

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017667.D
 Acq On : 15 Mar 2024 12:57
 Operator : SY/MD
 Sample : VY0315SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

Quant Time: Mar 16 00:14:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57386	41.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.840%
35) Dibromofluoromethane	7.716	113	65747	40.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.900%
50) Toluene-d8	10.179	98	247164	43.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.483	95	76278	42.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18475	17.132	ug/l	98
3) Chloromethane	2.113	50	38419	19.498	ug/l	100
4) Vinyl Chloride	2.247	62	49575	19.612	ug/l	100
5) Bromomethane	2.643	94	42673	20.716	ug/l	98
6) Chloroethane	2.790	64	33404	20.948	ug/l	96
7) Trichlorofluoromethane	3.119	101	46991	18.240	ug/l	95
8) Diethyl Ether	3.527	74	15415	20.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	29007	19.575	ug/l	99
10) Methyl Iodide	4.088	142	34819	20.937	ug/l	98
11) Tert butyl alcohol	4.954	59	10964	93.160	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	27717	20.070	ug/l	89
13) Acrolein	3.729	56	12669	81.584	ug/l	99
14) Allyl chloride	4.472	41	34322	20.568	ug/l	98
15) Acrylonitrile	5.155	53	30613	98.554	ug/l	99
16) Acetone	3.942	43	29278	108.949	ug/l	95
17) Carbon Disulfide	4.192	76	85831	20.706	ug/l	99
18) Methyl Acetate	4.472	43	11803	18.104	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	63252	19.650	ug/l	99
20) Methylene Chloride	4.710	84	36723	19.969	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	33333	20.614	ug/l	95
22) Diisopropyl ether	6.112	45	79667	20.689	ug/l	96
23) Vinyl Acetate	6.057	43	233929	101.950	ug/l	99
24) 1,1-Dichloroethane	6.015	63	52848	20.089	ug/l	98
25) 2-Butanone	6.984	43	39731	103.742	ug/l	100
26) 2,2-Dichloropropane	6.978	77	44796	20.253	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	36880	20.314	ug/l	98
28) Bromochloromethane	7.332	49	21265	20.525	ug/l	99
29) Tetrahydrofuran	7.344	42	22543	97.647	ug/l	99
30) Chloroform	7.502	83	58129	20.754	ug/l	97
31) Cyclohexane	7.783	56	44723	19.835	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	48555	19.968	ug/l	98
36) 1,1-Dichloropropene	7.917	75	43431	19.804	ug/l	99
37) Ethyl Acetate	7.069	43	16659	19.233	ug/l	96
38) Carbon Tetrachloride	7.899	117	42505	19.339	ug/l	99
39) Methylcyclohexane	9.179	83	51216	19.433	ug/l	97
40) Benzene	8.161	78	131093	20.129	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	21209	48.795	ug/l #	25
42) 1,2-Dichloroethane	8.234	62	31402	19.762	ug/l	98
43) Isopropyl Acetate	8.270	43	30048	19.741	ug/l	99
44) Trichloroethene	8.941	130	36145	19.255	ug/l	99
45) 1,2-Dichloropropane	9.215	63	31251	20.169	ug/l	98
46) Dibromomethane	9.307	93	17704	19.965	ug/l	97
47) Bromodichloromethane	9.496	83	43393	20.153	ug/l	97
48) Methyl methacrylate	9.289	41	13414	19.039	ug/l	96
49) 1,4-Dioxane	9.301	88	3981	396.685	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	81028	95.518	ug/l	100
52) Toluene	10.246	92	82286	20.042	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39095	19.562	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	48227	19.860	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	25065	19.908	ug/l	97
56) Ethyl methacrylate	10.508	69	26287	18.647	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39971	19.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	70155	96.562	ug/l	99
59) 2-Hexanone	10.831	43	59260	101.703	ug/l	99
60) Dibromochloromethane	10.983	129	29328	19.690	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22976	19.802	ug/l	99
64) Tetrachloroethene	10.721	164	36822	18.669	ug/l	98
65) Chlorobenzene	11.514	112	88833	20.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	31687	19.392	ug/l	100
67) Ethyl Benzene	11.593	91	148868	19.462	ug/l	97
68) m/p-Xylenes	11.703	106	119007	39.594	ug/l	99
69) o-Xylene	12.032	106	54277	19.465	ug/l	98
70) Styrene	12.044	104	90266	19.502	ug/l	99
71) Bromoform	12.209	173	17356	19.168	ug/l #	99
73) Isopropylbenzene	12.331	105	140676	19.803	ug/l	99
74) N-amyl acetate	12.142	43	25088	20.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25511	20.913	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	31715	34.908	ug/l #	100
77) Bromobenzene	12.611	156	33738	19.611	ug/l	99
78) n-propylbenzene	12.672	91	175191	20.553	ug/l	100
79) 2-Chlorotoluene	12.757	91	96284	20.175	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	115103	20.224	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	7604	19.231	ug/l	97
82) 4-Chlorotoluene	12.855	91	98957	20.273	ug/l	97
83) tert-Butylbenzene	13.074	119	99941	19.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	113888	20.269	ug/l	100
85) sec-Butylbenzene	13.251	105	154205	20.181	ug/l	100
86) p-Isopropyltoluene	13.367	119	126510	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68811	19.927	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	67942	20.238	ug/l	100
89) n-Butylbenzene	13.696	91	116318	20.382	ug/l	98
90) Hexachloroethane	13.958	117	25561	20.384	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	58631	20.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3343	19.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	31713	20.556	ug/l	99
94) Hexachlorobutadiene	15.111	225	20444	21.463	ug/l	98
95) Naphthalene	15.239	128	49217	19.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	26775	20.230	ug/l	99

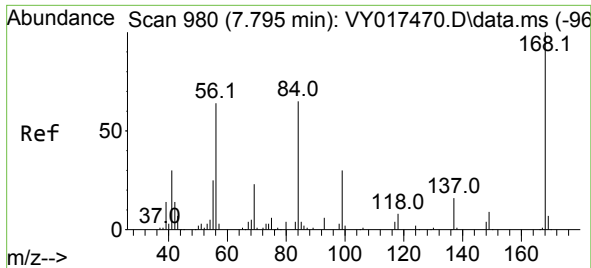
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017667.D
Acq On : 15 Mar 2024 12:57
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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SW846 8260
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Response via : Initial Calibration

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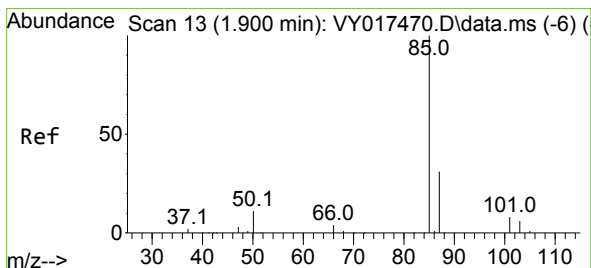
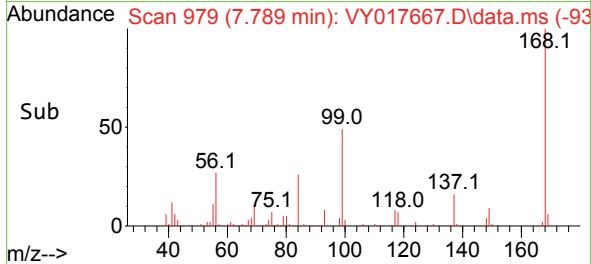
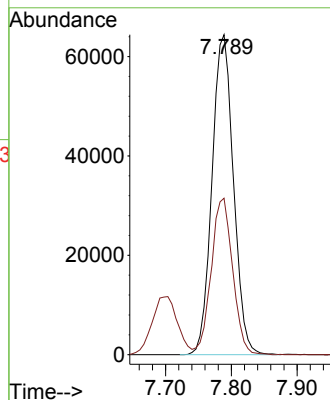
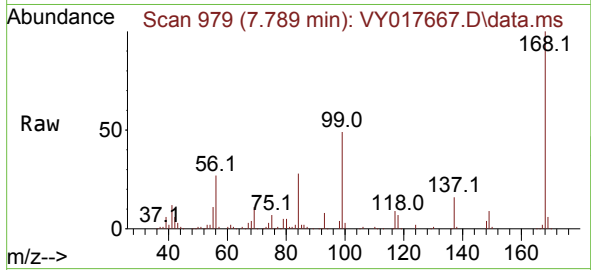
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

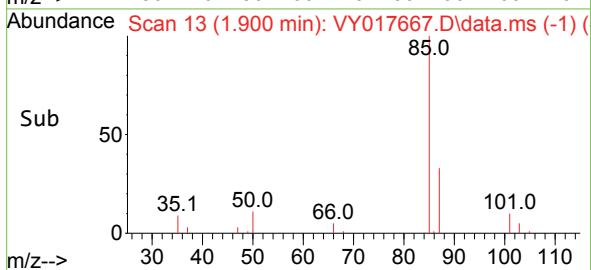
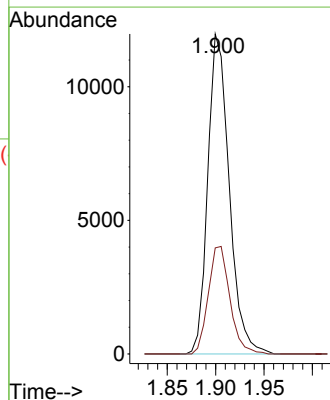
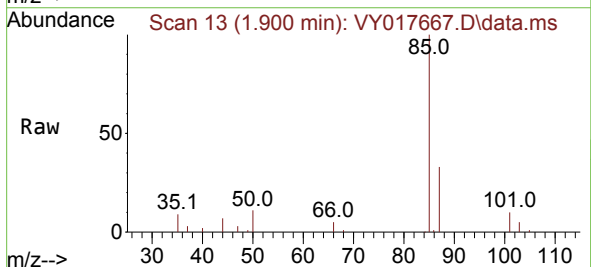
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

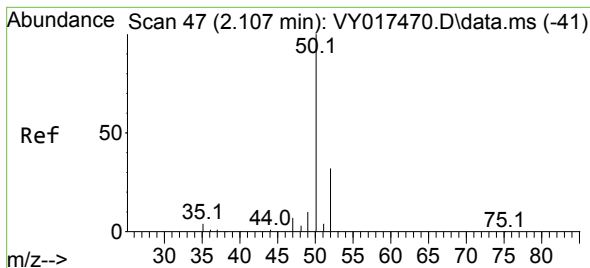
Tgt Ion:168 Resp: 146192
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 17.132 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 85 Resp: 18475
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0





#3

Chloromethane

Concen: 19.498 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

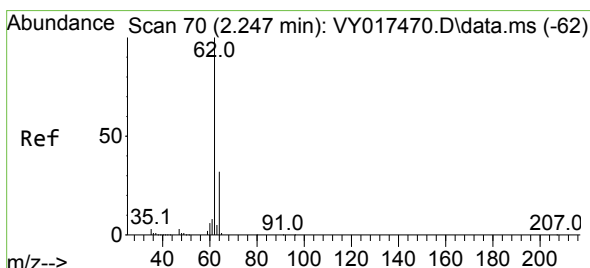
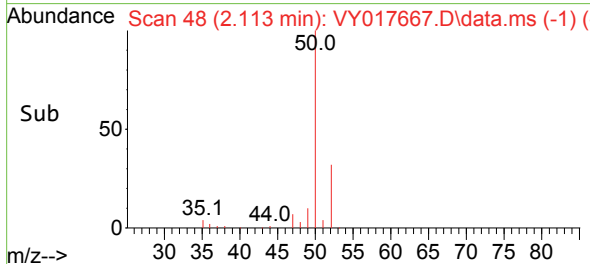
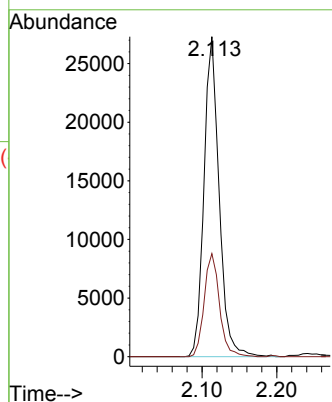
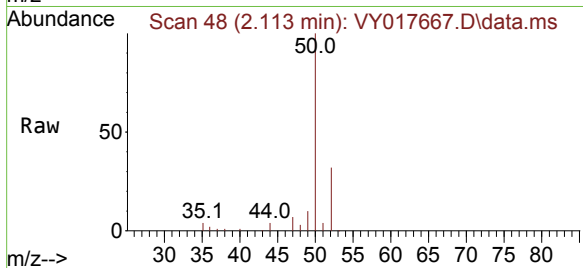
VY0315SBSD01

Tgt Ion: 50 Resp: 38419

Ion Ratio Lower Upper

50 100

52 32.2 25.6 38.4



#4

Vinyl Chloride

Concen: 19.612 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017667.D

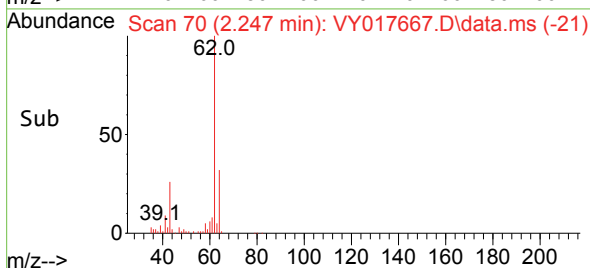
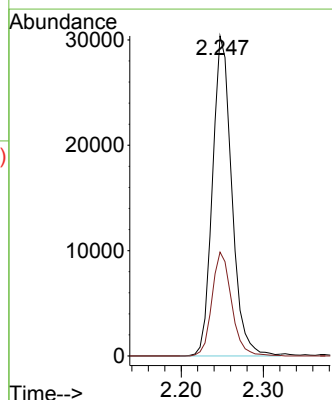
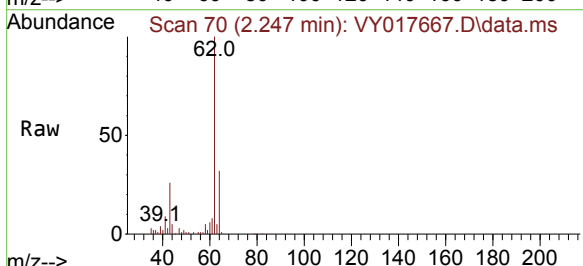
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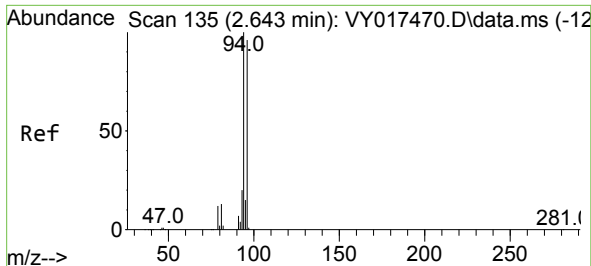
Tgt Ion: 62 Resp: 49575

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1

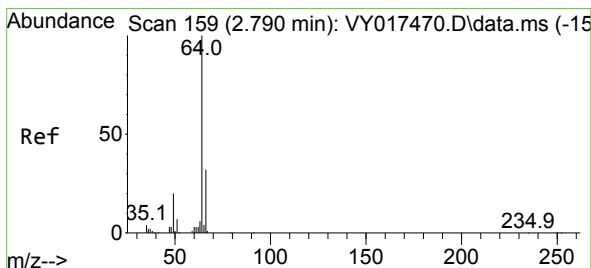
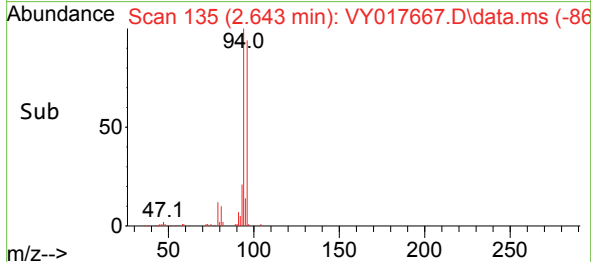
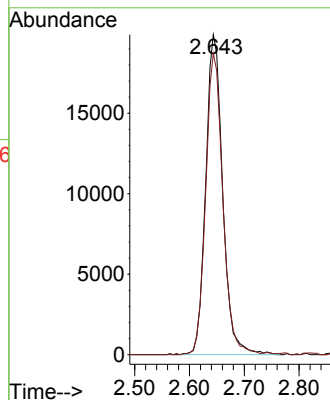
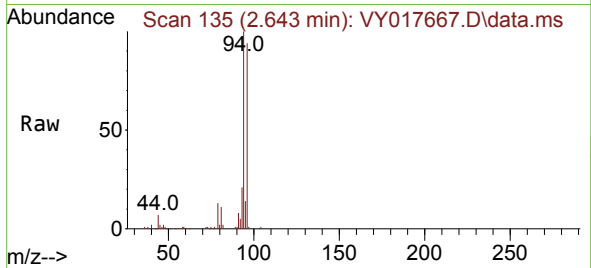




#5
Bromomethane
Concen: 20.716 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

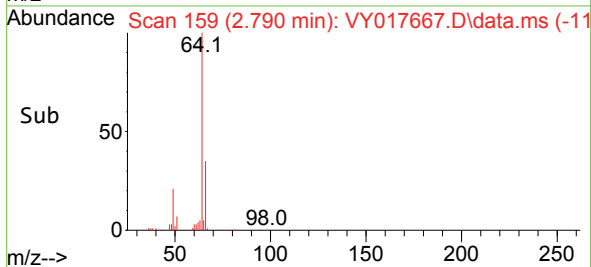
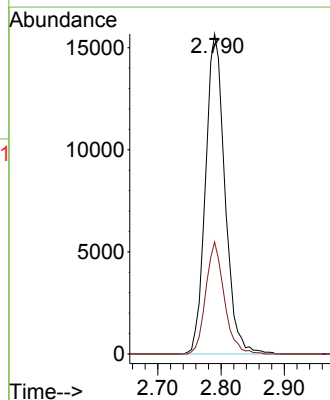
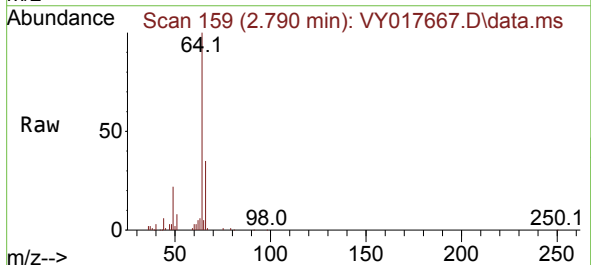
Instrument :
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ClientSampleId :
VY0315SBSD01

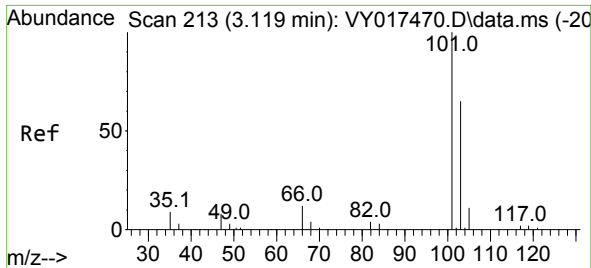
Tgt Ion: 94 Resp: 42673
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1



#6
Chloroethane
Concen: 20.948 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 64 Resp: 33404
Ion Ratio Lower Upper
64 100
66 35.0 26.1 39.1

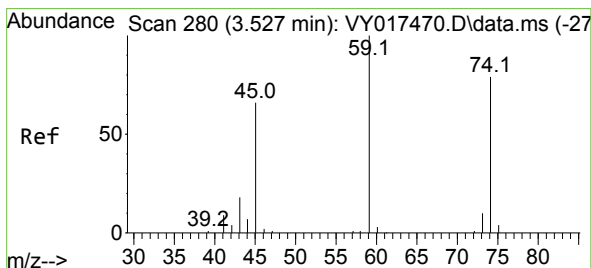
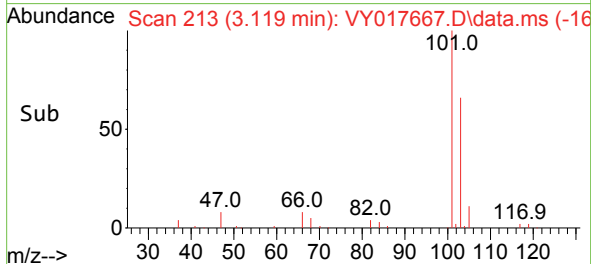
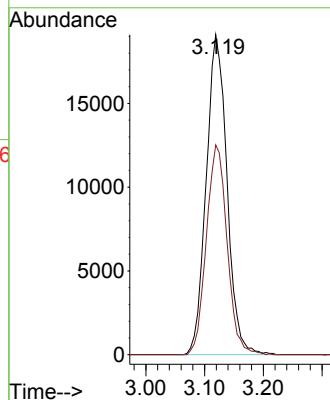
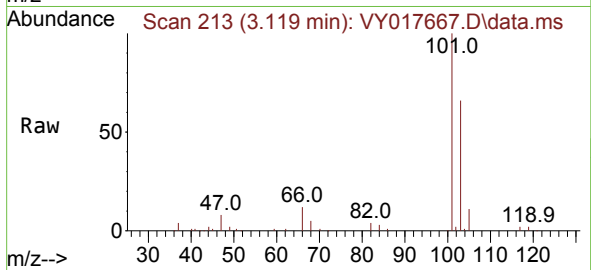




#7
 Trichlorofluoromethane
 Concen: 18.240 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

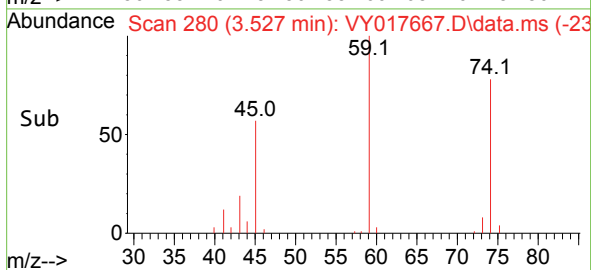
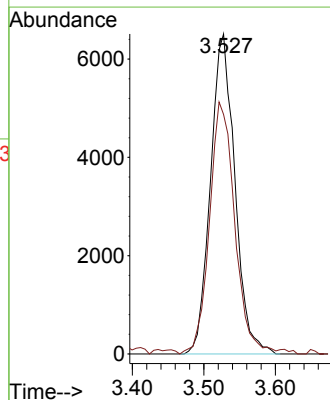
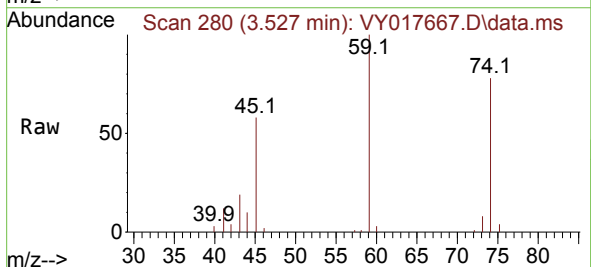
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

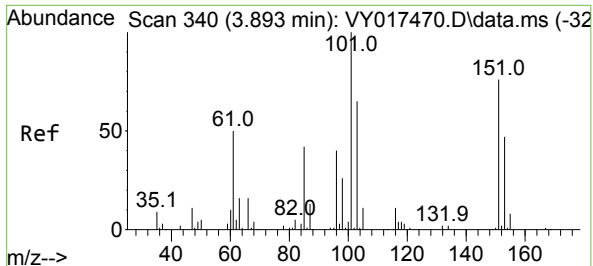
Tgt Ion:101 Resp: 46991
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.400 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

Tgt Ion: 74 Resp: 15415
 Ion Ratio Lower Upper
 74 100
 45 82.2 41.3 124.1

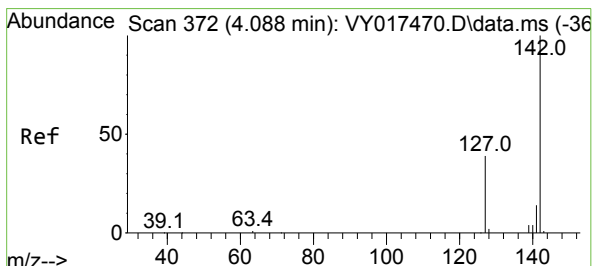
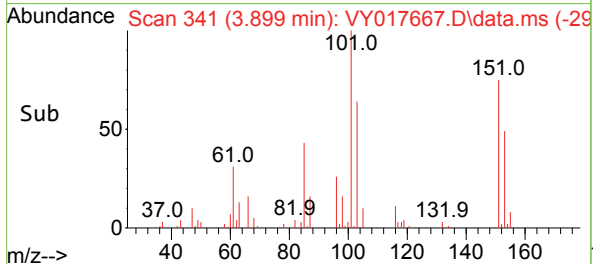
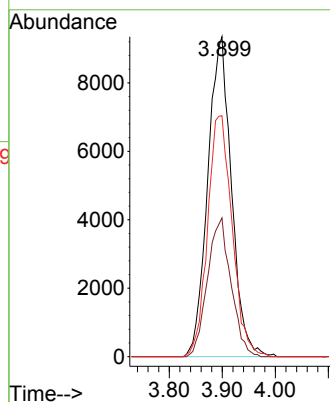
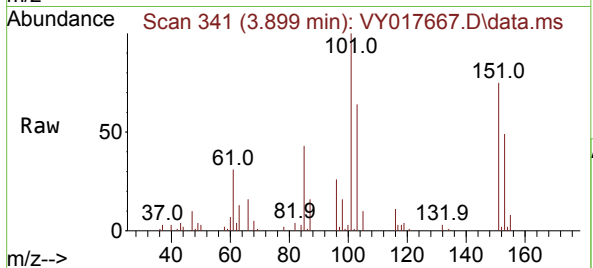




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.575 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

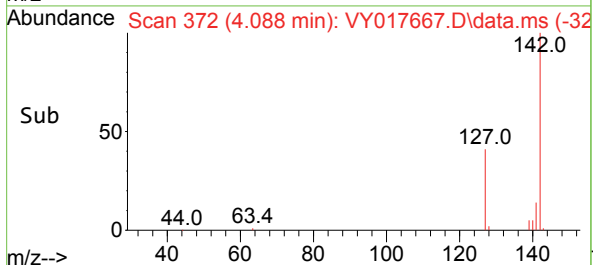
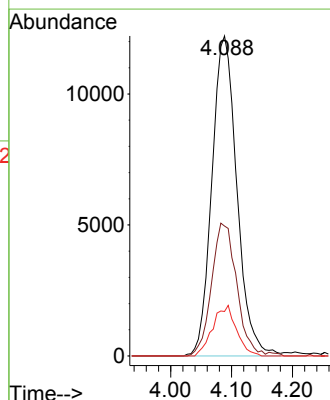
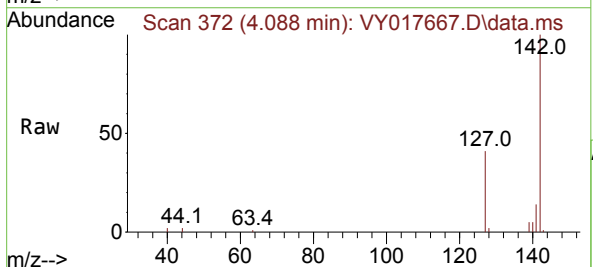
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

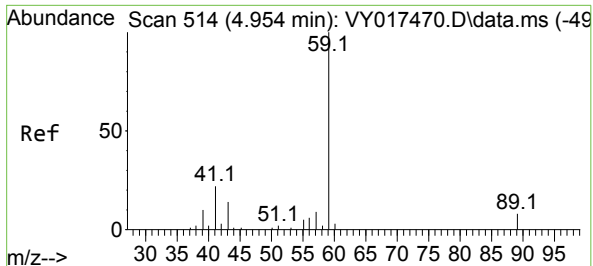
Tgt Ion:101 Resp: 29007
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 20.937 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:142 Resp: 34819
Ion Ratio Lower Upper
142 100
127 42.1 32.8 49.2
141 14.9 11.4 17.2

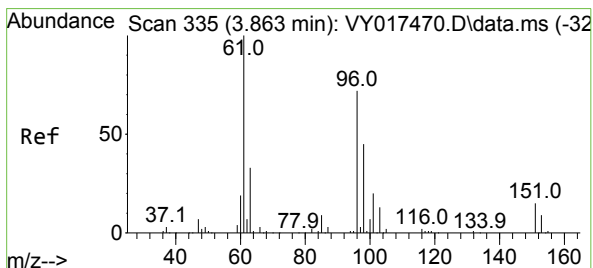
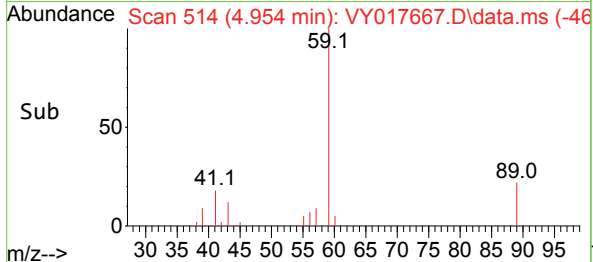
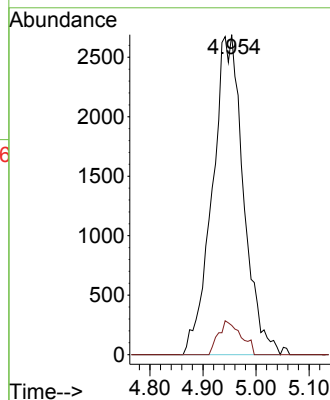
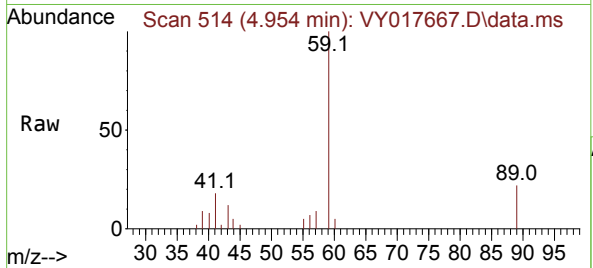




#11
Tert butyl alcohol
Concen: 93.160 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

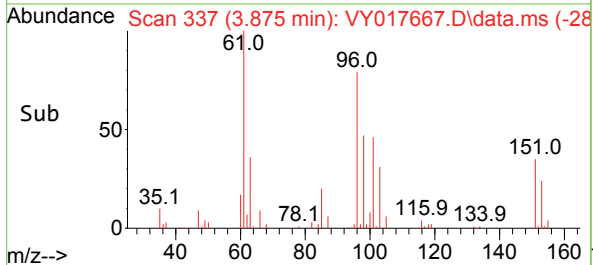
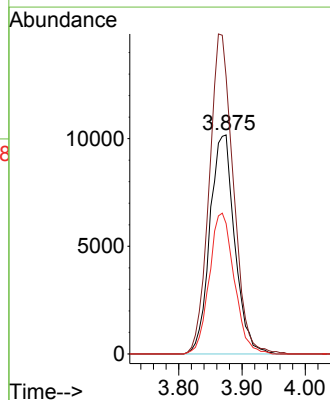
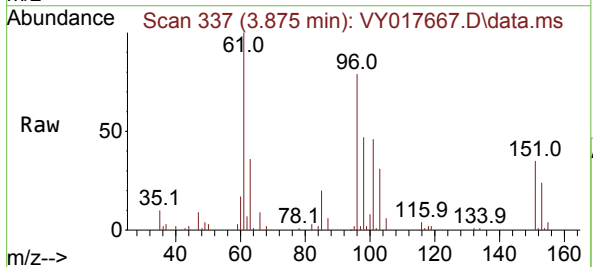
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

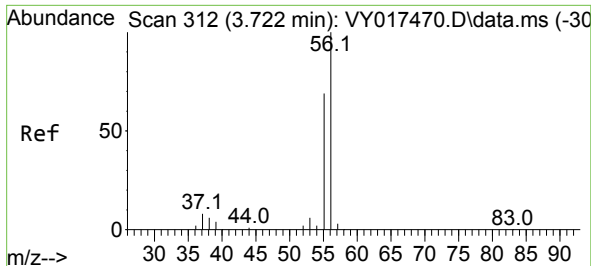
Tgt Ion: 59 Resp: 10964
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.070 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 96 Resp: 27717
Ion Ratio Lower Upper
96 100
61 126.5 114.6 171.8
98 59.6 50.8 76.2





#13

Acrolein

Concen: 81.584 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

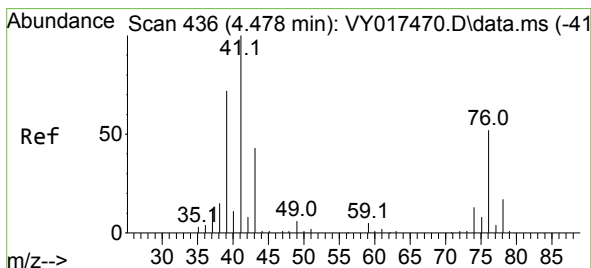
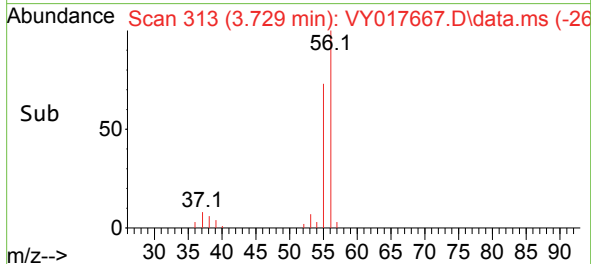
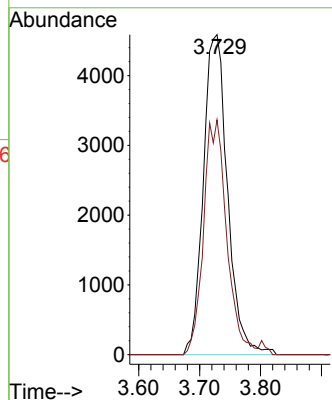
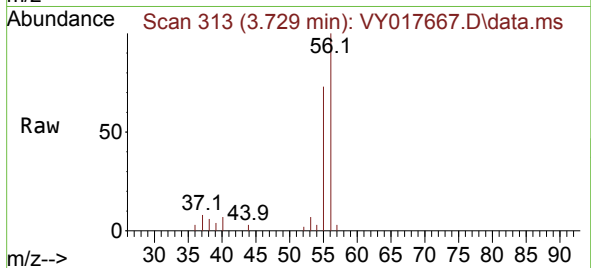
VY0315SBS01

Tgt Ion: 56 Resp: 12669

Ion Ratio Lower Upper

56 100

55 70.2 55.7 83.5



#14

Allyl chloride

Concen: 20.568 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

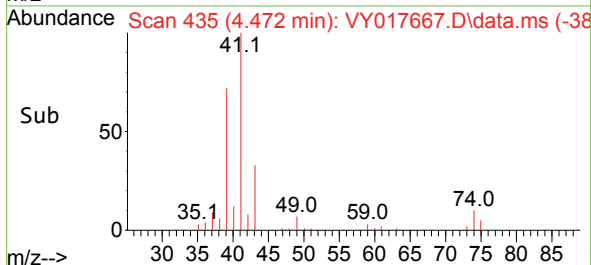
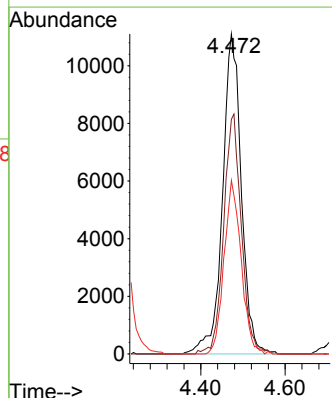
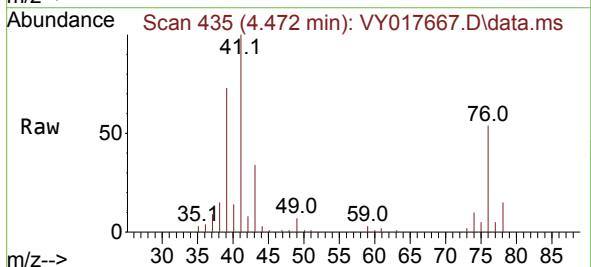
Tgt Ion: 41 Resp: 34322

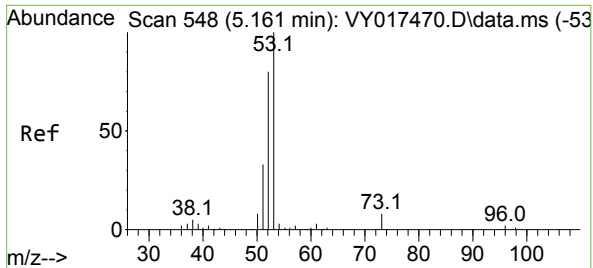
Ion Ratio Lower Upper

41 100

39 70.4 58.3 87.5

76 49.3 39.0 58.6





#15

Acrylonitrile

Concen: 98.554 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

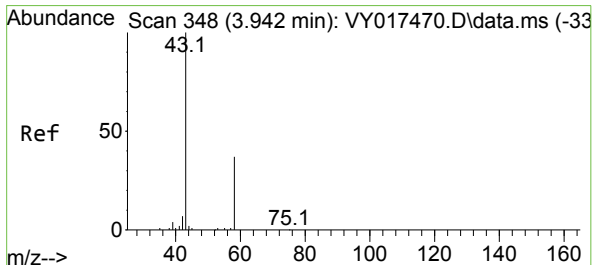
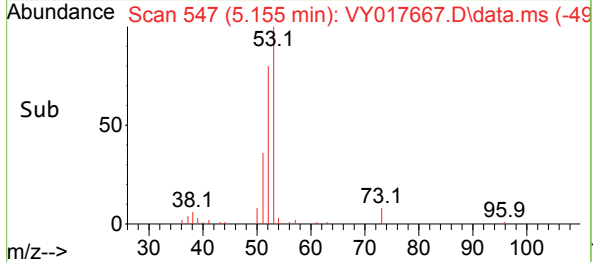
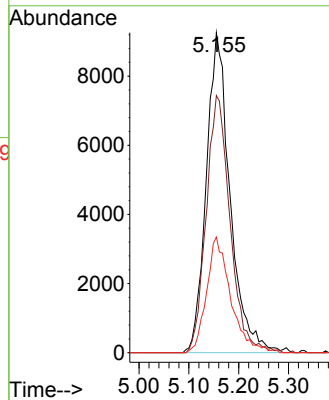
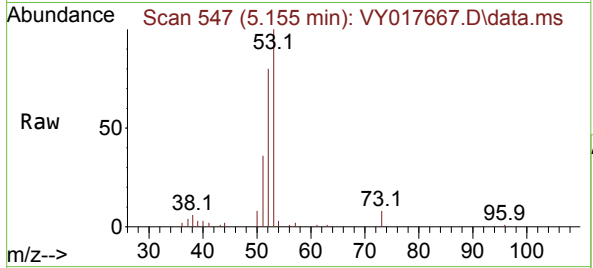
Tgt Ion: 53 Resp: 30613

Ion Ratio Lower Upper

53 100

52 80.8 64.7 97.1

51 36.8 28.4 42.6



#16

Acetone

Concen: 108.949 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017667.D

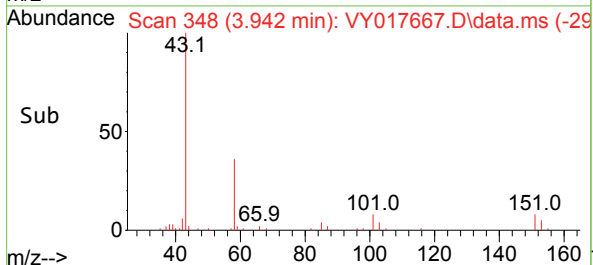
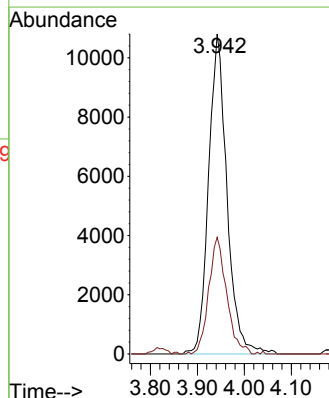
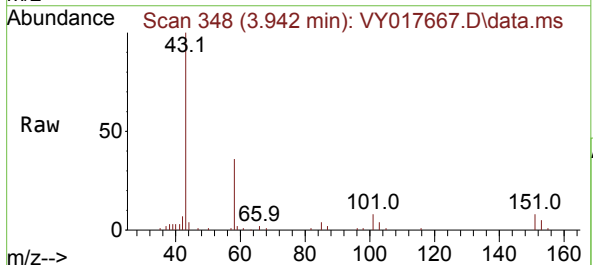
Acq: 15 Mar 2024 12:57

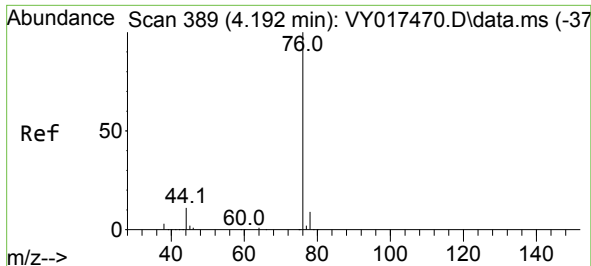
Tgt Ion: 43 Resp: 29278

Ion Ratio Lower Upper

43 100

58 36.5 31.7 47.5

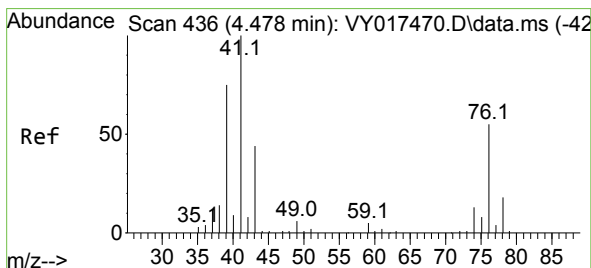
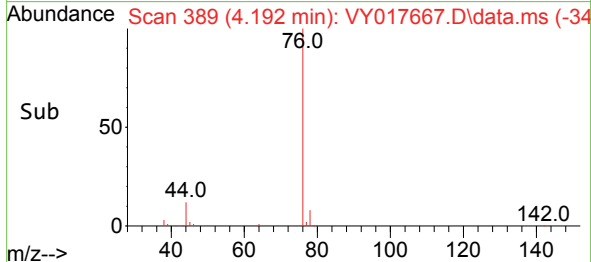
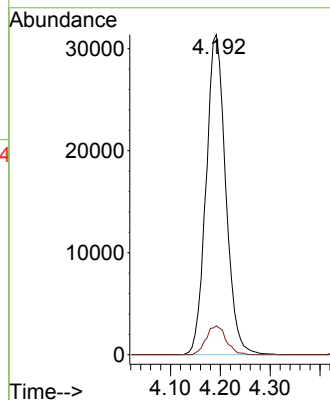
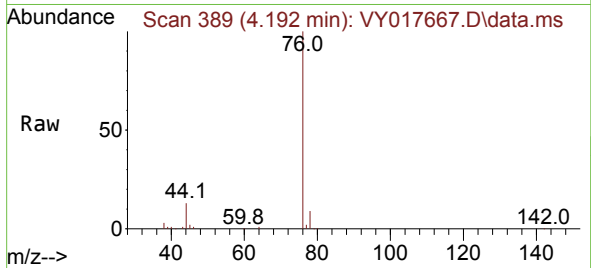




#17
Carbon Disulfide
Concen: 20.706 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

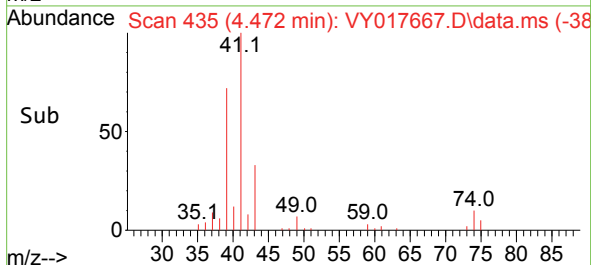
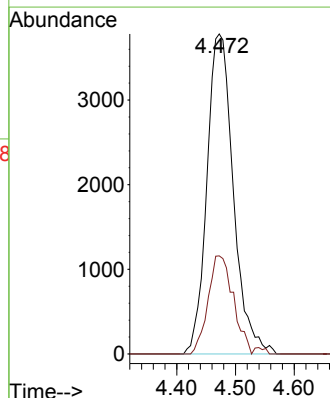
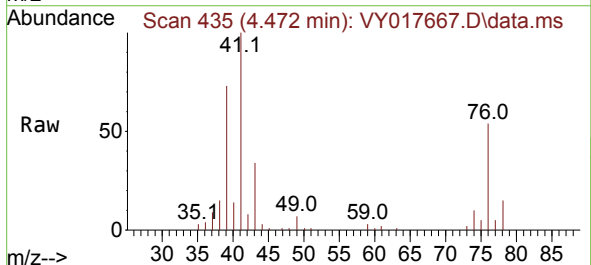
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

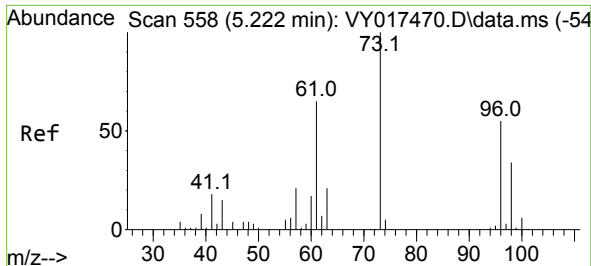
Tgt Ion: 76 Resp: 85831
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 18.104 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 43 Resp: 11803
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9

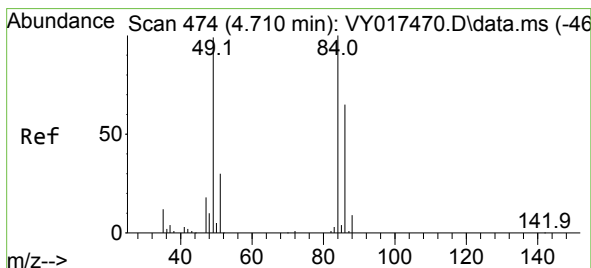
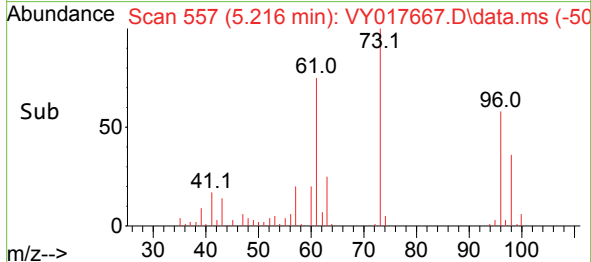
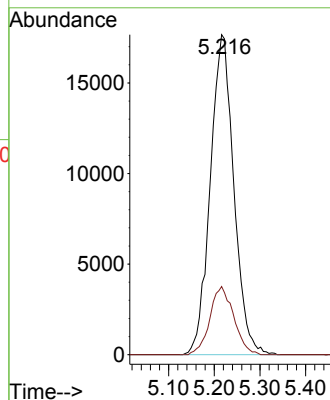
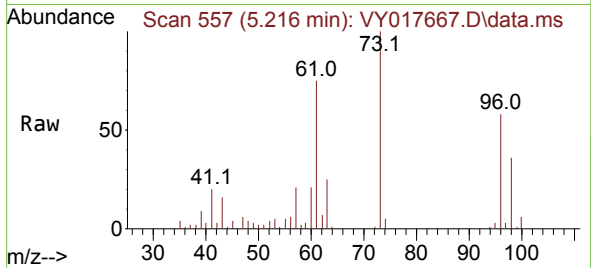




#19
Methyl tert-butyl Ether
Concen: 19.650 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

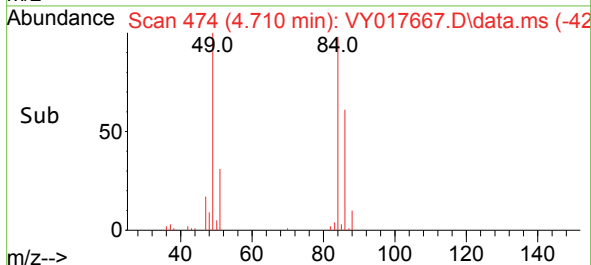
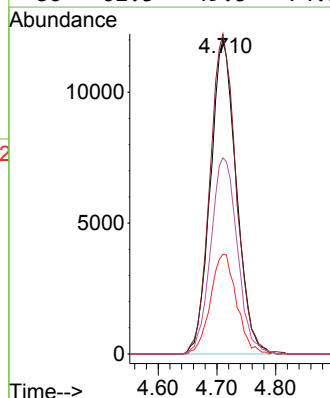
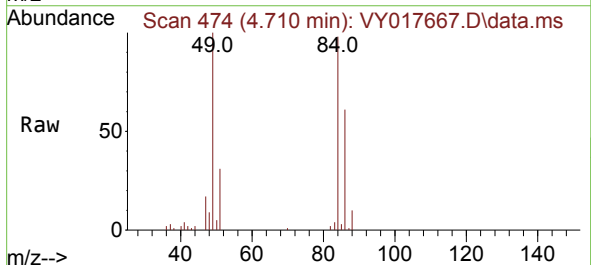
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

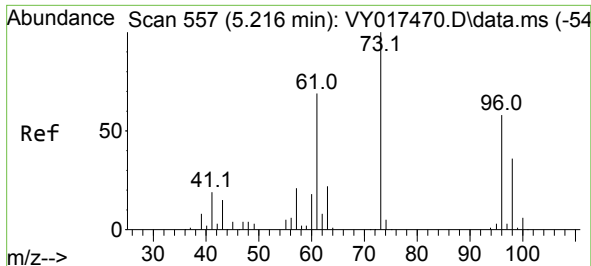
Tgt Ion: 73 Resp: 63252
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.969 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

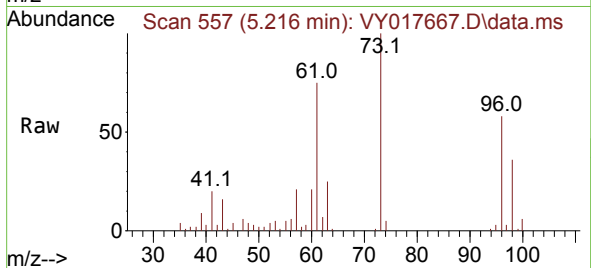
Tgt Ion: 84 Resp: 36723
Ion Ratio Lower Upper
84 100
49 101.9 84.4 126.6
51 31.8 26.0 39.0
86 62.5 49.5 74.3



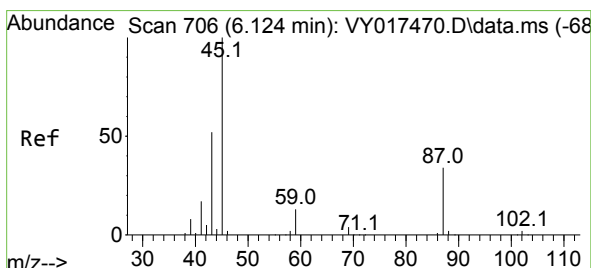
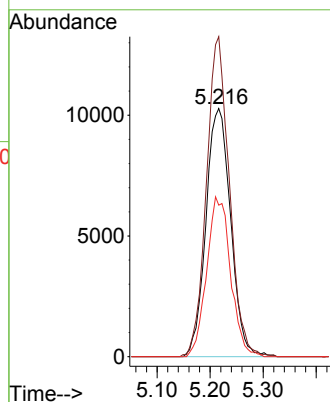
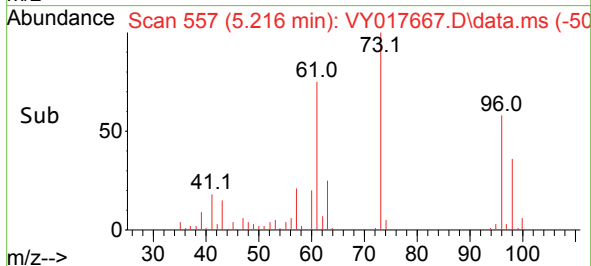


#21
trans-1,2-Dichloroethene
Concen: 20.614 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

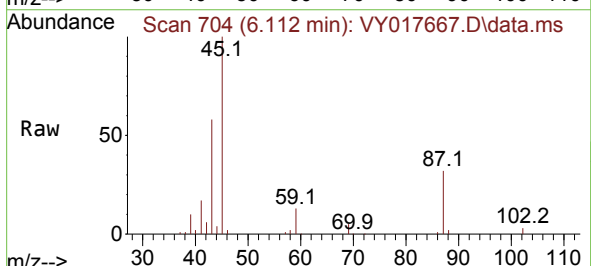
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01



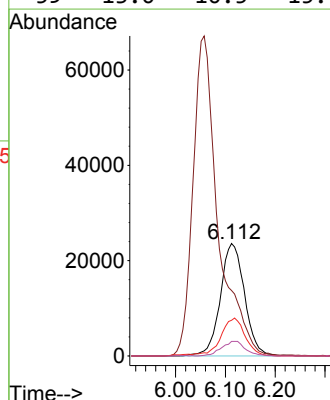
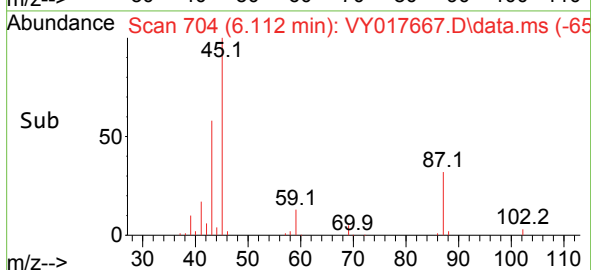
Tgt Ion: 96 Resp: 33333
Ion Ratio Lower Upper
96 100
61 128.9 97.5 146.3
98 61.0 50.5 75.7

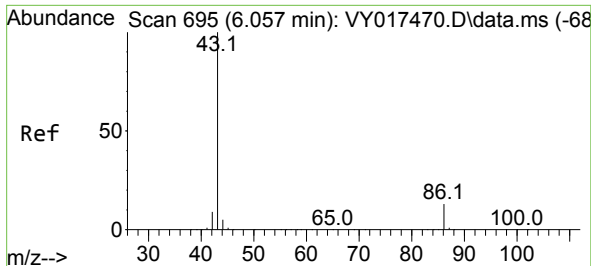


#22
Diisopropyl ether
Concen: 20.689 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57



Tgt Ion: 45 Resp: 79667
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 31.8 25.0 37.6
59 13.0 10.5 15.7

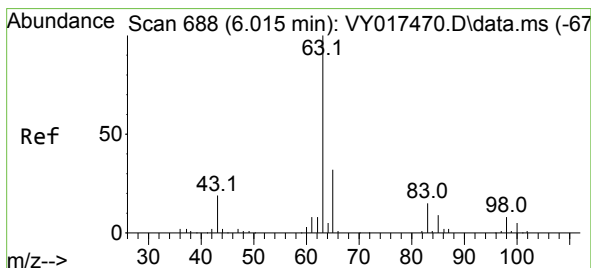
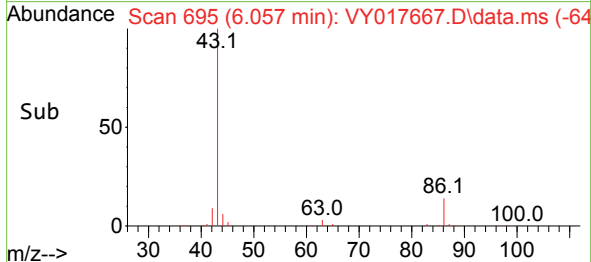
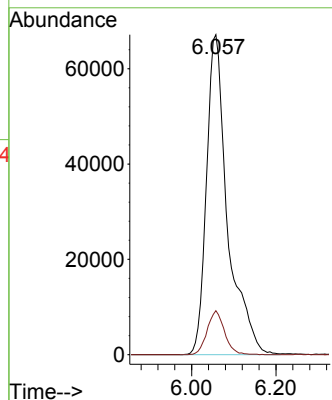
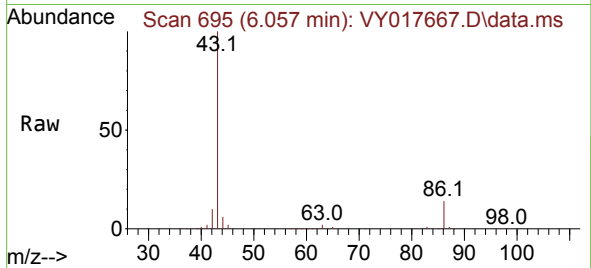




#23
 Vinyl Acetate
 Concen: 101.950 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

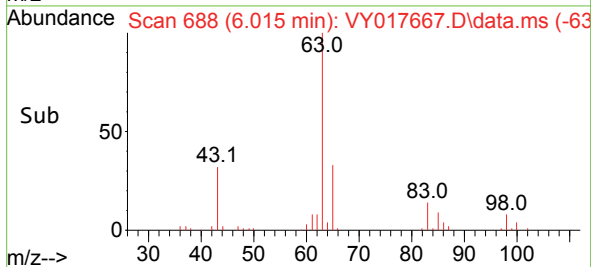
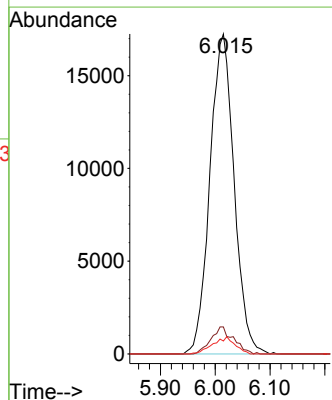
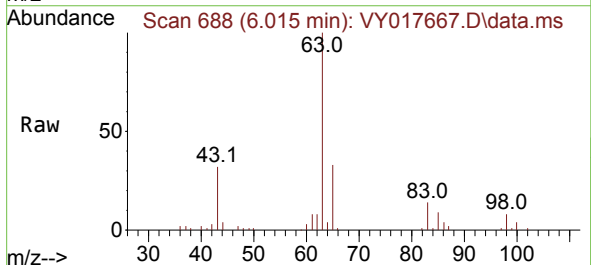
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

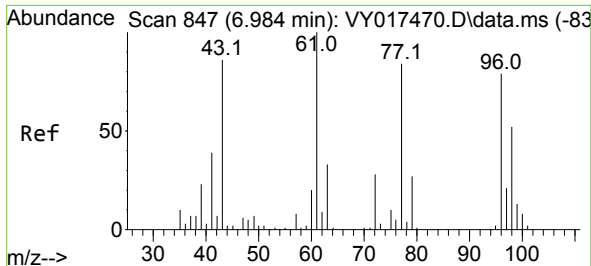
Tgt Ion: 43 Resp: 233929
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.089 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

Tgt Ion: 63 Resp: 52848
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 103.742 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

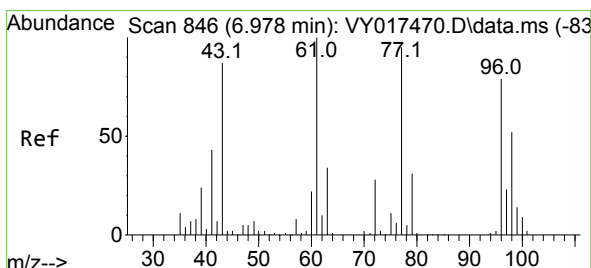
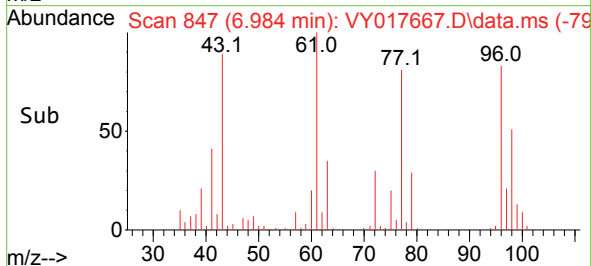
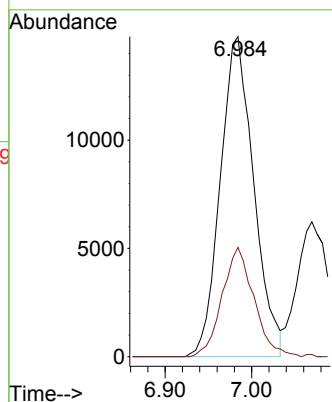
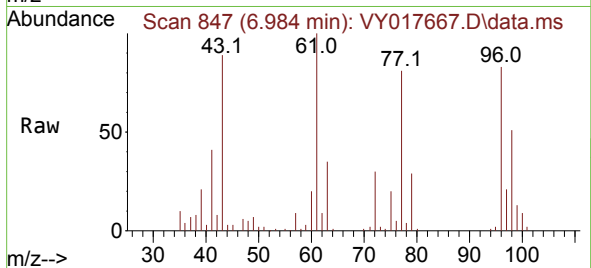
VY0315SBS01

Tgt Ion: 43 Resp: 39731

Ion Ratio Lower Upper

43 100

72 34.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.253 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017667.D

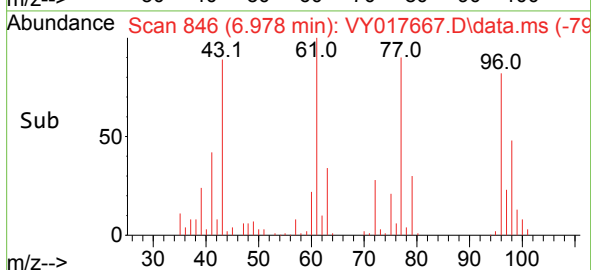
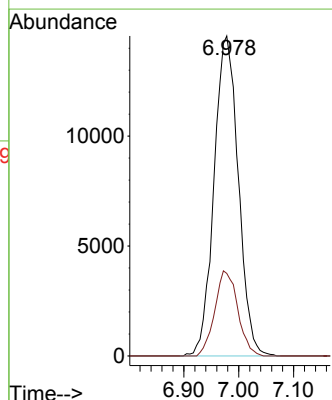
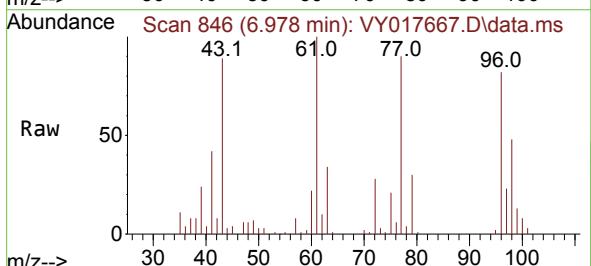
Acq: 15 Mar 2024 12:57

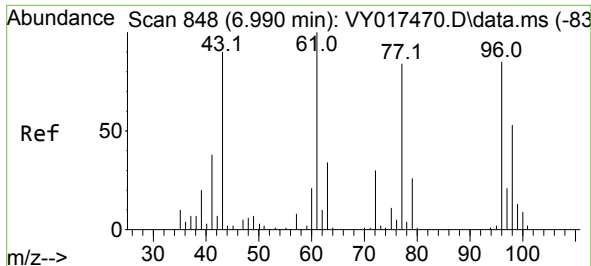
Tgt Ion: 77 Resp: 44796

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.314 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

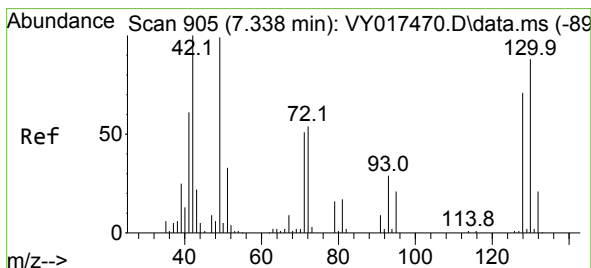
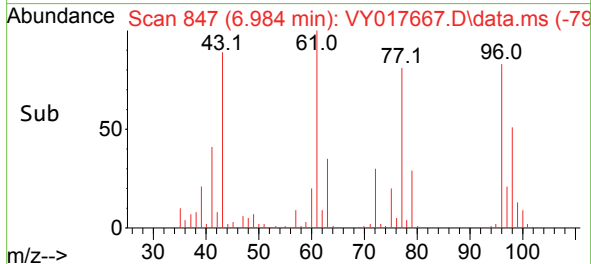
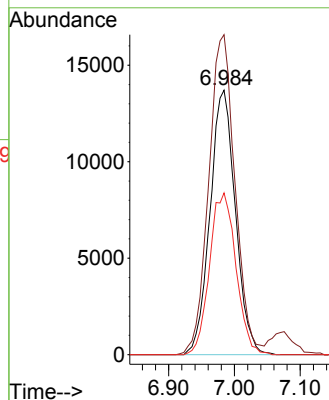
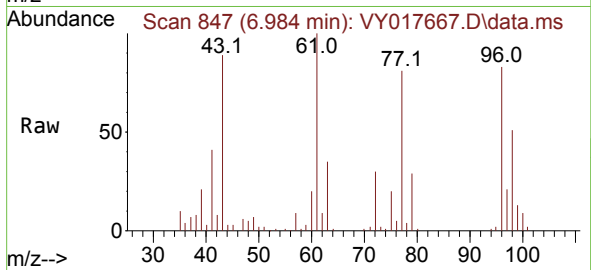
Tgt Ion: 96 Resp: 36880

Ion Ratio Lower Upper

96 100

61 125.3 0.0 256.2

98 63.6 0.0 130.0



#28

Bromochloromethane

Concen: 20.525 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

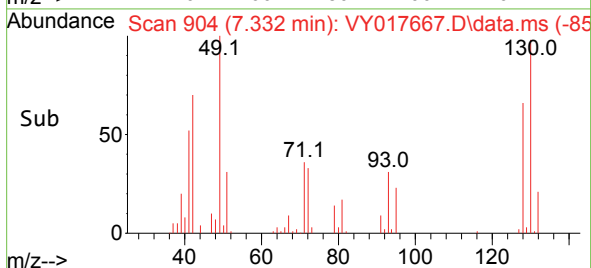
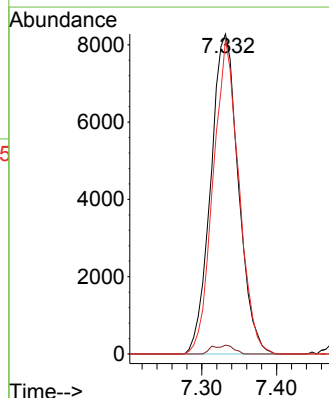
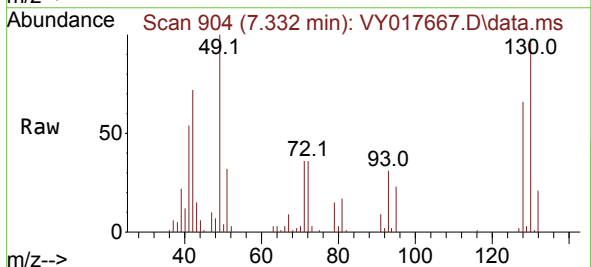
Tgt Ion: 49 Resp: 21265

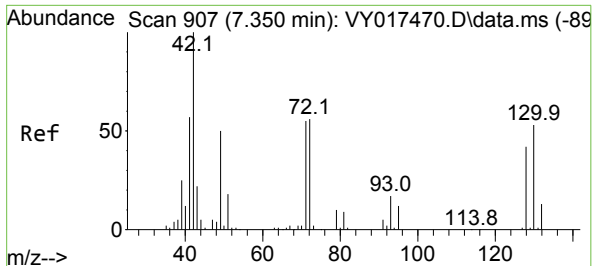
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 91.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 97.647 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

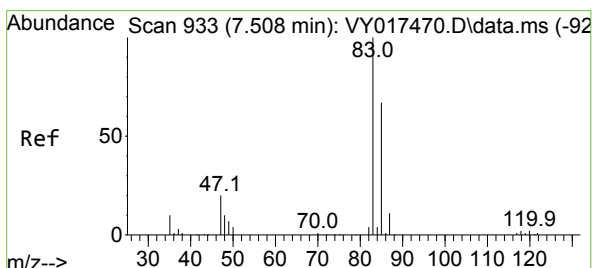
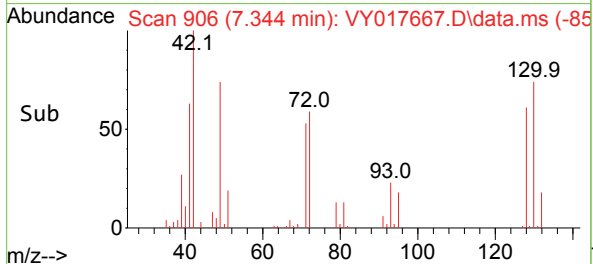
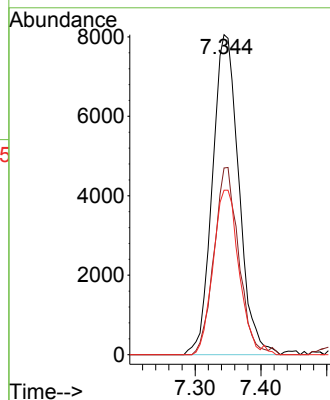
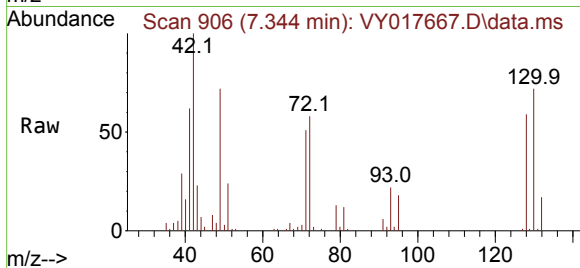
Tgt Ion: 42 Resp: 22543

Ion Ratio Lower Upper

42 100

72 55.0 43.0 64.4

71 50.6 40.8 61.2



#30

Chloroform

Concen: 20.754 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017667.D

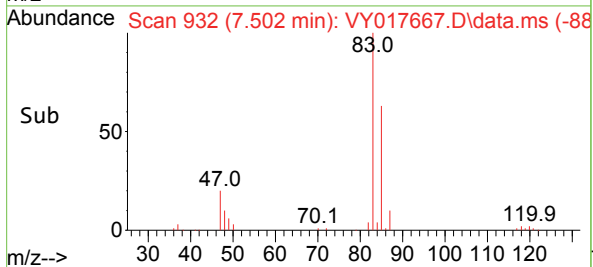
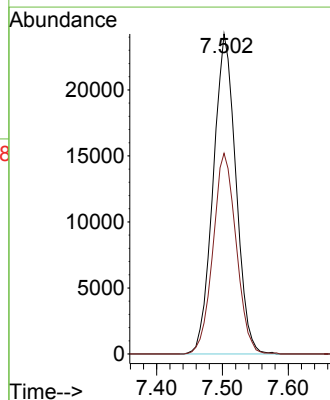
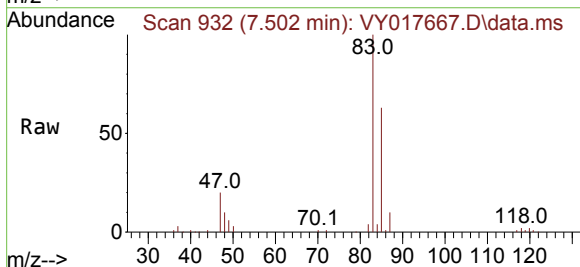
Acq: 15 Mar 2024 12:57

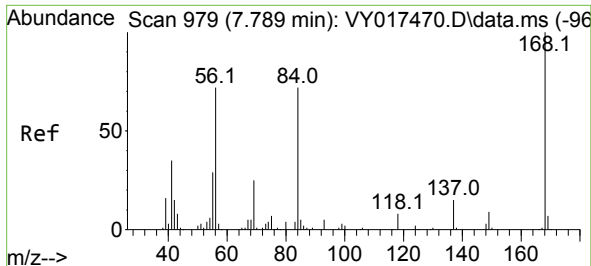
Tgt Ion: 83 Resp: 58129

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

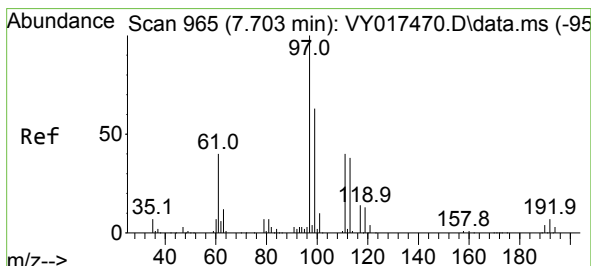
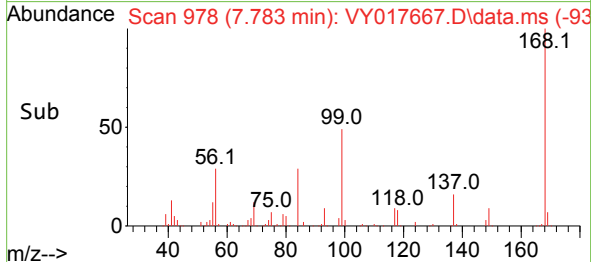
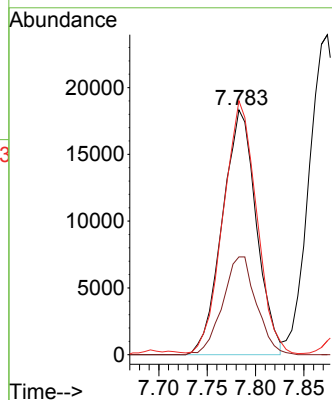
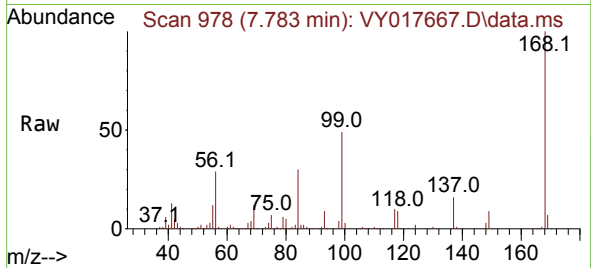




#31
Cyclohexane
Concen: 19.835 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

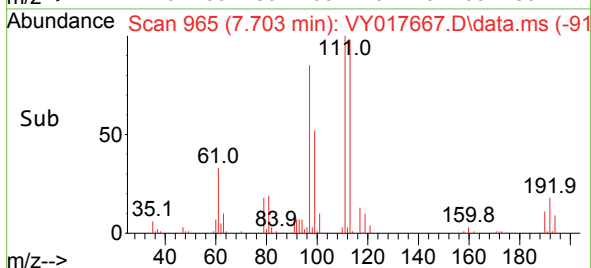
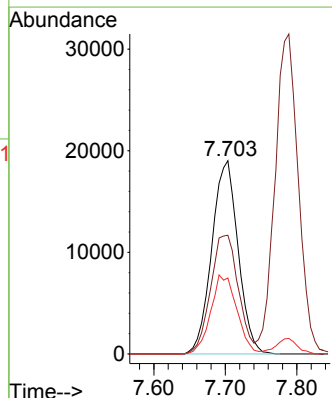
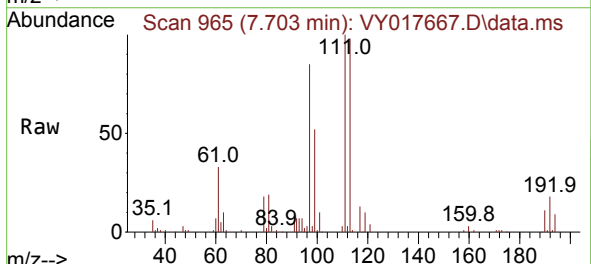
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

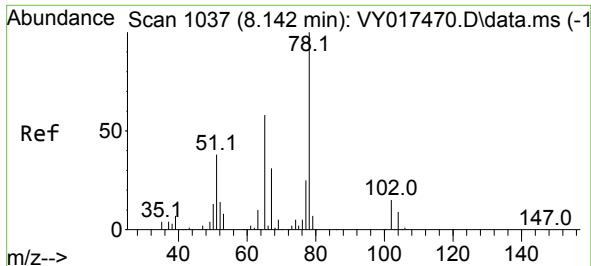
Tgt Ion: 56 Resp: 44723
Ion Ratio Lower Upper
56 100
69 39.9 28.7 43.1
84 102.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.968 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 97 Resp: 48555
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 40.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 41.419 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

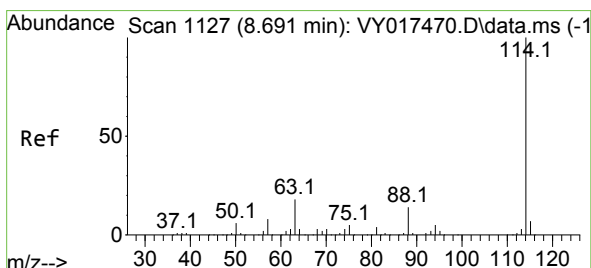
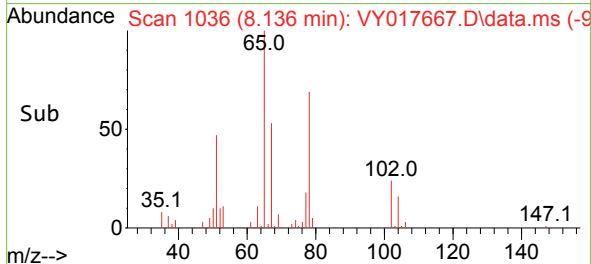
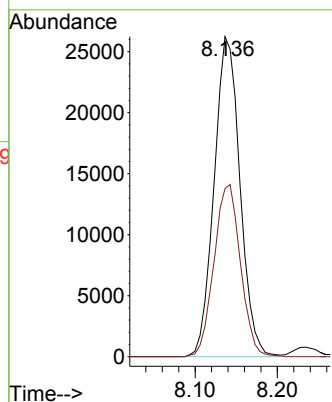
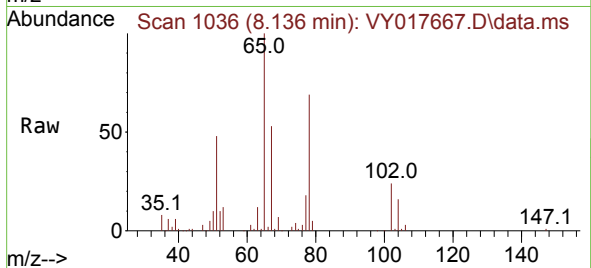
VY0315SBS01

Tgt Ion: 65 Resp: 57386

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

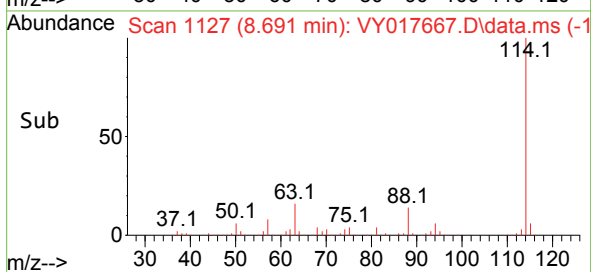
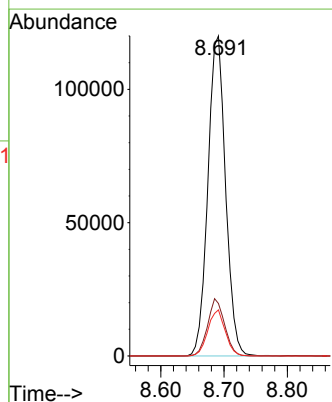
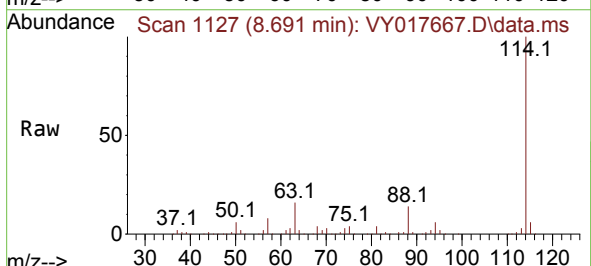
Tgt Ion: 114 Resp: 233257

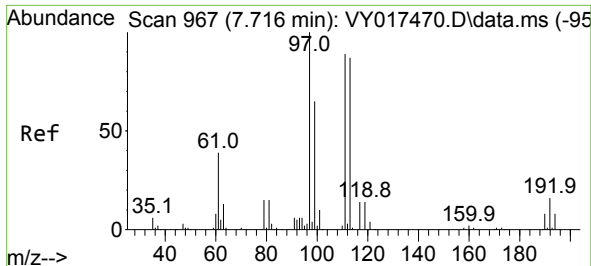
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 14.4 0.0 27.2

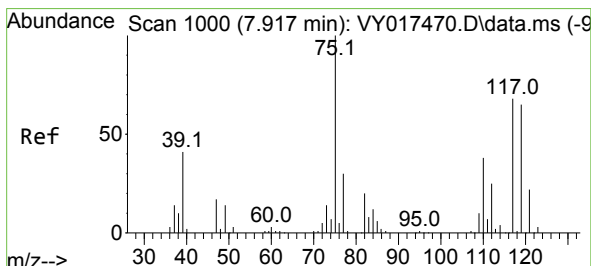
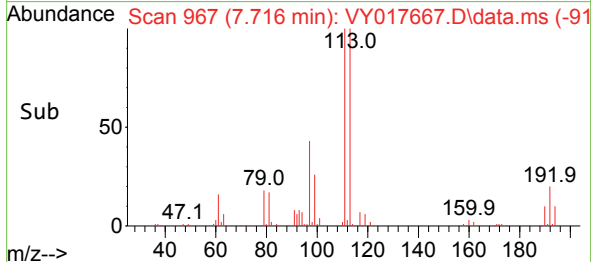
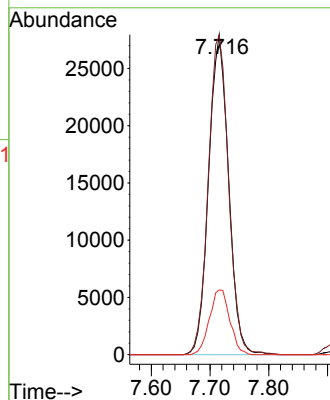
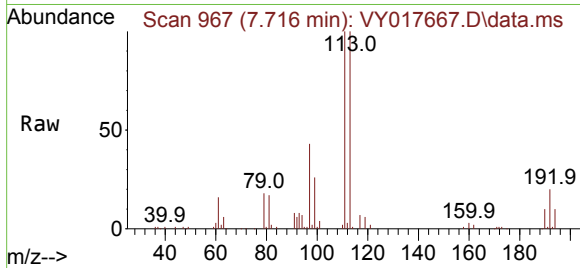




#35
Dibromofluoromethane
Concen: 40.450 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

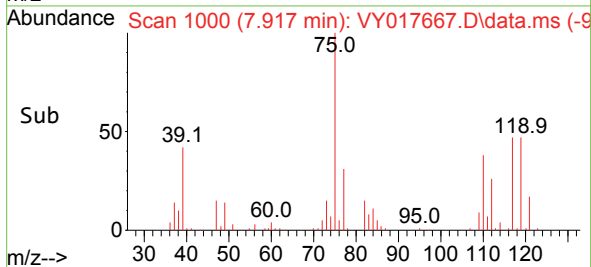
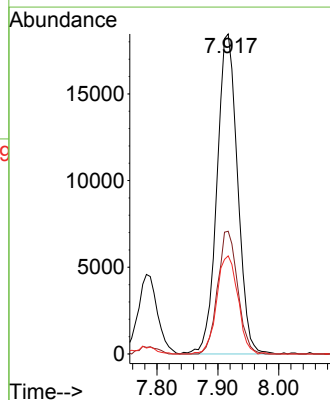
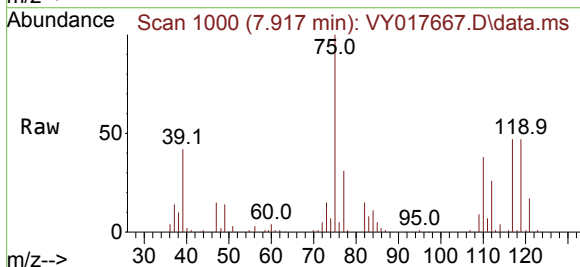
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

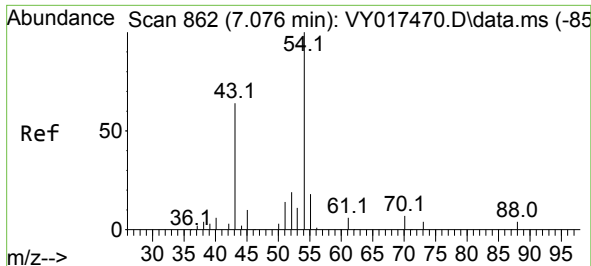
Tgt Ion:113 Resp: 65747
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.804 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 75 Resp: 43431
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.5 25.3 37.9

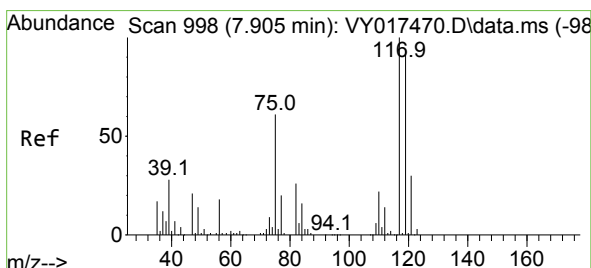
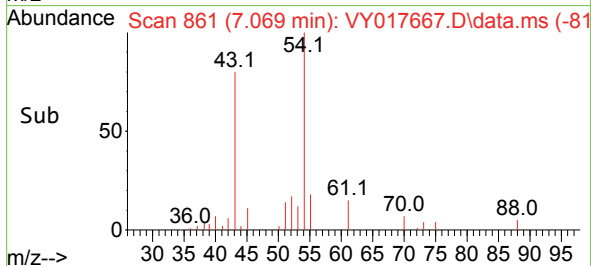
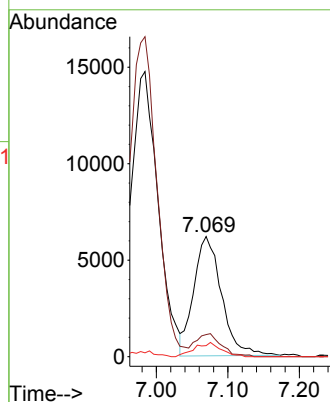
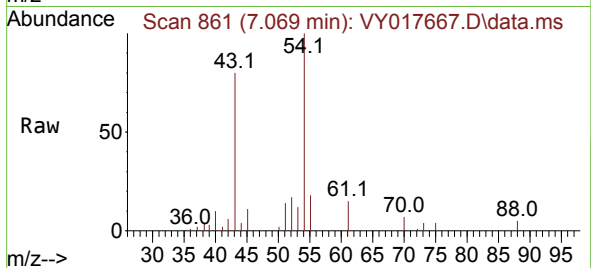




#37
Ethyl Acetate
Concen: 19.233 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

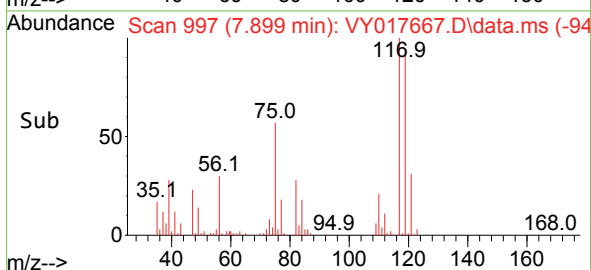
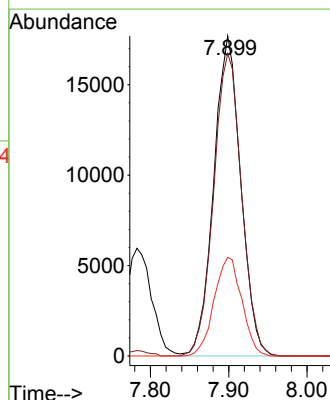
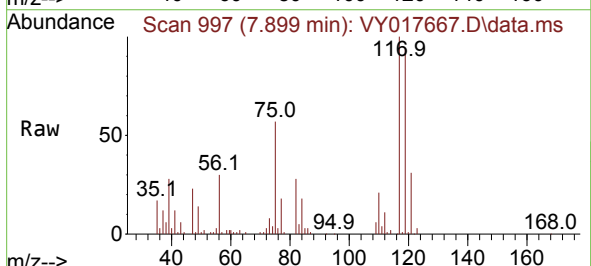
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

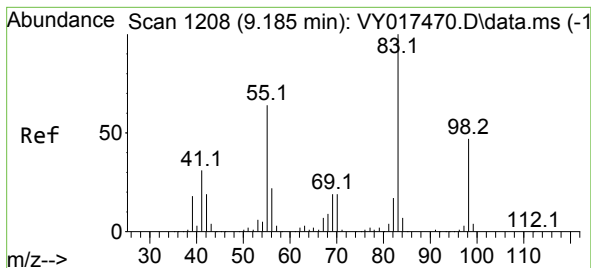
Tgt Ion:	43	Resp:	16659
Ion	Ratio	Lower	Upper
43	100		
61	17.7	12.6	19.0
70	11.3	7.8	11.8



#38
Carbon Tetrachloride
Concen: 19.339 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:	117	Resp:	42505
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.6
121	30.8	24.0	36.0





#39

Methylcyclohexane

Concen: 19.433 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

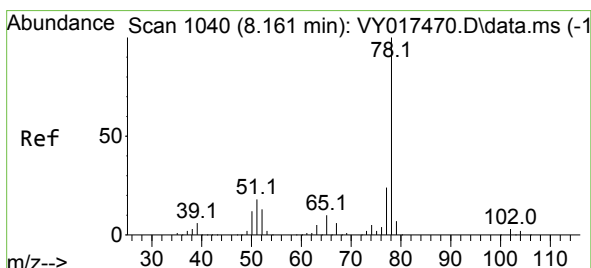
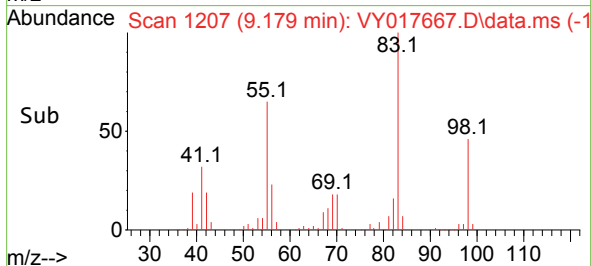
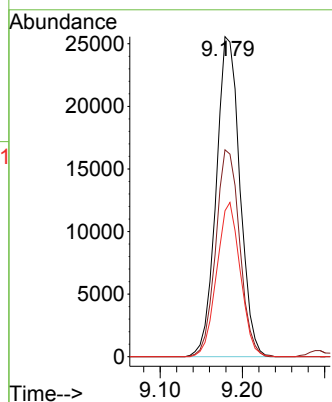
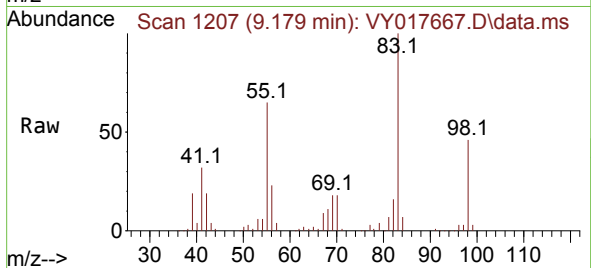
Tgt Ion: 83 Resp: 51216

Ion Ratio Lower Upper

83 100

55 64.7 51.5 77.3

98 45.6 40.5 60.7



#40

Benzene

Concen: 20.129 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017667.D

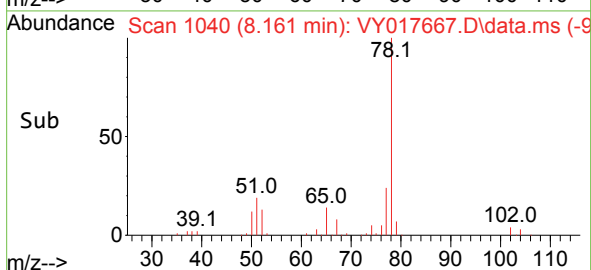
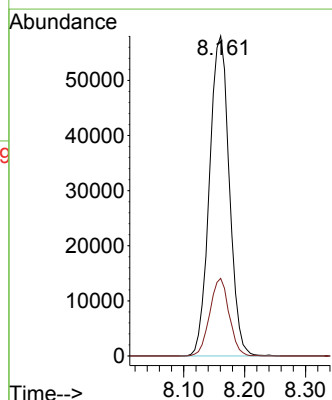
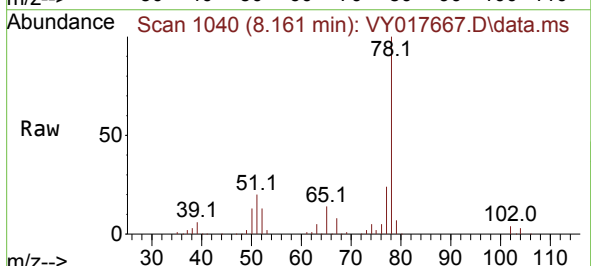
Acq: 15 Mar 2024 12:57

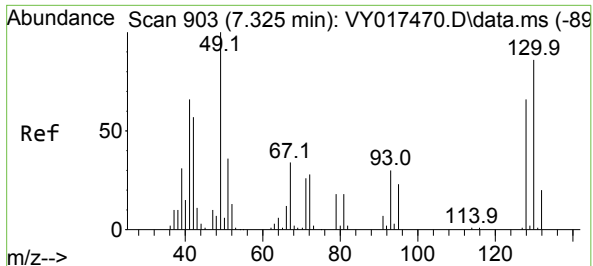
Tgt Ion: 78 Resp: 131093

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

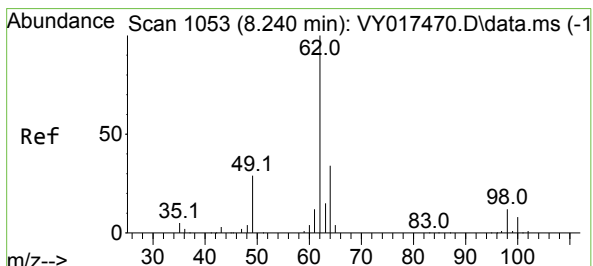
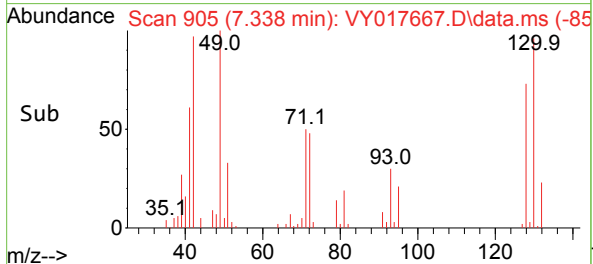
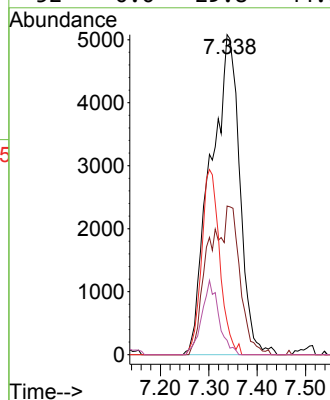
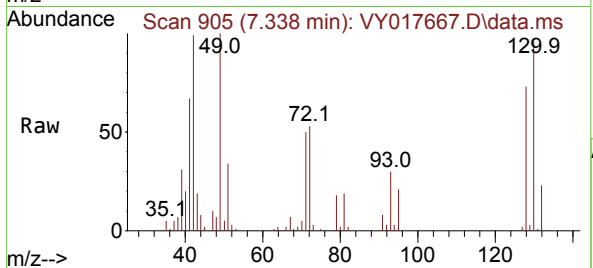




#41
Methacrylonitrile
Concen: 48.795 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

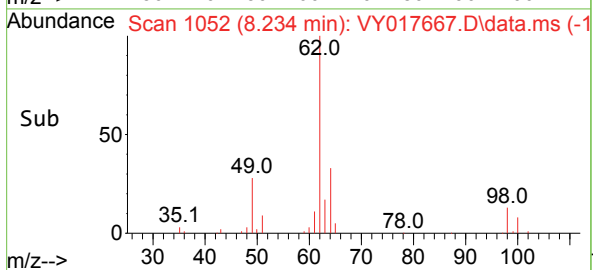
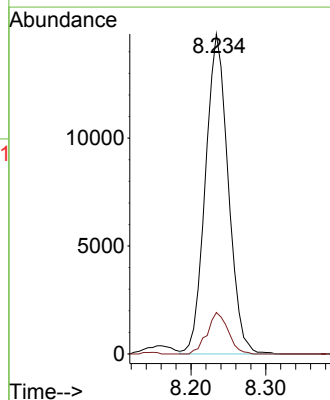
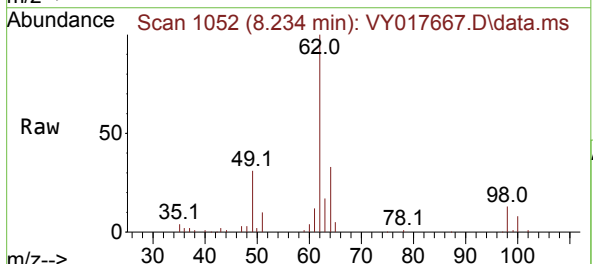
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

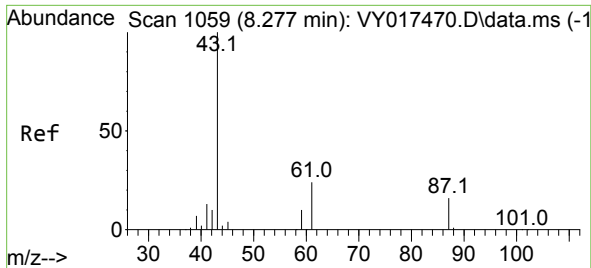
Tgt Ion: 41 Resp: 21209
Ion Ratio Lower Upper
41 100
39 22.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.762 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 62 Resp: 31402
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0

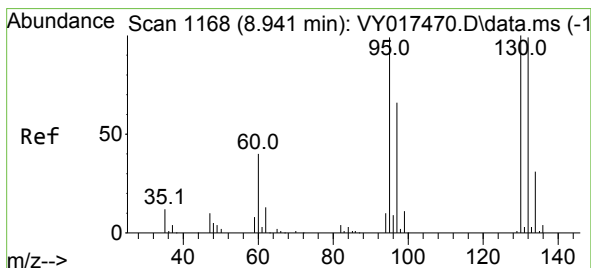
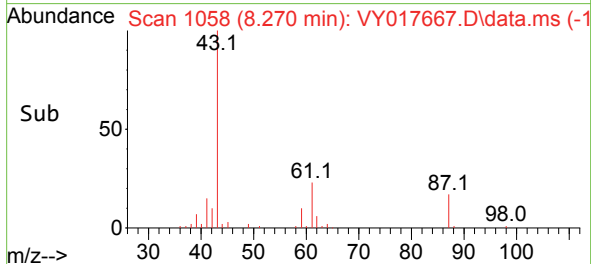
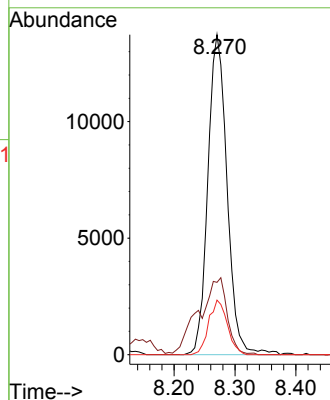
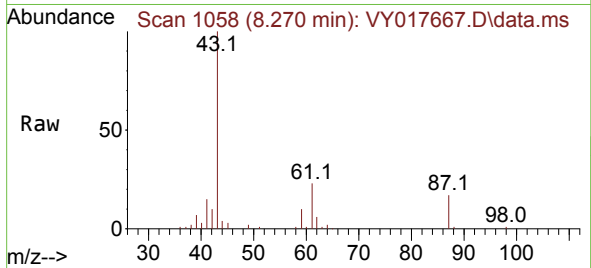




#43
Isopropyl Acetate
Concen: 19.741 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

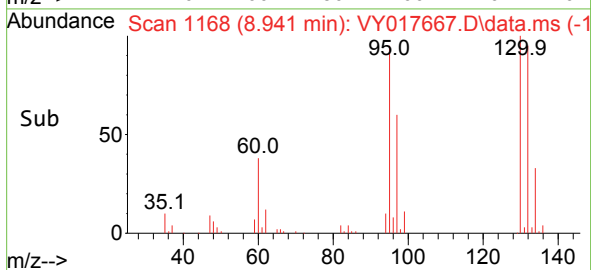
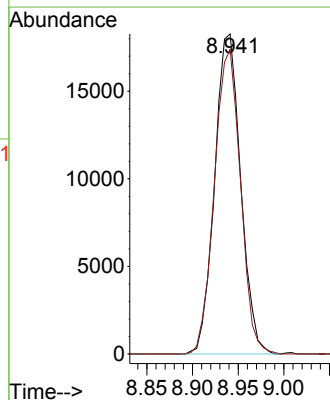
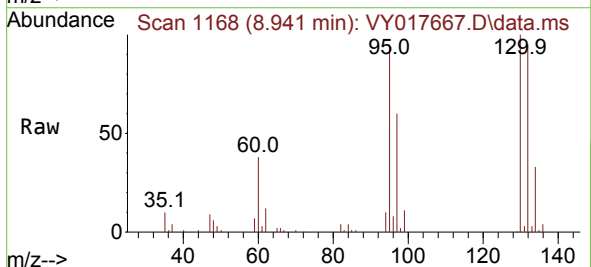
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

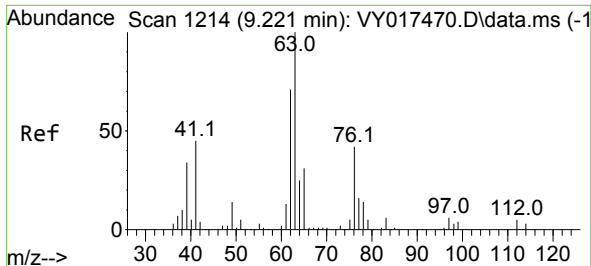
Tgt Ion:	43	Resp:	30048
Ion	Ratio	Lower	Upper
43	100		
61	35.5	27.9	41.9
87	16.5	13.1	19.7



#44
Trichloroethene
Concen: 19.255 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:	130	Resp:	36145
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.169 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

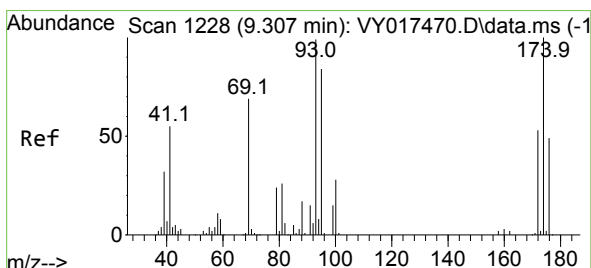
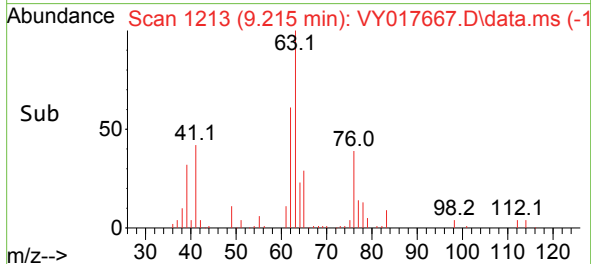
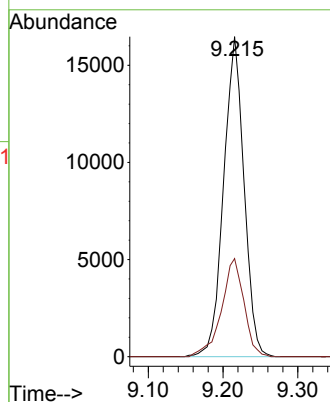
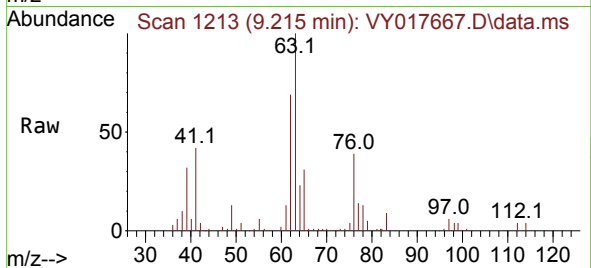
VY0315SBS01

Tgt Ion: 63 Resp: 31251

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 19.965 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

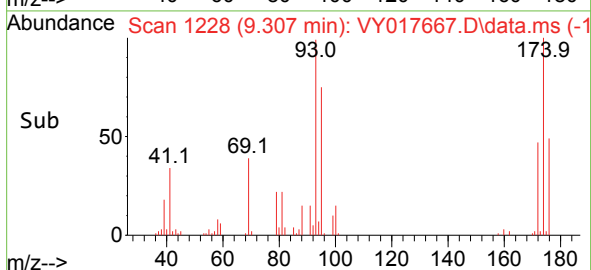
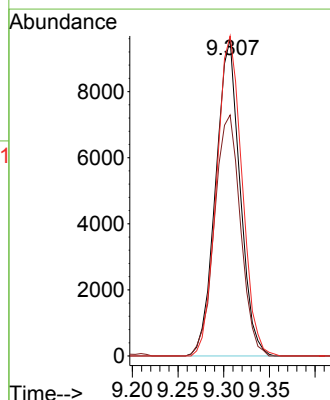
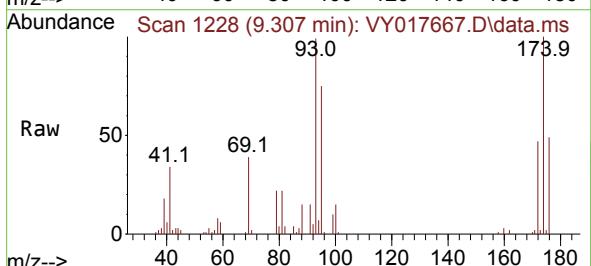
Tgt Ion: 93 Resp: 17704

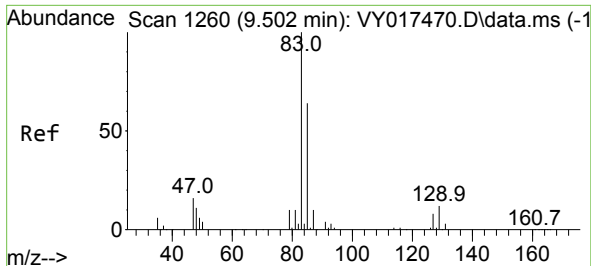
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 105.6 80.9 121.3

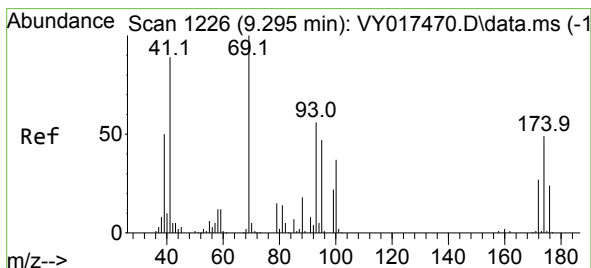
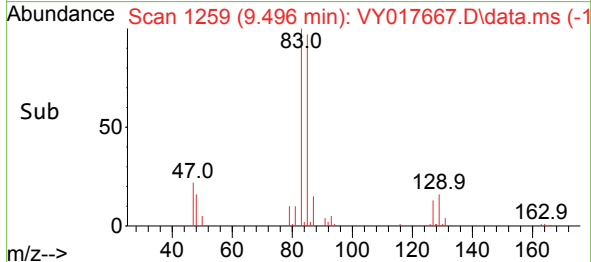
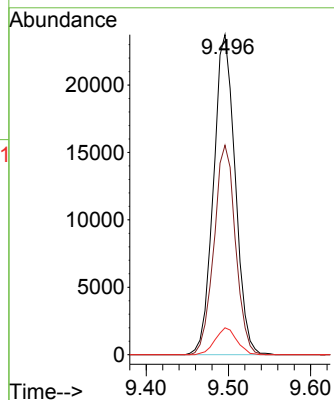
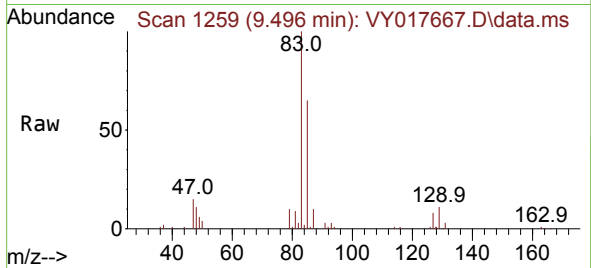




#47
Bromodichloromethane
Concen: 20.153 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

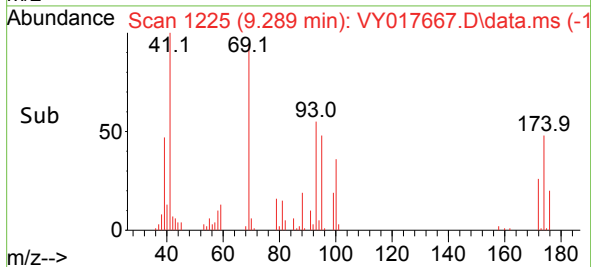
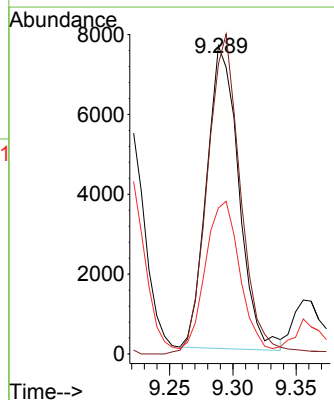
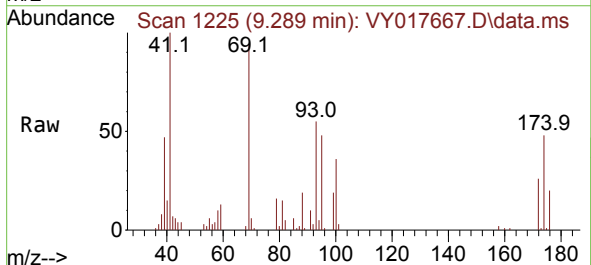
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

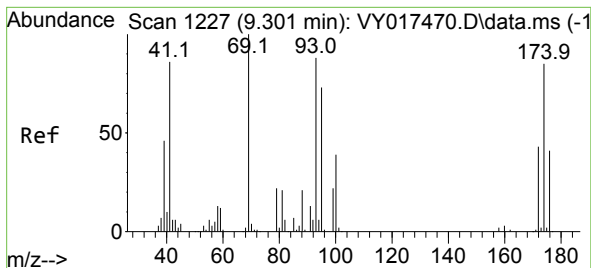
Tgt Ion: 83 Resp: 43393
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.039 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 41 Resp: 13414
Ion Ratio Lower Upper
41 100
69 109.3 84.1 126.1
39 51.1 43.6 65.4





#49

1,4-Dioxane

Concen: 396.685 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

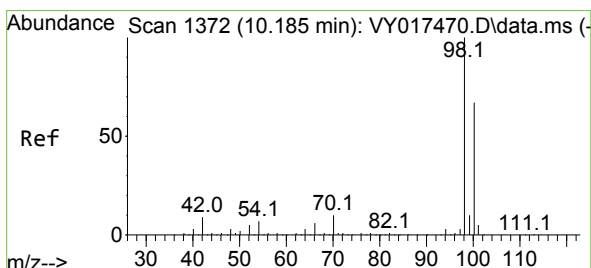
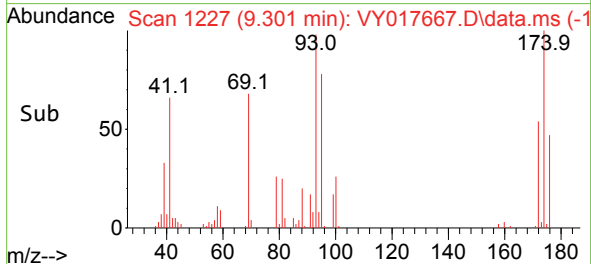
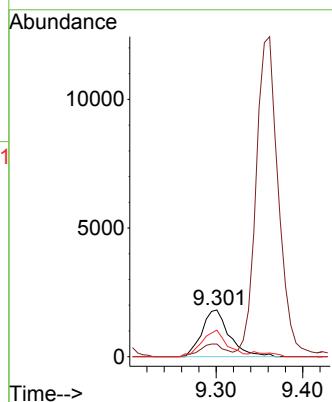
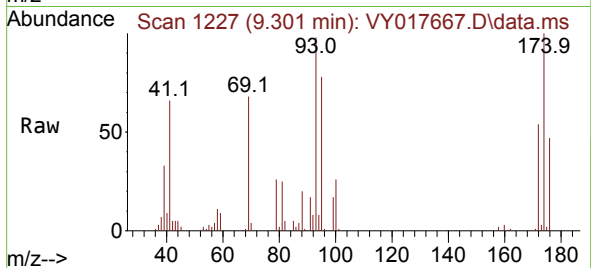
Tgt Ion: 88 Resp: 3981

Ion Ratio Lower Upper

88 100

43 25.3 0.0 0.0#

58 52.6 49.3 73.9



#50

Toluene-d8

Concen: 43.492 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017667.D

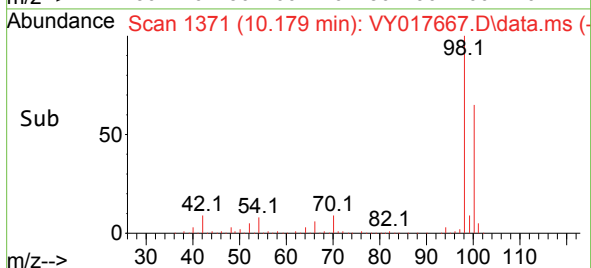
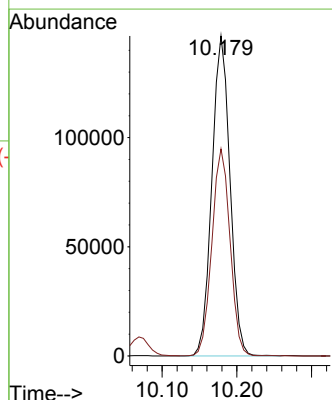
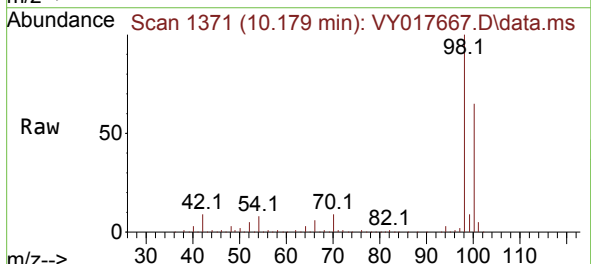
Acq: 15 Mar 2024 12:57

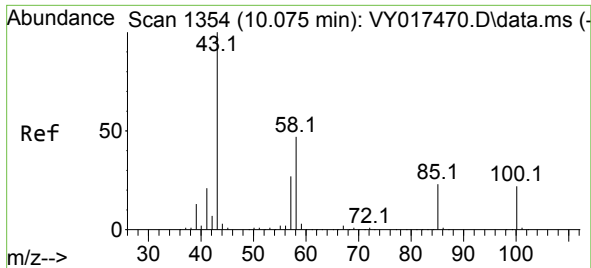
Tgt Ion: 98 Resp: 247164

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

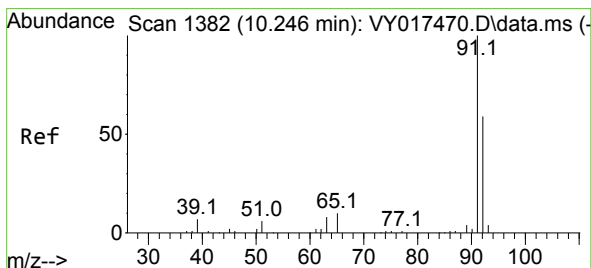
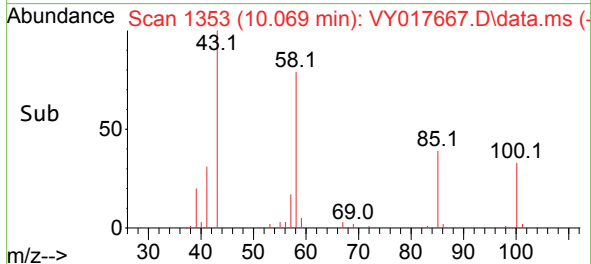
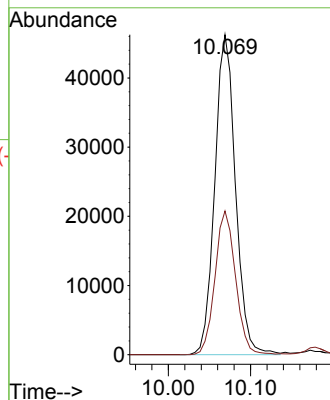
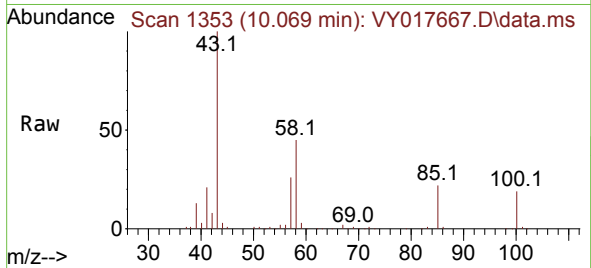




#51
4-Methyl-2-Pentanone
Concen: 95.518 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

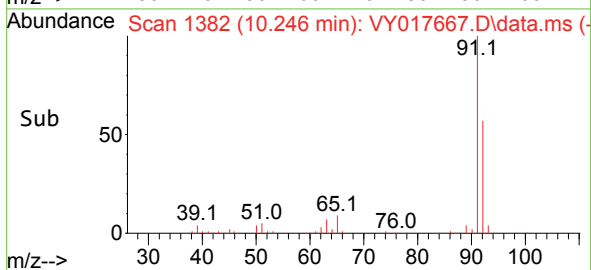
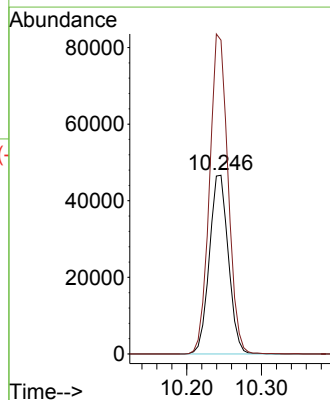
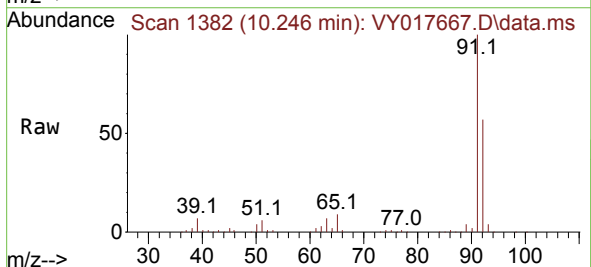
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

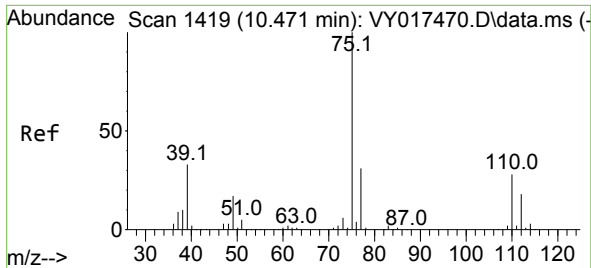
Tgt Ion: 43 Resp: 81028
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 20.042 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 92 Resp: 82286
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.6

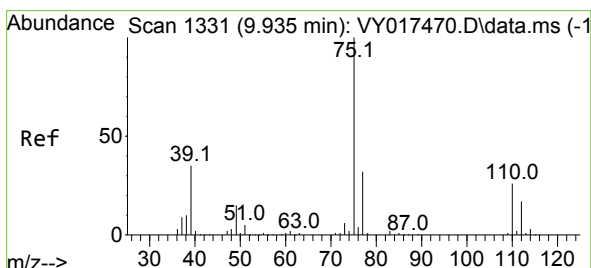
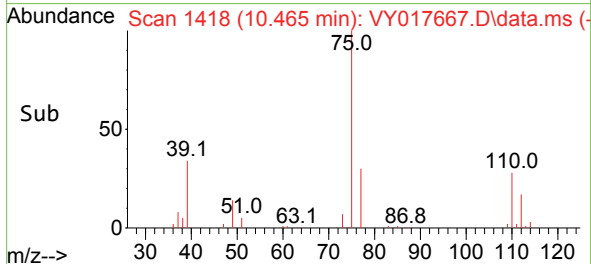
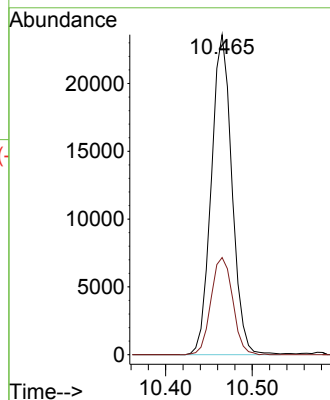
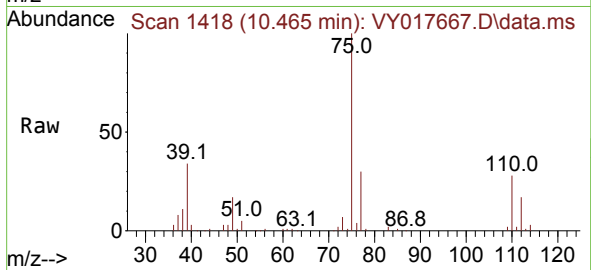




#53
 t-1,3-Dichloropropene
 Concen: 19.562 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

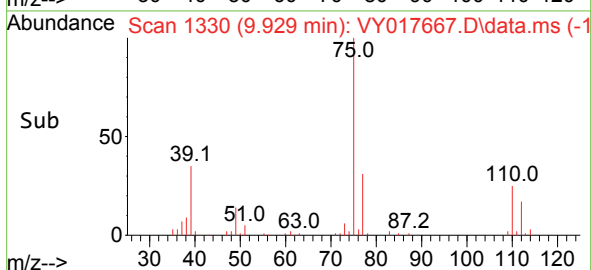
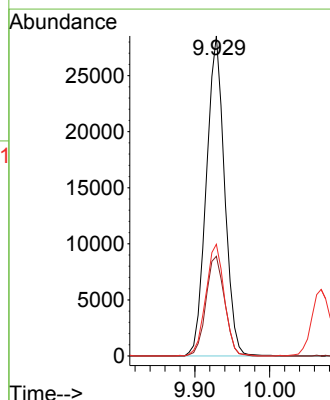
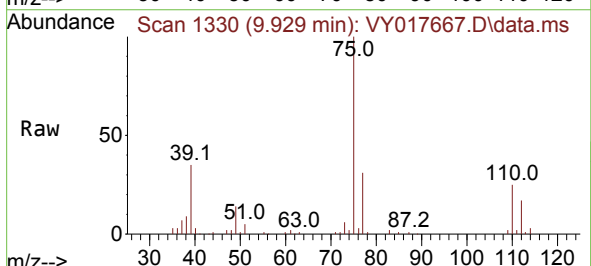
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

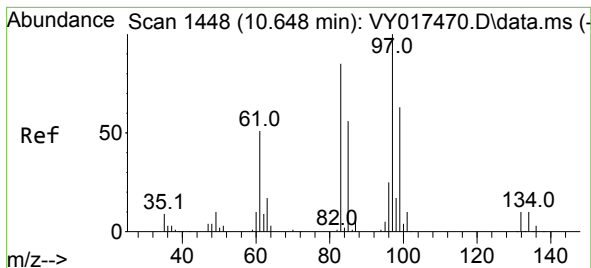
Tgt Ion: 75 Resp: 39095
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.860 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017667.D
 Acq: 15 Mar 2024 12:57

Tgt Ion: 75 Resp: 48227
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 34.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.908 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

Tgt Ion: 97 Resp: 25065

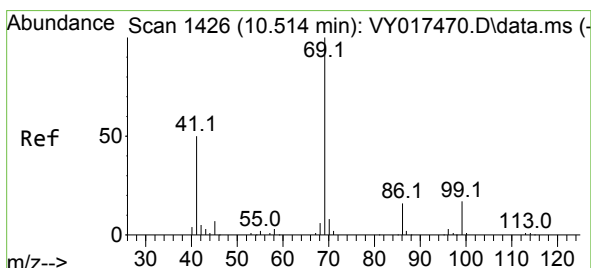
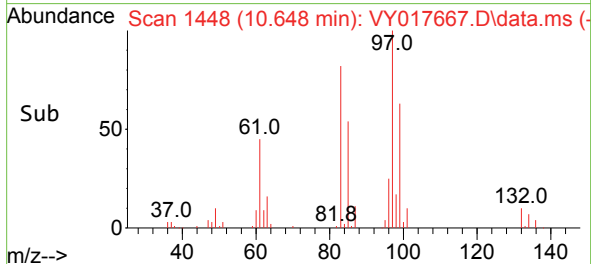
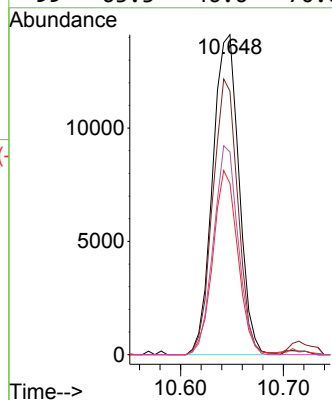
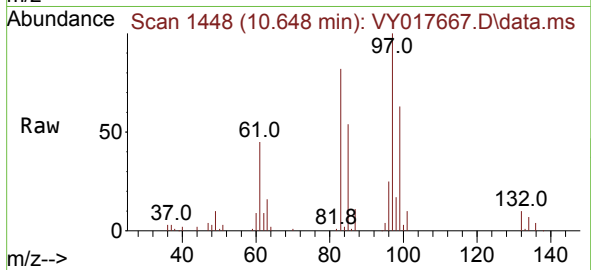
Ion Ratio Lower Upper

97 100

83 82.3 67.5 101.3

85 53.5 42.9 64.3

99 63.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.647 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

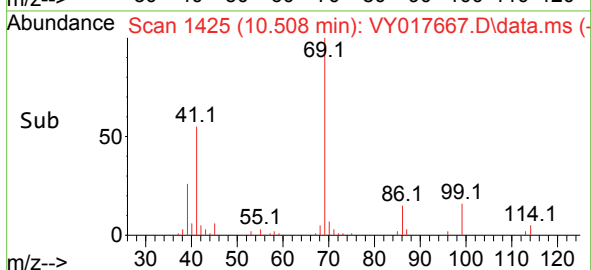
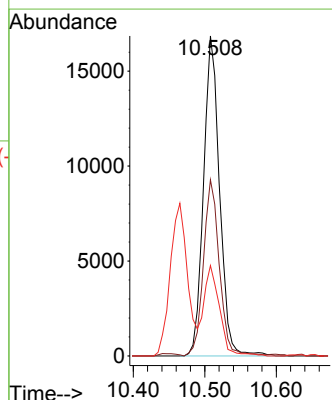
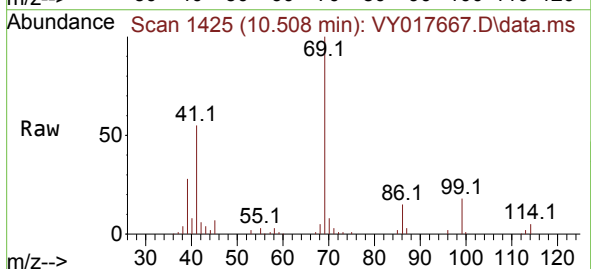
Tgt Ion: 69 Resp: 26287

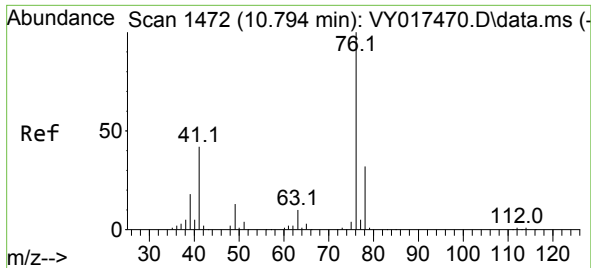
Ion Ratio Lower Upper

69 100

41 54.7 42.3 63.5

39 27.5 22.9 34.3

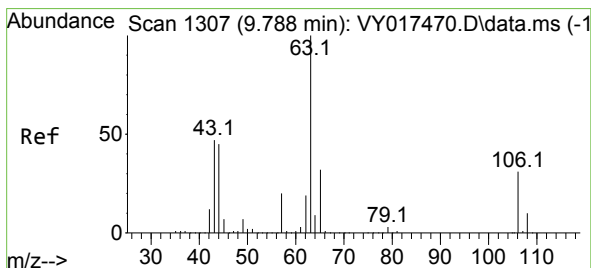
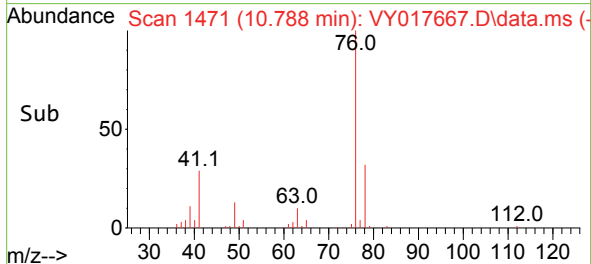
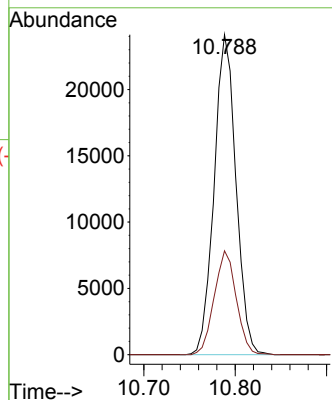
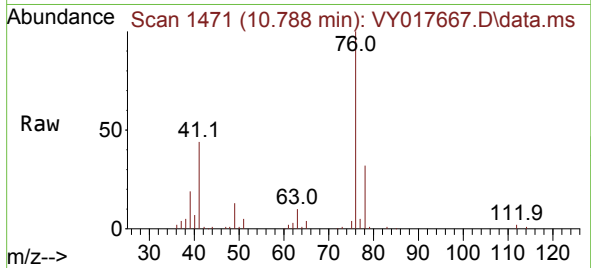




#57
1,3-Dichloropropane
Concen: 19.526 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

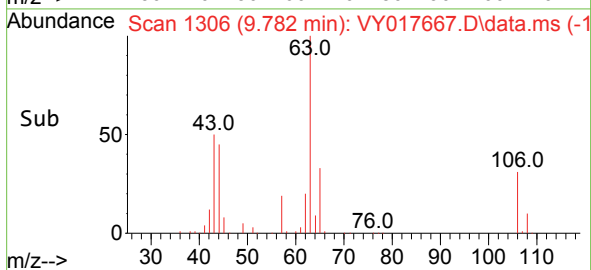
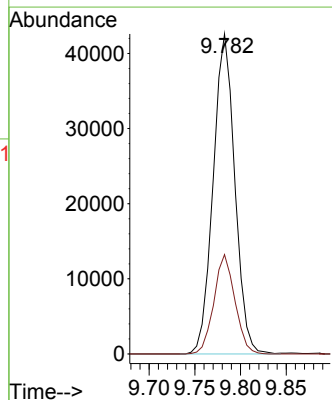
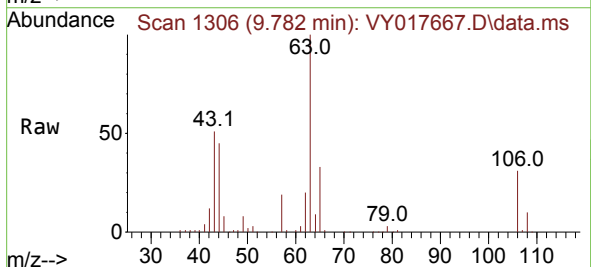
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

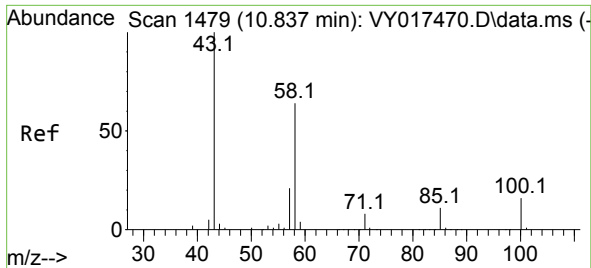
Tgt Ion: 76 Resp: 39971
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 96.562 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 63 Resp: 70155
Ion Ratio Lower Upper
63 100
106 30.1 23.7 35.5

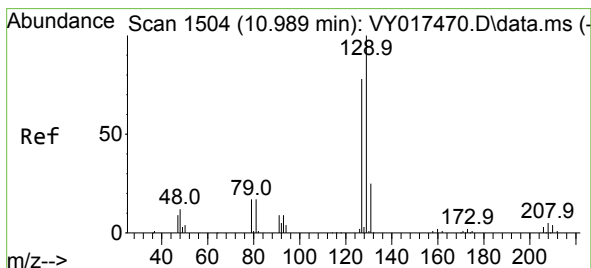
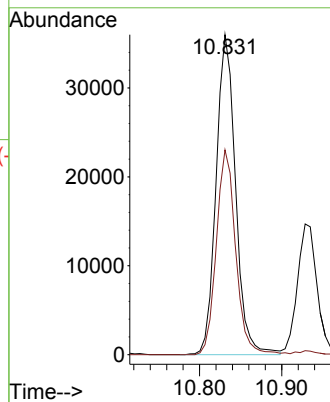
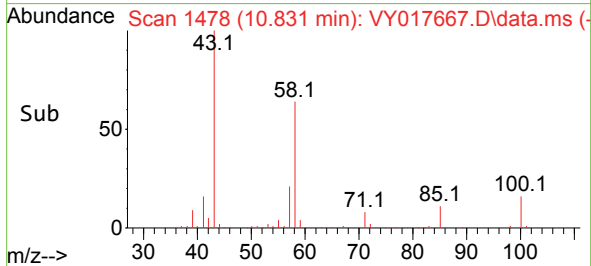
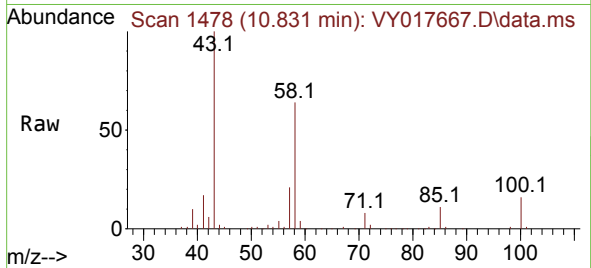




#59
2-Hexanone
Concen: 101.703 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

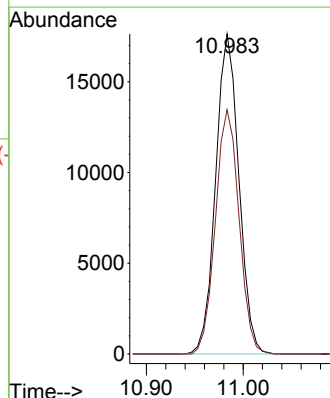
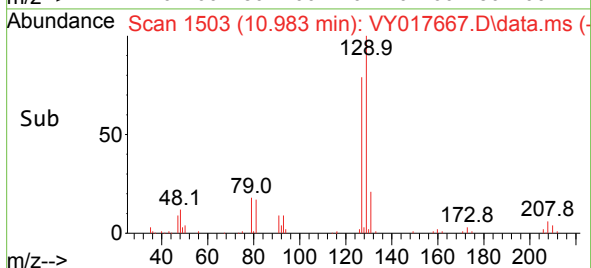
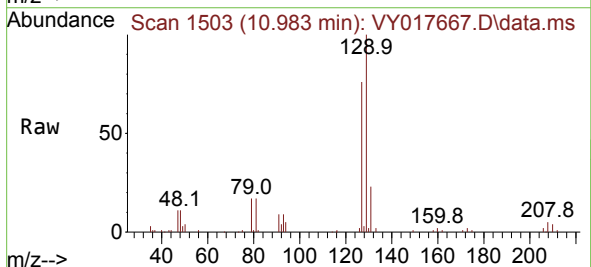
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

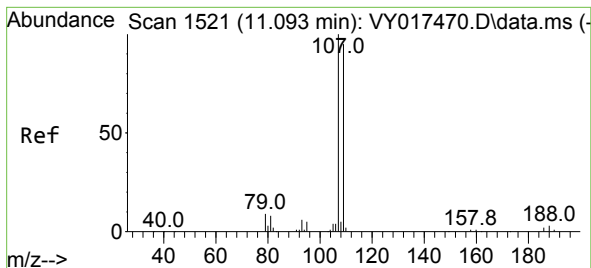
Tgt Ion: 43 Resp: 59260
Ion Ratio Lower Upper
43 100
58 63.6 31.4 94.0



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 129 Resp: 29328
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.802 ug/l

RT: 11.087 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

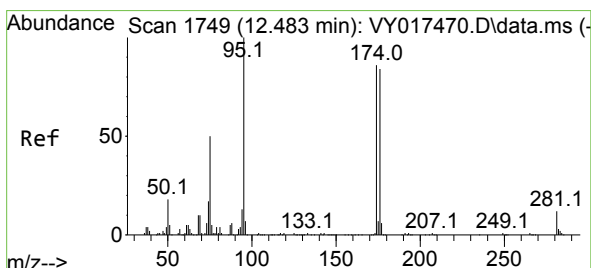
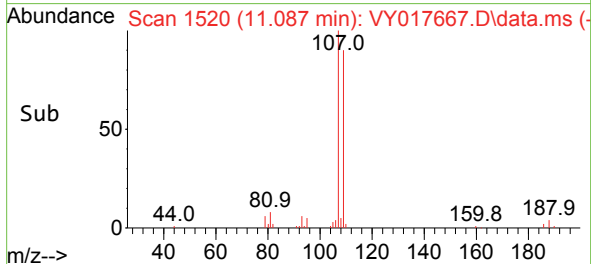
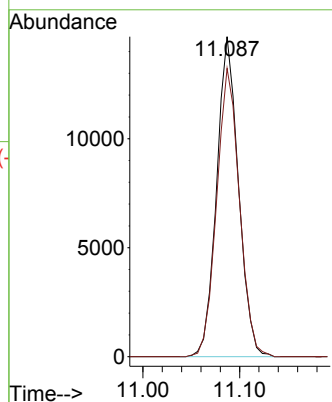
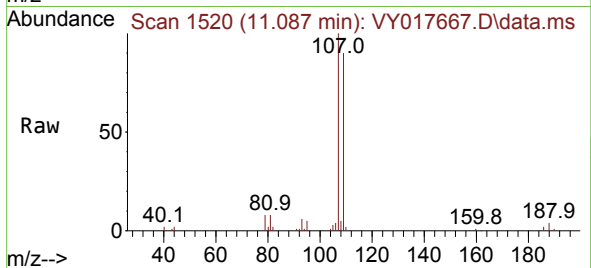
VY0315SBS01

Tgt Ion:107 Resp: 22976

Ion Ratio Lower Upper

107 100

109 94.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 42.708 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

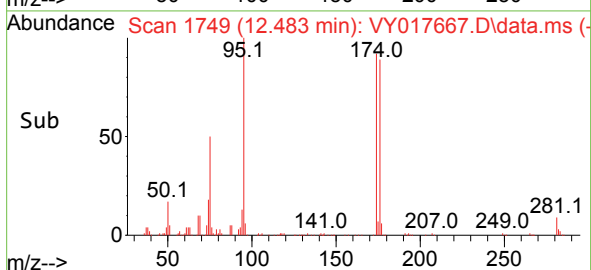
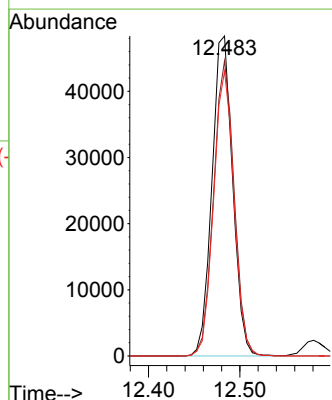
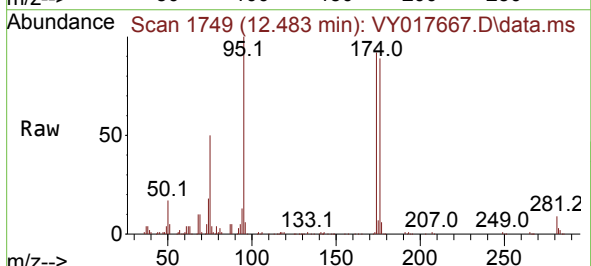
Tgt Ion: 95 Resp: 76278

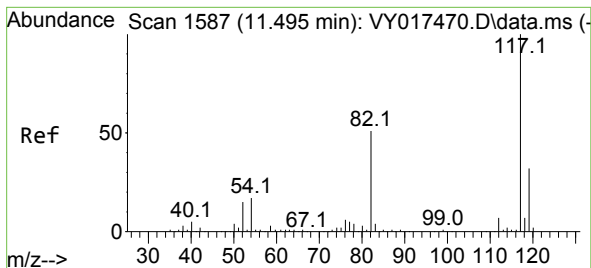
Ion Ratio Lower Upper

95 100

174 91.6 0.0 175.6

176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

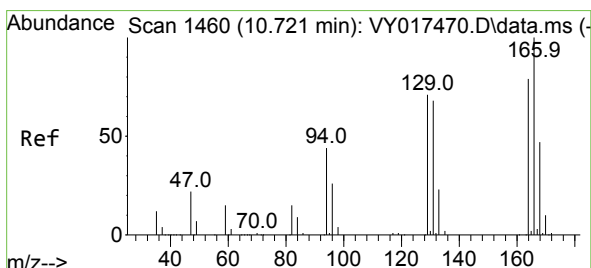
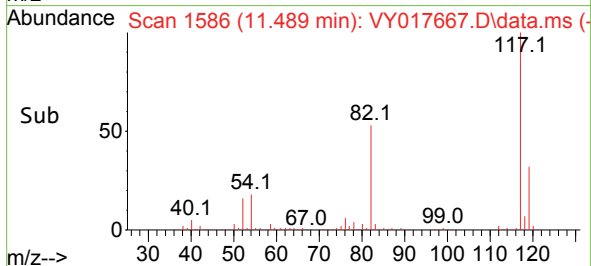
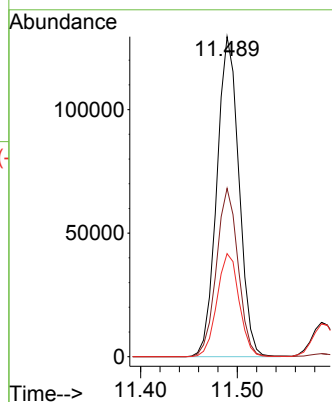
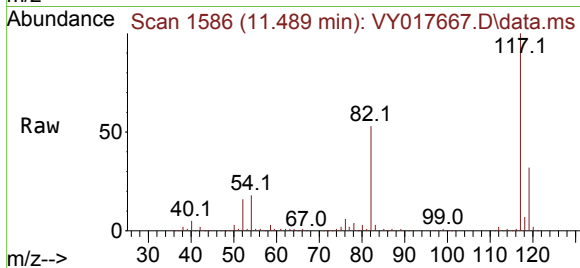
Tgt Ion:117 Resp: 205487

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 18.669 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Tgt Ion:164 Resp: 36822

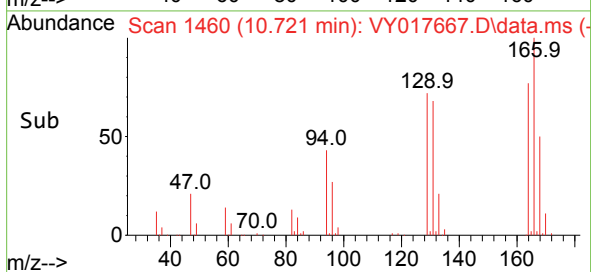
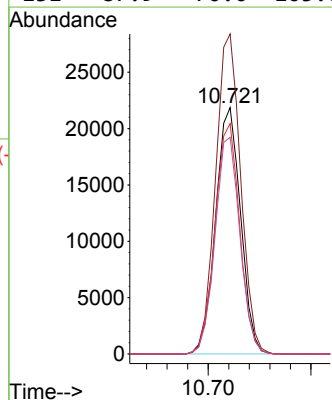
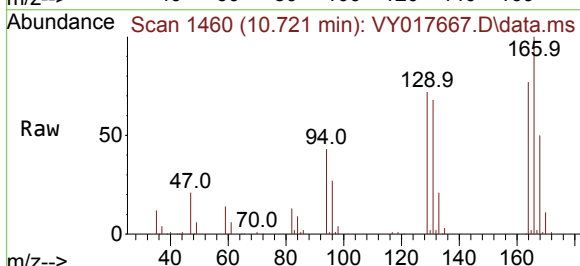
Ion Ratio Lower Upper

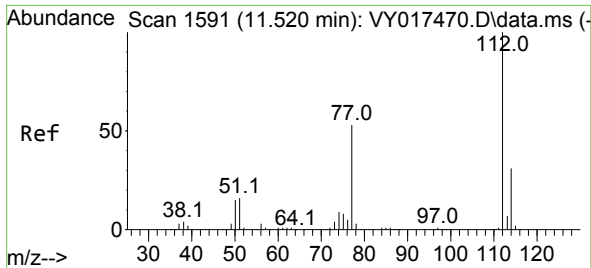
164 100

166 129.8 102.6 154.0

129 93.5 72.0 108.0

131 87.9 70.0 105.0

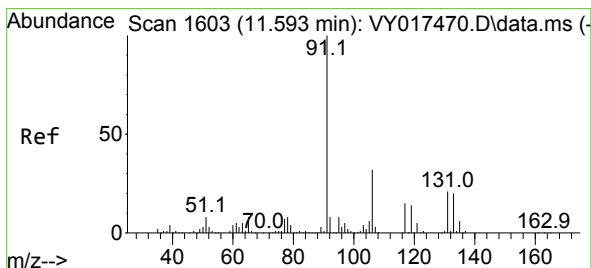
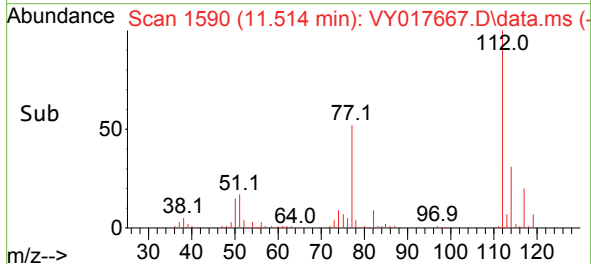
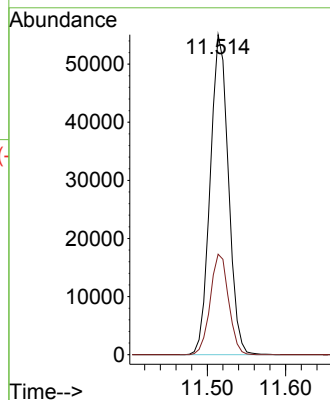
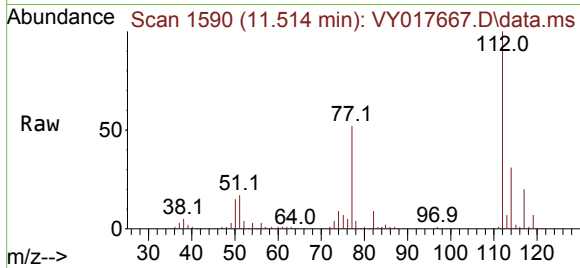




#65
Chlorobenzene
Concen: 20.367 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

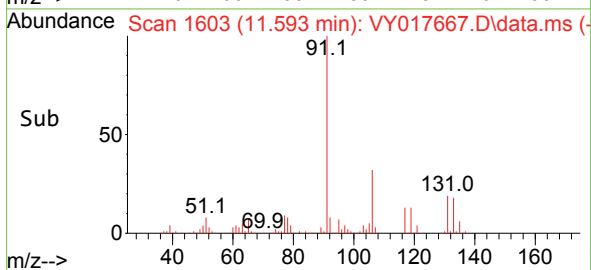
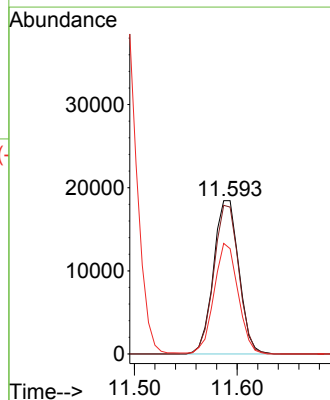
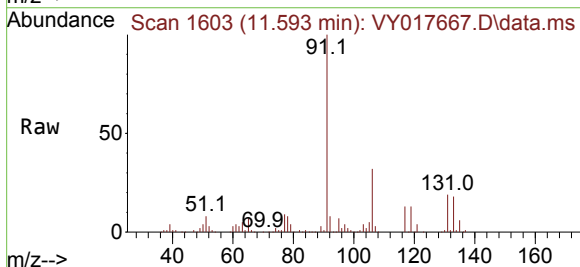
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

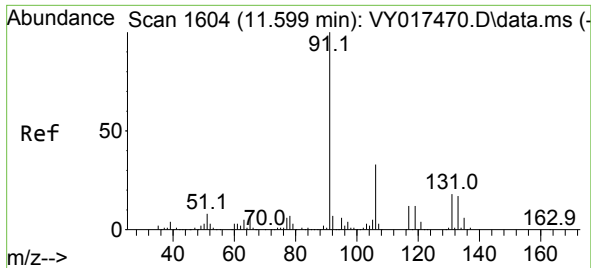
Tgt Ion:112 Resp: 88833
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.392 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:131 Resp: 31687
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 68.4 34.1 102.2

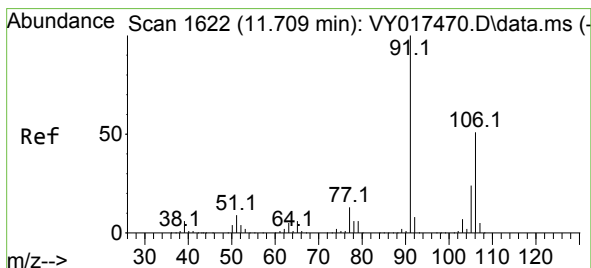
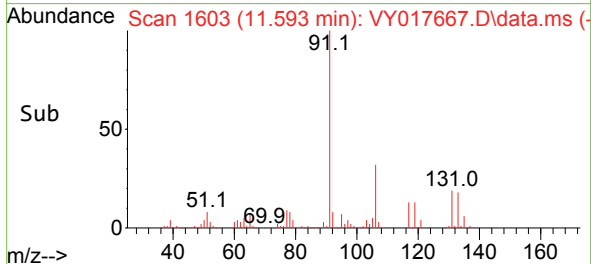
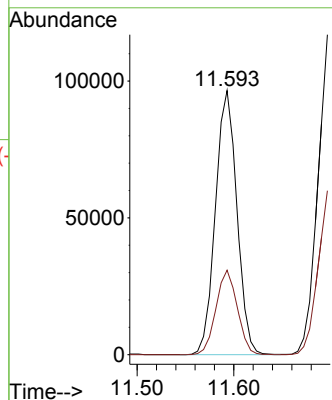
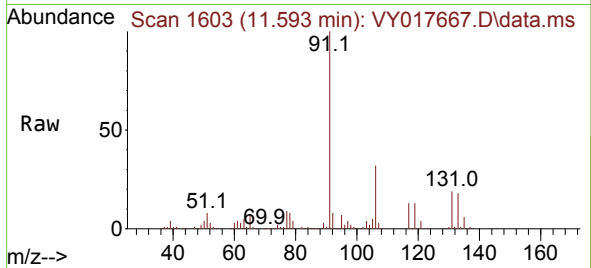




#67
Ethyl Benzene
Concen: 19.462 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

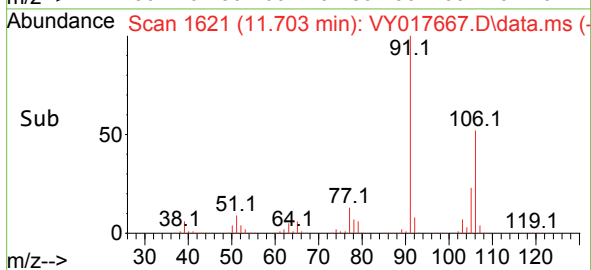
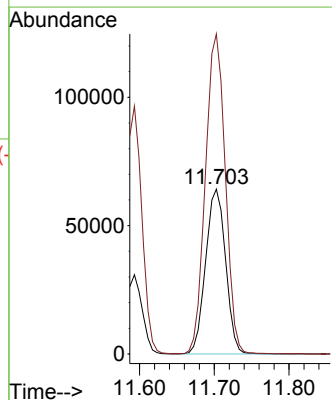
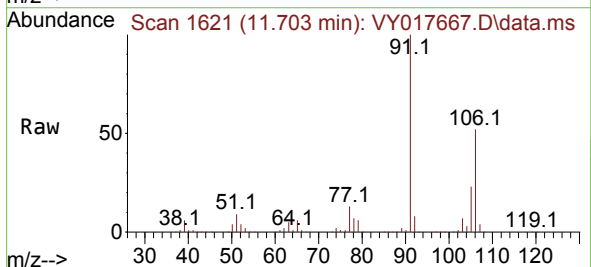
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

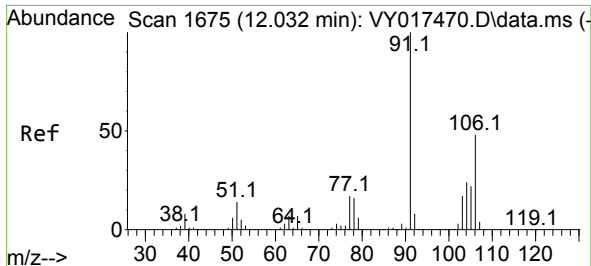
Tgt Ion: 91 Resp: 148868
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 39.594 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:106 Resp: 119007
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

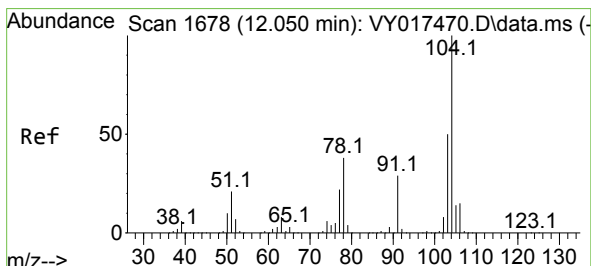
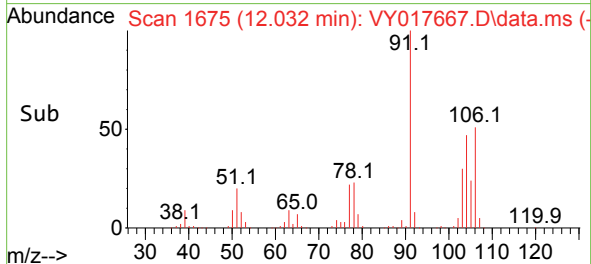
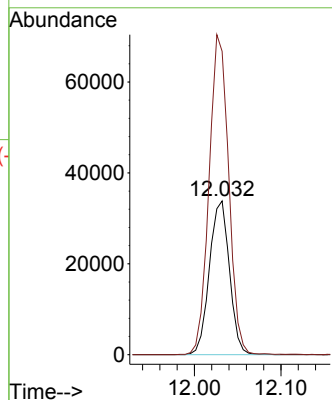
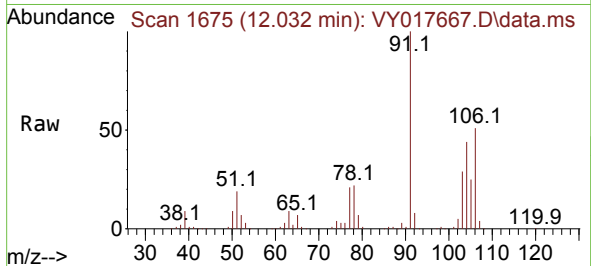




#69
o-Xylene
Concen: 19.465 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

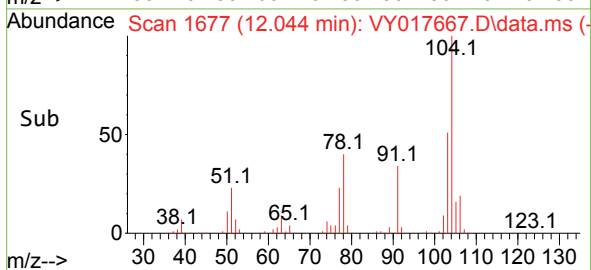
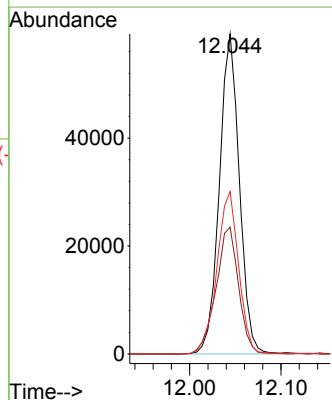
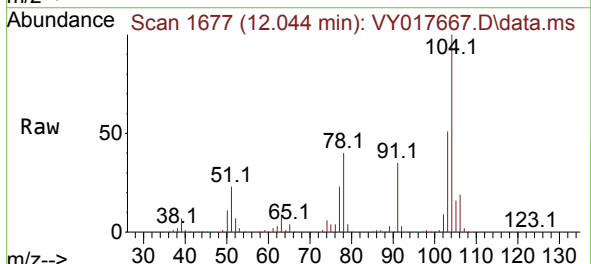
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

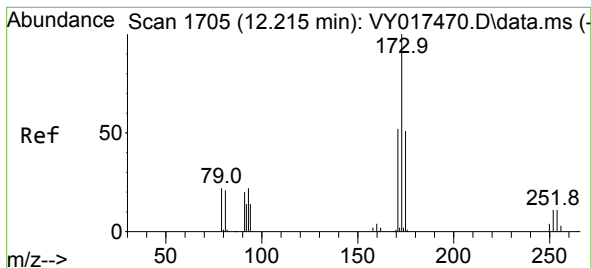
Tgt Ion:106 Resp: 54277
Ion Ratio Lower Upper
106 100
91 204.4 103.6 310.8



#70
Styrene
Concen: 19.502 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:104 Resp: 90266
Ion Ratio Lower Upper
104 100
78 44.7 37.0 55.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 19.168 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

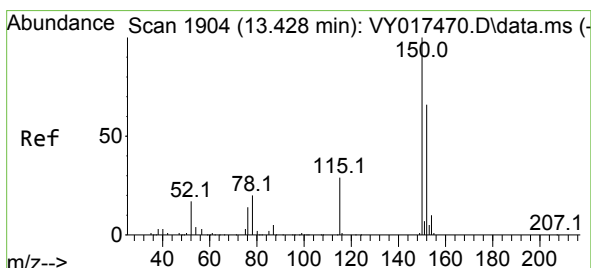
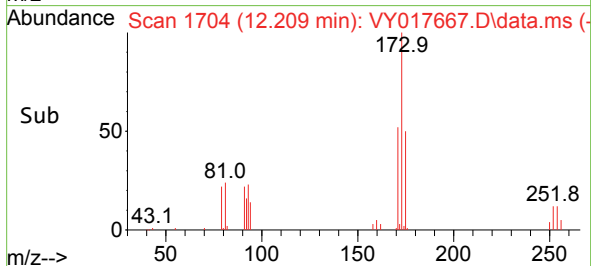
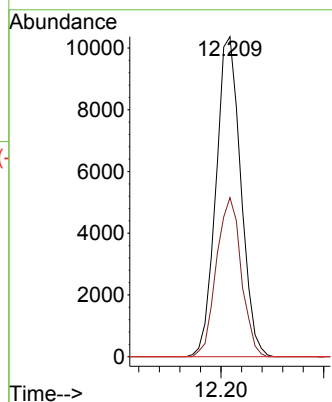
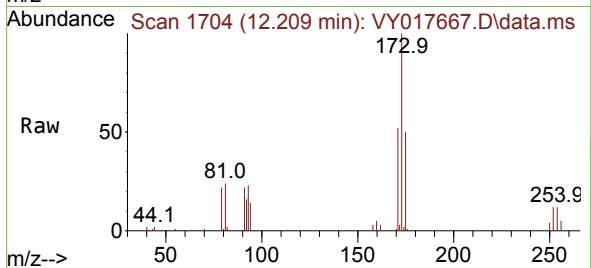
Tgt Ion:173 Resp: 17356

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

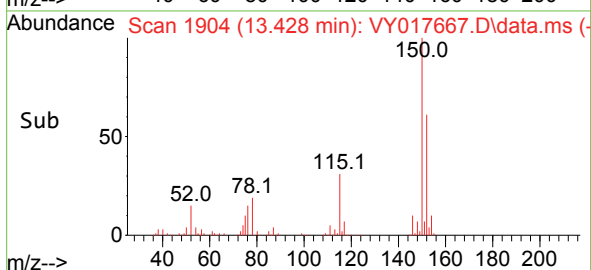
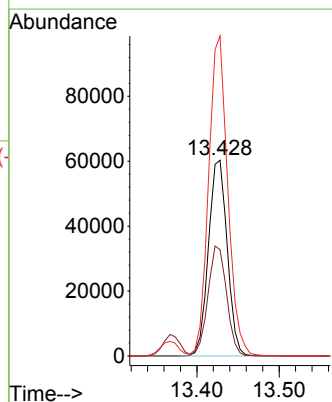
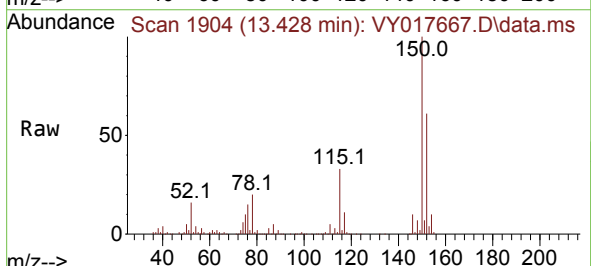
Tgt Ion:152 Resp: 95619

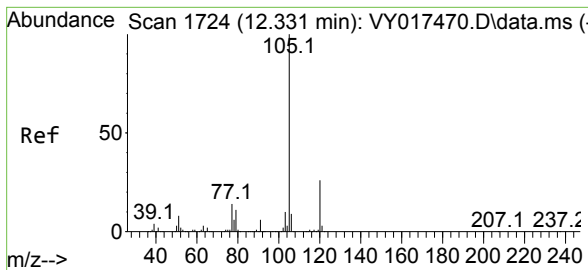
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 166.2 0.0 345.6

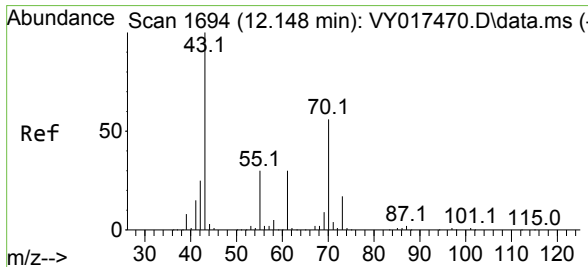
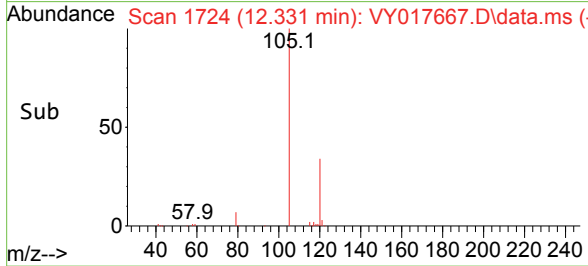
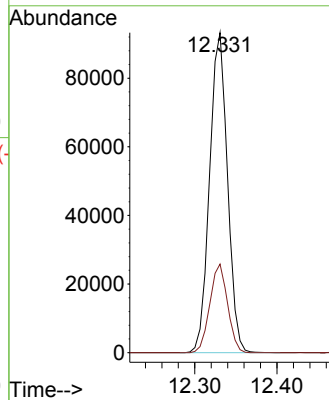
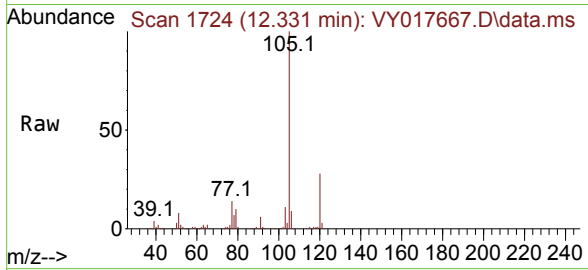




#73
Isopropylbenzene
Concen: 19.803 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

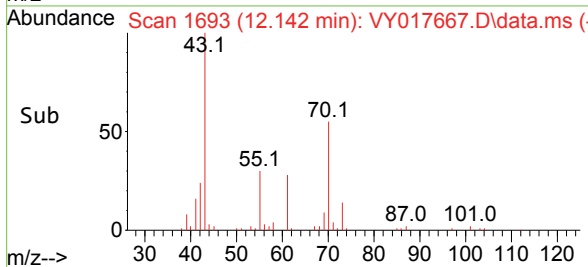
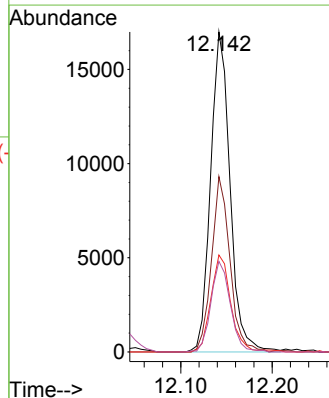
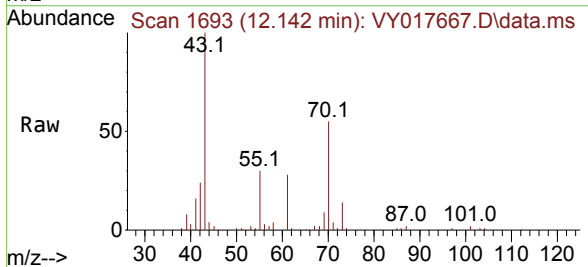
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

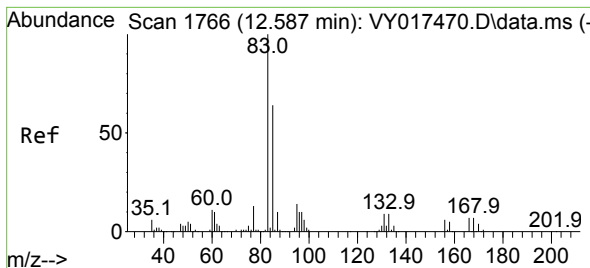
Tgt Ion:105 Resp: 140676
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 20.024 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 43 Resp: 25088
Ion Ratio Lower Upper
43 100
70 51.9 41.4 62.2
55 31.3 23.3 34.9
61 28.1 22.6 33.8

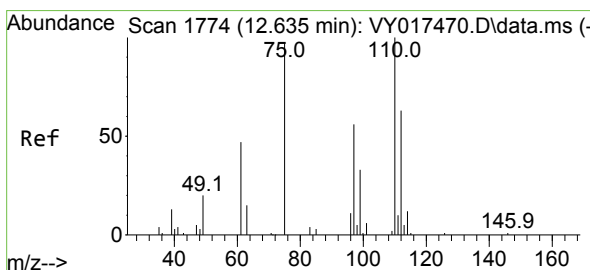
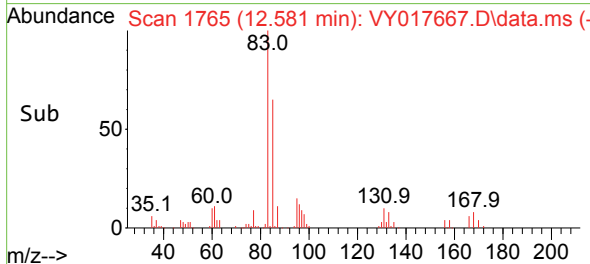
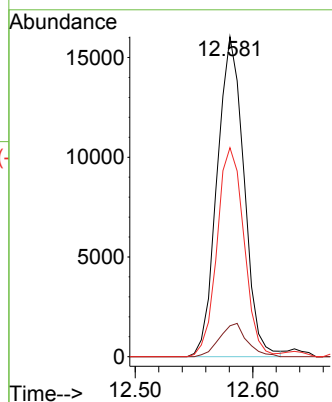
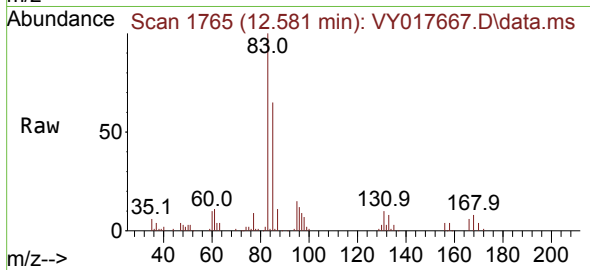




#75
1,1,2,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

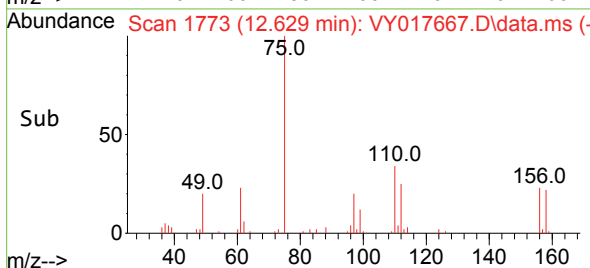
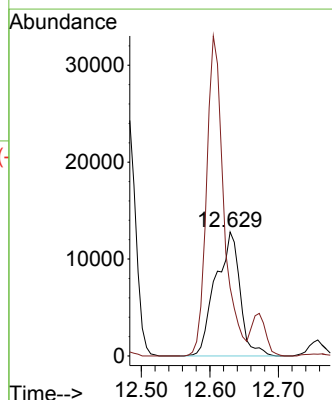
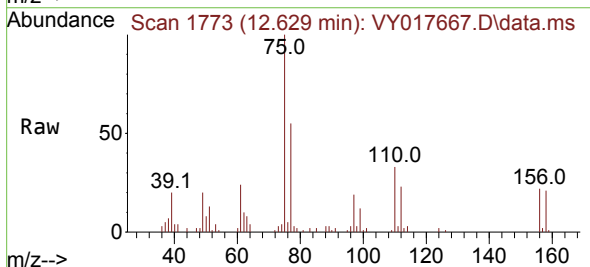
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

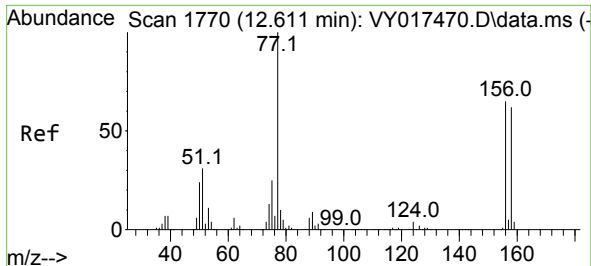
Tgt Ion: 83 Resp: 25511
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 34.908 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 75 Resp: 31715
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

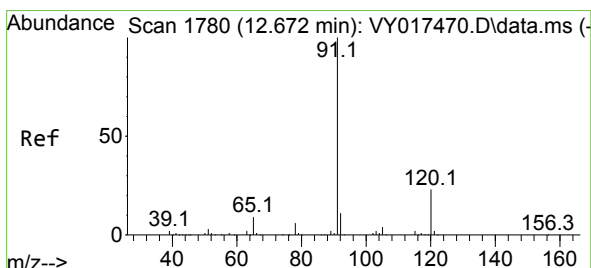
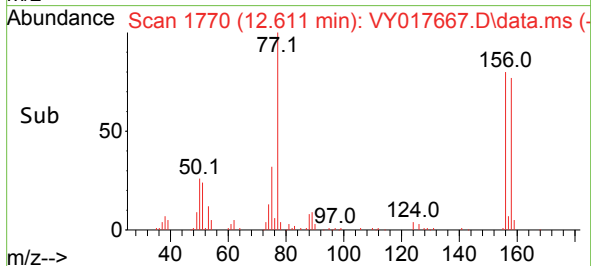
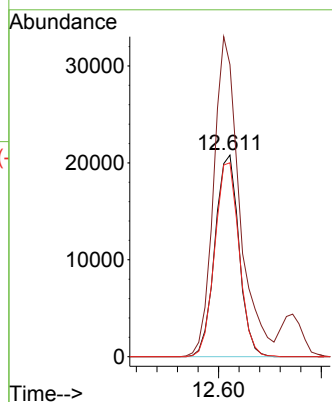
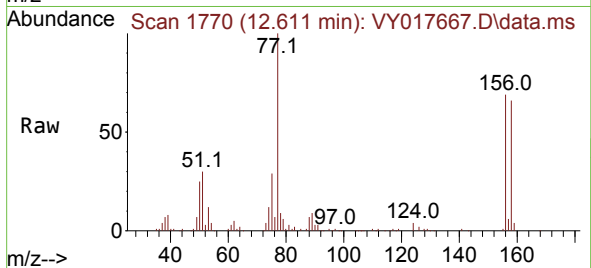




#77
Bromobenzene
Concen: 19.611 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

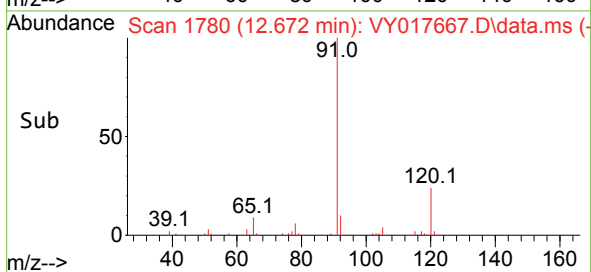
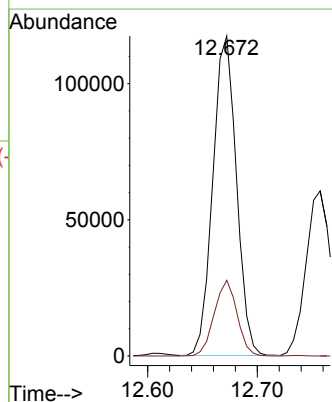
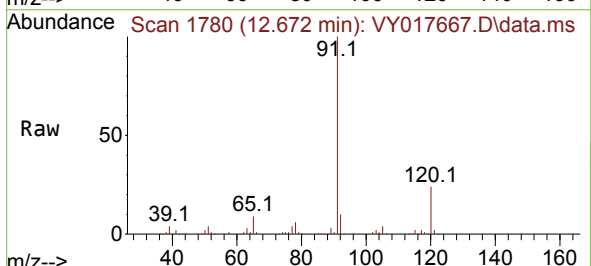
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

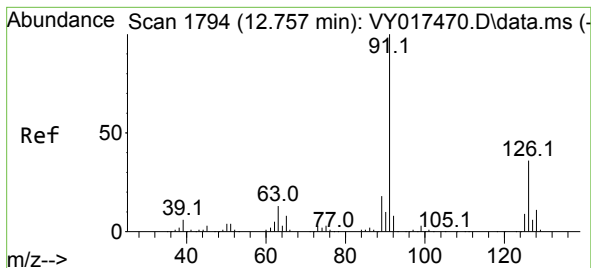
Tgt Ion:156 Resp: 33738
Ion Ratio Lower Upper
156 100
77 172.1 87.1 261.3
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 20.553 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 91 Resp: 175191
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

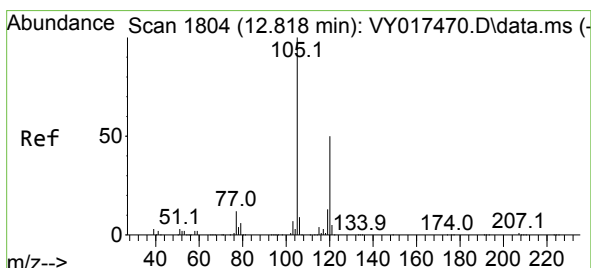
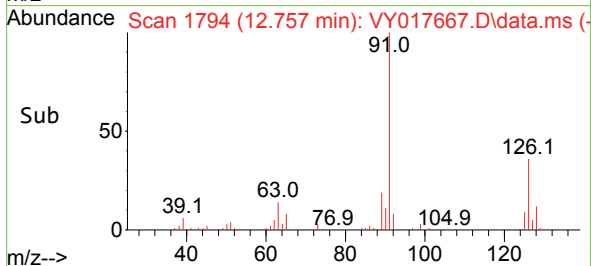
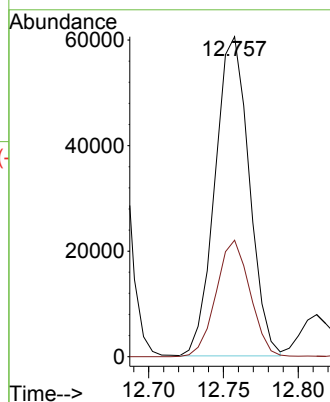
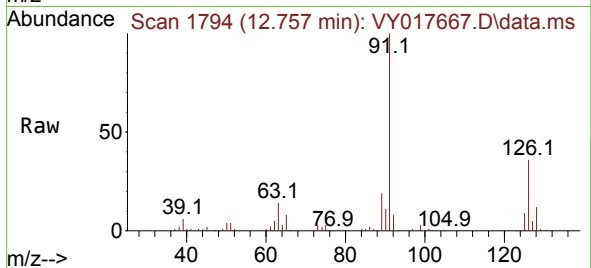




#79
2-Chlorotoluene
Concen: 20.175 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

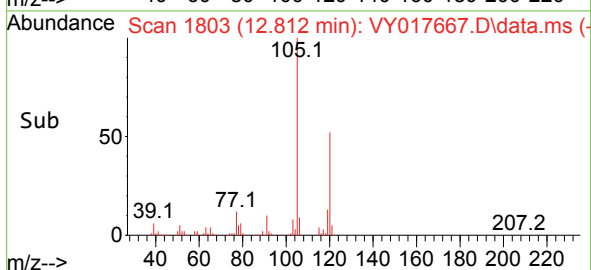
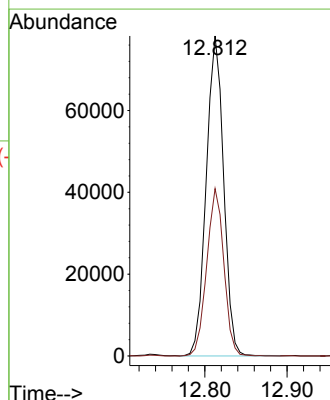
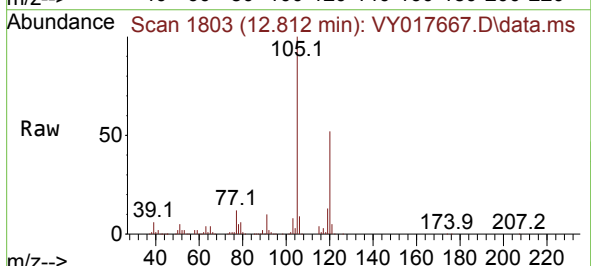
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBS01

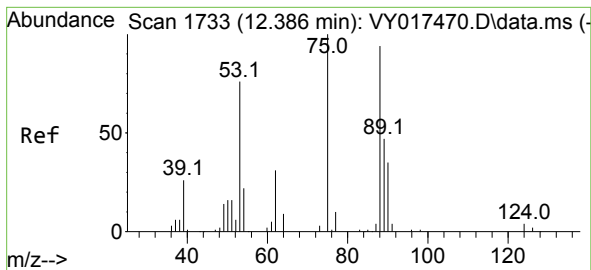
Tgt Ion: 91 Resp: 96284
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.224 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion: 105 Resp: 115103
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

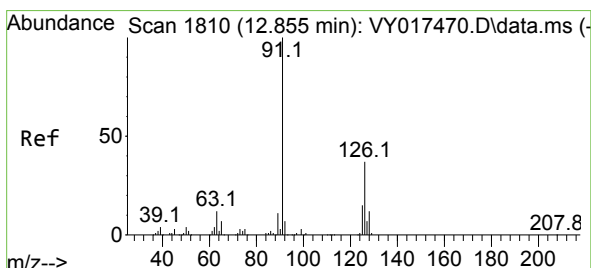
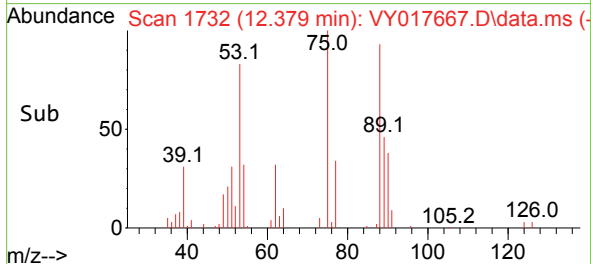
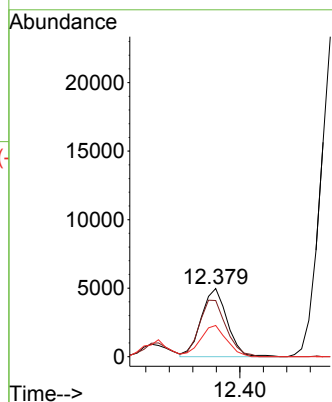
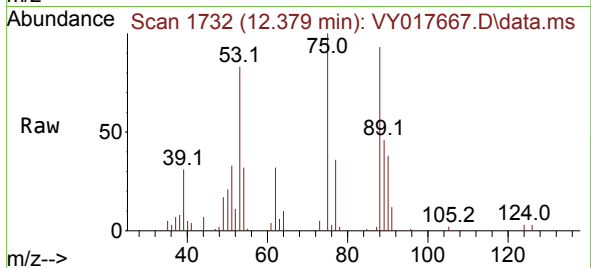




#81
trans-1,4-Dichloro-2-butene
Concen: 19.231 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

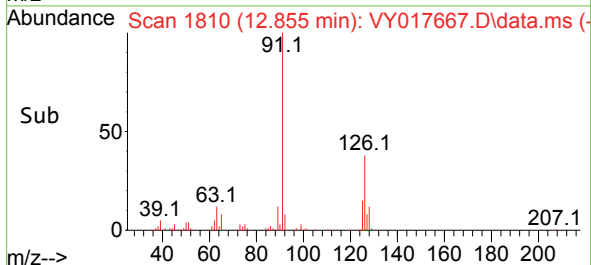
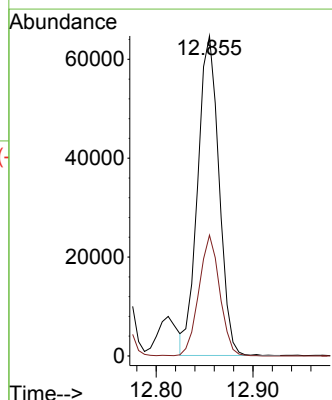
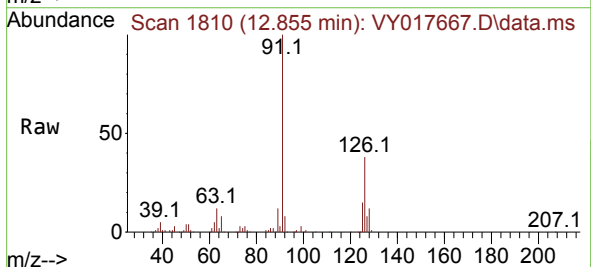
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBSD01

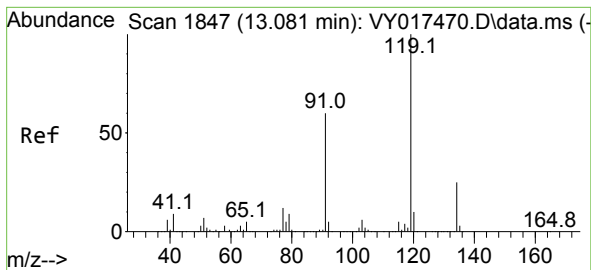
Tgt Ion:	75	Resp:	7604
Ion	Ratio	Lower	Upper
75	100		
53	86.1	66.8	100.2
89	46.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 20.273 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017667.D
Acq: 15 Mar 2024 12:57

Tgt Ion:	91	Resp:	98957
Ion	Ratio	Lower	Upper
91	100		
126	37.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 19.997 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

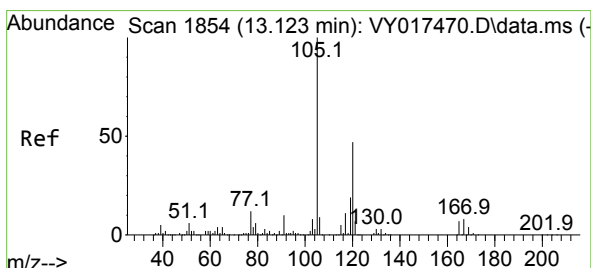
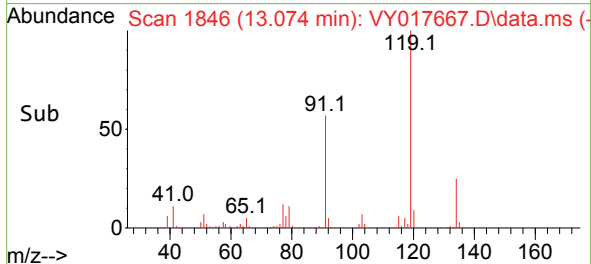
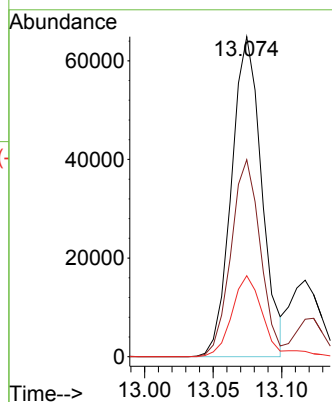
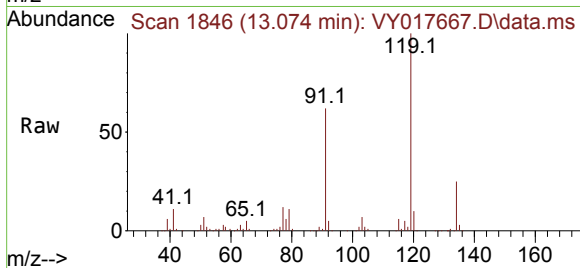
Tgt Ion:119 Resp: 99941

Ion Ratio Lower Upper

119 100

91 59.8 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.269 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY017667.D

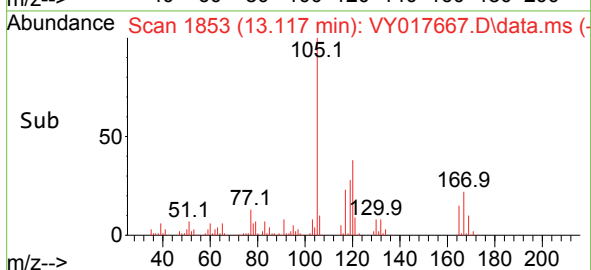
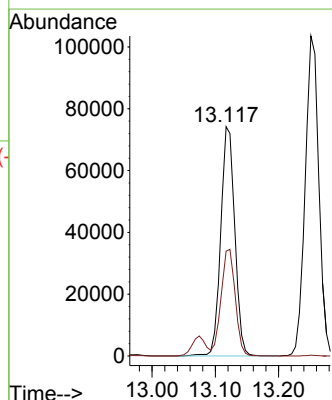
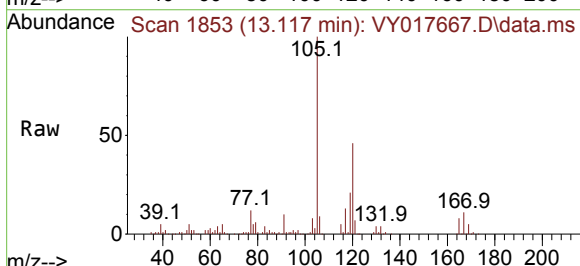
Acq: 15 Mar 2024 12:57

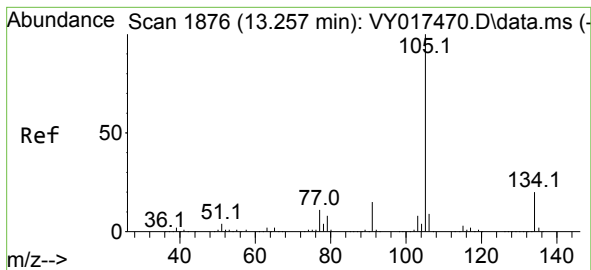
Tgt Ion:105 Resp: 113888

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.181 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

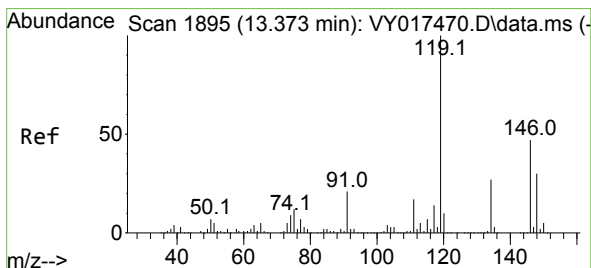
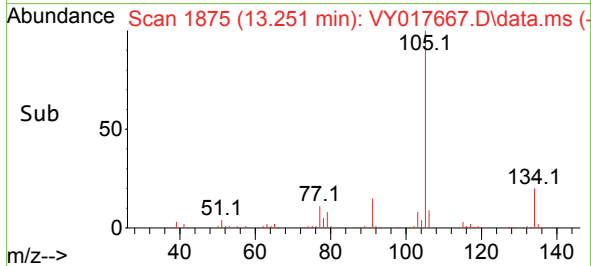
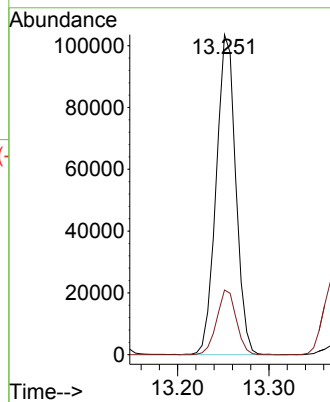
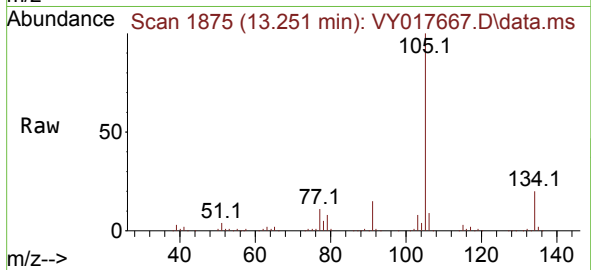
VY0315SBS01

Tgt Ion:105 Resp: 154205

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.226 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

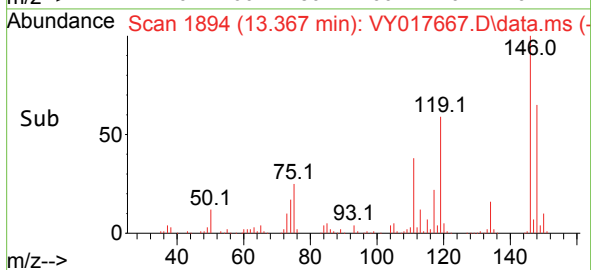
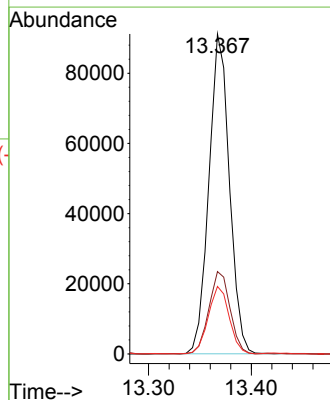
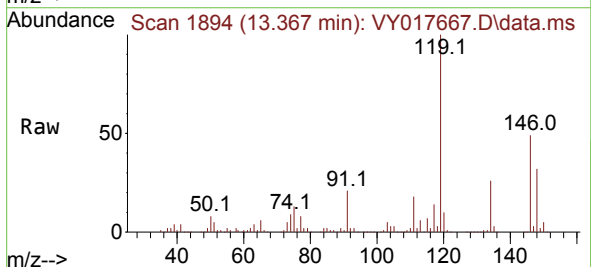
Tgt Ion:119 Resp: 126510

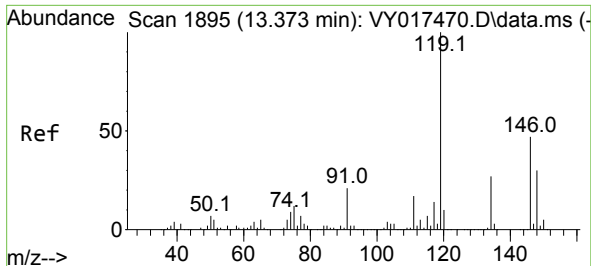
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.927 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

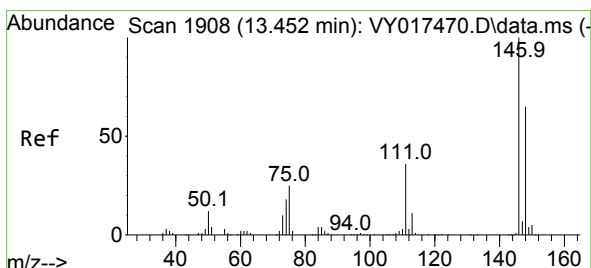
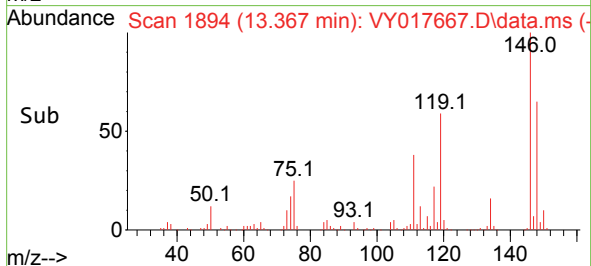
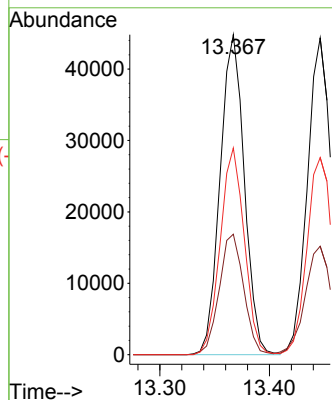
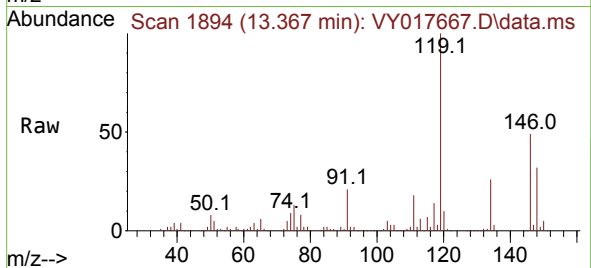
Tgt Ion:146 Resp: 68811

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.238 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

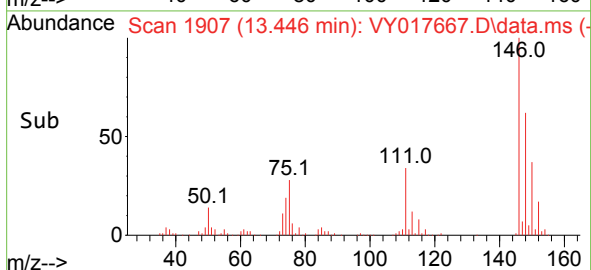
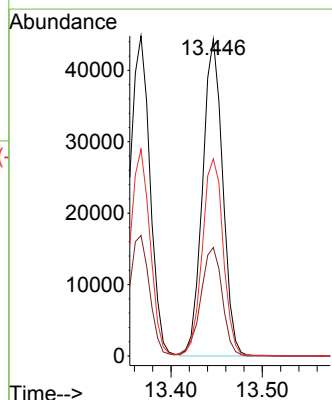
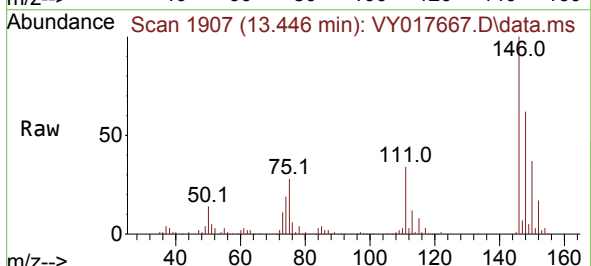
Tgt Ion:146 Resp: 67942

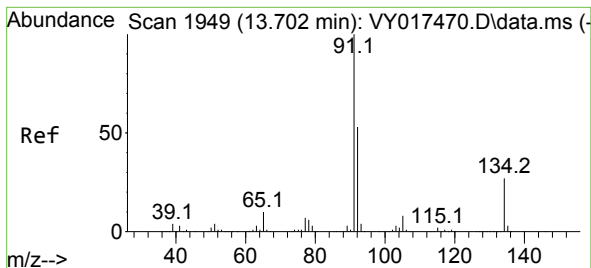
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 20.382 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

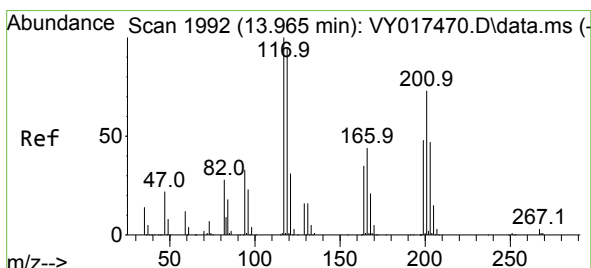
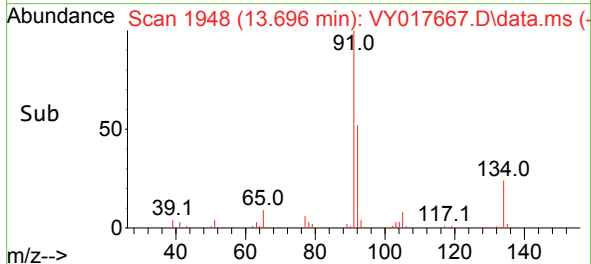
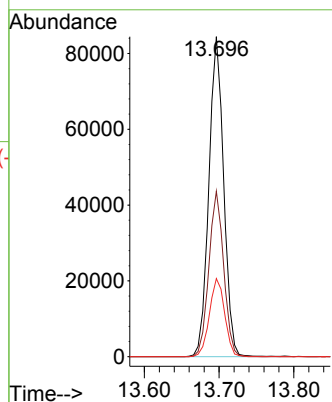
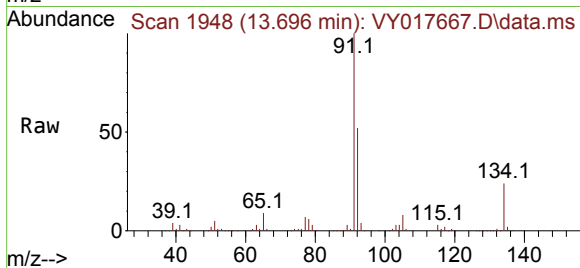
Tgt Ion: 91 Resp: 116318

Ion Ratio Lower Upper

91 100

92 51.6 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 20.384 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017667.D

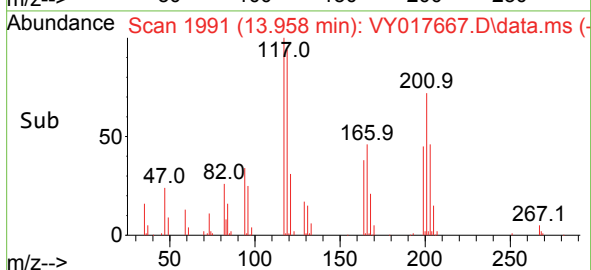
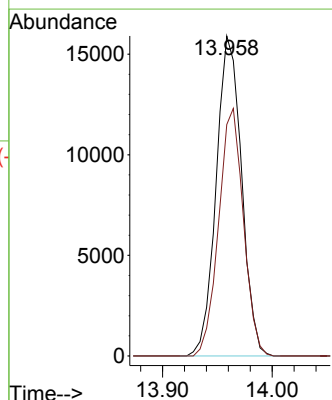
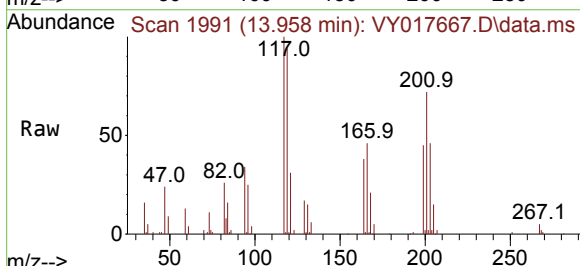
Acq: 15 Mar 2024 12:57

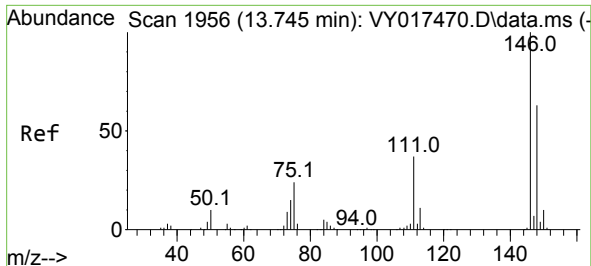
Tgt Ion: 117 Resp: 25561

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.073 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

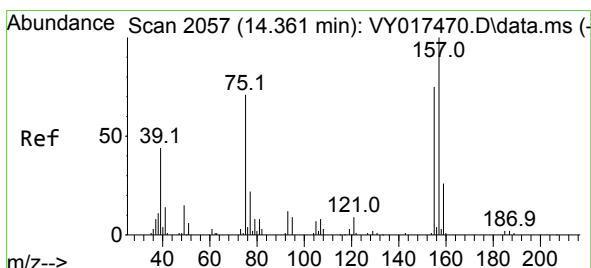
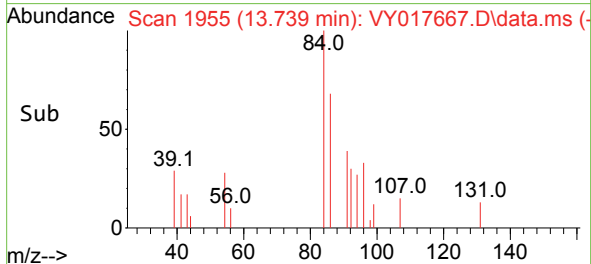
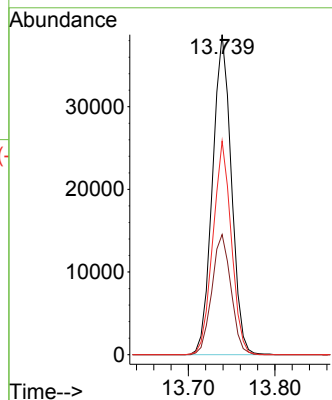
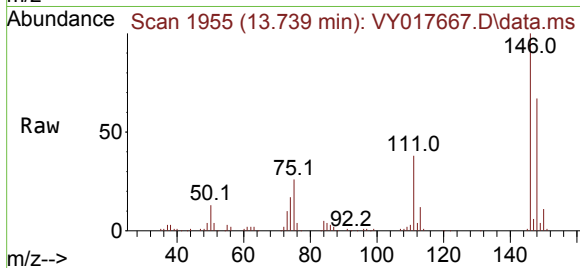
Tgt Ion:146 Resp: 58631

Ion Ratio Lower Upper

146 100

111 38.0 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.493 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

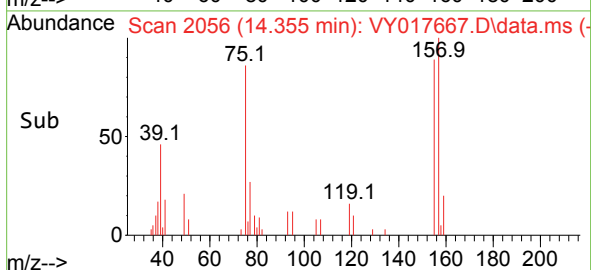
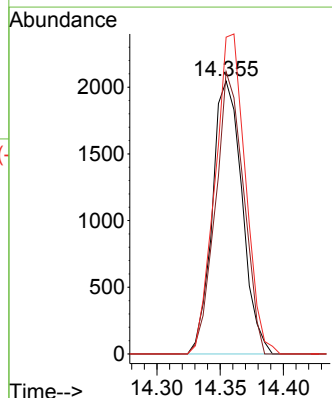
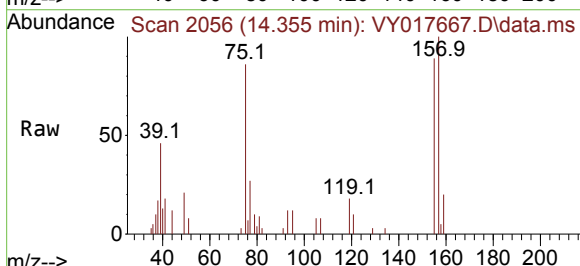
Tgt Ion: 75 Resp: 3343

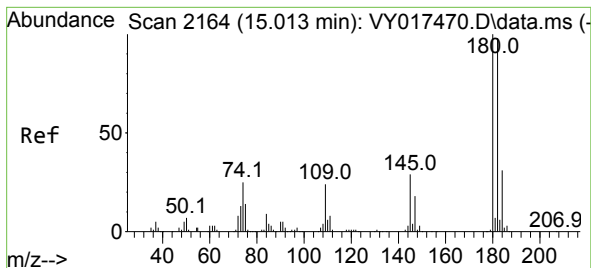
Ion Ratio Lower Upper

75 100

155 97.9 48.6 145.8

157 119.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.556 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBS01

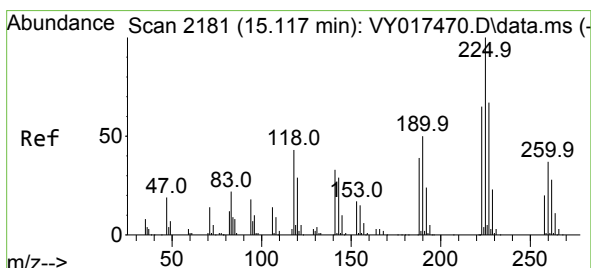
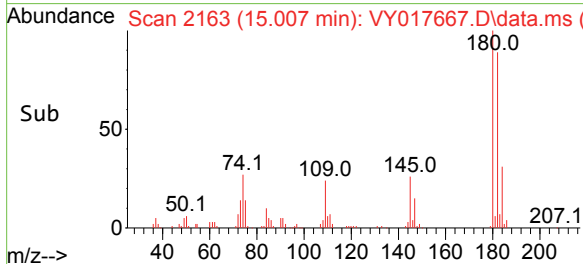
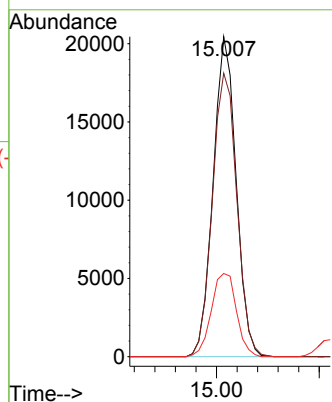
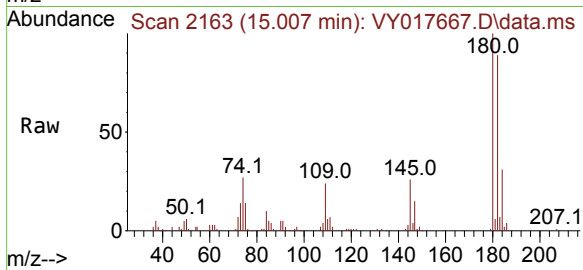
Tgt Ion:180 Resp: 31713

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.463 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

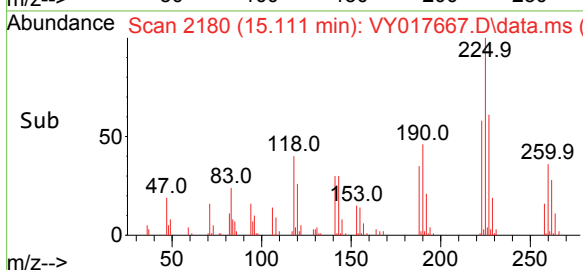
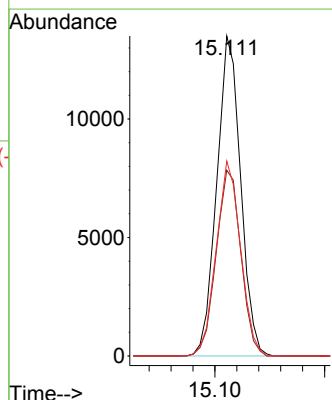
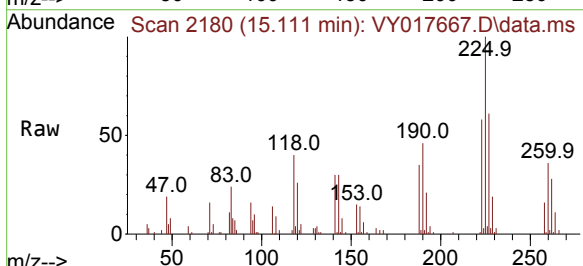
Tgt Ion:225 Resp: 20444

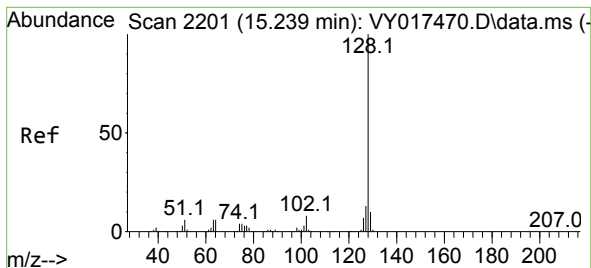
Ion Ratio Lower Upper

225 100

223 60.0 30.4 91.2

227 62.0 31.9 95.9





#95

Naphthalene

Concen: 19.089 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBSD01

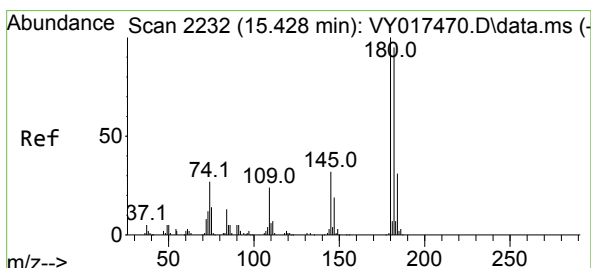
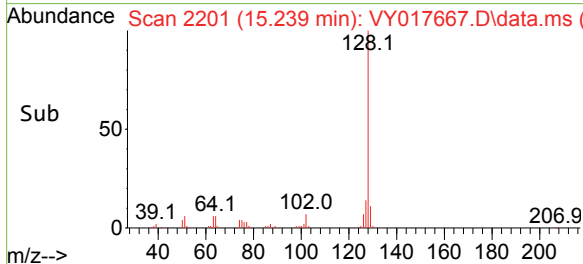
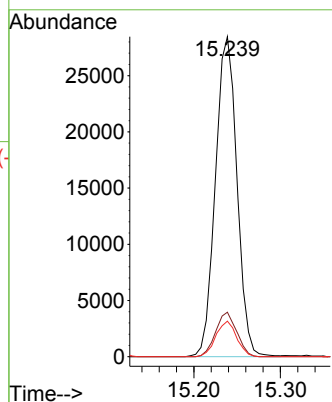
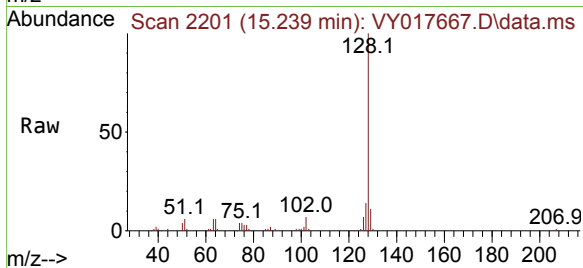
Tgt Ion:128 Resp: 49217

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.230 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017667.D

Acq: 15 Mar 2024 12:57

Tgt Ion:180 Resp: 26775

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 29.6 15.4 46.1

