

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012935.D
 Acq On : 14 Mar 2023 12:15
 Operator : KP/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 01:40:53 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	102189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47630	46.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.880%
35) Dibromofluoromethane	7.716	113	45146	48.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.580%
50) Toluene-d8	10.179	98	153490	45.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.483	95	55778	48.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	22341	22.181	ug/l	96
3) Chloromethane	2.113	50	24635	20.459	ug/l	100
4) Vinyl Chloride	2.253	62	23282	21.085	ug/l	98
5) Bromomethane	2.638	94	13635	20.322	ug/l	94
6) Chloroethane	2.790	64	14196	21.467	ug/l	99
7) Trichlorofluoromethane	3.125	101	40726	22.207	ug/l	97
8) Diethyl Ether	3.528	74	14178	22.061	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	23928	21.687	ug/l	96
10) Methyl Iodide	4.088	142	29390	20.443	ug/l	98
11) Tert butyl alcohol	4.942	59	19368	158.622	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	22570	21.448	ug/l	94
13) Acrolein	3.729	56	16831	94.685	ug/l	100
14) Allyl chloride	4.479	41	36970	19.019	ug/l	97
15) Acrylonitrile	5.161	53	41497	122.547	ug/l	98
16) Acetone	3.948	43	45123	113.306	ug/l	97
17) Carbon Disulfide	4.192	76	70184	19.594	ug/l	99
18) Methyl Acetate	4.479	43	26281	22.160	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	61431	22.601	ug/l	95
20) Methylene Chloride	4.710	84	30355	21.966	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	23899	20.899	ug/l	98
22) Diisopropyl ether	6.119	45	75171	21.291	ug/l	95
23) Vinyl Acetate	6.058	43	244378	111.400	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43696	21.720	ug/l	98
25) 2-Butanone	6.984	43	59020	119.655	ug/l	100
26) 2,2-Dichloropropane	6.984	77	39644	22.187	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	26534	21.642	ug/l	98
28) Bromochloromethane	7.332	49	16072	21.860	ug/l	94
29) Tetrahydrofuran	7.344	42	35627	119.758	ug/l	96
30) Chloroform	7.509	83	44790	22.539	ug/l	99
31) Cyclohexane	7.783	56	38850	19.993	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	40315	22.433	ug/l	100
36) 1,1-Dichloropropene	7.917	75	33509	21.610	ug/l	97
37) Ethyl Acetate	7.076	43	24152	24.712	ug/l	100
38) Carbon Tetrachloride	7.899	117	37234	23.253	ug/l	100
39) Methylcyclohexane	9.185	83	38456	20.860	ug/l	98
40) Benzene	8.161	78	97542	22.238	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	33966	64.506	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	31621	23.979	ug/l	100
43) Isopropyl Acetate	8.271	43	41194	23.625	ug/l	100
44) Trichloroethene	8.941	130	26061	22.535	ug/l	95
45) 1,2-Dichloropropane	9.216	63	24430	22.038	ug/l	97
46) Dibromomethane	9.307	93	15342	24.293	ug/l	99
47) Bromodichloromethane	9.496	83	34685	23.306	ug/l	97
48) Methyl methacrylate	9.295	41	19238	23.945	ug/l	97
49) 1,4-Dioxane	9.307	88	4581	561.116	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	119611	126.461	ug/l	98
52) Toluene	10.246	92	60592	22.906	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	36368	23.298	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	40442	22.889	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20971	23.844	ug/l	98
56) Ethyl methacrylate	10.508	69	28067	23.933	ug/l	96
57) 1,3-Dichloropropane	10.788	76	35108	23.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	73762	119.816	ug/l	98
59) 2-Hexanone	10.831	43	88678	129.002	ug/l	99
60) Dibromochloromethane	10.984	129	25481	23.801	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20741	24.481	ug/l	97
64) Tetrachloroethene	10.721	164	22958	22.703	ug/l	98
65) Chlorobenzene	11.514	112	65845	22.589	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	24736	22.933	ug/l	99
67) Ethyl Benzene	11.593	91	111956	21.845	ug/l	99
68) m/p-Xylenes	11.703	106	87015	44.135	ug/l	99
69) o-Xylene	12.032	106	40724	22.132	ug/l	99
70) Styrene	12.044	104	69643	22.681	ug/l	99
71) Bromoform	12.209	173	17892	25.441	ug/l #	98
73) Isopropylbenzene	12.331	105	109774	21.207	ug/l	100
74) N-amyl acetate	12.142	43	35760	21.956	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	26817	23.046	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	34402	39.442	ug/l #	100
77) Bromobenzene	12.611	156	27305	21.713	ug/l	99
78) n-propylbenzene	12.672	91	136326	21.361	ug/l	100
79) 2-Chlorotoluene	12.758	91	76043	21.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	91262	21.363	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	9654	22.934	ug/l	100
82) 4-Chlorotoluene	12.855	91	79776	21.727	ug/l	98
83) tert-Butylbenzene	13.075	119	78877	21.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	91182	21.828	ug/l	100
85) sec-Butylbenzene	13.251	105	121937	21.678	ug/l	100
86) p-Isopropyltoluene	13.373	119	99527	21.649	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	54044	22.283	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	53149	21.472	ug/l	97
89) n-Butylbenzene	13.697	91	92386	20.992	ug/l	99
90) Hexachloroethane	13.959	117	20468	21.376	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	48845	22.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4653	24.742	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	28551	21.151	ug/l	98
94) Hexachlorobutadiene	15.111	225	17625	21.407	ug/l	99
95) Naphthalene	15.239	128	60634	22.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26245	21.861	ug/l	99

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Acq On : 14 Mar 2023 12:15
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Sample : VY0314SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

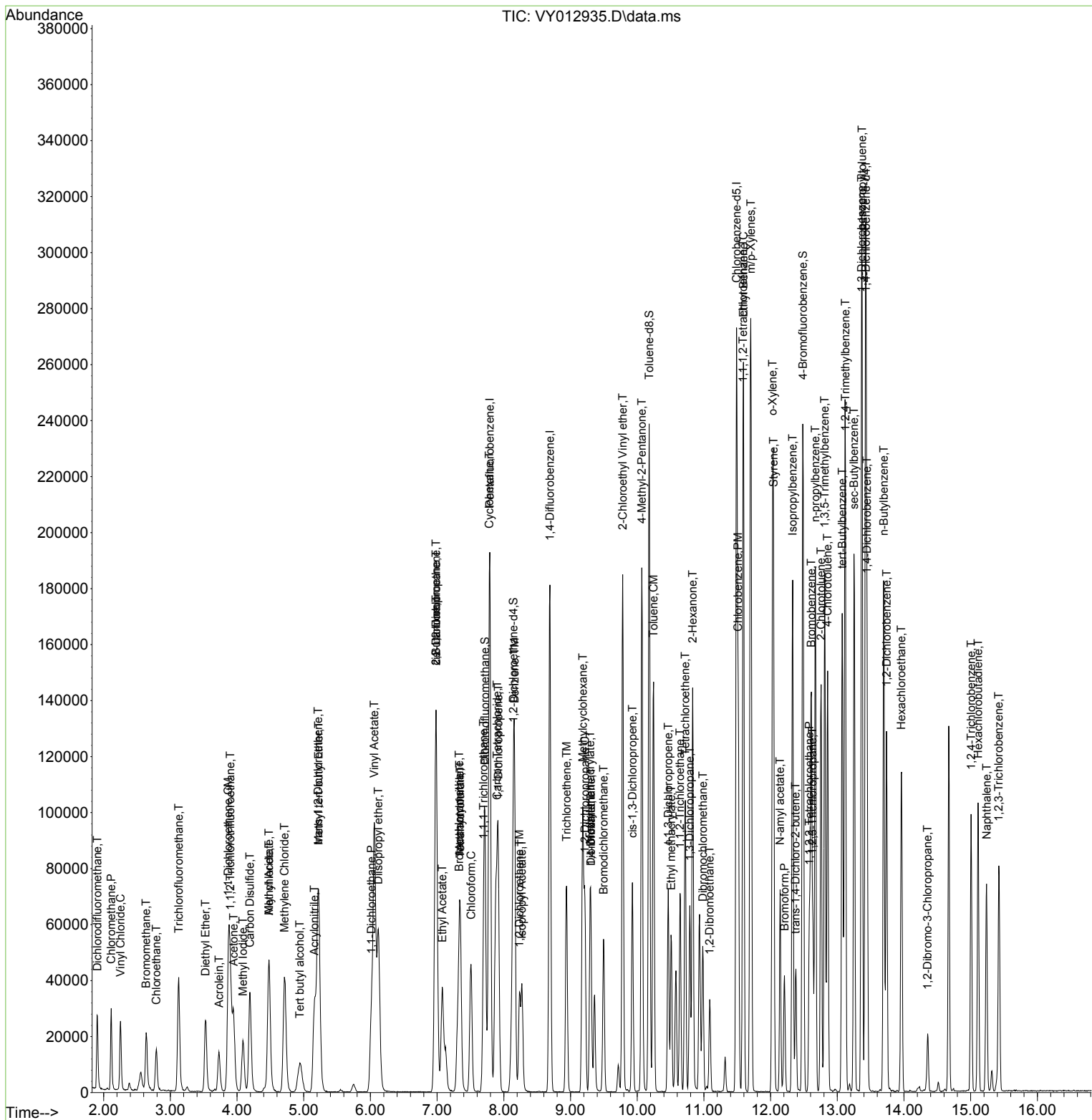
Quant Time: Mar 15 01:40:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

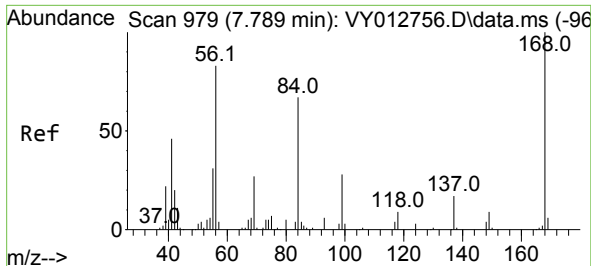
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

Quant Time: Mar 15 01:40:53 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

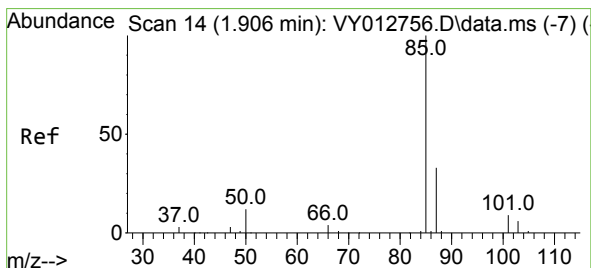
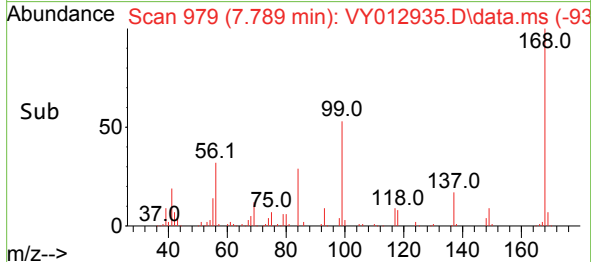
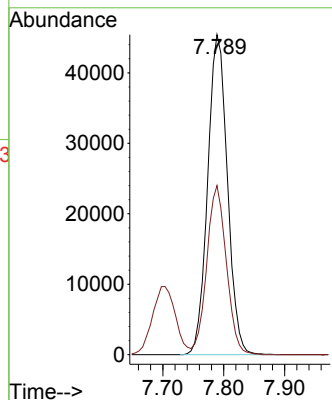
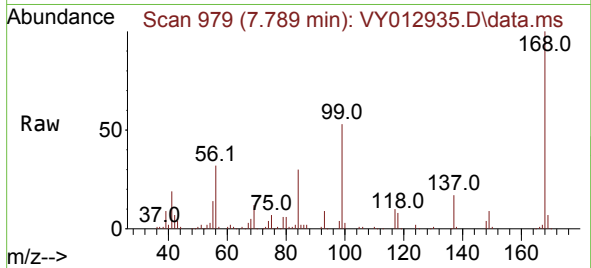




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

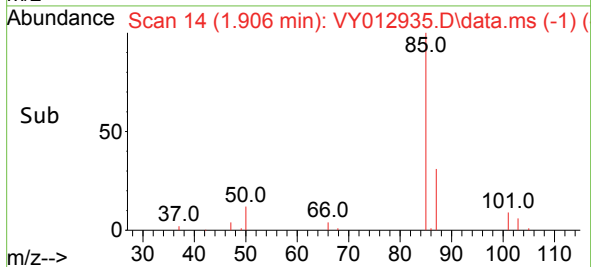
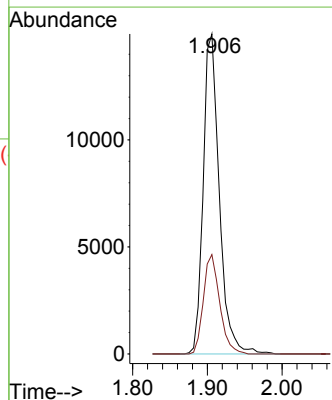
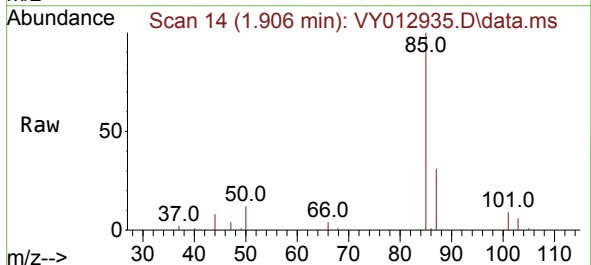
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

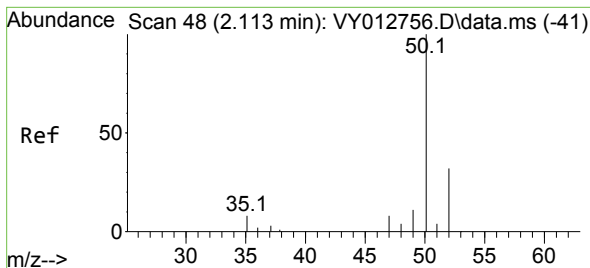
Tgt Ion:168 Resp: 102189
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 22.181 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 85 Resp: 22341
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0





#3

Chloromethane

Concen: 20.459 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

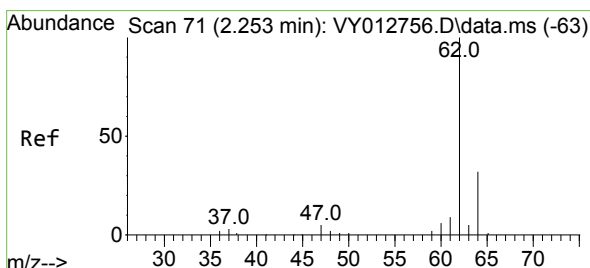
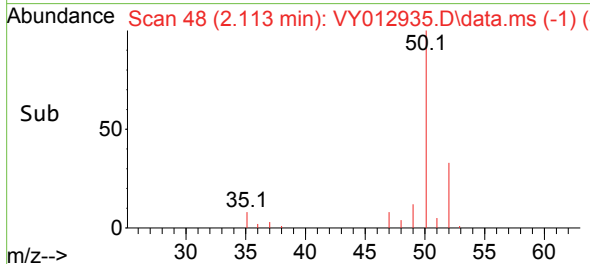
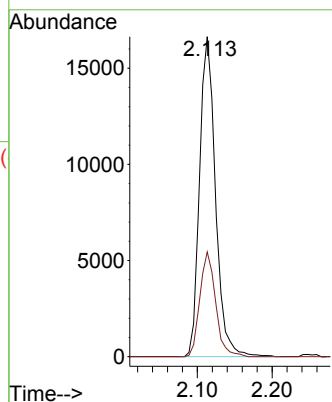
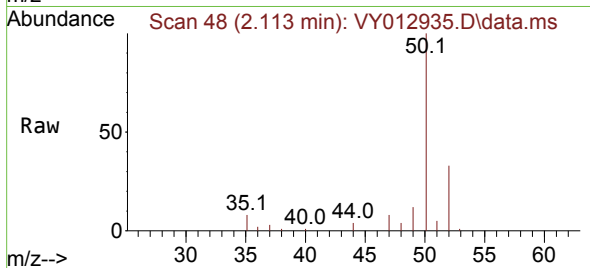
VY0314SBS01

Tgt Ion: 50 Resp: 24635

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 21.085 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012935.D

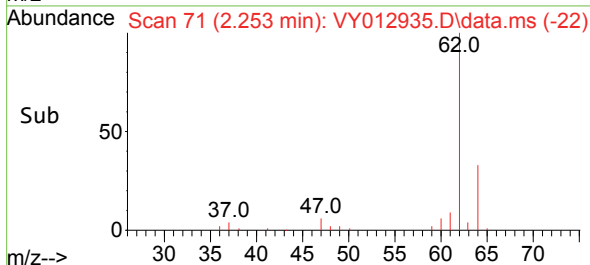
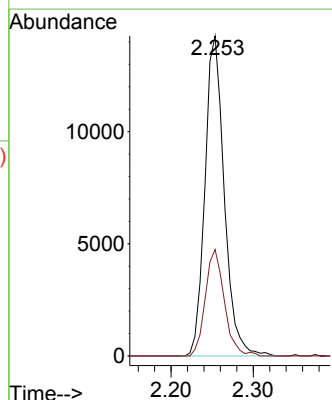
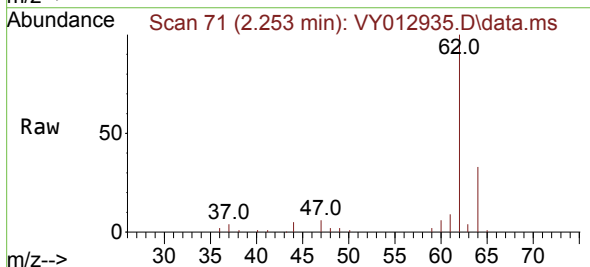
Acq: 14 Mar 2023 12:15

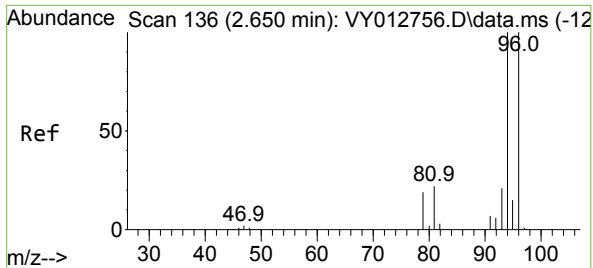
Tgt Ion: 62 Resp: 23282

Ion Ratio Lower Upper

62 100

64 33.2 25.6 38.4

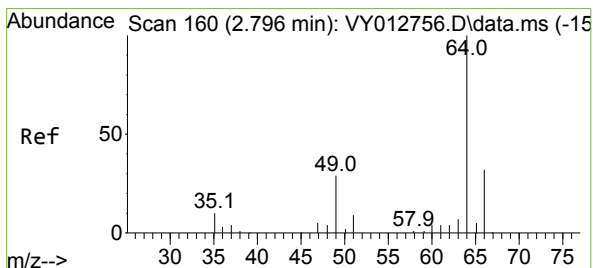
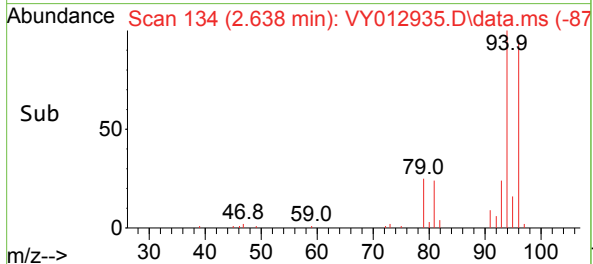
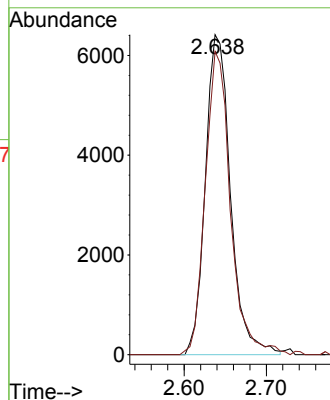
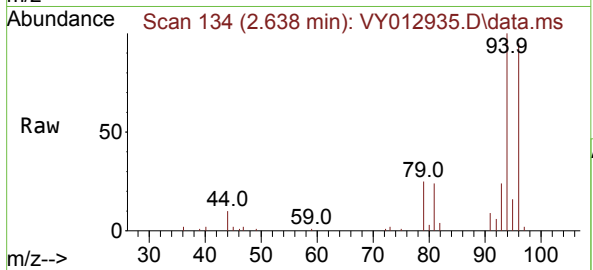




#5
Bromomethane
Concen: 20.322 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

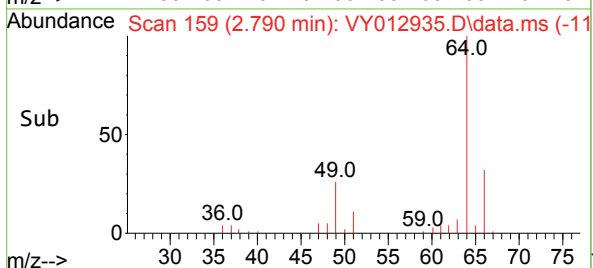
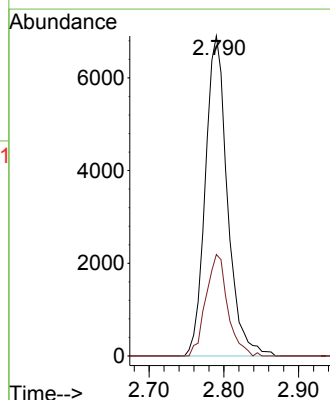
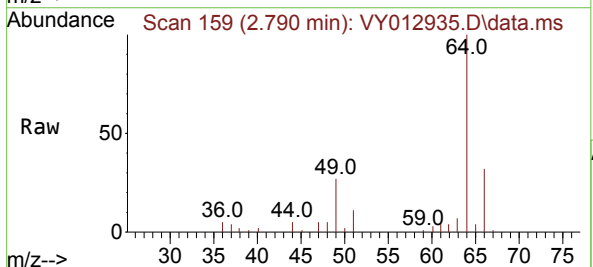
Instrument :
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ClientSampleId :
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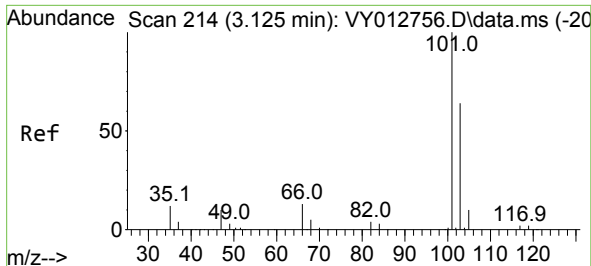
Tgt Ion: 94 Resp: 13635
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 21.467 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 64 Resp: 14196
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5

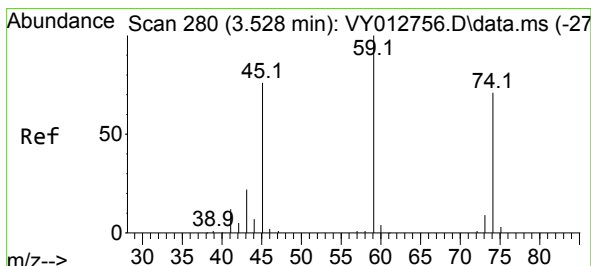
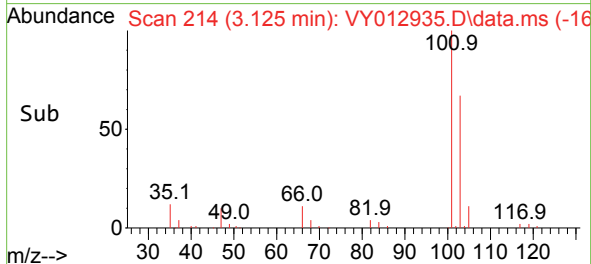
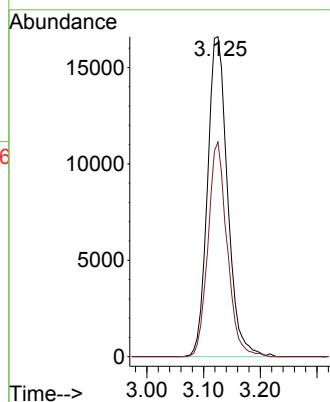
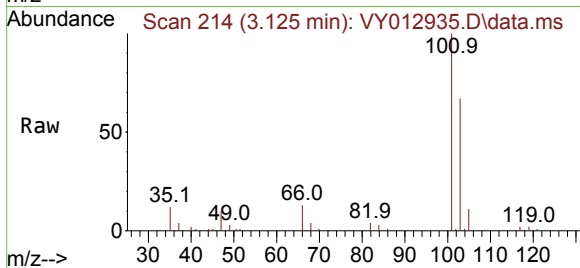




#7
Trichlorofluoromethane
Concen: 22.207 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

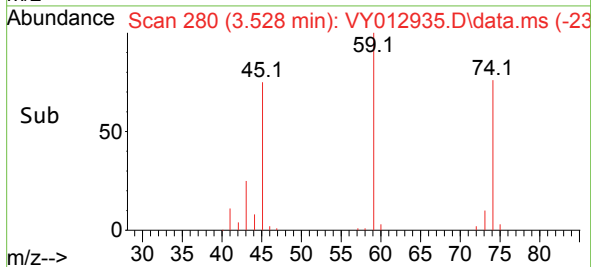
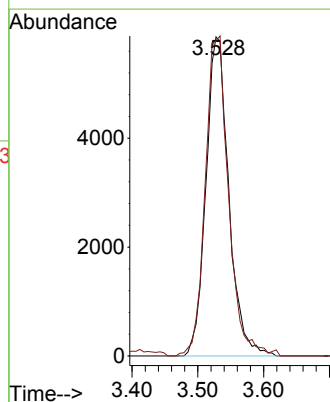
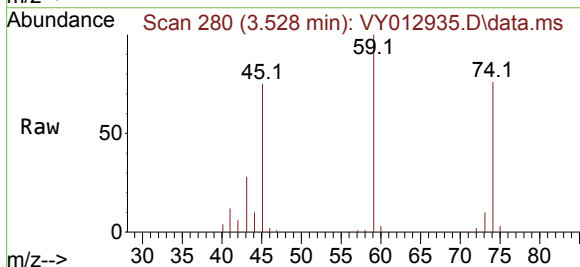
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

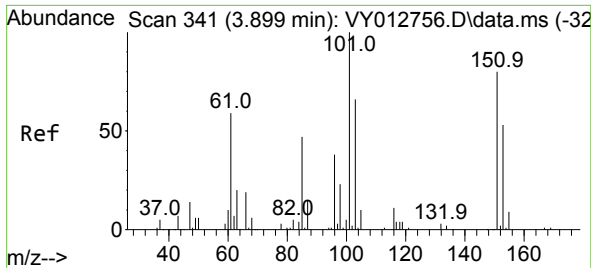
Tgt Ion:101 Resp: 40726
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3



#8
Diethyl Ether
Concen: 22.061 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 74 Resp: 14178
Ion Ratio Lower Upper
74 100
45 102.4 52.1 156.4

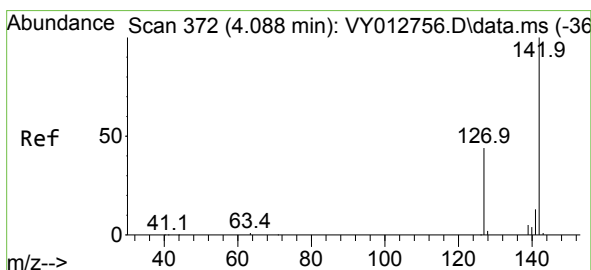
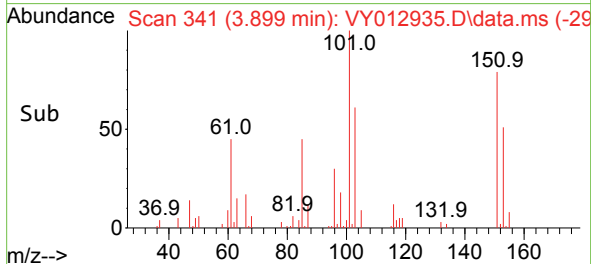
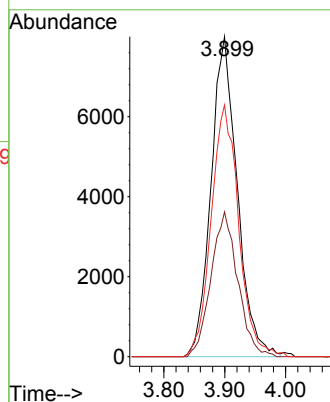
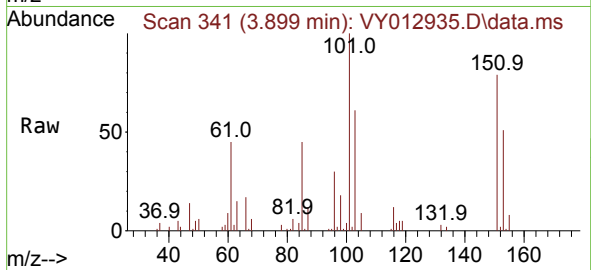




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.687 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

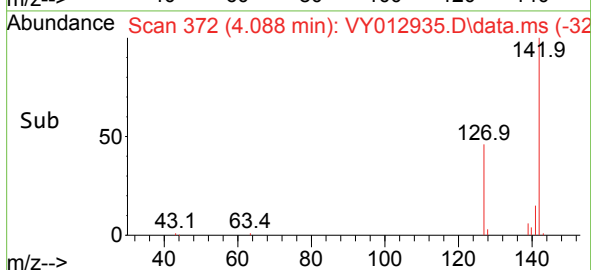
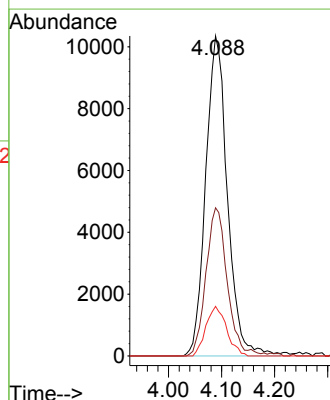
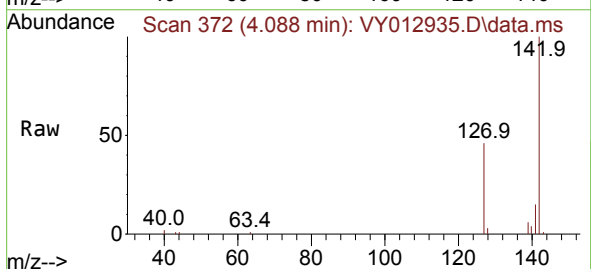
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

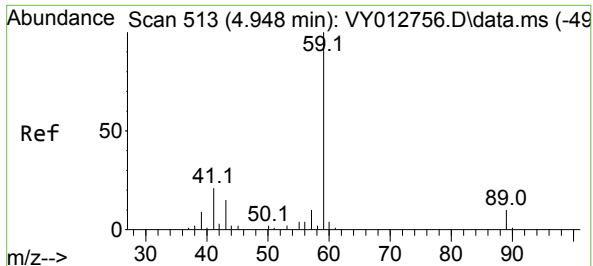
Tgt Ion:	101	Resp:	23928
Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.3	52.9
151	82.5	63.1	94.7



#10
Methyl Iodide
Concen: 20.443 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:	142	Resp:	29390
Ion	Ratio	Lower	Upper
142	100		
127	45.5	35.4	53.2
141	14.8	11.3	16.9

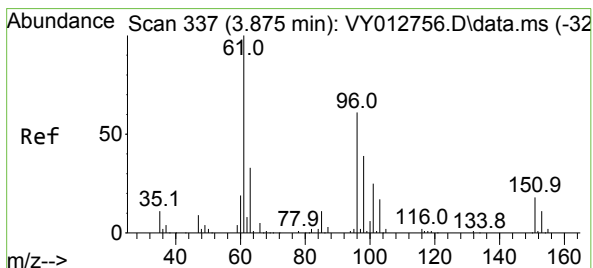
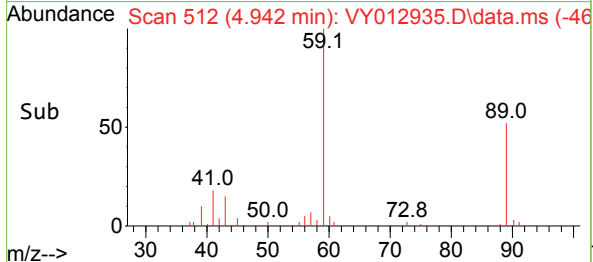
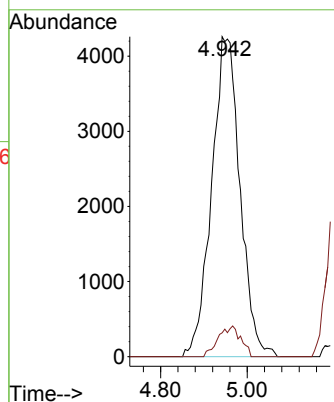
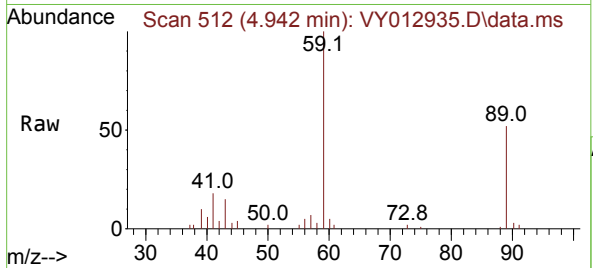




#11
Tert butyl alcohol
Concen: 158.622 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

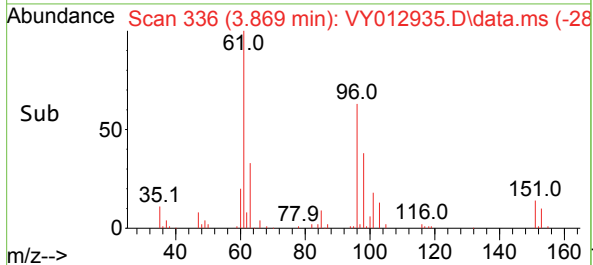
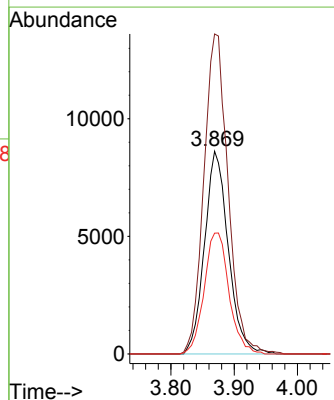
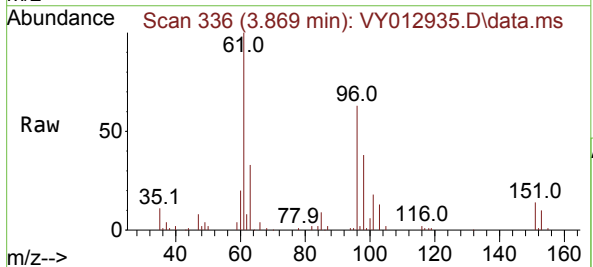
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

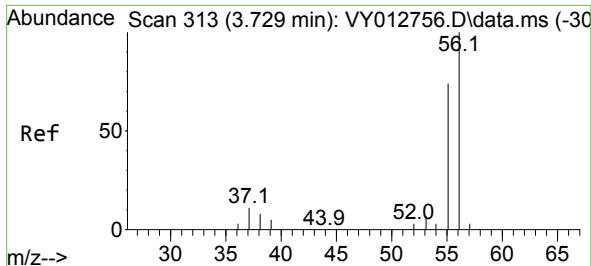
Tgt Ion: 59 Resp: 19368
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.448 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 96 Resp: 22570
Ion Ratio Lower Upper
96 100
61 157.8 131.7 197.5
98 59.6 52.0 78.0





#13

Acrolein

Concen: 94.685 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

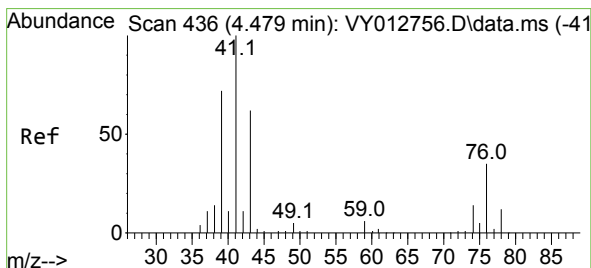
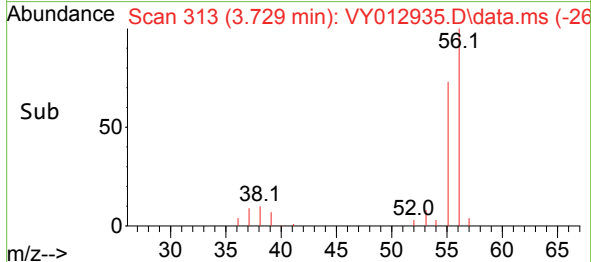
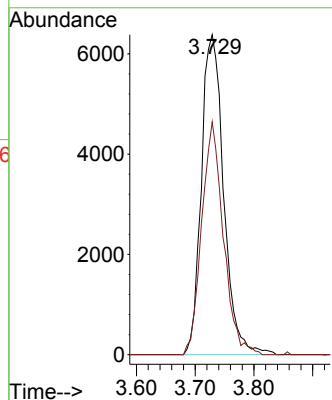
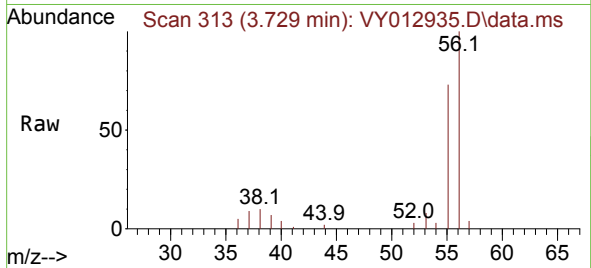
VY0314SBS01

Tgt Ion: 56 Resp: 16831

Ion Ratio Lower Upper

56 100

55 70.7 56.8 85.2



#14

Allyl chloride

Concen: 19.019 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

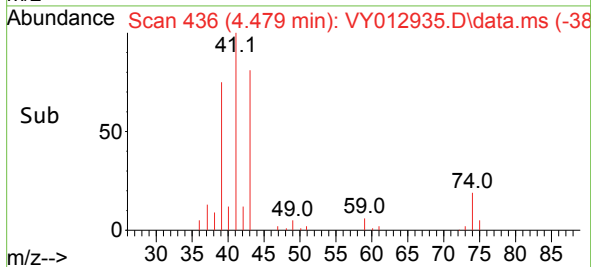
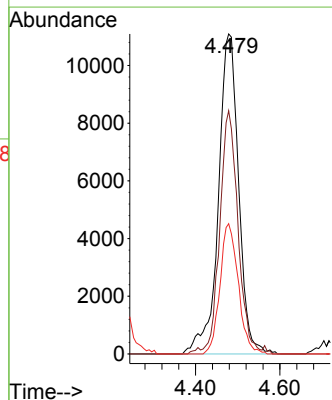
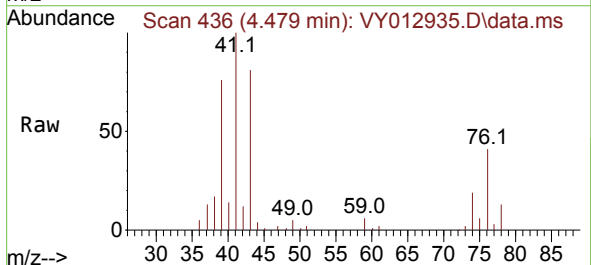
Tgt Ion: 41 Resp: 36970

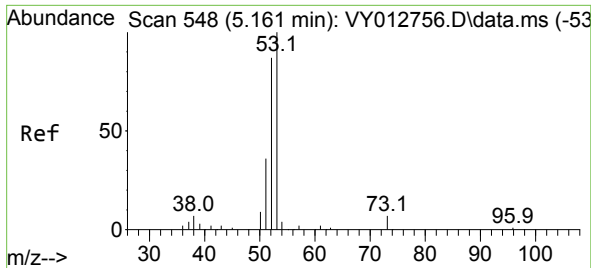
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 36.7 27.2 40.8

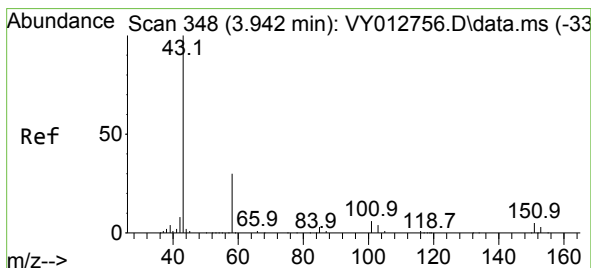
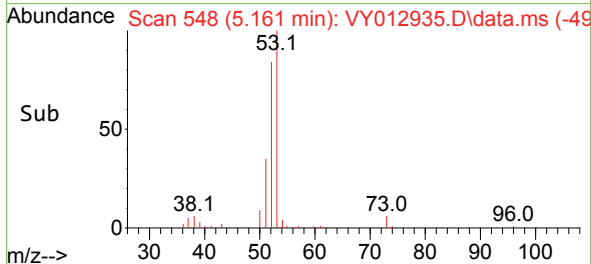
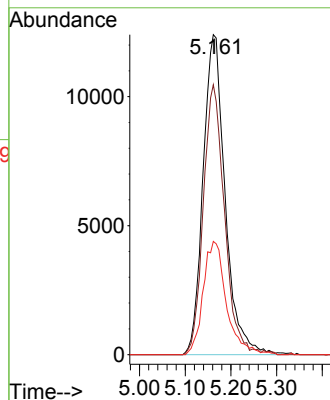
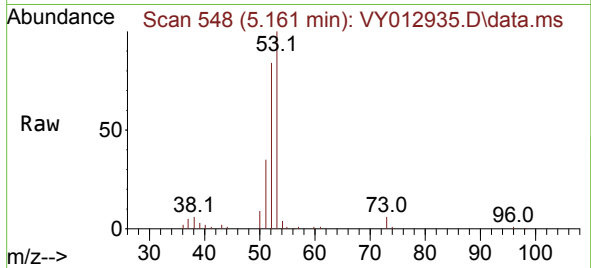




#15
Acrylonitrile
Concen: 122.547 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

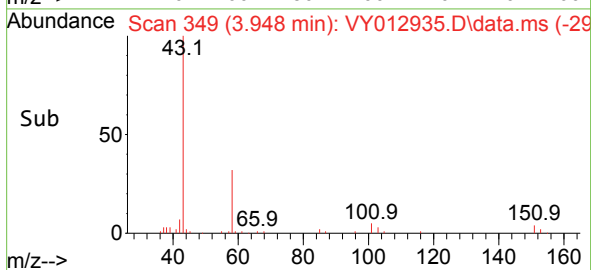
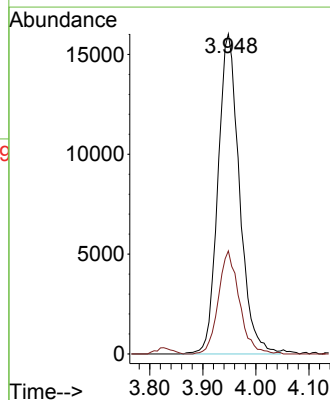
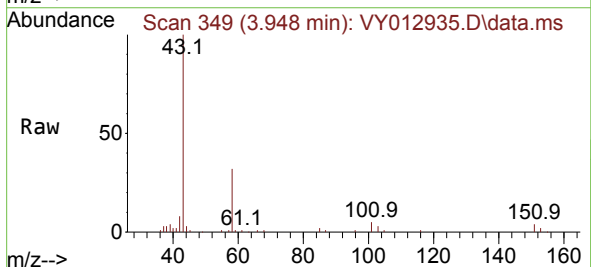
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

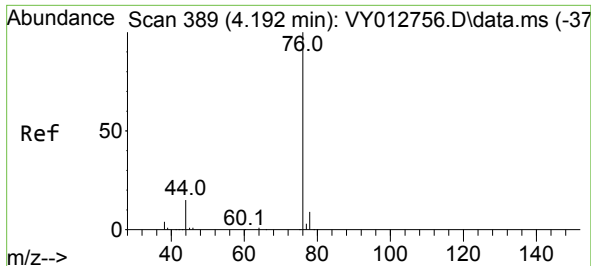
Tgt Ion: 53 Resp: 41497
Ion Ratio Lower Upper
53 100
52 81.0 66.3 99.5
51 37.4 28.8 43.2



#16
Acetone
Concen: 113.306 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 43 Resp: 45123
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.2

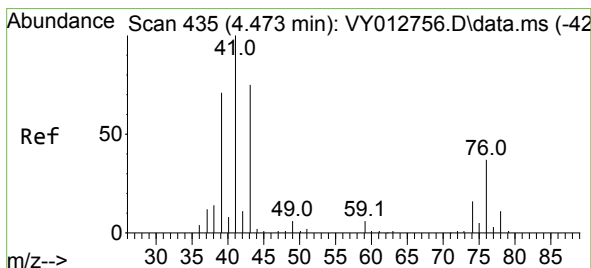
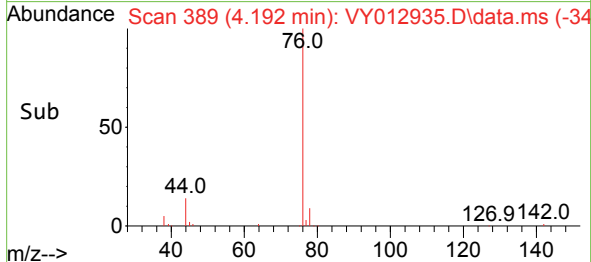
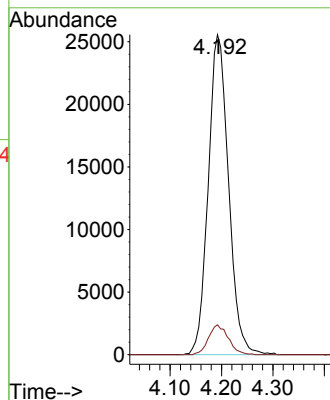
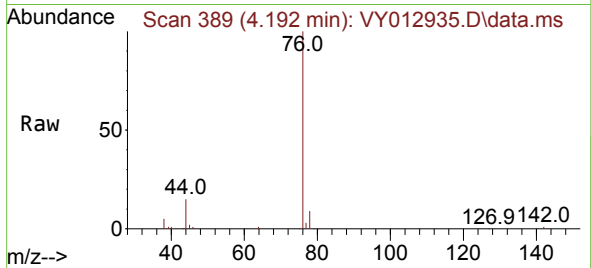




#17
Carbon Disulfide
Concen: 19.594 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

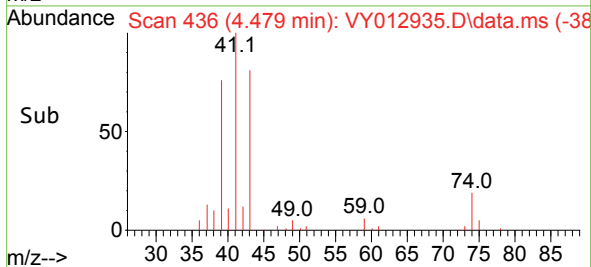
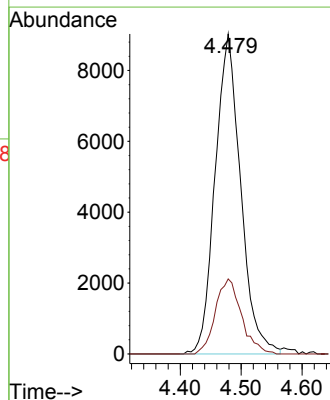
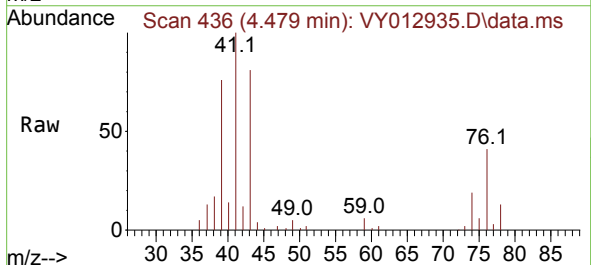
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

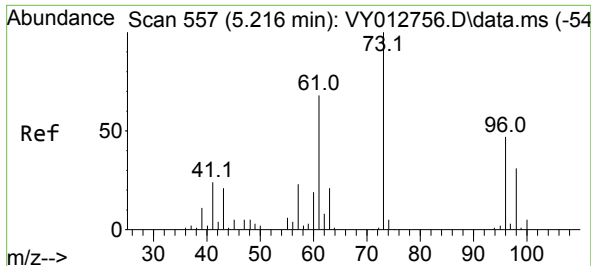
Tgt Ion: 76 Resp: 70184
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 22.160 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 43 Resp: 26281
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

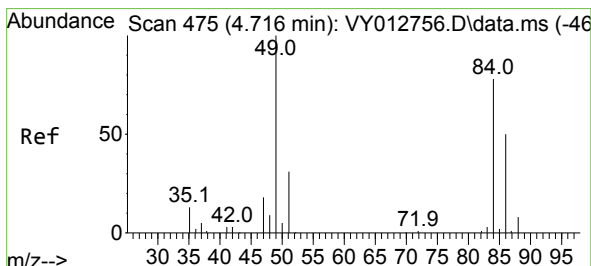
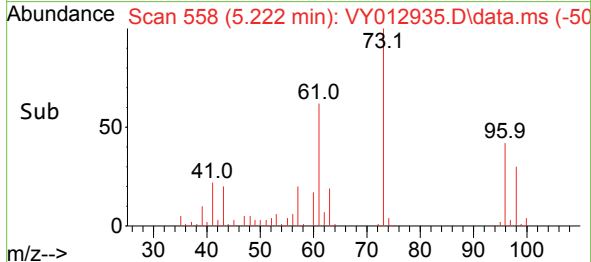
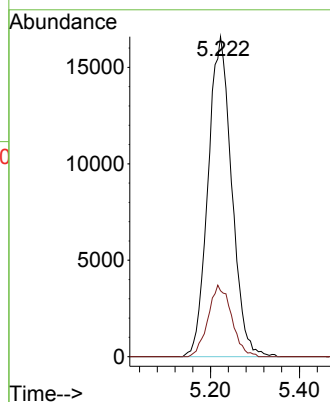
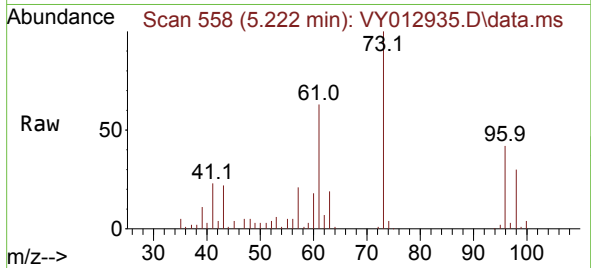




#19
Methyl tert-butyl Ether
Concen: 22.601 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

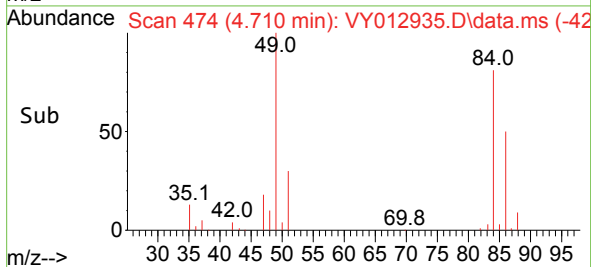
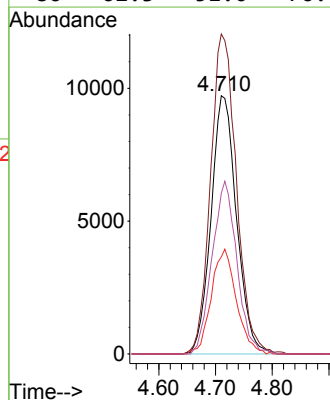
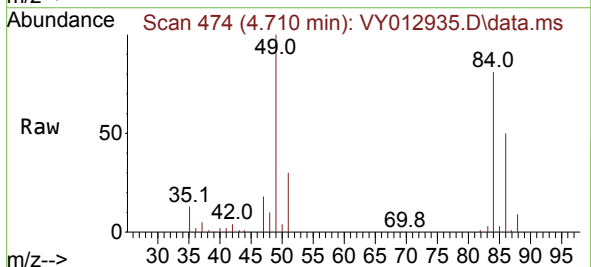
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

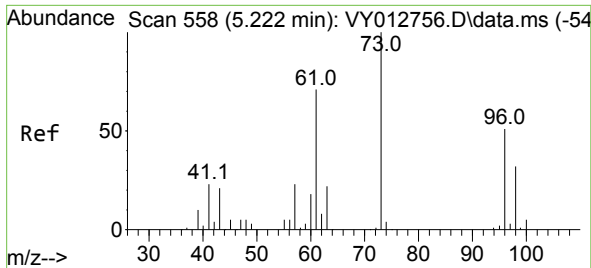
Tgt Ion: 73 Resp: 61431
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5



#20
Methylene Chloride
Concen: 21.966 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 84 Resp: 30355
Ion Ratio Lower Upper
84 100
49 123.9 102.6 154.0
51 37.6 31.9 47.9
86 62.3 51.0 76.6

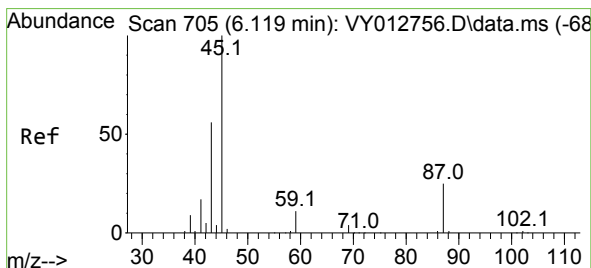
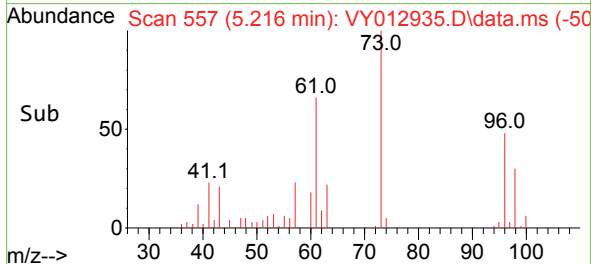
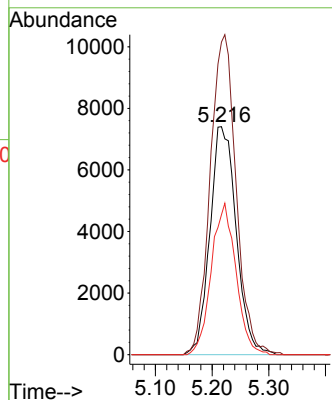
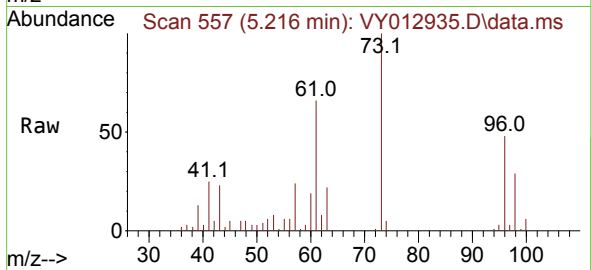




#21
trans-1,2-Dichloroethene
Concen: 20.899 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

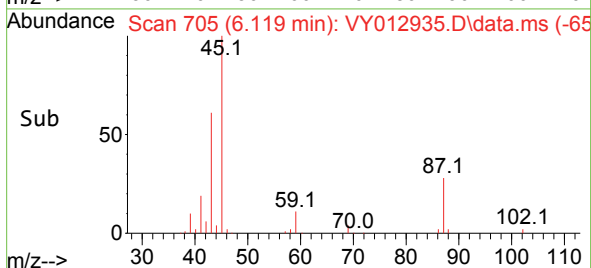
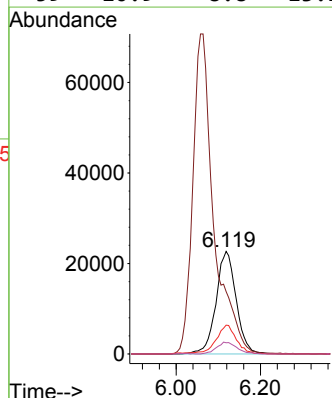
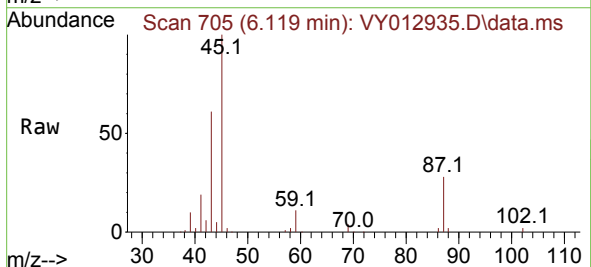
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

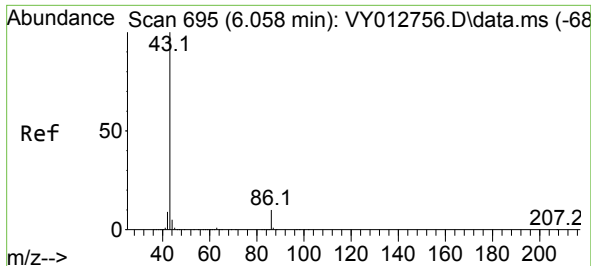
Tgt Ion: 96 Resp: 23899
Ion Ratio Lower Upper
96 100
61 137.1 111.4 167.0
98 61.4 50.8 76.2



#22
Diisopropyl ether
Concen: 21.291 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 45 Resp: 75171
Ion Ratio Lower Upper
45 100
43 60.0 45.0 67.6
87 28.2 20.3 30.5
59 10.9 8.8 13.2

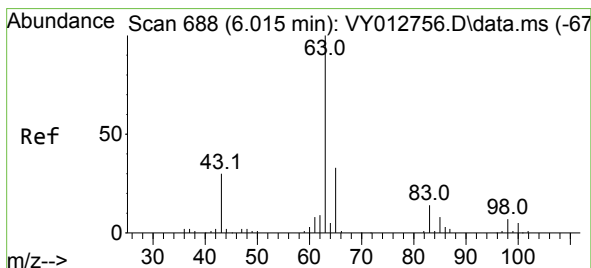
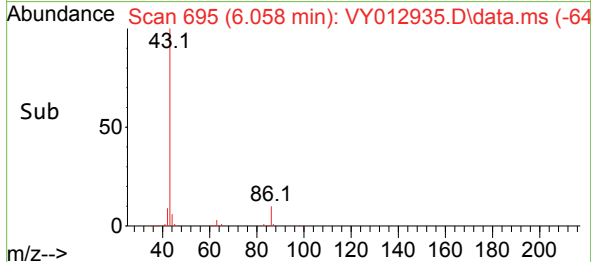
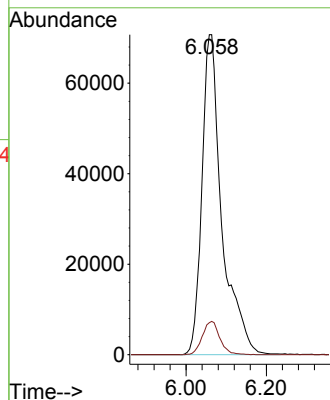
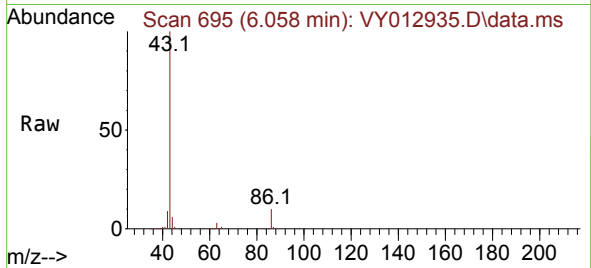




#23
 Vinyl Acetate
 Concen: 111.400 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

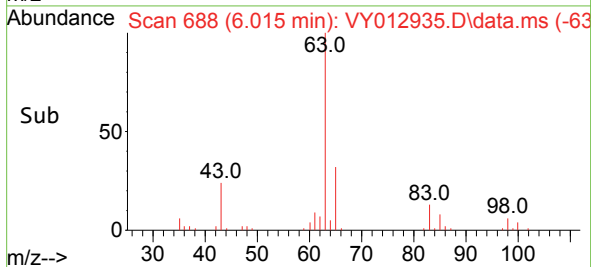
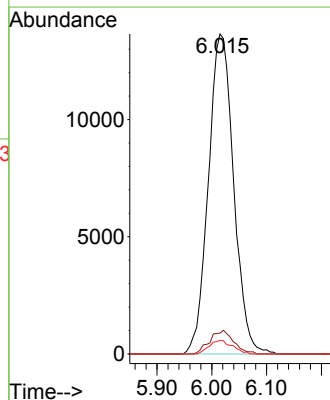
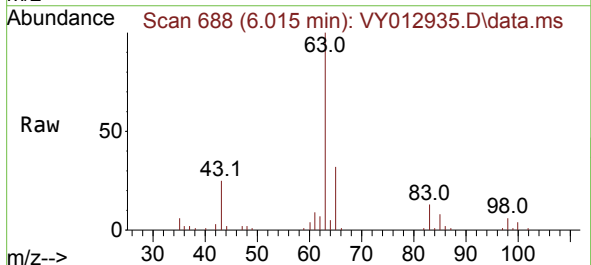
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

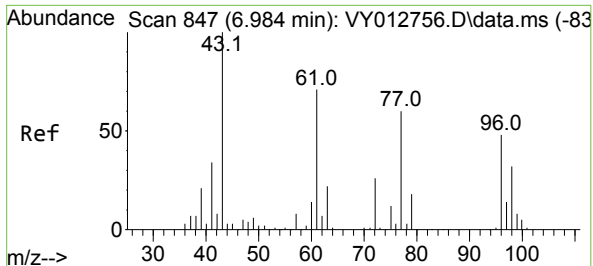
Tgt Ion: 43 Resp: 244378
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.720 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

Tgt Ion: 63 Resp: 43696
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 119.655 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

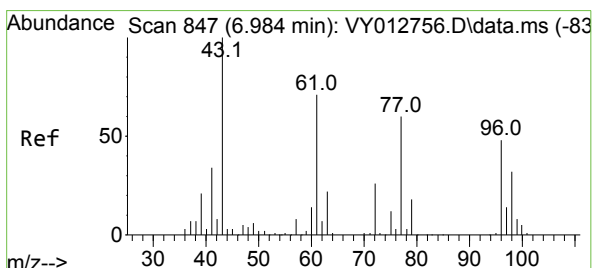
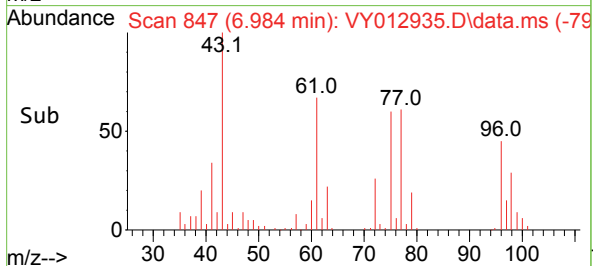
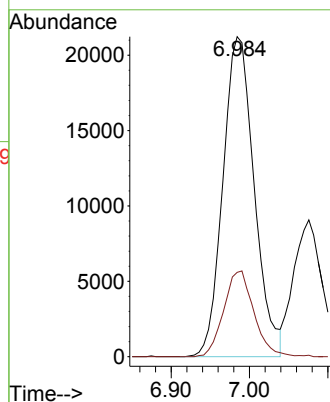
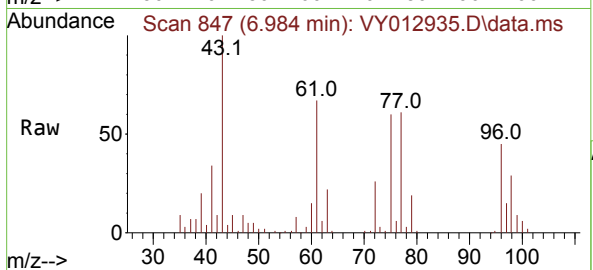
VY0314SBS01

Tgt Ion: 43 Resp: 59020

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 22.187 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012935.D

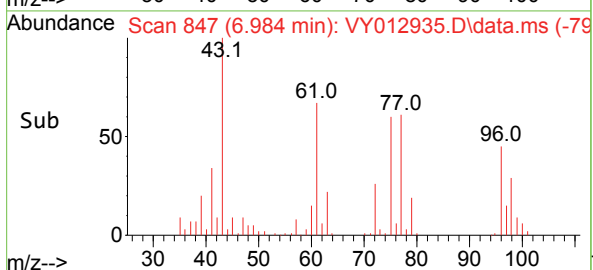
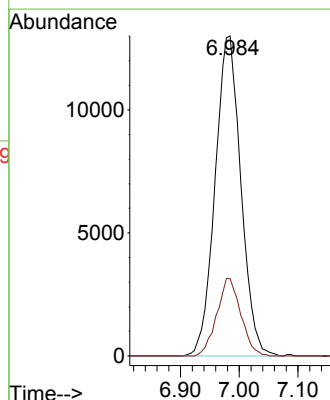
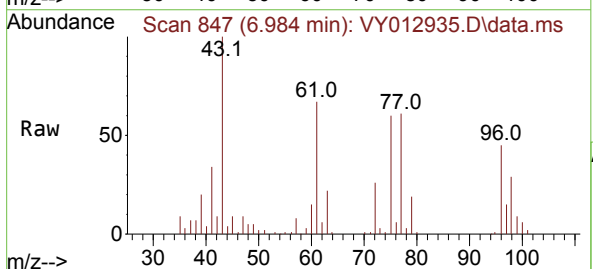
Acq: 14 Mar 2023 12:15

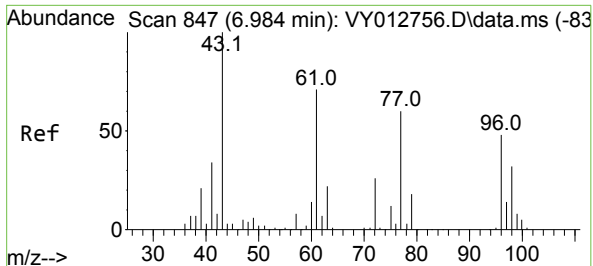
Tgt Ion: 77 Resp: 39644

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.642 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

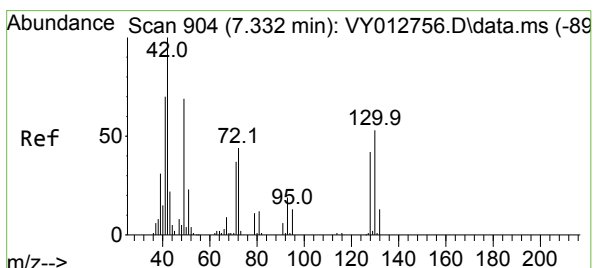
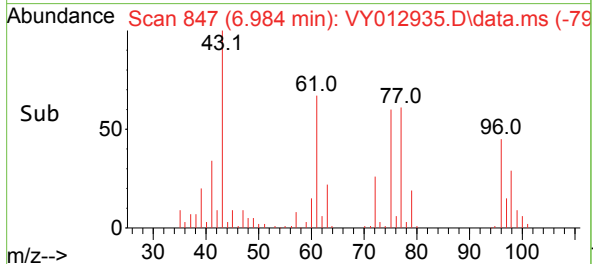
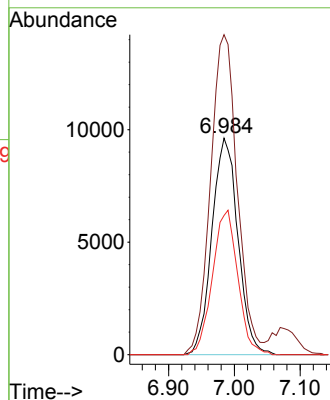
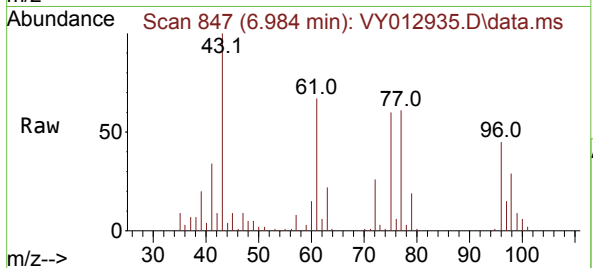
Tgt Ion: 96 Resp: 26534

Ion Ratio Lower Upper

96 100

61 151.9 0.0 295.8

98 65.0 0.0 130.2



#28

Bromochloromethane

Concen: 21.860 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

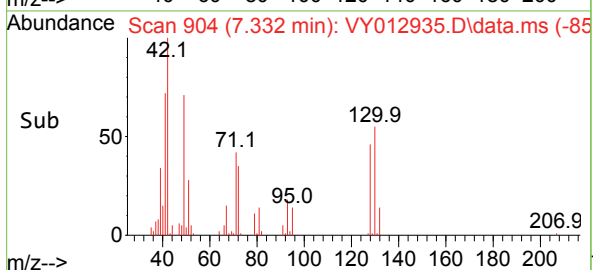
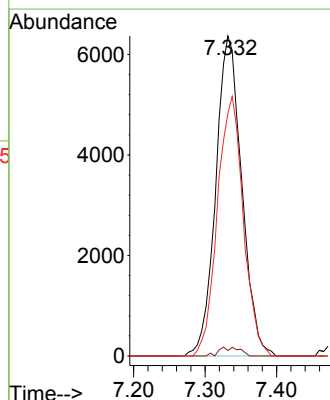
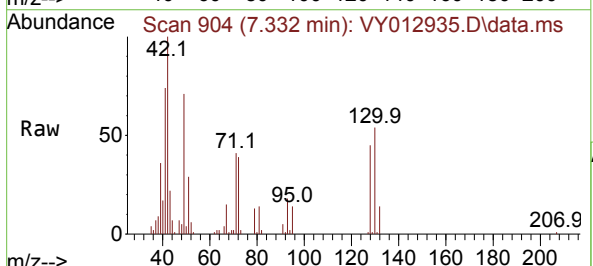
Tgt Ion: 49 Resp: 16072

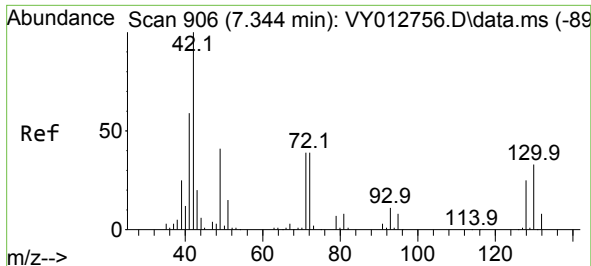
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.2

130 80.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 119.758 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

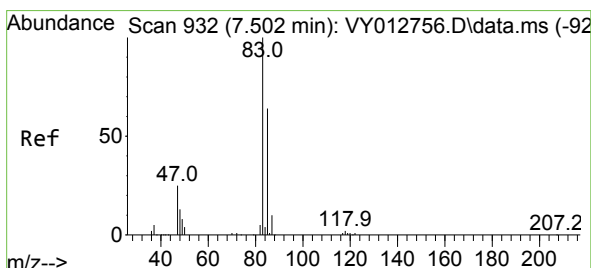
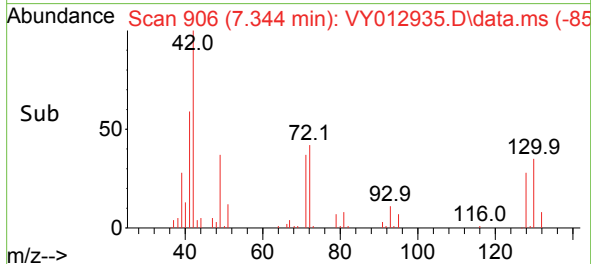
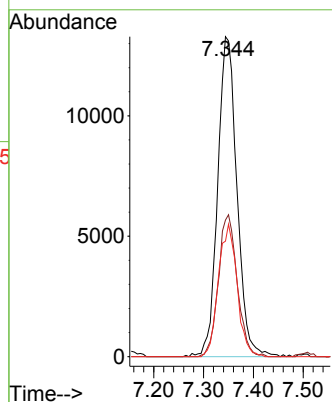
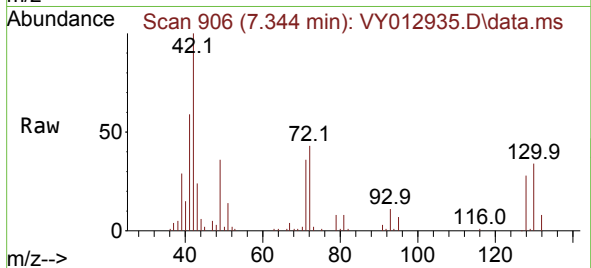
Tgt Ion: 42 Resp: 35627

Ion Ratio Lower Upper

42 100

72 43.4 32.3 48.5

71 40.1 30.3 45.5



#30

Chloroform

Concen: 22.539 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY012935.D

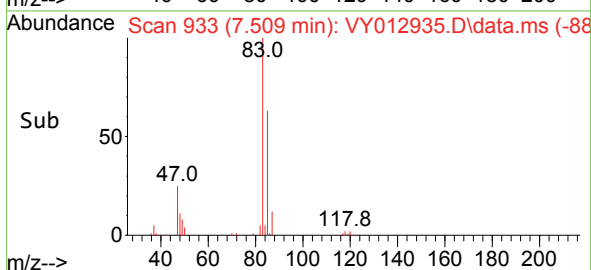
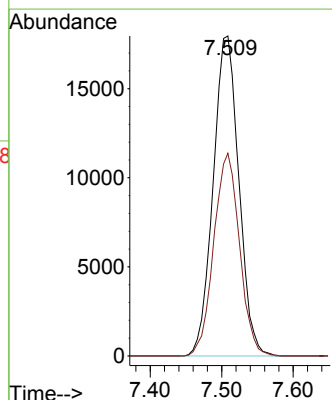
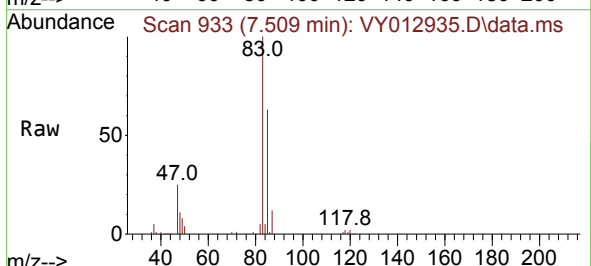
Acq: 14 Mar 2023 12:15

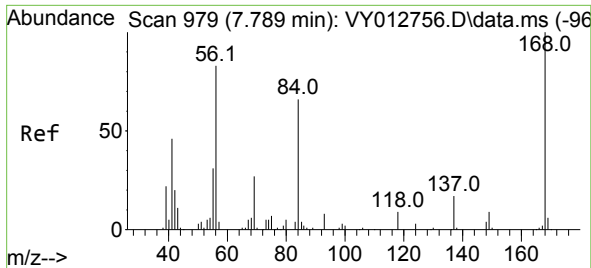
Tgt Ion: 83 Resp: 44790

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.0

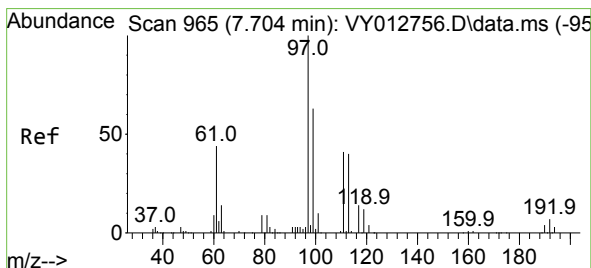
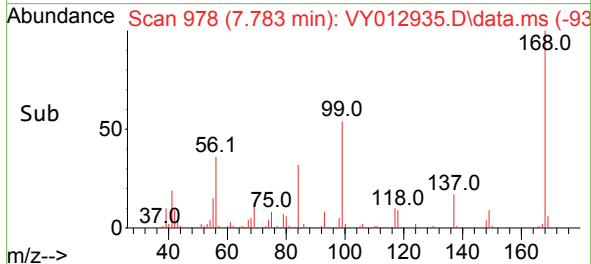
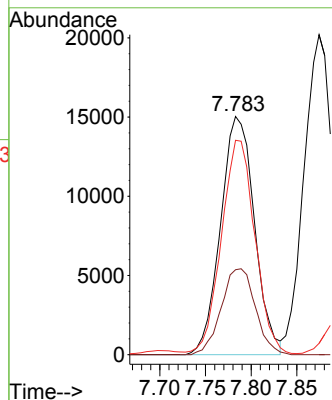
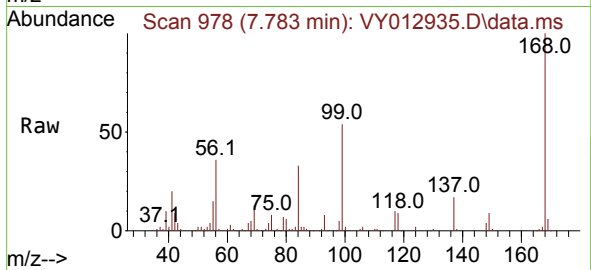




#31
Cyclohexane
Concen: 19.993 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

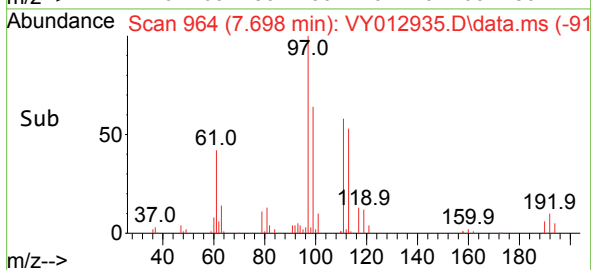
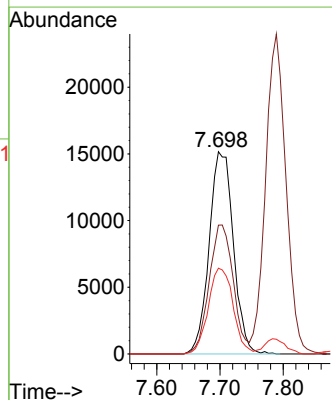
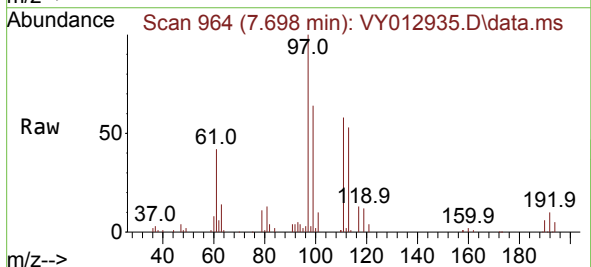
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

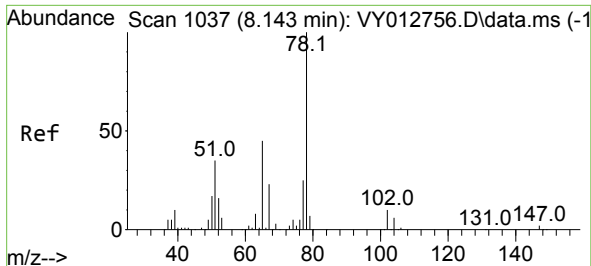
Tgt Ion: 56 Resp: 38850
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 88.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.433 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 97 Resp: 40315
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.944 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

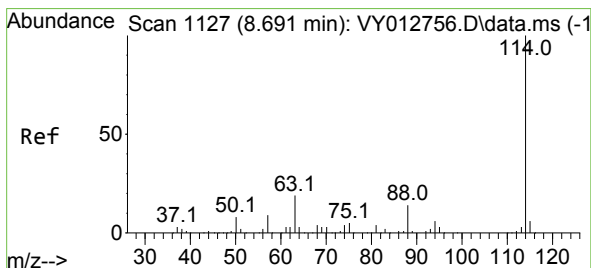
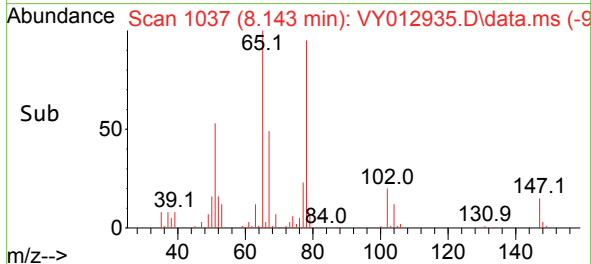
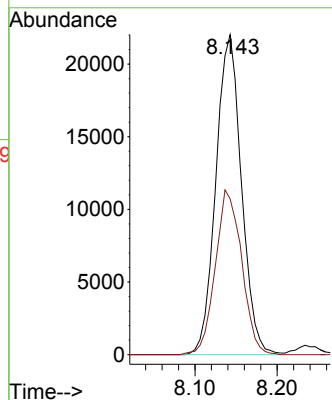
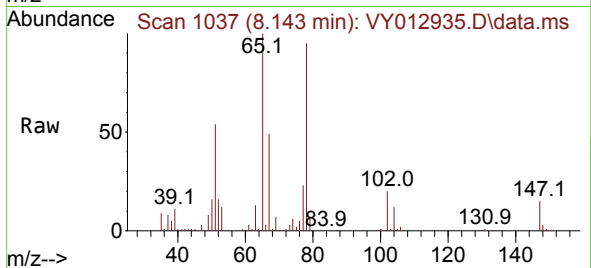
VY0314SBSD01

Tgt Ion: 65 Resp: 47630

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

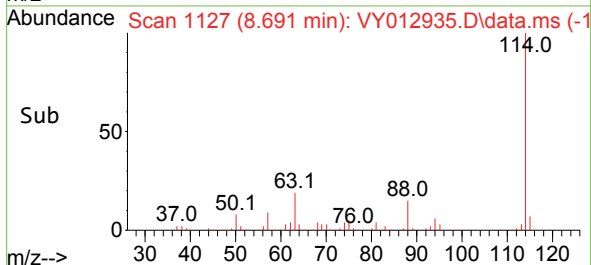
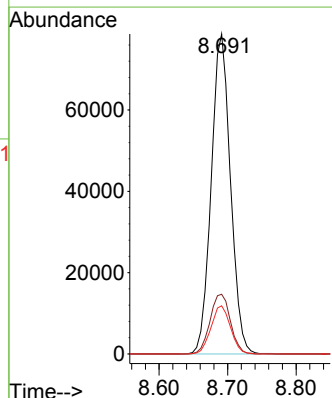
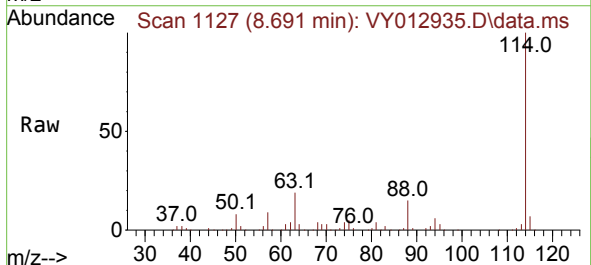
Tgt Ion: 114 Resp: 153324

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.1 0.0 28.6

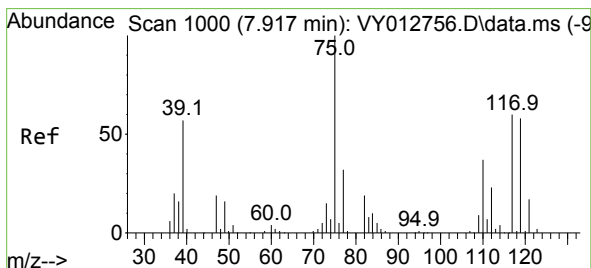
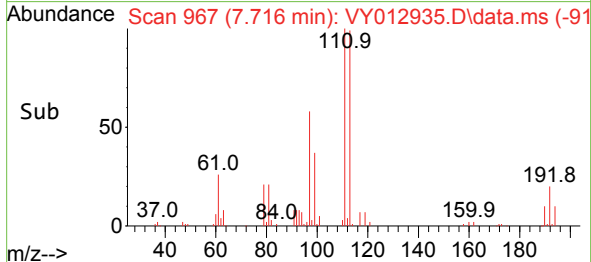
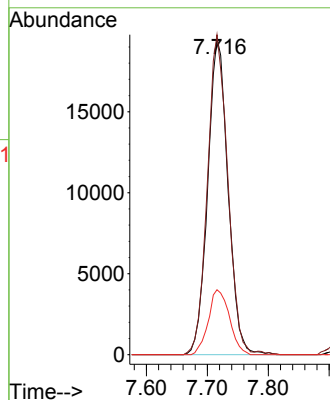
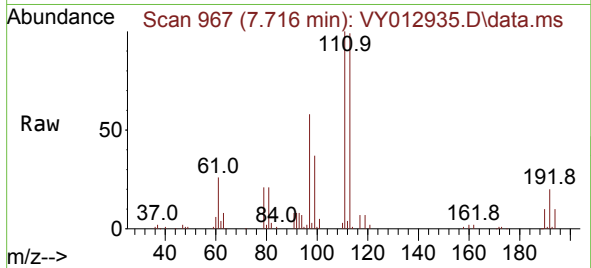




#35
Dibromofluoromethane
Concen: 48.790 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

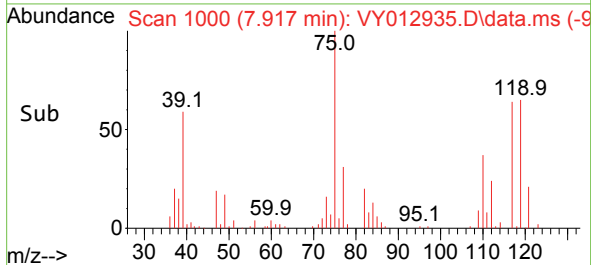
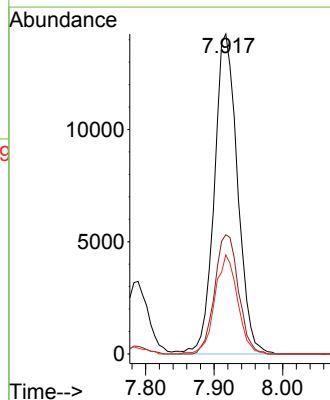
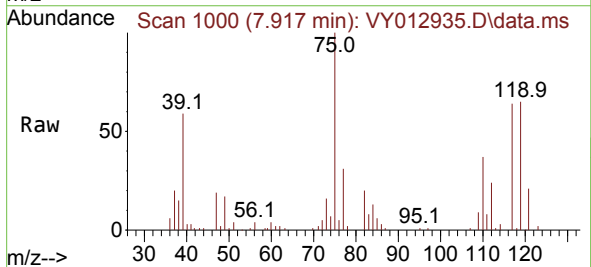
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

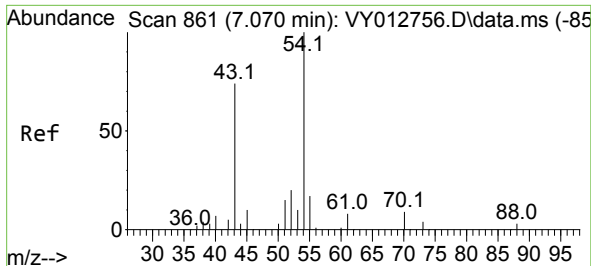
Tgt Ion:113 Resp: 45146
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.610 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 75 Resp: 33509
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.3
77 30.3 25.0 37.4

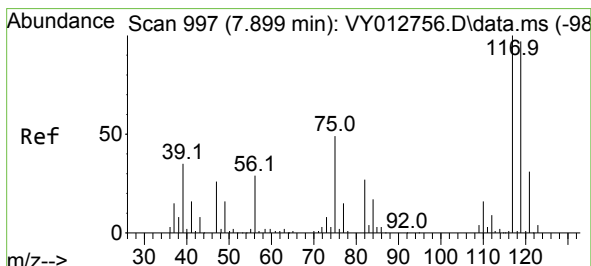
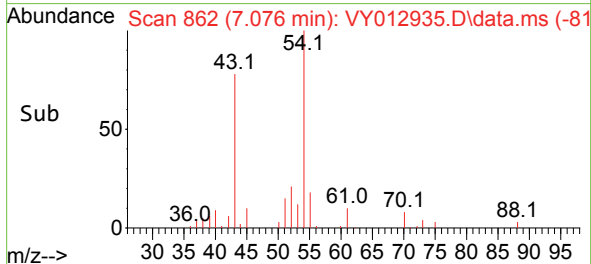
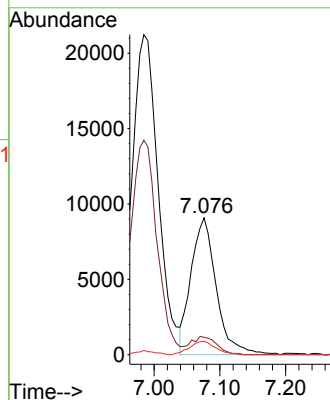
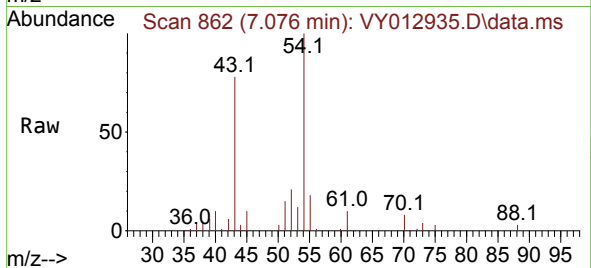




#37
Ethyl Acetate
Concen: 24.712 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

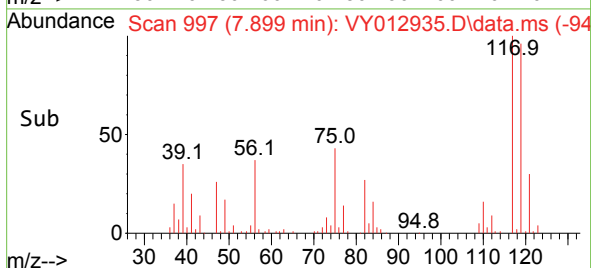
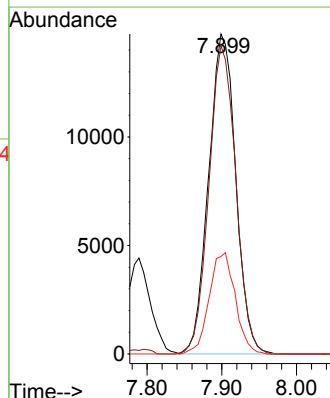
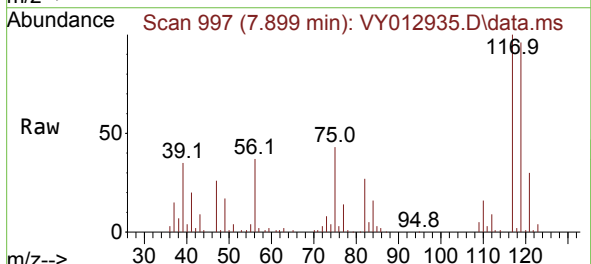
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

Tgt Ion: 43 Resp: 24152
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 23.253 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 117 Resp: 37234
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 20.860 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

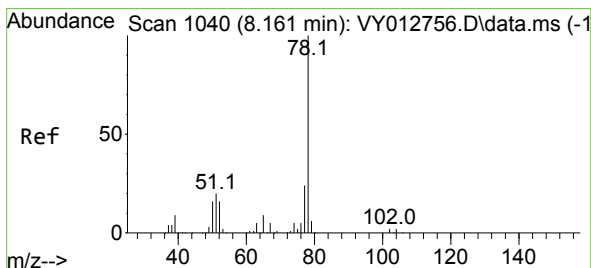
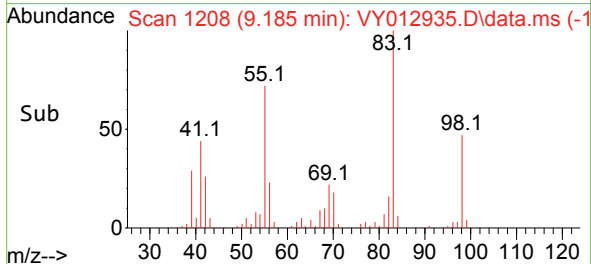
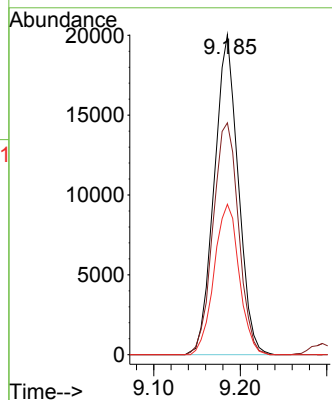
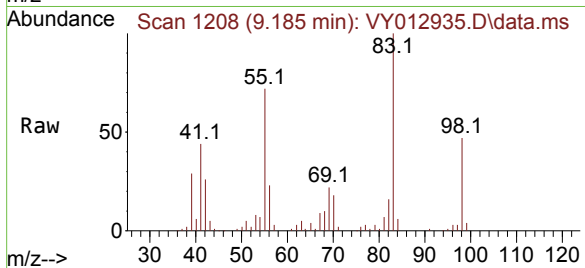
Tgt Ion: 83 Resp: 38456

Ion Ratio Lower Upper

83 100

55 72.4 60.0 90.0

98 47.0 38.3 57.5



#40

Benzene

Concen: 22.238 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012935.D

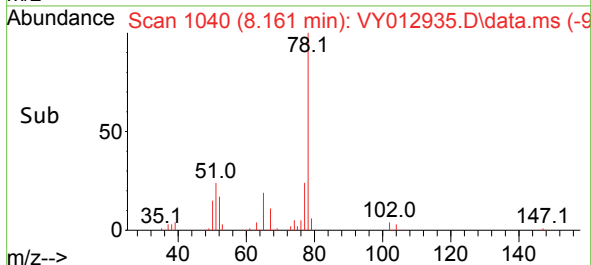
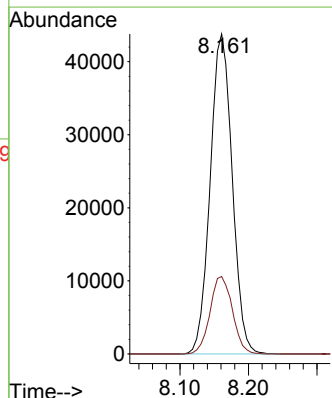
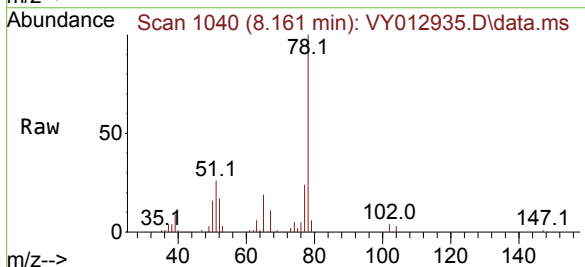
Acq: 14 Mar 2023 12:15

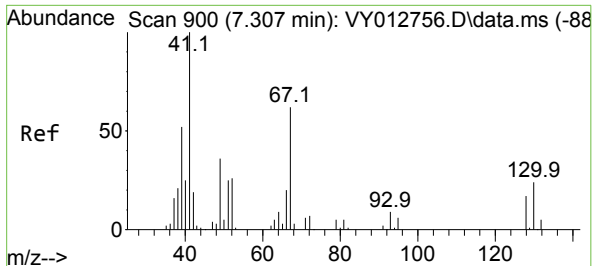
Tgt Ion: 78 Resp: 97542

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

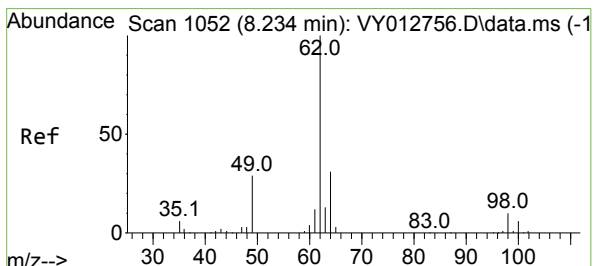
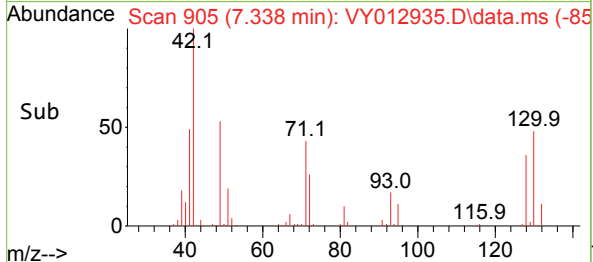
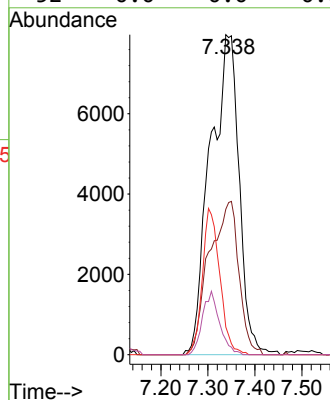
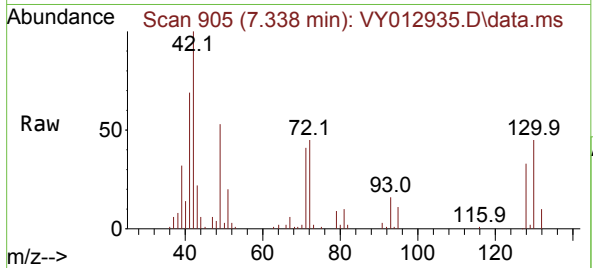




#41
Methacrylonitrile
Concen: 64.506 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

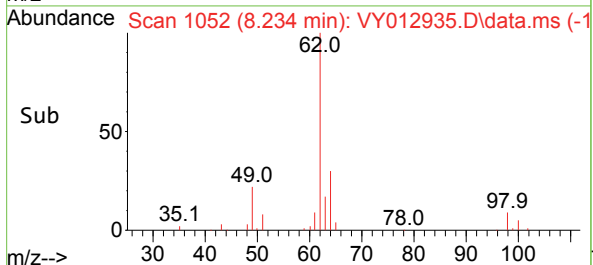
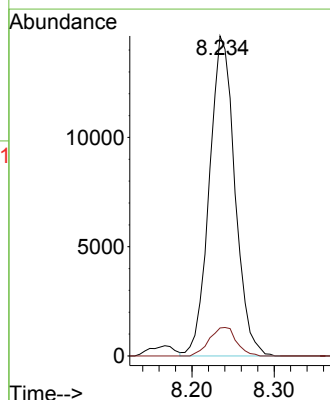
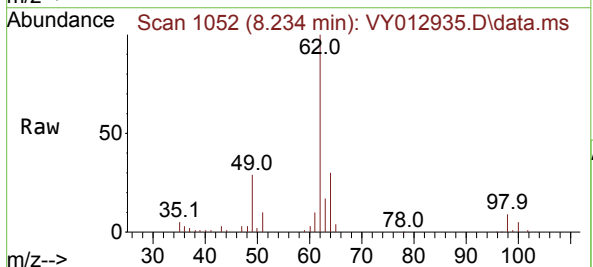
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

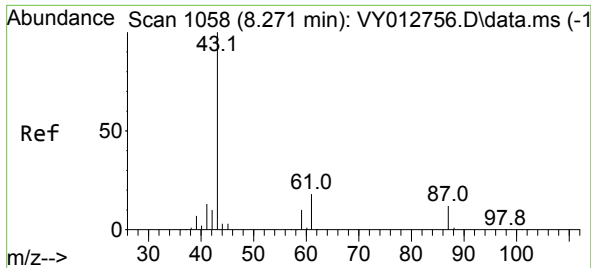
Tgt Ion: 41 Resp: 33966
Ion Ratio Lower Upper
41 100
39 49.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 23.979 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 62 Resp: 31621
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

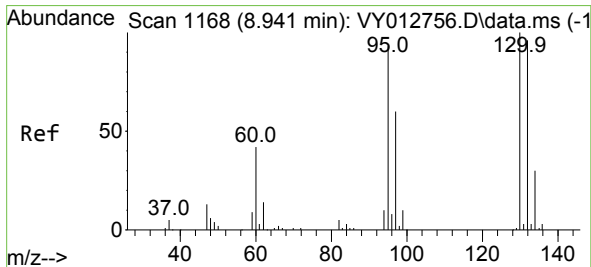
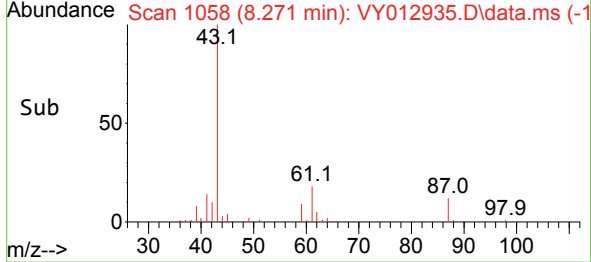
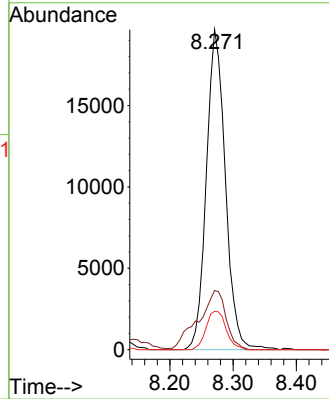
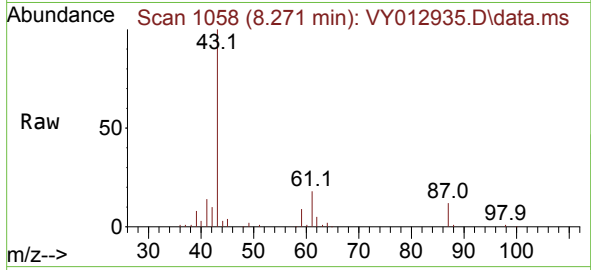




#43
Isopropyl Acetate
Concen: 23.625 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

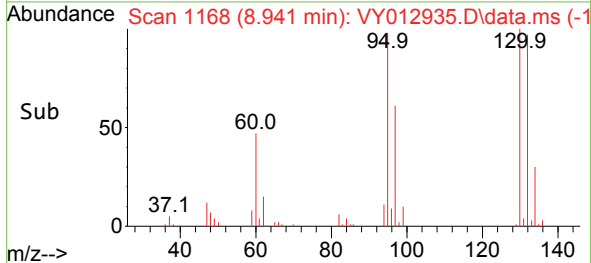
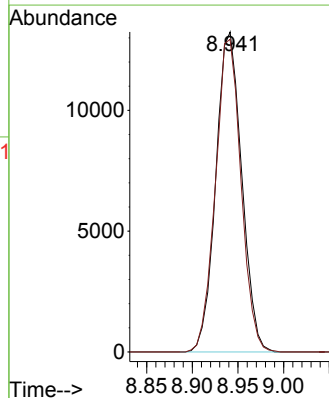
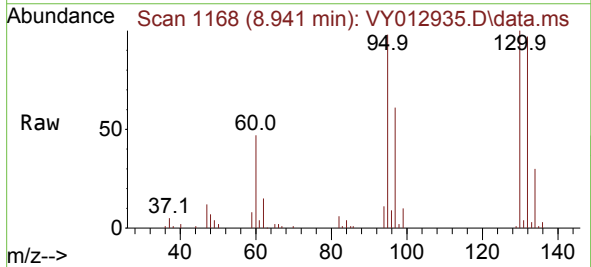
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

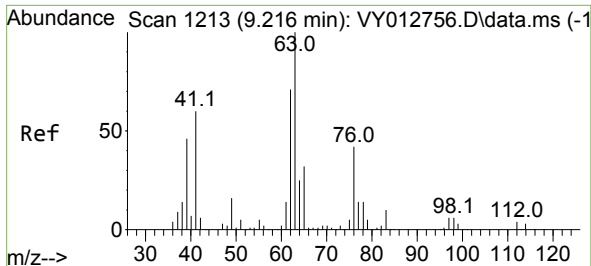
Tgt Ion: 43 Resp: 41194
Ion Ratio Lower Upper
43 100
61 27.0 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 22.535 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 130 Resp: 26061
Ion Ratio Lower Upper
130 100
95 97.7 0.0 185.0

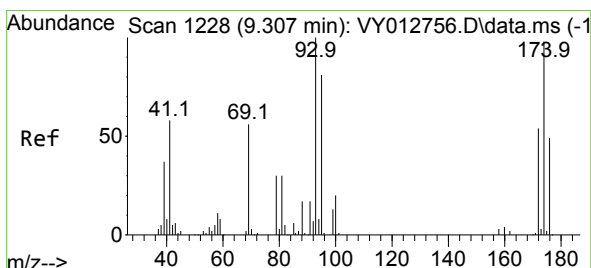
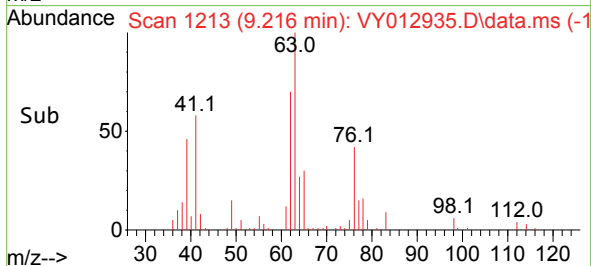
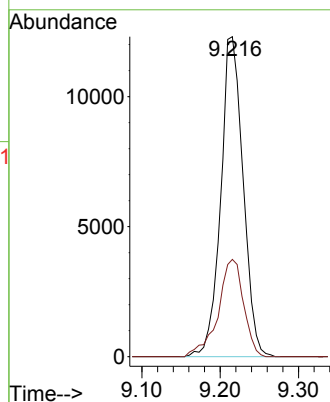
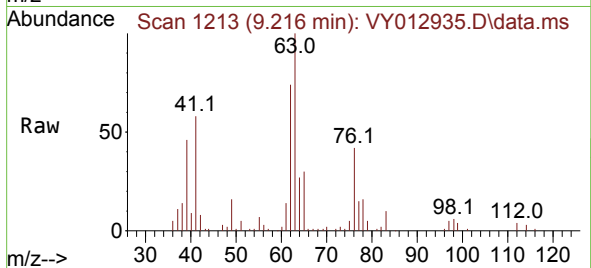




#45
1,2-Dichloropropane
Concen: 22.038 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

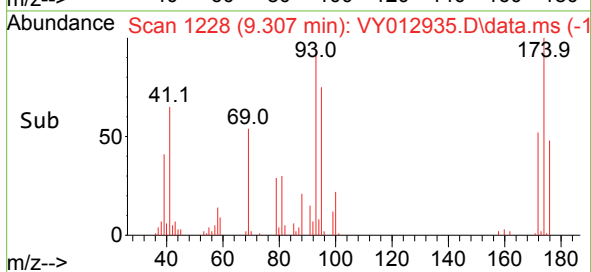
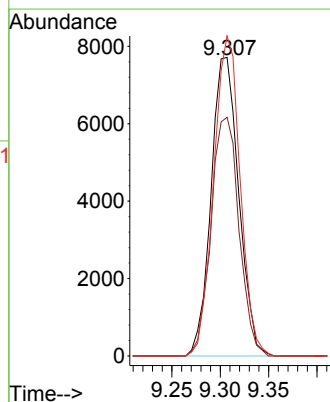
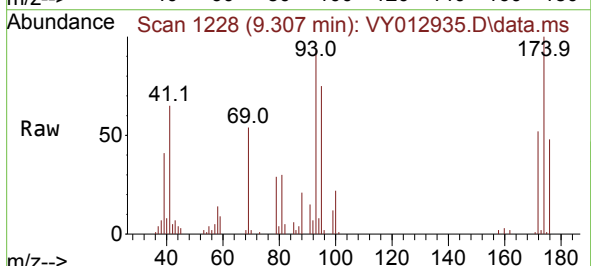
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

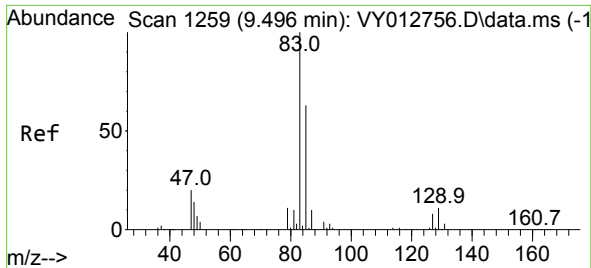
Tgt Ion: 63 Resp: 24430
Ion Ratio Lower Upper
63 100
65 30.4 25.7 38.5



#46
Dibromomethane
Concen: 24.293 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 93 Resp: 15342
Ion Ratio Lower Upper
93 100
95 80.7 65.6 98.4
174 102.7 81.3 121.9

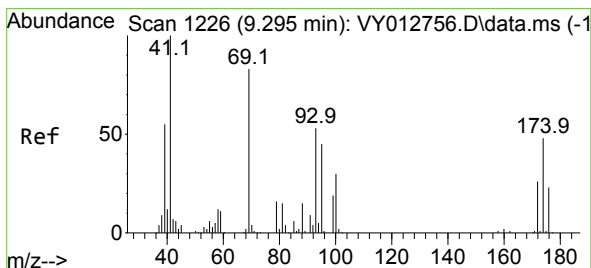
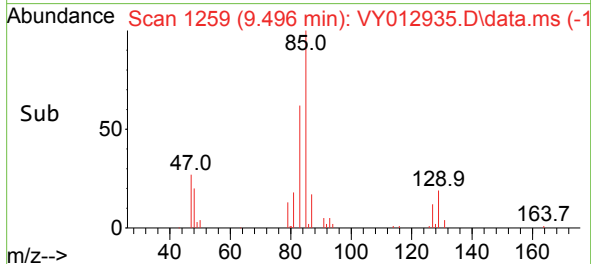
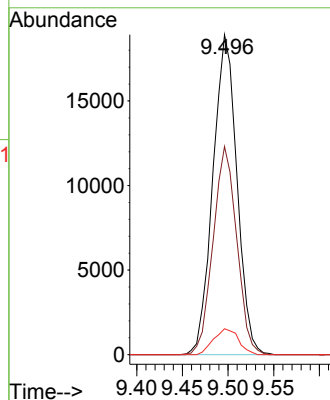
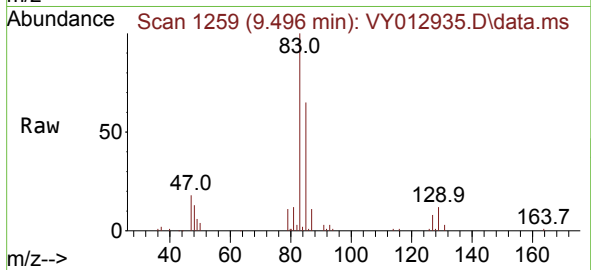




#47
Bromodichloromethane
Concen: 23.306 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

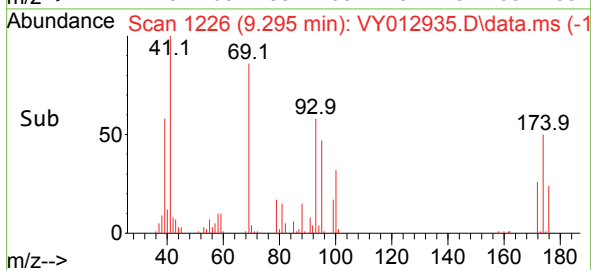
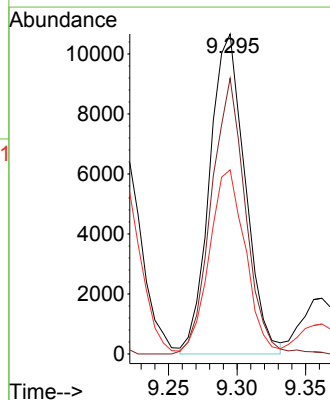
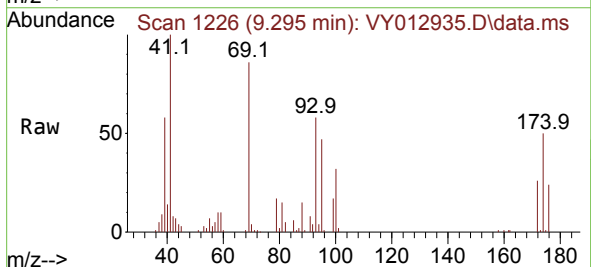
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

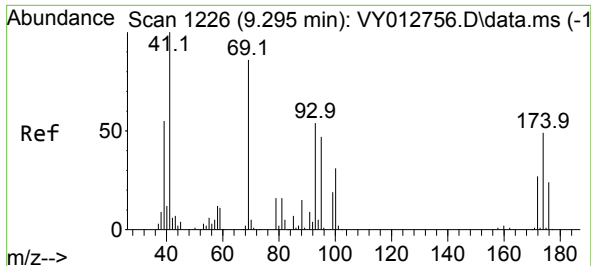
Tgt Ion: 83 Resp: 34685
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 23.945 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 41 Resp: 19238
Ion Ratio Lower Upper
41 100
69 82.7 64.1 96.1
39 56.6 44.0 66.0





#49

1,4-Dioxane

Concen: 561.116 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

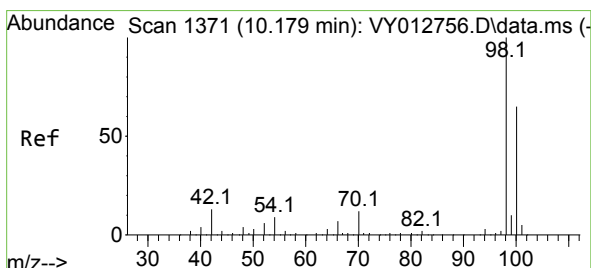
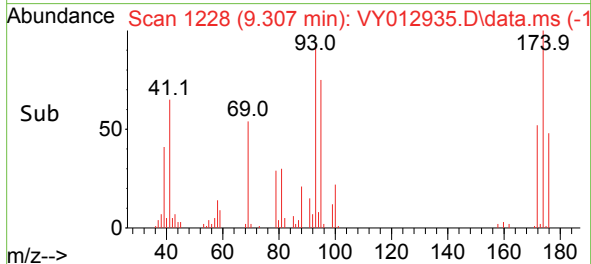
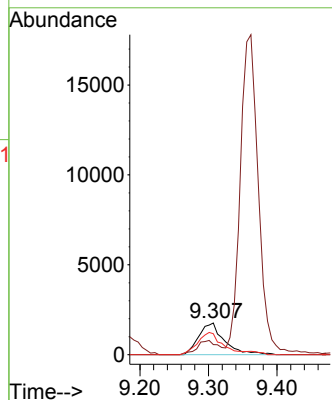
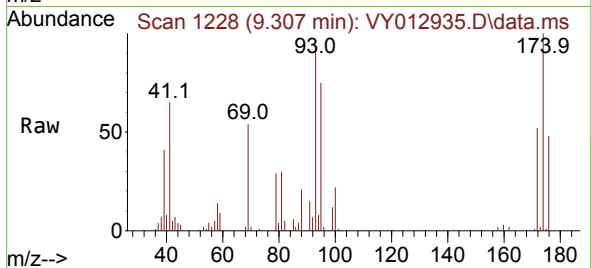
Tgt Ion: 88 Resp: 4581

Ion Ratio Lower Upper

88 100

43 38.7 28.6 42.8

58 66.7 55.2 82.8



#50

Toluene-d8

Concen: 45.374 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012935.D

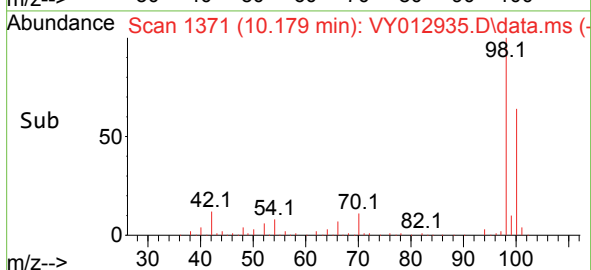
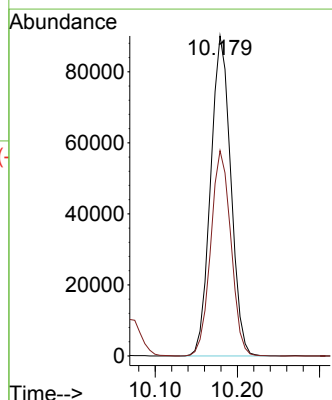
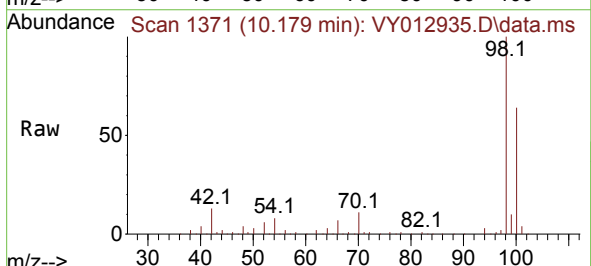
Acq: 14 Mar 2023 12:15

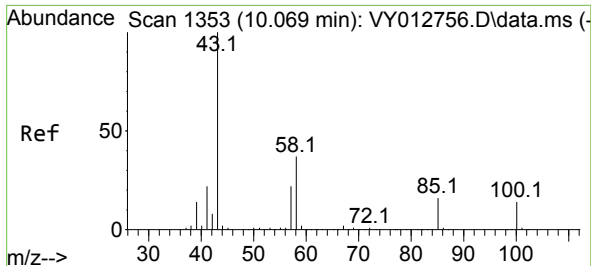
Tgt Ion: 98 Resp: 153490

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 126.461 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

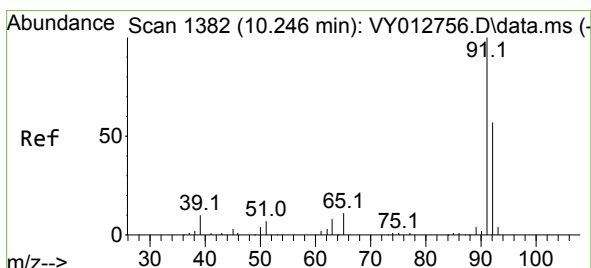
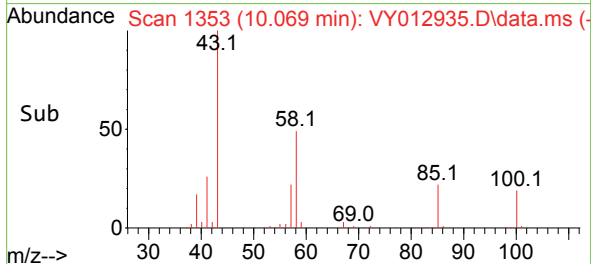
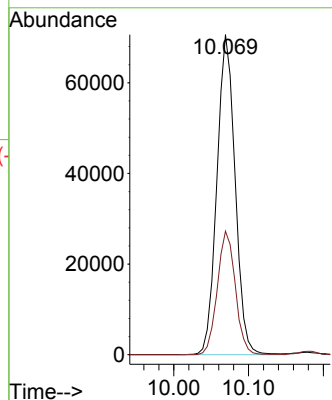
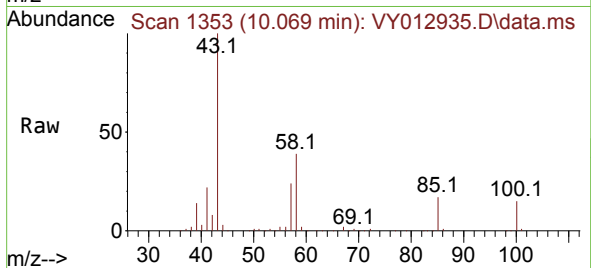
VY0314SBS01

Tgt Ion: 43 Resp: 119611

Ion Ratio Lower Upper

43 100

58 38.3 29.8 44.6



#52

Toluene

Concen: 22.906 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012935.D

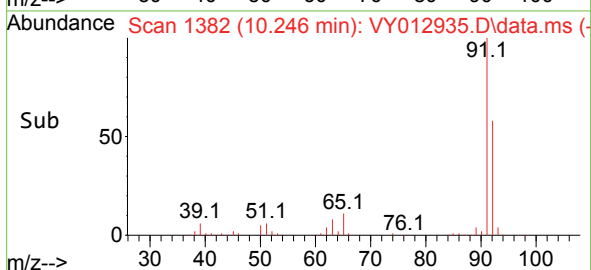
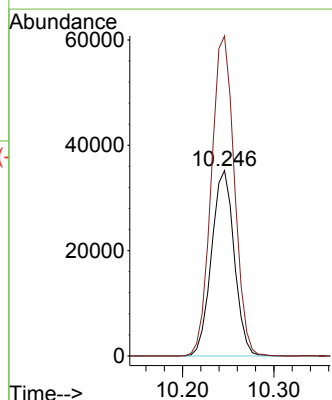
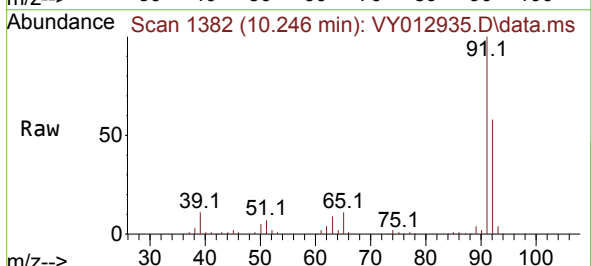
Acq: 14 Mar 2023 12:15

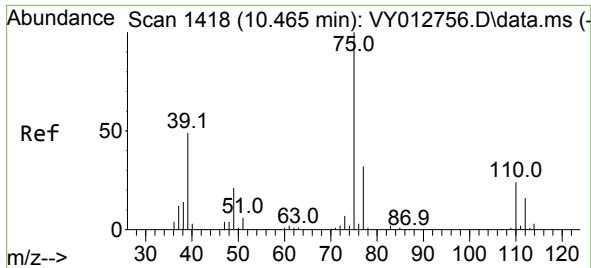
Tgt Ion: 92 Resp: 60592

Ion Ratio Lower Upper

92 100

91 175.6 141.3 211.9

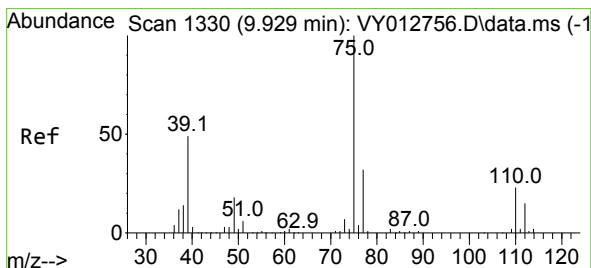
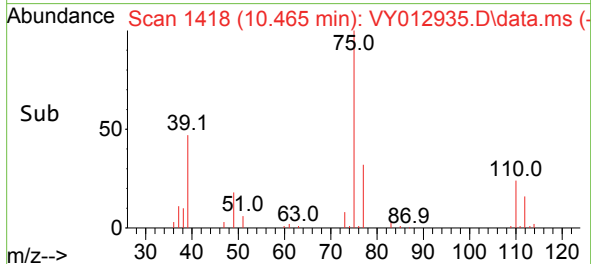
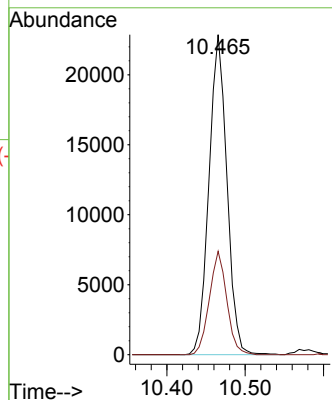
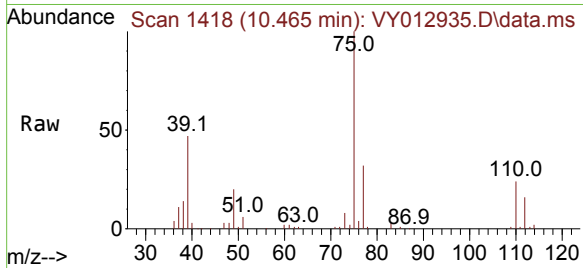




#53
 t-1,3-Dichloropropene
 Concen: 23.298 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

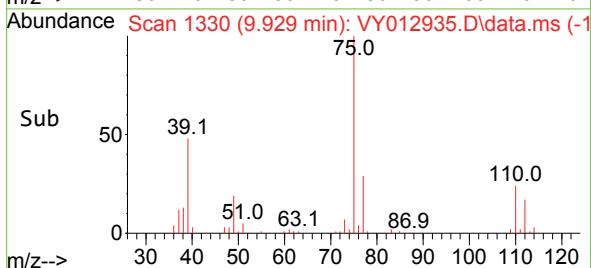
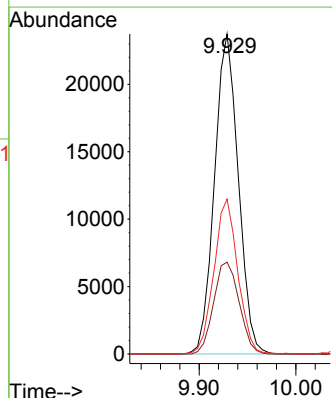
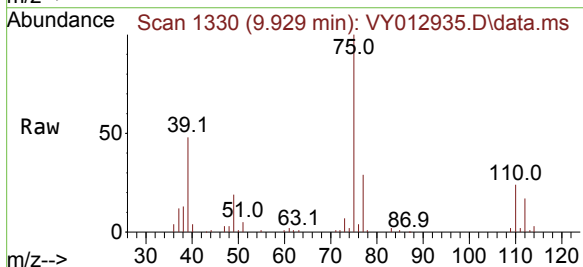
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

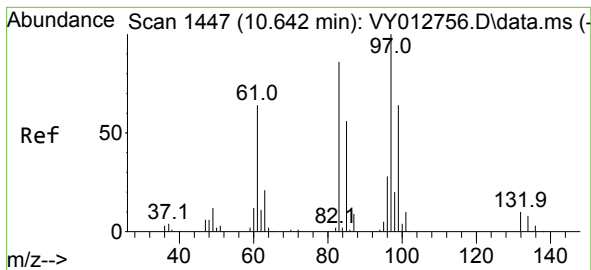
Tgt Ion: 75 Resp: 36368
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.889 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

Tgt Ion: 75 Resp: 40442
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.0
 39 48.4 39.0 58.4

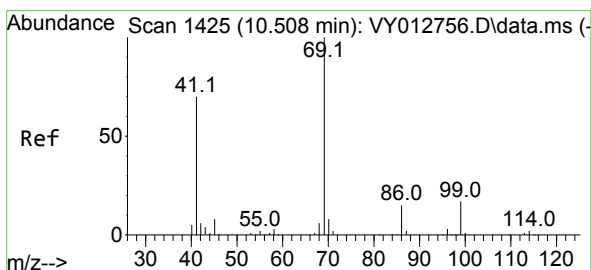
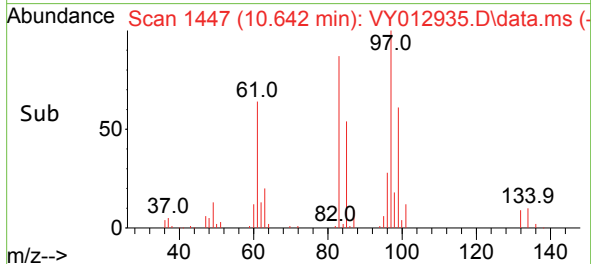
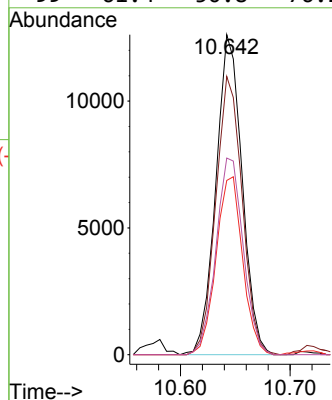
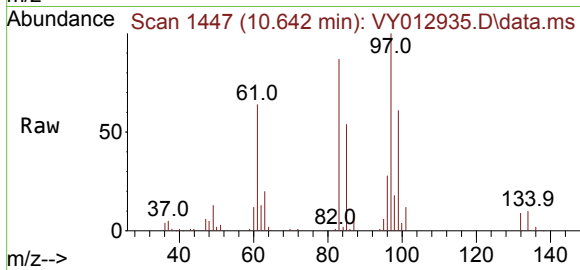




#55
1,1,2-Trichloroethane
Concen: 23.844 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

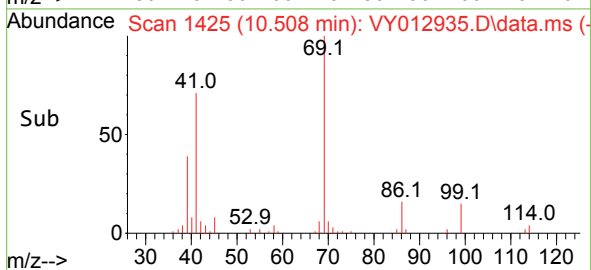
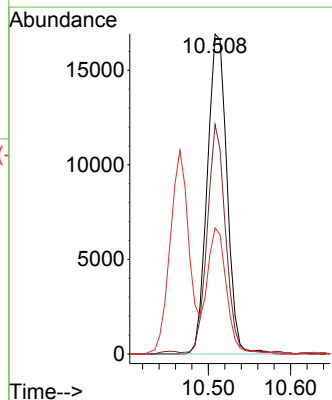
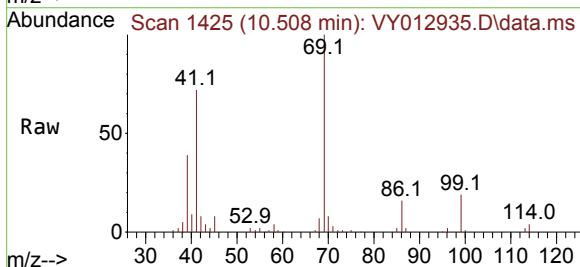
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

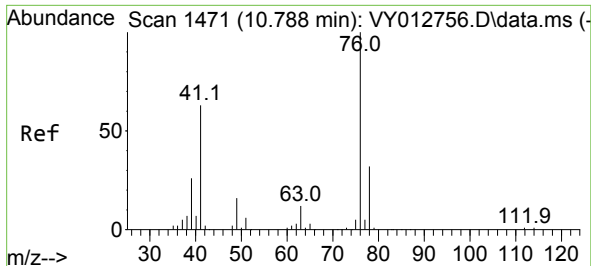
Tgt Ion: 97	Resp: 20971
Ion Ratio	Lower Upper
97 100	
83 86.9	69.0 103.6
85 54.4	44.9 67.3
99 61.4	50.8 76.2



#56
Ethyl methacrylate
Concen: 23.933 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 69	Resp: 28067
Ion Ratio	Lower Upper
69 100	
41 66.1	56.4 84.6
39 38.4	30.8 46.2

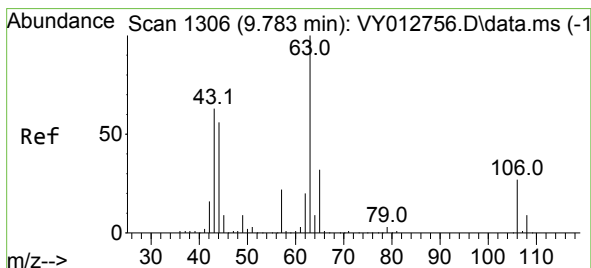
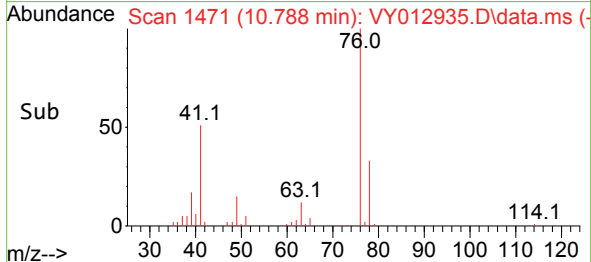
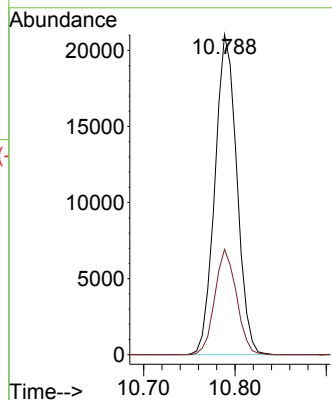
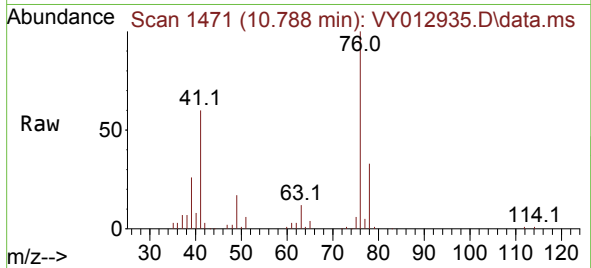




#57
1,3-Dichloropropane
Concen: 23.437 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

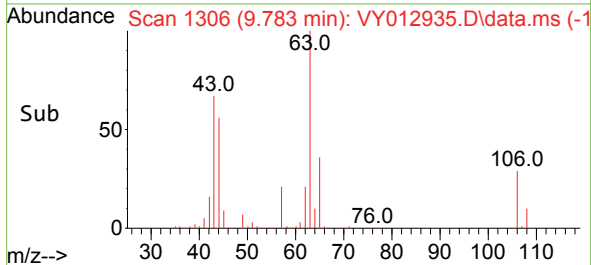
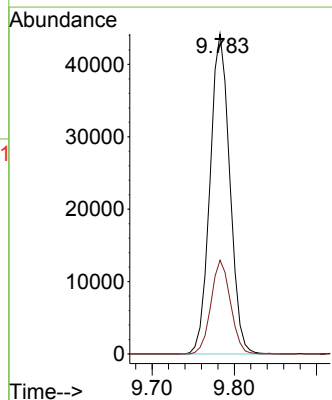
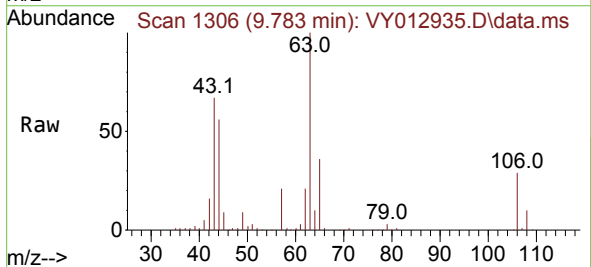
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

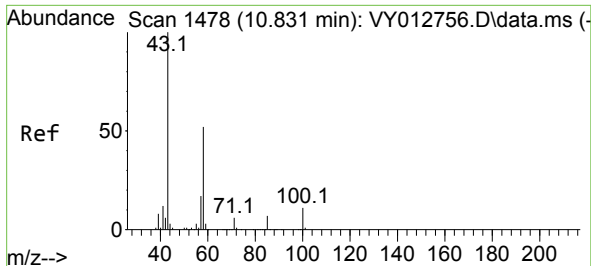
Tgt Ion: 76 Resp: 35108
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 119.816 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 63 Resp: 73762
Ion Ratio Lower Upper
63 100
106 28.8 22.1 33.1

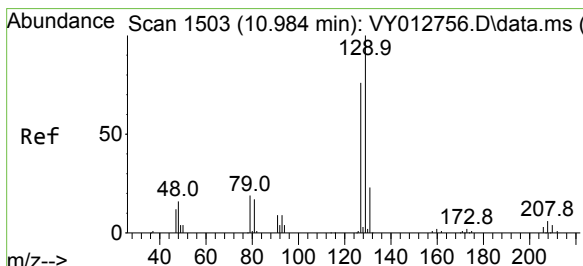
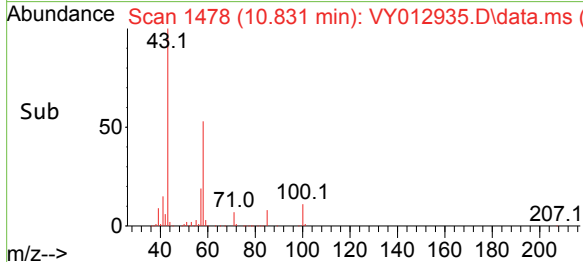
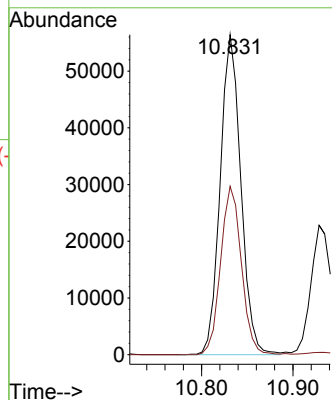
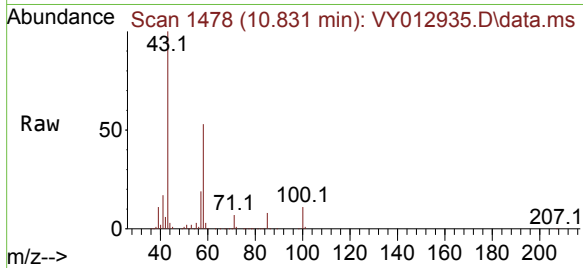




#59
2-Hexanone
Concen: 129.002 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

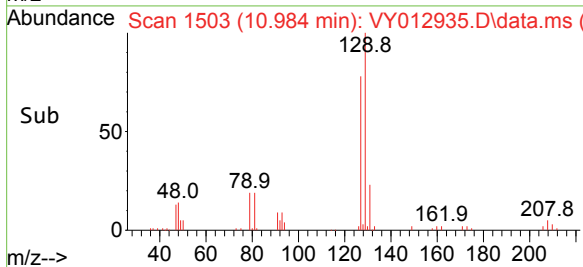
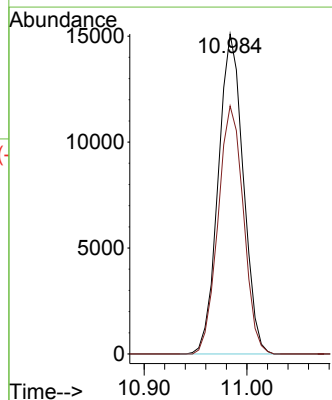
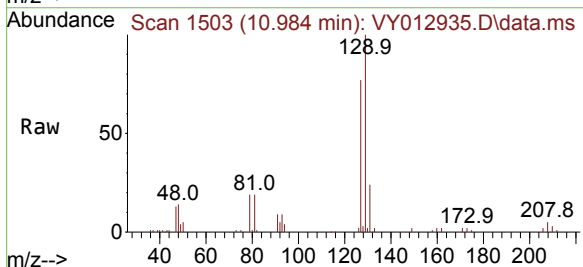
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

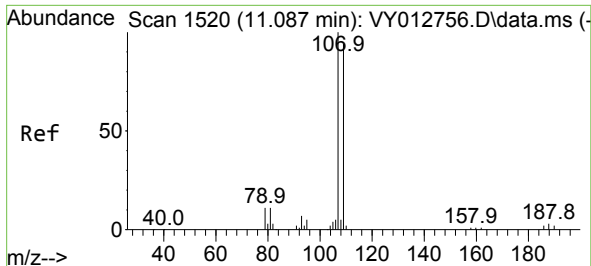
Tgt Ion: 43 Resp: 88678
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 23.801 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:129 Resp: 25481
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

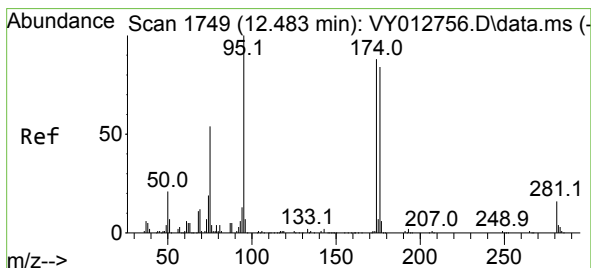
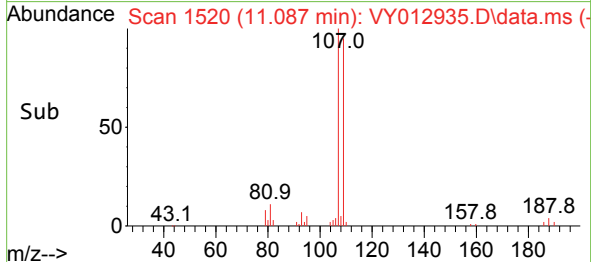
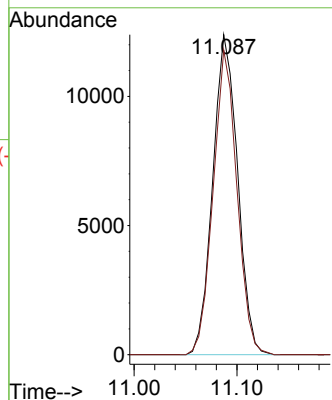
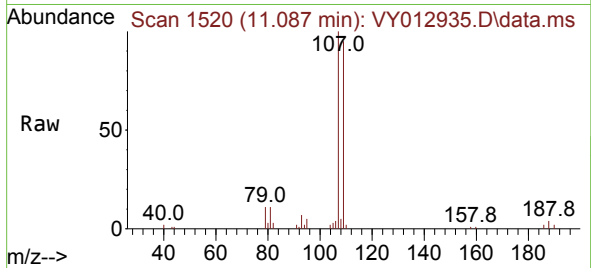




#61
1,2-Dibromoethane
Concen: 24.481 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

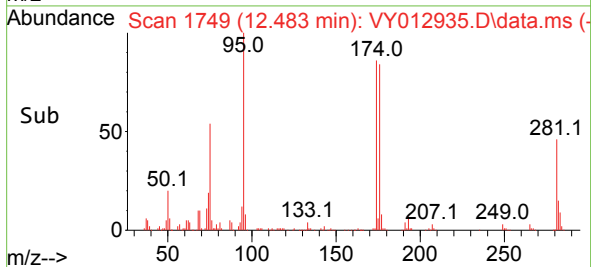
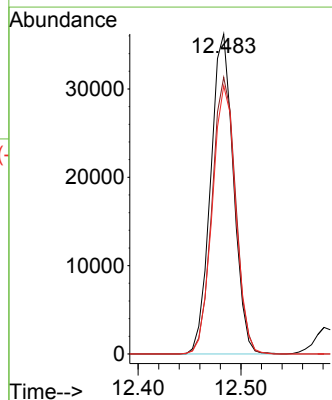
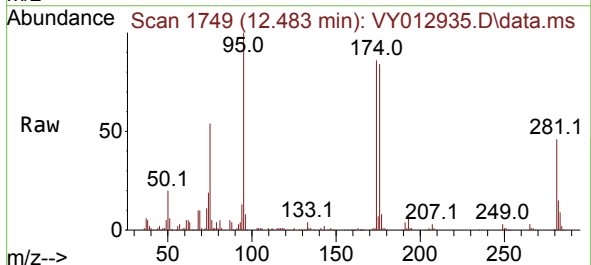
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

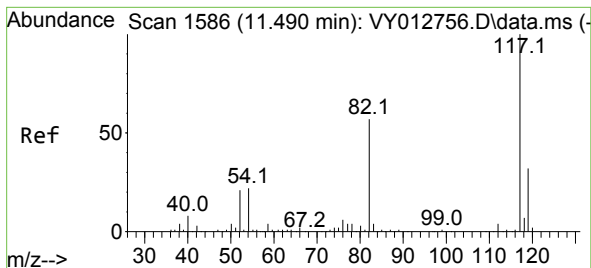
Tgt Ion:107 Resp: 20741
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 95 Resp: 55778
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.1 0.0 170.2

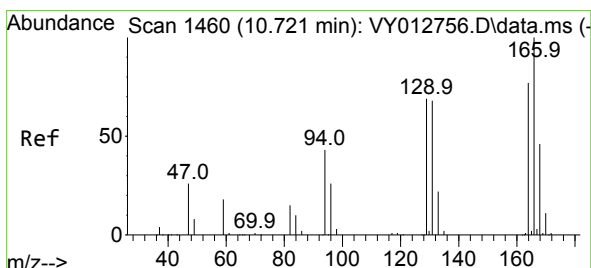
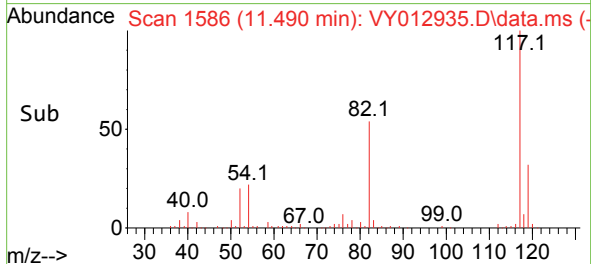
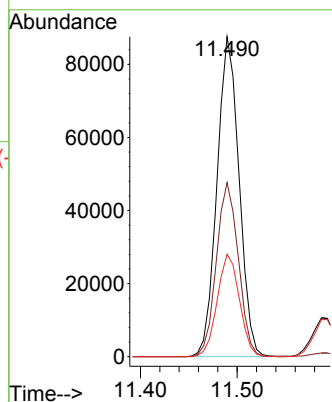
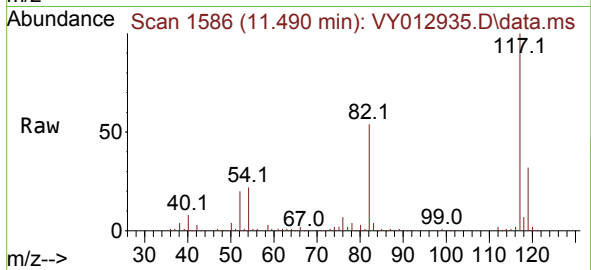




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

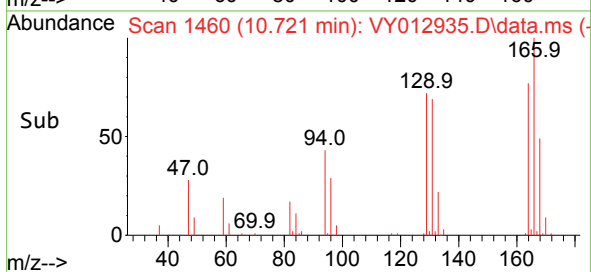
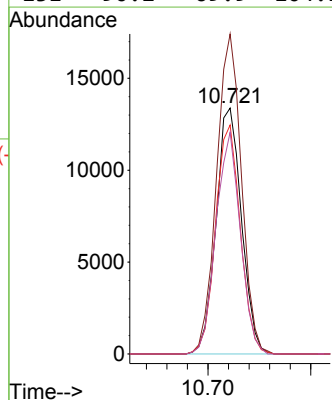
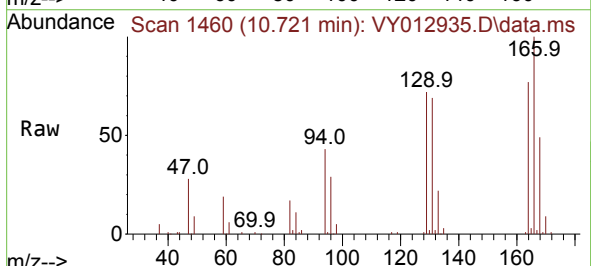
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

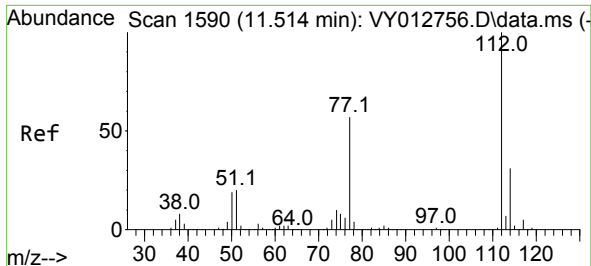
Tgt Ion:117 Resp: 138890
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 22.703 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:164 Resp: 22958
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.2
129 93.1 71.4 107.2
131 90.2 69.9 104.9

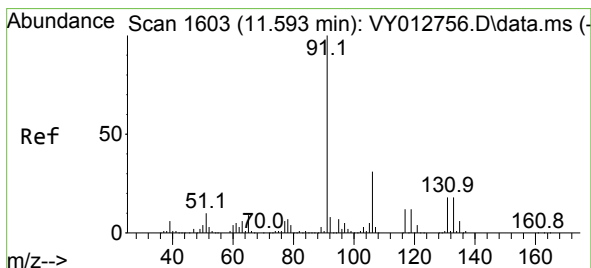
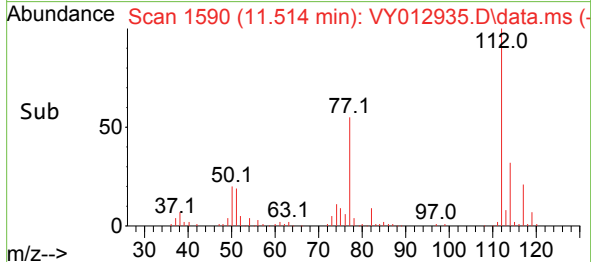
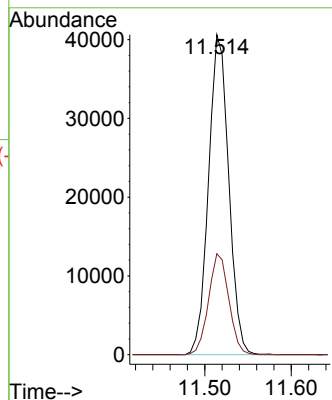
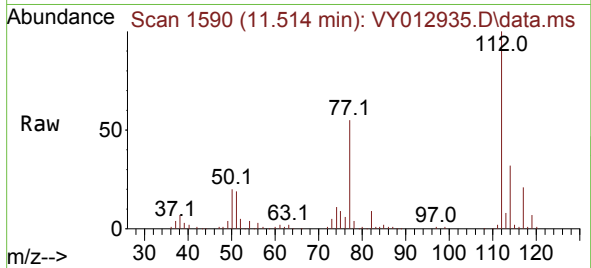




#65
Chlorobenzene
Concen: 22.589 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

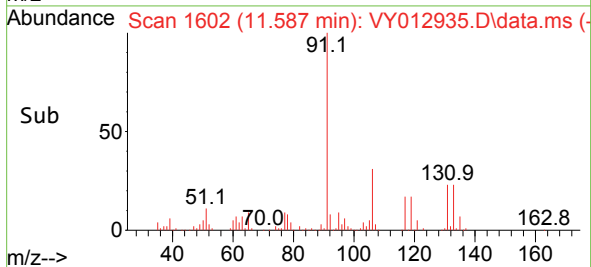
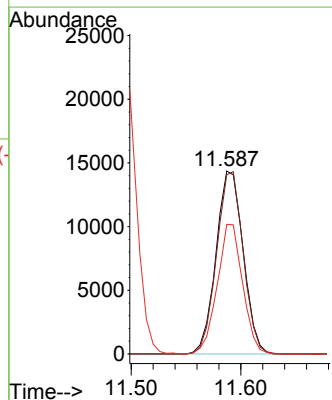
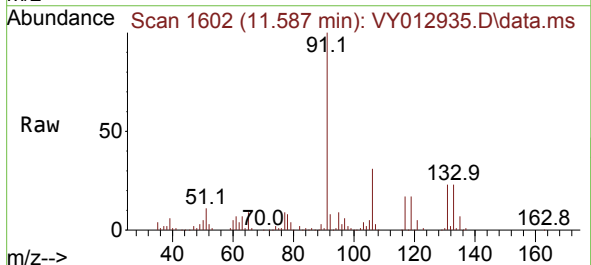
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

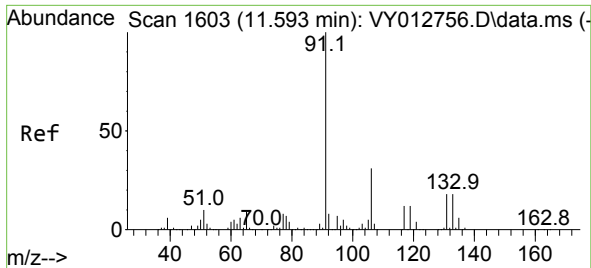
Tgt Ion:112 Resp: 65845
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.933 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:131 Resp: 24736
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 66.3 32.6 98.0

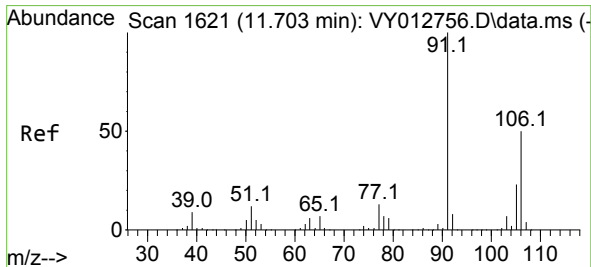
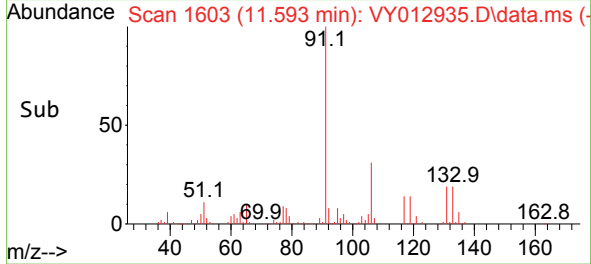
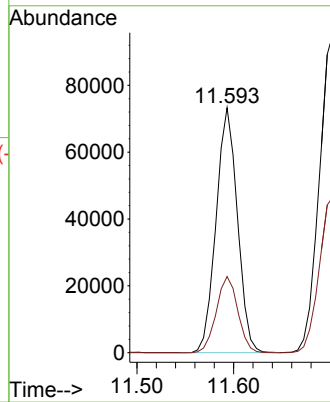
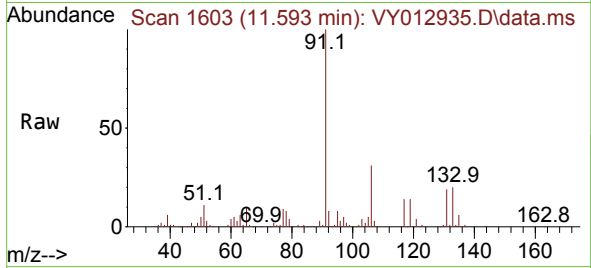




#67
Ethyl Benzene
Concen: 21.845 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

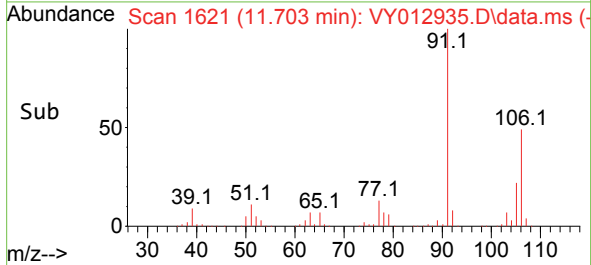
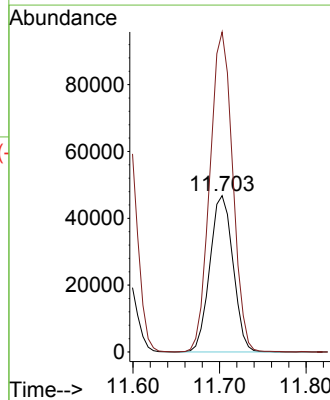
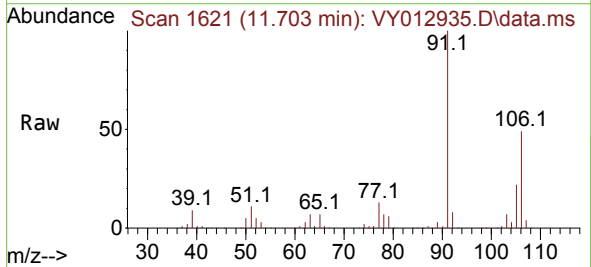
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

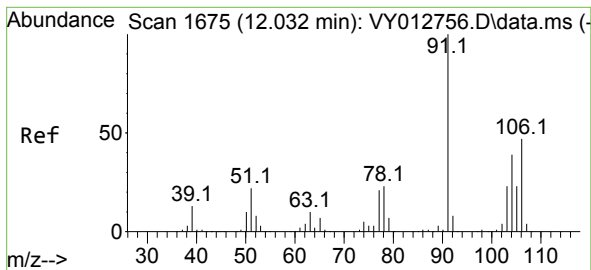
Tgt Ion: 91 Resp: 111956
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 44.135 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 106 Resp: 87015
Ion Ratio Lower Upper
106 100
91 201.8 159.8 239.8

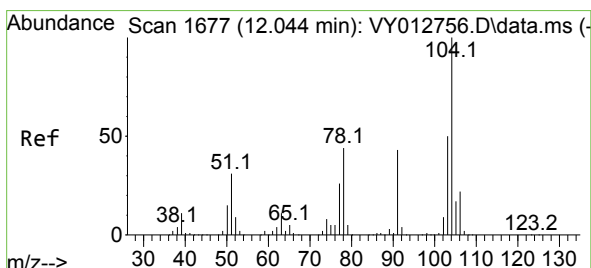
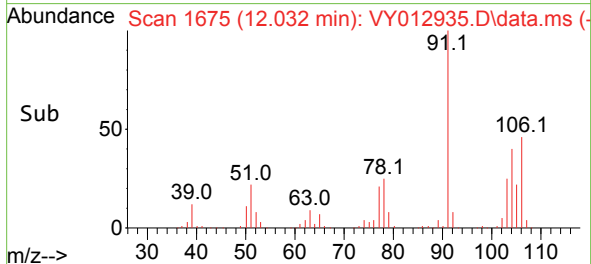
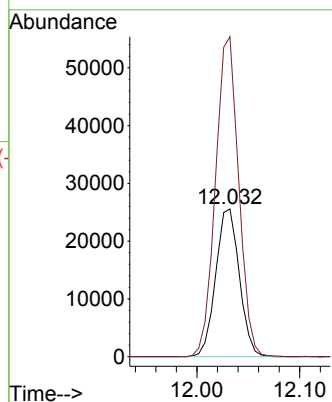
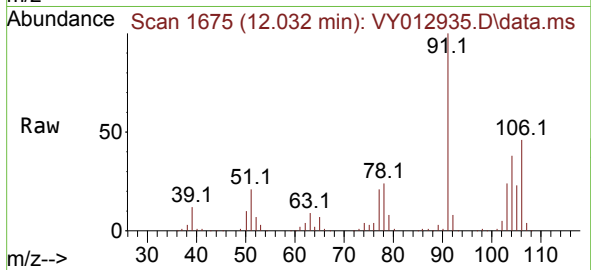




#69
o-Xylene
Concen: 22.132 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

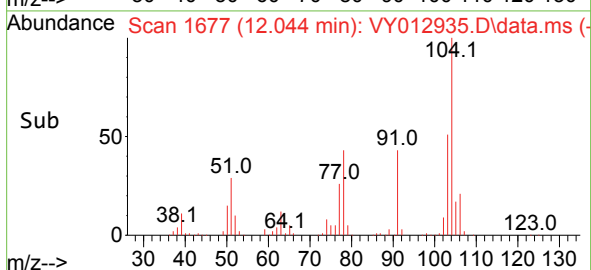
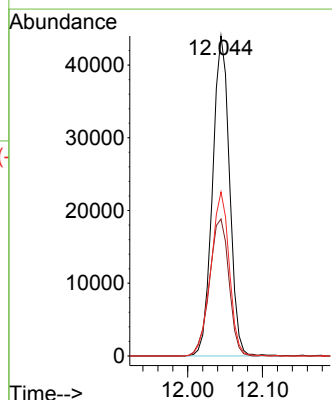
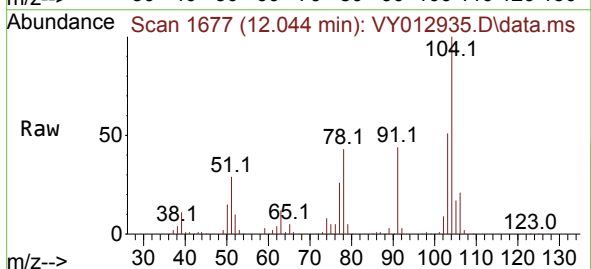
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Tgt Ion:106 Resp: 40724
Ion Ratio Lower Upper
106 100
91 213.4 107.2 321.6



#70
Styrene
Concen: 22.681 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:104 Resp: 69643
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.5 43.7 65.5





#71

Bromoform

Concen: 25.441 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

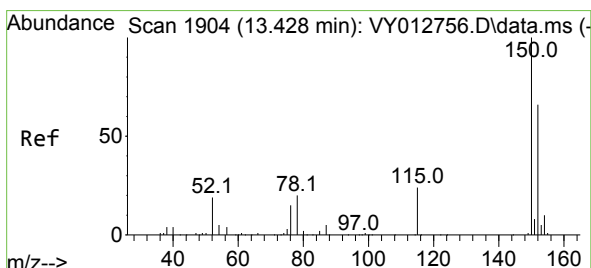
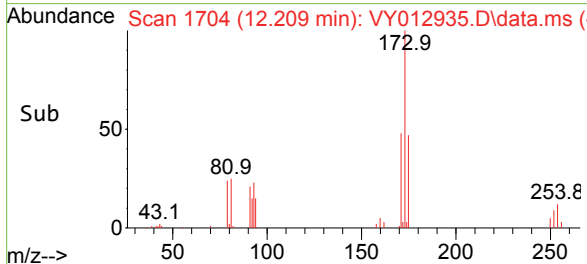
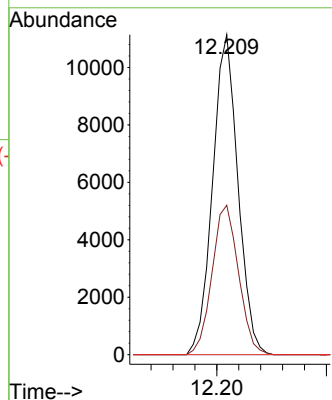
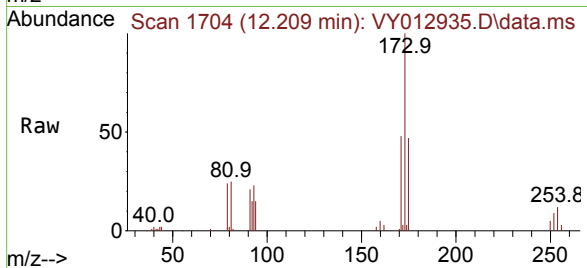
Tgt Ion:173 Resp: 17892

Ion Ratio Lower Upper

173 100

175 48.8 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: VY012935.D

Acq: 14 Mar 2023 12:15

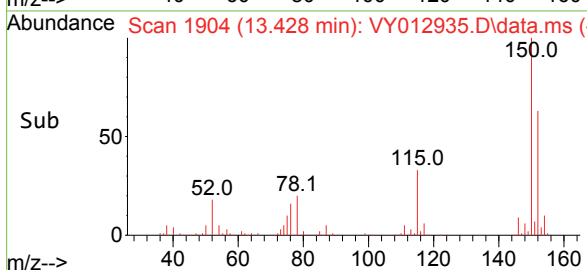
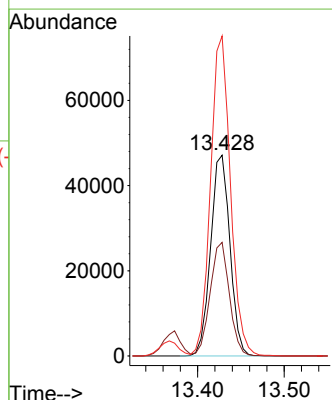
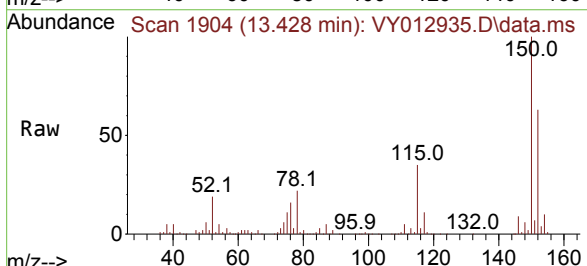
Tgt Ion:152 Resp: 73040

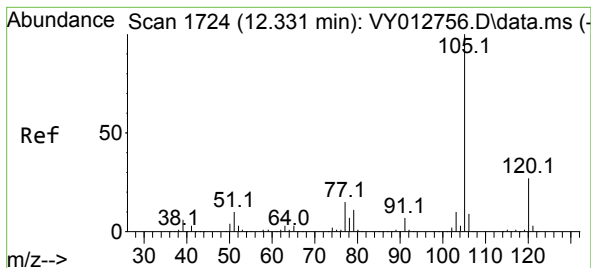
Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 164.0 0.0 347.8





#73

Isopropylbenzene

Concen: 21.207 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

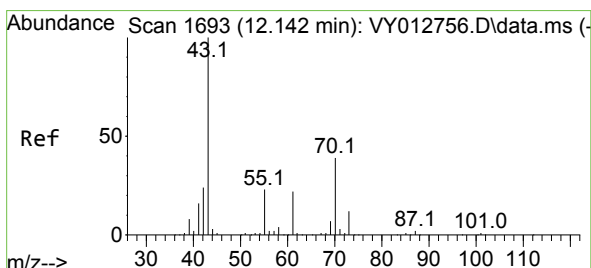
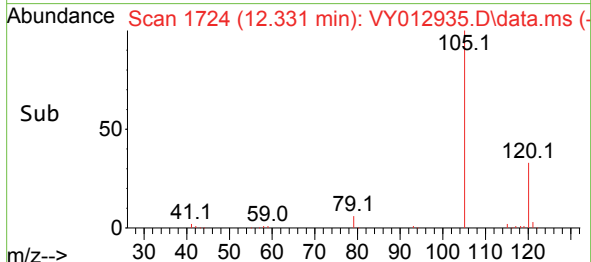
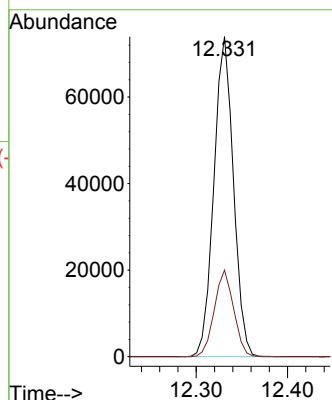
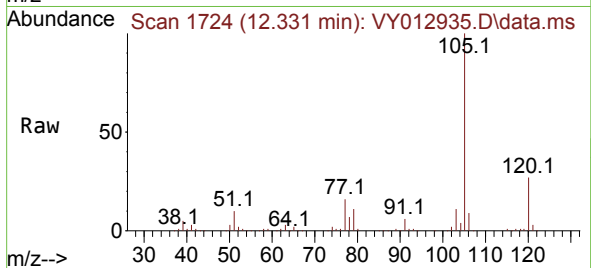
VY0314SBSD01

Tgt Ion:105 Resp: 109774

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 21.956 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Tgt Ion: 43 Resp: 35760

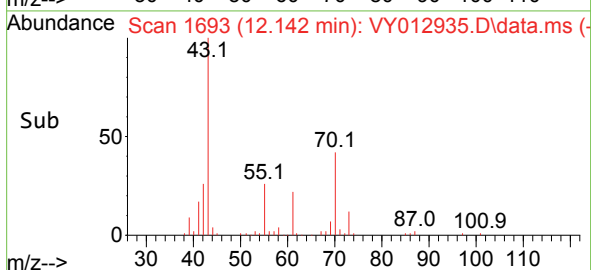
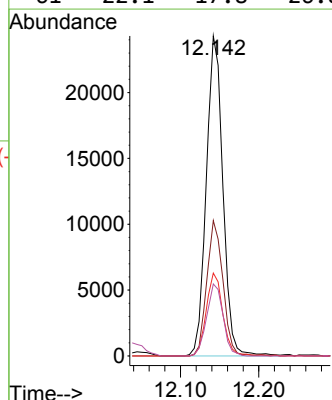
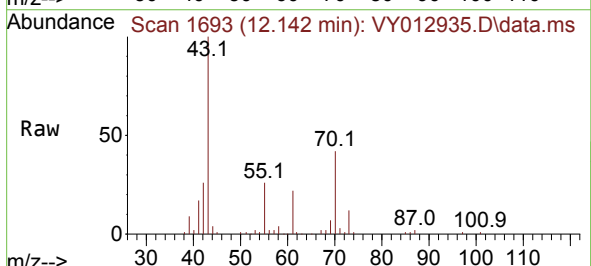
Ion Ratio Lower Upper

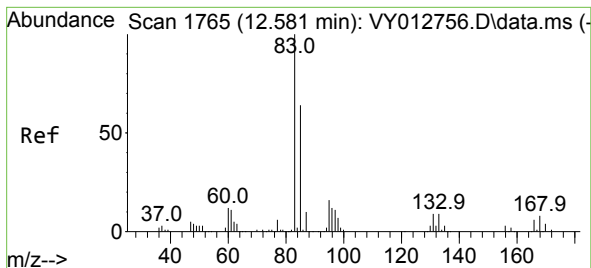
43 100

70 41.0 31.6 47.4

55 25.9 18.8 28.2

61 22.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.046 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

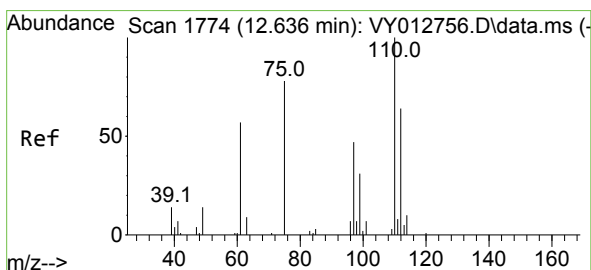
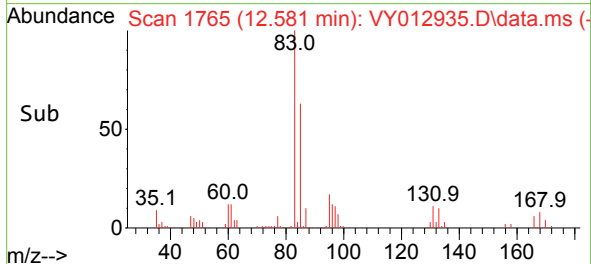
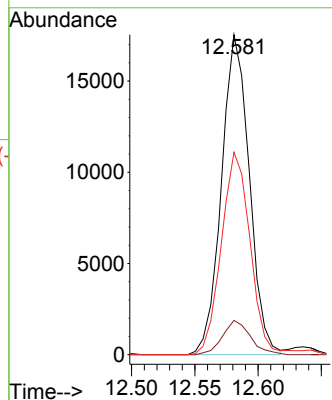
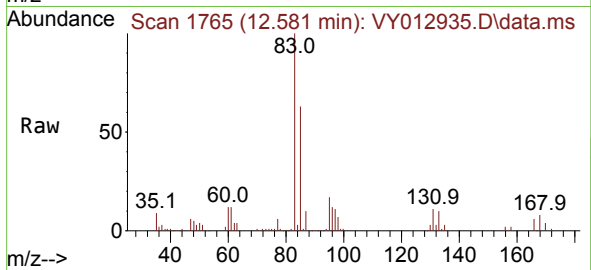
Tgt Ion: 83 Resp: 26817

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 65.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 39.442 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012935.D

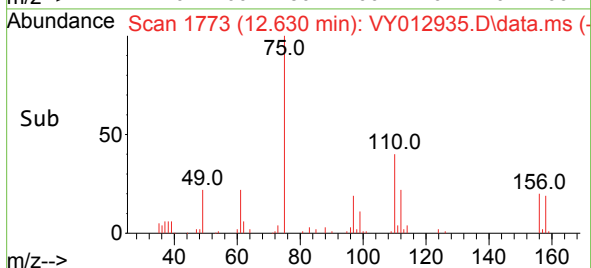
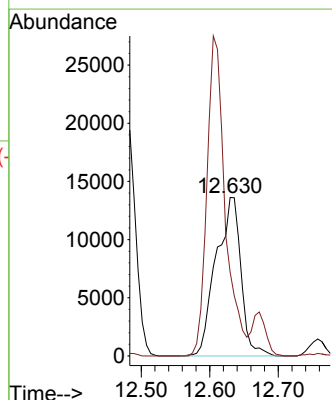
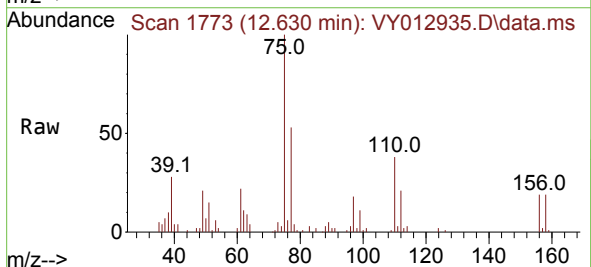
Acq: 14 Mar 2023 12:15

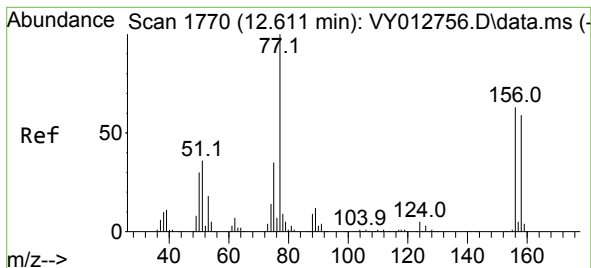
Tgt Ion: 75 Resp: 34402

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.713 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

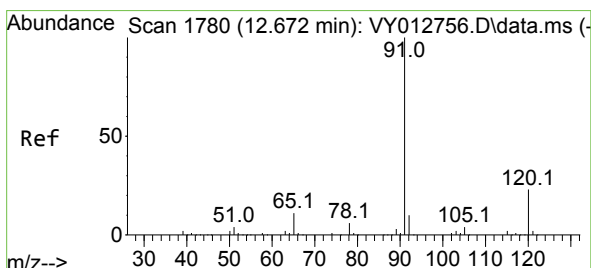
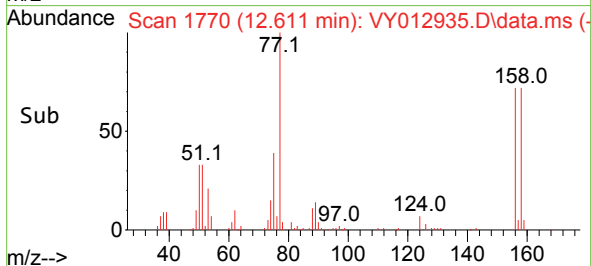
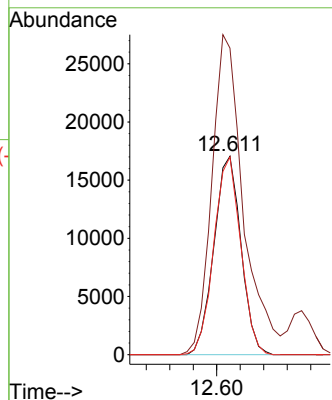
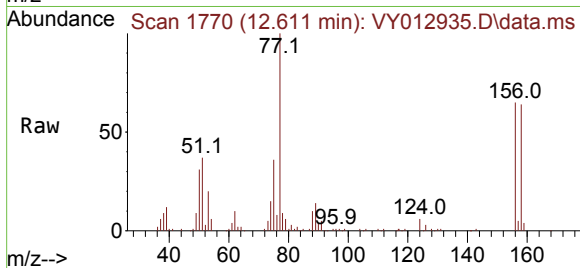
Tgt Ion:156 Resp: 27305

Ion Ratio Lower Upper

156 100

77 187.1 94.0 282.1

158 99.0 48.1 144.4



#78

n-propylbenzene

Concen: 21.361 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012935.D

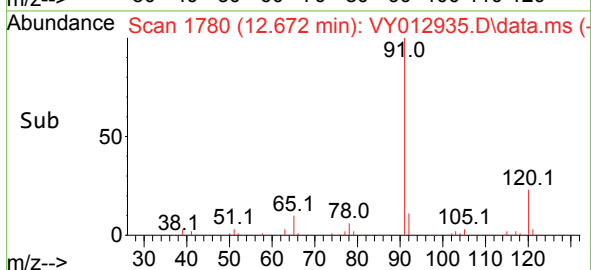
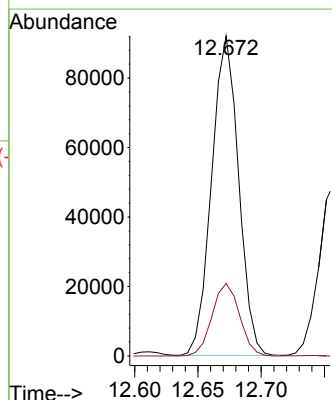
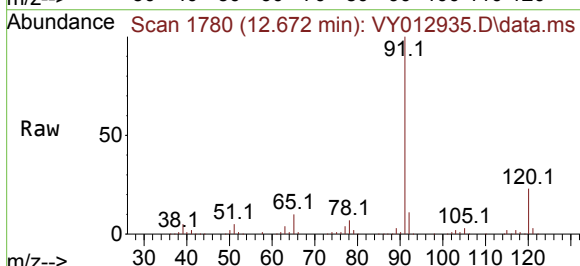
Acq: 14 Mar 2023 12:15

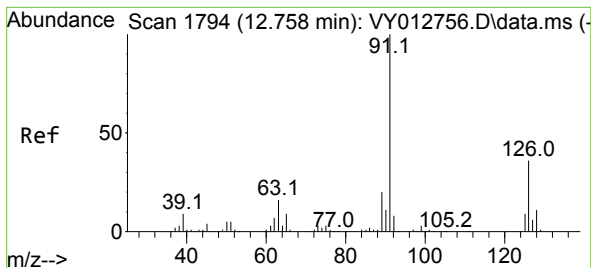
Tgt Ion: 91 Resp: 136326

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.439 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

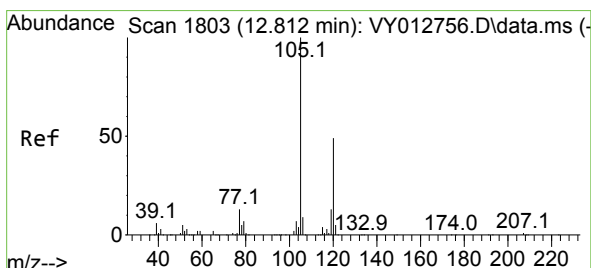
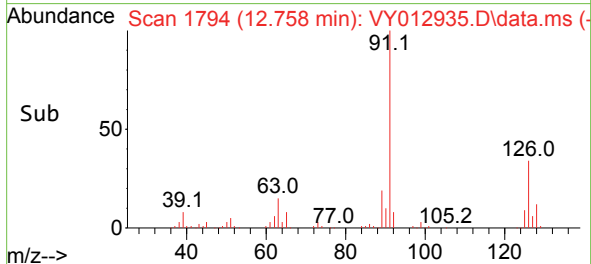
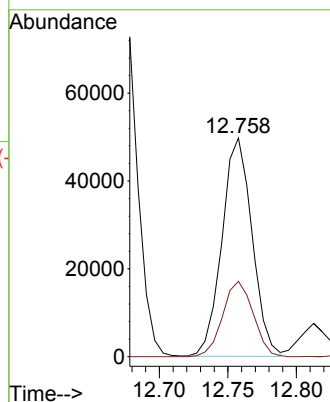
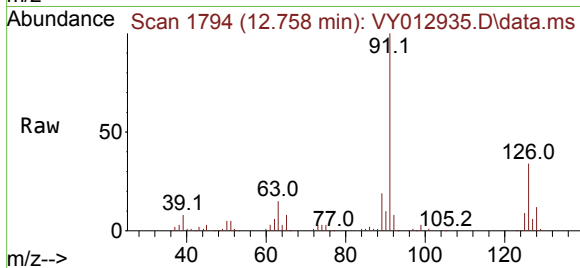
VY0314SBSD01

Tgt Ion: 91 Resp: 76043

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.363 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012935.D

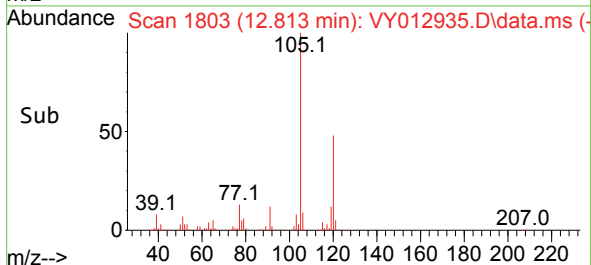
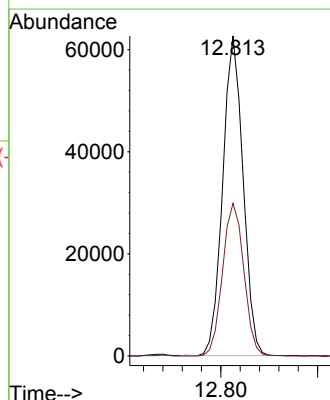
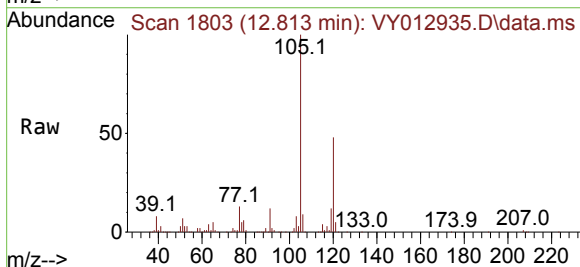
Acq: 14 Mar 2023 12:15

Tgt Ion:105 Resp: 91262

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4

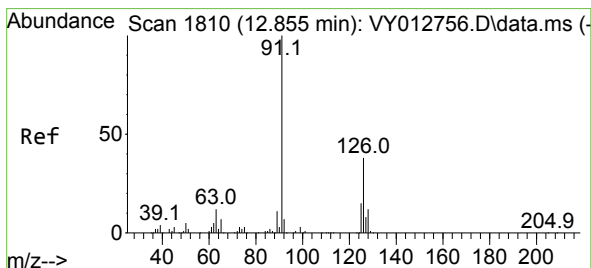
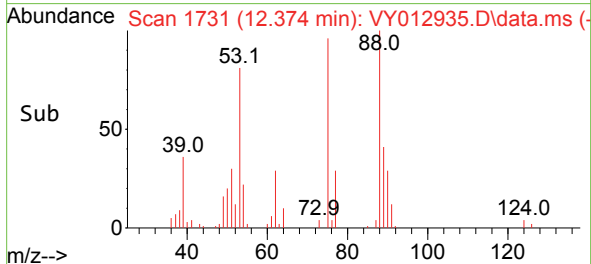
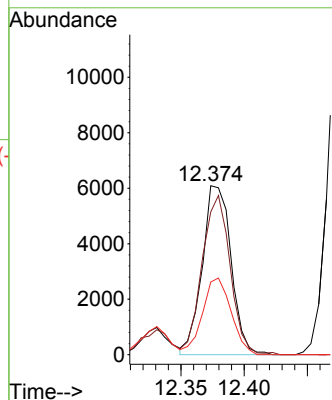
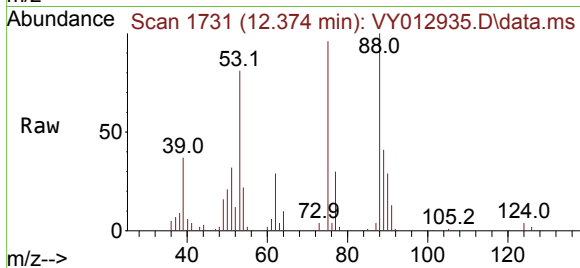




#81
trans-1,4-Dichloro-2-butene
Concen: 22.934 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

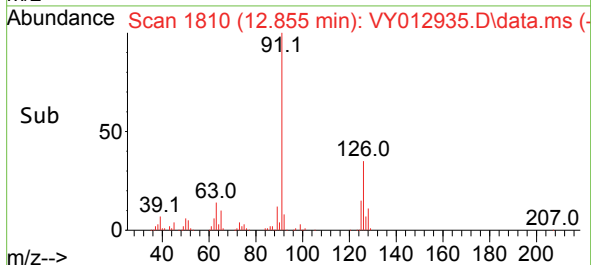
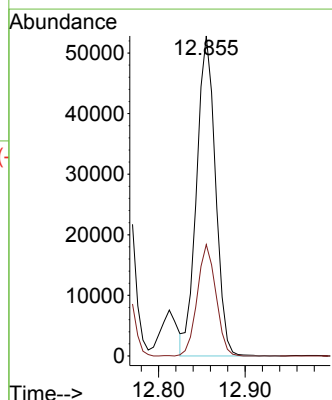
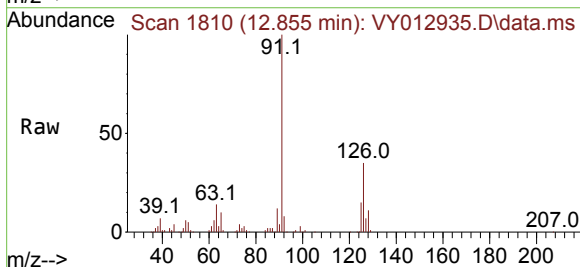
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

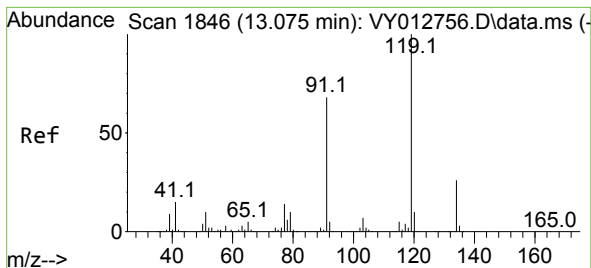
Tgt Ion: 75 Resp: 9654
Ion Ratio Lower Upper
75 100
53 91.9 73.4 110.0
89 45.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 21.727 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 91 Resp: 79776
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1

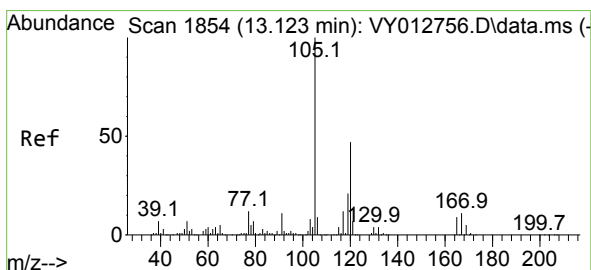
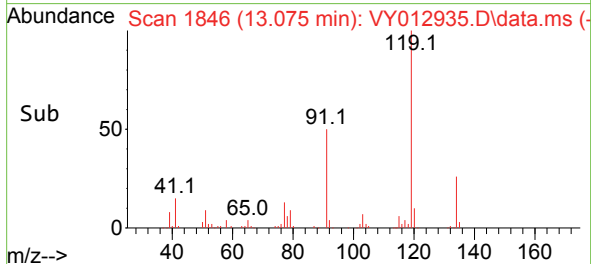
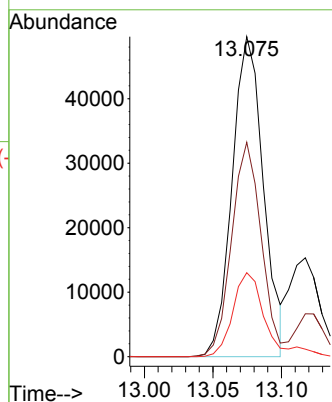
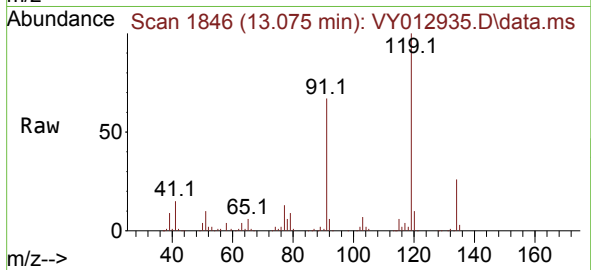




#83
tert-Butylbenzene
Concen: 21.392 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

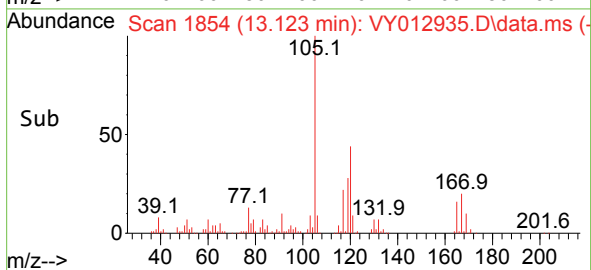
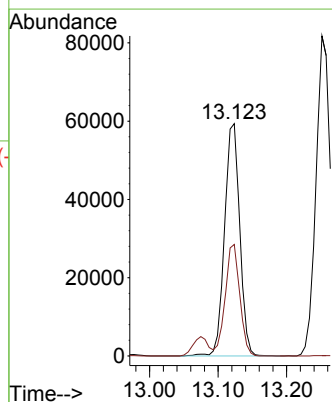
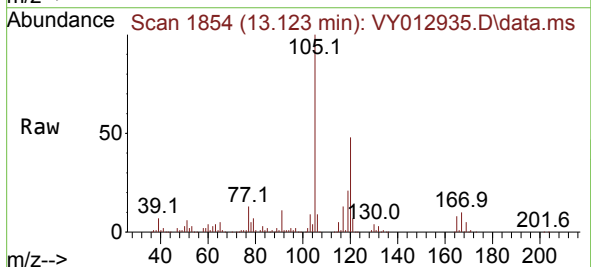
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

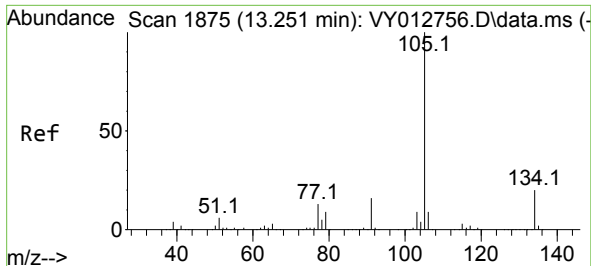
Tgt Ion:119 Resp: 78877
Ion Ratio Lower Upper
119 100
91 63.4 32.8 98.3
134 27.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.828 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion:105 Resp: 91182
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0

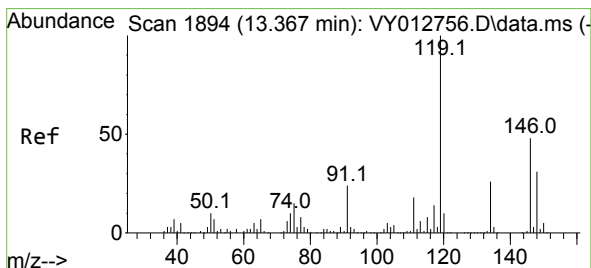
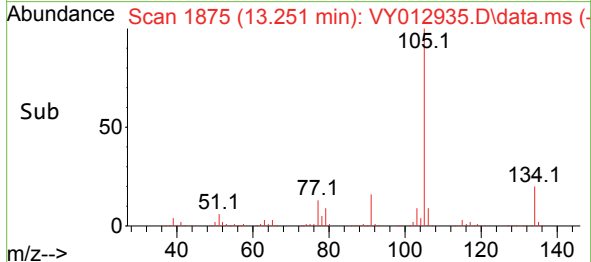
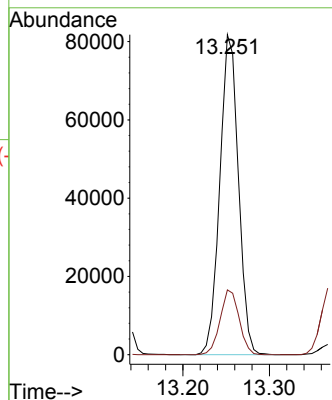
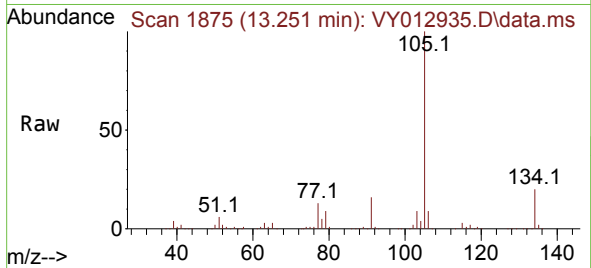




#85
 sec-Butylbenzene
 Concen: 21.678 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

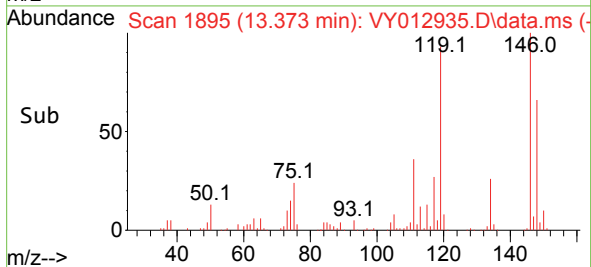
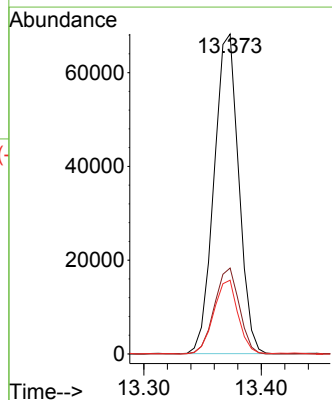
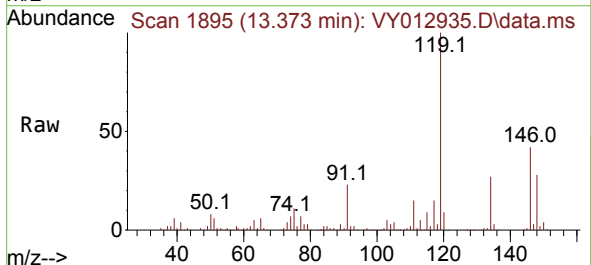
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

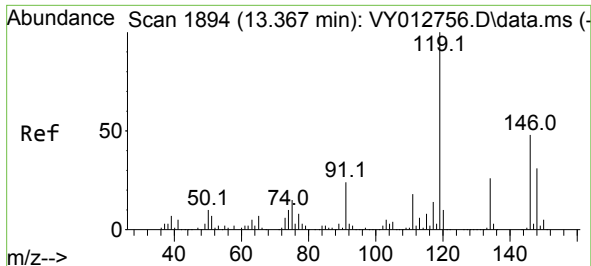
Tgt Ion:105 Resp: 121937
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.649 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012935.D
 Acq: 14 Mar 2023 12:15

Tgt Ion:119 Resp: 99527
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 22.283 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

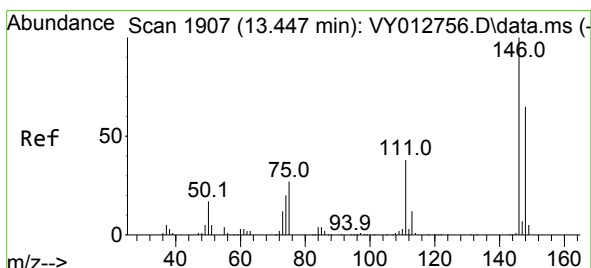
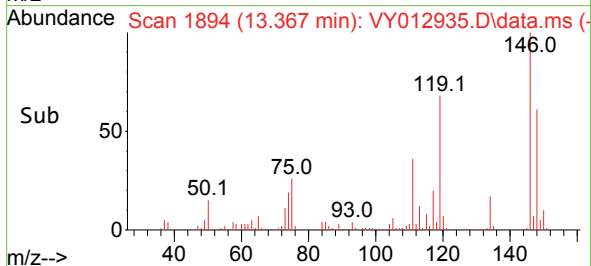
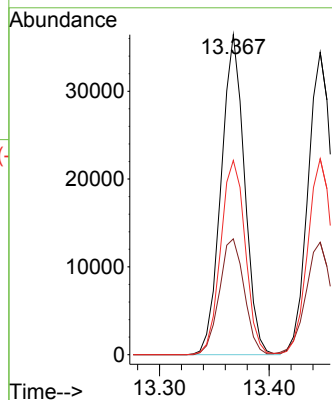
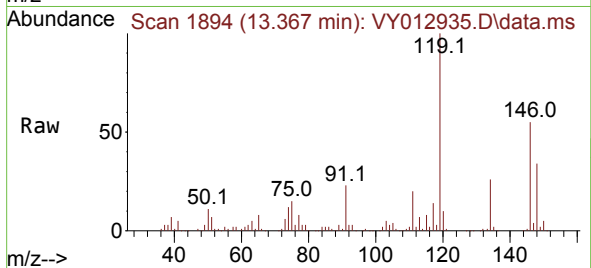
Tgt Ion:146 Resp: 54044

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.472 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

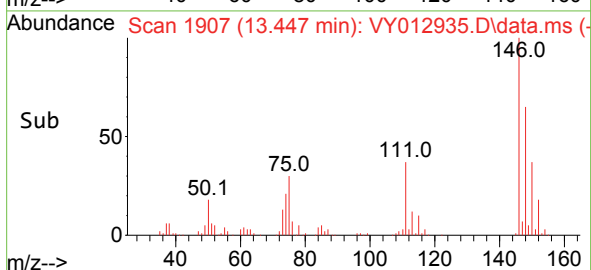
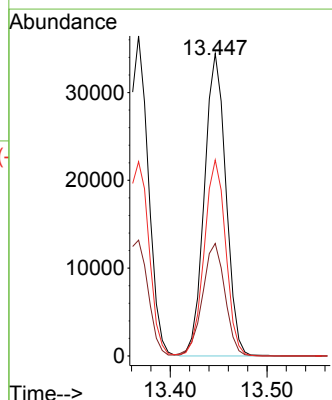
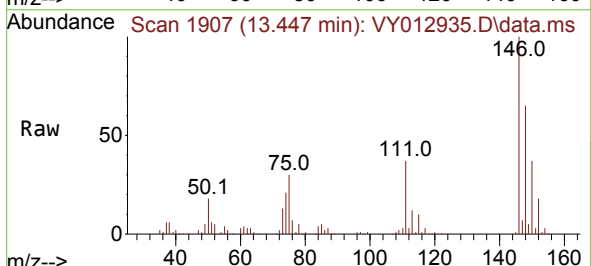
Tgt Ion:146 Resp: 53149

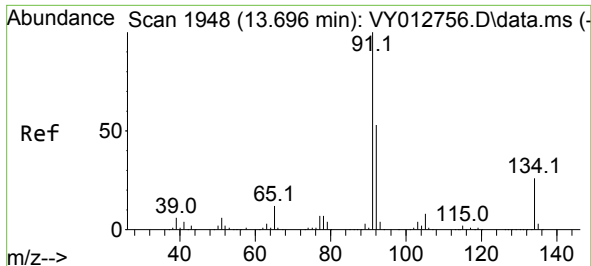
Ion Ratio Lower Upper

146 100

111 39.1 18.6 55.8

148 64.8 31.5 94.5

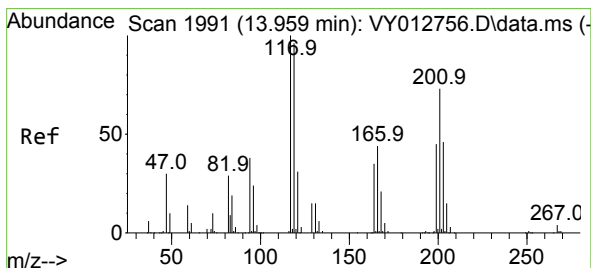
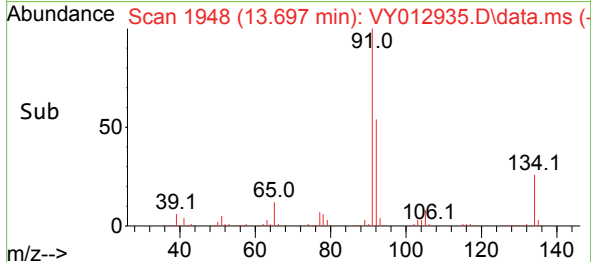
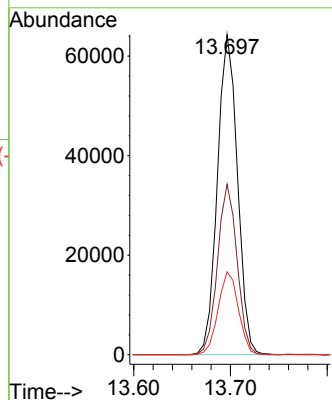
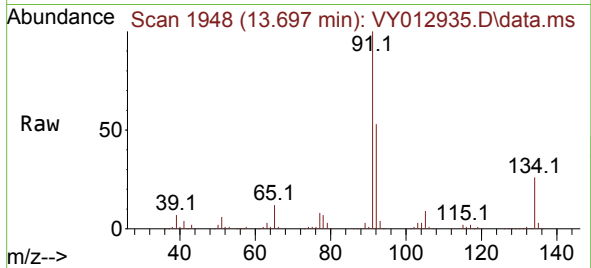




#89
n-Butylbenzene
Concen: 20.992 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

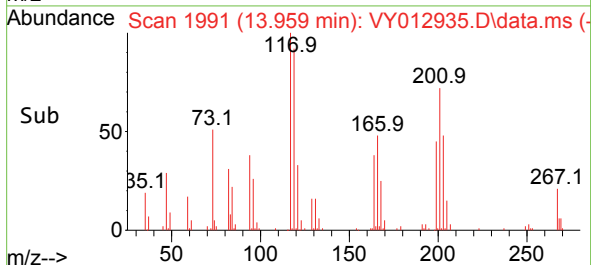
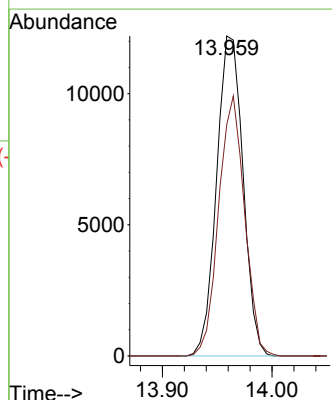
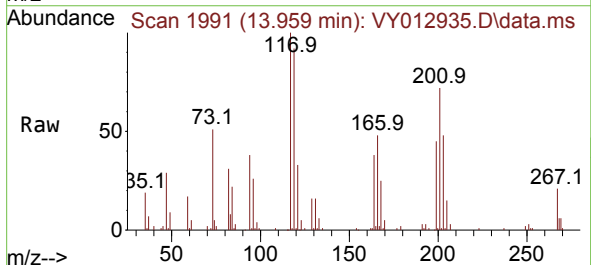
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

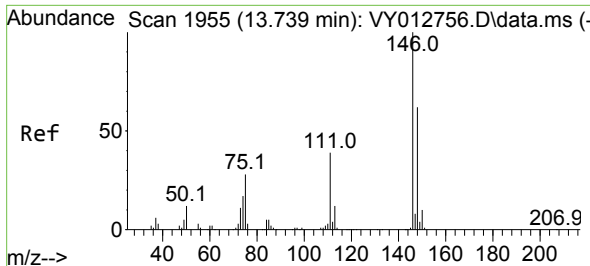
Tgt Ion: 91 Resp: 92386
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 21.376 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 117 Resp: 20468
Ion Ratio Lower Upper
117 100
201 79.6 39.4 118.1

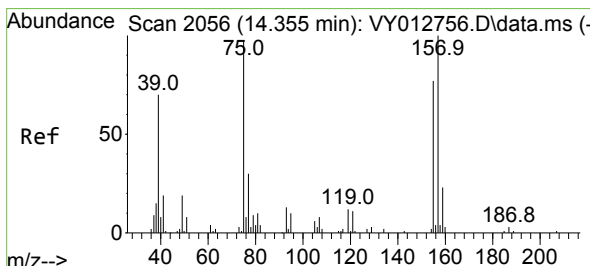
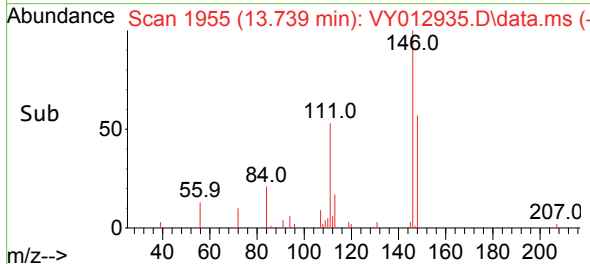
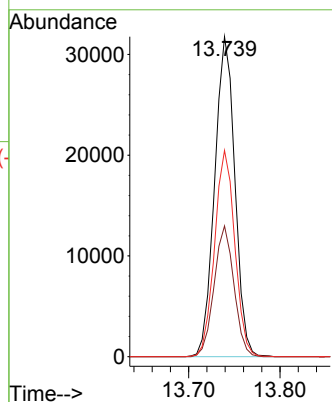
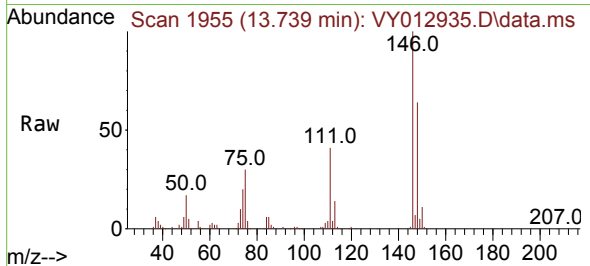




#91
1,2-Dichlorobenzene
Concen: 22.279 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

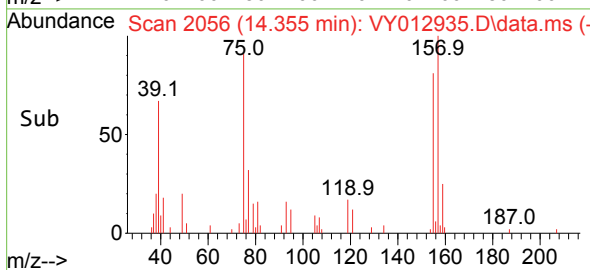
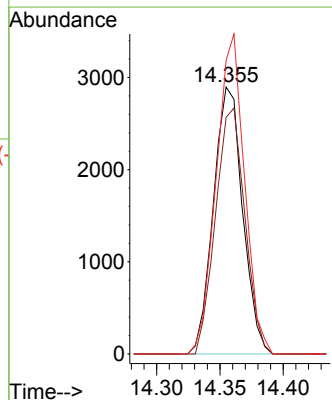
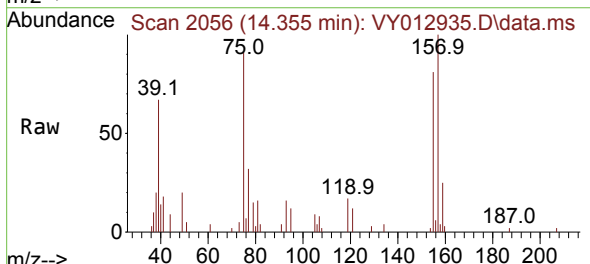
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

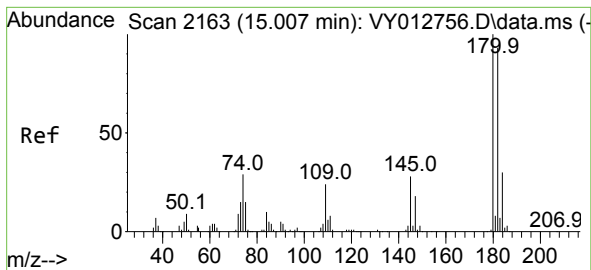
Tgt Ion:146 Resp: 48845
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 64.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.742 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012935.D
Acq: 14 Mar 2023 12:15

Tgt Ion: 75 Resp: 4653
Ion Ratio Lower Upper
75 100
155 92.4 43.8 131.4
157 115.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.151 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

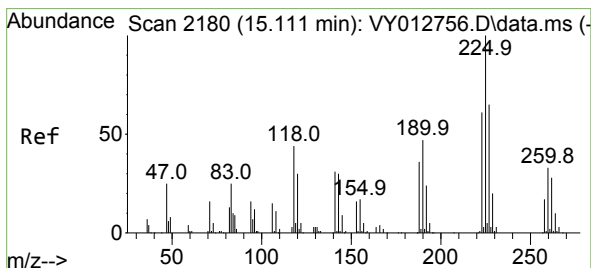
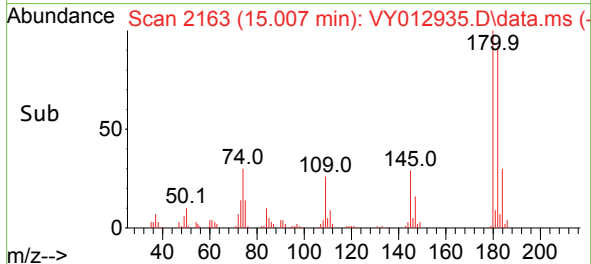
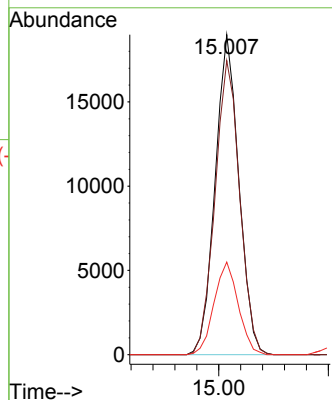
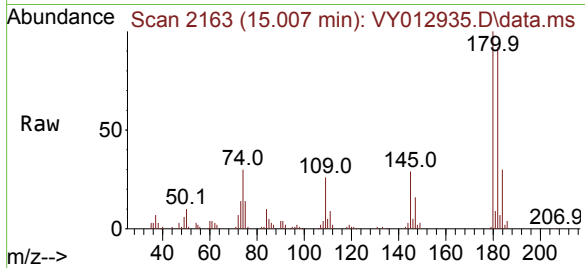
Tgt Ion:180 Resp: 28551

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.407 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

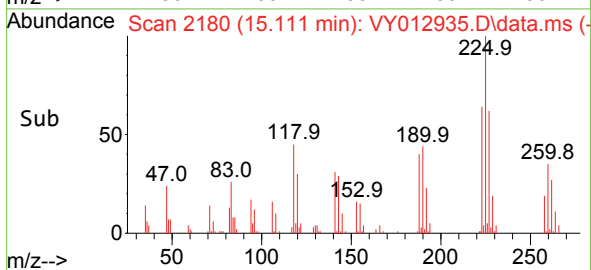
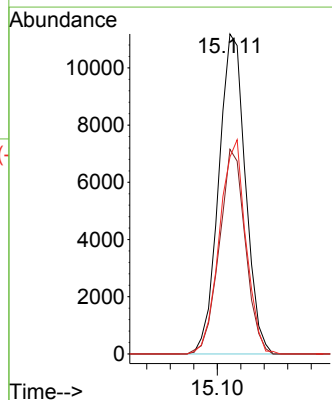
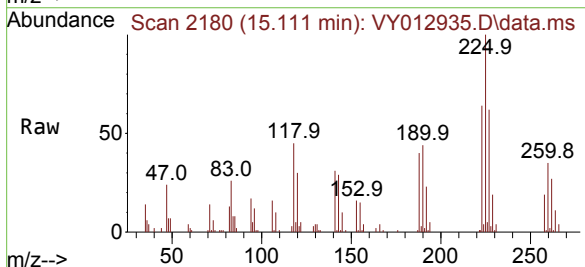
Tgt Ion:225 Resp: 17625

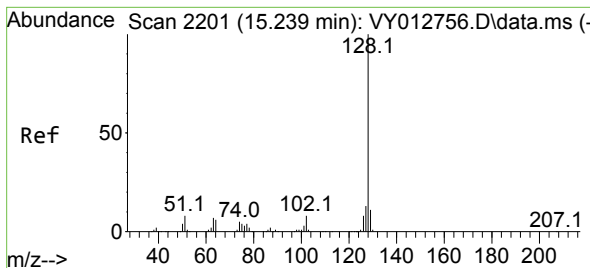
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 66.2 32.4 97.0





#95

Naphthalene

Concen: 22.415 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

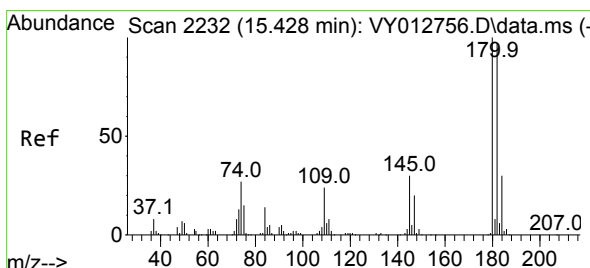
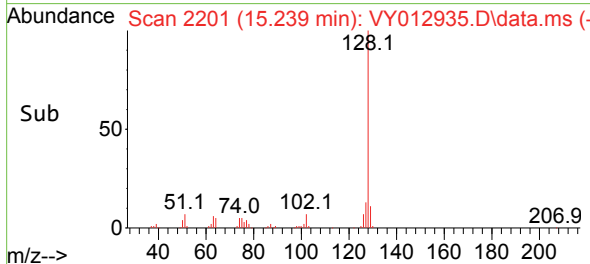
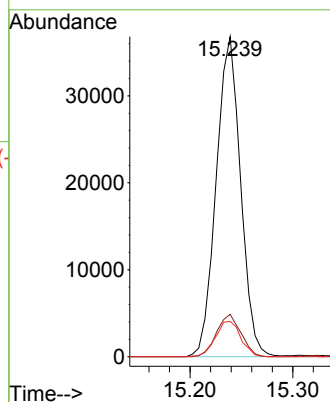
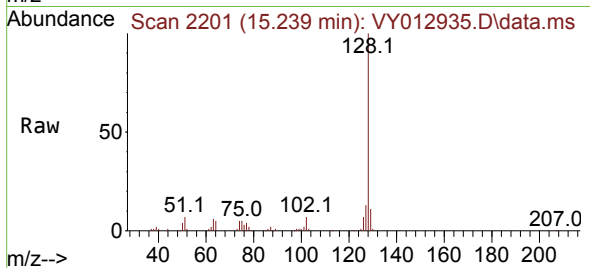
Tgt Ion:128 Resp: 60634

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.861 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012935.D

Acq: 14 Mar 2023 12:15

Tgt Ion:180 Resp: 26245

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 30.7 15.3 45.8

