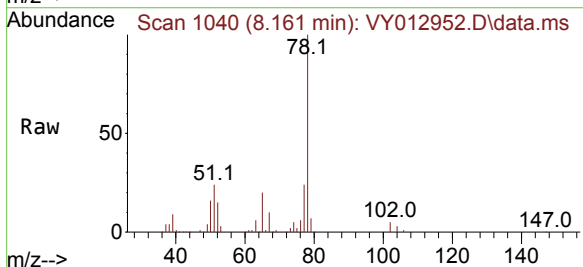
Acq: 15 Mar 2023 11:05

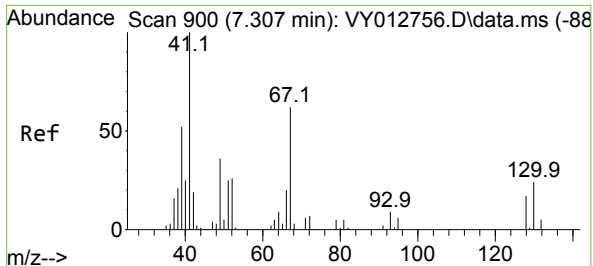
Tgt Ion: 78 Resp: 93675

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

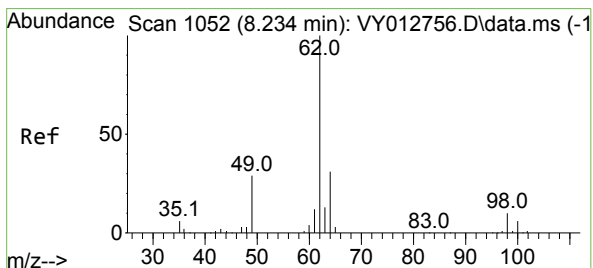
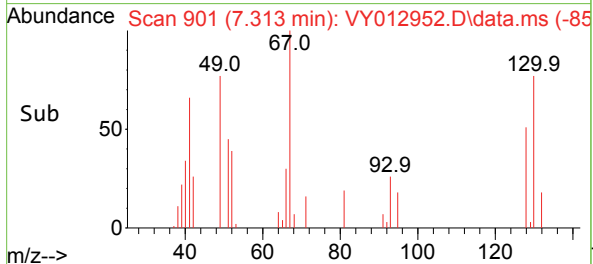
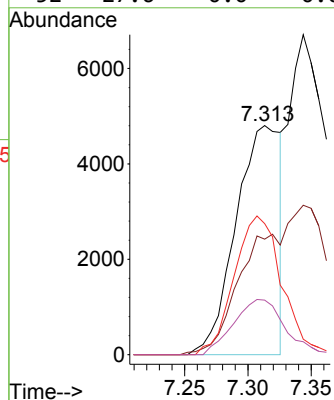
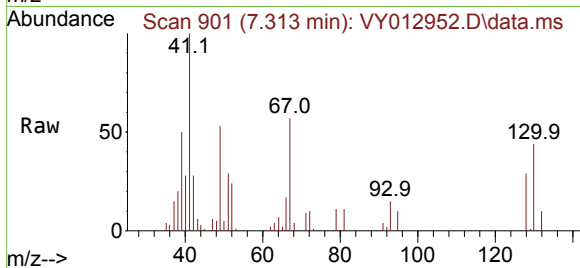




#41
Methacrylonitrile
Concen: 23.047 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

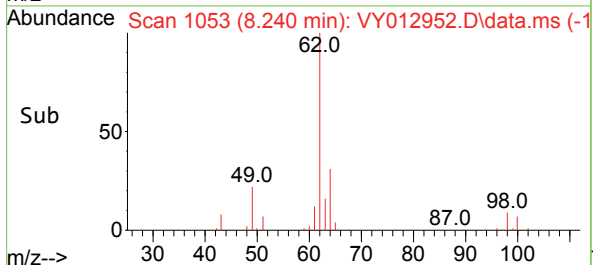
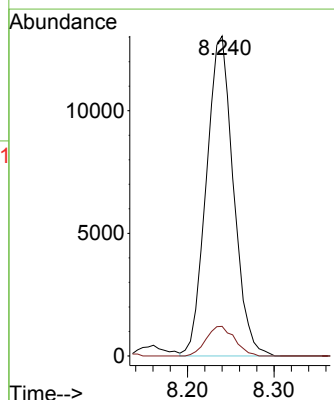
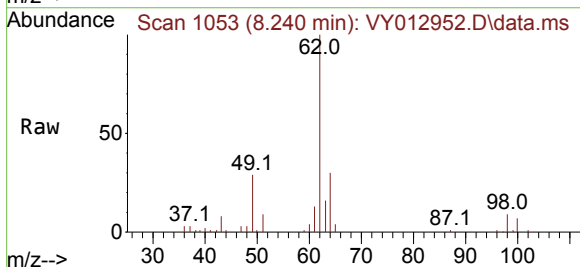
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

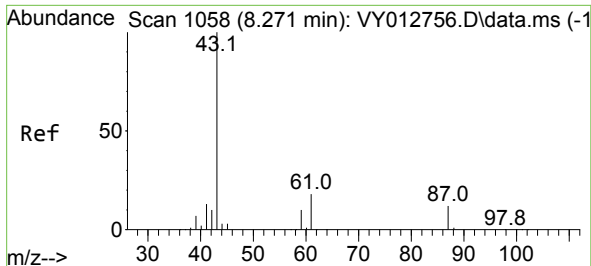
Tgt Ion:	41	Resp:	11807
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	64.6	0.0	0.0#
52	27.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 22.100 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion:	62	Resp:	28354
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.8

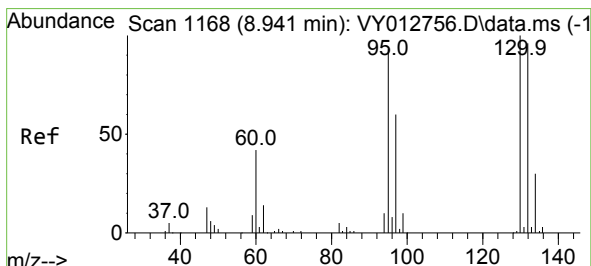
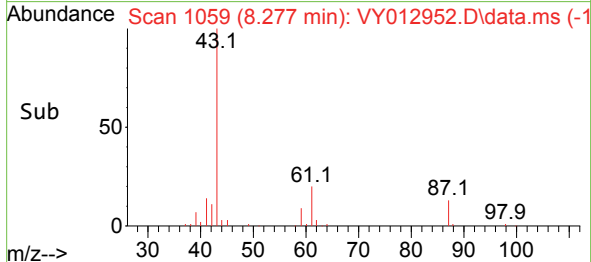
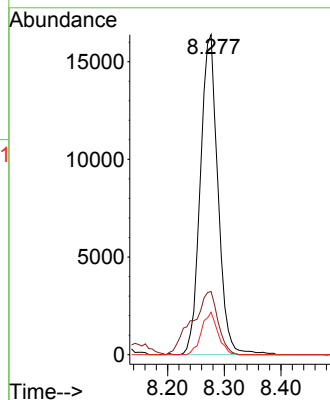
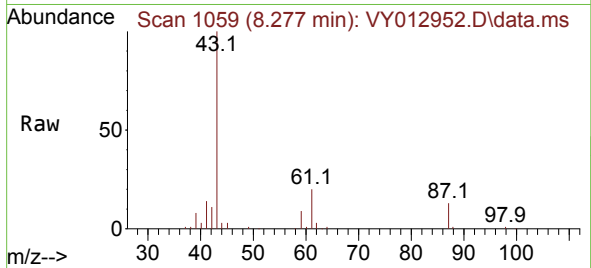




#43
Isopropyl Acetate
Concen: 20.782 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

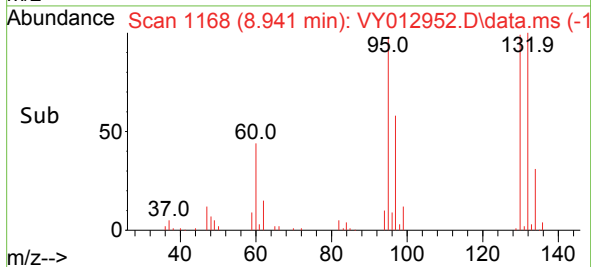
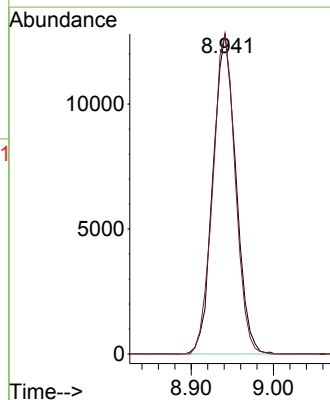
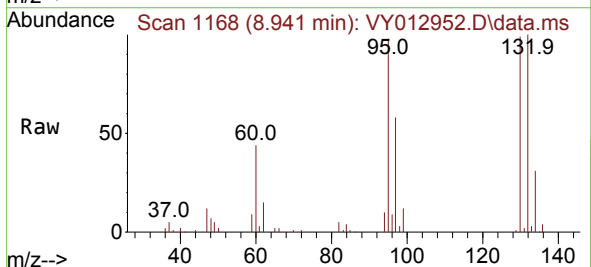
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

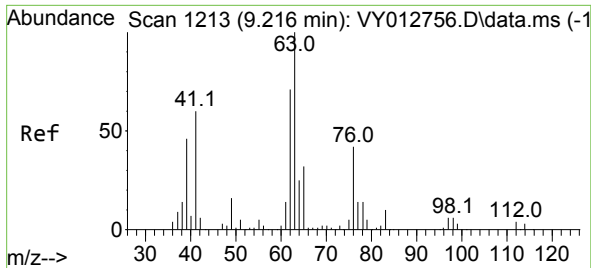
Tgt Ion: 43 Resp: 35256
Ion Ratio Lower Upper
43 100
61 28.9 21.6 32.4
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 22.020 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 130 Resp: 24775
Ion Ratio Lower Upper
130 100
95 99.9 0.0 185.0

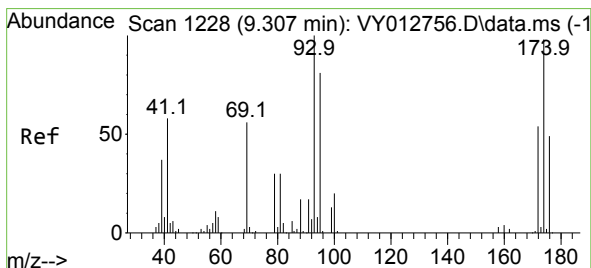
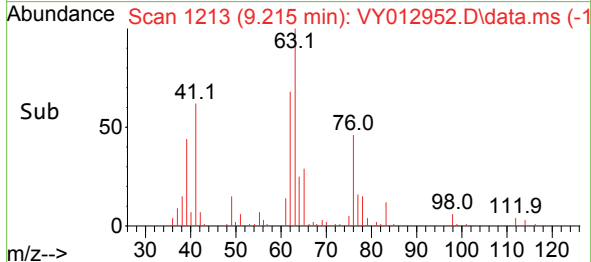
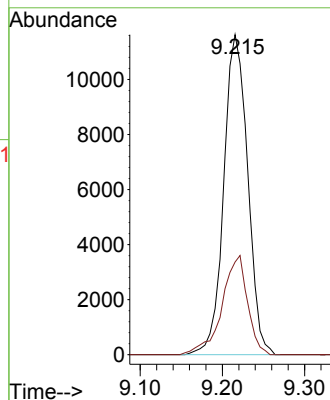
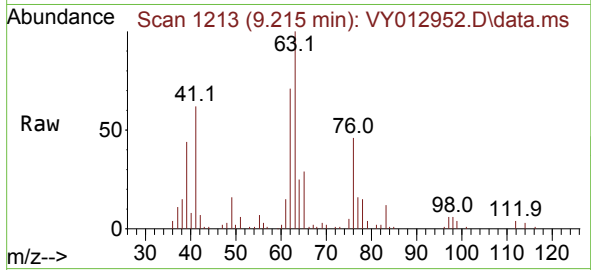




#45
1,2-Dichloropropane
Concen: 21.739 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

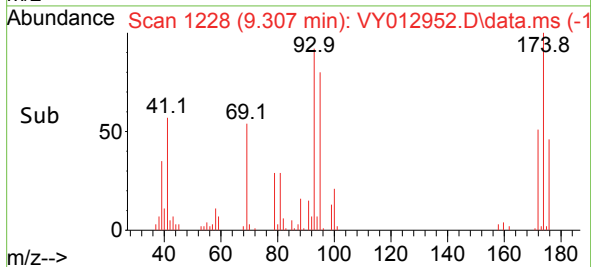
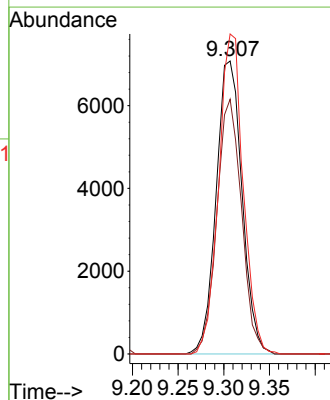
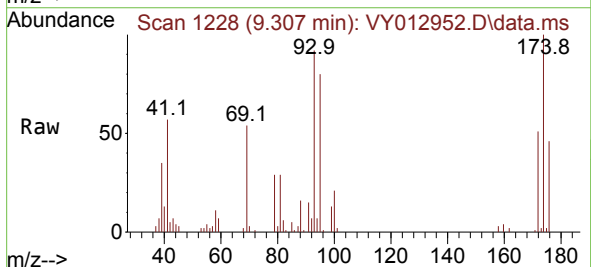
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

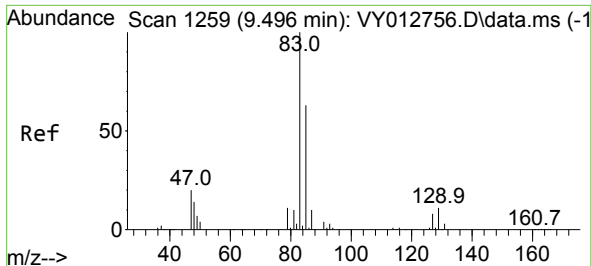
Tgt Ion: 63 Resp: 23445
Ion Ratio Lower Upper
63 100
65 29.0 25.7 38.5



#46
Dibromomethane
Concen: 22.719 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 93 Resp: 13959
Ion Ratio Lower Upper
93 100
95 83.0 65.6 98.4
174 103.8 81.3 121.9

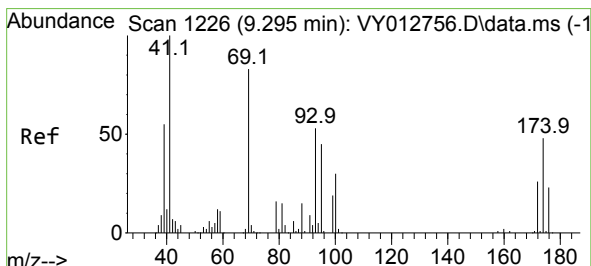
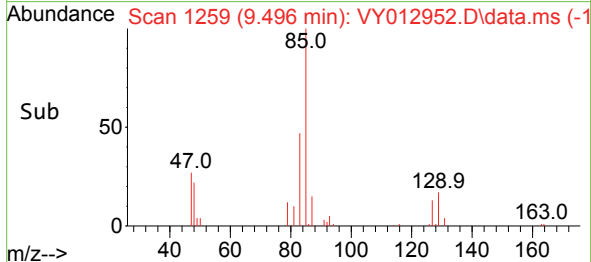
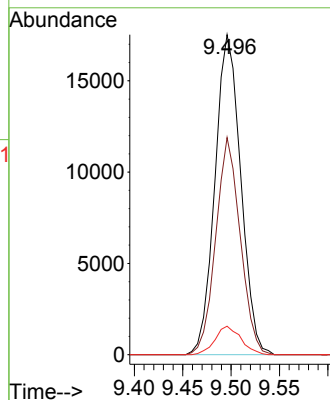
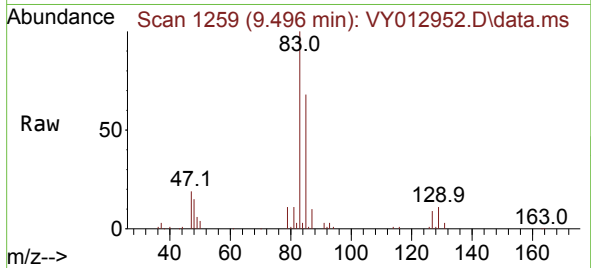




#47
Bromodichloromethane
Concen: 22.446 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

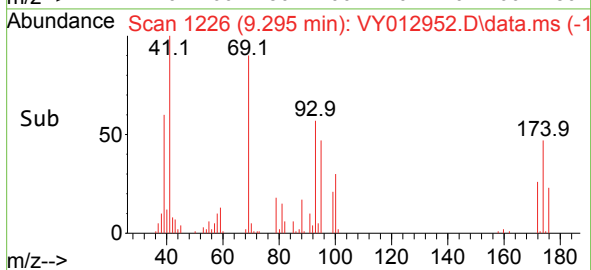
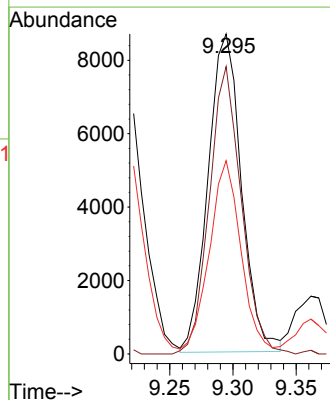
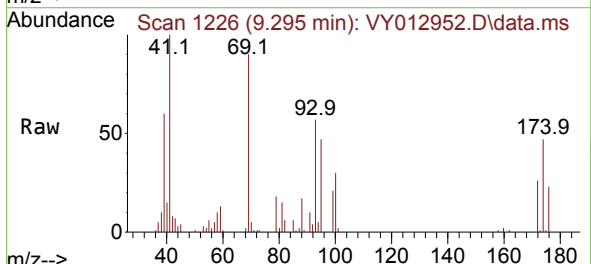
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

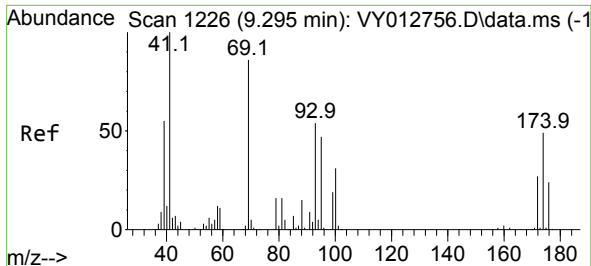
Tgt Ion: 83	Resp:	32500
Ion Ratio	Lower	Upper
83	100	
85	67.9	50.2 75.4
127	8.9	6.3 9.5



#48
Methyl methacrylate
Concen: 20.361 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 41	Resp:	15916
Ion Ratio	Lower	Upper
41	100	
69	86.3	64.1 96.1
39	55.1	44.0 66.0





#49

1,4-Dioxane

Concen: 437.369 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

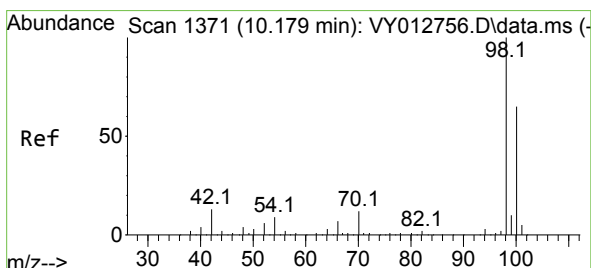
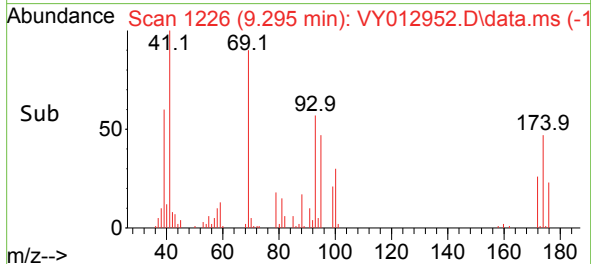
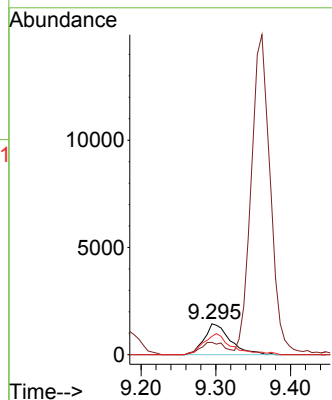
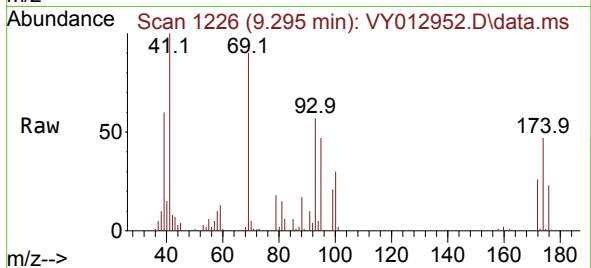
Tgt Ion: 88 Resp: 3474

Ion Ratio Lower Upper

88 100

43 38.7 28.6 42.8

58 72.8 55.2 82.8



#50

Toluene-d8

Concen: 45.265 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012952.D

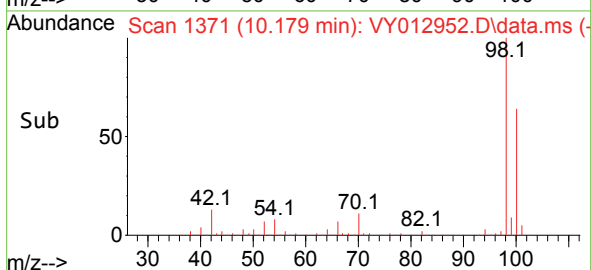
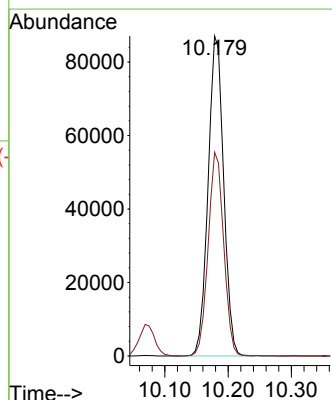
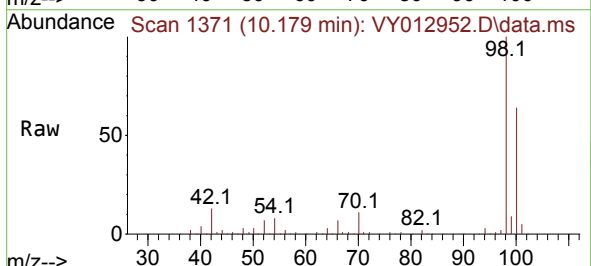
Acq: 15 Mar 2023 11:05

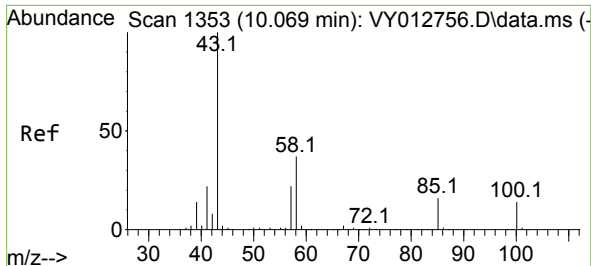
Tgt Ion: 98 Resp: 148973

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3

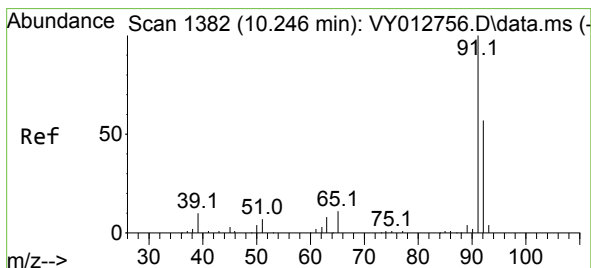
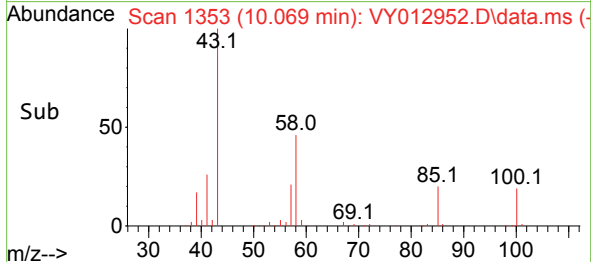
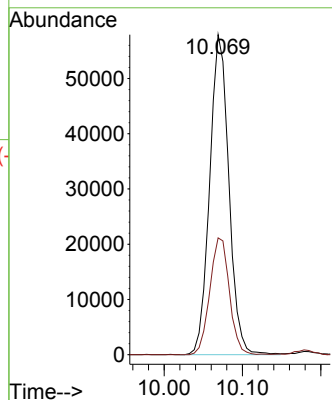
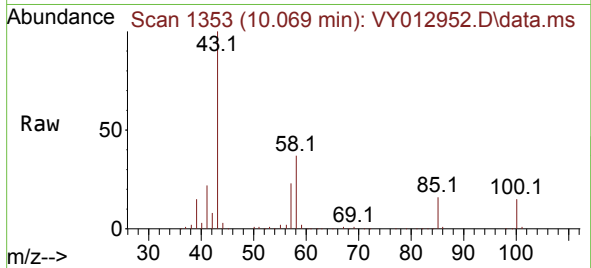




#51
4-Methyl-2-Pentanone
Concen: 107.061 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

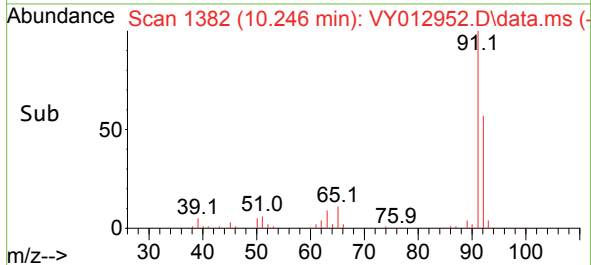
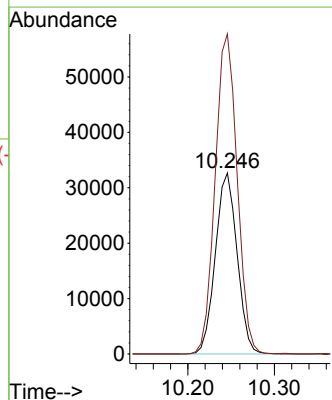
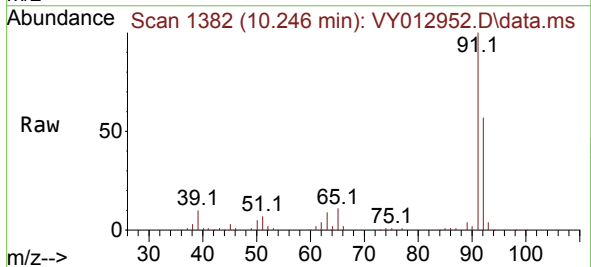
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

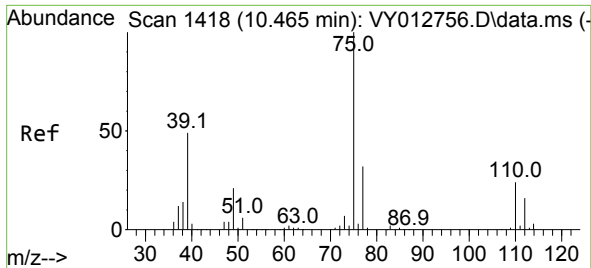
Tgt Ion: 43 Resp: 98519
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6



#52
Toluene
Concen: 22.132 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 92 Resp: 56960
Ion Ratio Lower Upper
92 100
91 178.6 141.3 211.9

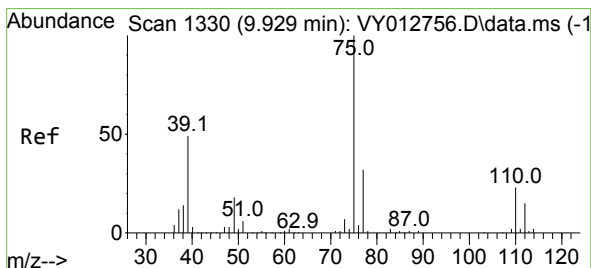
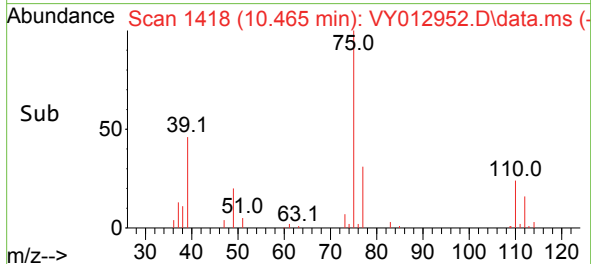
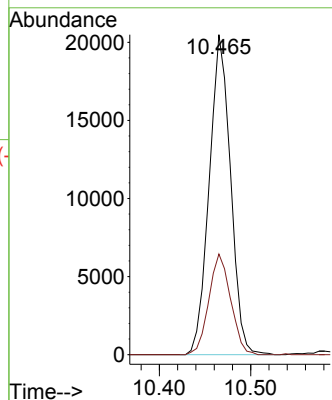
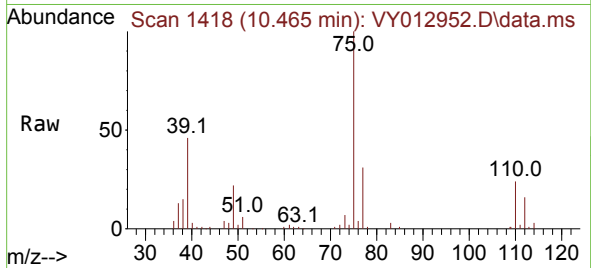




#53
 t-1,3-Dichloropropene
 Concen: 21.818 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

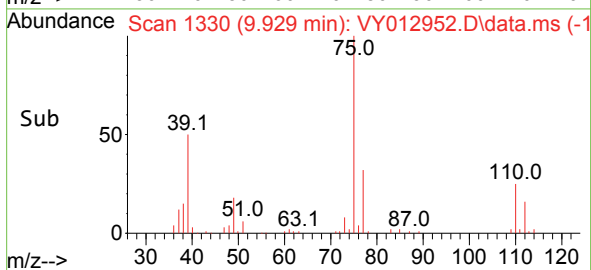
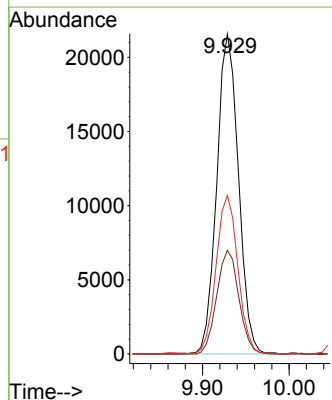
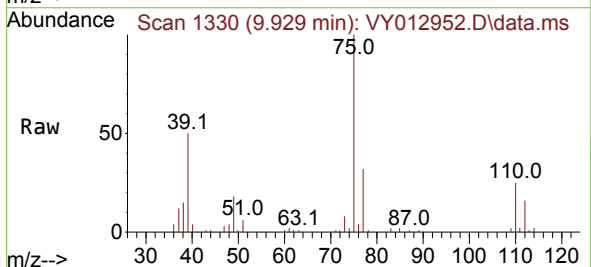
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

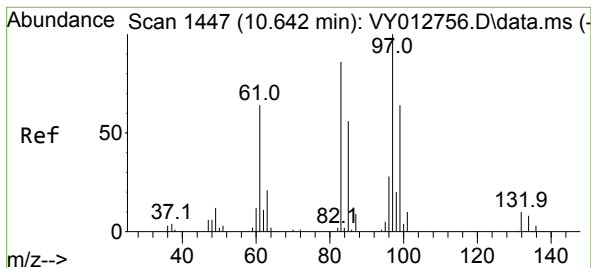
Tgt Ion: 75 Resp: 33135
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.830 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012952.D
 Acq: 15 Mar 2023 11:05

Tgt Ion: 75 Resp: 37526
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 49.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 22.337 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

Tgt Ion: 97 Resp: 19113

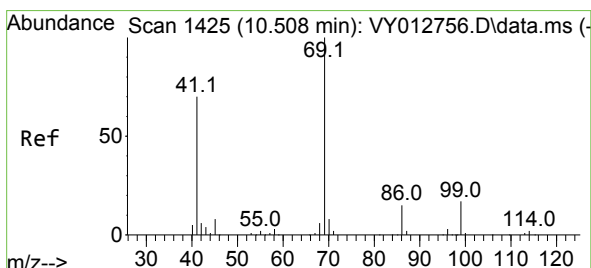
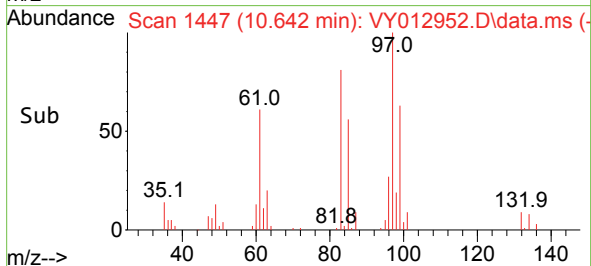
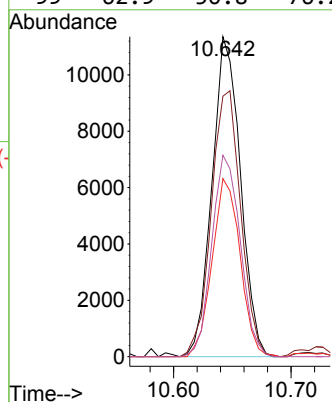
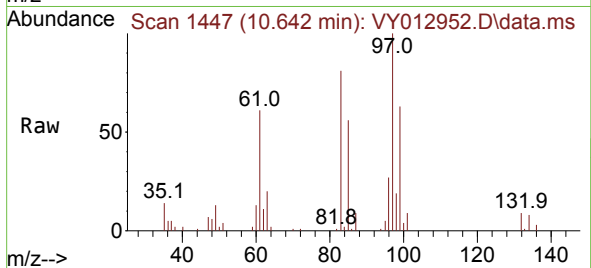
Ion Ratio Lower Upper

97 100

83 81.4 69.0 103.6

85 55.7 44.9 67.3

99 62.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.024 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

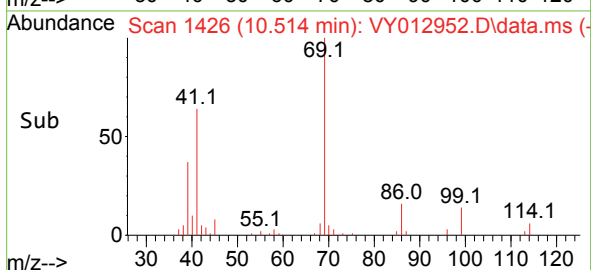
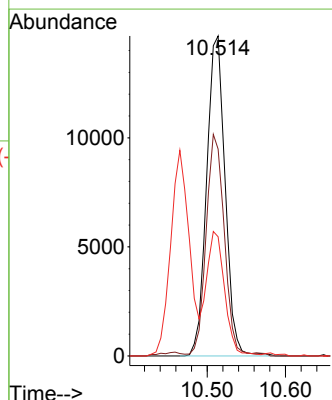
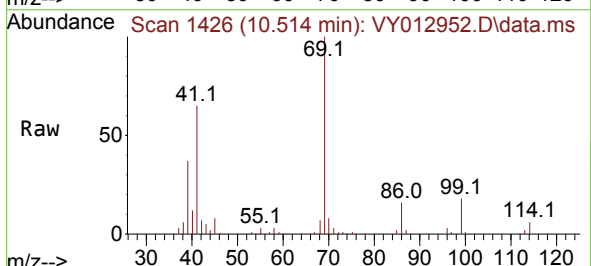
Tgt Ion: 69 Resp: 23987

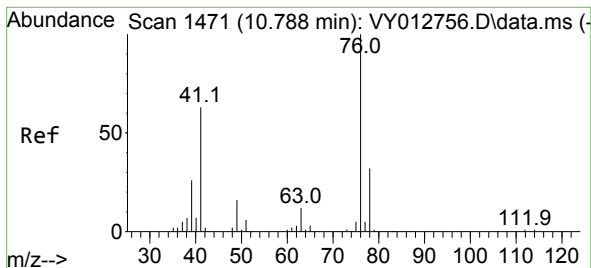
Ion Ratio Lower Upper

69 100

41 66.5 56.4 84.6

39 37.6 30.8 46.2





#57

1,3-Dichloropropane

Concen: 22.330 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

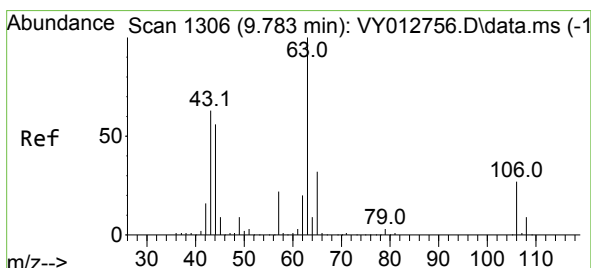
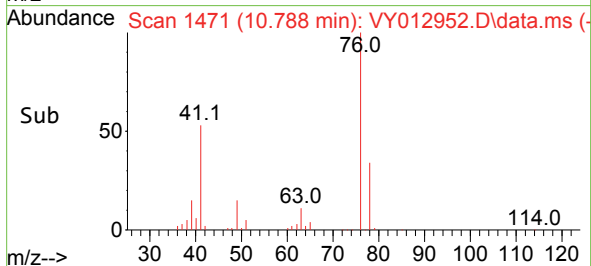
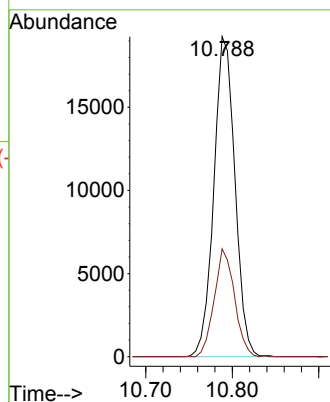
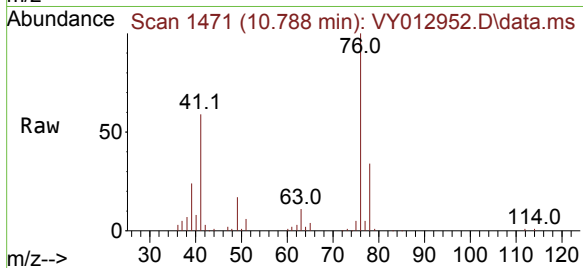
VY0315SBS01

Tgt Ion: 76 Resp: 32545

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.805 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012952.D

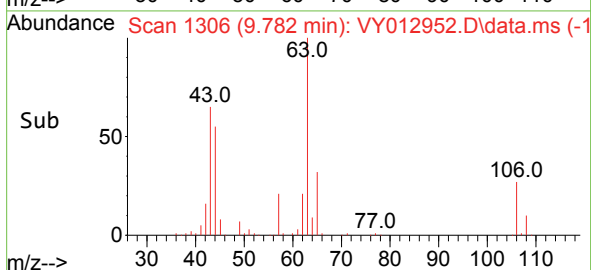
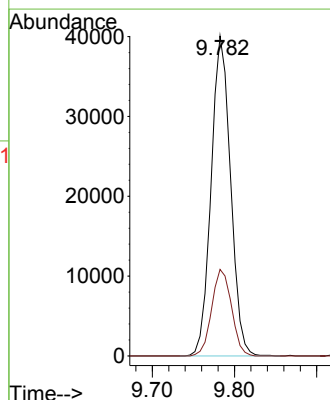
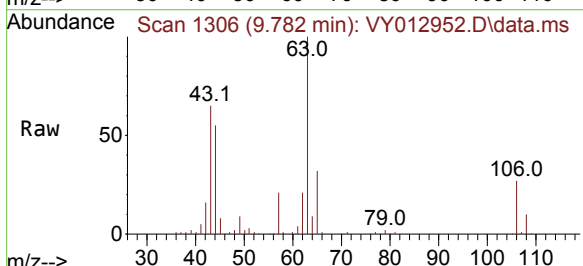
Acq: 15 Mar 2023 11:05

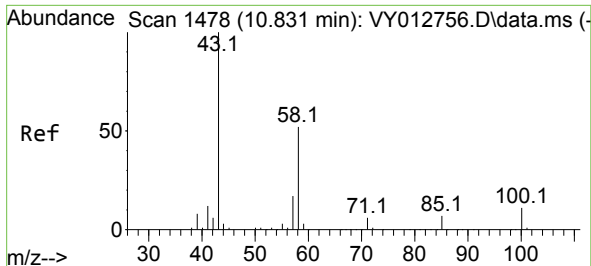
Tgt Ion: 63 Resp: 65768

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1





#59

2-Hexanone

Concen: 107.664 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

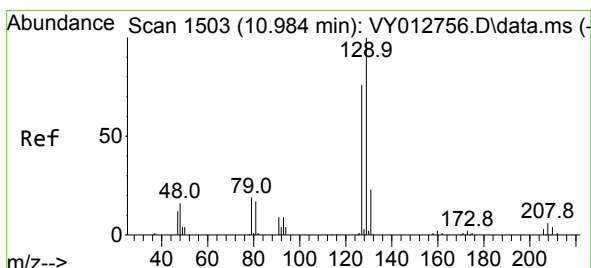
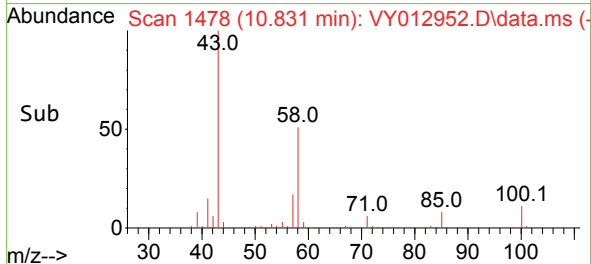
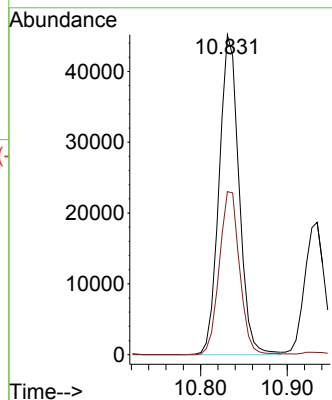
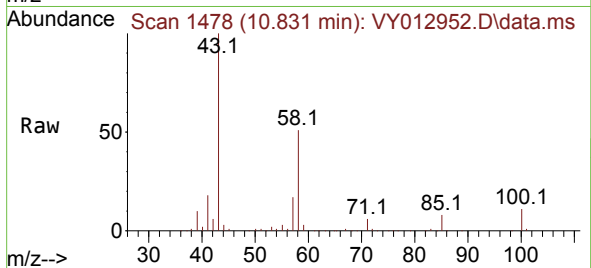
VY0315SBS01

Tgt Ion: 43 Resp: 72005

Ion Ratio Lower Upper

43 100

58 52.1 25.9 77.8



#60

Dibromochloromethane

Concen: 22.829 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012952.D

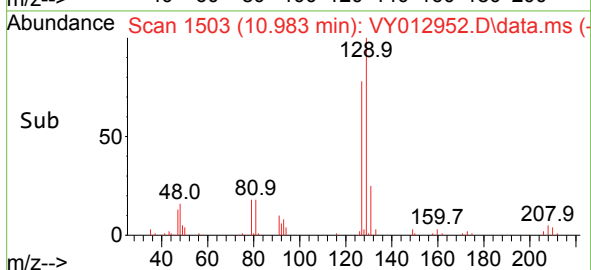
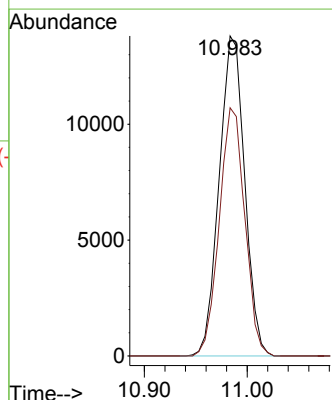
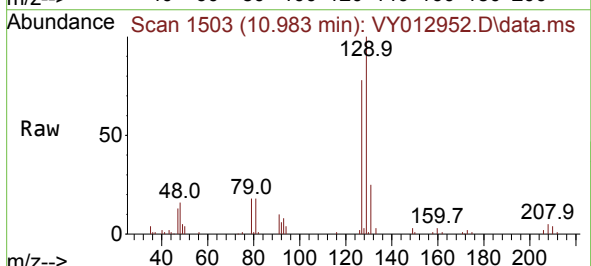
Acq: 15 Mar 2023 11:05

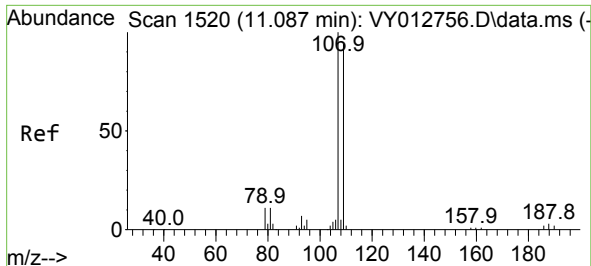
Tgt Ion: 129 Resp: 23779

Ion Ratio Lower Upper

129 100

127 77.7 38.7 116.1

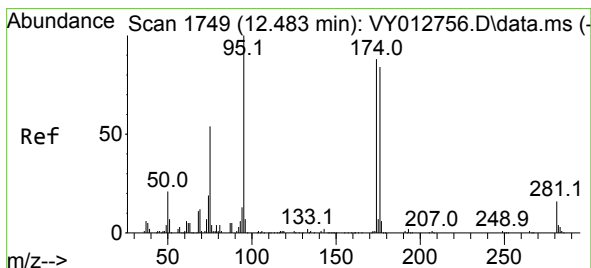
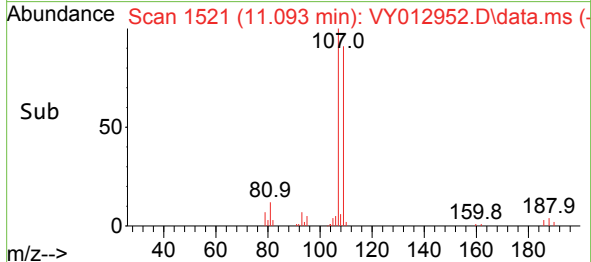
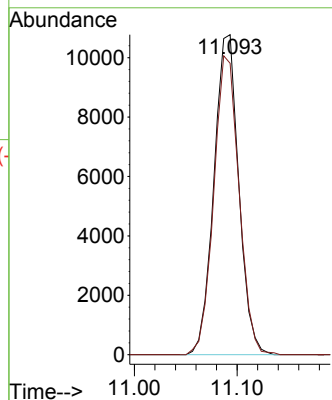
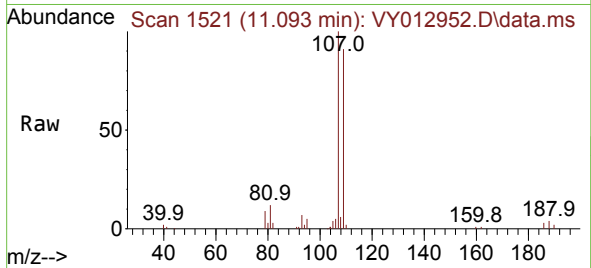




#61
1,2-Dibromoethane
Concen: 21.875 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

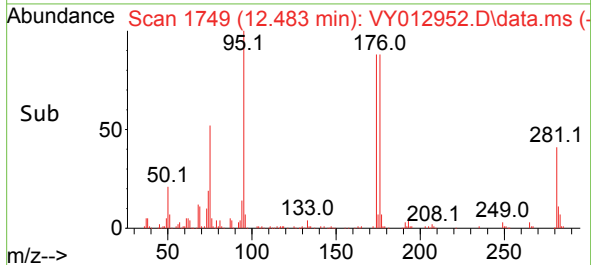
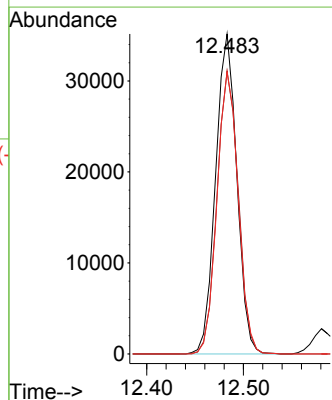
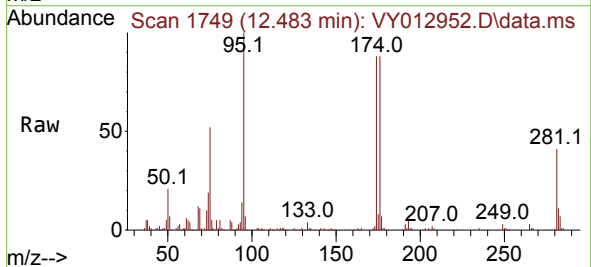
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

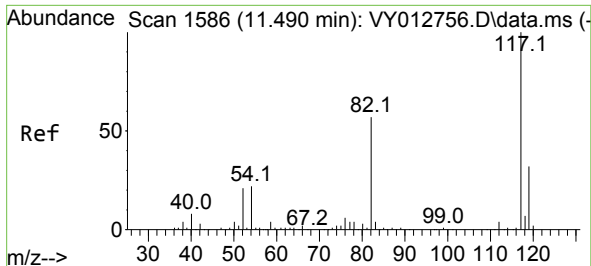
Tgt Ion:107 Resp: 18031
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 95 Resp: 53589
Ion Ratio Lower Upper
95 100
174 88.7 0.0 176.6
176 88.0 0.0 170.2

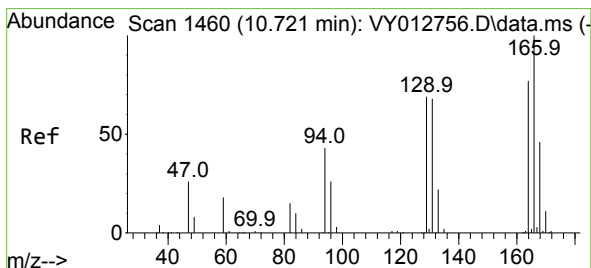
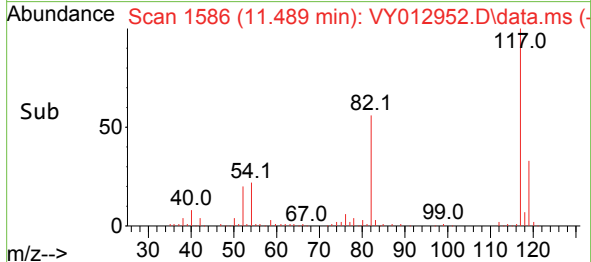
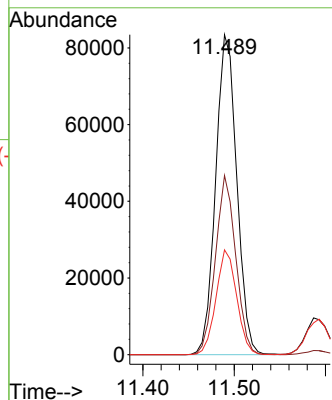
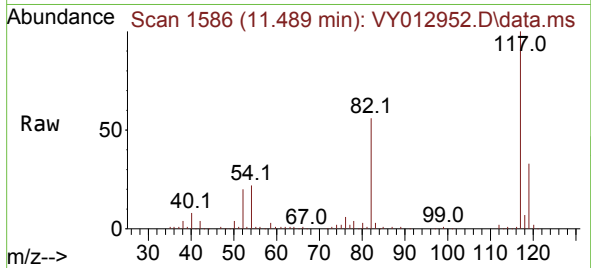




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

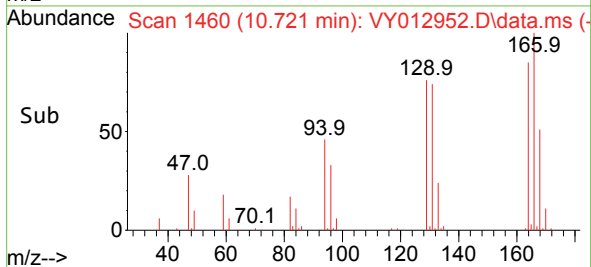
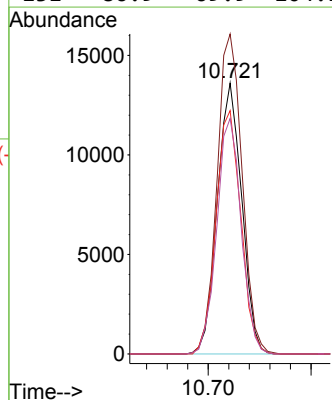
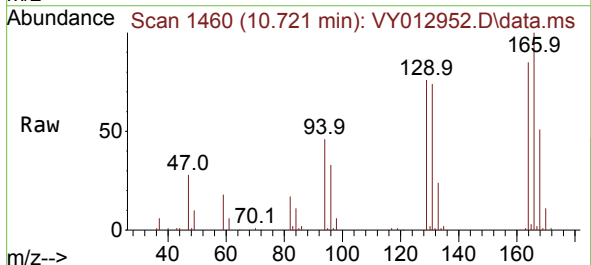
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

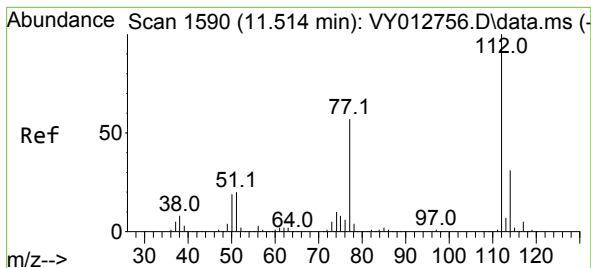
Tgt Ion:117 Resp: 134026
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 23.034 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion:164 Resp: 22477
Ion Ratio Lower Upper
164 100
166 118.2 103.4 155.2
129 89.9 71.4 107.2
131 86.9 69.9 104.9





#65

Chlorobenzene

Concen: 22.112 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

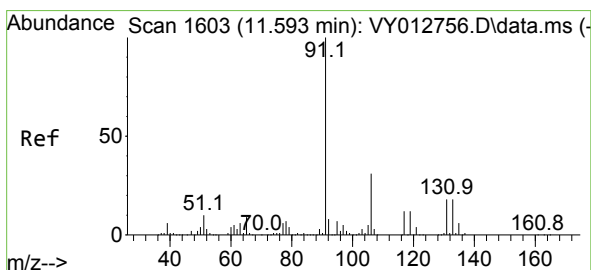
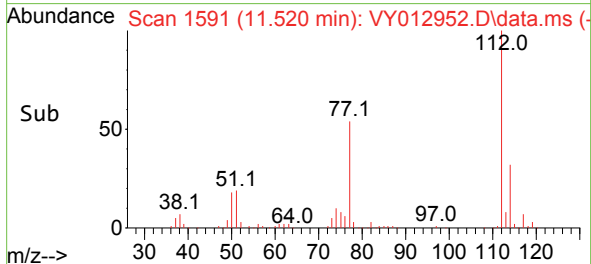
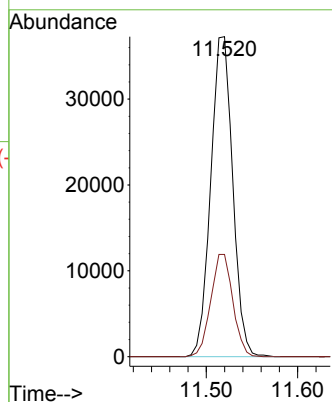
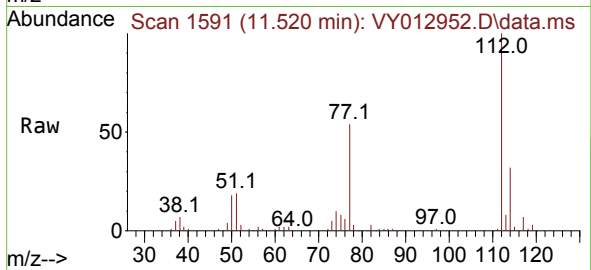
VY0315SBS01

Tgt Ion:112 Resp: 62198

Ion Ratio Lower Upper

112 100

114 32.0 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 22.747 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

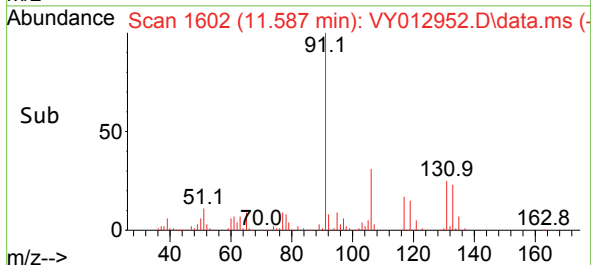
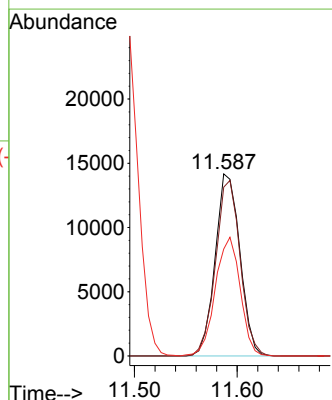
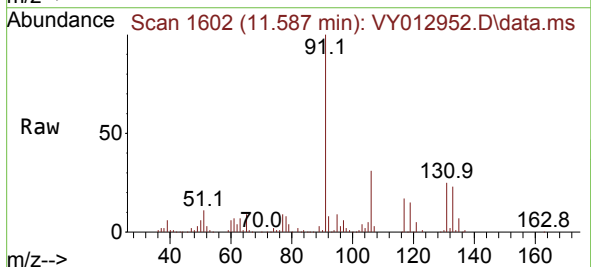
Tgt Ion:131 Resp: 23676

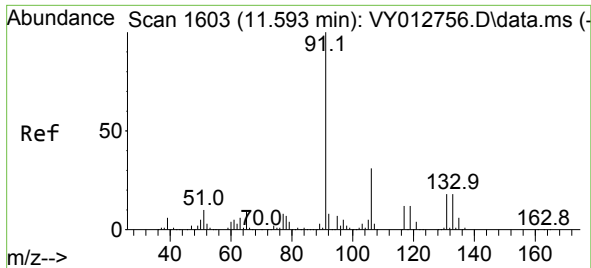
Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

119 65.8 32.6 98.0





#67

Ethyl Benzene

Concen: 21.877 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

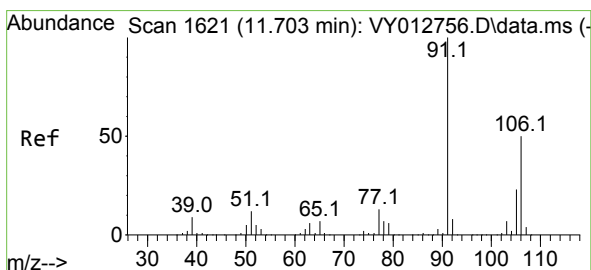
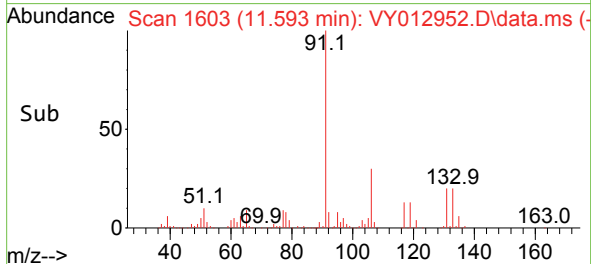
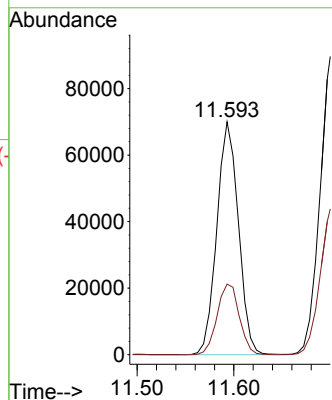
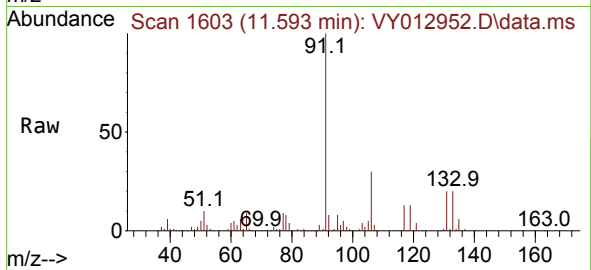
VY0315SBS01

Tgt Ion: 91 Resp: 108193

Ion Ratio Lower Upper

91 100

106 30.3 25.1 37.7



#68

m/p-Xylenes

Concen: 44.462 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012952.D

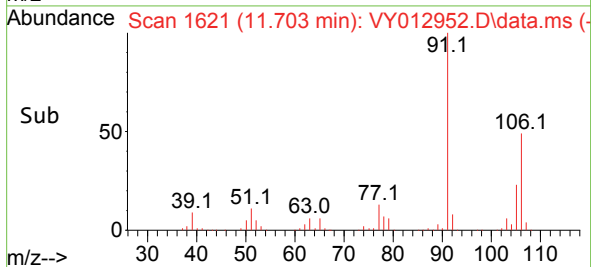
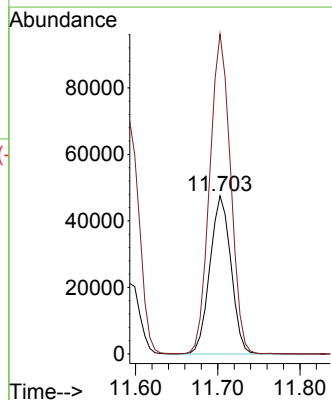
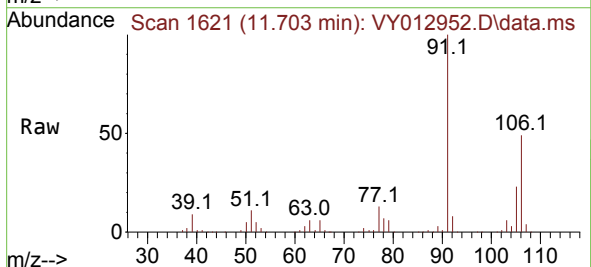
Acq: 15 Mar 2023 11:05

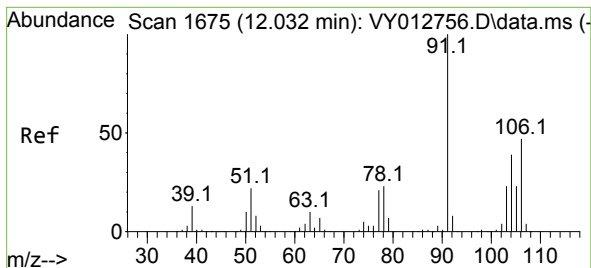
Tgt Ion:106 Resp: 84590

Ion Ratio Lower Upper

106 100

91 200.9 159.8 239.8





#69

o-Xylene

Concen: 22.257 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

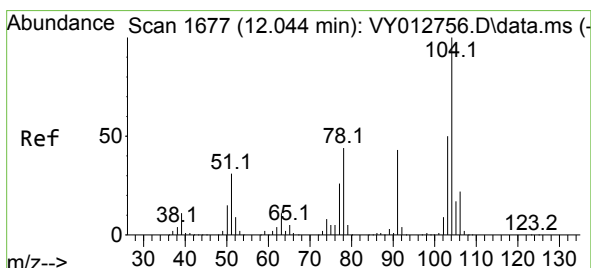
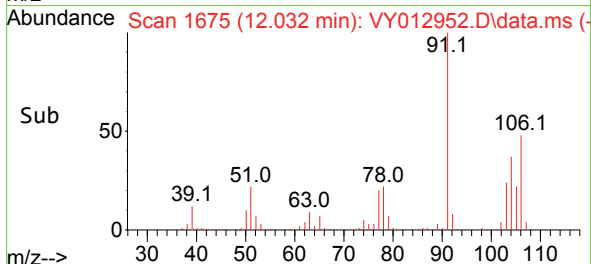
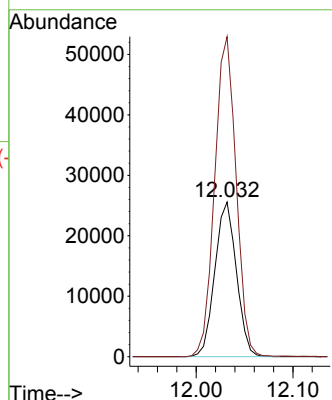
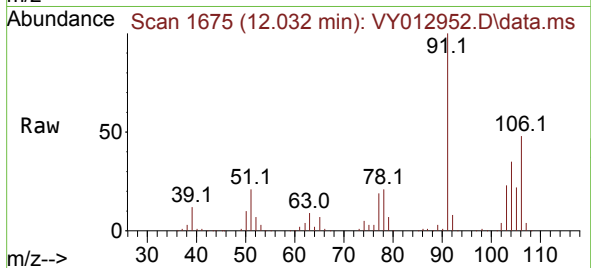
VY0315SBS01

Tgt Ion:106 Resp: 39519

Ion Ratio Lower Upper

106 100

91 206.6 107.2 321.6



#70

Styrene

Concen: 22.704 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

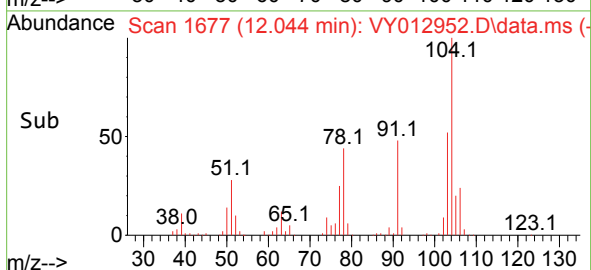
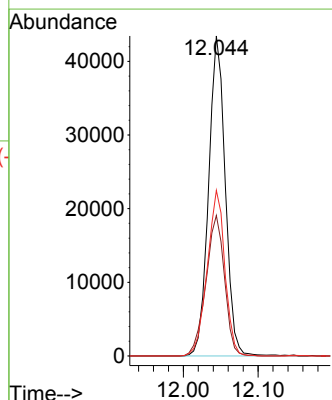
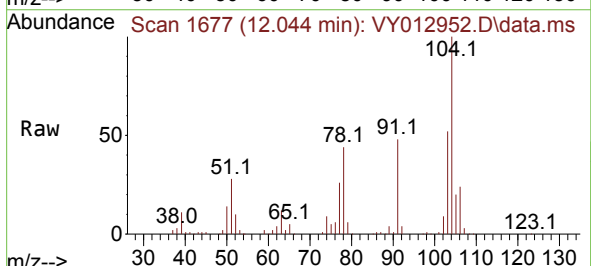
Tgt Ion:104 Resp: 67272

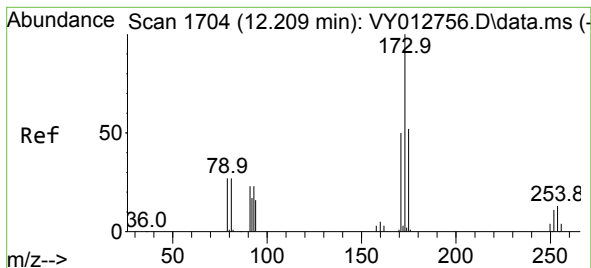
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 54.8 43.7 65.5





#71

Bromoform

Concen: 22.865 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

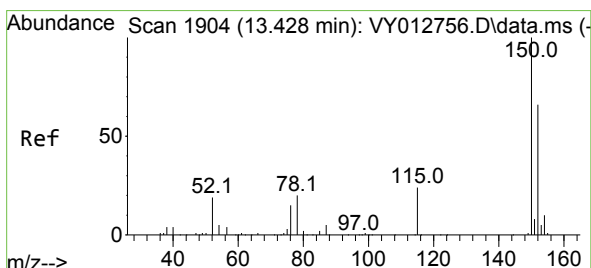
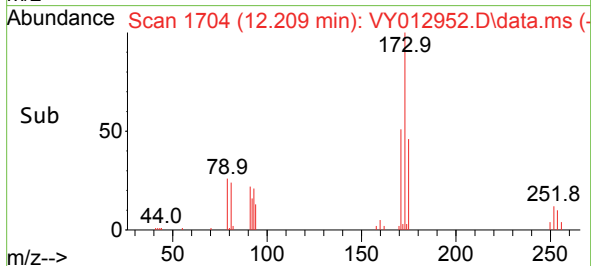
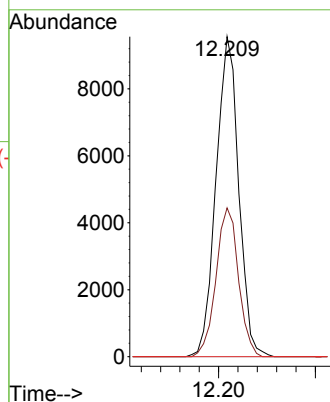
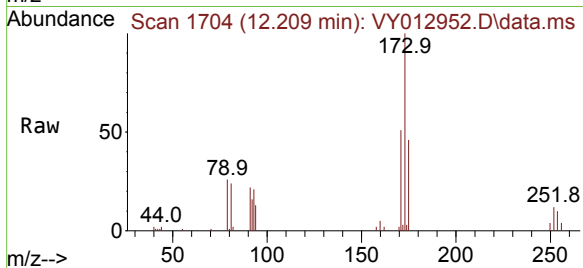
Tgt Ion:173 Resp: 15517

Ion Ratio Lower Upper

173 100

175 46.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

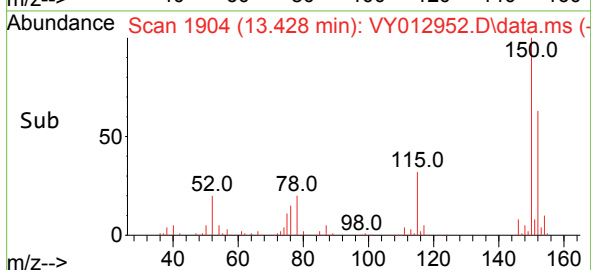
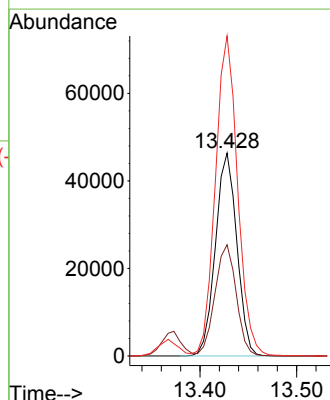
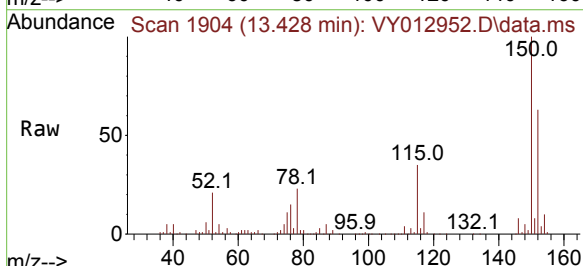
Tgt Ion:152 Resp: 71174

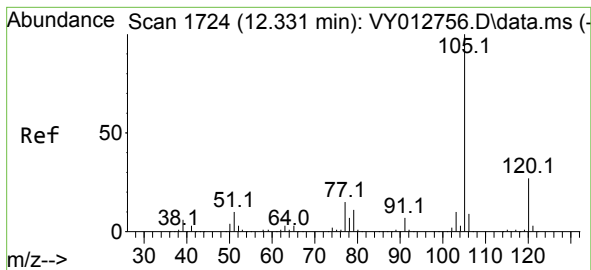
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 163.5 0.0 347.8





#73

Isopropylbenzene

Concen: 20.755 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

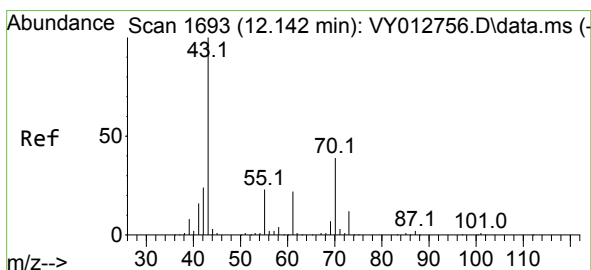
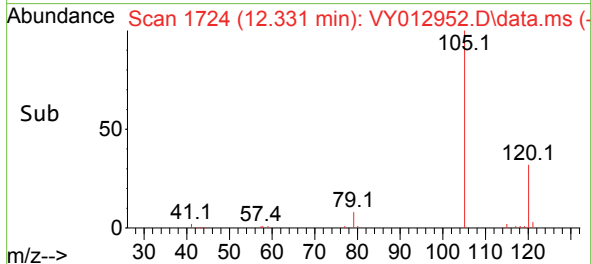
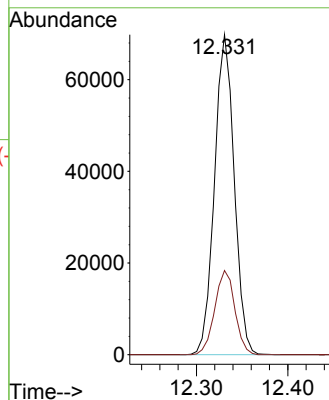
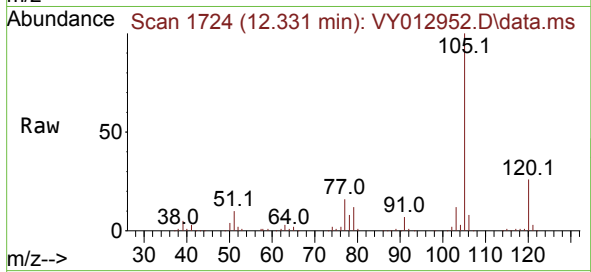
VY0315SBS01

Tgt Ion:105 Resp: 104691

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 19.102 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Tgt Ion: 43 Resp: 30317

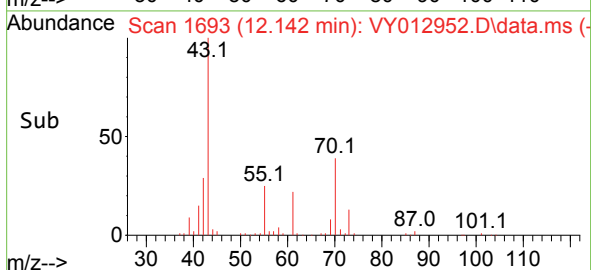
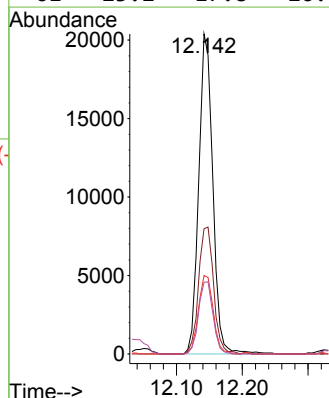
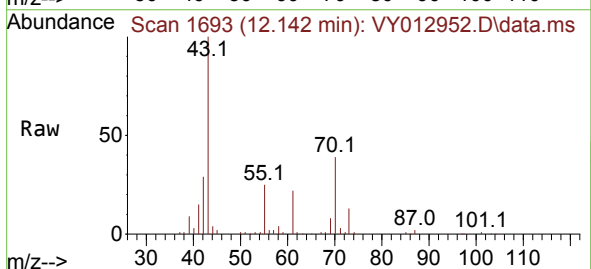
Ion Ratio Lower Upper

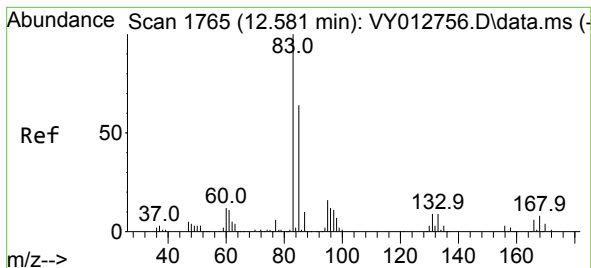
43 100

70 42.3 31.6 47.4

55 25.6 18.8 28.2

61 23.2 17.8 26.8

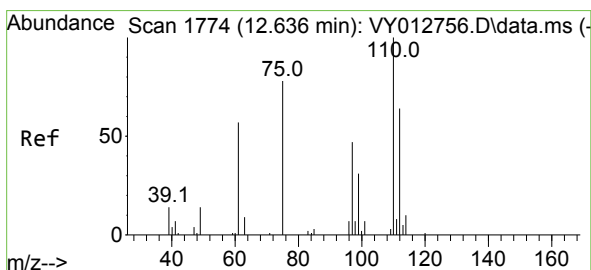
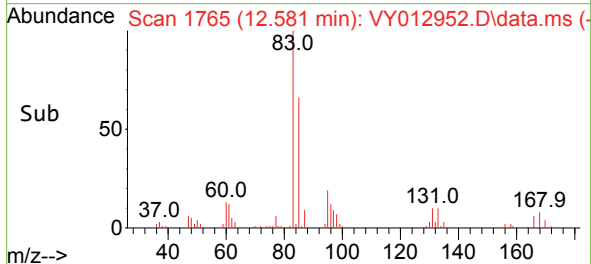
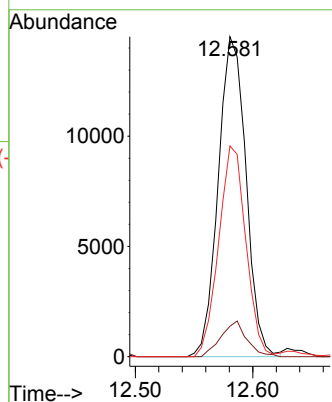
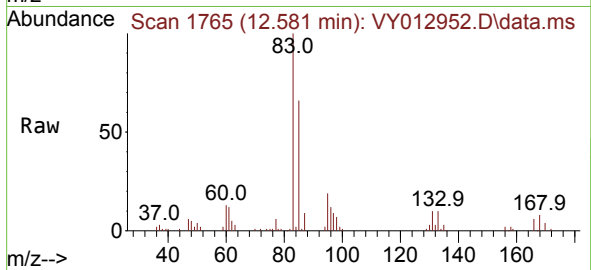




#75
1,1,2,2-Tetrachloroethane
Concen: 21.052 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

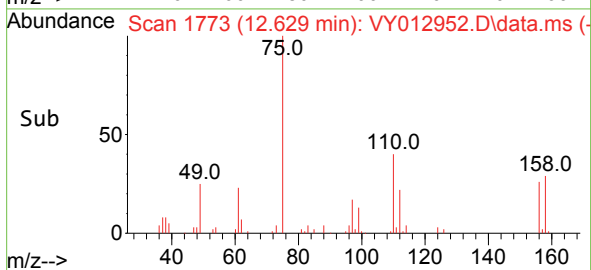
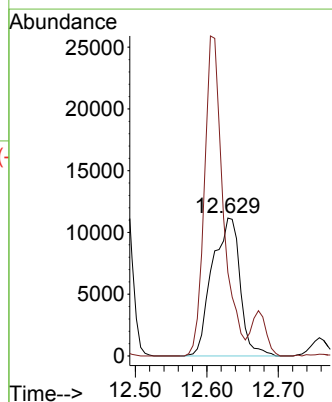
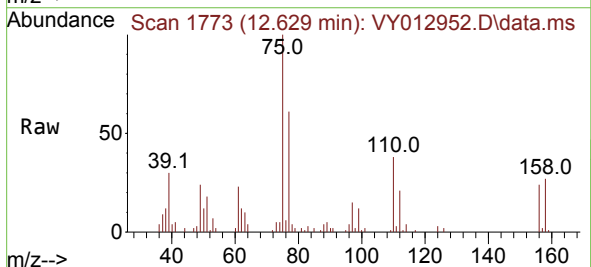
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

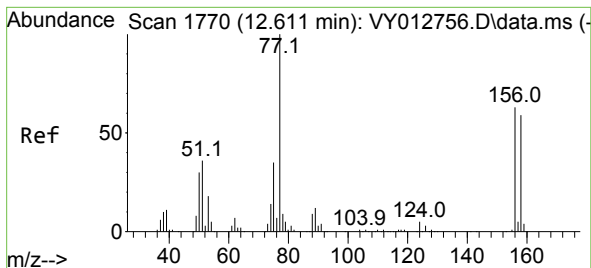
Tgt Ion: 83 Resp: 23871
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 35.565 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 75 Resp: 30228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.912 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

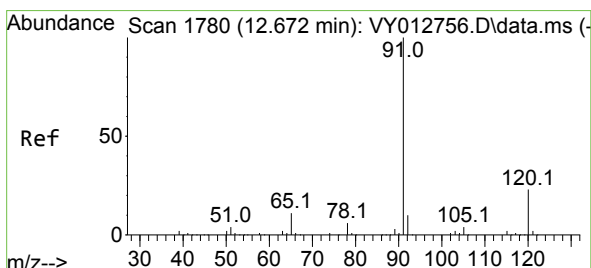
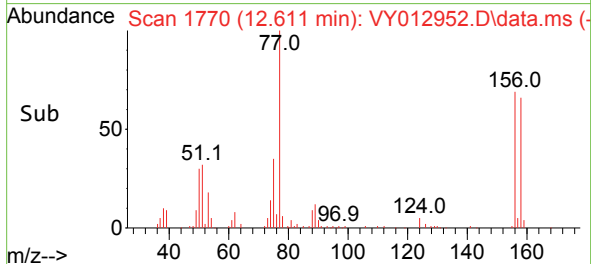
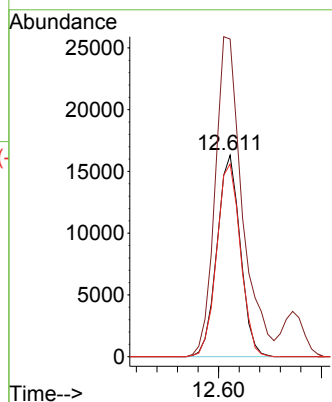
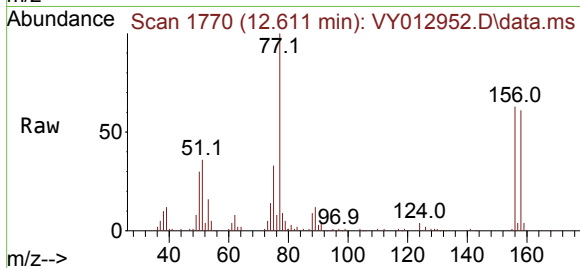
Tgt Ion:156 Resp: 25625

Ion Ratio Lower Upper

156 100

77 185.2 94.0 282.1

158 97.7 48.1 144.4



#78

n-propylbenzene

Concen: 21.232 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012952.D

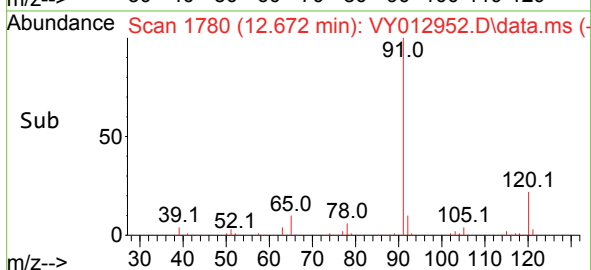
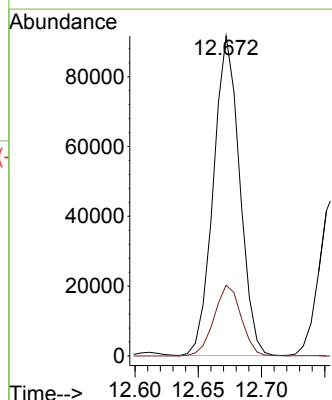
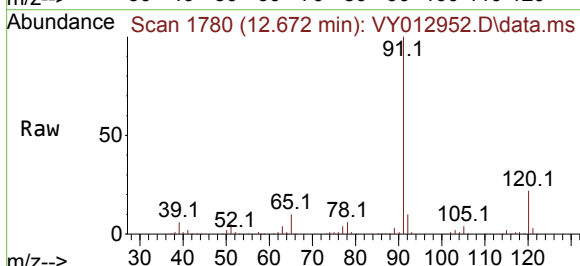
Acq: 15 Mar 2023 11:05

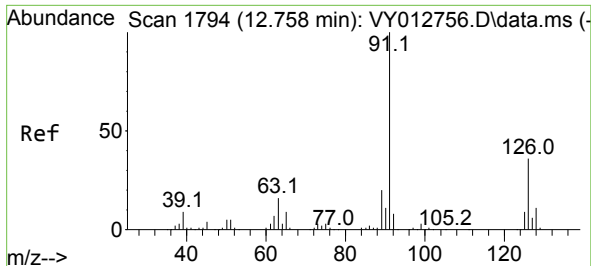
Tgt Ion: 91 Resp: 132039

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.356 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

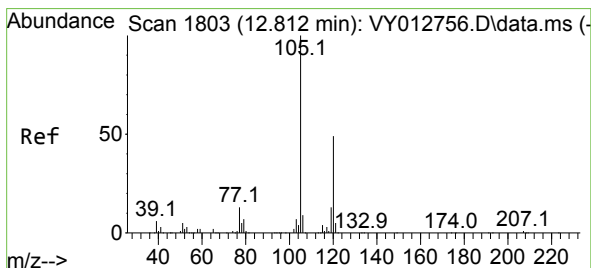
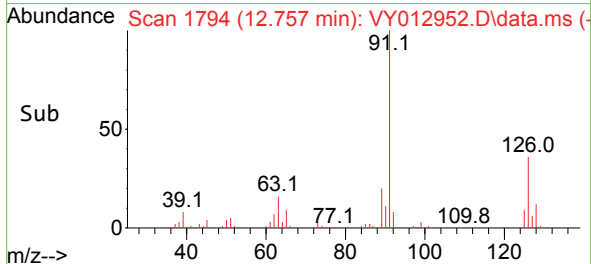
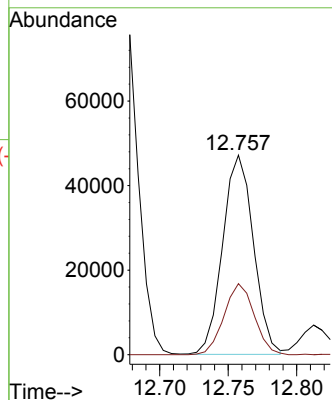
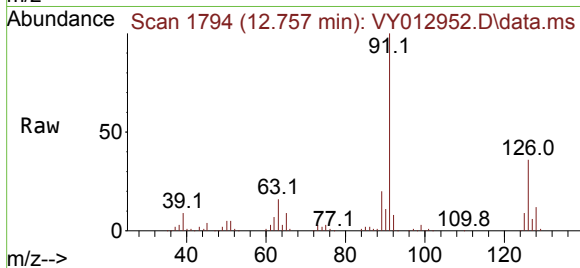
VY0315SBS01

Tgt Ion: 91 Resp: 73813

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.302 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012952.D

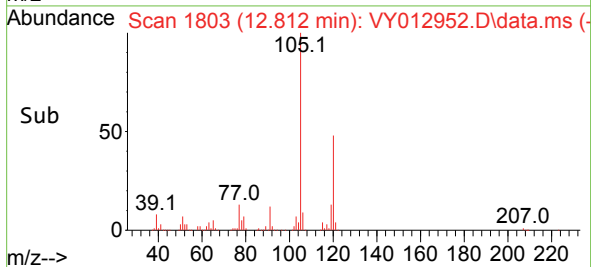
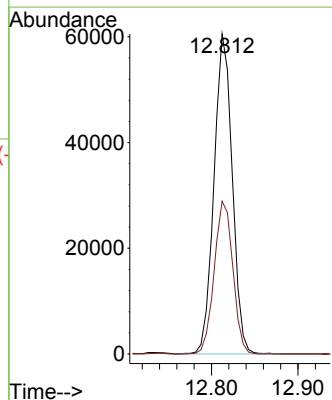
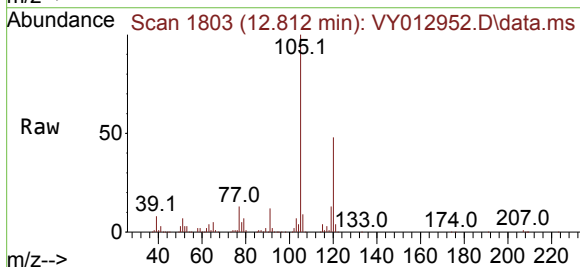
Acq: 15 Mar 2023 11:05

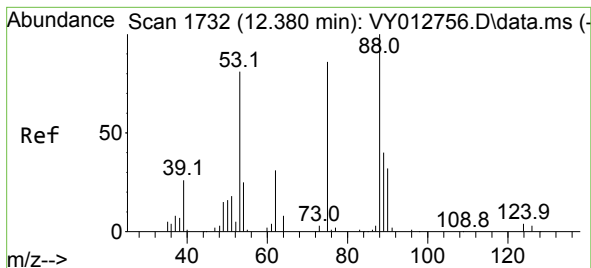
Tgt Ion:105 Resp: 88677

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4

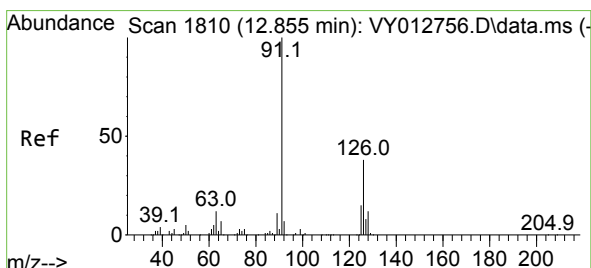
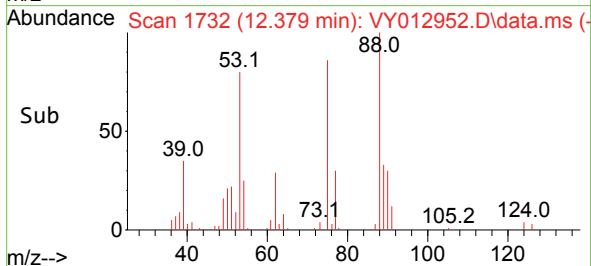
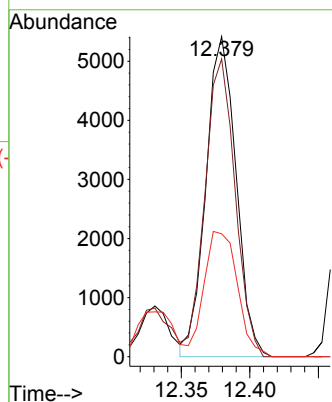
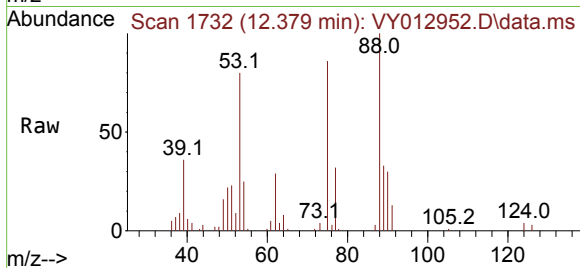




#81
trans-1,4-Dichloro-2-butene
Concen: 20.181 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

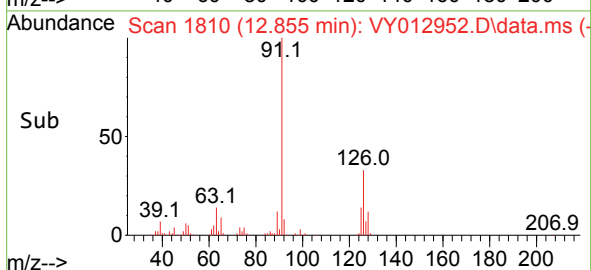
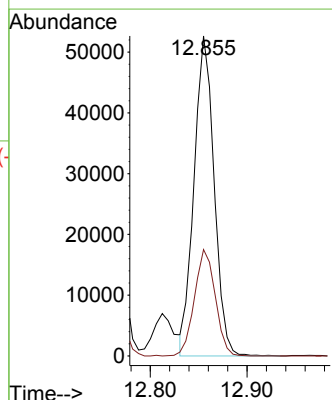
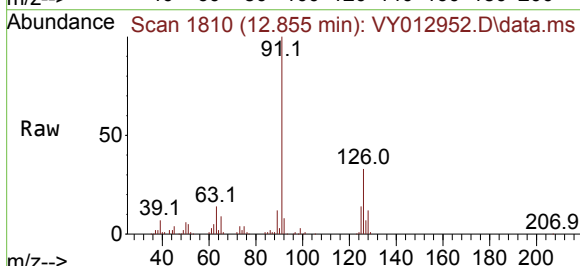
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

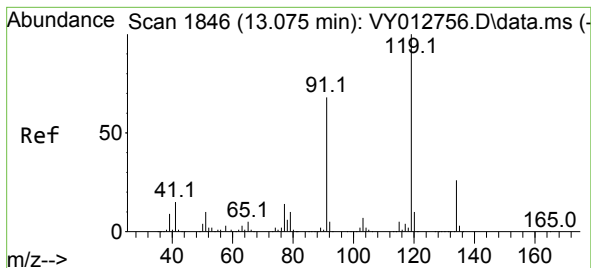
Tgt Ion:	75	Resp:	8278
Ion	Ratio	Lower	Upper
75	100		
53	93.1	73.4	110.0
89	43.0	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.231 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion:	91	Resp:	75963
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.7	53.1





#83

tert-Butylbenzene

Concen: 21.203 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

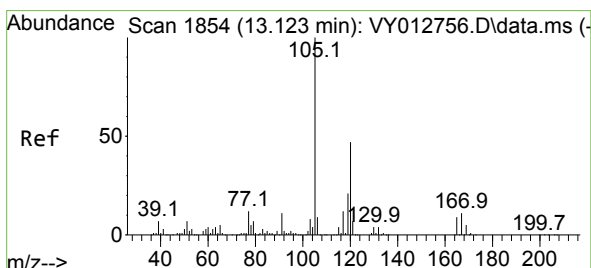
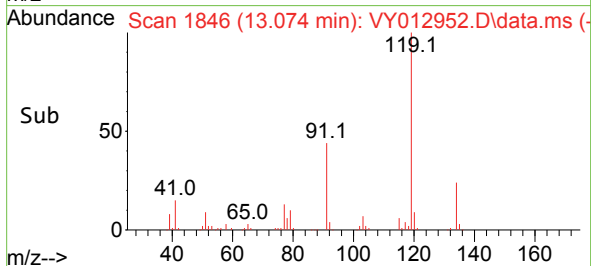
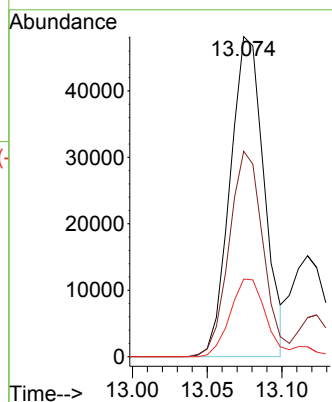
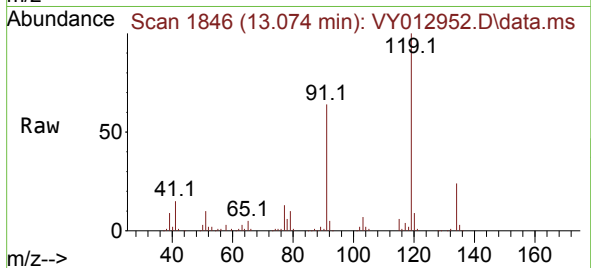
Tgt Ion:119 Resp: 76182

Ion Ratio Lower Upper

119 100

91 64.3 32.8 98.3

134 25.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.653 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012952.D

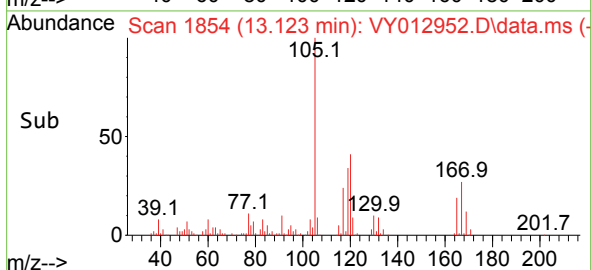
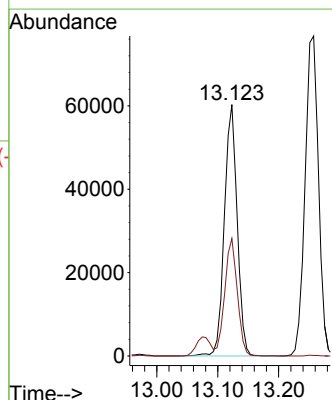
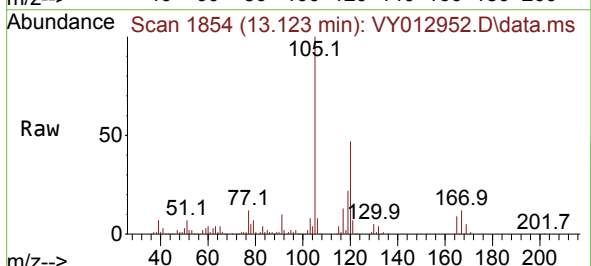
Acq: 15 Mar 2023 11:05

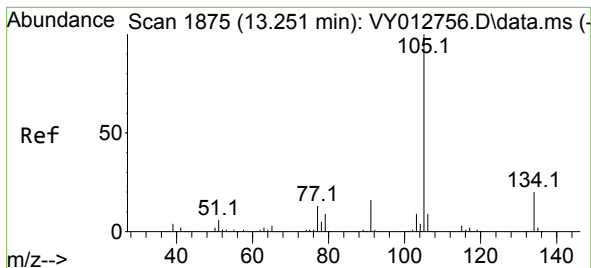
Tgt Ion:105 Resp: 88138

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.375 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

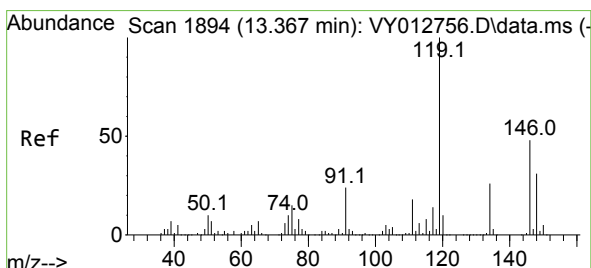
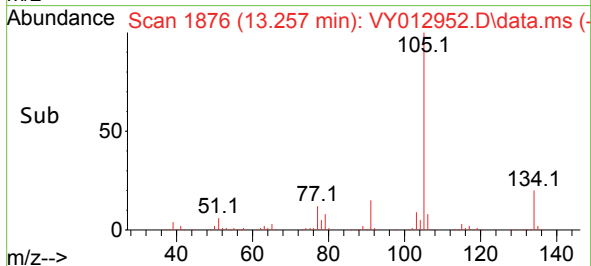
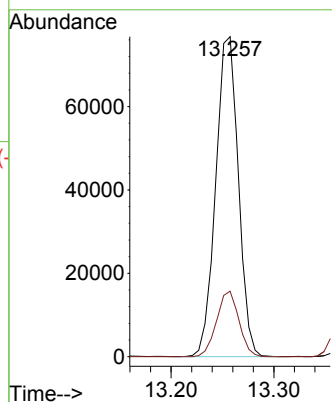
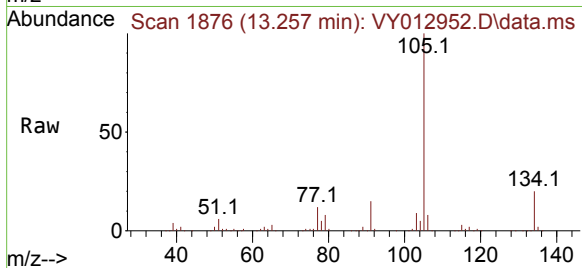
VY0315SBS01

Tgt Ion:105 Resp: 117161

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.362 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

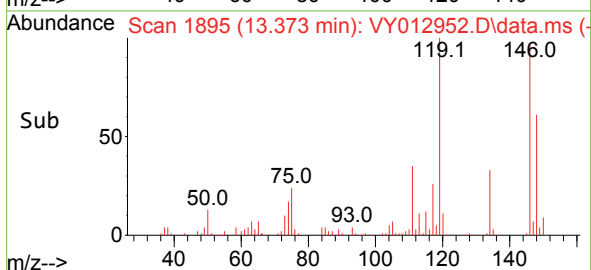
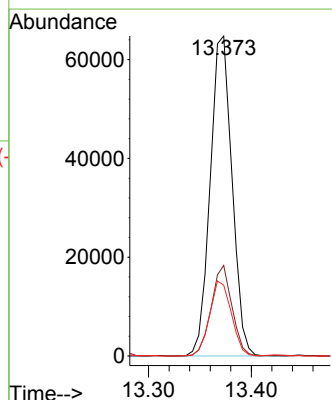
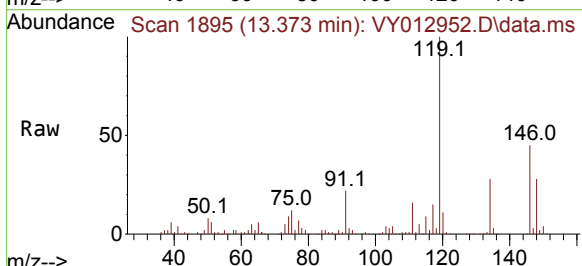
Tgt Ion:119 Resp: 95697

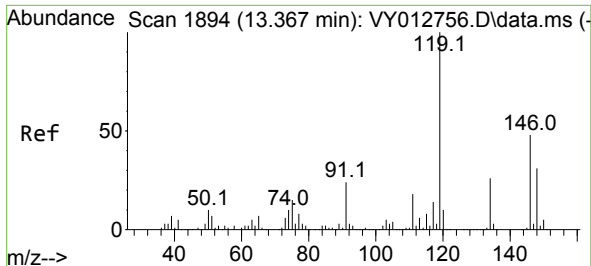
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 21.726 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

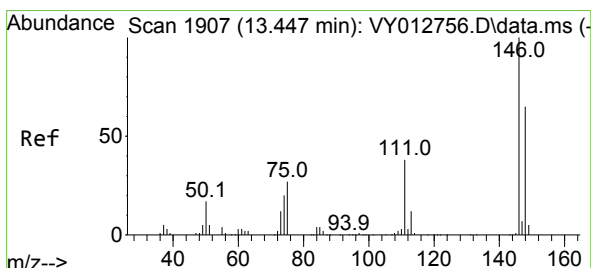
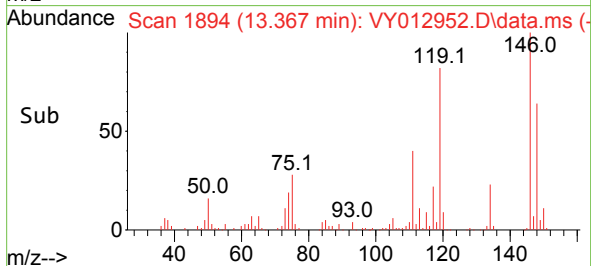
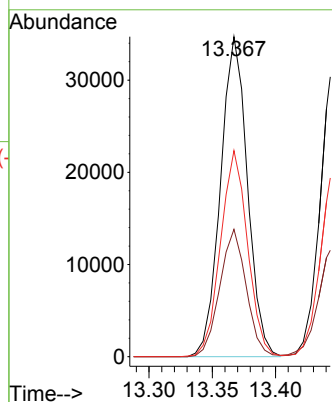
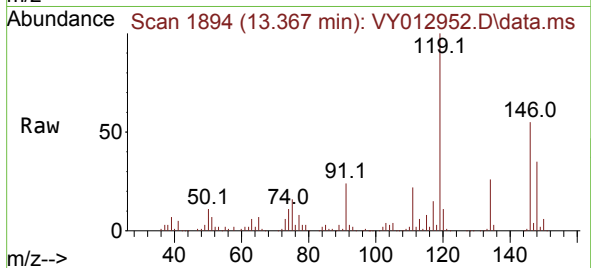
Tgt Ion:146 Resp: 51347

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.271 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

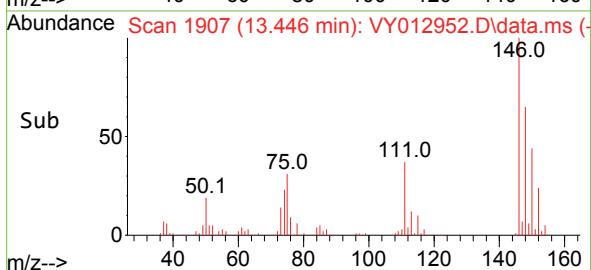
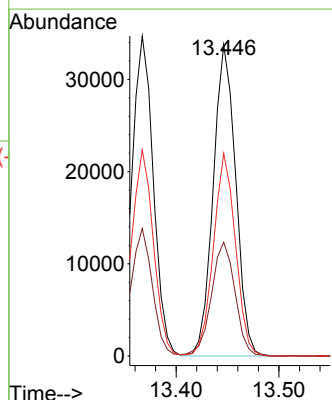
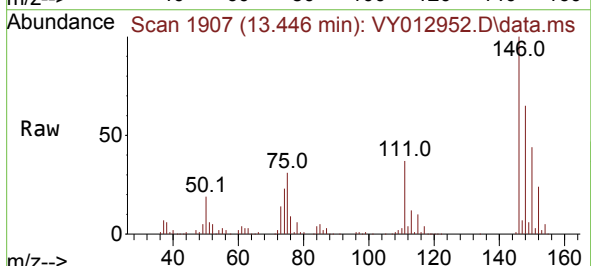
Tgt Ion:146 Resp: 51306

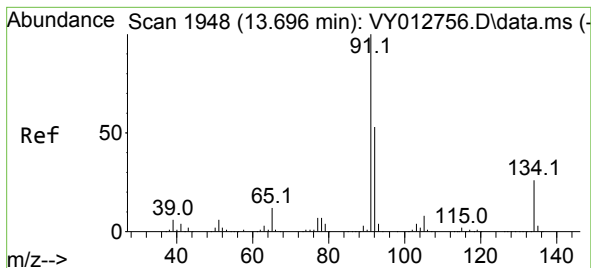
Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 20.896 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

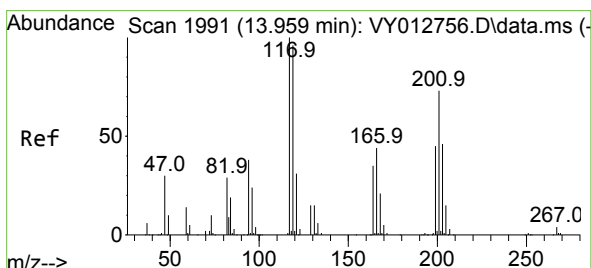
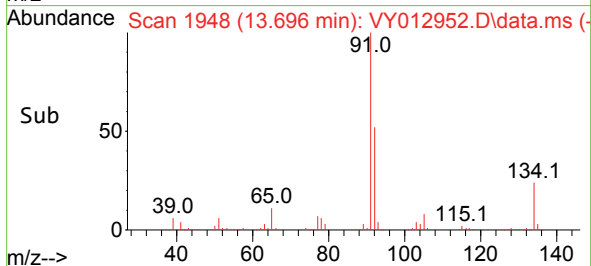
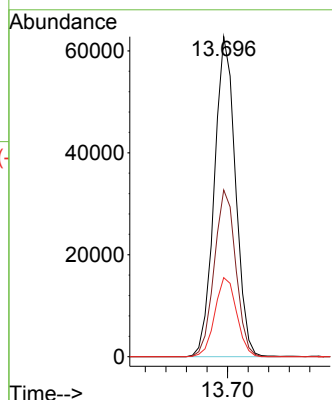
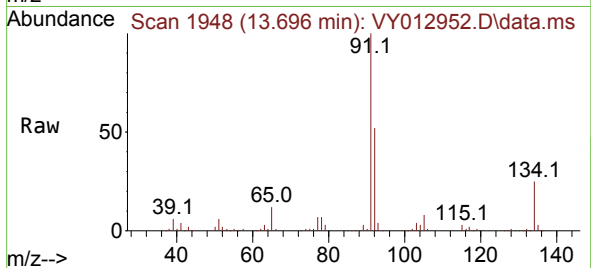
Tgt Ion: 91 Resp: 89615

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 21.987 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012952.D

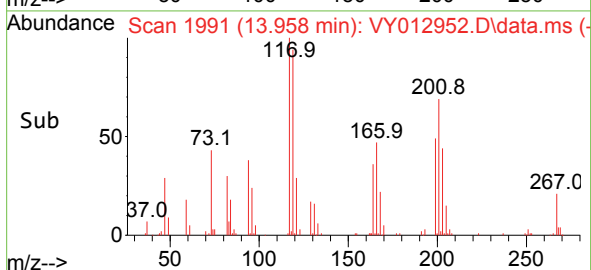
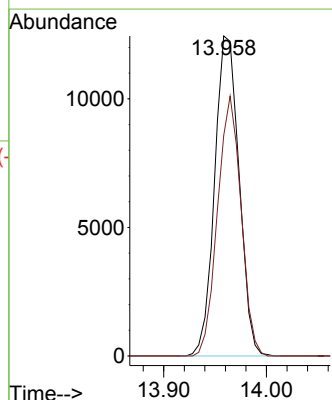
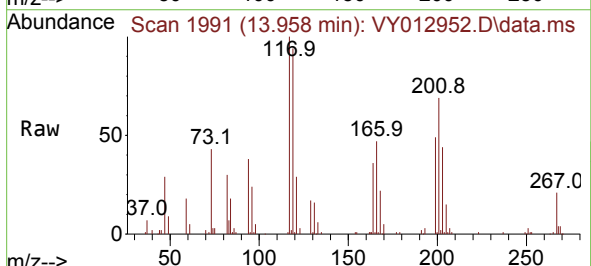
Acq: 15 Mar 2023 11:05

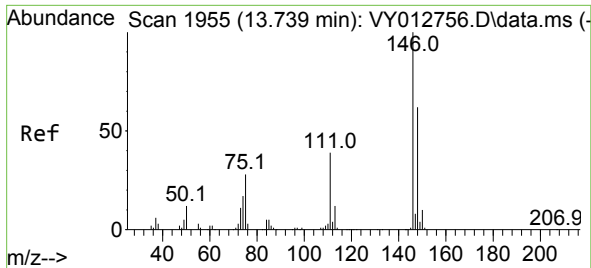
Tgt Ion: 117 Resp: 20515

Ion Ratio Lower Upper

117 100

201 78.0 39.4 118.1

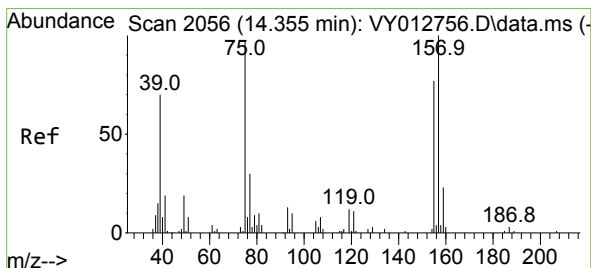
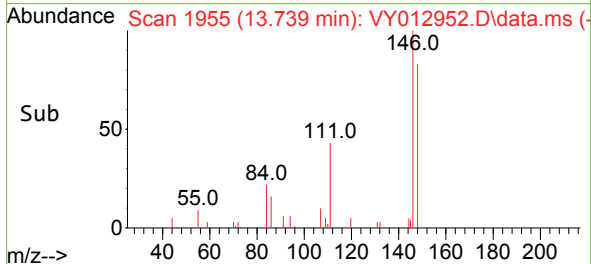
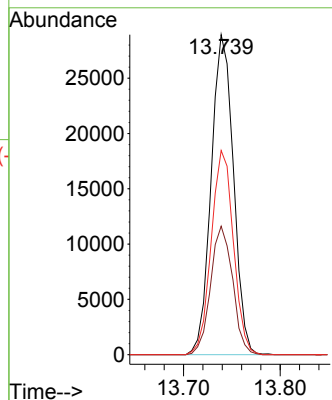
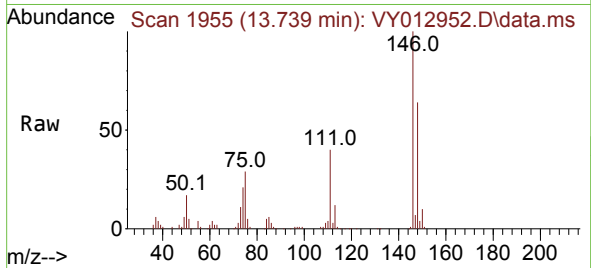




#91
1,2-Dichlorobenzene
Concen: 21.669 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

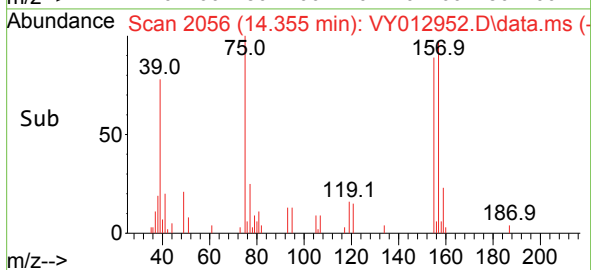
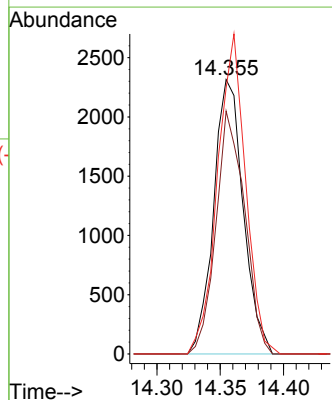
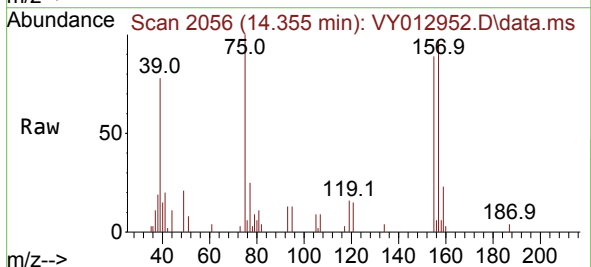
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

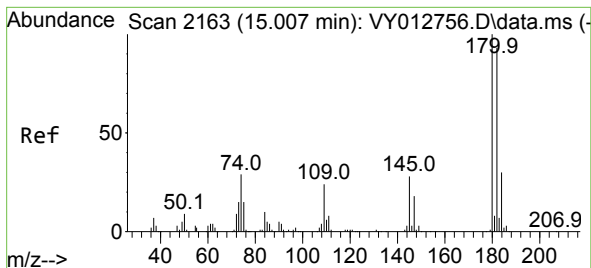
Tgt Ion:146	Resp:	46294
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.7 59.1
148	63.6	31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.567 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012952.D
Acq: 15 Mar 2023 11:05

Tgt Ion: 75	Resp:	3769
Ion Ratio	Lower	Upper
75	100	
155	85.8	43.8 131.4
157	110.3	54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.288 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

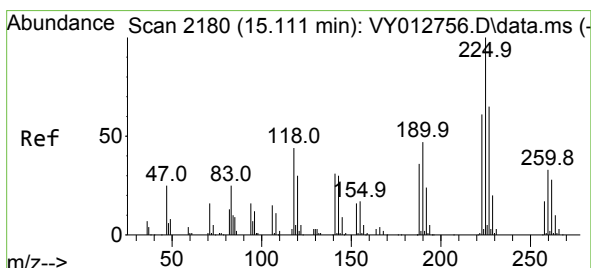
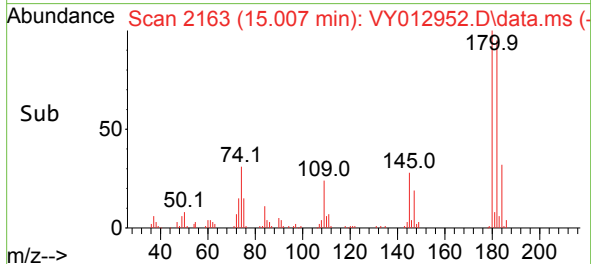
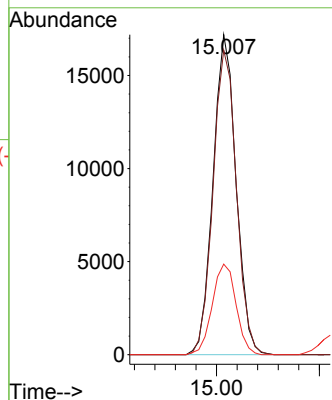
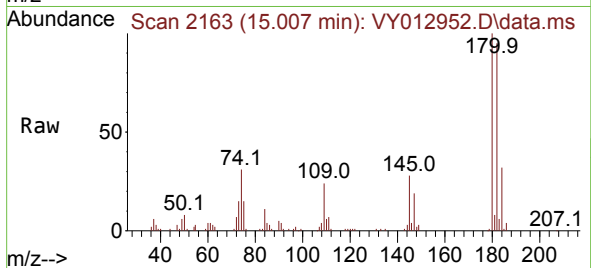
Tgt Ion:180 Resp: 26687

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.1

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.526 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

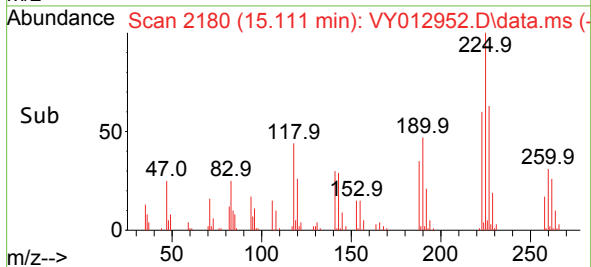
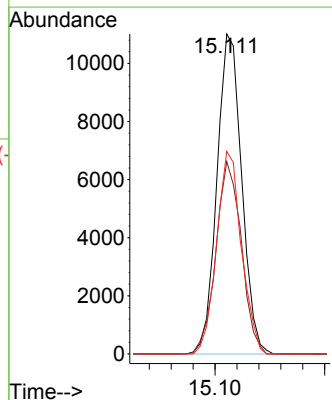
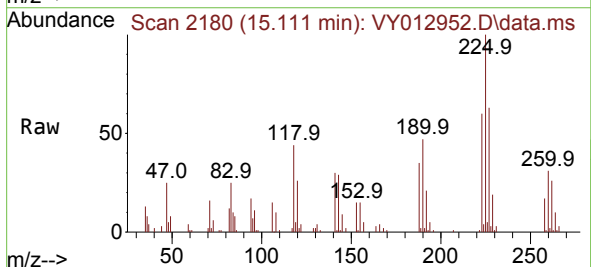
Tgt Ion:225 Resp: 17270

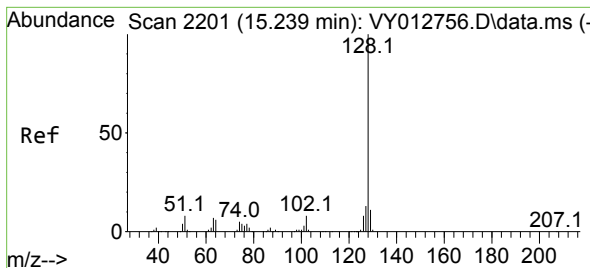
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.3

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 19.219 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

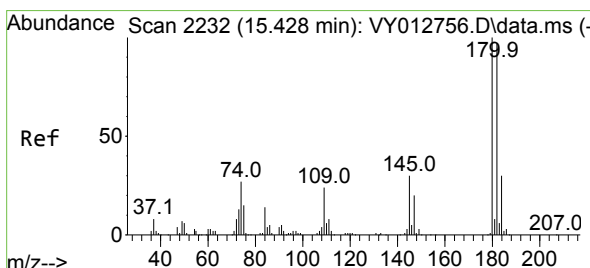
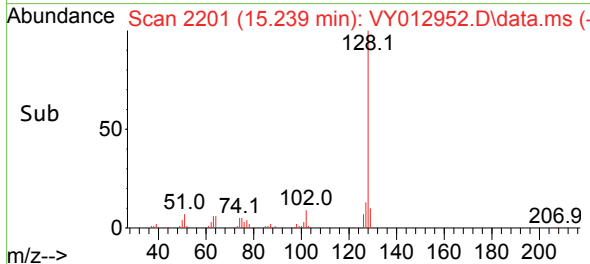
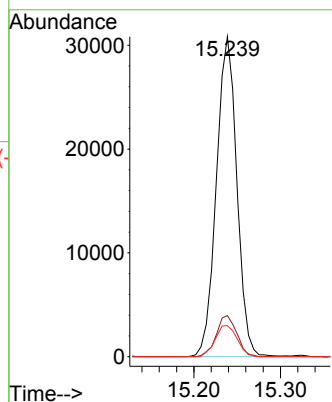
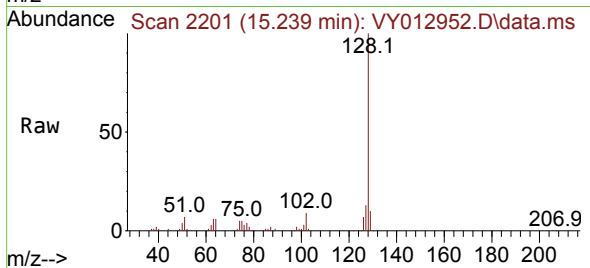
Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

Tgt Ion:128	Resp:	50661
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	10.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.656 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012952.D

Acq: 15 Mar 2023 11:05

Tgt Ion:180	Resp:	24165
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.4 142.3
145	30.1	15.3 45.8

