

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017658.D
 Acq On : 14 Mar 2024 11:47
 Operator : SY/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 03:55:46 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	169262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67014	41.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.560%
35) Dibromofluoromethane	7.716	113	83385	45.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.760%
50) Toluene-d8	10.179	98	299279	46.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.483	95	92870	45.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17441	13.969	ug/l	95
3) Chloromethane	2.113	50	27174	11.912	ug/l	100
4) Vinyl Chloride	2.247	62	37914	12.955	ug/l	97
5) Bromomethane	2.650	94	32701	13.711	ug/l	99
6) Chloroethane	2.790	64	27052	14.652	ug/l	99
7) Trichlorofluoromethane	3.119	101	45306	15.189	ug/l	97
8) Diethyl Ether	3.527	74	13957	15.953	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	29377	17.122	ug/l	97
10) Methyl Iodide	4.094	142	26355	13.687	ug/l	99
11) Tert butyl alcohol	4.948	59	10196	74.826	ug/l	99
12) 1,1-Dichloroethene	3.869	96	23804	14.887	ug/l	98
13) Acrolein	3.729	56	10757	59.830	ug/l	99
14) Allyl chloride	4.479	41	29890	15.471	ug/l	94
15) Acrylonitrile	5.161	53	29852	83.005	ug/l	98
16) Acetone	3.942	43	28043	90.130	ug/l	90
17) Carbon Disulfide	4.192	76	44160	9.201	ug/l	98
18) Methyl Acetate	4.479	43	10754	14.247	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	61119	16.400	ug/l	98
20) Methylene Chloride	4.716	84	36325	16.164	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	27842	14.872	ug/l	95
22) Diisopropyl ether	6.112	45	78652	17.642	ug/l	94
23) Vinyl Acetate	6.058	43	215616	81.161	ug/l	98
24) 1,1-Dichloroethane	6.015	63	52438	17.216	ug/l	96
25) 2-Butanone	6.984	43	37463	84.488	ug/l	99
26) 2,2-Dichloropropane	6.978	77	45917	17.931	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	35981	17.117	ug/l	97
28) Bromochloromethane	7.332	49	18852	15.716	ug/l	94
29) Tetrahydrofuran	7.344	42	20397	76.309	ug/l	100
30) Chloroform	7.502	83	58683	18.096	ug/l	99
31) Cyclohexane	7.789	56	34792	13.327	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	48667	17.286	ug/l	97
36) 1,1-Dichloropropene	7.917	75	38044	15.346	ug/l	98
37) Ethyl Acetate	7.076	43	15559	15.890	ug/l	99
38) Carbon Tetrachloride	7.899	117	42542	17.122	ug/l	97
39) Methylcyclohexane	9.185	83	40911	13.731	ug/l	98
40) Benzene	8.161	78	120966	16.430	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017658.D
 Acq On : 14 Mar 2024 11:47
 Operator : SY/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 03:55:46 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)
41) Methacrylonitrile	7.301	41	6732	13.701	ug/l	90
42) 1,2-Dichloroethane	8.234	62	30478	16.967	ug/l	99
43) Isopropyl Acetate	8.271	43	27702	16.100	ug/l	98
44) Trichloroethene	8.941	130	34652	16.329	ug/l	96
45) 1,2-Dichloropropane	9.215	63	30247	17.268	ug/l	100
46) Dibromomethane	9.307	93	16132	16.093	ug/l	93
47) Bromodichloromethane	9.496	83	43259	17.773	ug/l	92
48) Methyl methacrylate	9.295	41	12095	15.186	ug/l	94
49) 1,4-Dioxane	9.295	88	3555	313.357	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	75966	79.217	ug/l	97
52) Toluene	10.246	92	78354	16.882	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	37819	16.740	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	47143	17.173	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	24956	17.534	ug/l	96
56) Ethyl methacrylate	10.508	69	25763	16.504	ug/l	97
57) 1,3-Dichloropropane	10.788	76	39945	17.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	52364	63.757	ug/l	97
59) 2-Hexanone	10.831	43	55044	83.565	ug/l	98
60) Dibromochloromethane	10.983	129	30648	18.202	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22245	16.960	ug/l	98
64) Tetrachloroethene	10.721	164	36037	16.280	ug/l	97
65) Chlorobenzene	11.520	112	86815	17.735	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	33663	18.356	ug/l	99
67) Ethyl Benzene	11.593	91	147096	17.135	ug/l	99
68) m/p-Xylenes	11.703	106	116888	34.651	ug/l	98
69) o-Xylene	12.032	106	54480	17.408	ug/l	97
70) Styrene	12.044	104	91811	17.674	ug/l	98
71) Bromoform	12.209	173	18292	18.000	ug/l #	99
73) Isopropylbenzene	12.331	105	144369	18.283	ug/l	99
74) N-amyl acetate	12.148	43	23262	16.703	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	26168	19.298	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	30894	30.592	ug/l #	100
77) Bromobenzene	12.611	156	35536	18.583	ug/l	95
78) n-propylbenzene	12.672	91	178079	18.795	ug/l	99
79) 2-Chlorotoluene	12.758	91	97673	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	116533	18.421	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	7589	17.267	ug/l	97
82) 4-Chlorotoluene	12.855	91	100391	18.503	ug/l	98
83) tert-Butylbenzene	13.075	119	107666	19.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	116465	18.648	ug/l	99
85) sec-Butylbenzene	13.257	105	161651	19.033	ug/l	99
86) p-Isopropyltoluene	13.373	119	130484	18.768	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70516	18.372	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	70979	19.021	ug/l	98
89) n-Butylbenzene	13.696	91	120378	18.977	ug/l	99
90) Hexachloroethane	13.965	117	27281	19.572	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	61536	18.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3354	17.595	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	31700	18.485	ug/l	99
94) Hexachlorobutadiene	15.111	225	20774	19.621	ug/l	95
95) Naphthalene	15.239	128	46308	16.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26002	17.675	ug/l	99

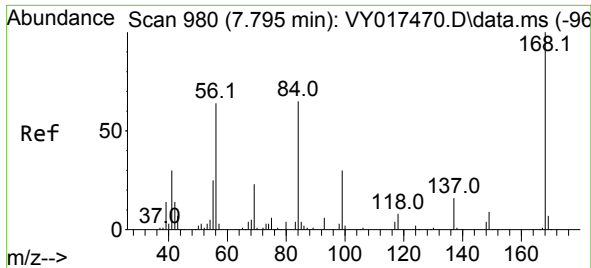
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
Data File : VY017658.D
Acq On : 14 Mar 2024 11:47
Operator : SY/MD
Sample : VY0314SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Quant Time: Mar 15 03:55:46 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)
----------	------	------	----------	------	-------	----------

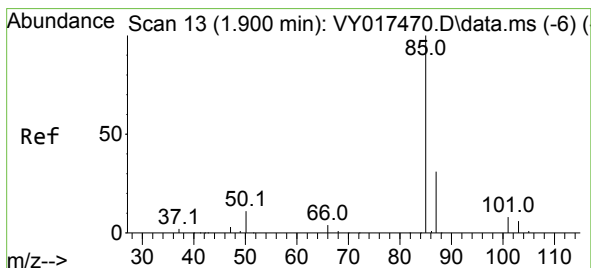
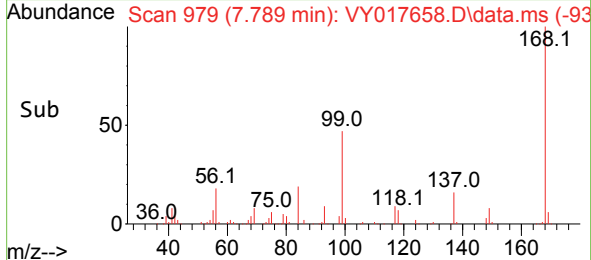
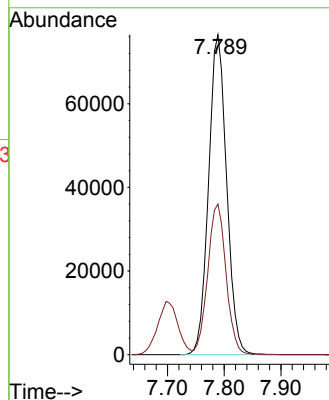
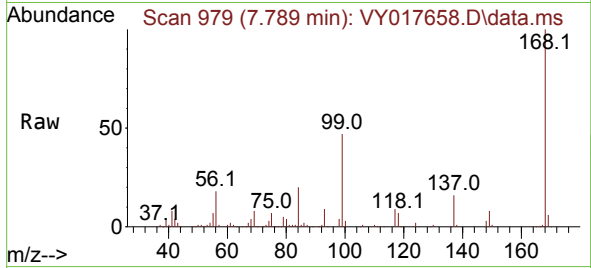
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

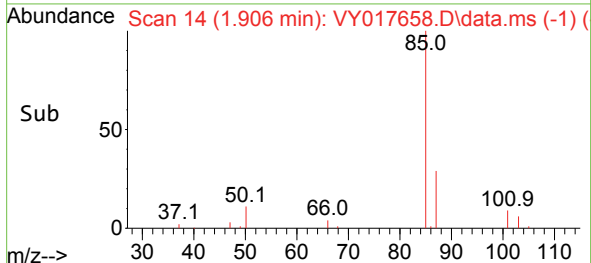
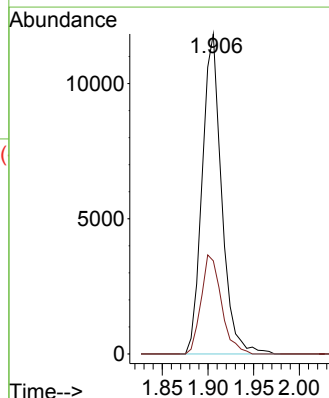
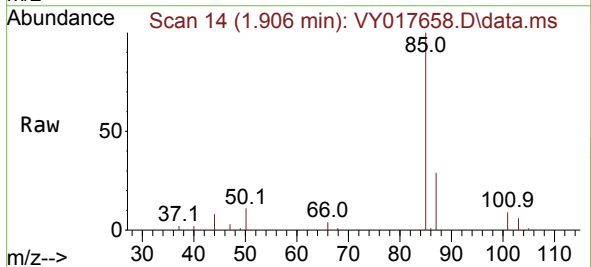
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

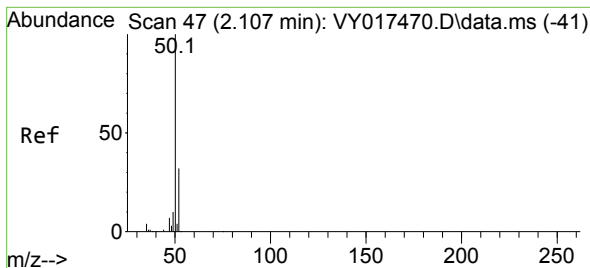
Tgt Ion:168 Resp: 169262
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 13.969 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 85 Resp: 17441
Ion Ratio Lower Upper
85 100
87 29.1 16.0 48.0





#3

Chloromethane

Concen: 11.912 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

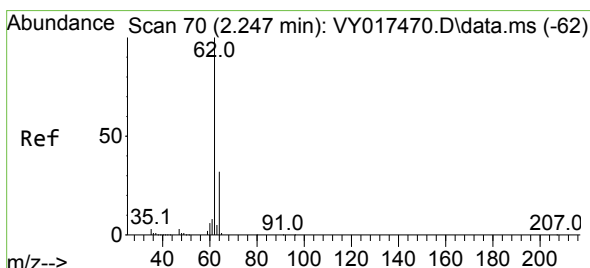
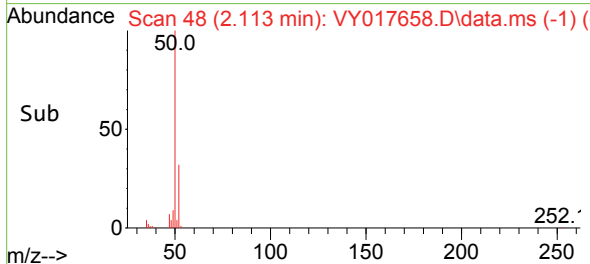
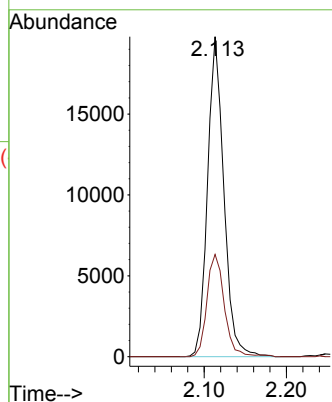
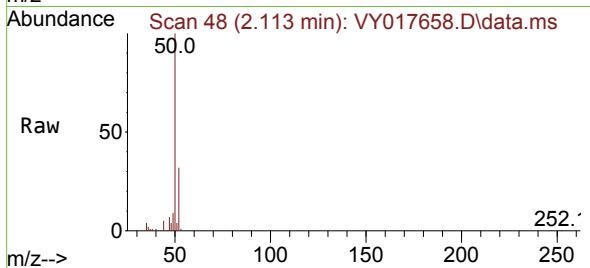
VY0314SBS01

Tgt Ion: 50 Resp: 27174

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 12.955 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017658.D

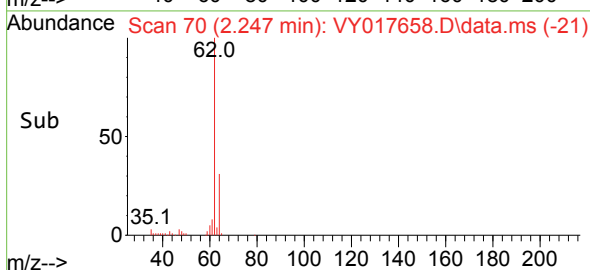
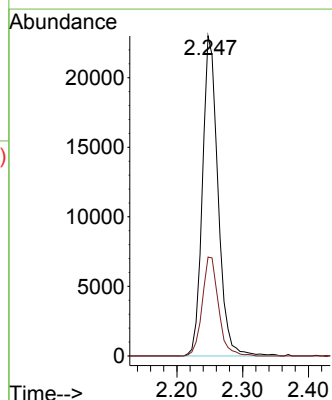
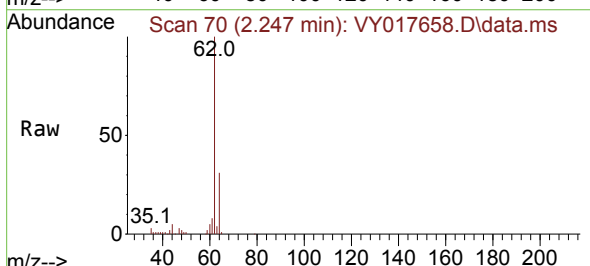
Acq: 14 Mar 2024 11:47

Tgt Ion: 62 Resp: 37914

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1

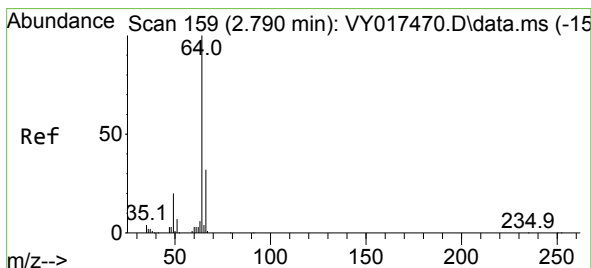
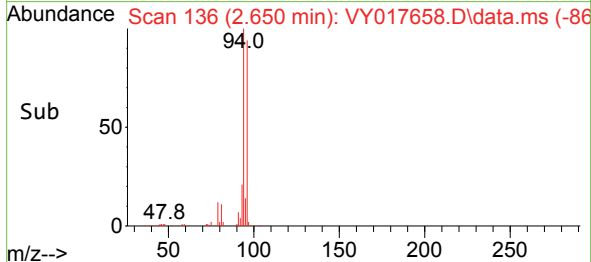
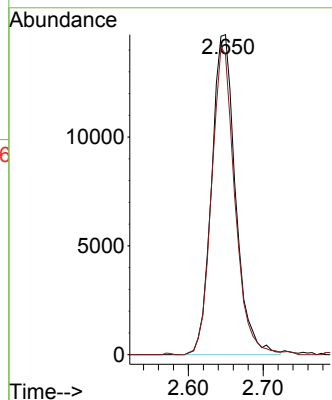
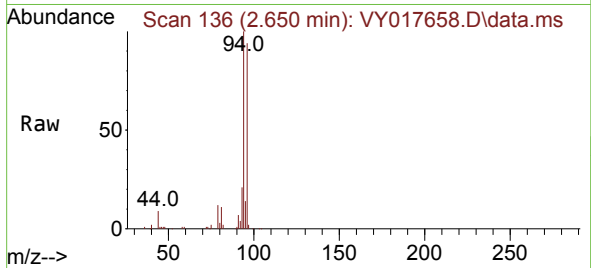




#5
Bromomethane
Concen: 13.711 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

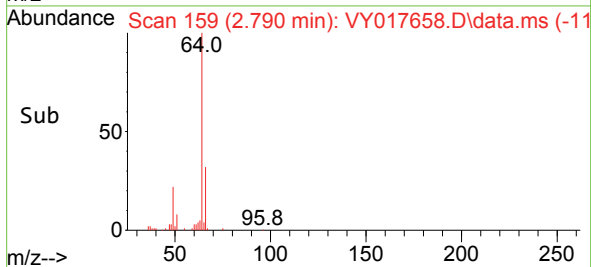
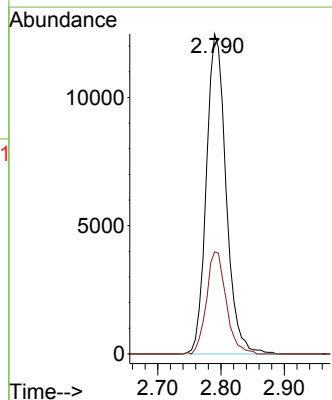
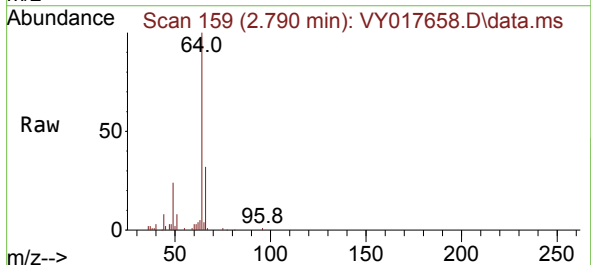
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

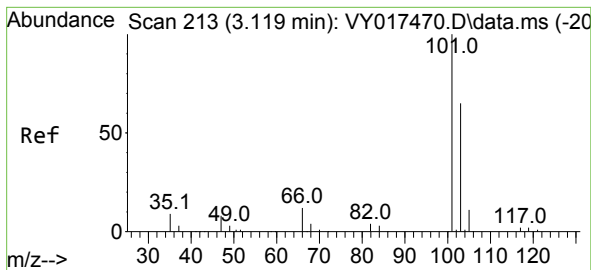
Tgt Ion: 94 Resp: 32701
Ion Ratio Lower Upper
94 100
96 93.8 74.1 111.1



#6
Chloroethane
Concen: 14.652 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 64 Resp: 27052
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

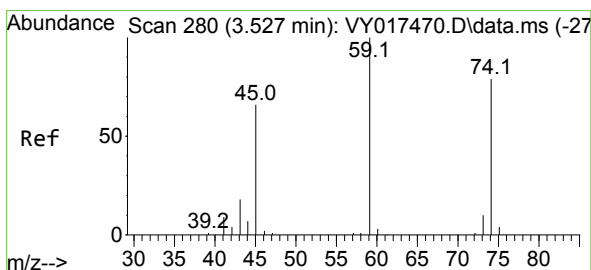
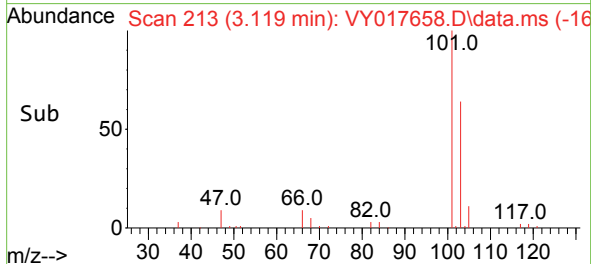
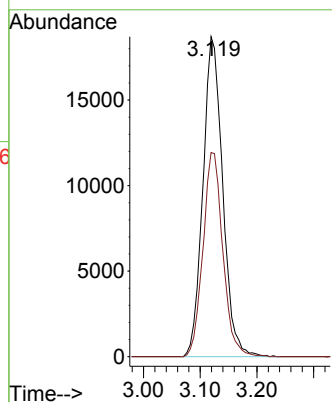
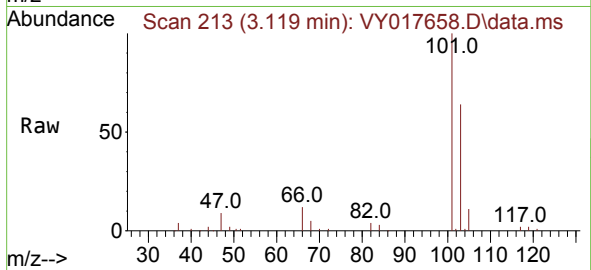




#7
 Trichlorofluoromethane
 Concen: 15.189 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

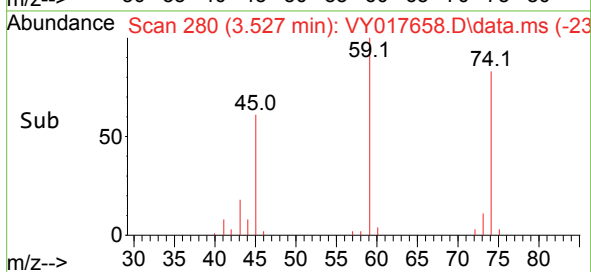
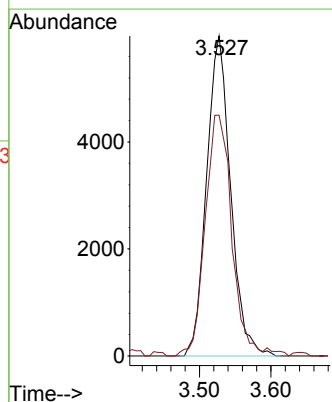
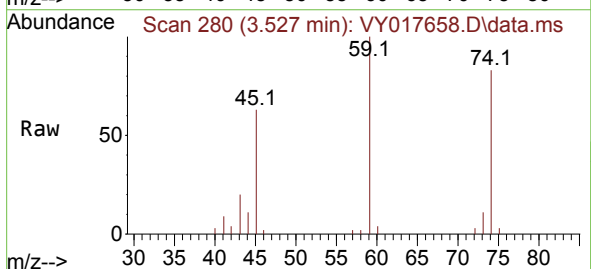
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

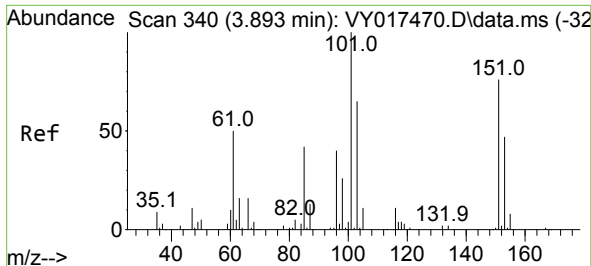
Tgt Ion:101 Resp: 45306
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 15.953 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

Tgt Ion: 74 Resp: 13957
 Ion Ratio Lower Upper
 74 100
 45 82.4 41.3 124.1

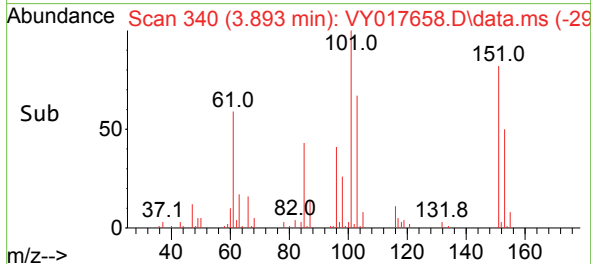
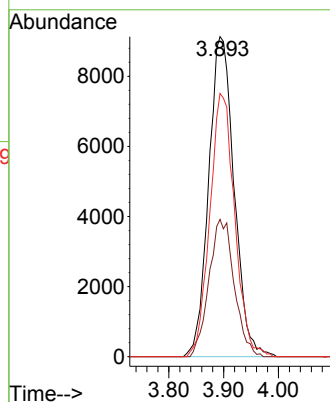
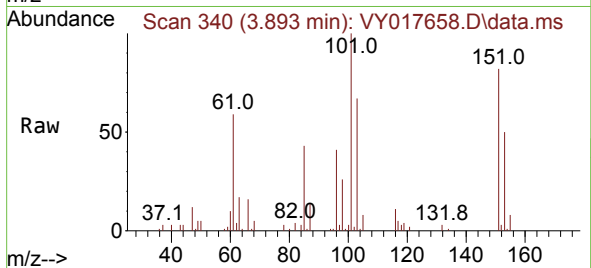




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.122 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

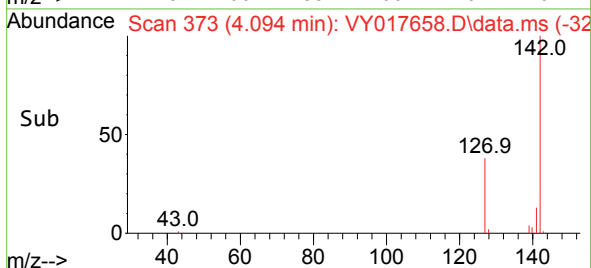
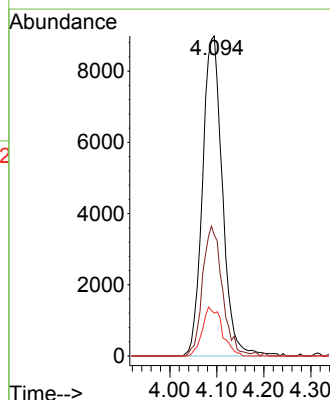
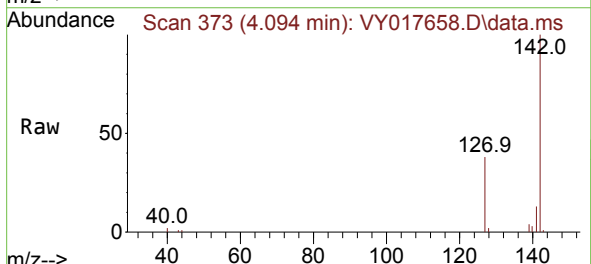
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

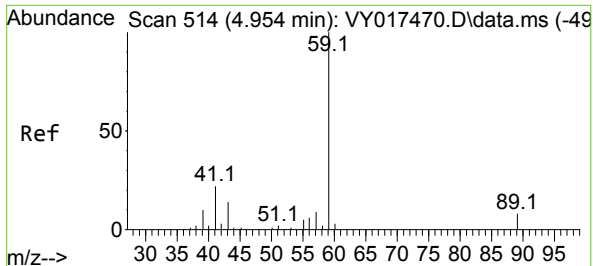
Tgt Ion:101 Resp: 29377
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 80.5 61.7 92.5



#10
Methyl Iodide
Concen: 13.687 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:142 Resp: 26355
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 15.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 74.826 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

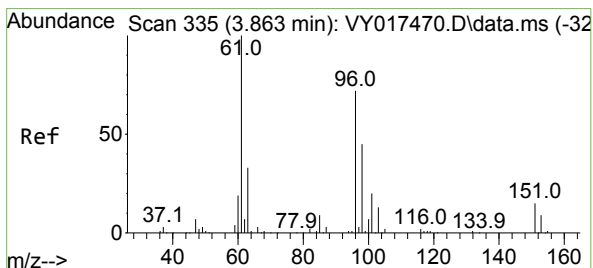
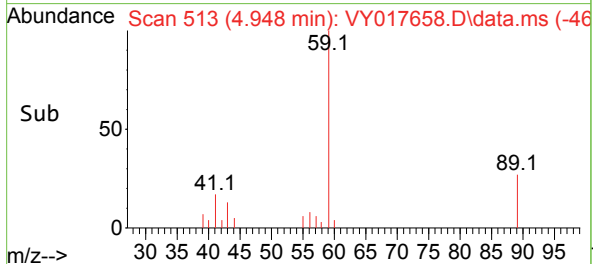
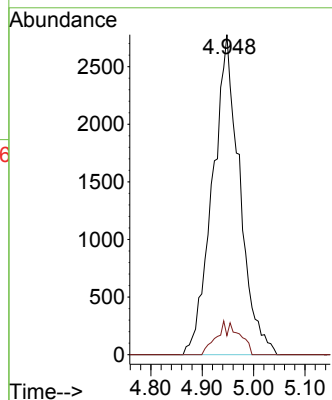
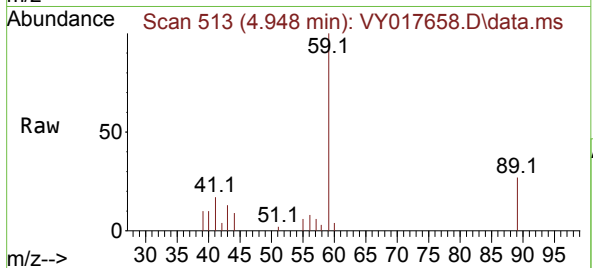
VY0314SBS01

Tgt Ion: 59 Resp: 10196

Ion Ratio Lower Upper

59 100

57 4.2 3.0 4.6



#12

1,1-Dichloroethene

Concen: 14.887 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

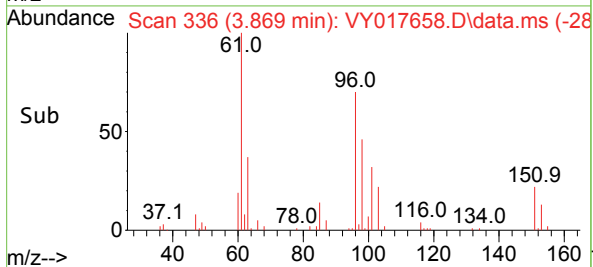
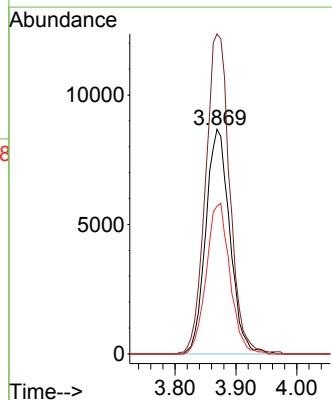
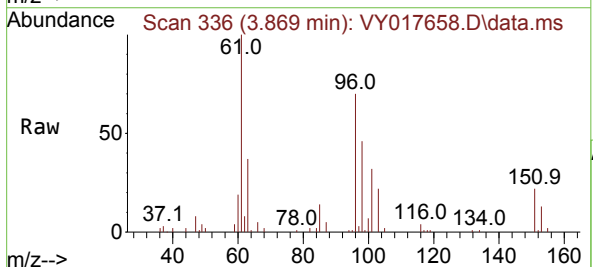
Tgt Ion: 96 Resp: 23804

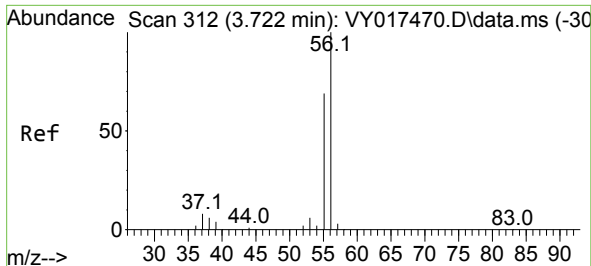
Ion Ratio Lower Upper

96 100

61 141.7 114.6 171.8

98 65.8 50.8 76.2





#13

Acrolein

Concen: 59.830 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

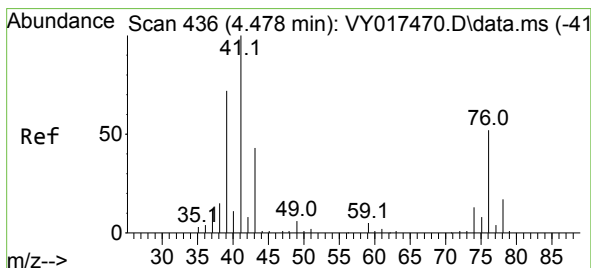
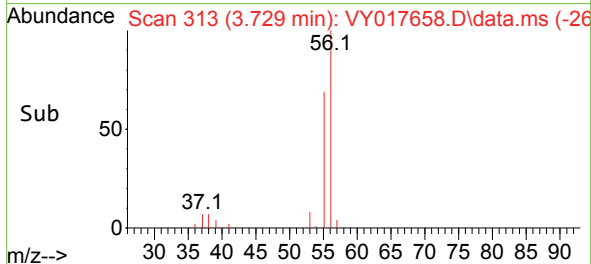
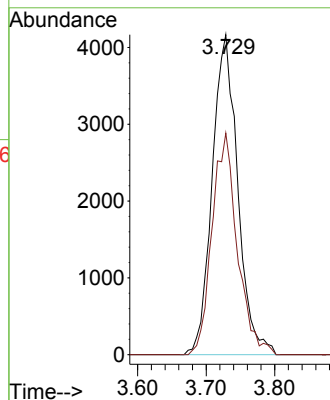
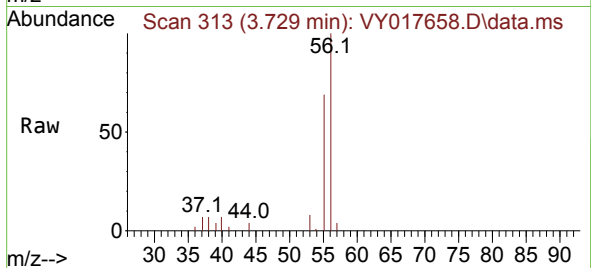
VY0314SBS01

Tgt Ion: 56 Resp: 10757

Ion Ratio Lower Upper

56 100

55 68.6 55.7 83.5



#14

Allyl chloride

Concen: 15.471 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

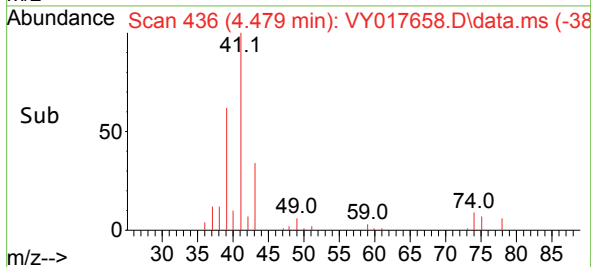
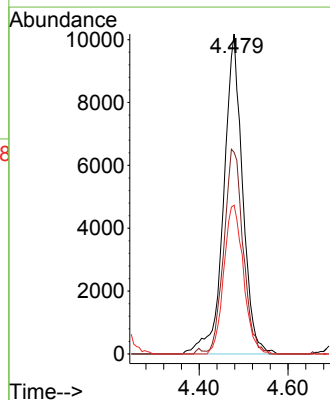
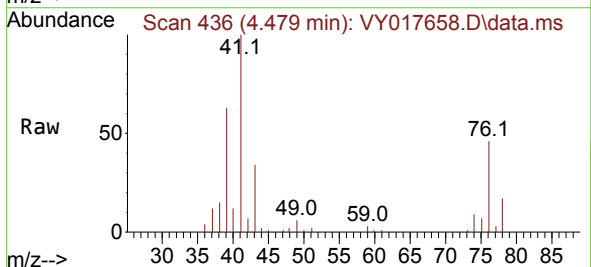
Tgt Ion: 41 Resp: 29890

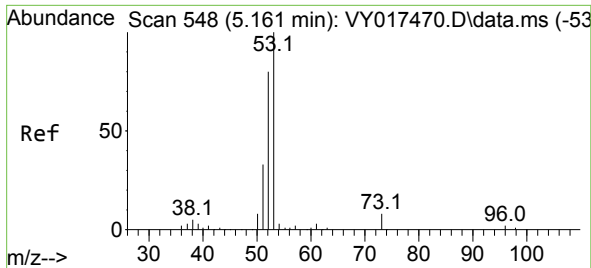
Ion Ratio Lower Upper

41 100

39 65.0 58.3 87.5

76 48.4 39.0 58.6

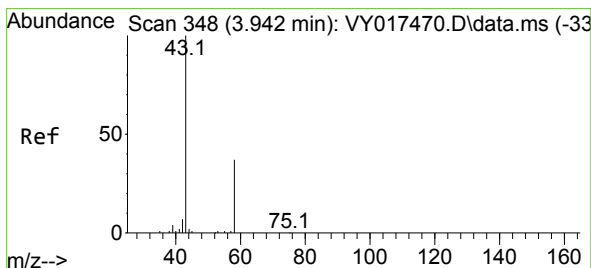
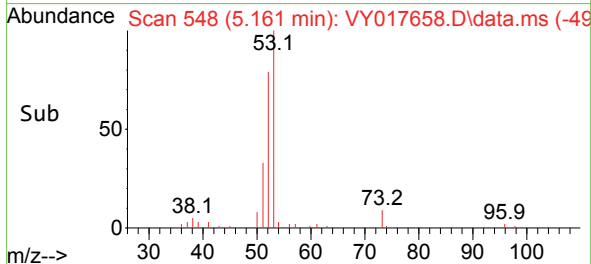
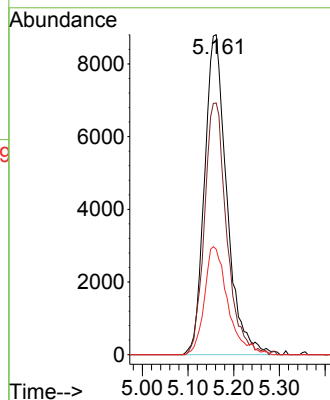
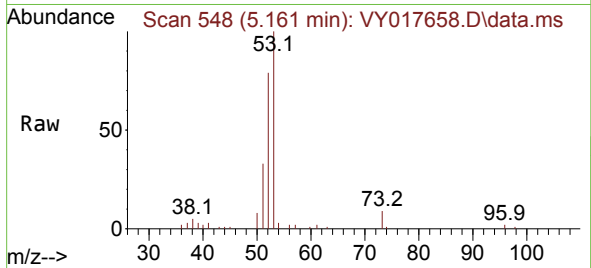




#15
Acrylonitrile
Concen: 83.005 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

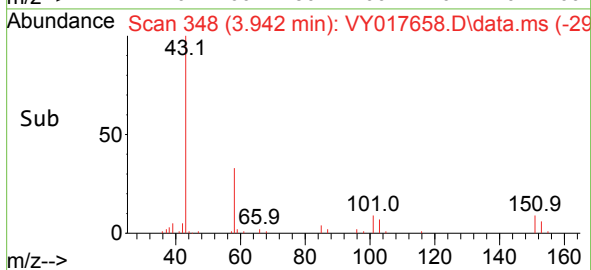
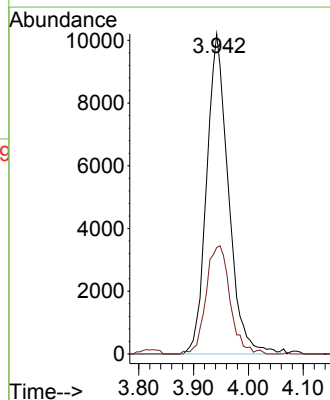
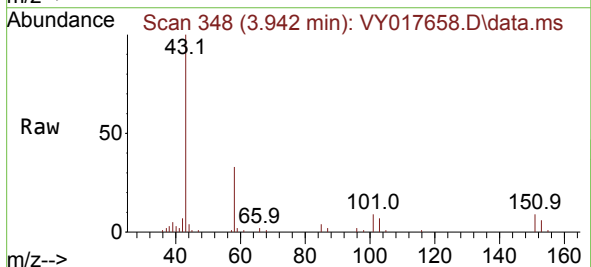
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

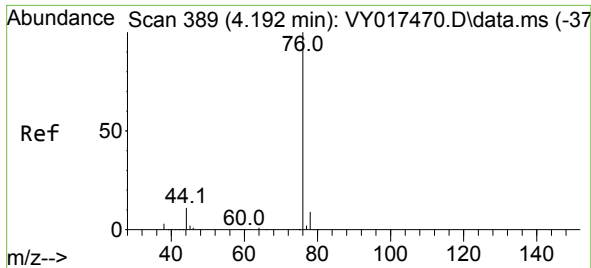
Tgt Ion:	53	Resp:	29852
Ion	Ratio	Lower	Upper
53	100		
52	78.4	64.7	97.1
51	35.5	28.4	42.6



#16
Acetone
Concen: 90.130 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:	43	Resp:	28043
Ion	Ratio	Lower	Upper
43	100		
58	33.2	31.7	47.5

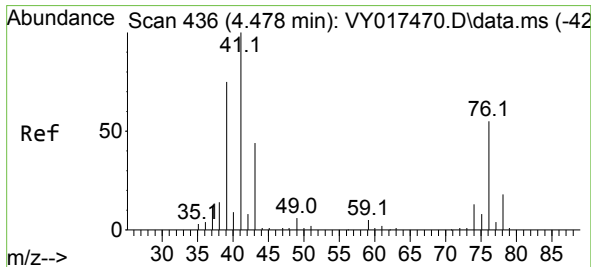
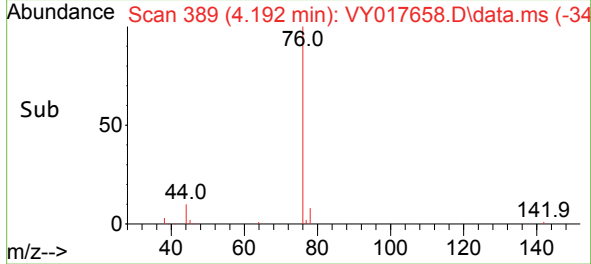
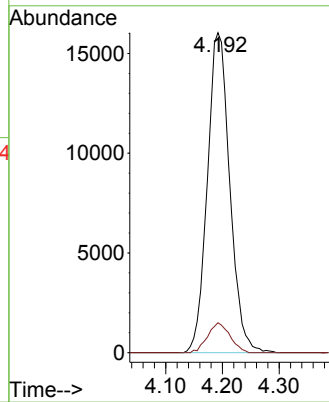
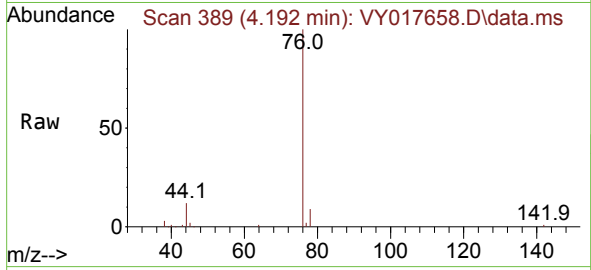




#17
Carbon Disulfide
Concen: 9.201 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

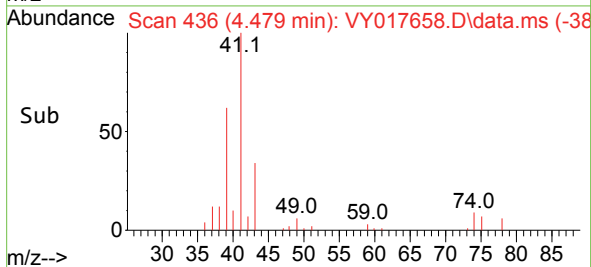
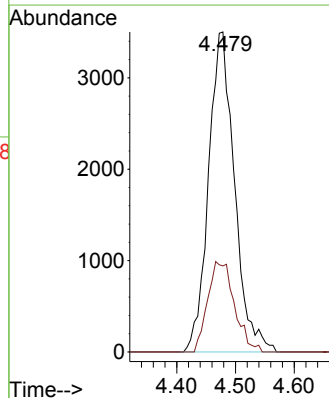
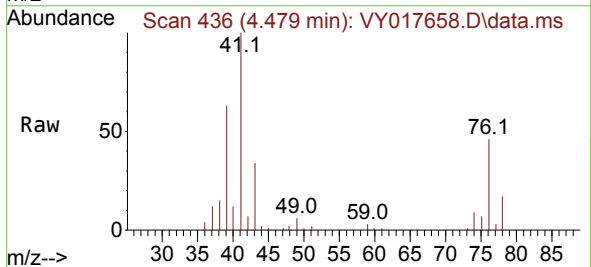
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

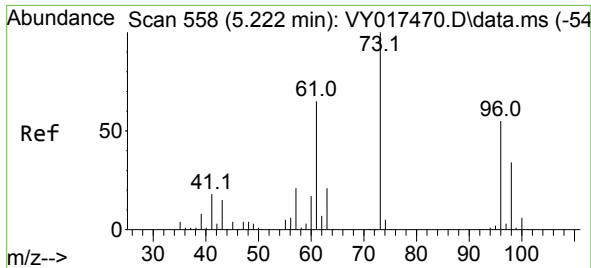
Tgt Ion: 76 Resp: 44160
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 14.247 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 43 Resp: 10754
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 16.400 ug/l

RT: 5.222 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

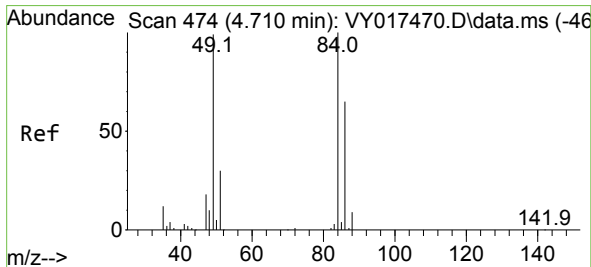
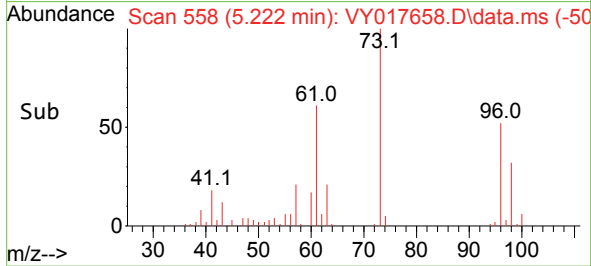
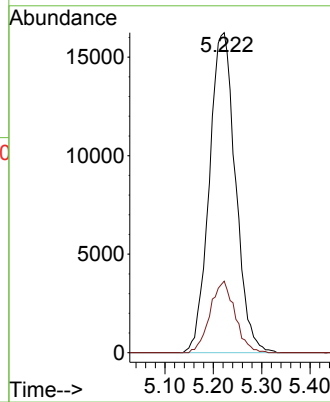
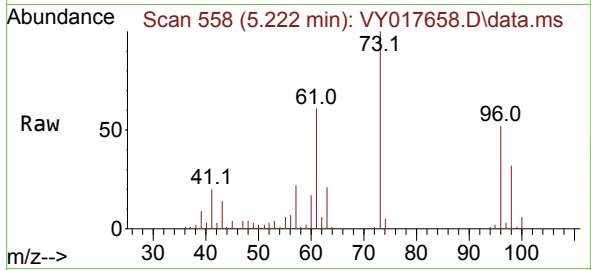
VY0314SBS01

Tgt Ion: 73 Resp: 61119

Ion Ratio Lower Upper

73 100

57 22.3 17.3 25.9



#20

Methylene Chloride

Concen: 16.164 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Tgt Ion: 84 Resp: 36325

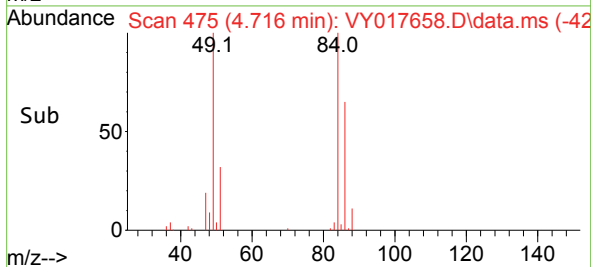
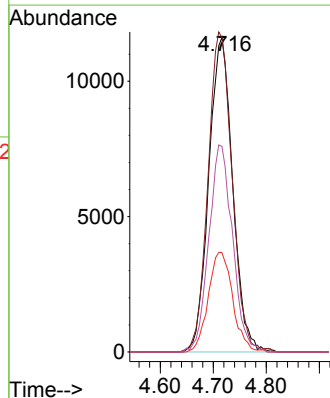
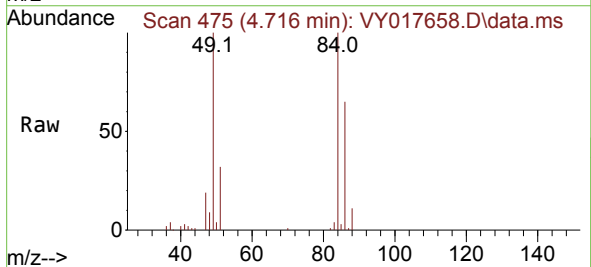
Ion Ratio Lower Upper

84 100

49 99.9 84.4 126.6

51 31.6 26.0 39.0

86 65.4 49.5 74.3

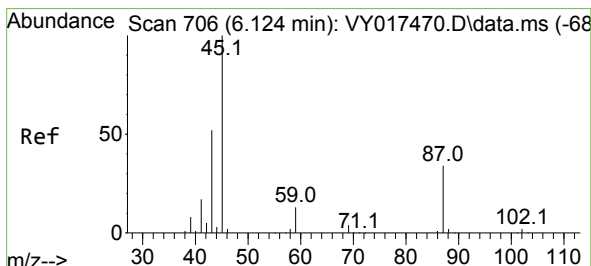
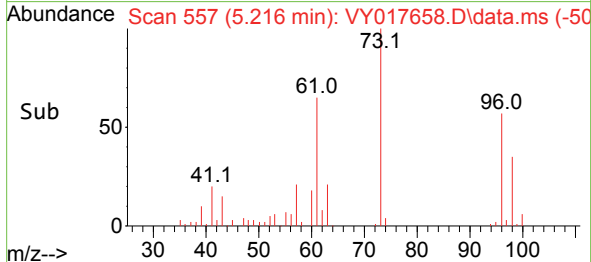
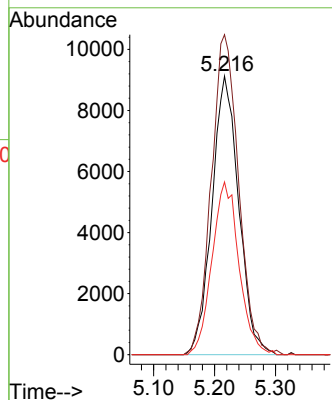
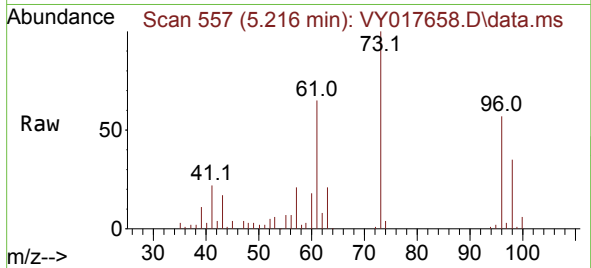




#21
trans-1,2-Dichloroethene
Concen: 14.872 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

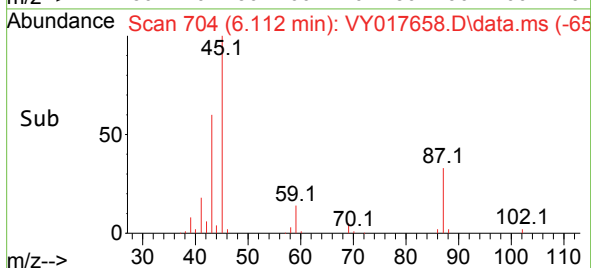
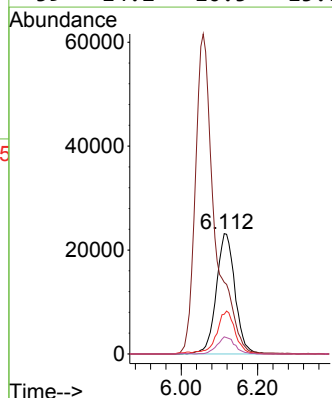
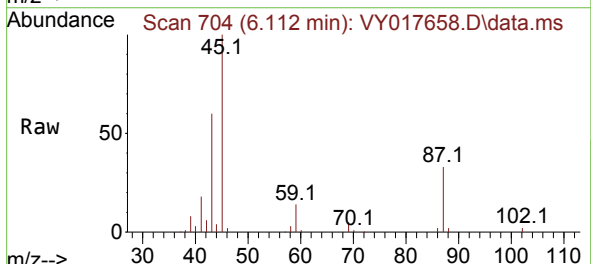
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

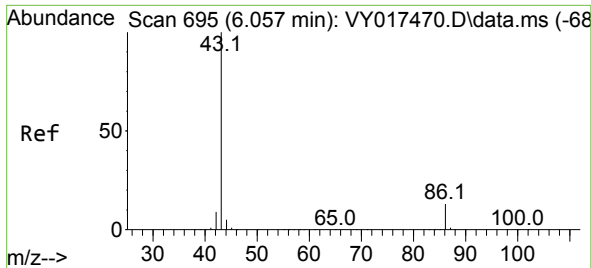
Tgt Ion: 96 Resp: 27842
Ion Ratio Lower Upper
96 100
61 114.9 97.5 146.3
98 62.0 50.5 75.7



#22
Diisopropyl ether
Concen: 17.642 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 45 Resp: 78652
Ion Ratio Lower Upper
45 100
43 59.0 42.2 63.2
87 32.9 25.0 37.6
59 14.2 10.5 15.7

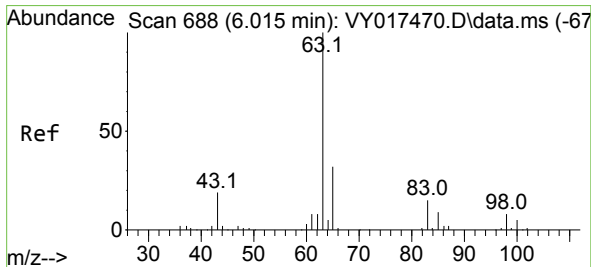
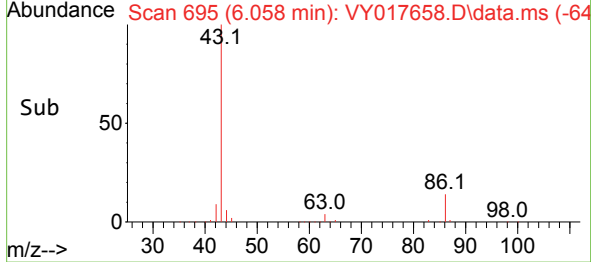
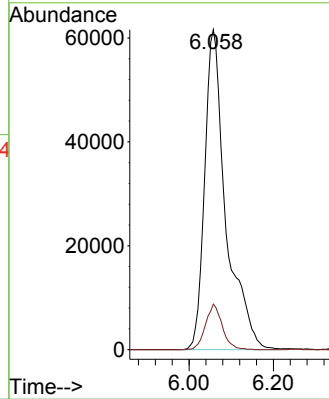
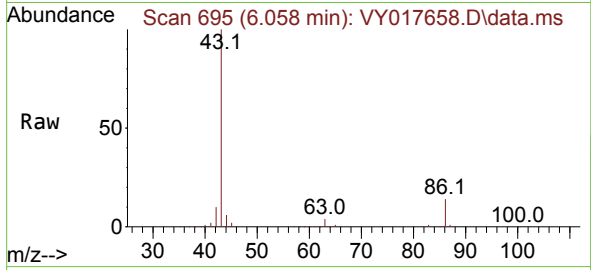




#23
 Vinyl Acetate
 Concen: 81.161 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

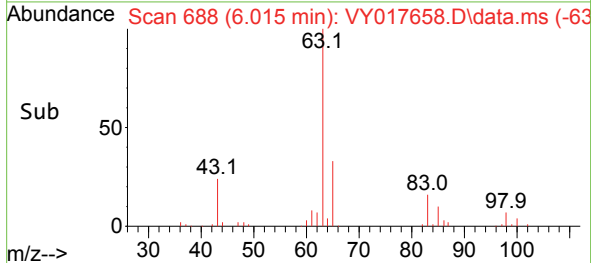
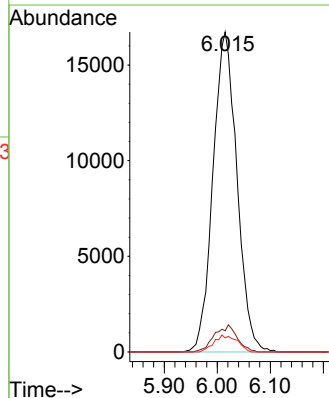
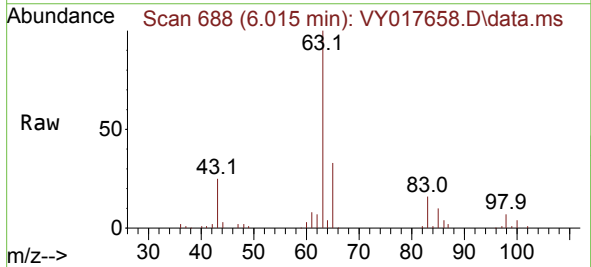
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Tgt Ion: 43 Resp: 215616
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.216 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

Tgt Ion: 63 Resp: 52438
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 84.488 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

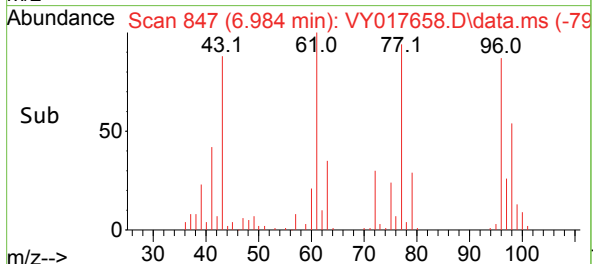
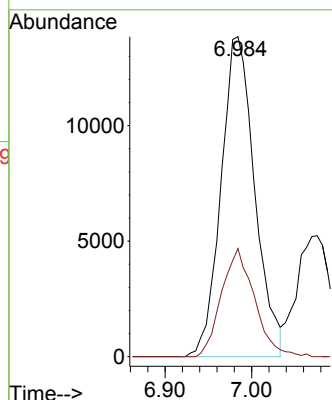
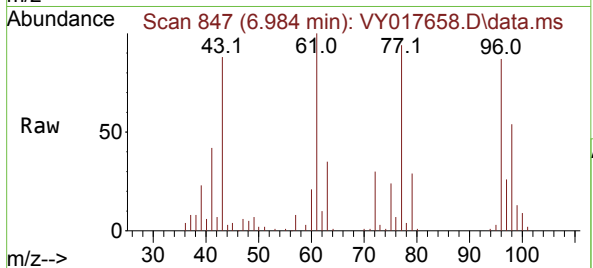
VY0314SBS01

Tgt Ion: 43 Resp: 37463

Ion Ratio Lower Upper

43 100

72 33.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.931 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017658.D

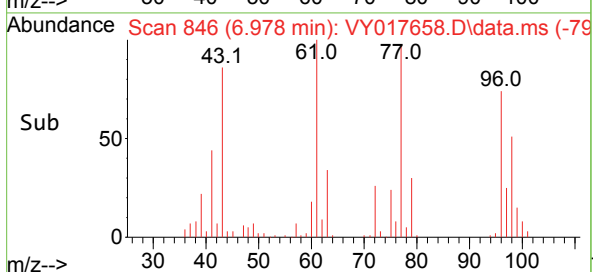
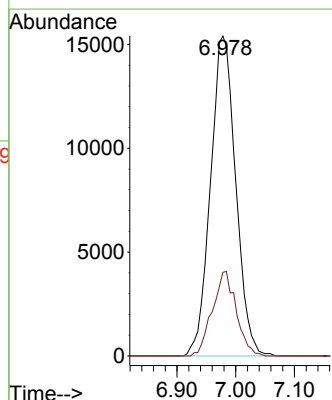
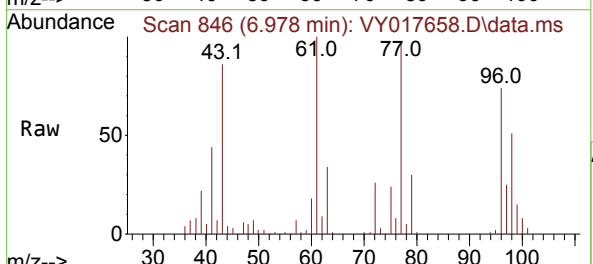
Acq: 14 Mar 2024 11:47

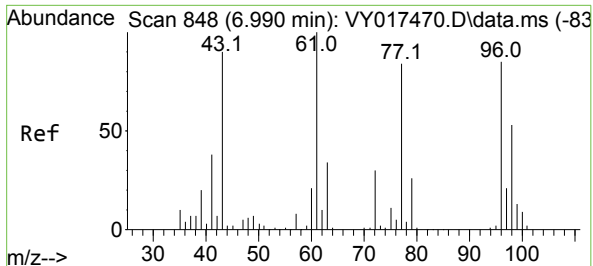
Tgt Ion: 77 Resp: 45917

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.117 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

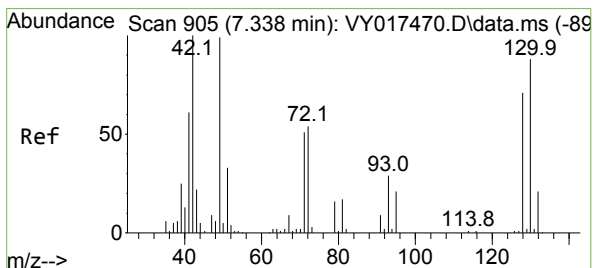
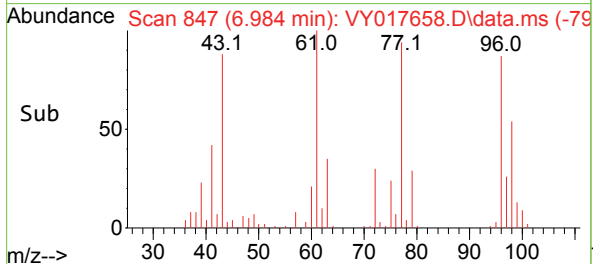
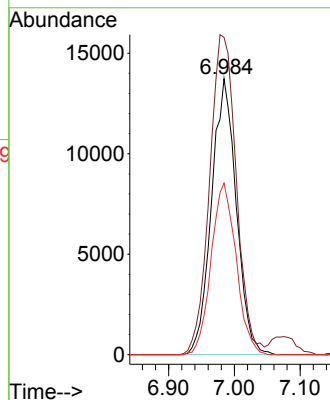
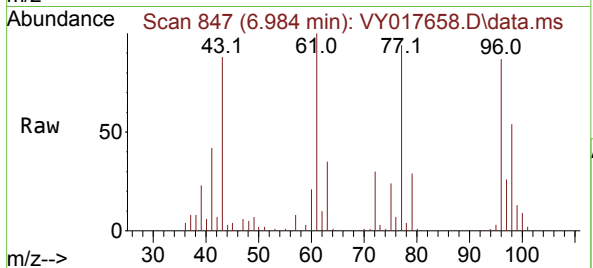
Tgt Ion: 96 Resp: 35981

Ion Ratio Lower Upper

96 100

61 125.4 0.0 256.2

98 62.8 0.0 130.0



#28

Bromochloromethane

Concen: 15.716 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

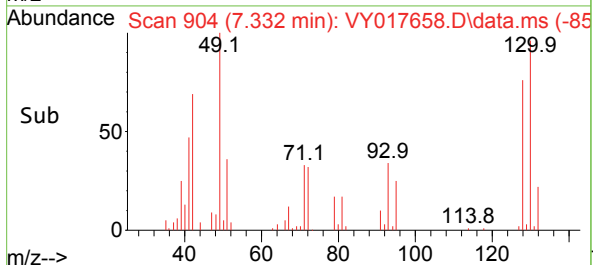
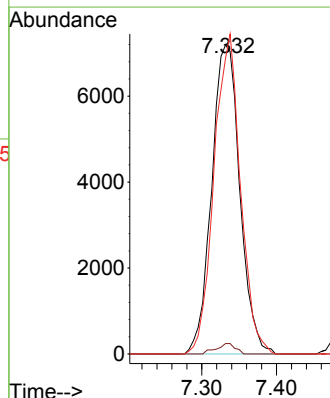
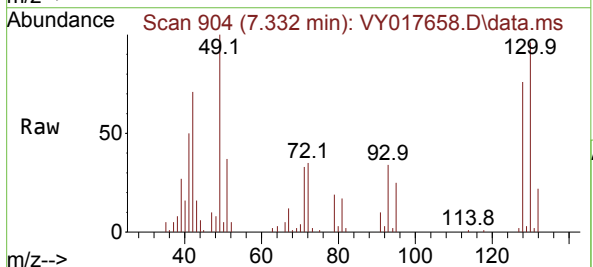
Tgt Ion: 49 Resp: 18852

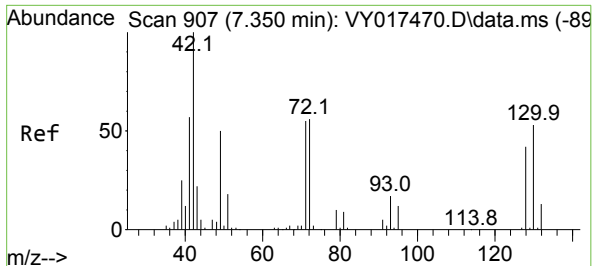
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 97.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 76.309 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

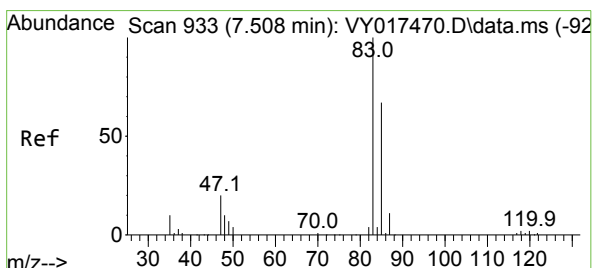
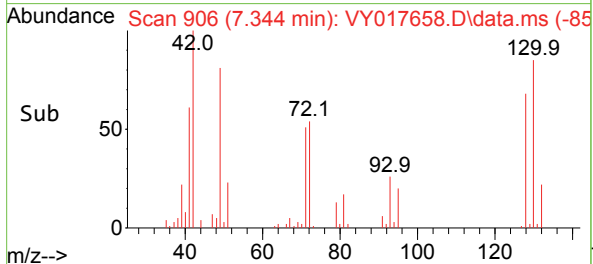
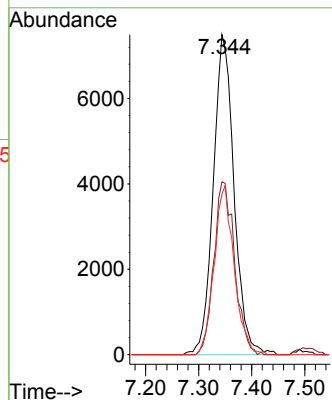
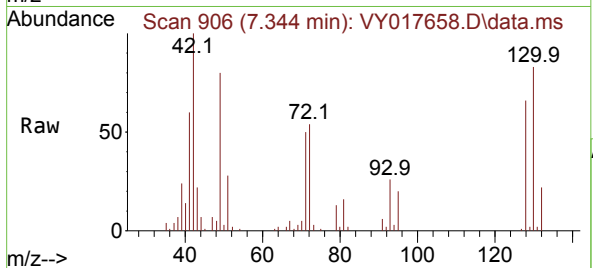
Tgt Ion: 42 Resp: 20397

Ion Ratio Lower Upper

42 100

72 53.9 43.0 64.4

71 50.9 40.8 61.2



#30

Chloroform

Concen: 18.096 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017658.D

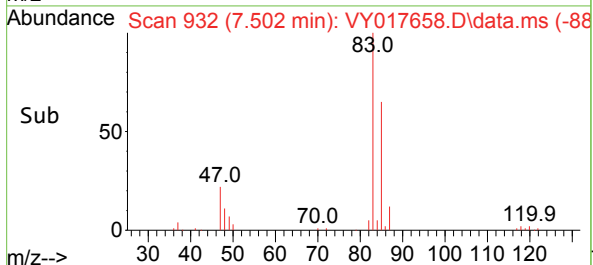
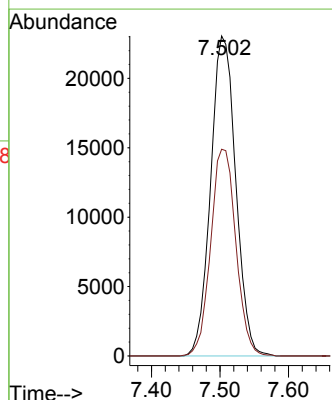
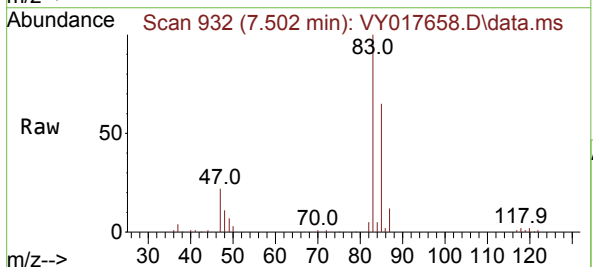
Acq: 14 Mar 2024 11:47

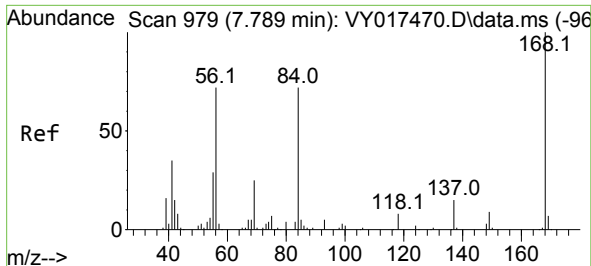
Tgt Ion: 83 Resp: 58683

Ion Ratio Lower Upper

83 100

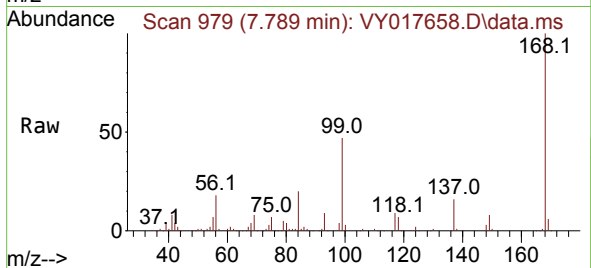
85 64.6 52.2 78.4



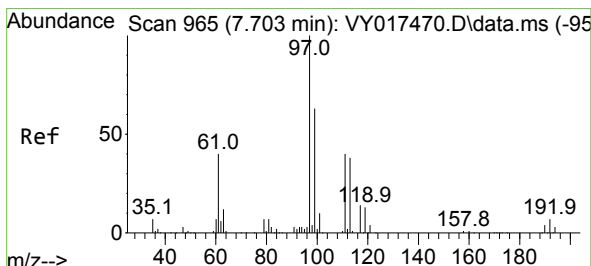
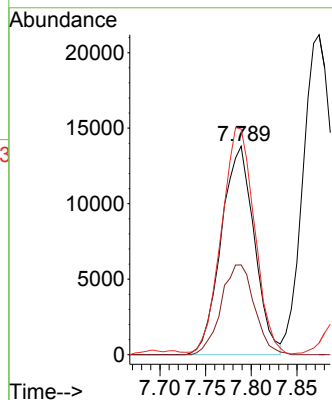
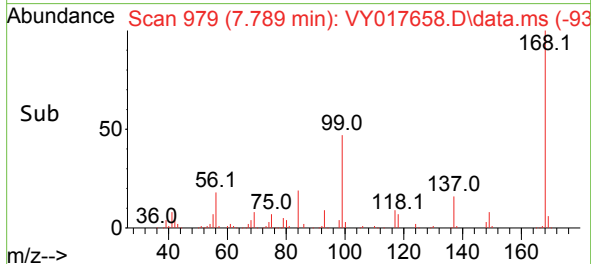


#31
Cyclohexane
Concen: 13.327 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

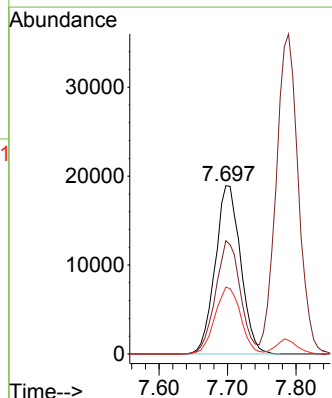
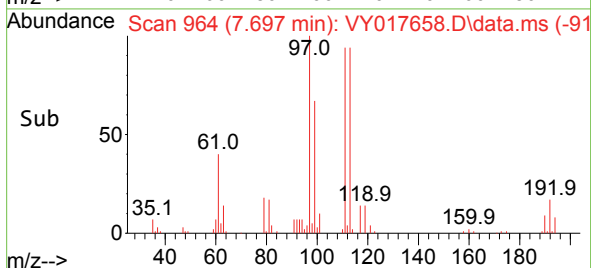
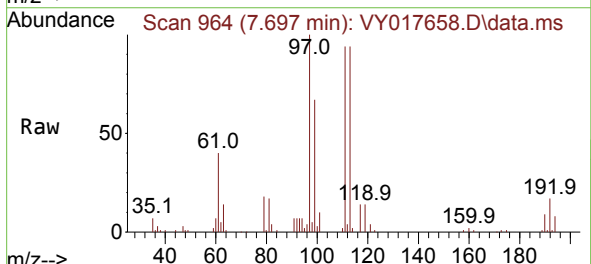


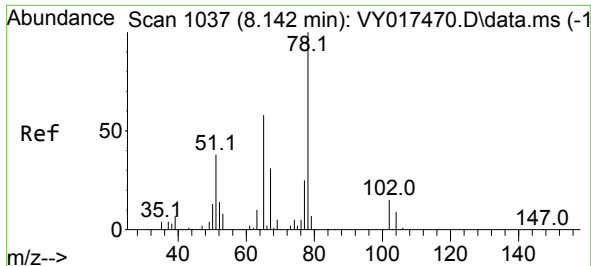
Tgt Ion: 56 Resp: 34792
Ion Ratio Lower Upper
56 100
69 43.1 28.7 43.1
84 107.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 17.286 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 97 Resp: 48667
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 40.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 41.775 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

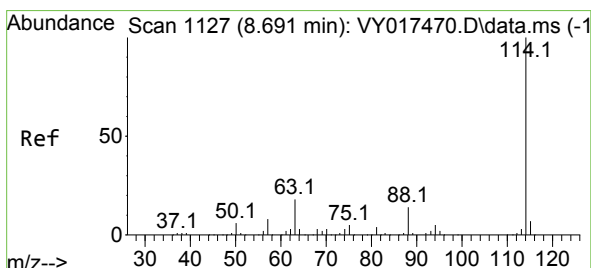
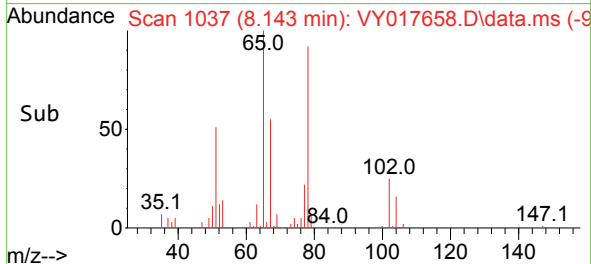
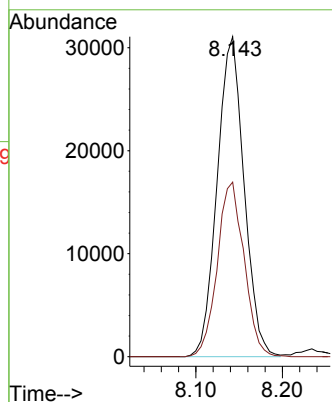
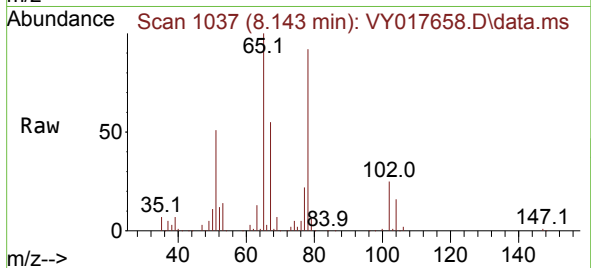
VY0314SBS01

Tgt Ion: 65 Resp: 67014

Ion Ratio Lower Upper

65 100

67 54.4 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: VY017658.D

Acq: 14 Mar 2024 11:47

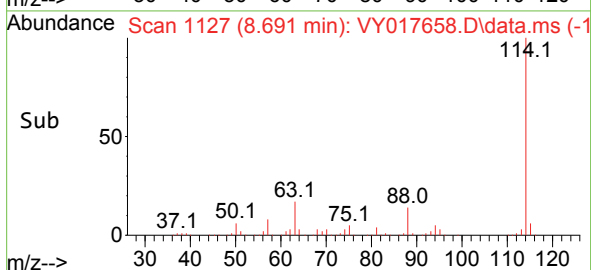
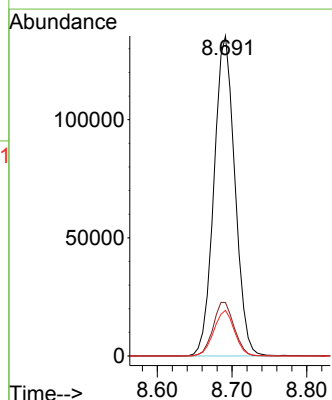
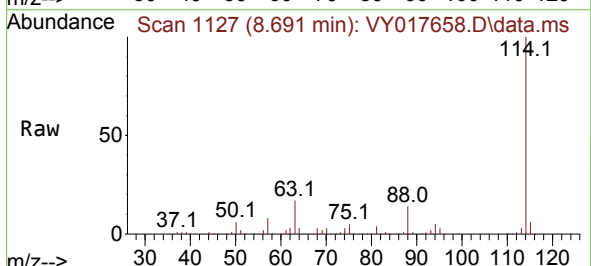
Tgt Ion: 114 Resp: 263687

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.2 0.0 27.2

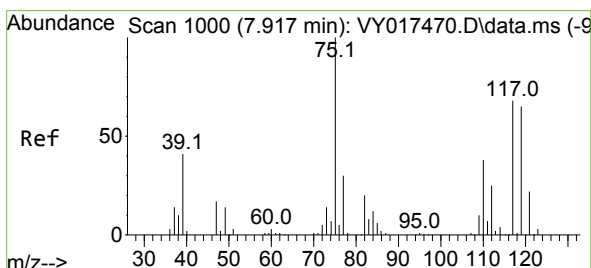
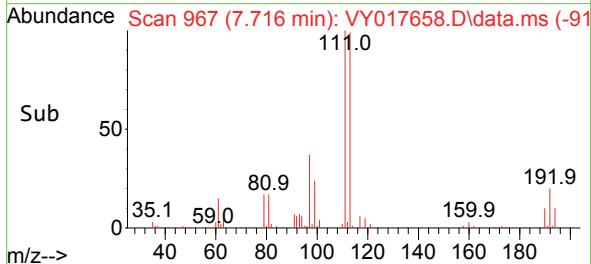
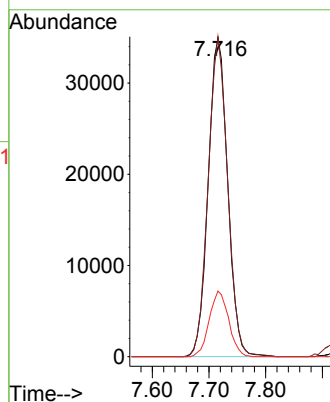
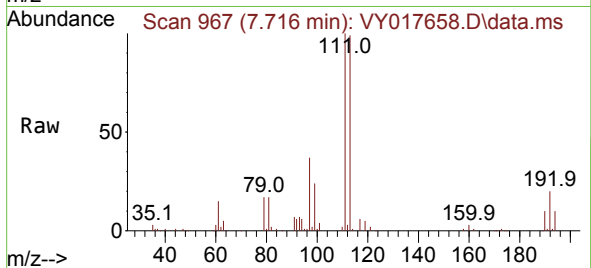




#35
Dibromofluoromethane
Concen: 45.381 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

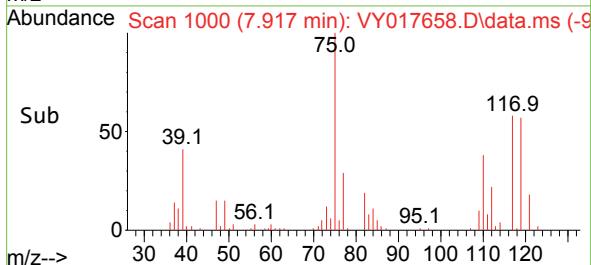
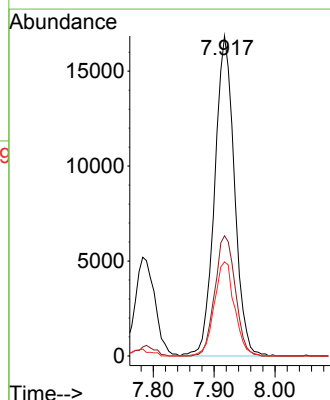
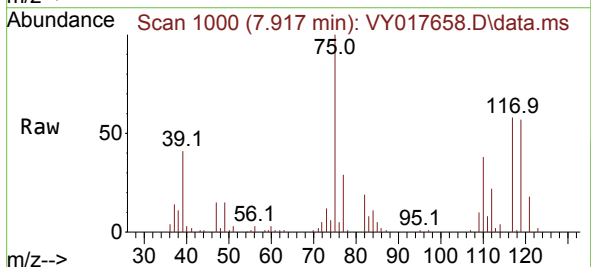
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

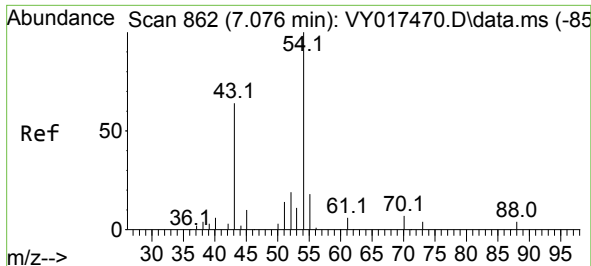
Tgt Ion:113 Resp: 83385
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 15.346 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 75 Resp: 38044
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 30.1 25.3 37.9

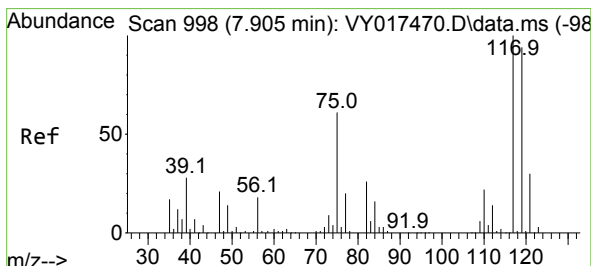
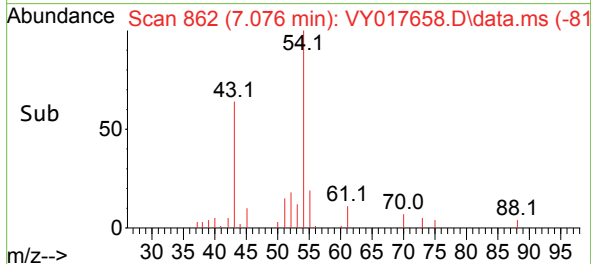
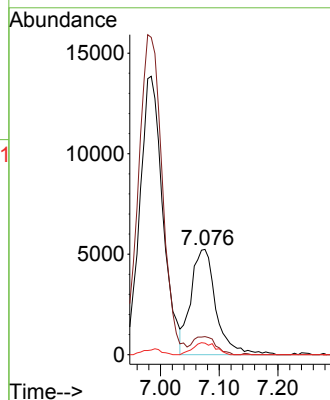
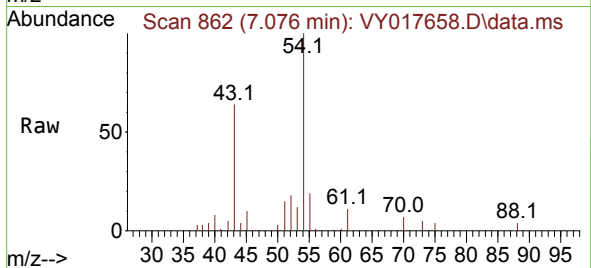




#37
Ethyl Acetate
Concen: 15.890 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

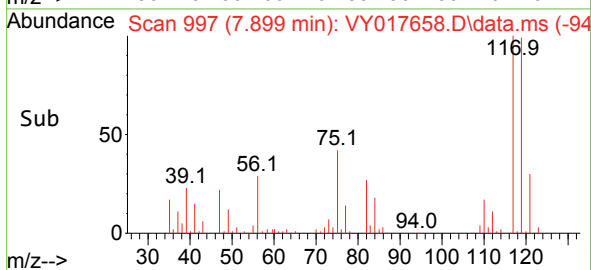
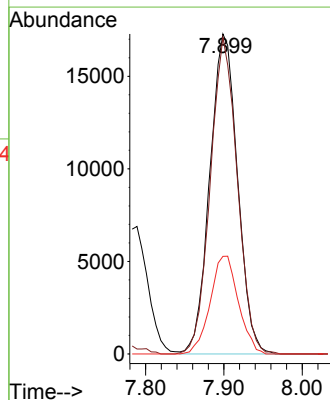
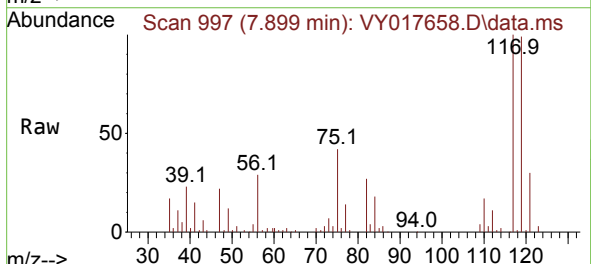
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Tgt Ion:	43	Resp:	15559
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.6	19.0
70	10.2	7.8	11.8



#38
Carbon Tetrachloride
Concen: 17.122 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:	117	Resp:	42542
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.8	113.6
121	30.5	24.0	36.0

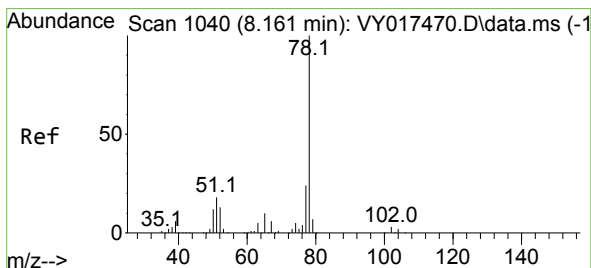
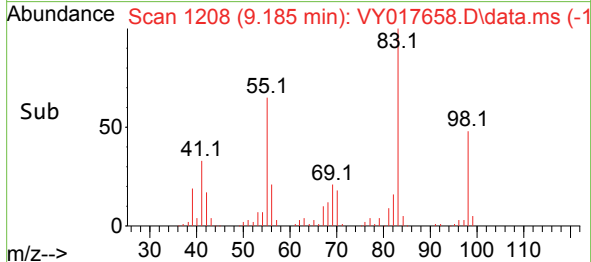
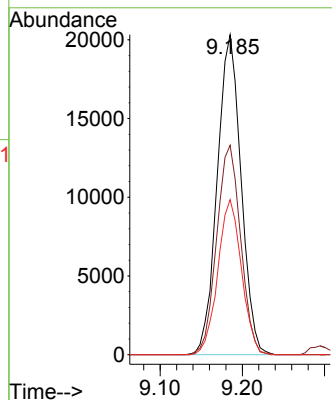
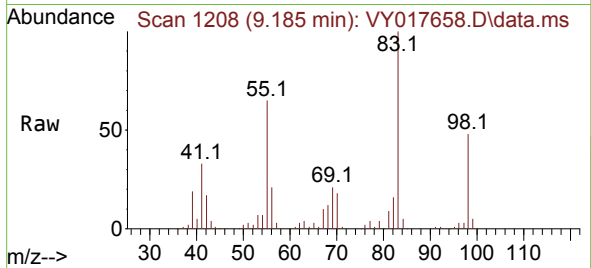




#39
Methylcyclohexane
Concen: 13.731 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

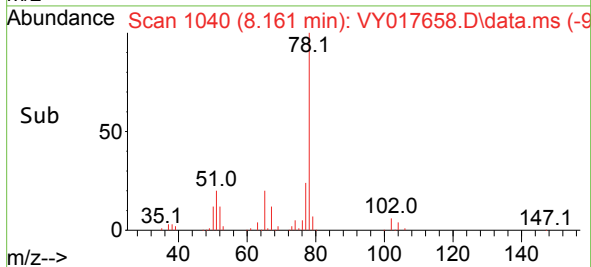
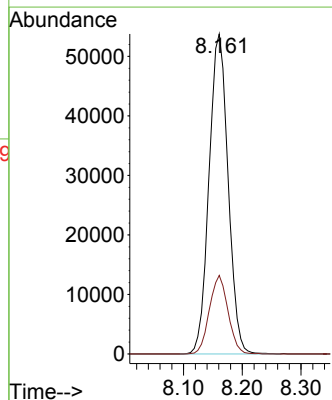
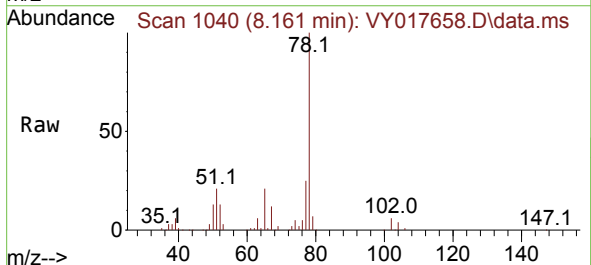
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

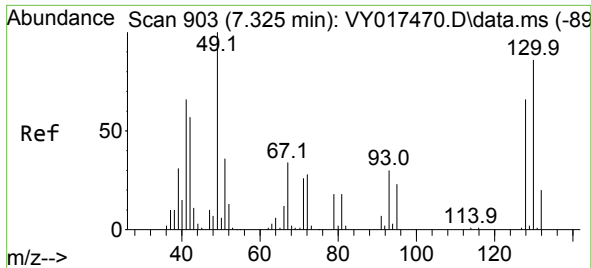
Tgt Ion: 83 Resp: 40911
Ion Ratio Lower Upper
83 100
55 65.5 51.5 77.3
98 48.5 40.5 60.7



#40
Benzene
Concen: 16.430 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 78 Resp: 120966
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

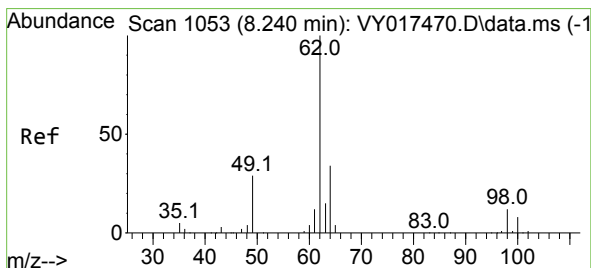
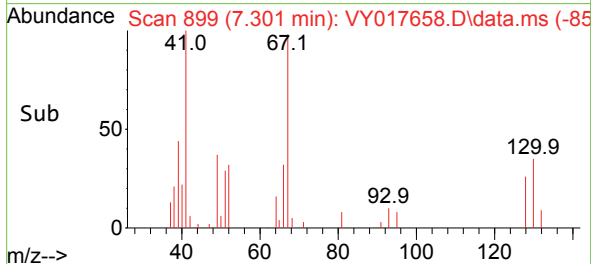
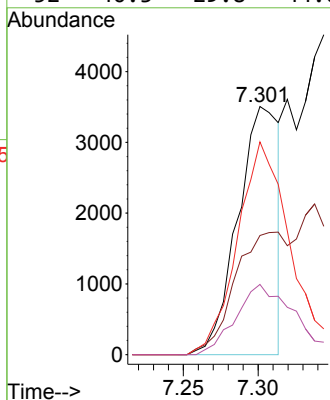
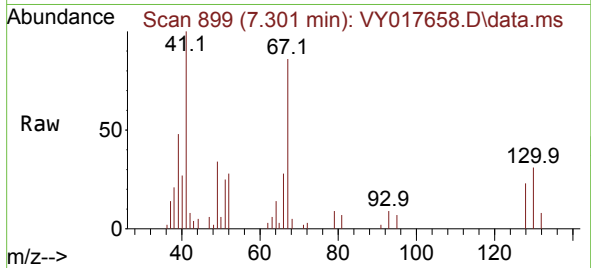




#41
Methacrylonitrile
Concen: 13.701 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.024 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

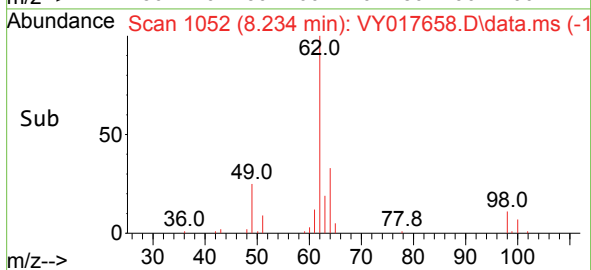
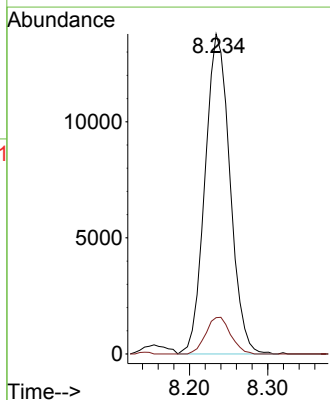
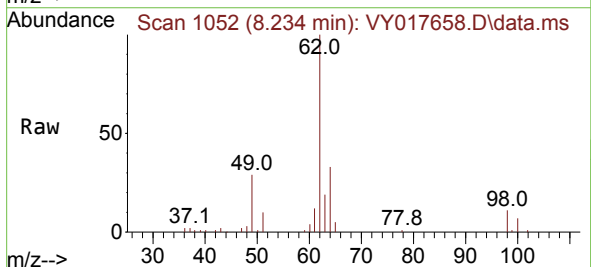
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

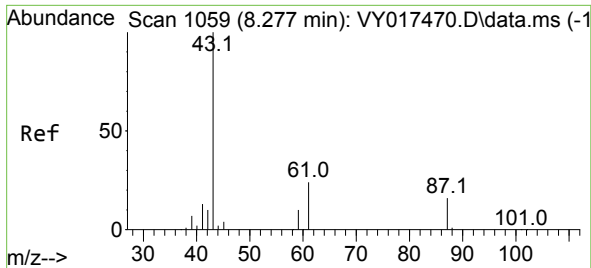
Tgt Ion:	41	Resp:	6732
Ion	Ratio	Lower	Upper
41	100		
39	62.5	48.0	72.0
67	110.2	75.1	112.7
52	40.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 16.967 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:	62	Resp:	30478
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

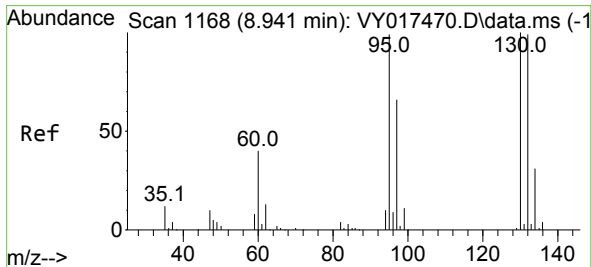
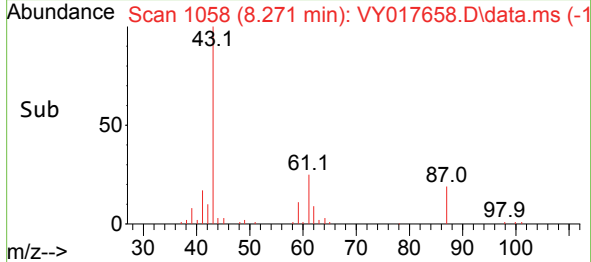
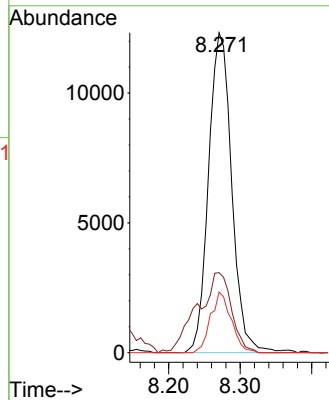
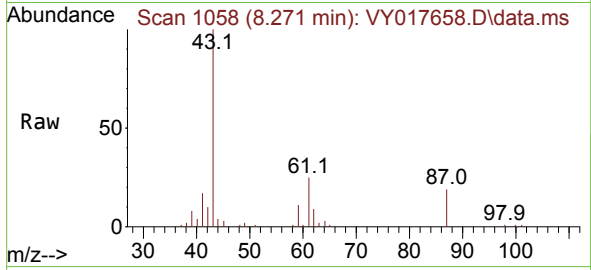




#43
Isopropyl Acetate
Concen: 16.100 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

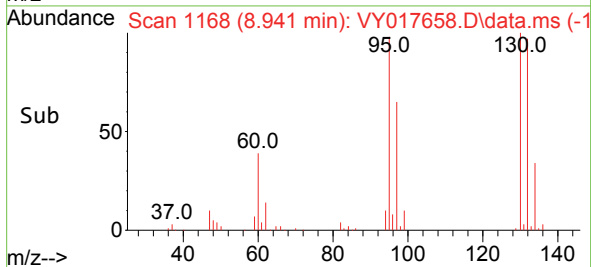
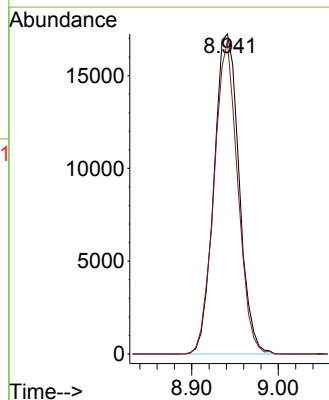
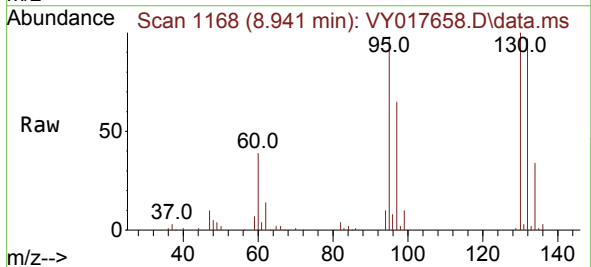
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

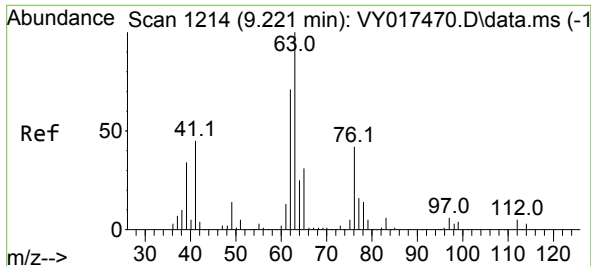
Tgt Ion:	43	Resp:	27702
Ion	Ratio	Lower	Upper
43	100		
61	36.4	27.9	41.9
87	16.9	13.1	19.7



#44
Trichloroethene
Concen: 16.329 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:	130	Resp:	34652
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 17.268 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

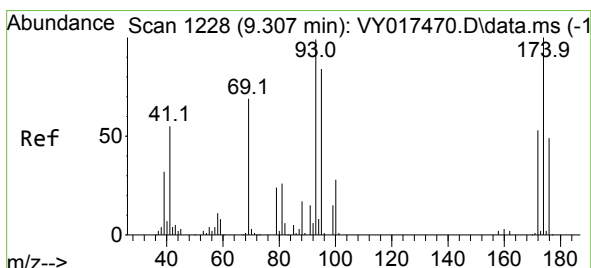
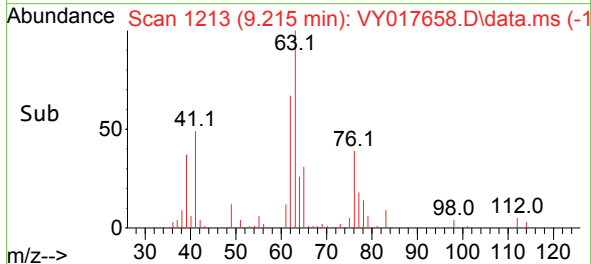
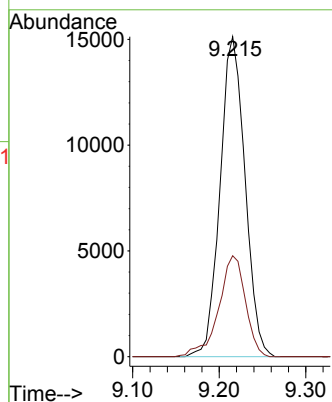
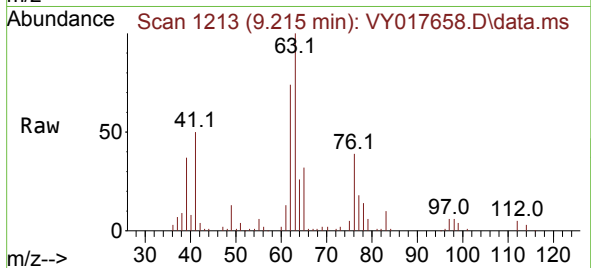
VY0314SBS01

Tgt Ion: 63 Resp: 30247

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 16.093 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

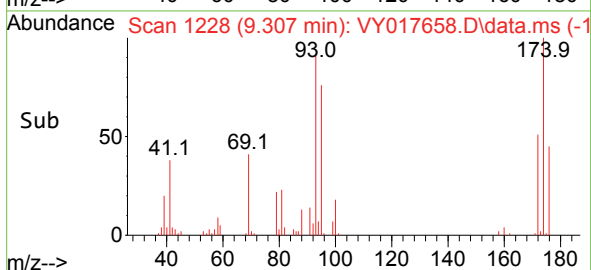
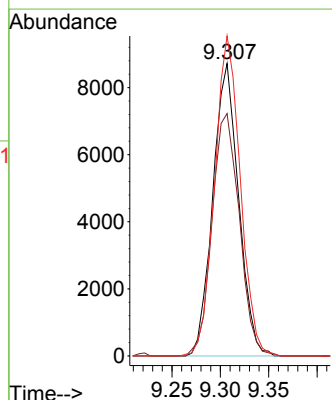
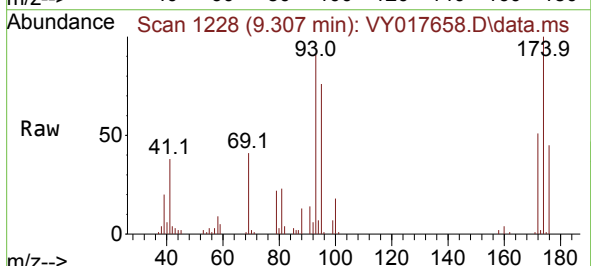
Tgt Ion: 93 Resp: 16132

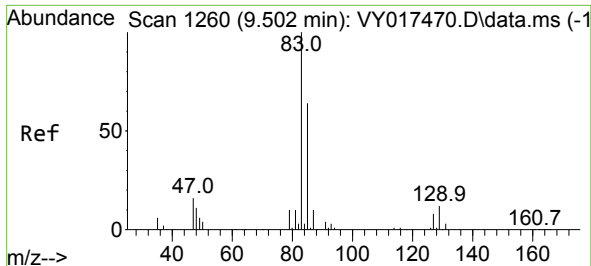
Ion Ratio Lower Upper

93 100

95 87.6 66.2 99.4

174 109.6 80.9 121.3

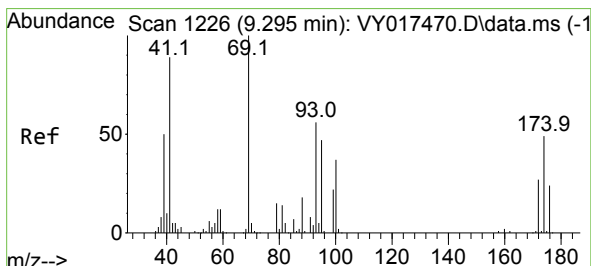
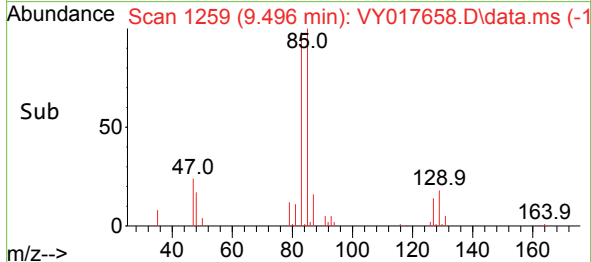
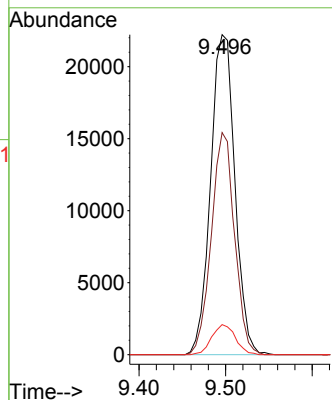
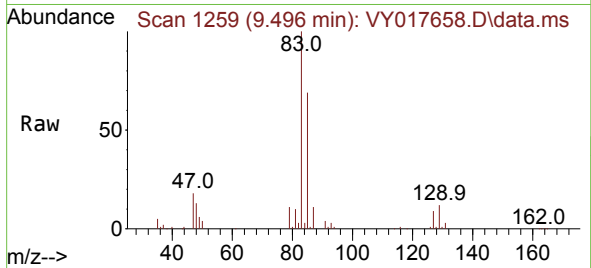




#47
Bromodichloromethane
Concen: 17.773 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

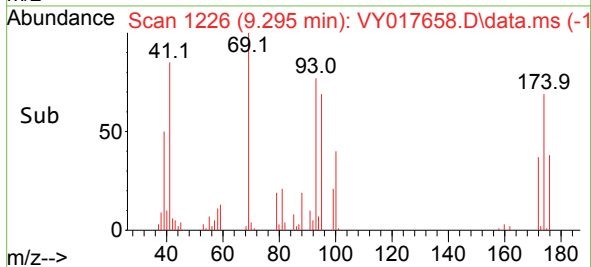
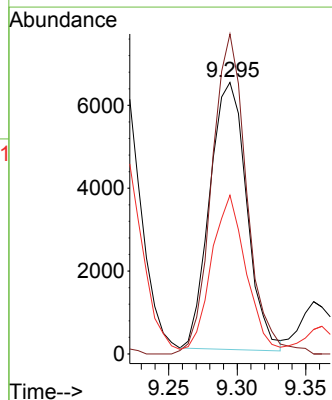
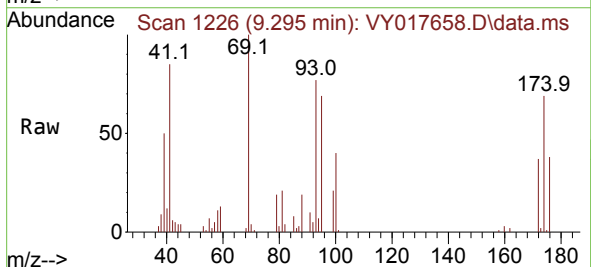
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

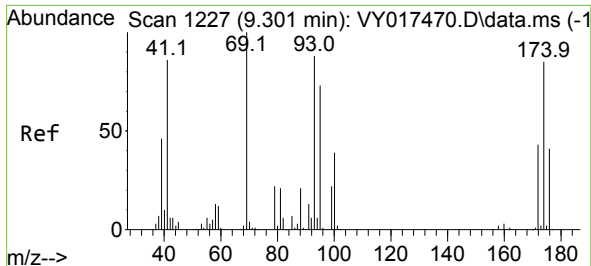
Tgt Ion: 83 Resp: 43259
Ion Ratio Lower Upper
83 100
85 69.4 50.1 75.1
127 9.4 7.4 11.0



#48
Methyl methacrylate
Concen: 15.186 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 41 Resp: 12095
Ion Ratio Lower Upper
41 100
69 113.0 84.1 126.1
39 56.6 43.6 65.4





#49

1,4-Dioxane

Concen: 313.357 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

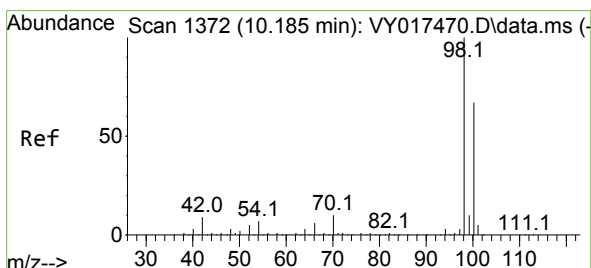
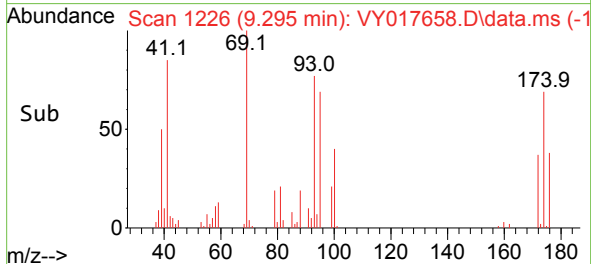
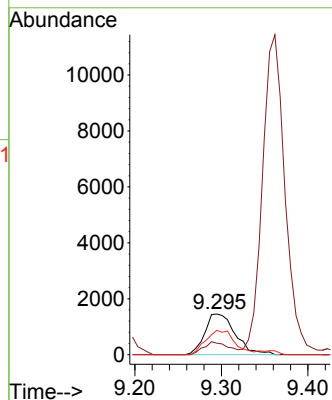
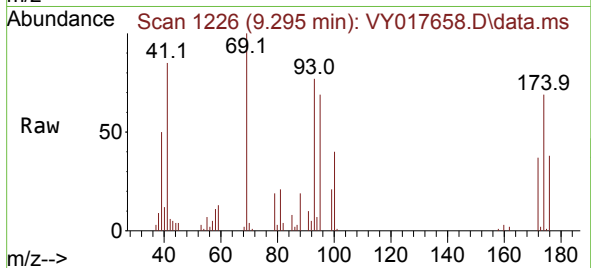
Tgt Ion: 88 Resp: 3555

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 56.8 49.3 73.9



#50

Toluene-d8

Concen: 46.585 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017658.D

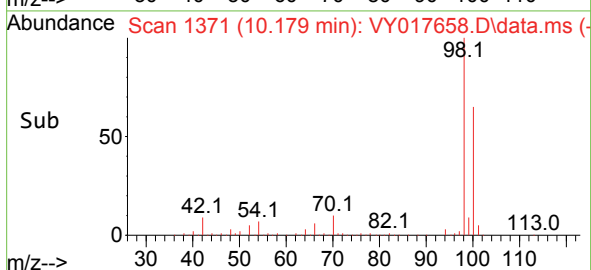
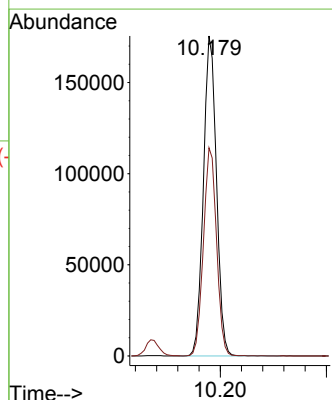
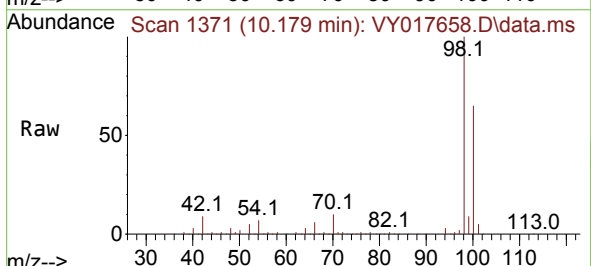
Acq: 14 Mar 2024 11:47

Tgt Ion: 98 Resp: 299279

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

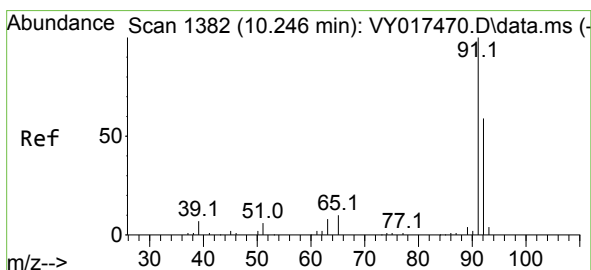
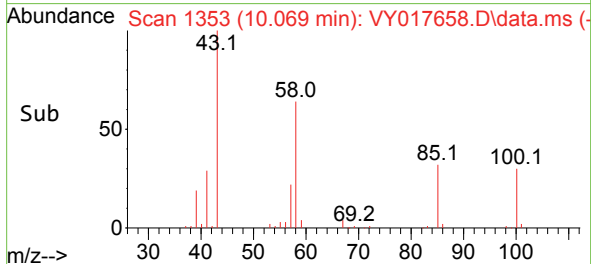
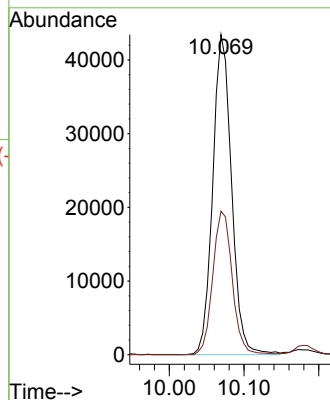
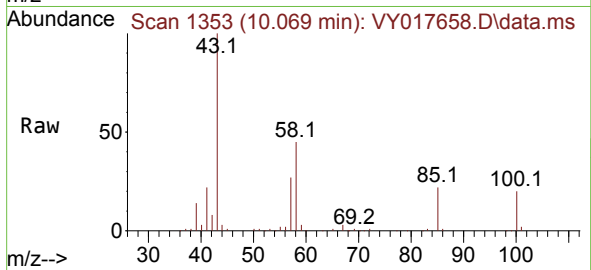




#51
4-Methyl-2-Pentanone
Concen: 79.217 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

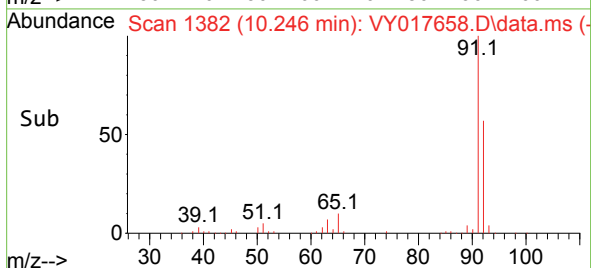
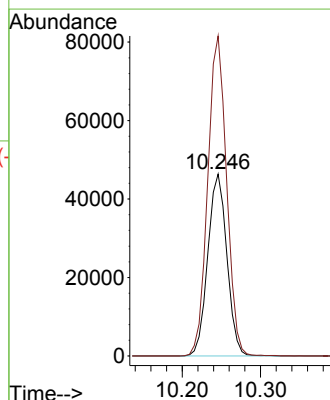
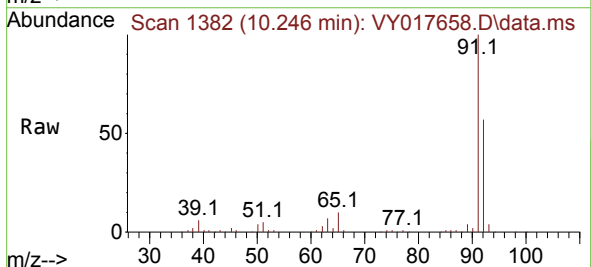
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

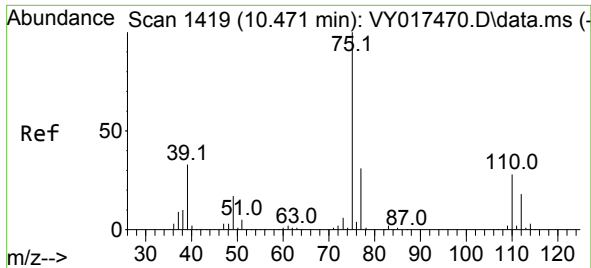
Tgt Ion: 43 Resp: 75966
Ion Ratio Lower Upper
43 100
58 46.3 35.7 53.5



#52
Toluene
Concen: 16.882 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 92 Resp: 78354
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.6

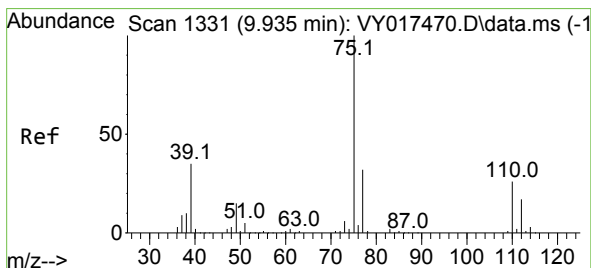
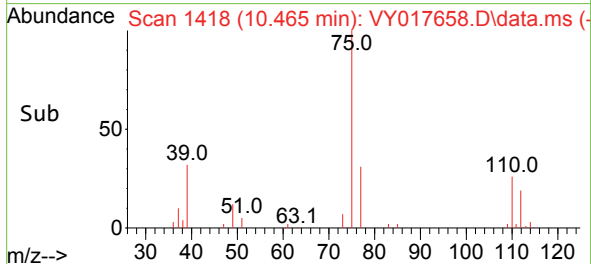
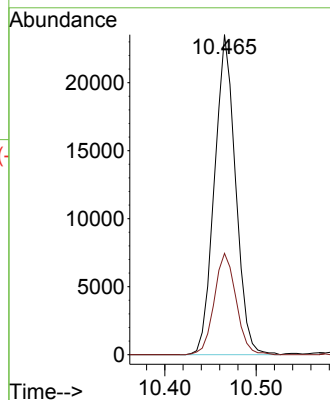
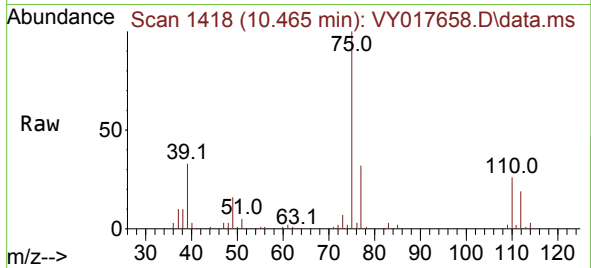




#53
 t-1,3-Dichloropropene
 Concen: 16.740 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

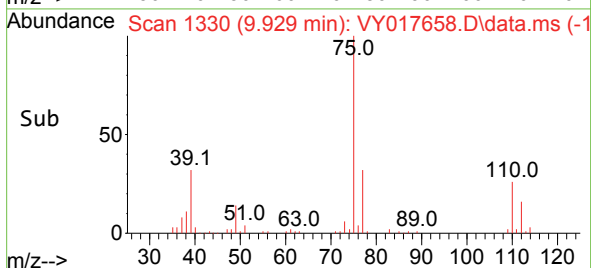
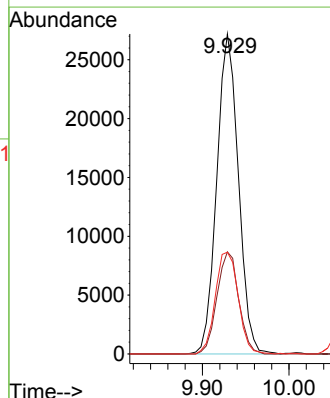
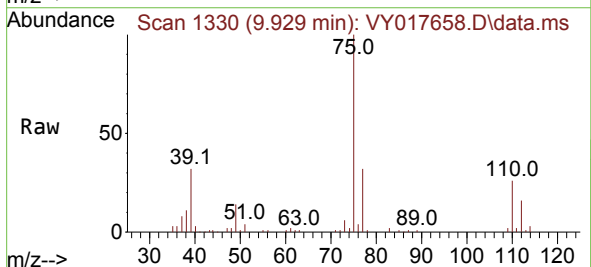
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

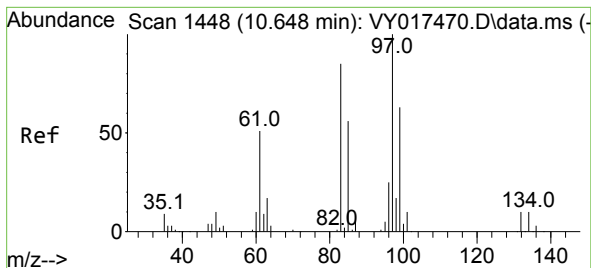
Tgt Ion: 75 Resp: 37819
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 17.173 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017658.D
 Acq: 14 Mar 2024 11:47

Tgt Ion: 75 Resp: 47143
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 31.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 17.534 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

Tgt Ion: 97 Resp: 24956

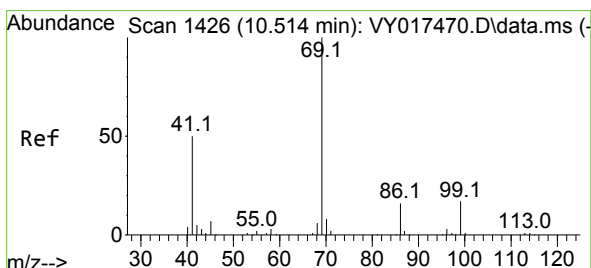
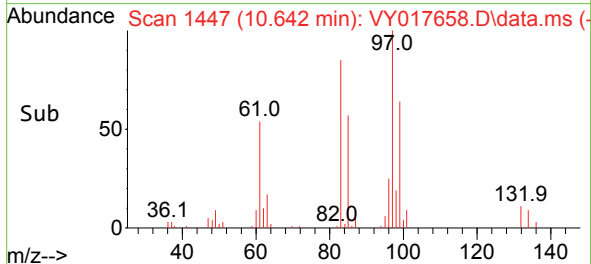
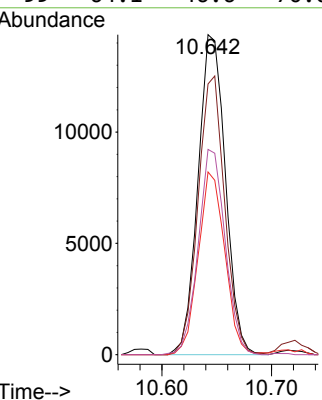
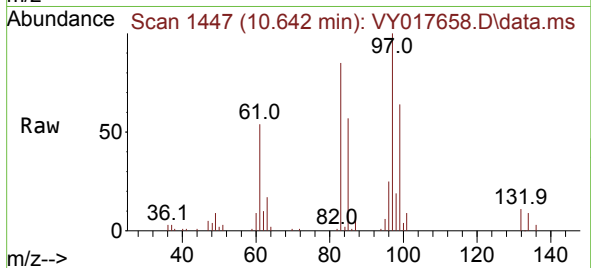
Ion Ratio Lower Upper

97 100

83 84.6 67.5 101.3

85 57.1 42.9 64.3

99 64.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 16.504 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

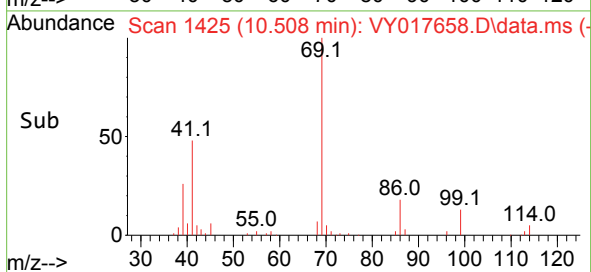
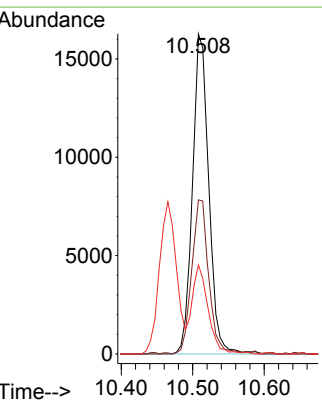
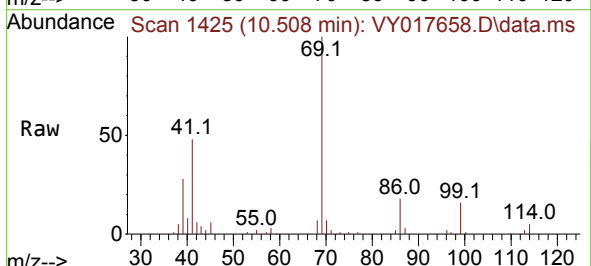
Tgt Ion: 69 Resp: 25763

Ion Ratio Lower Upper

69 100

41 50.8 42.3 63.5

39 27.6 22.9 34.3

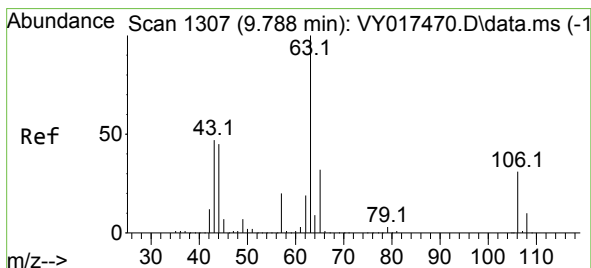
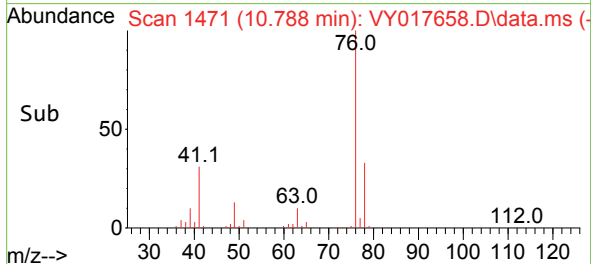
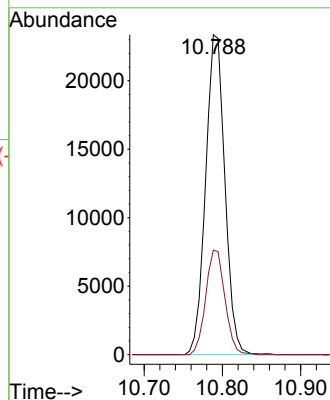
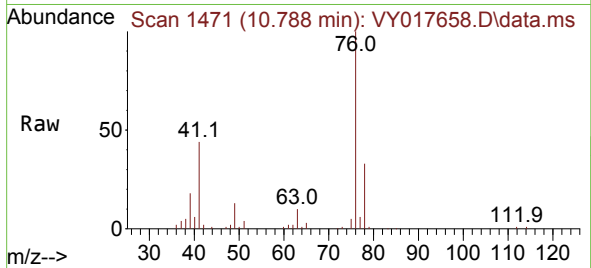




#57
1,3-Dichloropropane
Concen: 17.262 ug/l
RT: 10.788 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

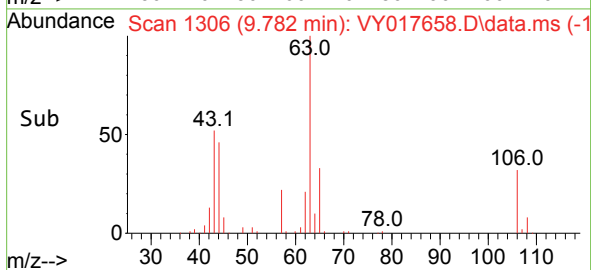
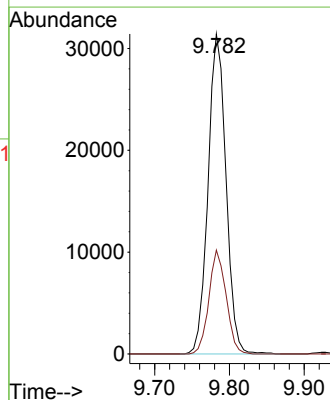
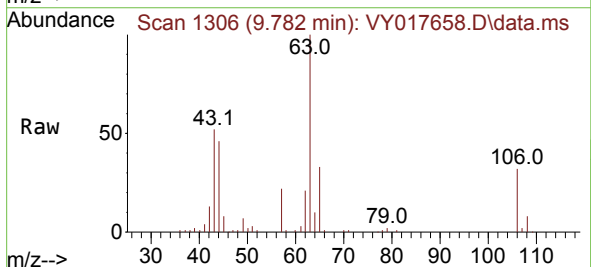
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

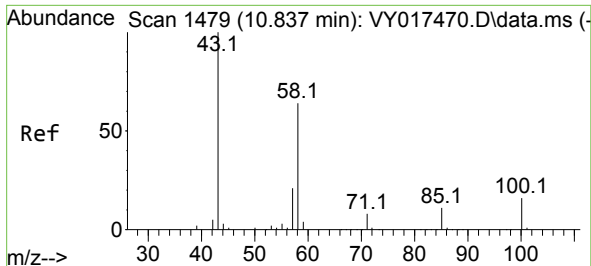
Tgt Ion: 76 Resp: 39945
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 63.757 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 63 Resp: 52364
Ion Ratio Lower Upper
63 100
106 31.1 23.7 35.5

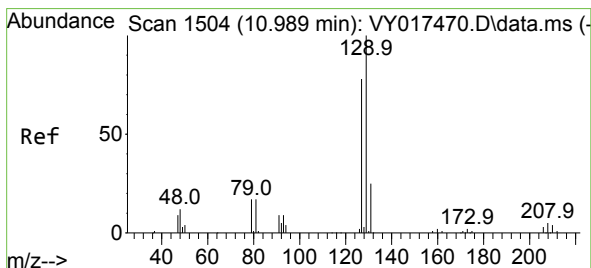
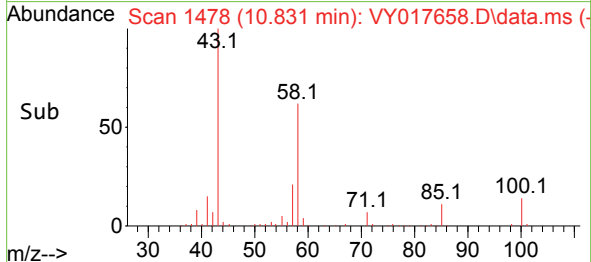
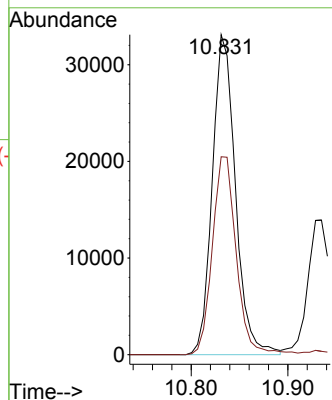
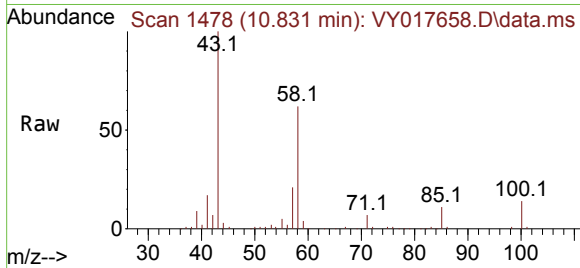




#59
2-Hexanone
Concen: 83.565 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

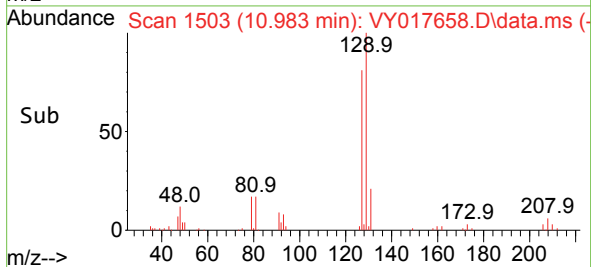
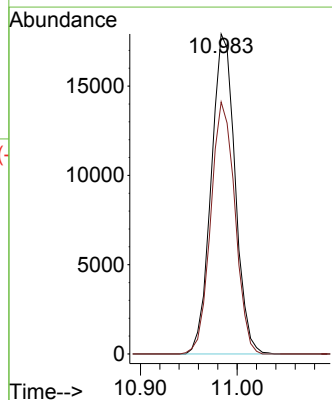
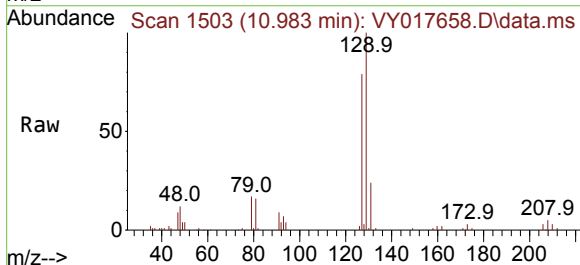
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

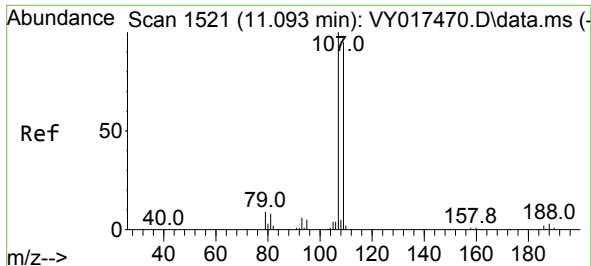
Tgt Ion: 43 Resp: 55044
Ion Ratio Lower Upper
43 100
58 64.1 31.4 94.0



#60
Dibromochloromethane
Concen: 18.202 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 129 Resp: 30648
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0

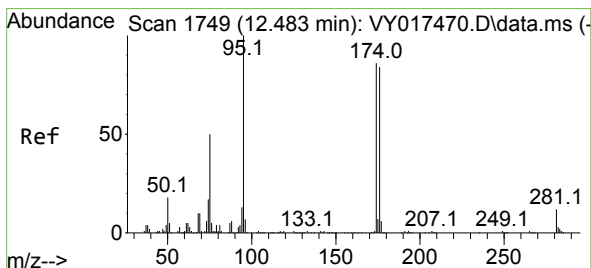
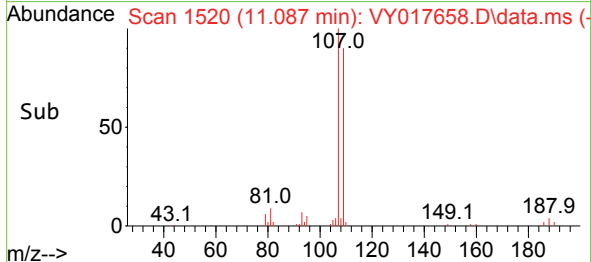
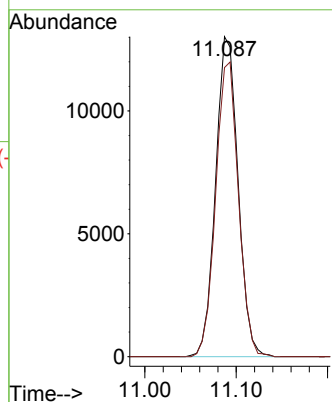
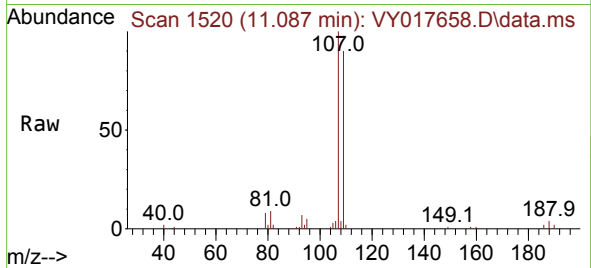




#61
1,2-Dibromoethane
Concen: 16.960 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

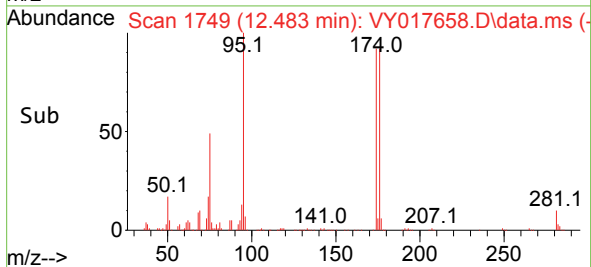
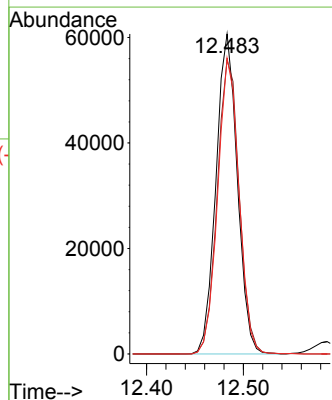
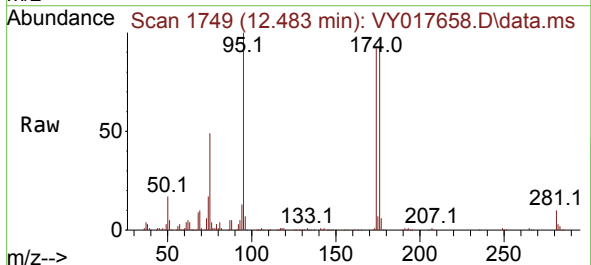
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

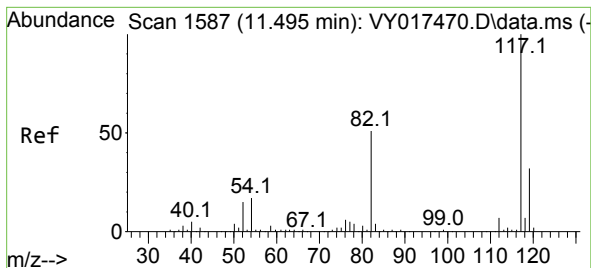
Tgt Ion:107 Resp: 22245
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 95 Resp: 92870
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 92.0 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: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

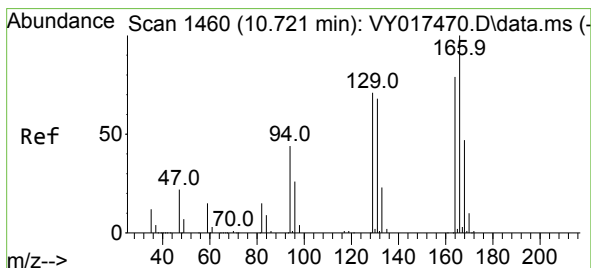
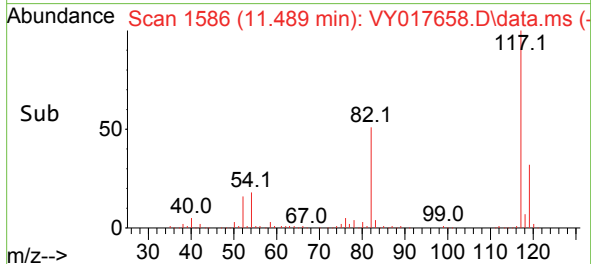
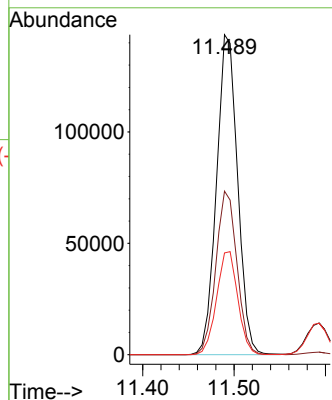
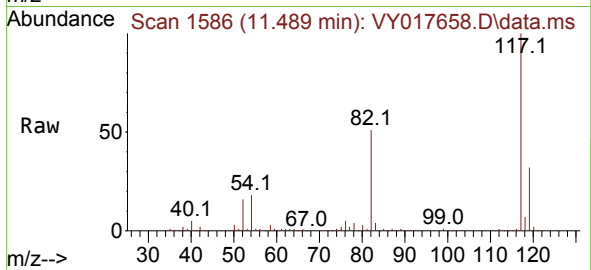
Tgt Ion:117 Resp: 230620

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 16.280 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Tgt Ion:164 Resp: 36037

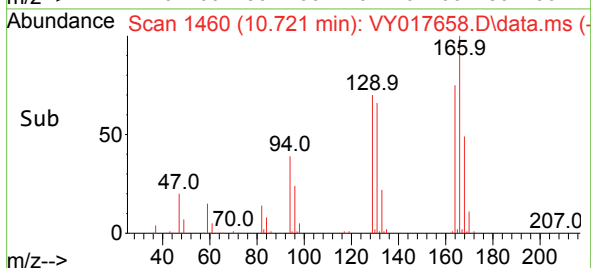
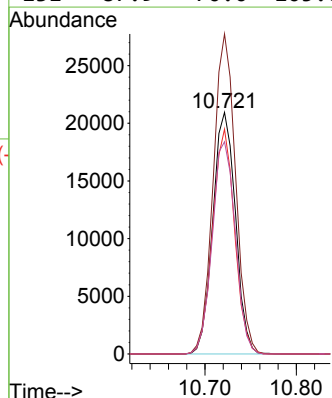
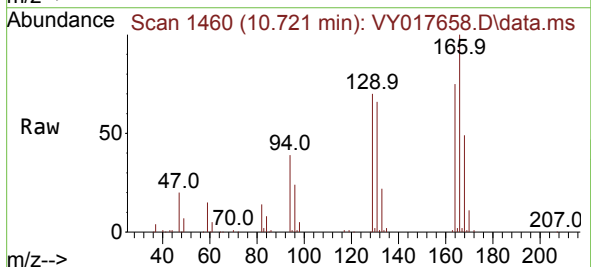
Ion Ratio Lower Upper

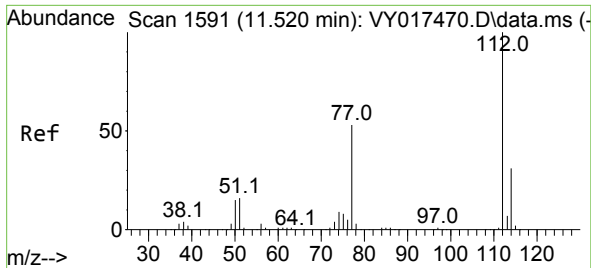
164 100

166 132.5 102.6 154.0

129 93.1 72.0 108.0

131 87.9 70.0 105.0

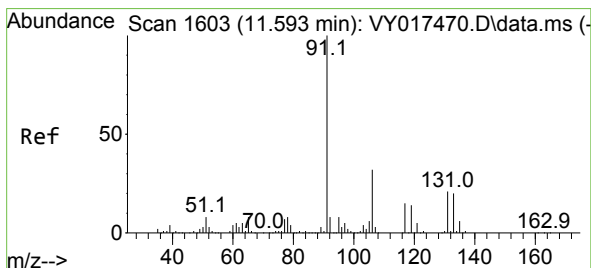
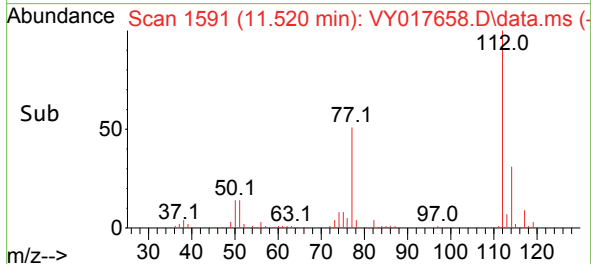
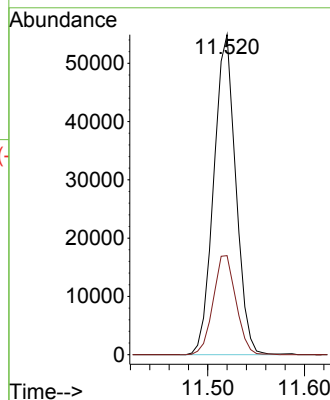
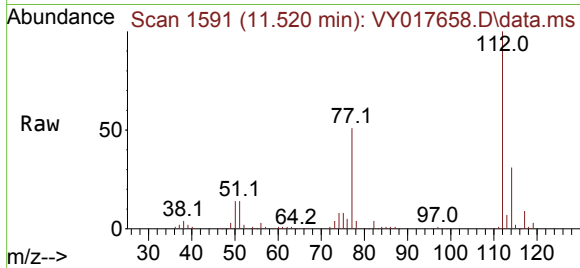




#65
Chlorobenzene
Concen: 17.735 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

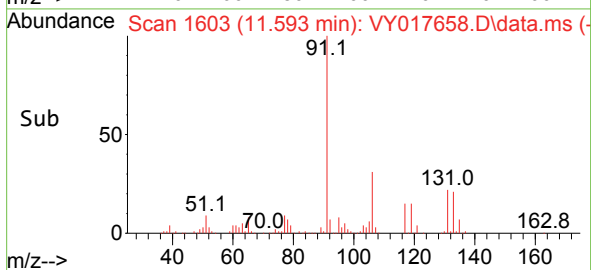
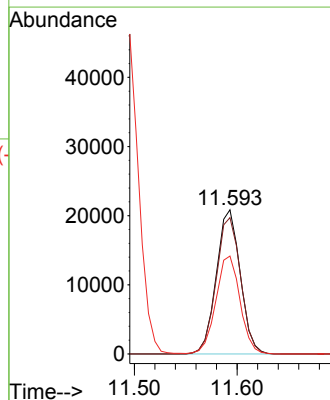
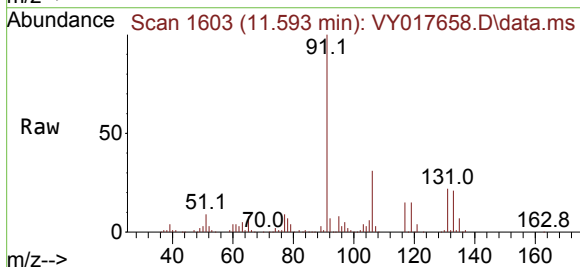
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

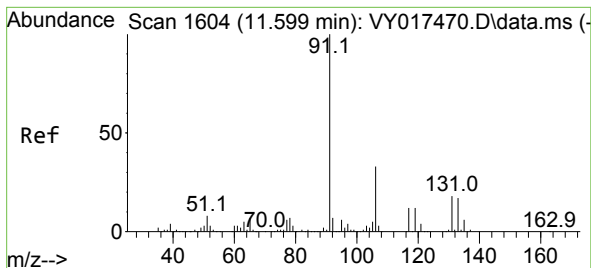
Tgt Ion:112 Resp: 86815
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.356 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:131 Resp: 33663
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 68.6 34.1 102.2





#67

Ethyl Benzene

Concen: 17.135 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

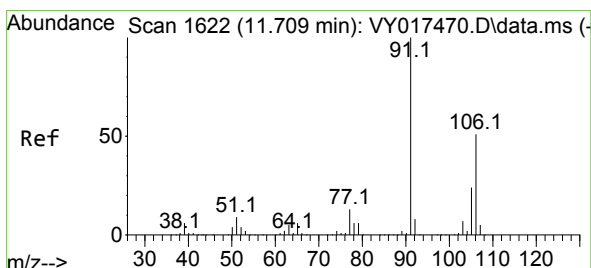
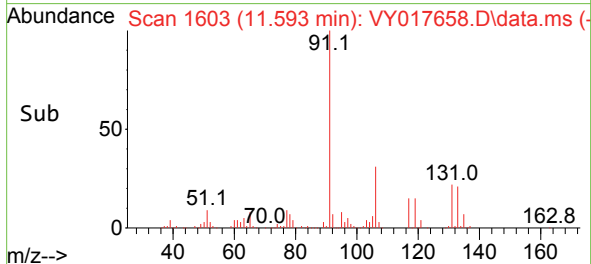
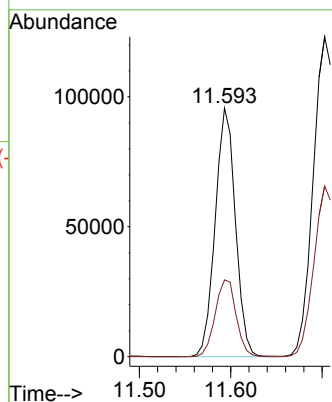
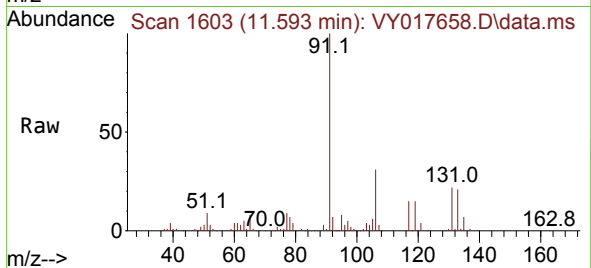
VY0314SBS01

Tgt Ion: 91 Resp: 147096

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 34.651 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017658.D

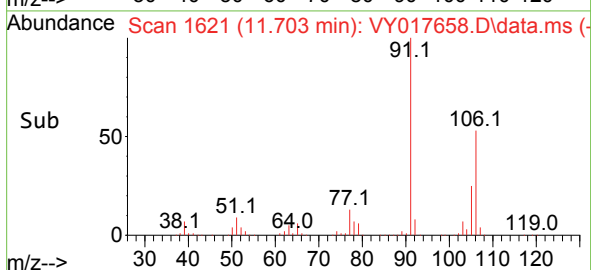
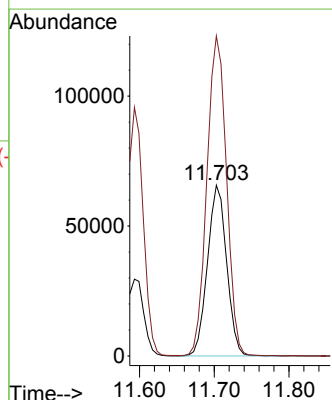
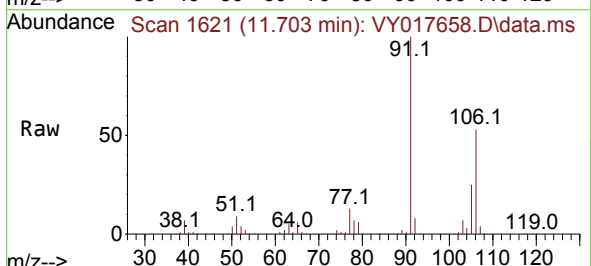
Acq: 14 Mar 2024 11:47

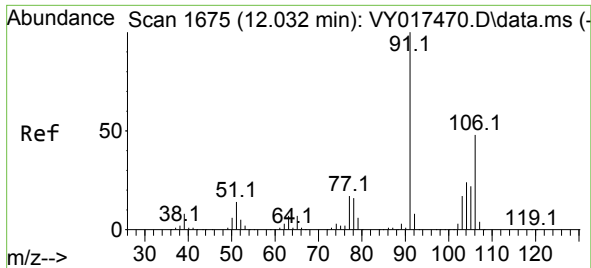
Tgt Ion:106 Resp: 116888

Ion Ratio Lower Upper

106 100

91 191.4 156.0 234.0

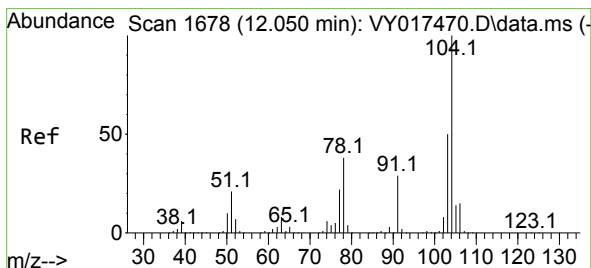
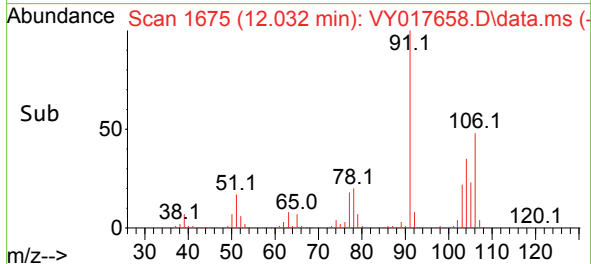
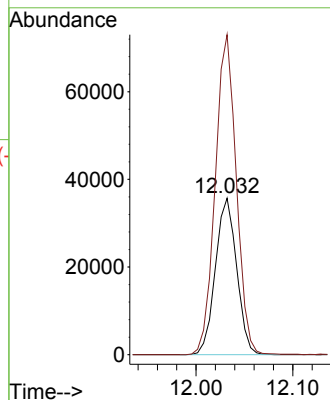
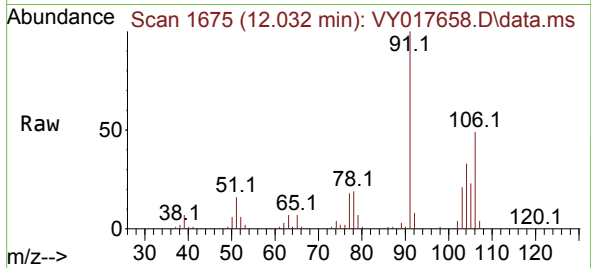




#69
o-Xylene
Concen: 17.408 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

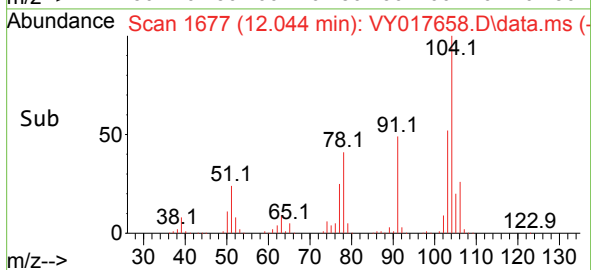
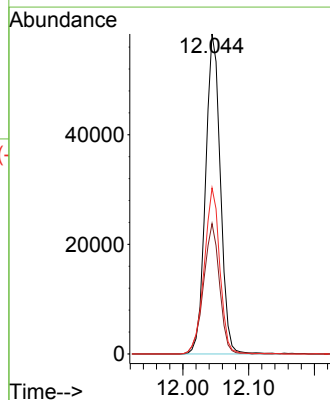
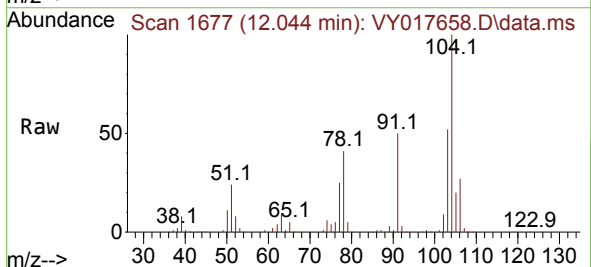
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

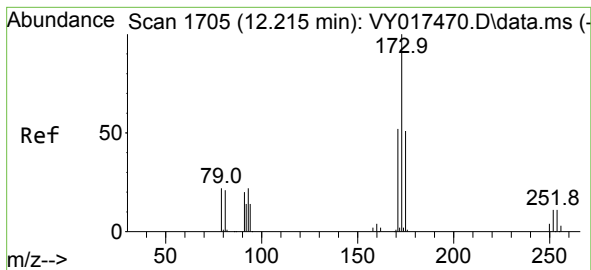
Tgt Ion:106 Resp: 54480
Ion Ratio Lower Upper
106 100
91 202.8 103.6 310.8



#70
Styrene
Concen: 17.674 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:104 Resp: 91811
Ion Ratio Lower Upper
104 100
78 43.6 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 18.000 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

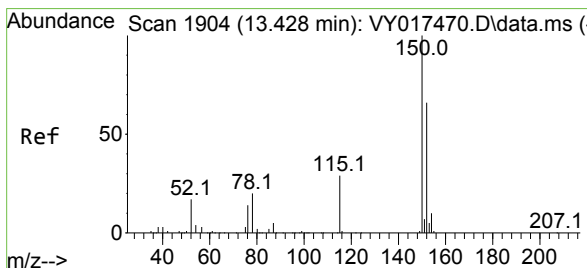
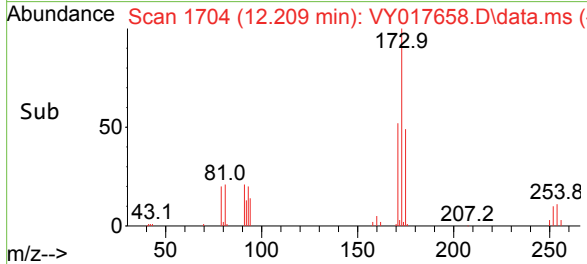
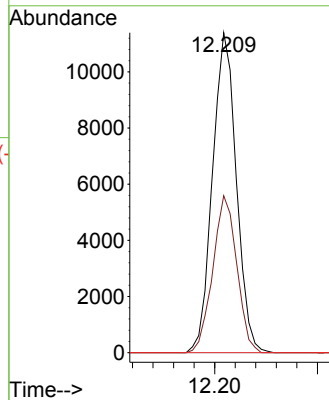
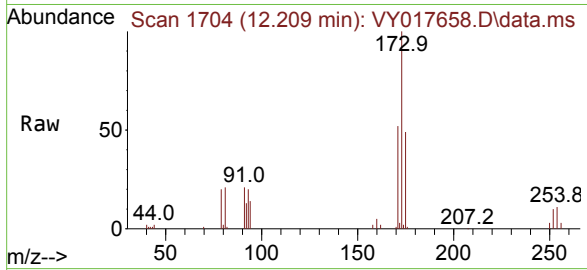
Tgt Ion:173 Resp: 18292

Ion Ratio Lower Upper

173 100

175 49.4 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: VY017658.D

Acq: 14 Mar 2024 11:47

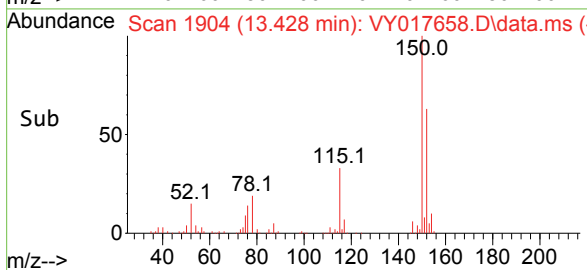
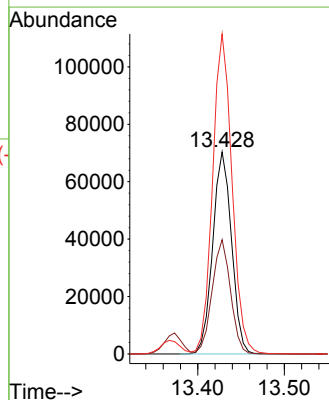
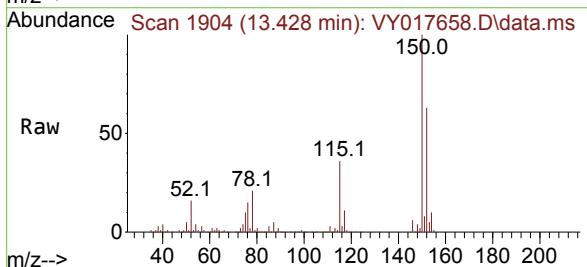
Tgt Ion:152 Resp: 106285

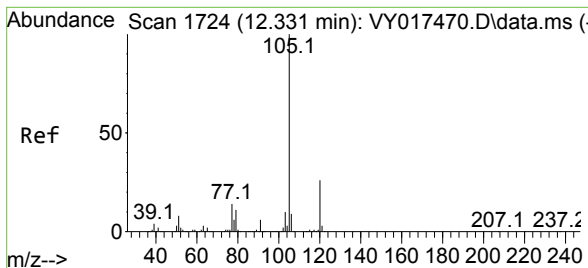
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 163.4 0.0 345.6





#73

Isopropylbenzene

Concen: 18.283 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

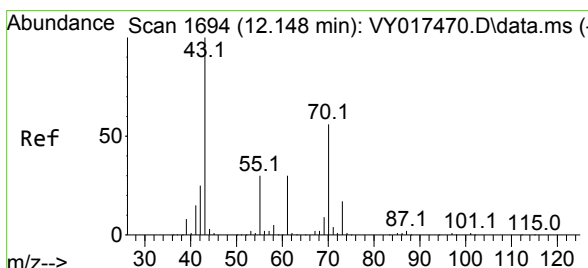
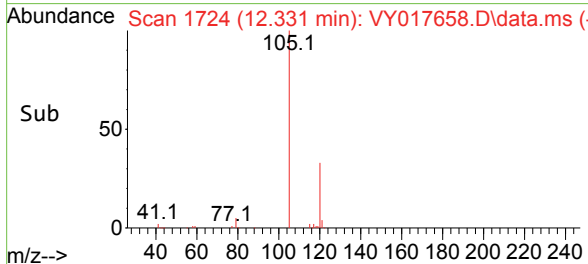
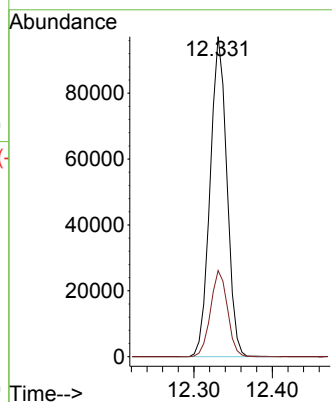
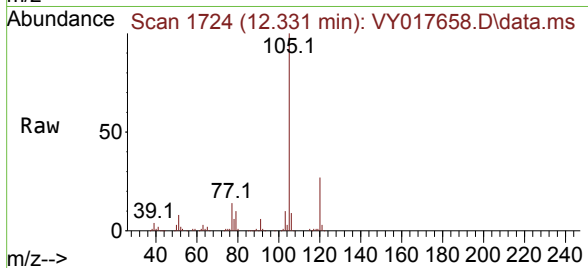
VY0314SBS01

Tgt Ion:105 Resp: 144369

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 16.703 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Tgt Ion: 43 Resp: 23262

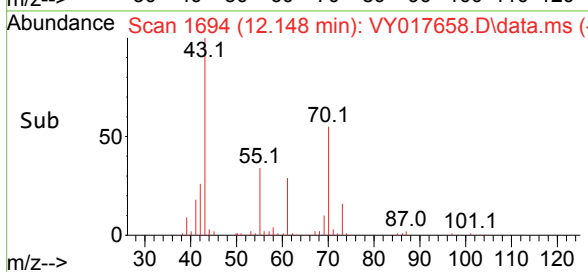
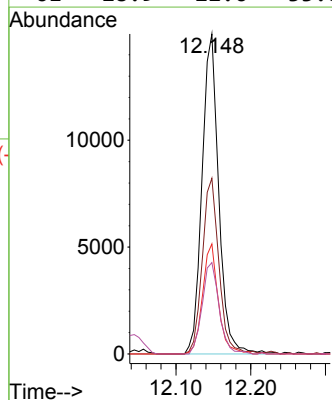
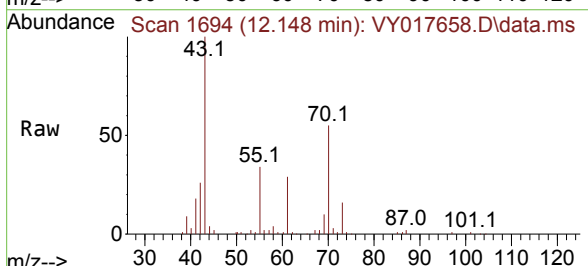
Ion Ratio Lower Upper

43 100

70 54.7 41.4 62.2

55 32.5 23.3 34.9

61 28.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.298 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

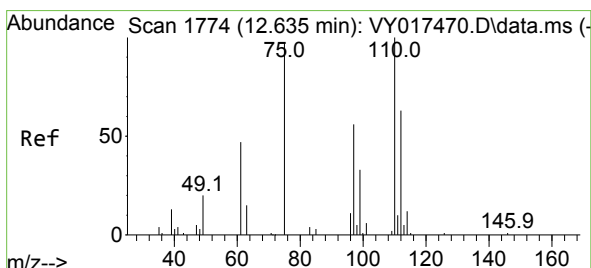
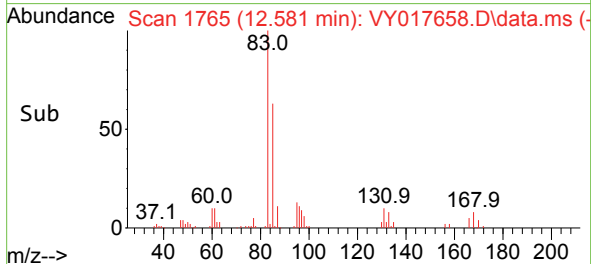
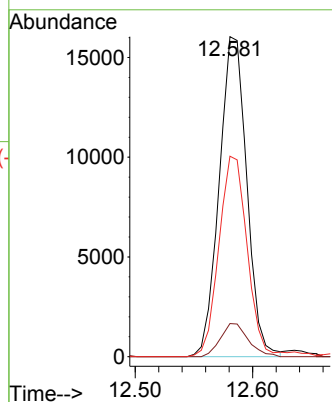
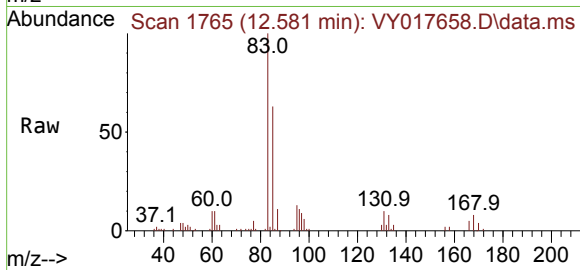
Tgt Ion: 83 Resp: 26168

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 30.592 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017658.D

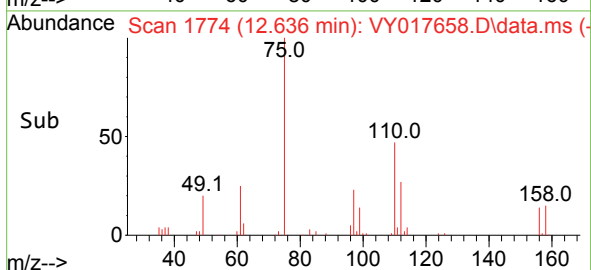
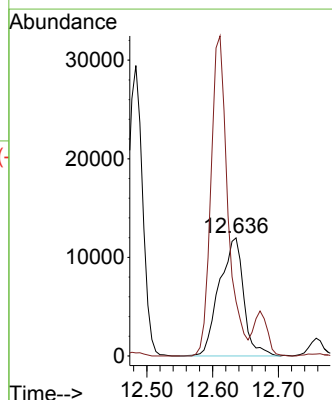
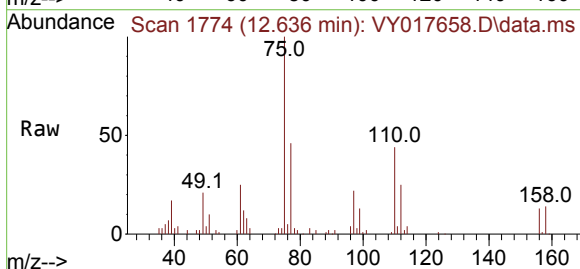
Acq: 14 Mar 2024 11:47

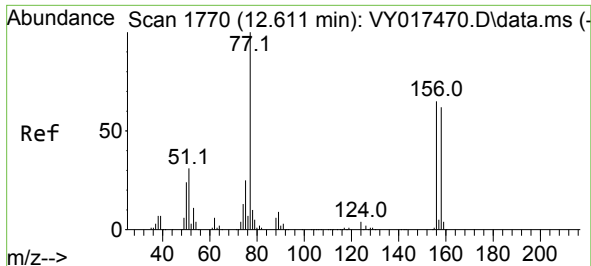
Tgt Ion: 75 Resp: 30894

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

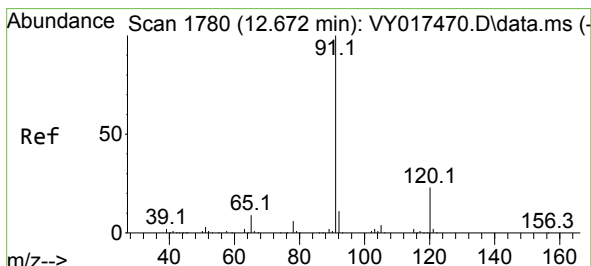
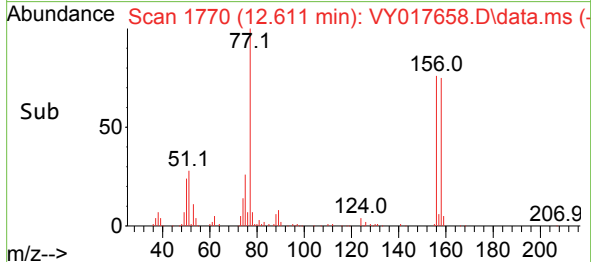
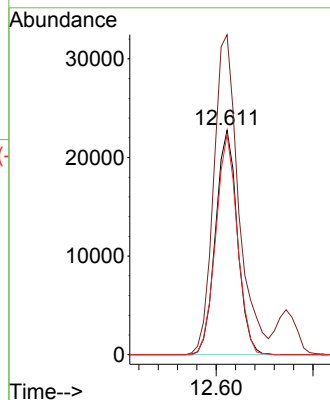
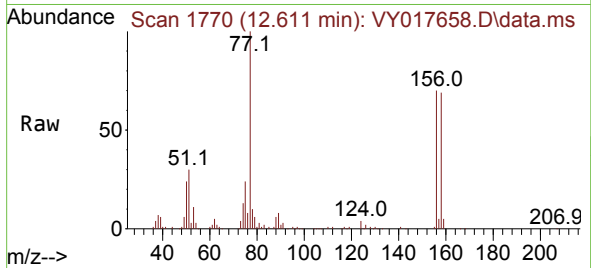




#77
Bromobenzene
Concen: 18.583 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

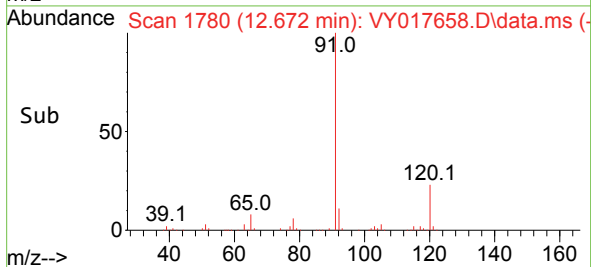
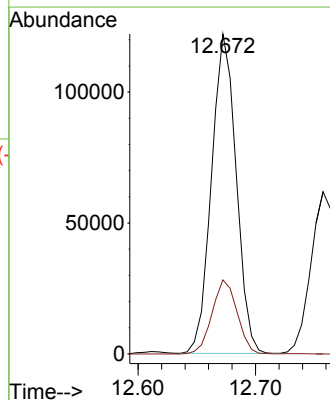
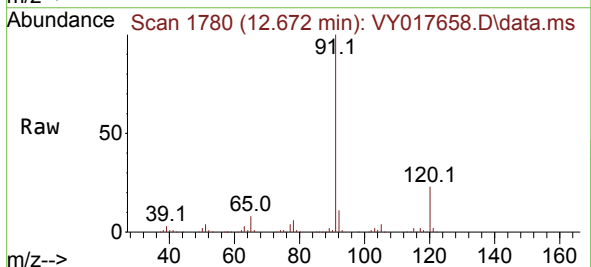
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

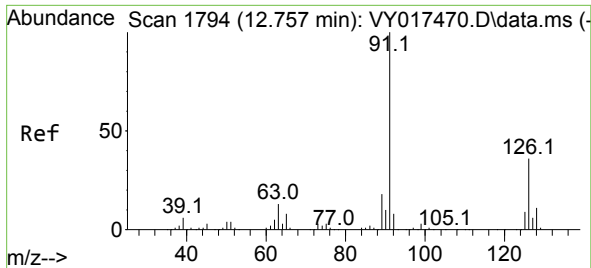
Tgt Ion:156 Resp: 35536
Ion Ratio Lower Upper
156 100
77 163.9 87.1 261.3
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 18.795 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 91 Resp: 178079
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

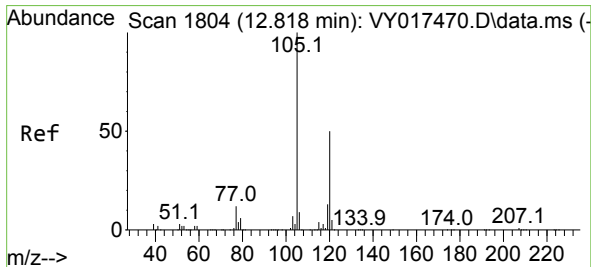
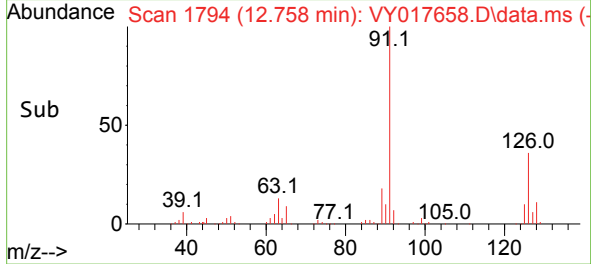
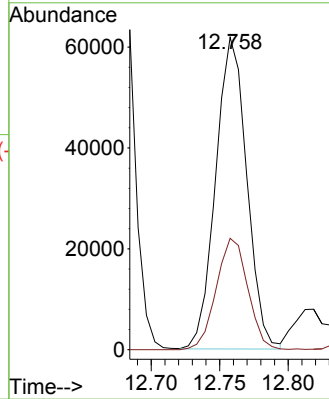
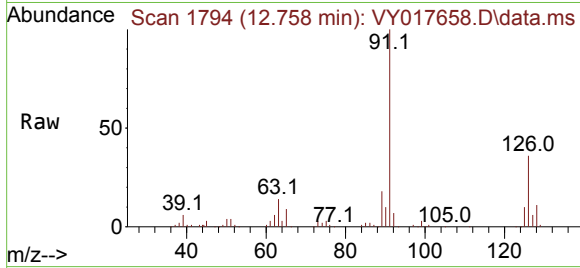




#79
2-Chlorotoluene
Concen: 18.413 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

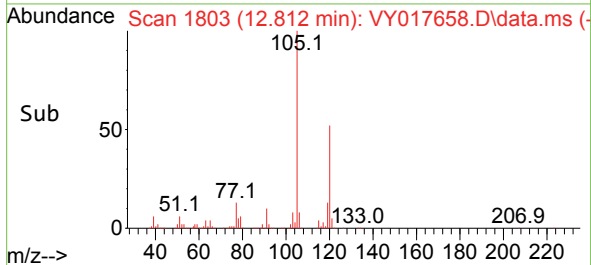
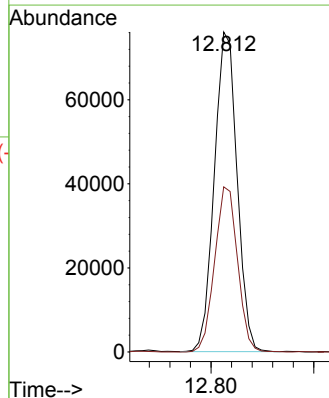
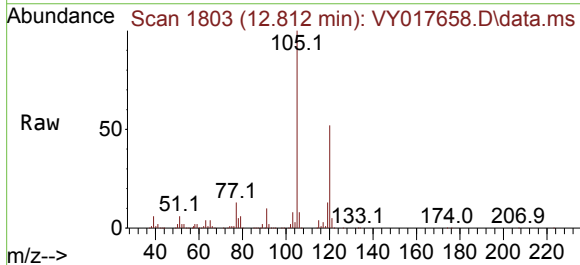
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

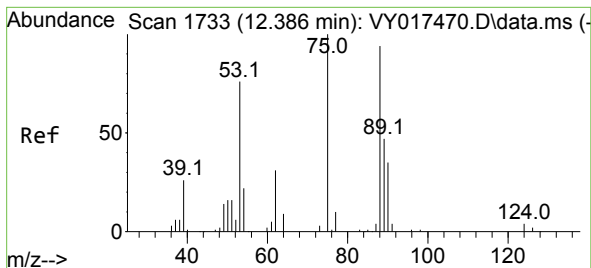
Tgt Ion: 91 Resp: 97673
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.421 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 105 Resp: 116533
Ion Ratio Lower Upper
105 100
120 52.0 25.1 75.2

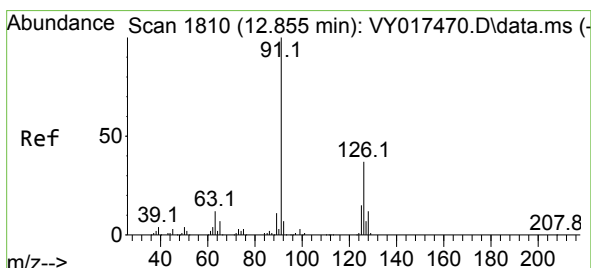
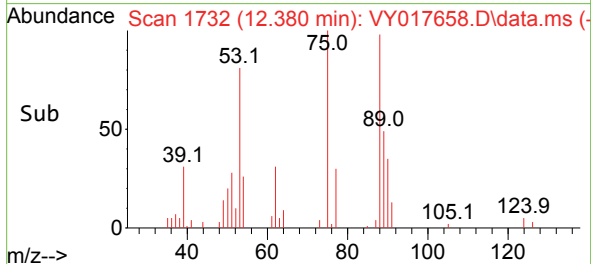
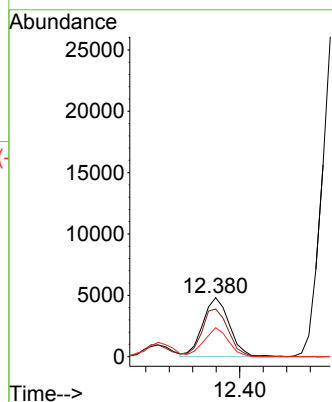
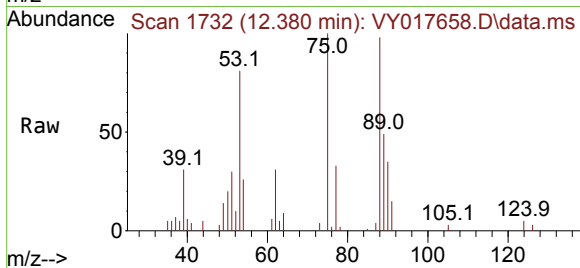




#81
trans-1,4-Dichloro-2-butene
Concen: 17.267 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

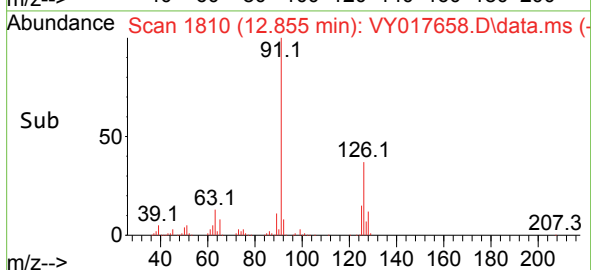
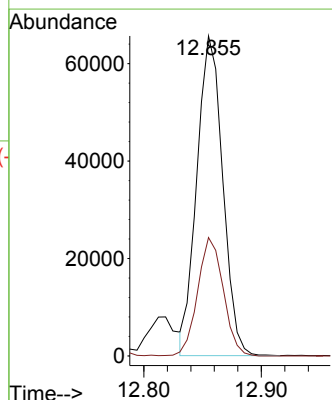
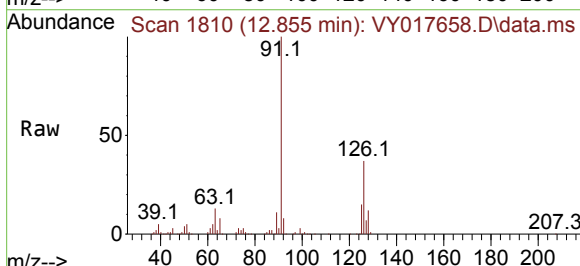
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

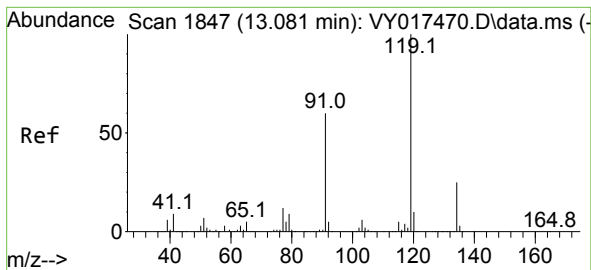
Tgt Ion:	75	Resp:	7589
Ion	Ratio	Lower	Upper
75	100		
53	79.8	66.8	100.2
89	44.1	35.8	53.6



#82
4-Chlorotoluene
Concen: 18.503 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:	91	Resp:	100391
Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 19.381 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

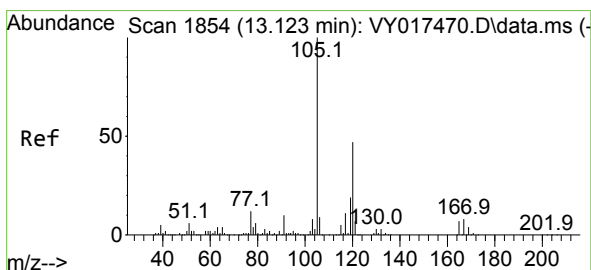
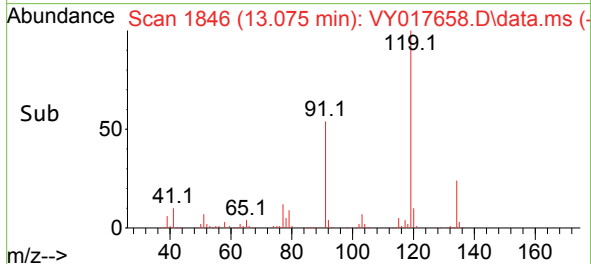
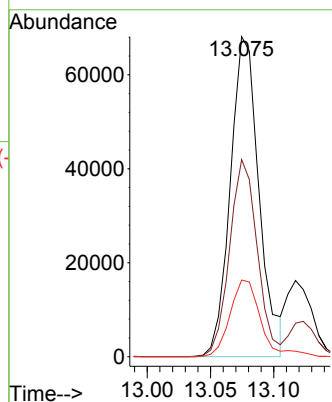
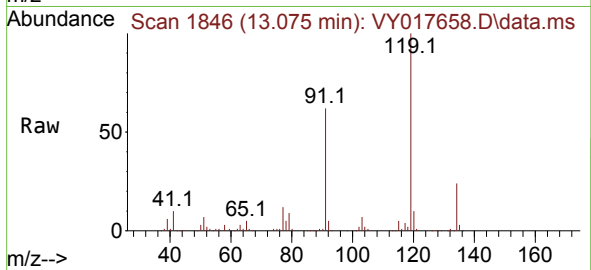
Tgt Ion:119 Resp: 107666

Ion Ratio Lower Upper

119 100

91 59.7 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.648 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017658.D

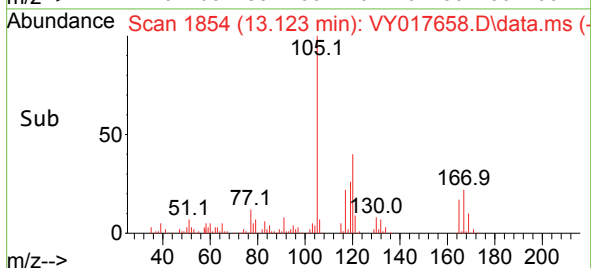
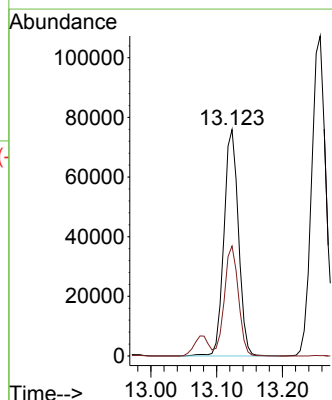
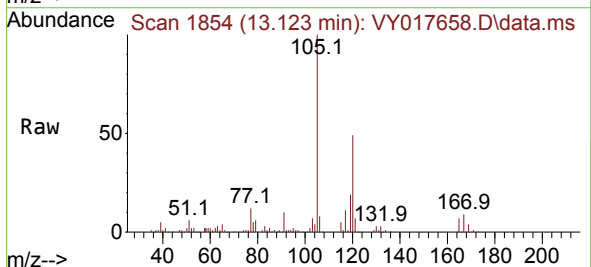
Acq: 14 Mar 2024 11:47

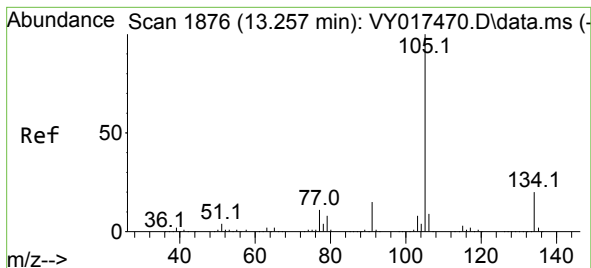
Tgt Ion:105 Resp: 116465

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.033 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

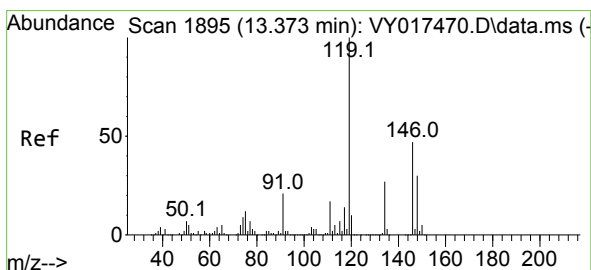
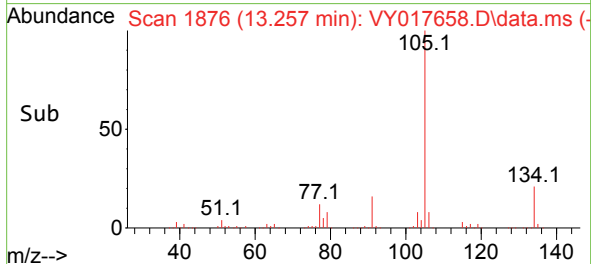
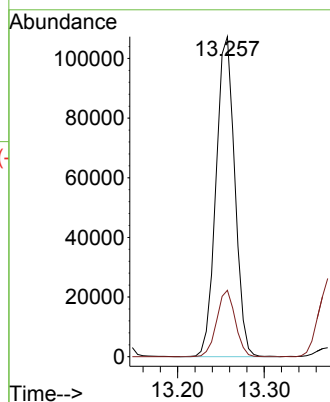
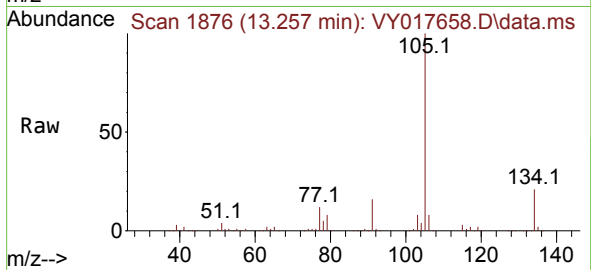
VY0314SBS01

Tgt Ion:105 Resp: 161651

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.768 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

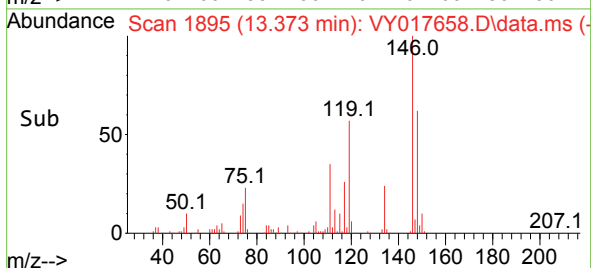
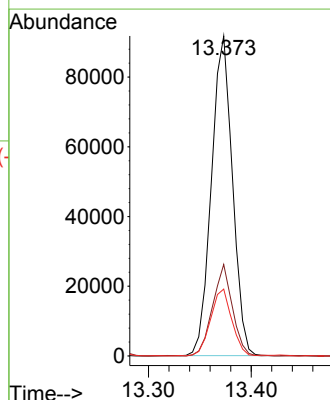
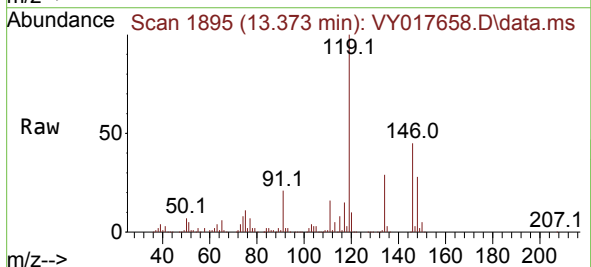
Tgt Ion:119 Resp: 130484

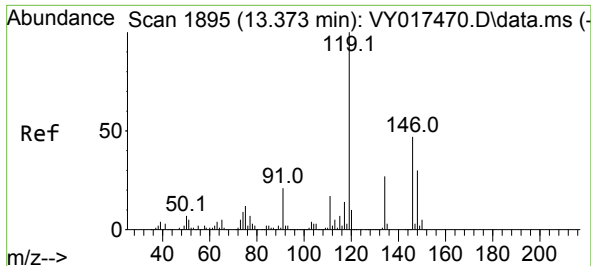
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.0 10.7 32.1

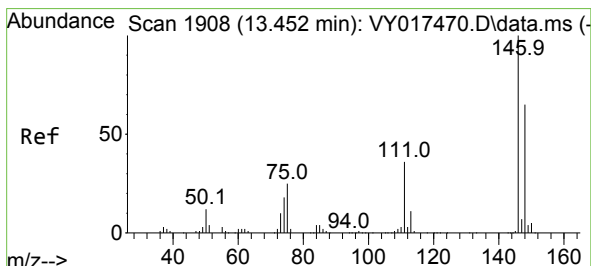
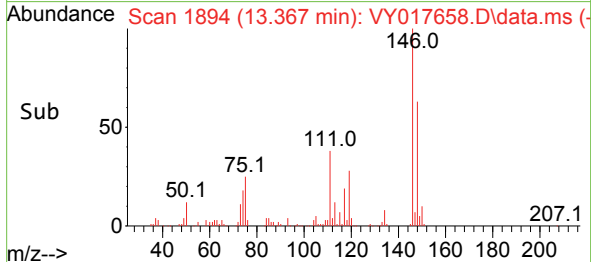
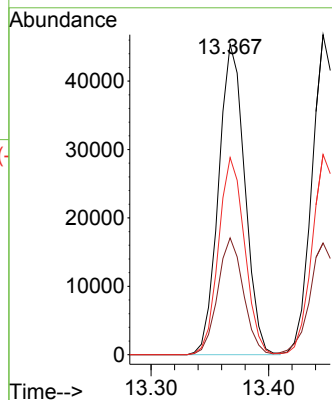
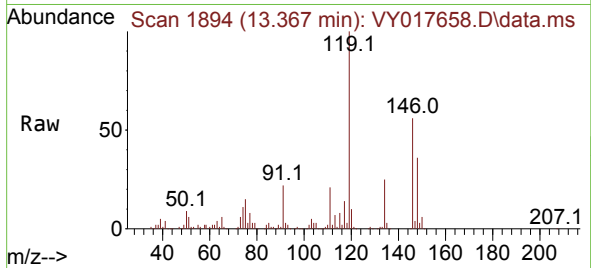




#87
1,3-Dichlorobenzene
Concen: 18.372 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

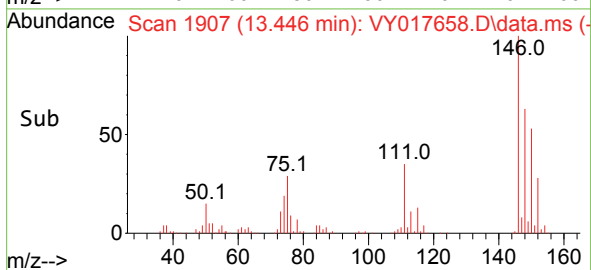
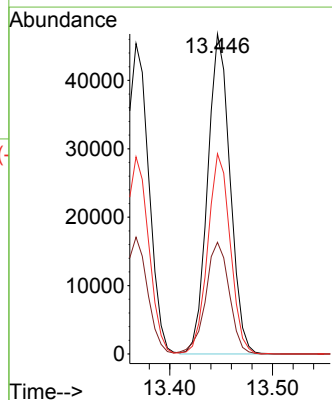
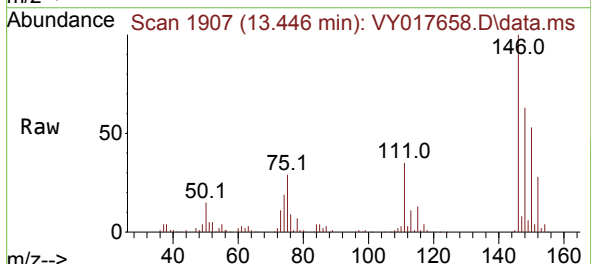
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

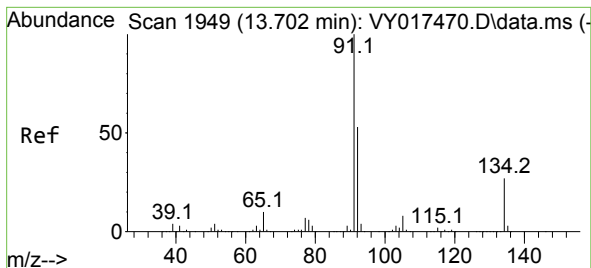
Tgt Ion:146 Resp: 70516
Ion Ratio Lower Upper
146 100
111 36.8 19.0 57.0
148 63.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.021 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion:146 Resp: 70979
Ion Ratio Lower Upper
146 100
111 36.6 18.4 55.4
148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 18.977 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

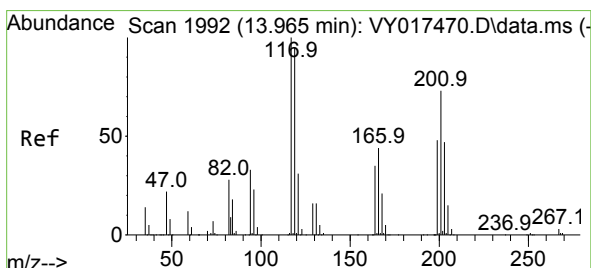
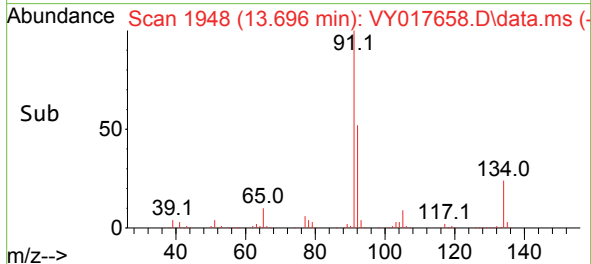
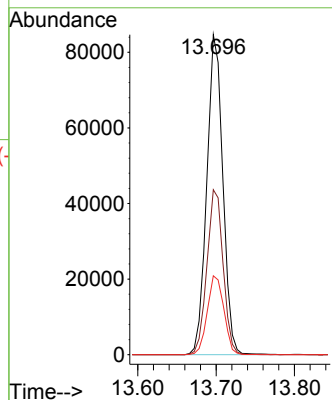
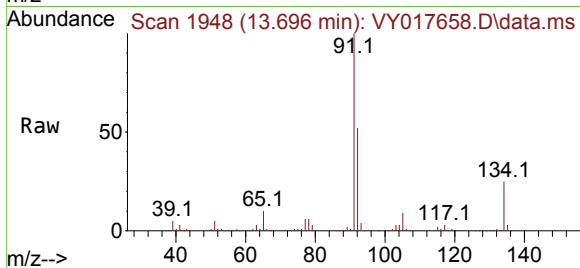
Tgt Ion: 91 Resp: 120378

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 25.5 12.9 38.7



#90

Hexachloroethane

Concen: 19.572 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017658.D

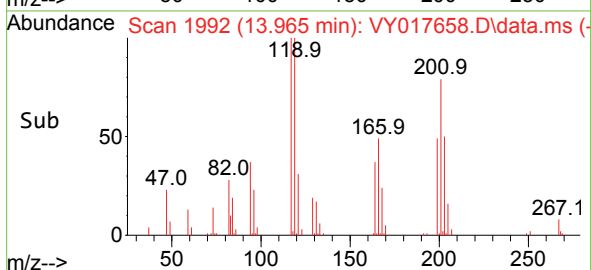
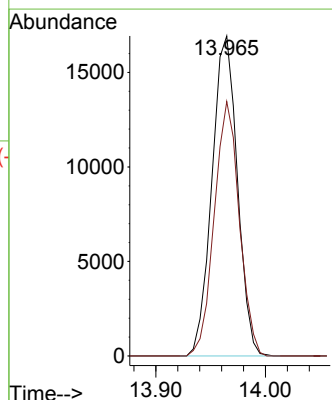
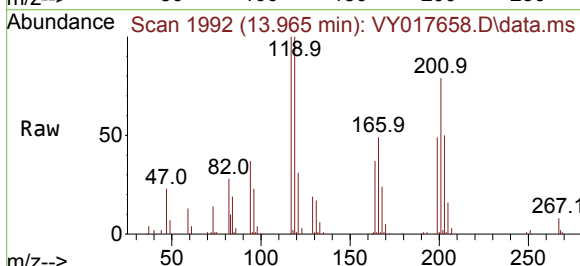
Acq: 14 Mar 2024 11:47

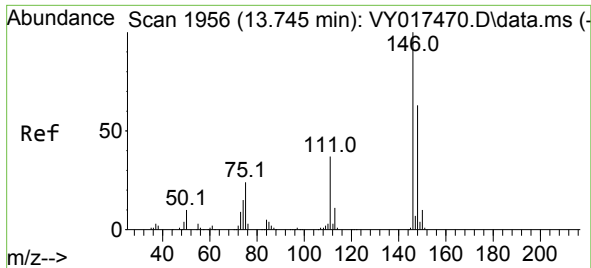
Tgt Ion: 117 Resp: 27281

Ion Ratio Lower Upper

117 100

201 78.2 37.4 112.2

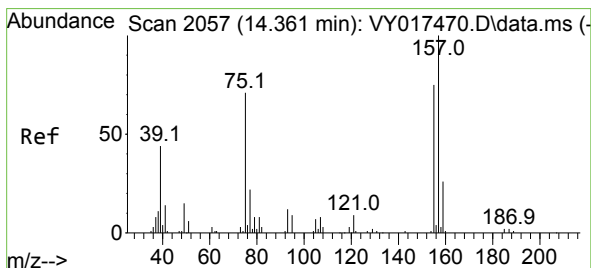
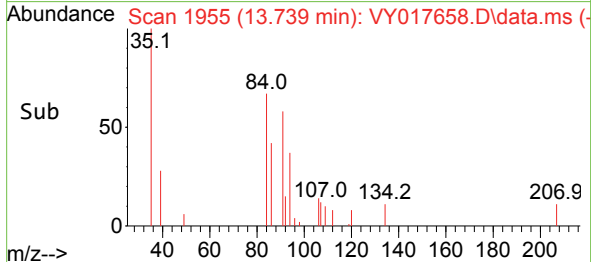
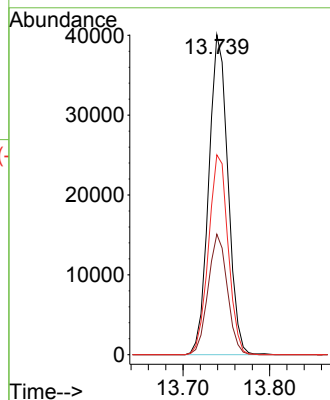
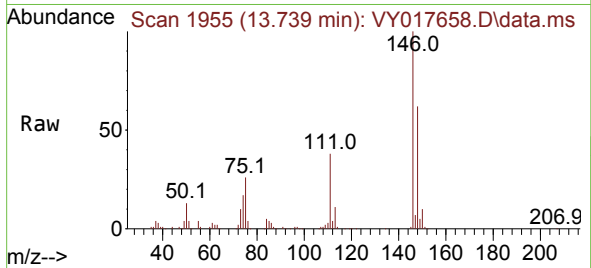




#91
1,2-Dichlorobenzene
Concen: 18.954 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

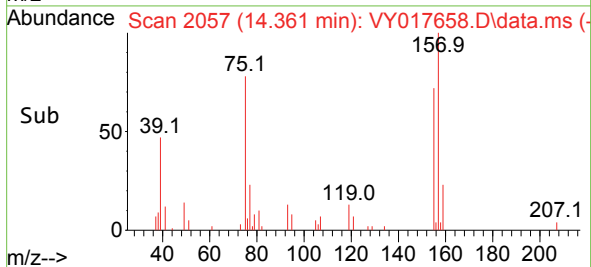
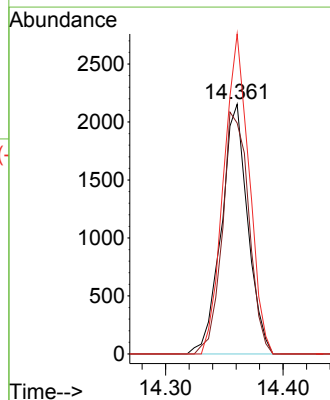
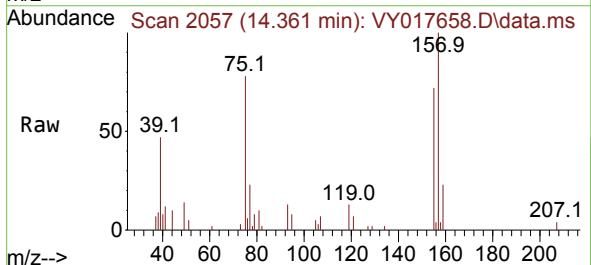
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

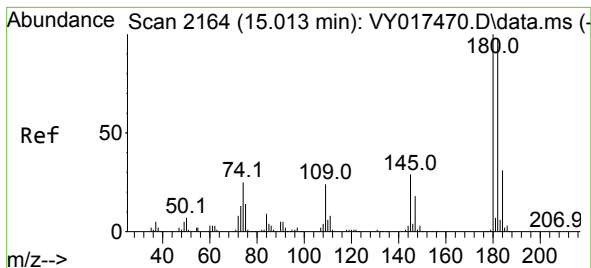
Tgt Ion:146 Resp: 61536
Ion Ratio Lower Upper
146 100
111 37.8 19.9 59.7
148 63.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.595 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017658.D
Acq: 14 Mar 2024 11:47

Tgt Ion: 75 Resp: 3354
Ion Ratio Lower Upper
75 100
155 96.9 48.6 145.8
157 123.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.485 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

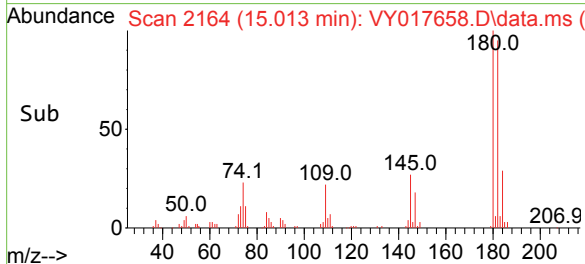
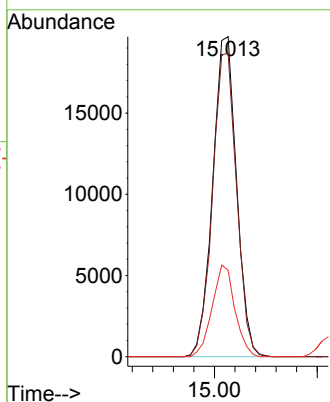
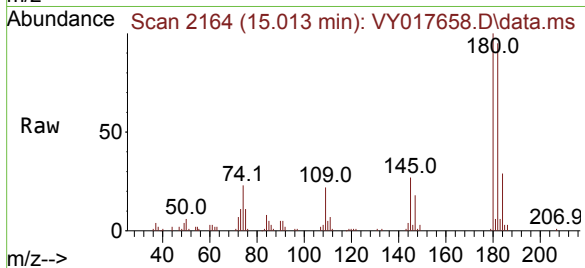
Tgt Ion:180 Resp: 31700

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.621 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

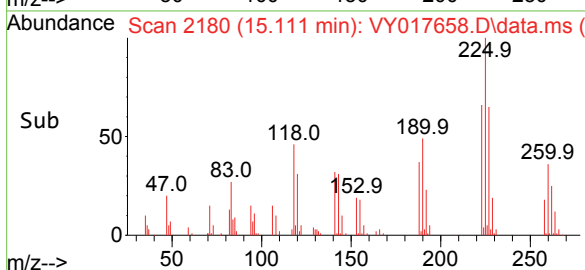
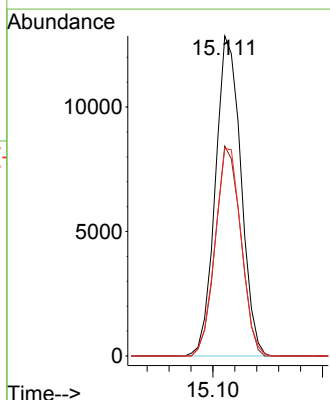
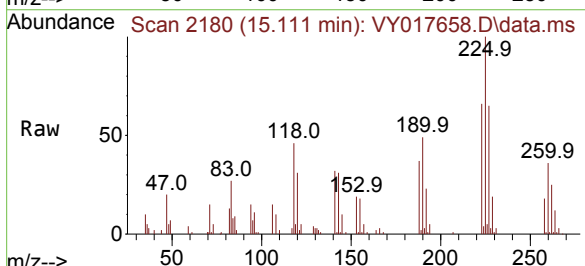
Tgt Ion:225 Resp: 20774

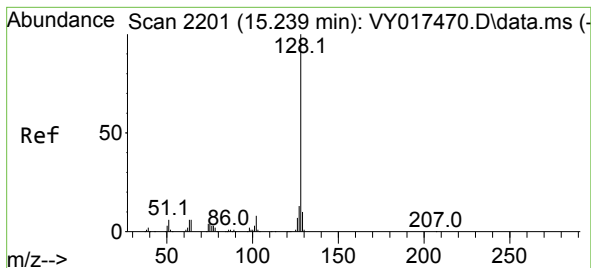
Ion Ratio Lower Upper

225 100

223 65.4 30.4 91.2

227 66.5 31.9 95.9





#95

Naphthalene

Concen: 16.759 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

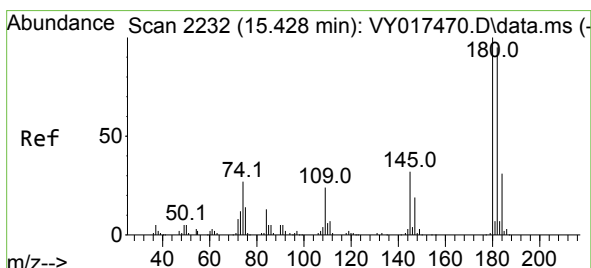
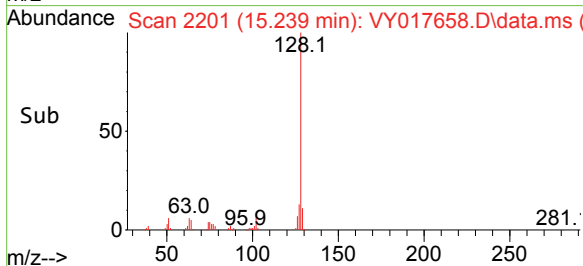
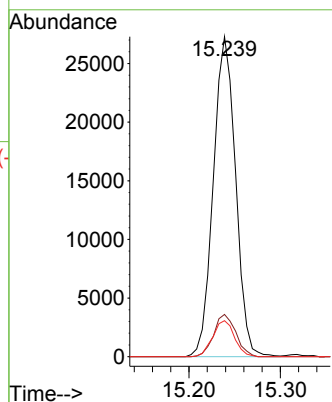
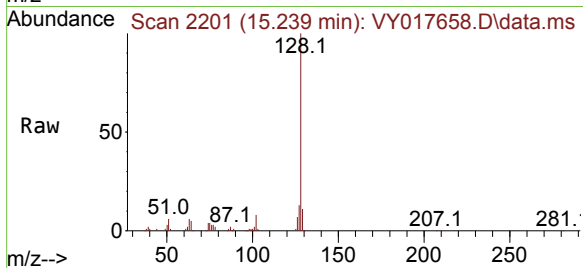
Tgt Ion:128 Resp: 46308

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.675 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017658.D

Acq: 14 Mar 2024 11:47

Tgt Ion:180 Resp: 26002

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.9

145 31.1 15.4 46.1

