

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017690.D
 Acq On : 18 Mar 2024 15:47
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Quant Time: Mar 19 04:09:19 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	140346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69133	51.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.960%	
35) Dibromofluoromethane	7.722	113	79528	50.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.185	98	292398	52.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.489	95	91028	52.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20180	19.492	ug/l	98
3) Chloromethane	2.113	50	38289	20.242	ug/l	97
4) Vinyl Chloride	2.253	62	52001	21.429	ug/l	99
5) Bromomethane	2.643	94	45766	23.143	ug/l	97
6) Chloroethane	2.790	64	34852	22.766	ug/l	100
7) Trichlorofluoromethane	3.119	101	51015	20.627	ug/l	99
8) Diethyl Ether	3.527	74	16158	22.274	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	31326	22.020	ug/l	99
10) Methyl Iodide	4.094	142	33812	21.178	ug/l	99
11) Tert butyl alcohol	4.954	59	11727	103.794	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	28334	21.371	ug/l	97
13) Acrolein	3.729	56	12889	86.458	ug/l	99
14) Allyl chloride	4.478	41	35398	22.097	ug/l	96
15) Acrylonitrile	5.161	53	34861	116.904	ug/l	99
16) Acetone	3.948	43	31726	122.976	ug/l	93
17) Carbon Disulfide	4.198	76	81360	20.445	ug/l	97
18) Methyl Acetate	4.478	43	13449	21.488	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	69910	22.623	ug/l	99
20) Methylene Chloride	4.716	84	36264	20.717	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	33078	21.309	ug/l	95
22) Diisopropyl ether	6.125	45	84472	22.851	ug/l	98
23) Vinyl Acetate	6.064	43	260423	118.224	ug/l	98
24) 1,1-Dichloroethane	6.021	63	56425	22.342	ug/l	97
25) 2-Butanone	6.984	43	45814	124.609	ug/l	96
26) 2,2-Dichloropropane	6.978	77	46588	21.941	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	37710	21.636	ug/l	99
28) Bromochloromethane	7.338	49	21683	21.800	ug/l	98
29) Tetrahydrofuran	7.350	42	26221	118.310	ug/l	99
30) Chloroform	7.508	83	60563	22.524	ug/l	96
31) Cyclohexane	7.789	56	45670	21.098	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	51861	22.216	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44161	20.618	ug/l	99
37) Ethyl Acetate	7.076	43	19076	22.550	ug/l #	96
38) Carbon Tetrachloride	7.905	117	44302	20.638	ug/l	98
39) Methylcyclohexane	9.185	83	52056	20.223	ug/l	96
40) Benzene	8.161	78	135965	21.376	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	25014	58.924	ug/l #	35
42) 1,2-Dichloroethane	8.240	62	33988	21.900	ug/l	99
43) Isopropyl Acetate	8.277	43	34531	23.229	ug/l	99
44) Trichloroethene	8.941	130	37689	20.557	ug/l	100
45) 1,2-Dichloropropane	9.215	63	33322	22.019	ug/l	96
46) Dibromomethane	9.307	93	18823	21.734	ug/l	98
47) Bromodichloromethane	9.502	83	45933	21.843	ug/l	99
48) Methyl methacrylate	9.295	41	14966	21.750	ug/l	95
49) 1,4-Dioxane	9.307	88	4638	473.191	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	93870	113.300	ug/l	99
52) Toluene	10.246	92	85881	21.417	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	42262	21.652	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	50979	21.495	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	26585	21.620	ug/l	96
56) Ethyl methacrylate	10.514	69	30045	21.390	ug/l	99
57) 1,3-Dichloropropane	10.794	76	43265	21.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	72428	102.072	ug/l	99
59) 2-Hexanone	10.837	43	68243	119.917	ug/l	100
60) Dibromochloromethane	10.990	129	31561	21.696	ug/l	98
61) 1,2-Dibromoethane	11.093	107	24952	22.019	ug/l	99
64) Tetrachloroethene	10.721	164	38137	19.580	ug/l	97
65) Chlorobenzene	11.520	112	89518	20.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33237	20.598	ug/l	99
67) Ethyl Benzene	11.599	91	155559	20.593	ug/l	96
68) m/p-Xylenes	11.709	106	124535	41.957	ug/l	98
69) o-Xylene	12.032	106	57454	20.864	ug/l	96
70) Styrene	12.050	104	93860	20.534	ug/l	98
71) Bromoform	12.215	173	18910	21.148	ug/l #	97
73) Isopropylbenzene	12.337	105	147917	21.007	ug/l	99
74) N-amyl acetate	12.148	43	28329	22.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28184	23.309	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	35809	39.765	ug/l #	100
77) Bromobenzene	12.611	156	36083	21.161	ug/l	98
78) n-propylbenzene	12.678	91	182999	21.660	ug/l	100
79) 2-Chlorotoluene	12.764	91	100512	21.249	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	121218	21.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	9025	23.029	ug/l	96
82) 4-Chlorotoluene	12.861	91	104156	21.528	ug/l	98
83) tert-Butylbenzene	13.081	119	103078	20.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	119128	21.391	ug/l	100
85) sec-Butylbenzene	13.257	105	162871	21.505	ug/l	100
86) p-Isopropyltoluene	13.373	119	131348	21.186	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	70667	20.647	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	70981	21.332	ug/l	99
89) n-Butylbenzene	13.702	91	120836	21.363	ug/l	99
90) Hexachloroethane	13.965	117	26726	21.502	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	61833	21.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3826	22.508	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	32477	21.238	ug/l	100
94) Hexachlorobutadiene	15.123	225	20401	21.609	ug/l	99
95) Naphthalene	15.245	128	54994	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	27671	21.093	ug/l	99

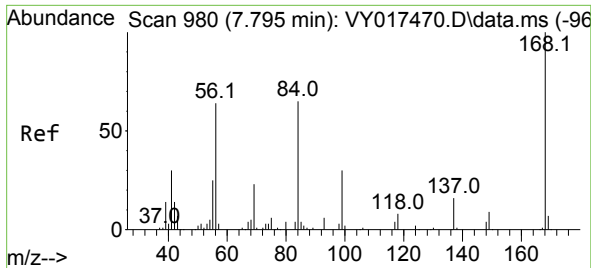
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
Data File : VY017690.D
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Operator : SY/MD
Sample : VY0318SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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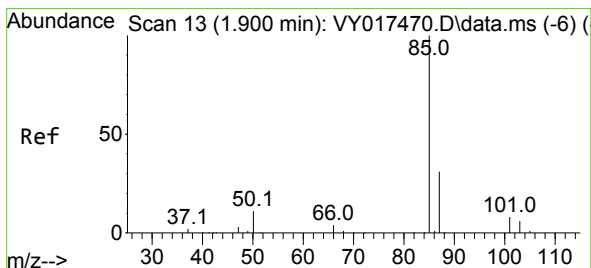
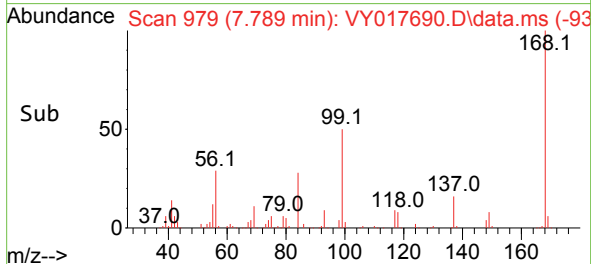
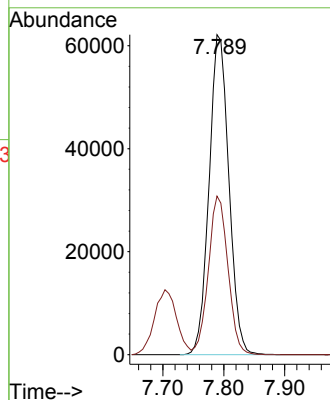
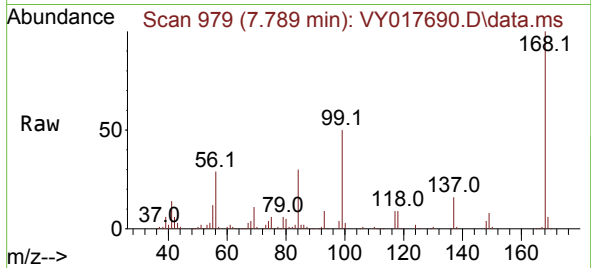
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

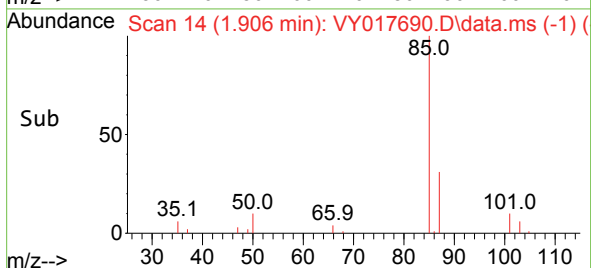
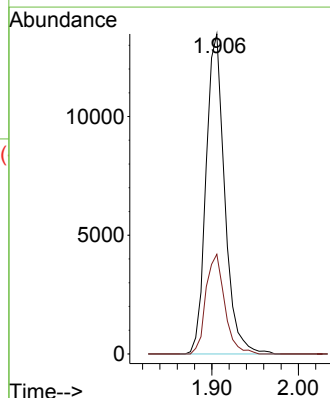
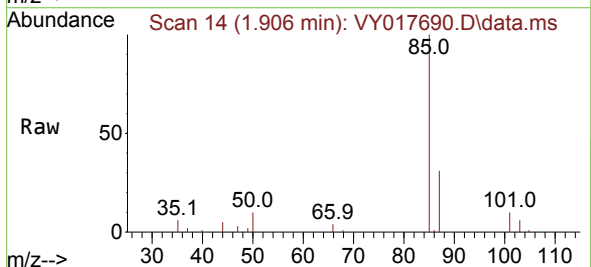
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

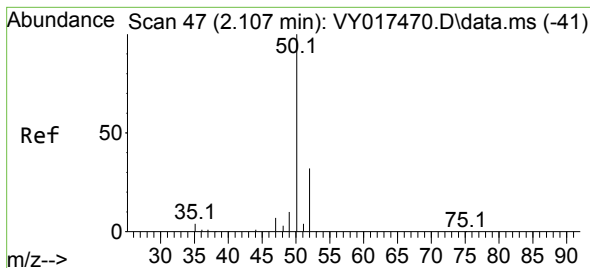
Tgt Ion:168 Resp: 140346
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.492 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 85 Resp: 20180
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 20.242 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

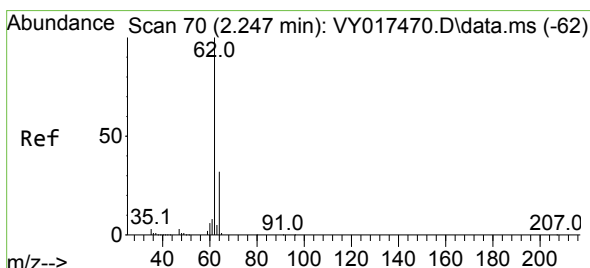
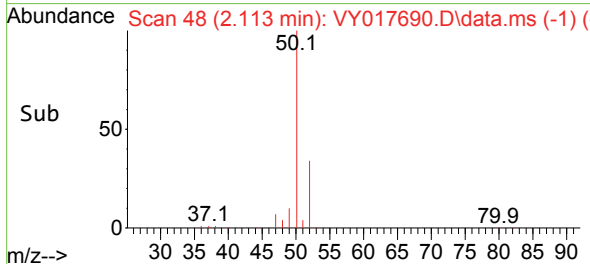
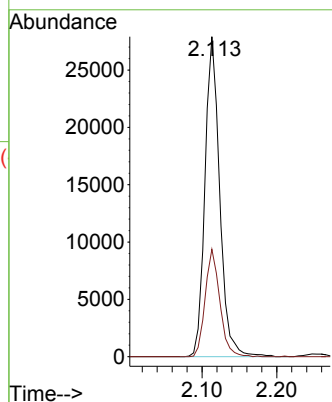
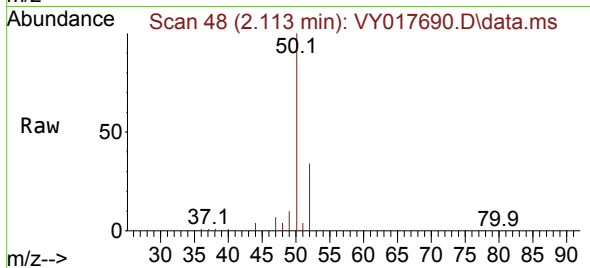
VY0318SBS01

Tgt Ion: 50 Resp: 38289

Ion Ratio Lower Upper

50 100

52 33.5 25.6 38.4



#4

Vinyl Chloride

Concen: 21.429 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017690.D

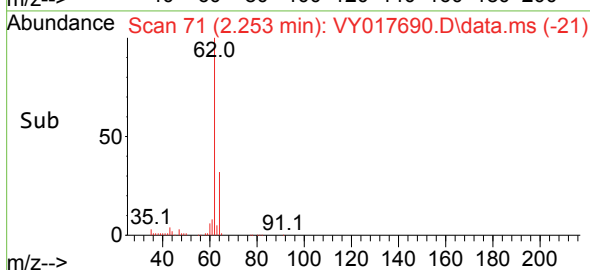
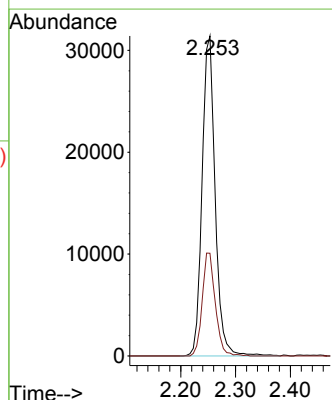
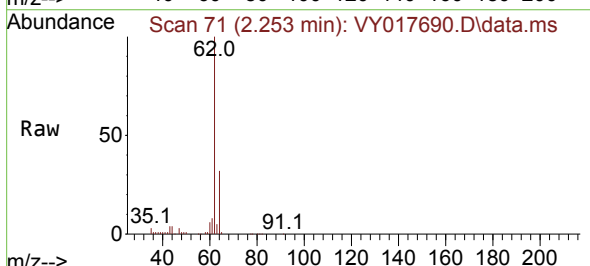
Acq: 18 Mar 2024 15:47

Tgt Ion: 62 Resp: 52001

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1

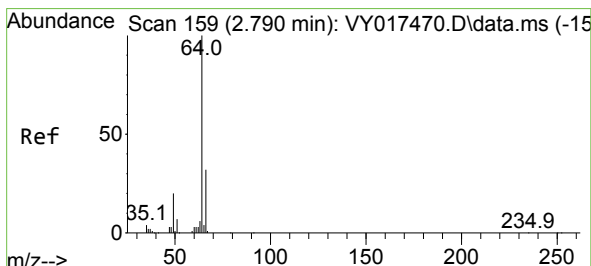
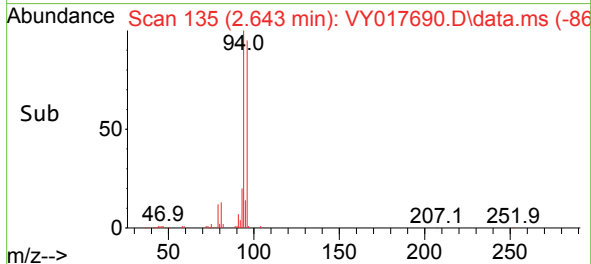
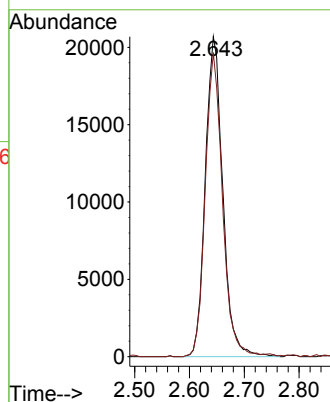
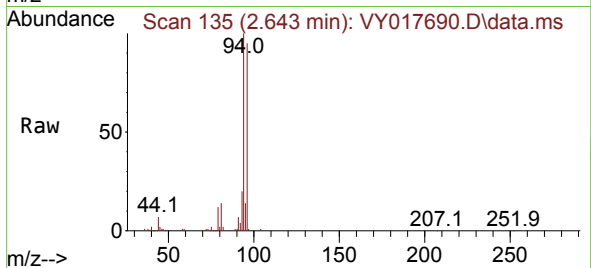




#5
Bromomethane
Concen: 23.143 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

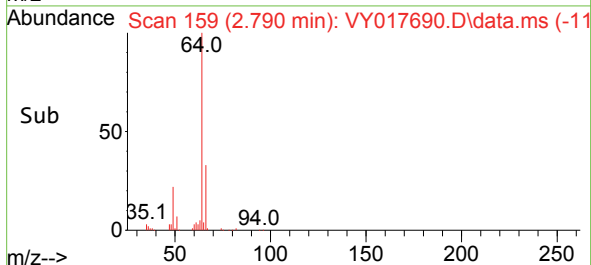
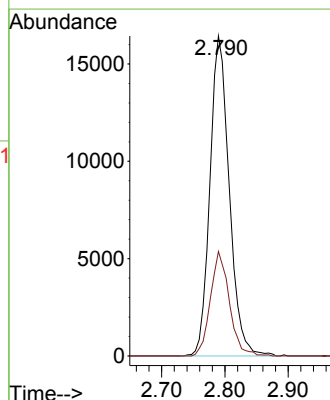
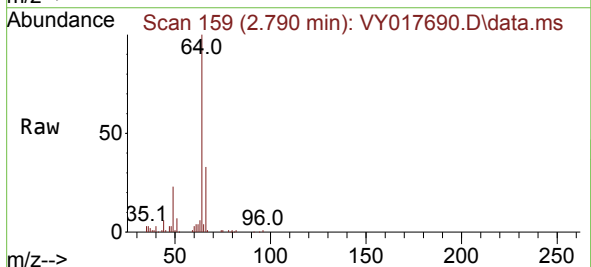
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

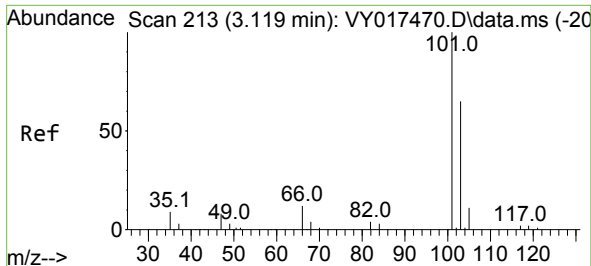
Tgt Ion: 94 Resp: 45766
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 22.766 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 64 Resp: 34852
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

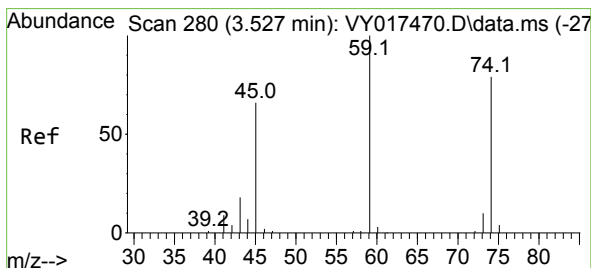
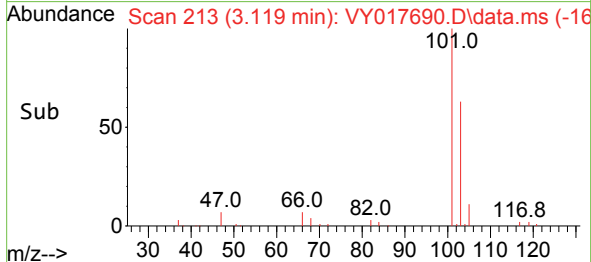
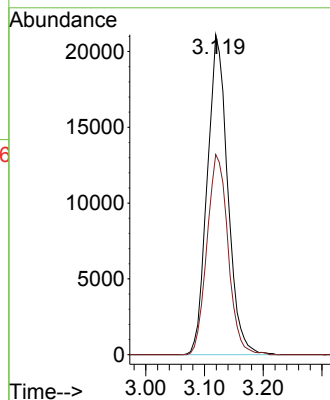
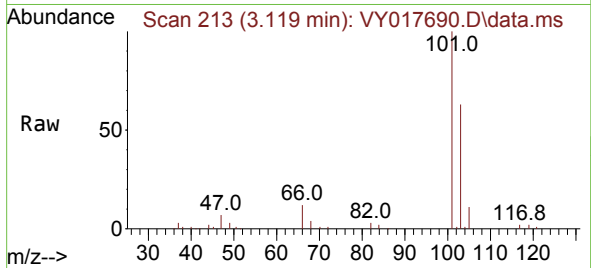




#7
 Trichlorofluoromethane
 Concen: 20.627 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017690.D
 Acq: 18 Mar 2024 15:47

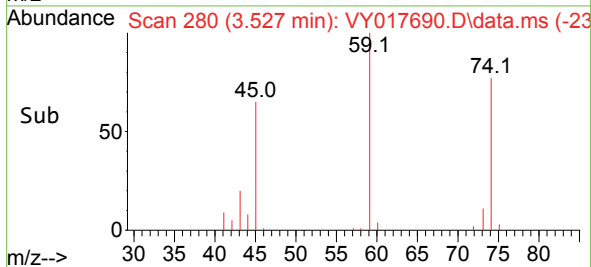
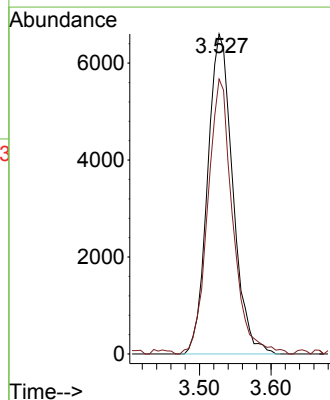
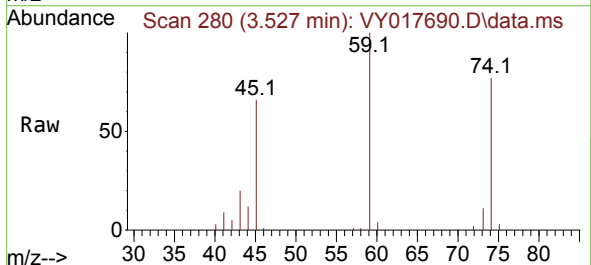
Instrument :
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 VY0318SBS01

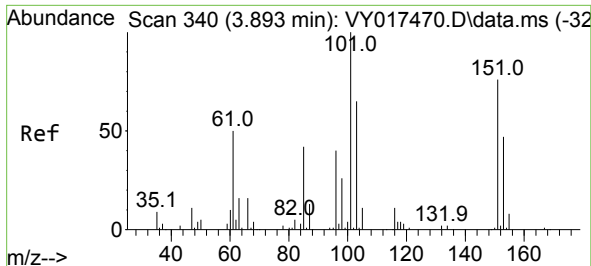
Tgt Ion:101 Resp: 51015
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 22.274 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017690.D
 Acq: 18 Mar 2024 15:47

Tgt Ion: 74 Resp: 16158
 Ion Ratio Lower Upper
 74 100
 45 85.1 41.3 124.1

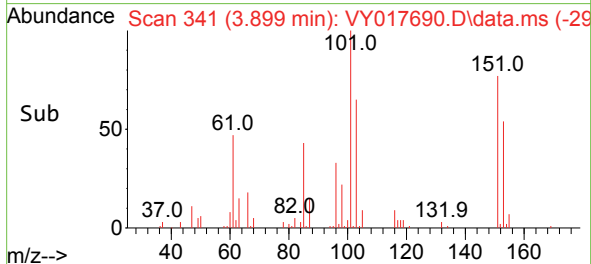
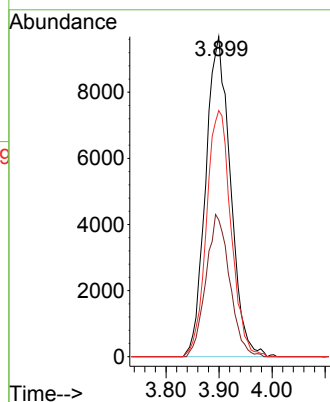
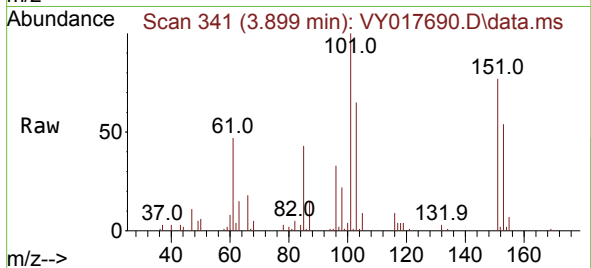




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.020 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

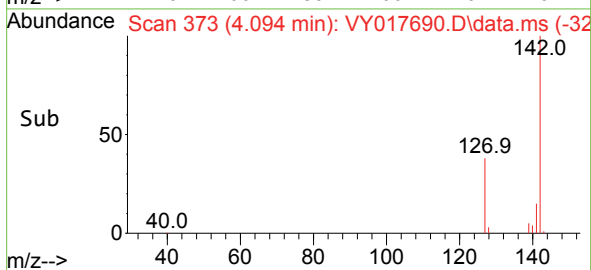
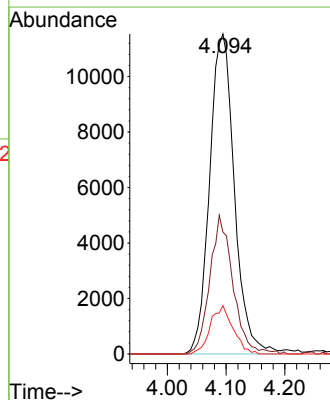
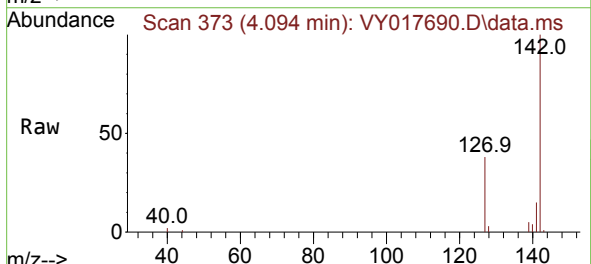
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MSVOA_Y
ClientSampleId :
VY0318SBSD01

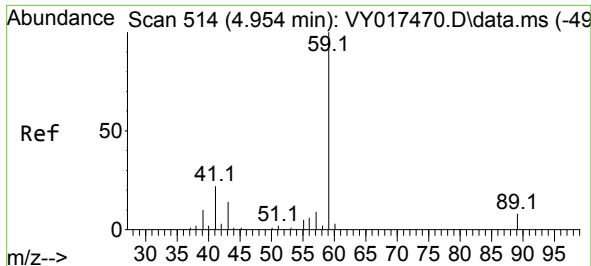
Tgt Ion:	101	Resp:	31326
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.5	51.7
151	76.4	61.7	92.5



#10
Methyl Iodide
Concen: 21.178 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:	142	Resp:	33812
Ion	Ratio	Lower	Upper
142	100		
127	40.4	32.8	49.2
141	13.8	11.4	17.2

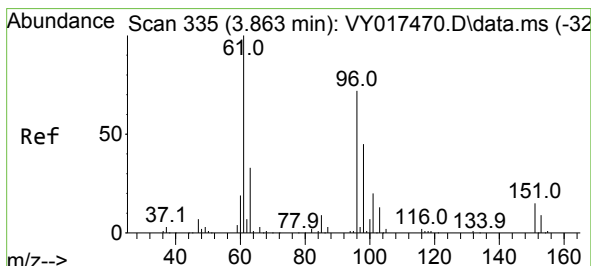
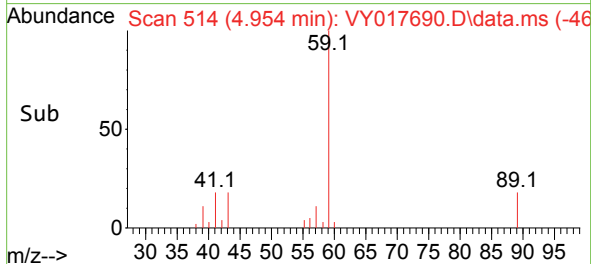
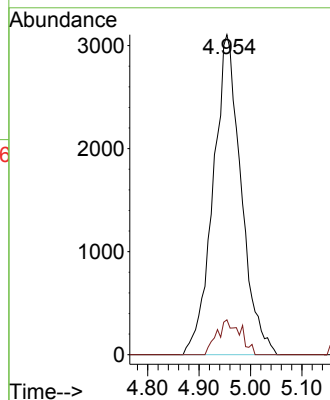
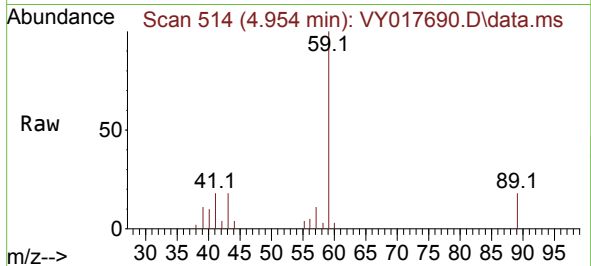




#11
Tert butyl alcohol
Concen: 103.794 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

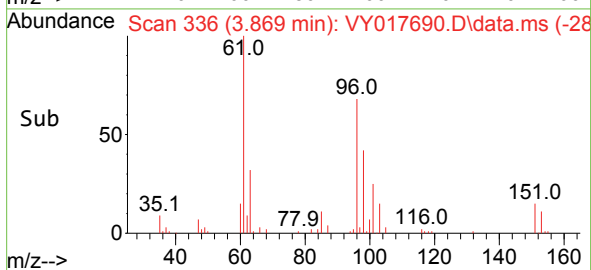
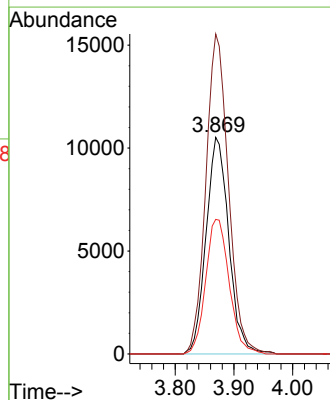
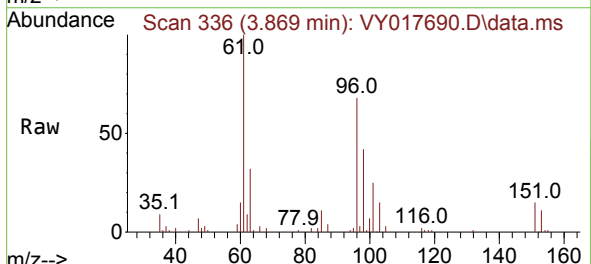
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

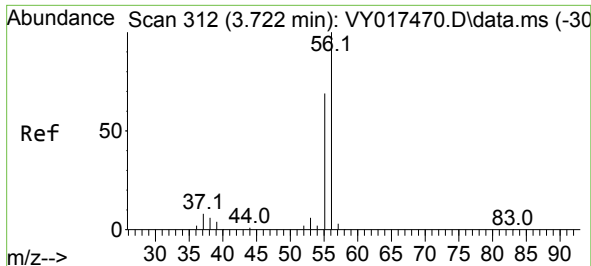
Tgt Ion: 59 Resp: 11727
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.371 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 96 Resp: 28334
Ion Ratio Lower Upper
96 100
61 147.7 114.6 171.8
98 62.1 50.8 76.2





#13

Acrolein

Concen: 86.458 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

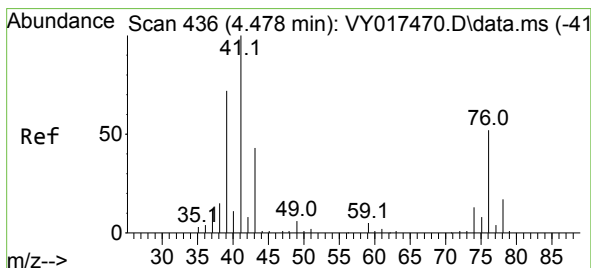
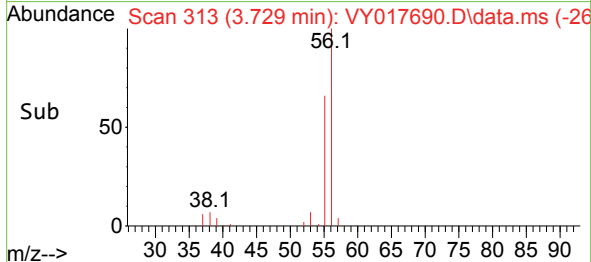
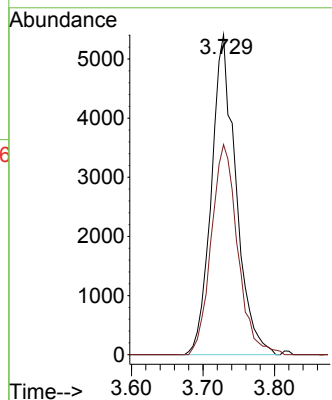
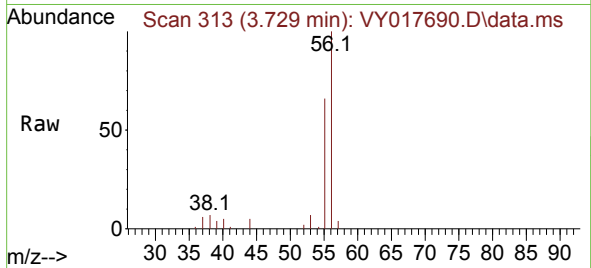
VY0318SBS01

Tgt Ion: 56 Resp: 12889

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 22.097 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

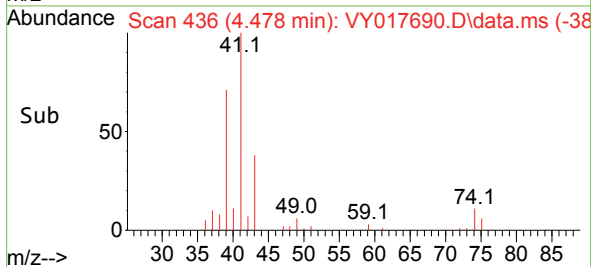
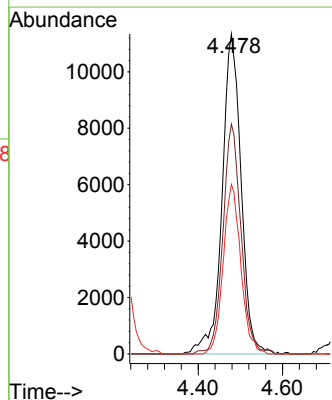
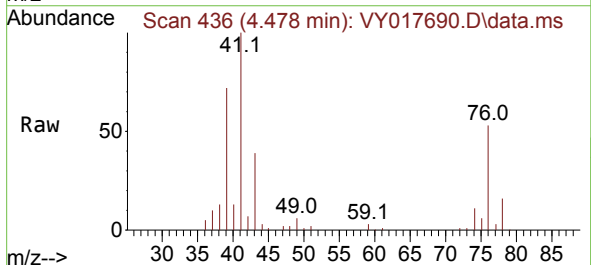
Tgt Ion: 41 Resp: 35398

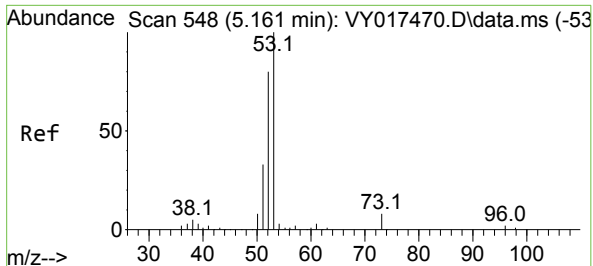
Ion Ratio Lower Upper

41 100

39 68.1 58.3 87.5

76 49.2 39.0 58.6

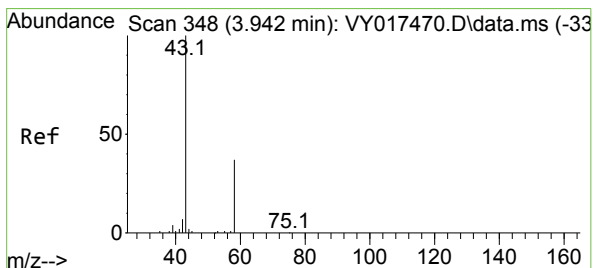
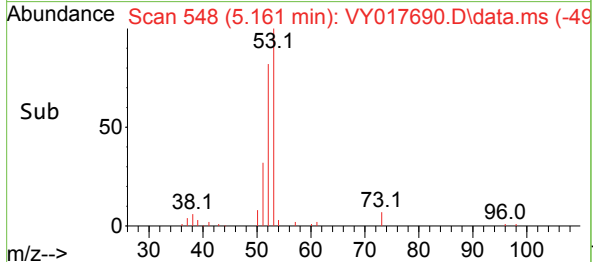
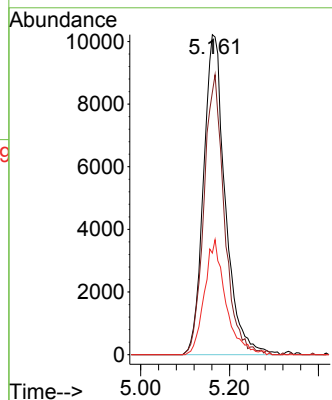
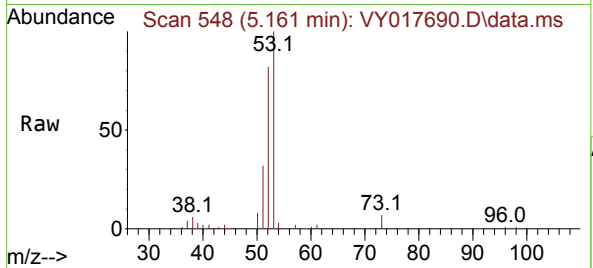




#15
Acrylonitrile
Concen: 116.904 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

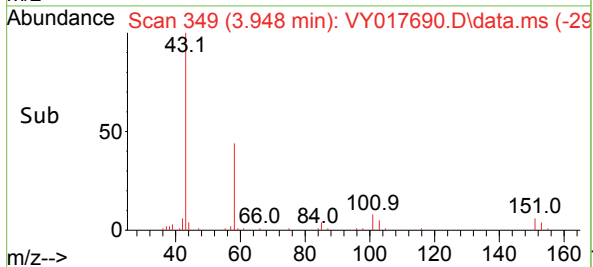
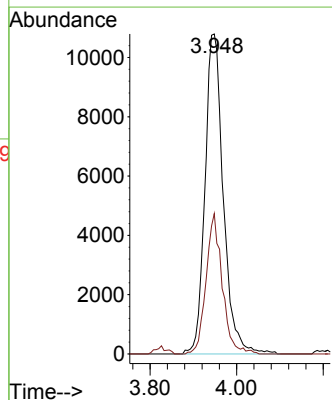
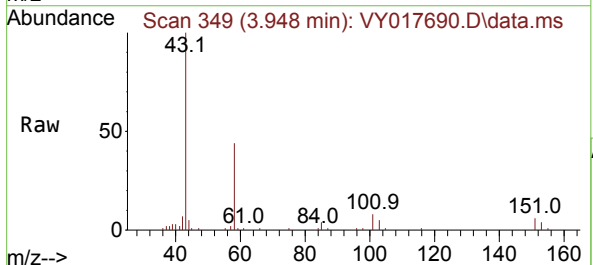
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

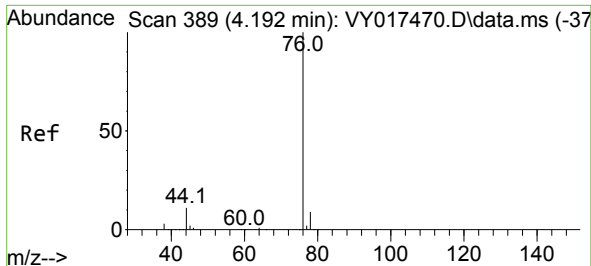
Tgt Ion: 53	Resp: 34861
Ion Ratio	Lower Upper
53 100	
52 82.4	64.7 97.1
51 35.0	28.4 42.6



#16
Acetone
Concen: 122.976 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 43	Resp: 31726
Ion Ratio	Lower Upper
43 100	
58 43.9	31.7 47.5

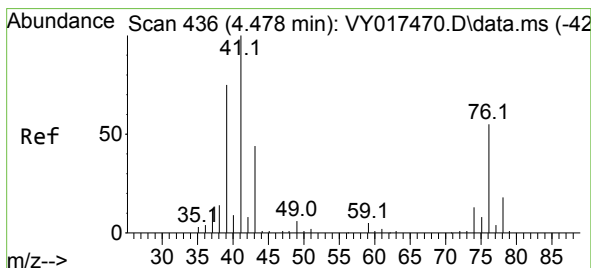
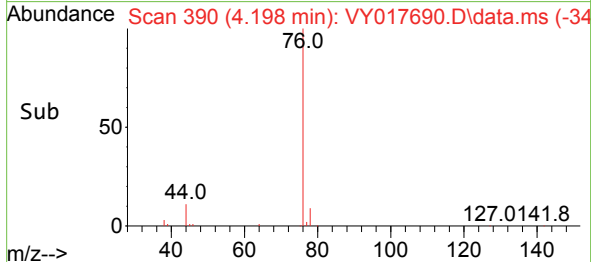
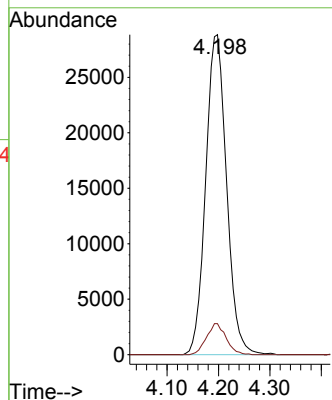
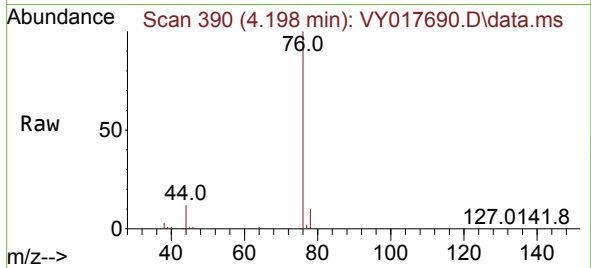




#17
Carbon Disulfide
Concen: 20.445 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

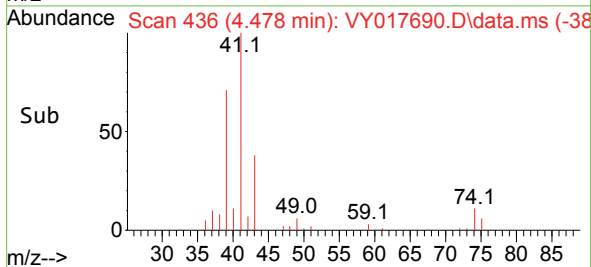
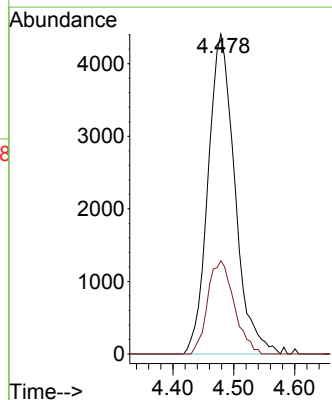
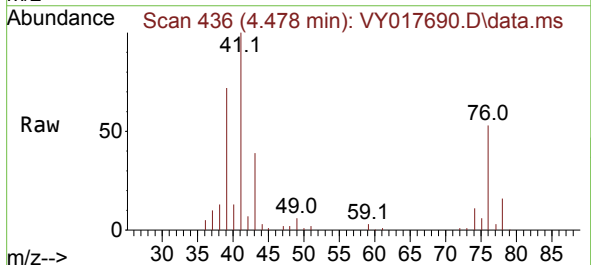
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

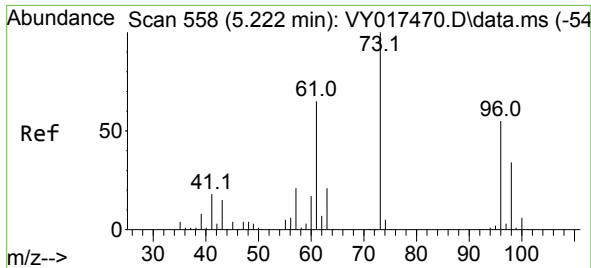
Tgt Ion: 76 Resp: 81360
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 21.488 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 43 Resp: 13449
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9

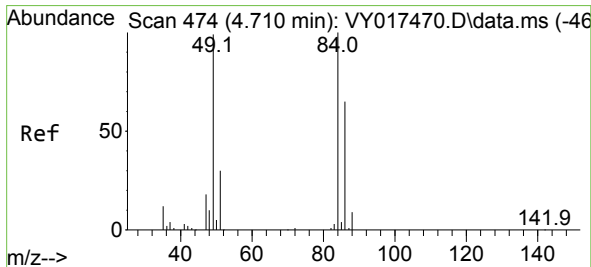
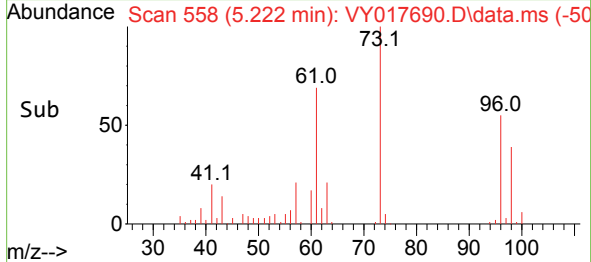
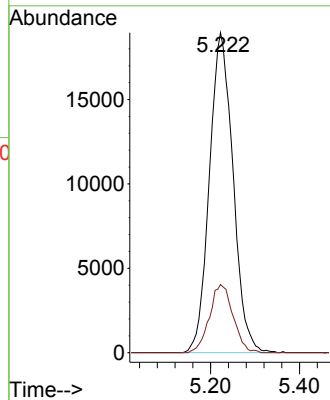
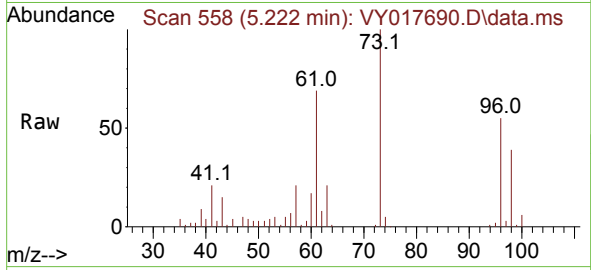




#19
Methyl tert-butyl Ether
Concen: 22.623 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

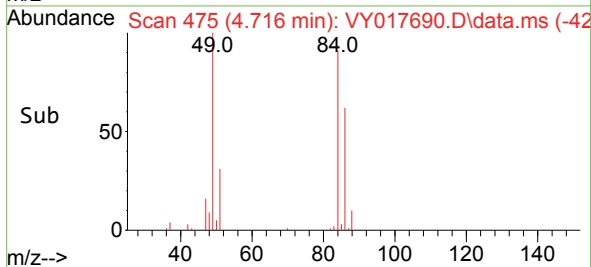
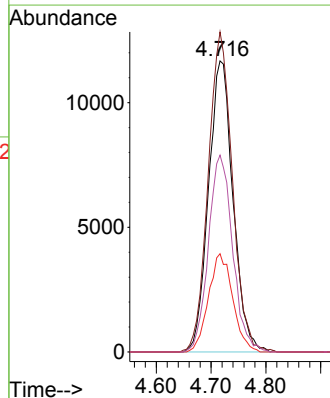
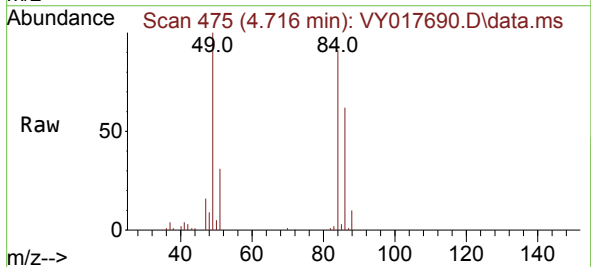
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 73 Resp: 69910
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 20.717 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 84 Resp: 36264
Ion Ratio Lower Upper
84 100
49 109.9 84.4 126.6
51 33.7 26.0 39.0
86 67.6 49.5 74.3

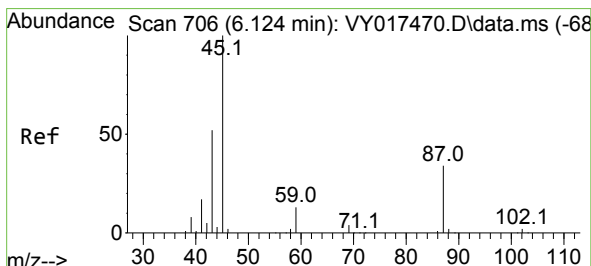
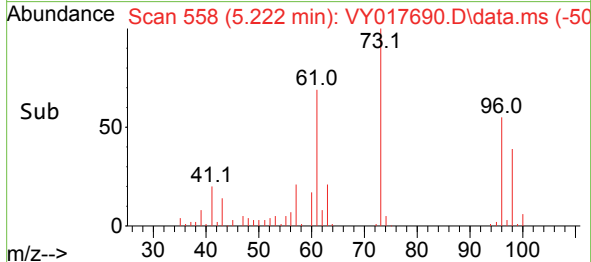
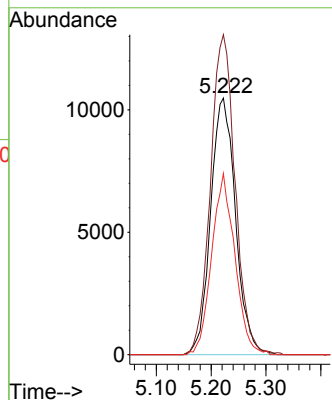
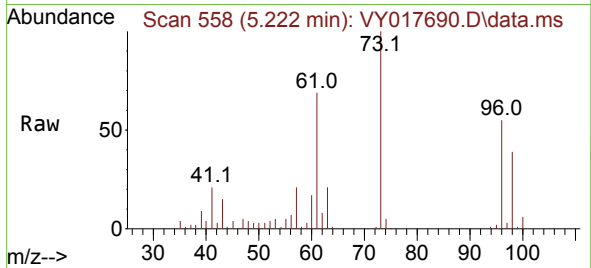




#21
trans-1,2-Dichloroethene
Concen: 21.309 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

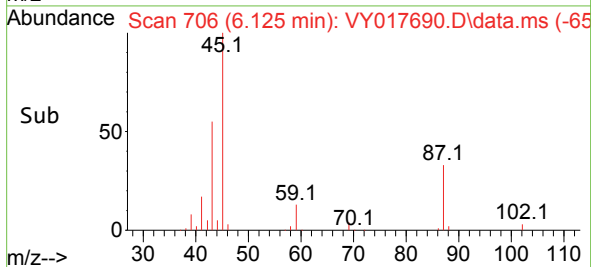
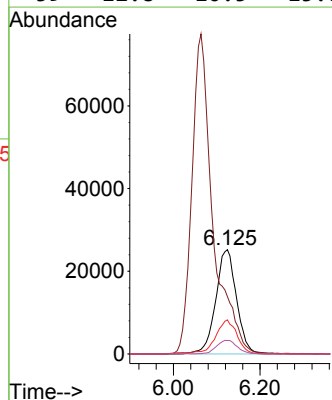
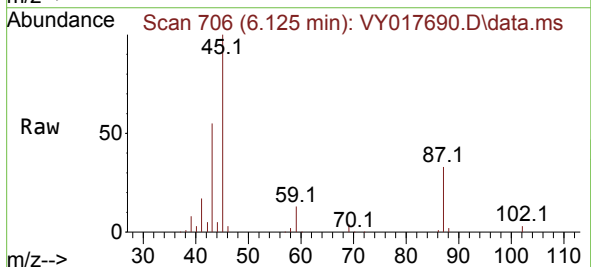
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

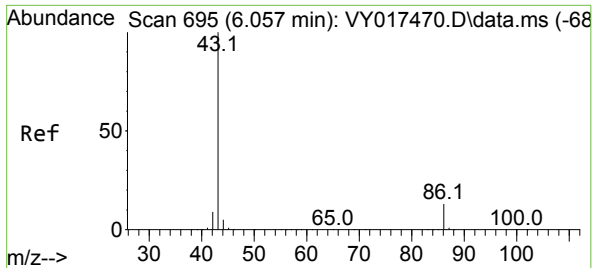
Tgt Ion: 96 Resp: 33078
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 70.6 50.5 75.7



#22
Diisopropyl ether
Concen: 22.851 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 45 Resp: 84472
Ion Ratio Lower Upper
45 100
43 54.6 42.2 63.2
87 32.7 25.0 37.6
59 12.8 10.5 15.7

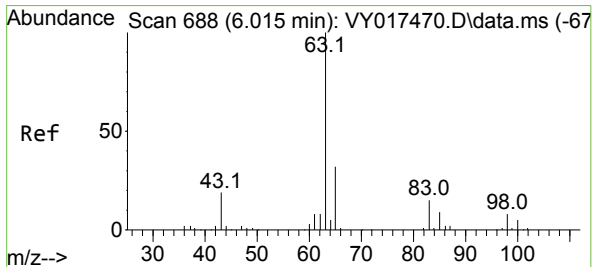
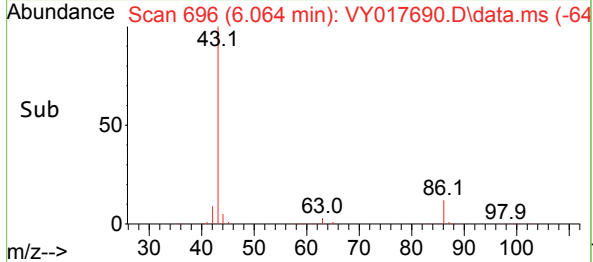
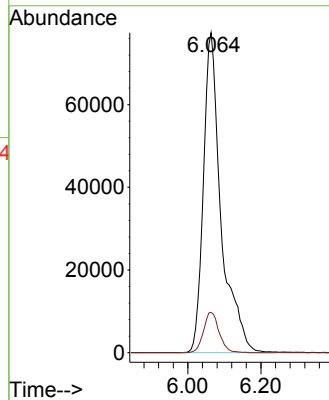
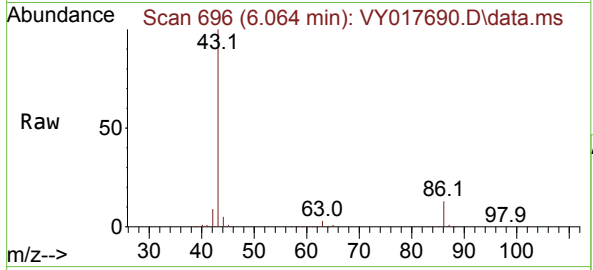




#23
Vinyl Acetate
Concen: 118.224 ug/l
RT: 6.064 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

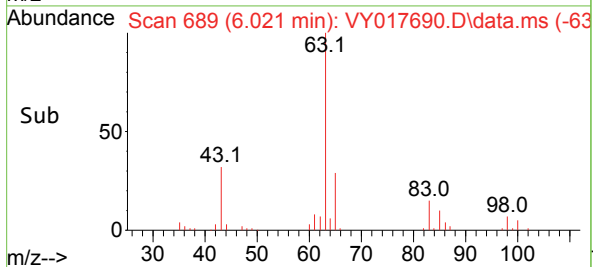
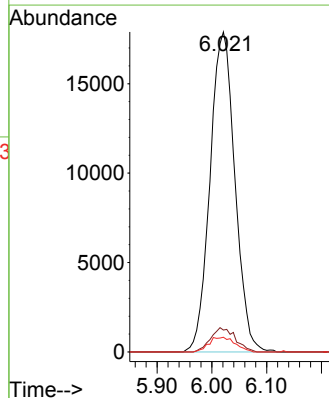
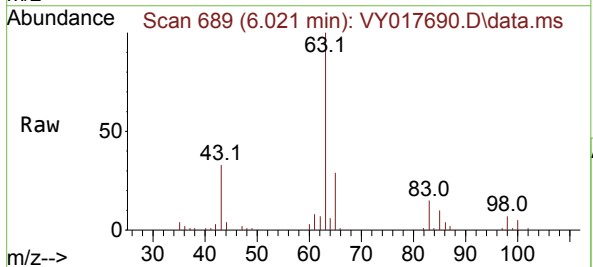
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

Tgt Ion: 43 Resp: 260423
Ion Ratio Lower Upper
43 100
86 12.6 10.6 16.0



#24
1,1-Dichloroethane
Concen: 22.342 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 63 Resp: 56425
Ion Ratio Lower Upper
63 100
98 6.9 4.0 12.2
100 4.6 2.6 8.0





#25

2-Butanone

Concen: 124.609 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

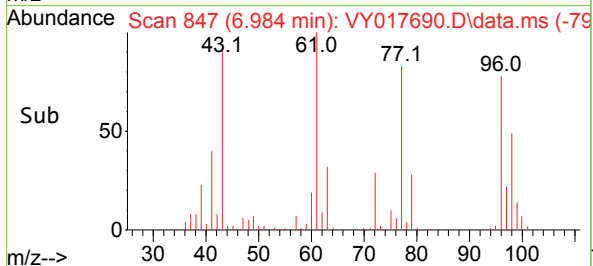
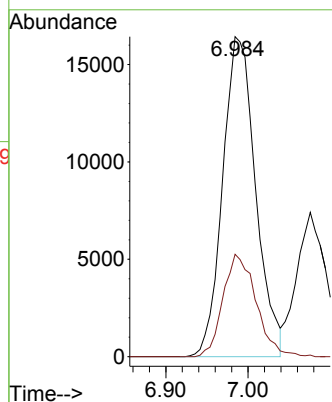
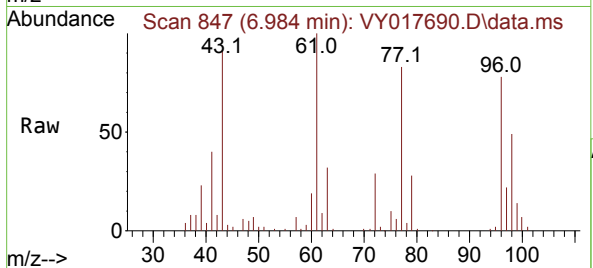
VY0318SBS01

Tgt Ion: 43 Resp: 45814

Ion Ratio Lower Upper

43 100

72 32.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.941 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017690.D

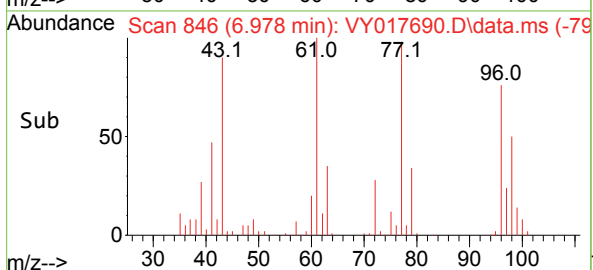
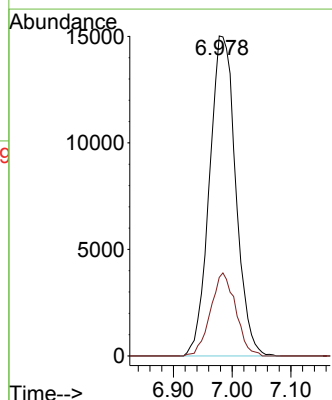
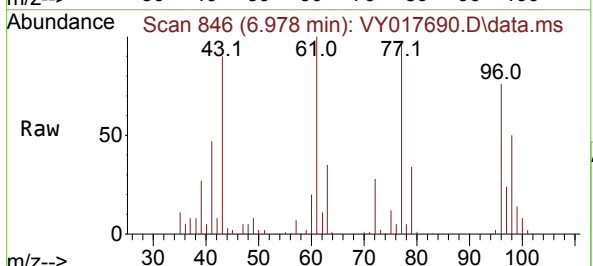
Acq: 18 Mar 2024 15:47

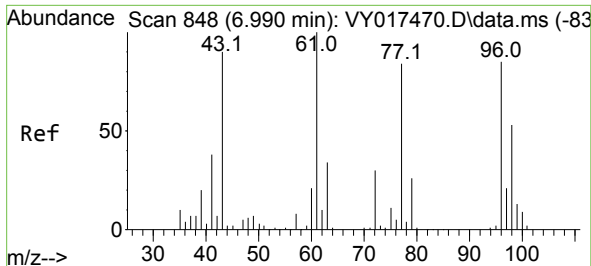
Tgt Ion: 77 Resp: 46588

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.636 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

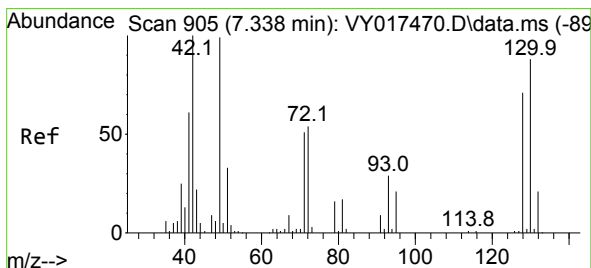
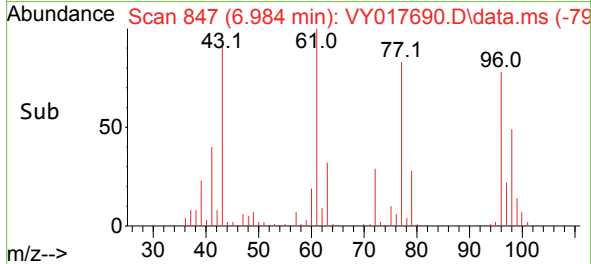
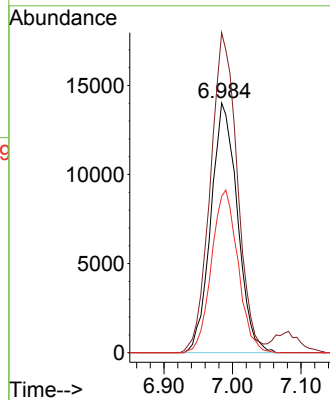
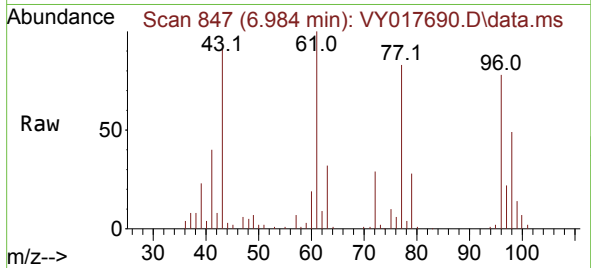
Tgt Ion: 96 Resp: 37710

Ion Ratio Lower Upper

96 100

61 129.8 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 21.800 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

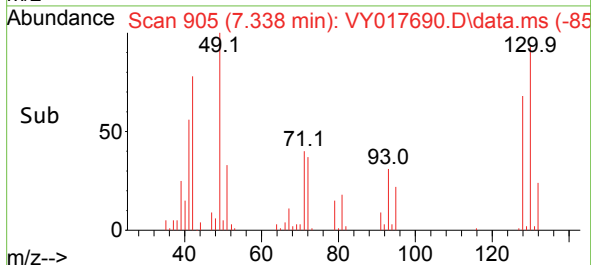
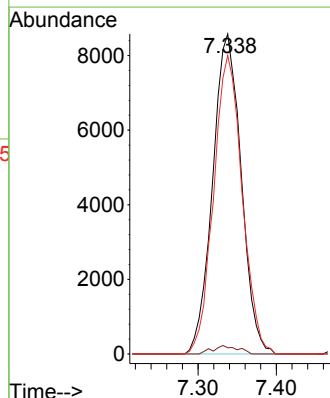
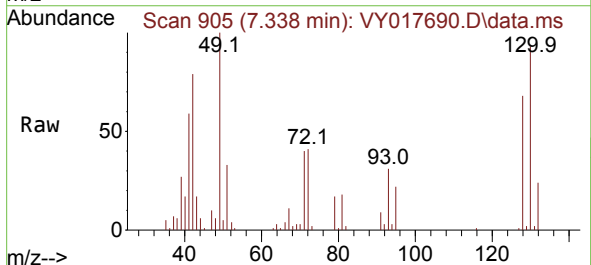
Tgt Ion: 49 Resp: 21683

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 93.3 72.7 109.1

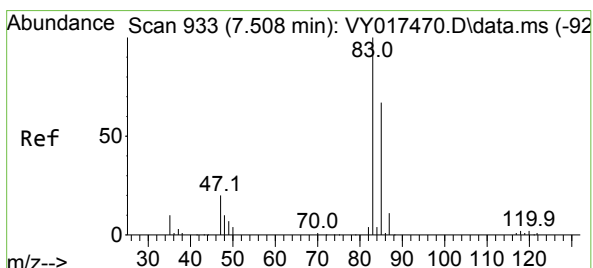
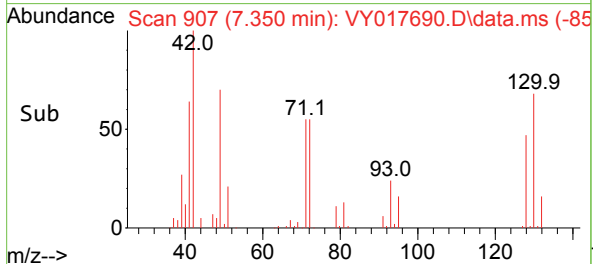
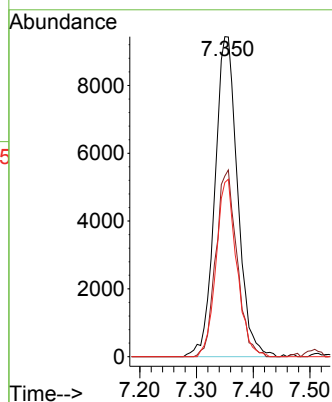
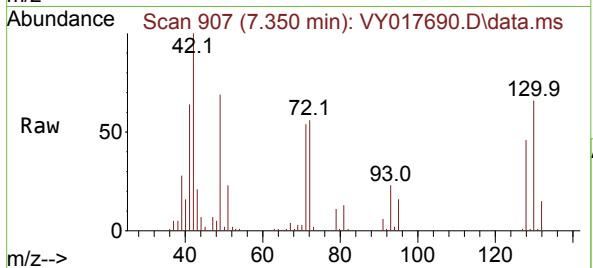




#29
Tetrahydrofuran
Concen: 118.310 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

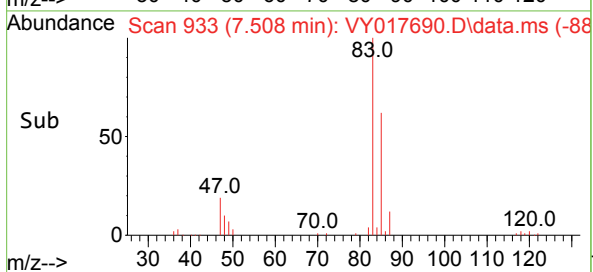
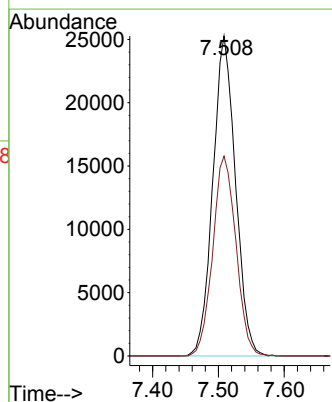
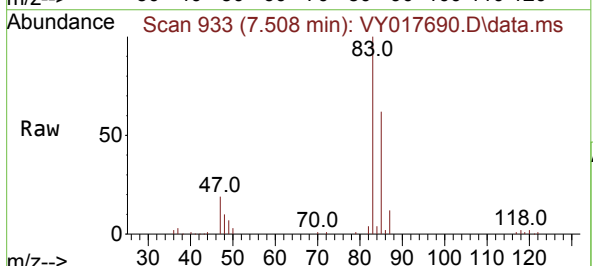
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

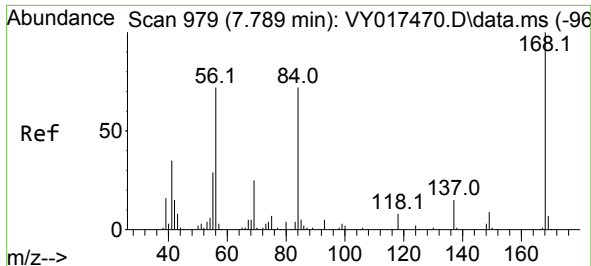
Tgt Ion:	42	Resp:	26221
Ion	Ratio	Lower	Upper
42	100		
72	54.3	43.0	64.4
71	50.6	40.8	61.2



#30
Chloroform
Concen: 22.524 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:	83	Resp:	60563
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4

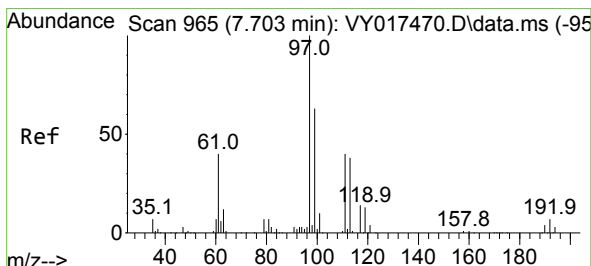
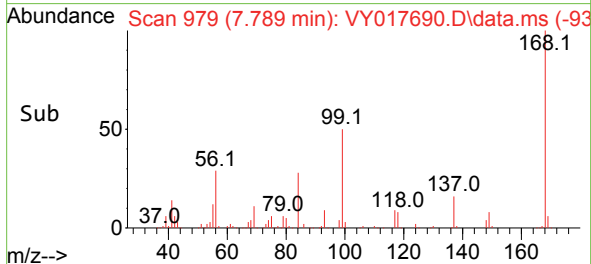
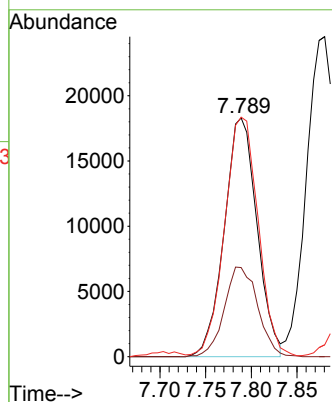
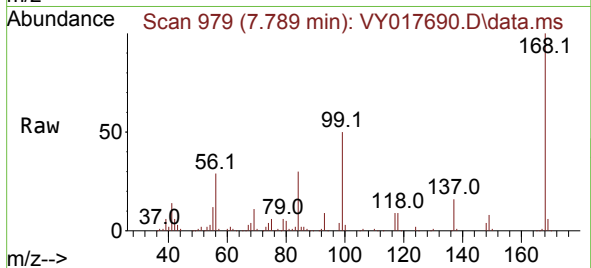




#31
Cyclohexane
Concen: 21.098 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

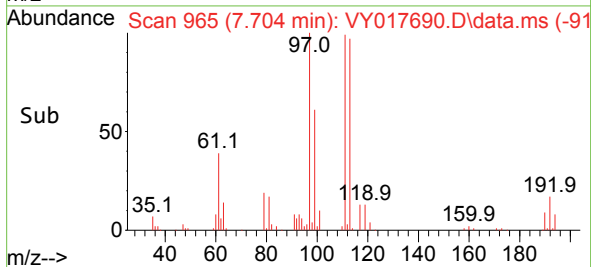
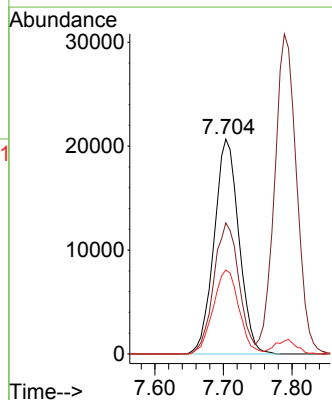
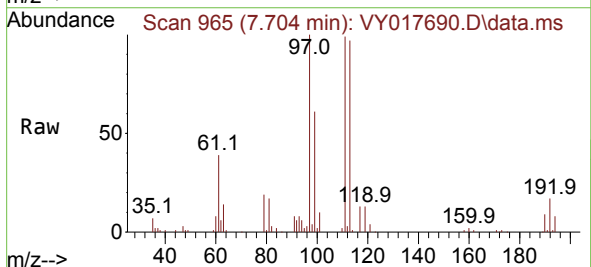
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

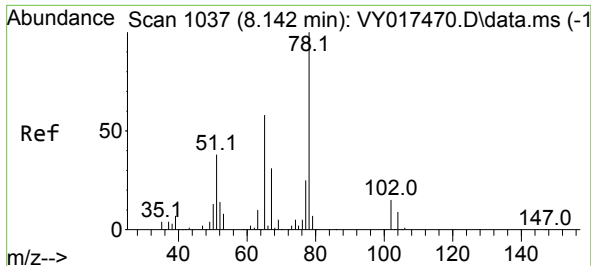
Tgt Ion: 56 Resp: 45670
Ion Ratio Lower Upper
56 100
69 37.1 28.7 43.1
84 99.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.216 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 97 Resp: 51861
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.976 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

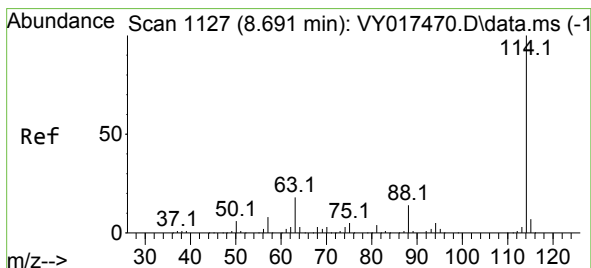
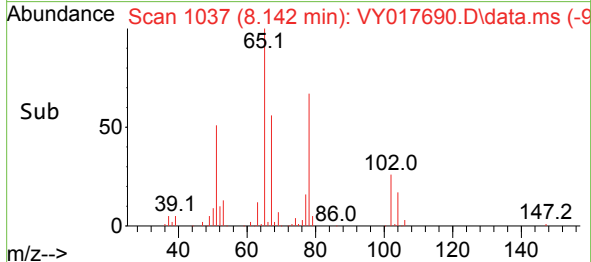
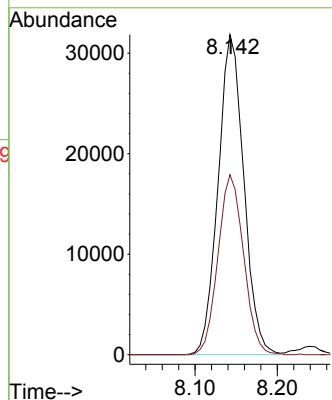
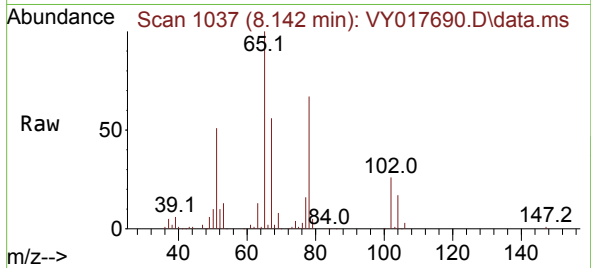
VY0318SBS01

Tgt Ion: 65 Resp: 69133

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

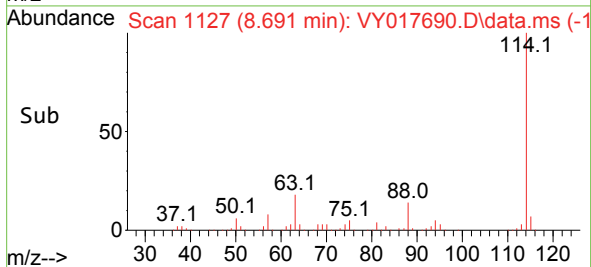
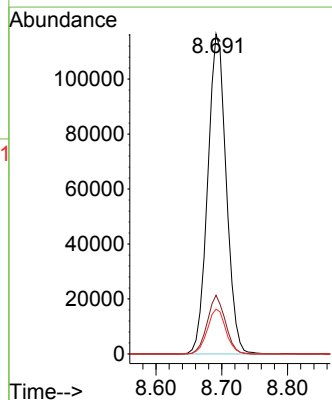
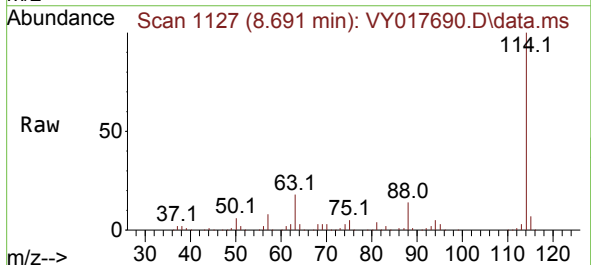
Tgt Ion: 114 Resp: 227815

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.0 0.0 27.2

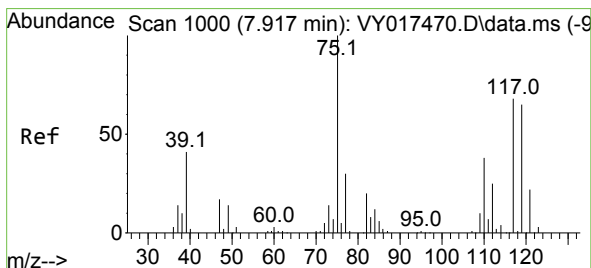
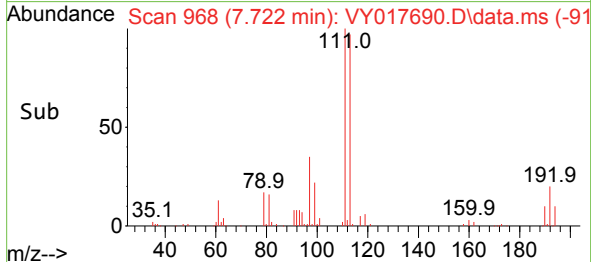
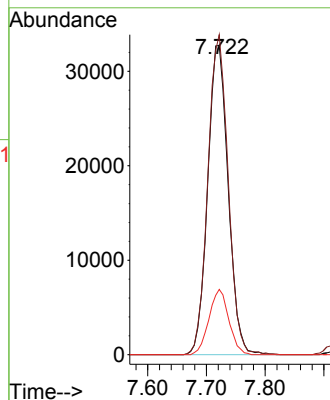
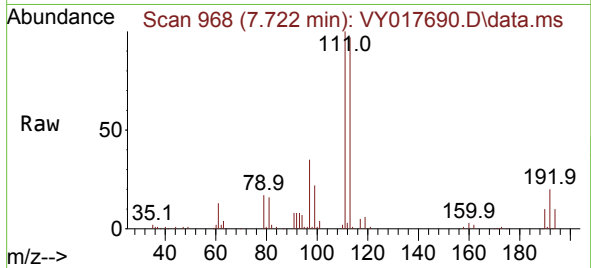




#35
Dibromofluoromethane
Concen: 50.097 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

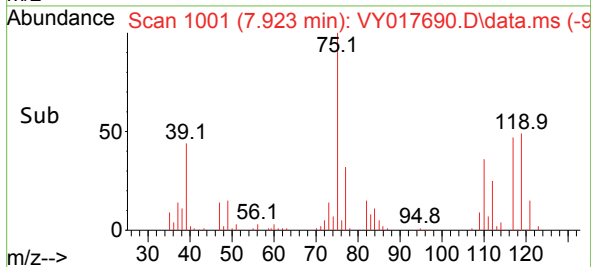
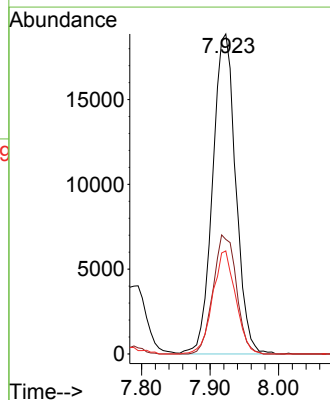
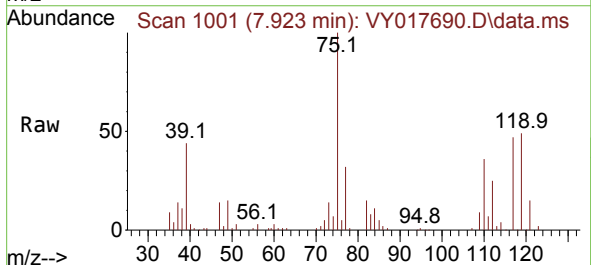
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

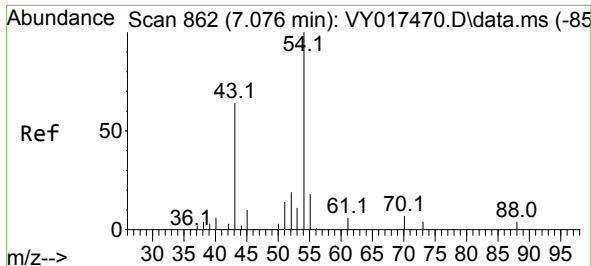
Tgt Ion:113 Resp: 79528
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.618 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 75 Resp: 44161
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 32.1 25.3 37.9





#37

Ethyl Acetate

Concen: 22.550 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

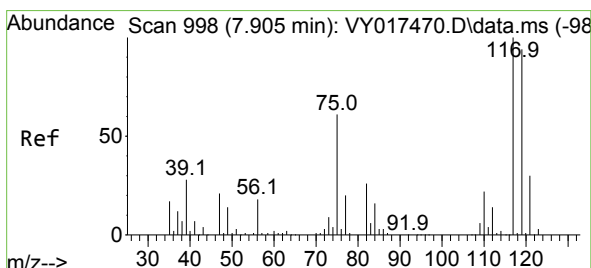
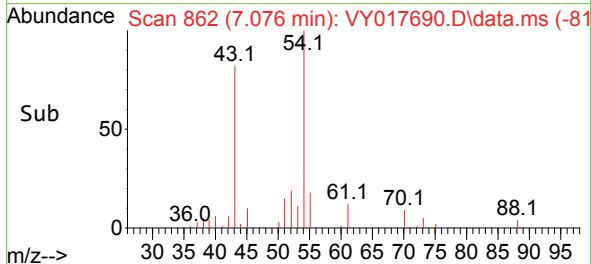
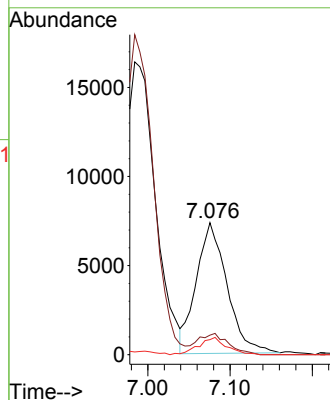
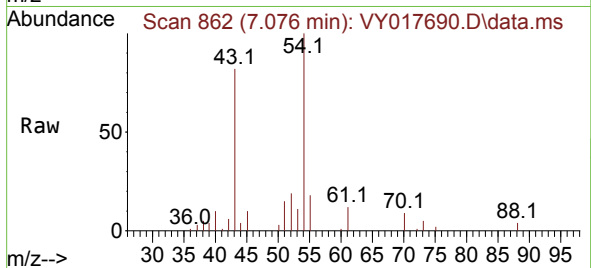
Tgt Ion: 43 Resp: 19076

Ion Ratio Lower Upper

43 100

61 16.7 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 20.638 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

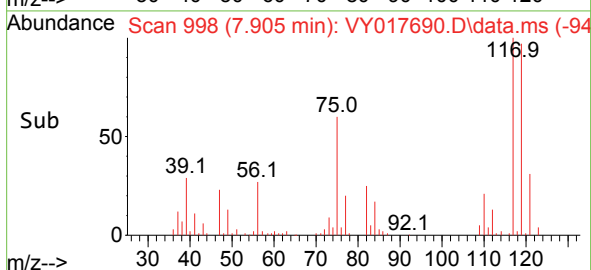
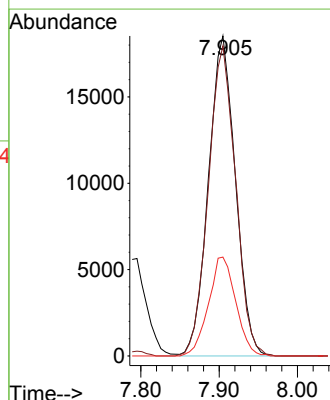
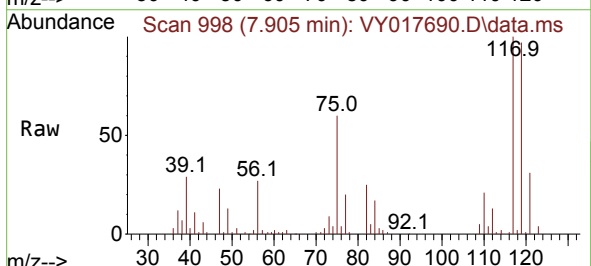
Tgt Ion: 117 Resp: 44302

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 20.223 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBSD01

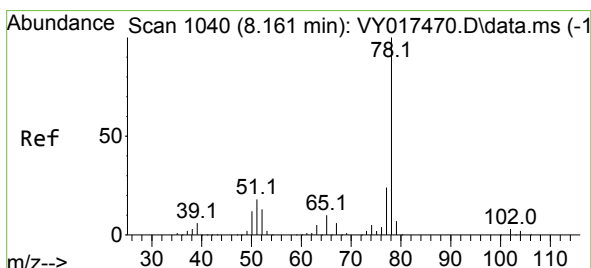
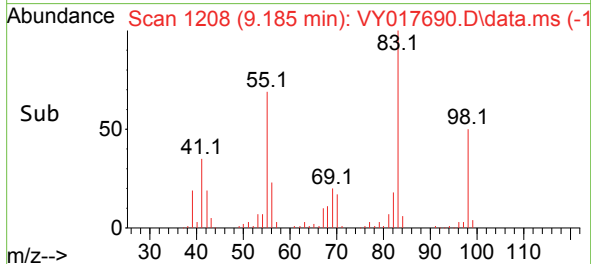
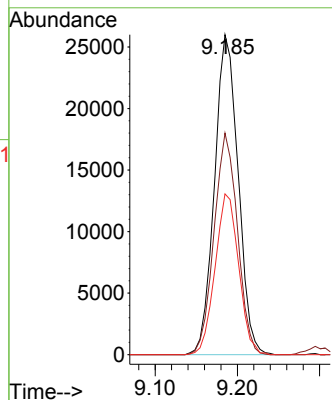
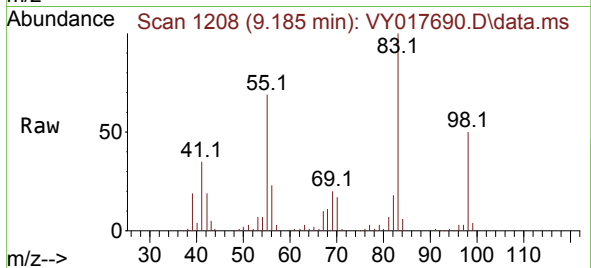
Tgt Ion: 83 Resp: 52056

Ion Ratio Lower Upper

83 100

55 69.2 51.5 77.3

98 50.3 40.5 60.7



#40

Benzene

Concen: 21.376 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017690.D

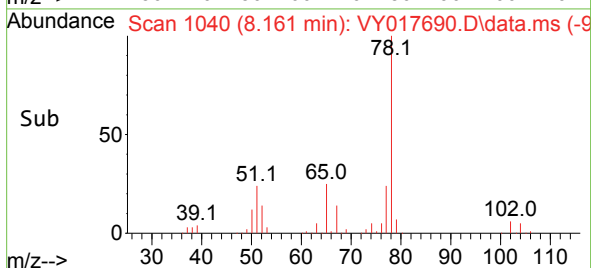
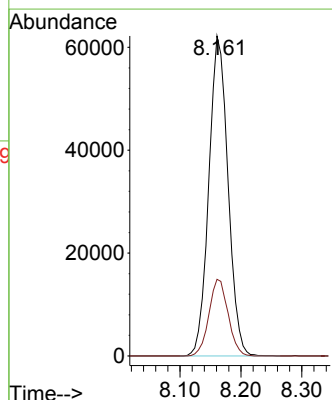
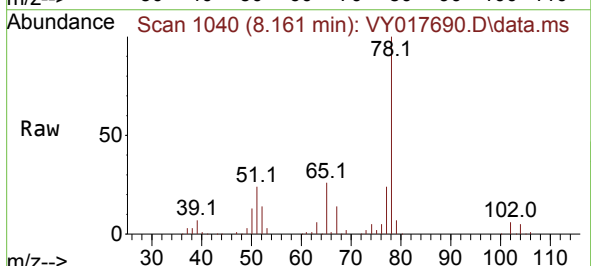
Acq: 18 Mar 2024 15:47

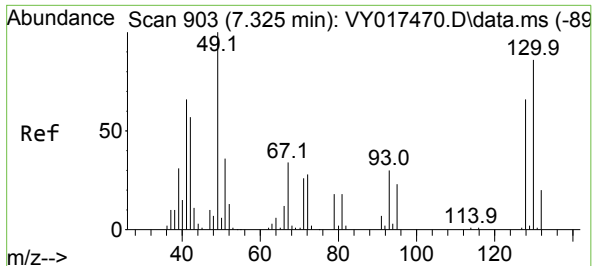
Tgt Ion: 78 Resp: 135965

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

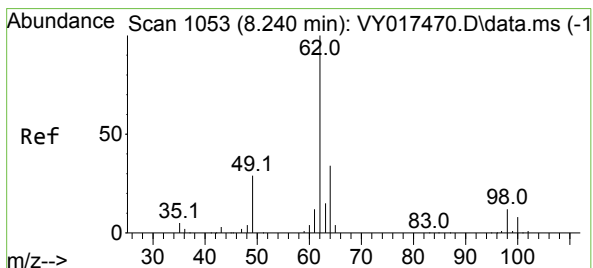
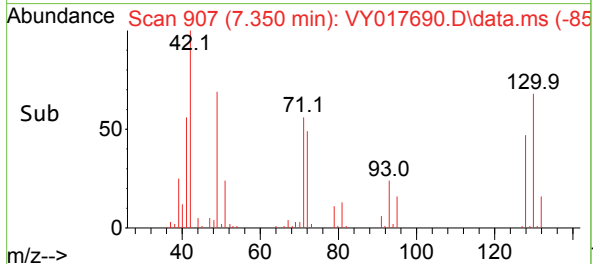
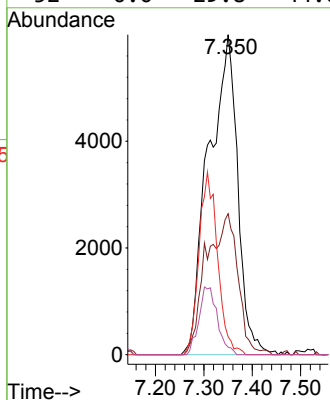
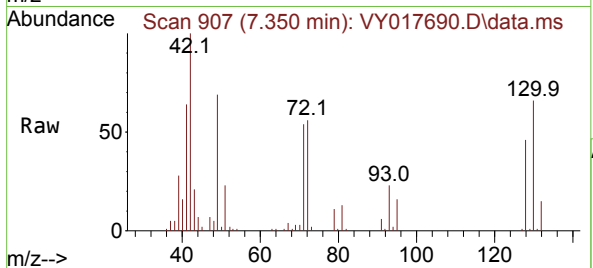




#41
Methacrylonitrile
Concen: 58.924 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

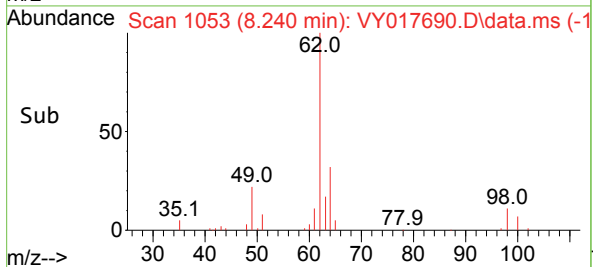
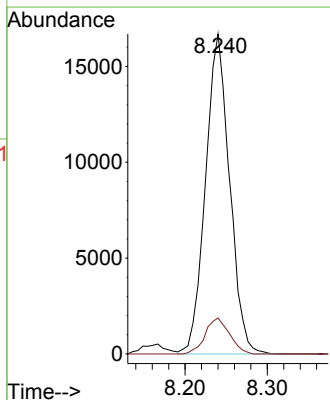
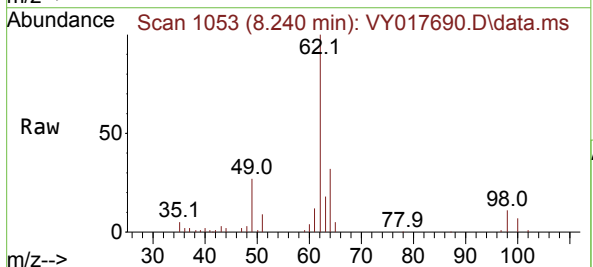
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

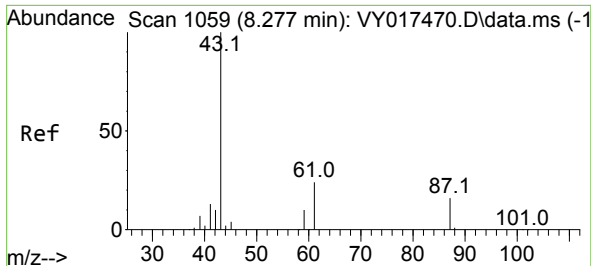
Tgt Ion: 41 Resp: 25014
Ion Ratio Lower Upper
41 100
39 47.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.900 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 62 Resp: 33988
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0

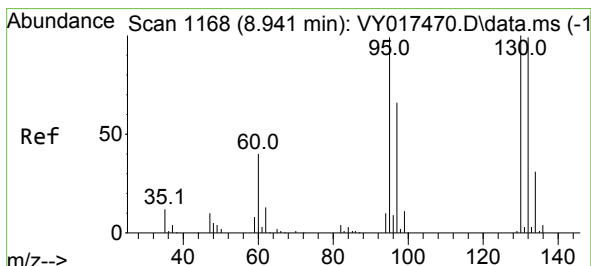
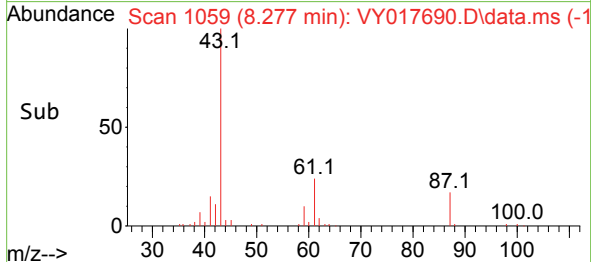
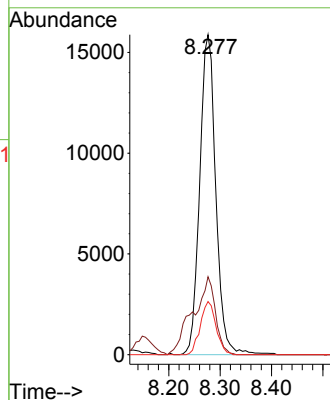
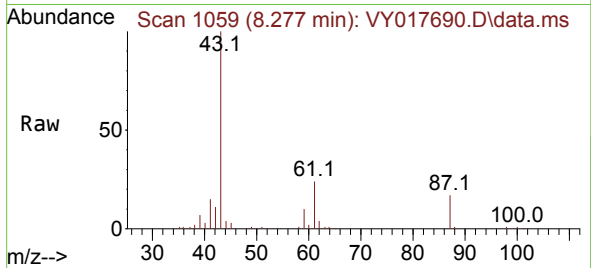




#43
Isopropyl Acetate
Concen: 23.229 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

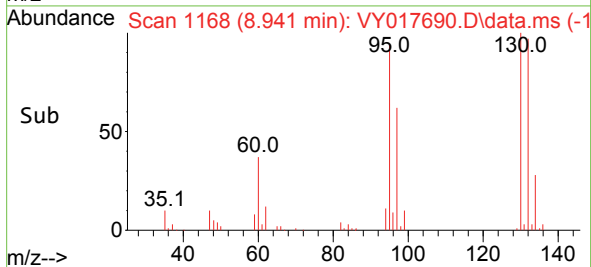
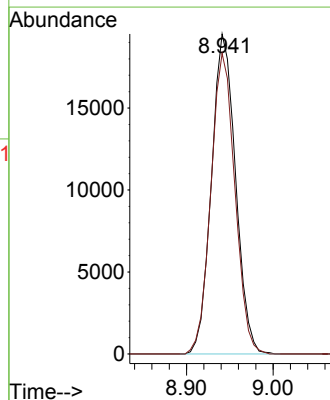
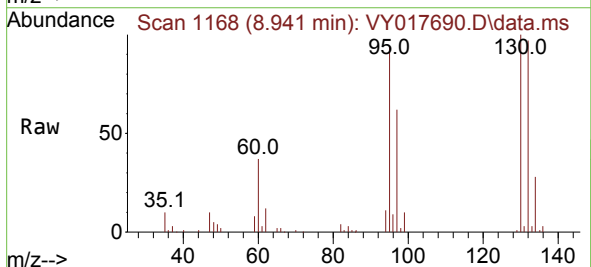
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

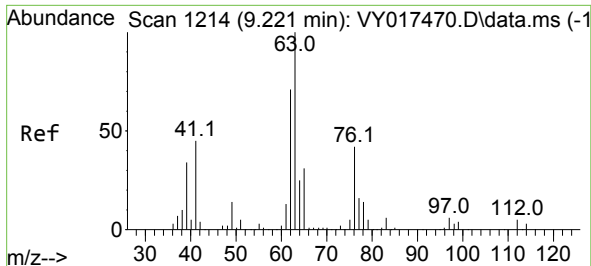
Tgt Ion: 43 Resp: 34531
Ion Ratio Lower Upper
43 100
61 34.0 27.9 41.9
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 20.557 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:130 Resp: 37689
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.019 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

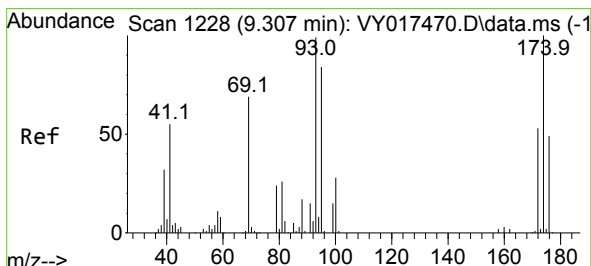
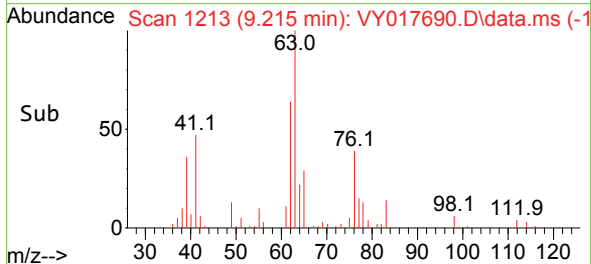
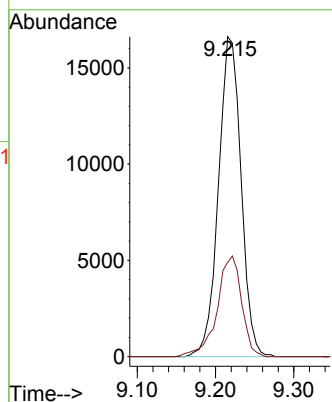
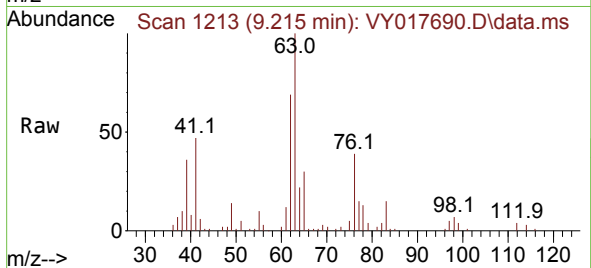
VY0318SBS01

Tgt Ion: 63 Resp: 33322

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 21.734 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

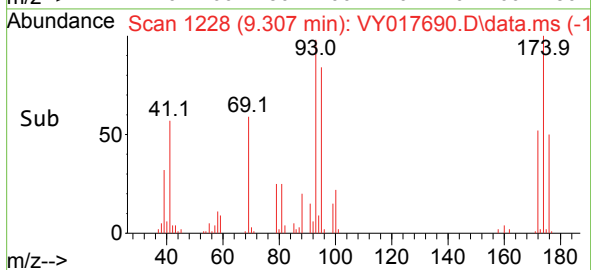
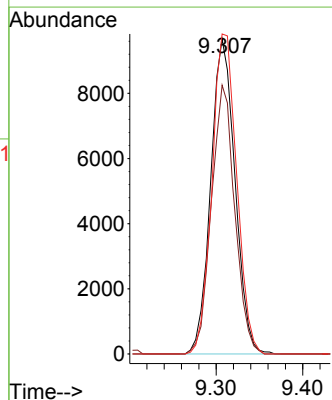
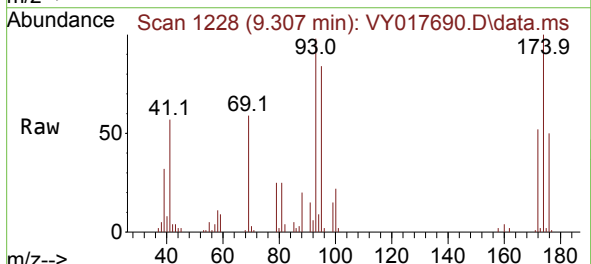
Tgt Ion: 93 Resp: 18823

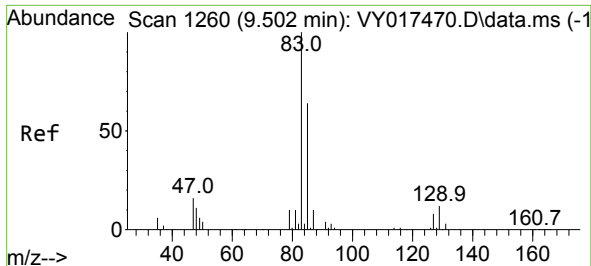
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

174 103.5 80.9 121.3

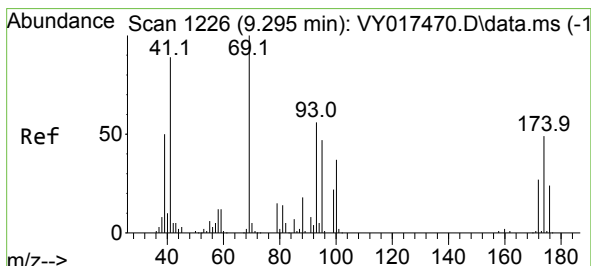
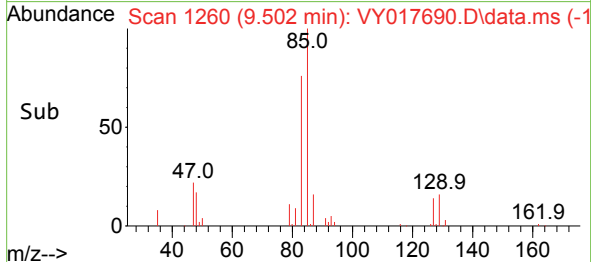
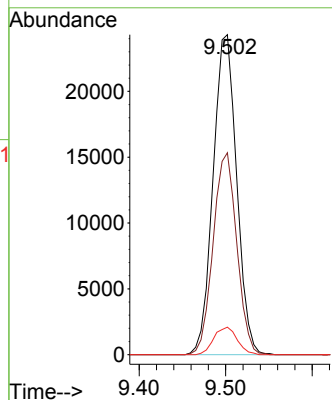
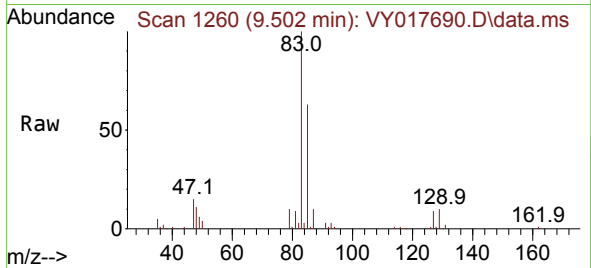




#47
Bromodichloromethane
Concen: 21.843 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

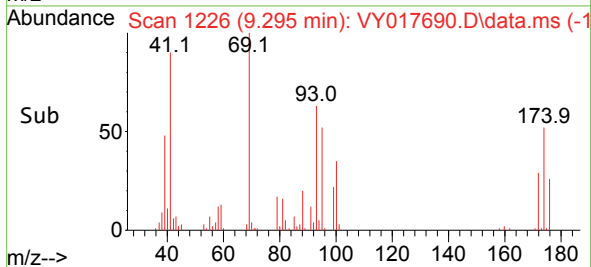
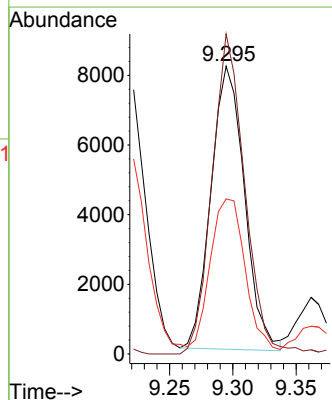
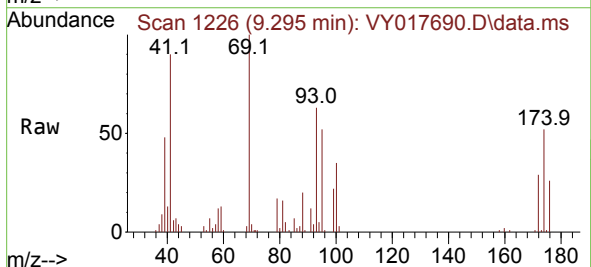
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

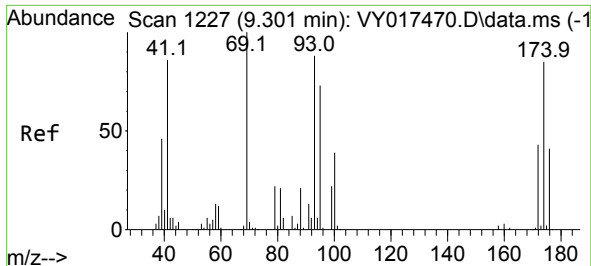
Tgt Ion: 83 Resp: 45933
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 21.750 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 41 Resp: 14966
Ion Ratio Lower Upper
41 100
69 110.5 84.1 126.1
39 58.2 43.6 65.4

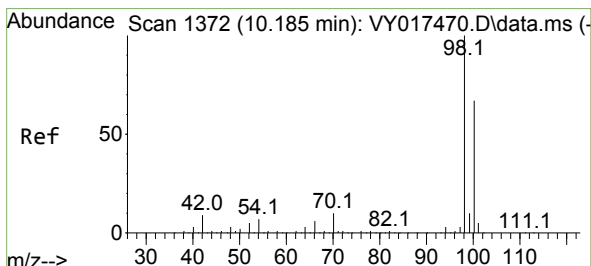
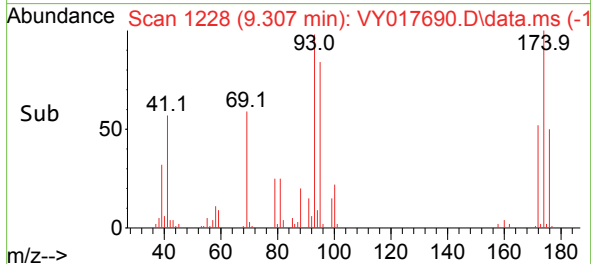
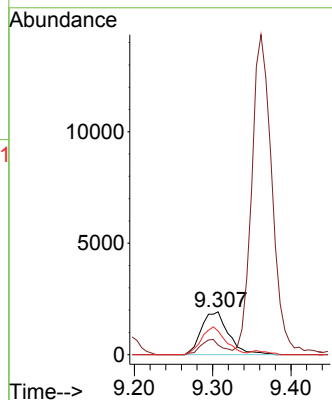
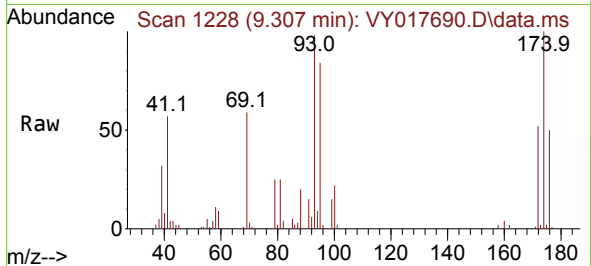




#49
1,4-Dioxane
Concen: 473.191 ug/l
RT: 9.307 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

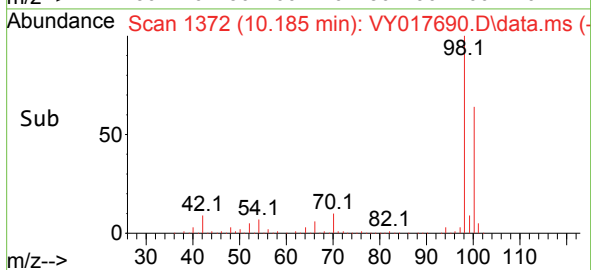
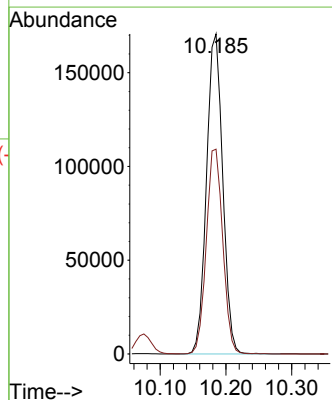
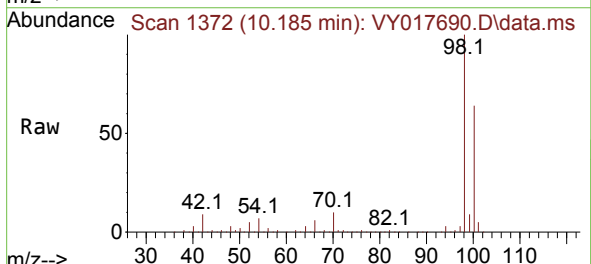
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

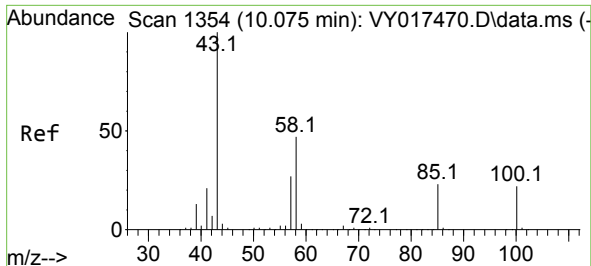
Tgt Ion: 88 Resp: 4638
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 57.2 49.3 73.9



#50
Toluene-d8
Concen: 52.680 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 98 Resp: 292398
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

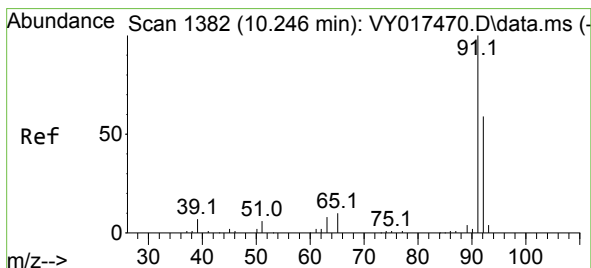
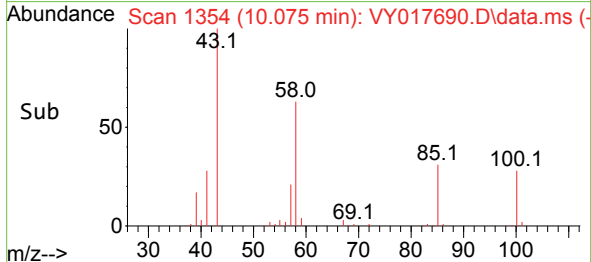
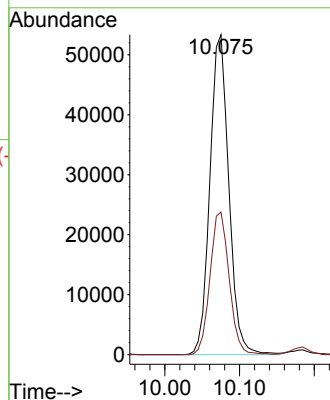
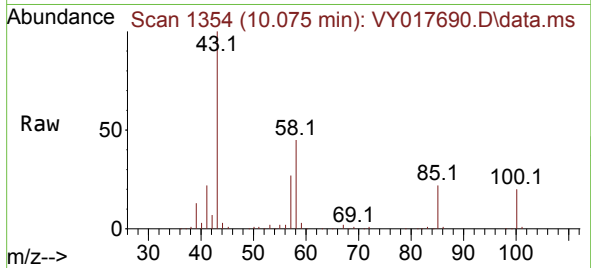




#51
4-Methyl-2-Pentanone
Concen: 113.300 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

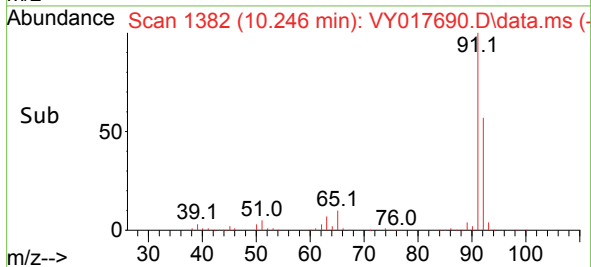
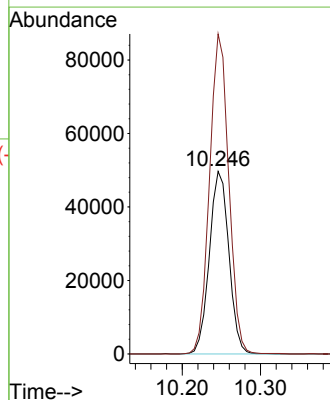
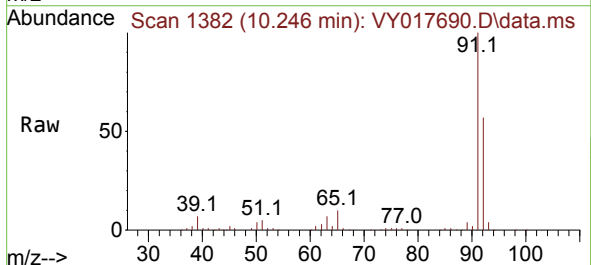
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

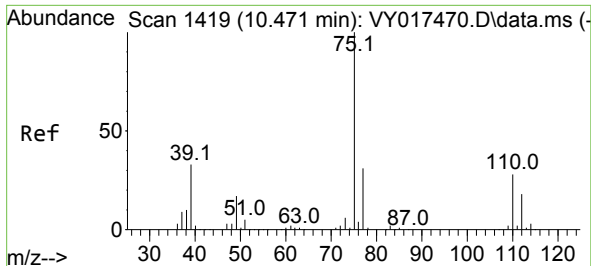
Tgt Ion: 43 Resp: 93870
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5



#52
Toluene
Concen: 21.417 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 92 Resp: 85881
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6

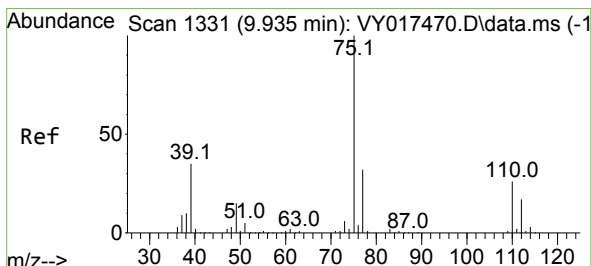
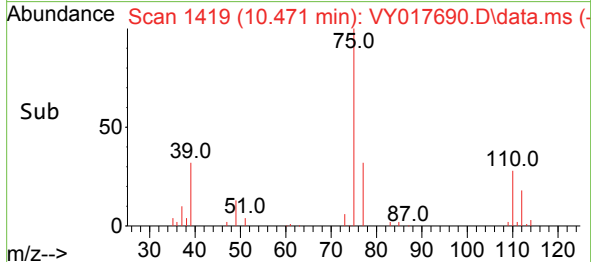
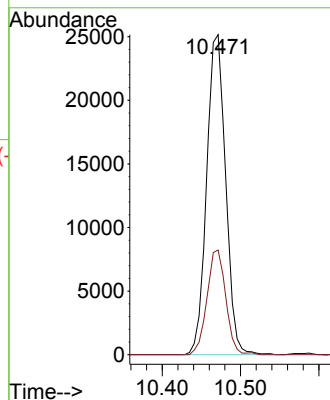
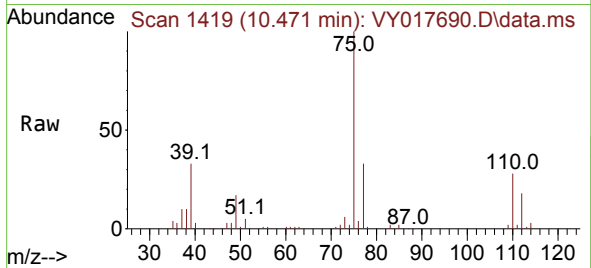




#53
 t-1,3-Dichloropropene
 Concen: 21.652 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017690.D
 Acq: 18 Mar 2024 15:47

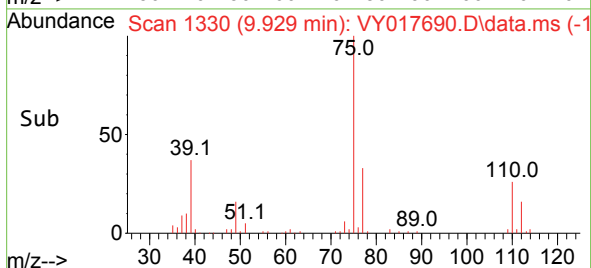
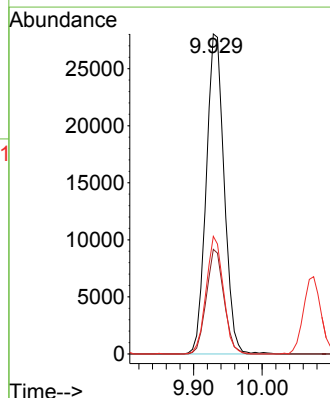
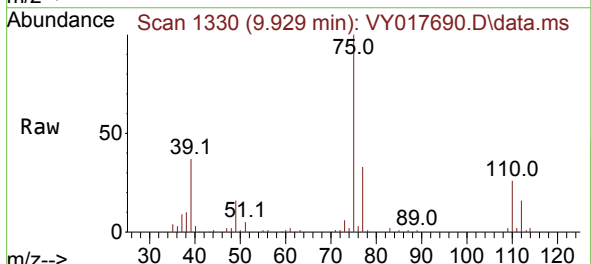
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

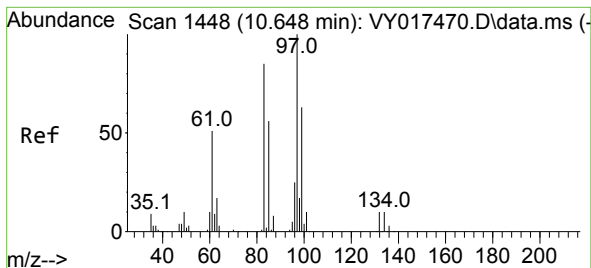
Tgt Ion: 75 Resp: 42262
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.495 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017690.D
 Acq: 18 Mar 2024 15:47

Tgt Ion: 75 Resp: 50979
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 36.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.620 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tgt Ion: 97 Resp: 26585

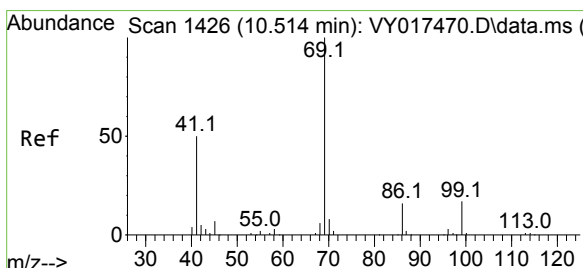
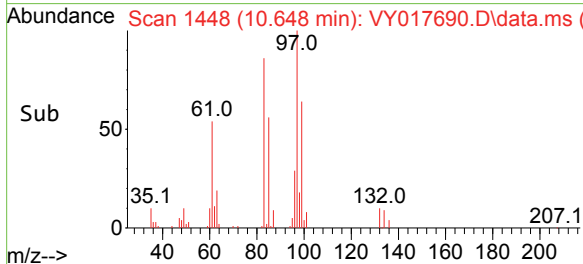
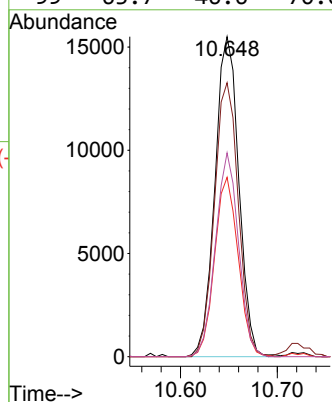
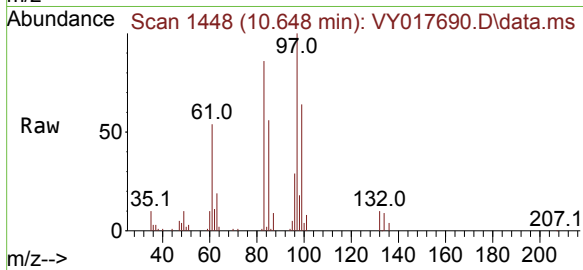
Ion Ratio Lower Upper

97 100

83 85.6 67.5 101.3

85 56.1 42.9 64.3

99 63.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.390 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

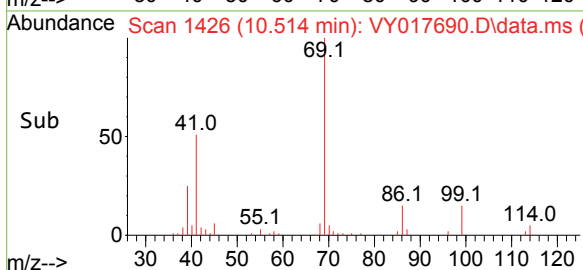
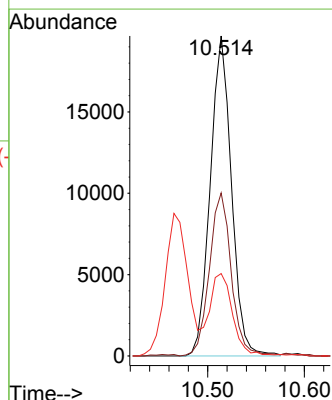
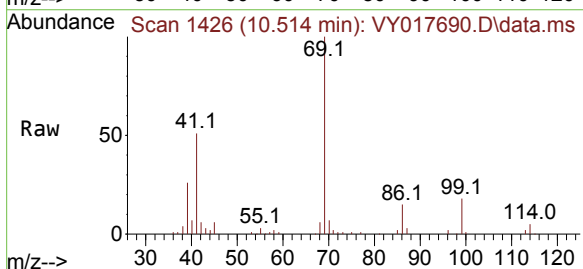
Tgt Ion: 69 Resp: 30045

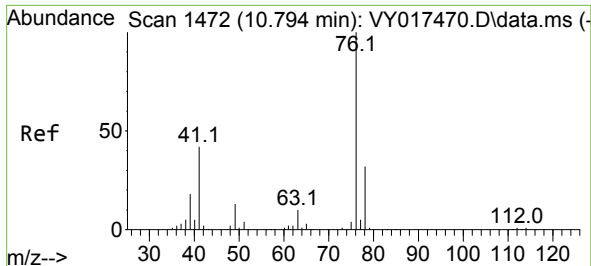
Ion Ratio Lower Upper

69 100

41 52.7 42.3 63.5

39 27.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 21.640 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

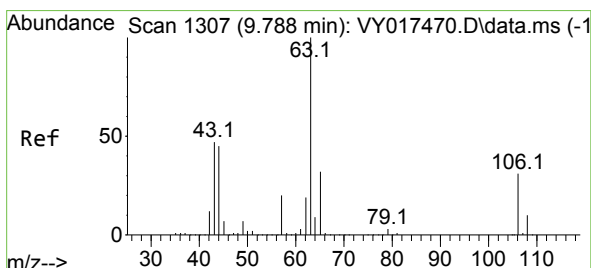
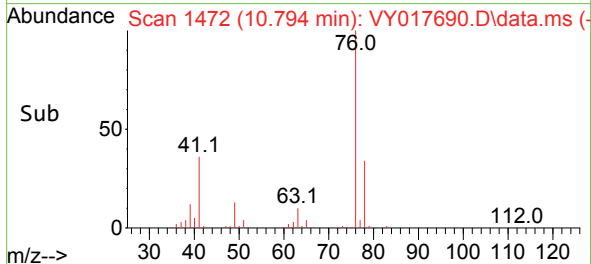
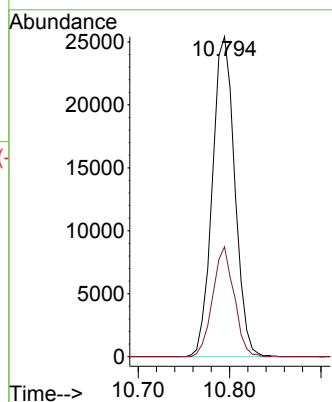
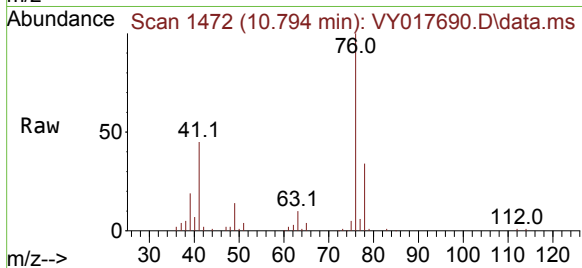
VY0318SBSD01

Tgt Ion: 76 Resp: 43265

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.072 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017690.D

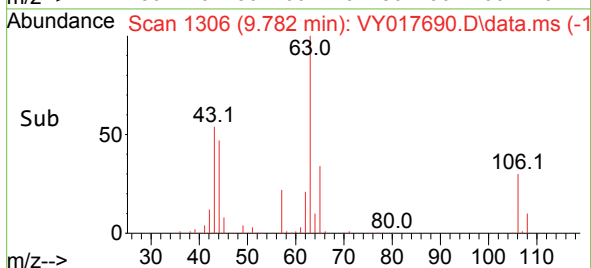
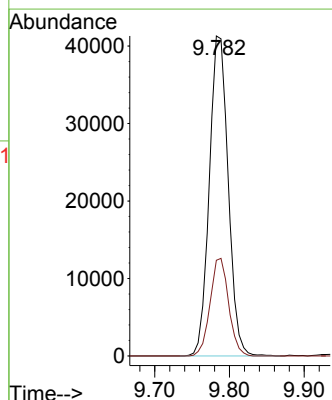
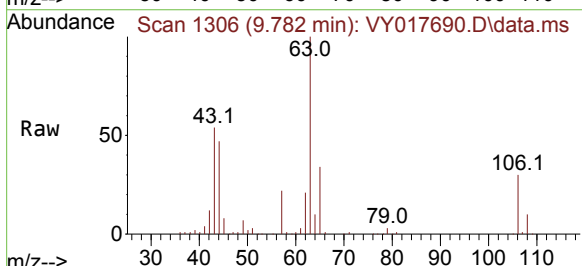
Acq: 18 Mar 2024 15:47

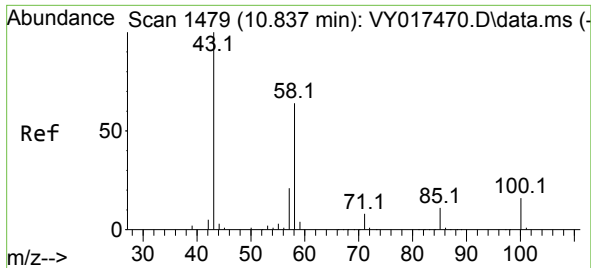
Tgt Ion: 63 Resp: 72428

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

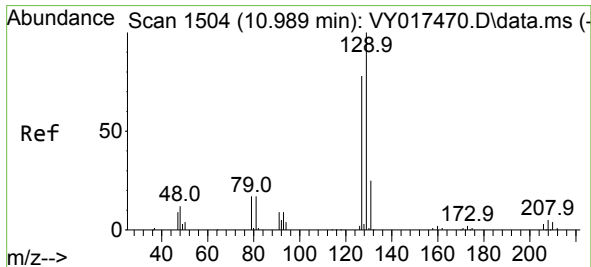
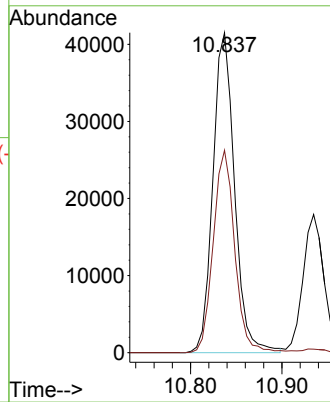
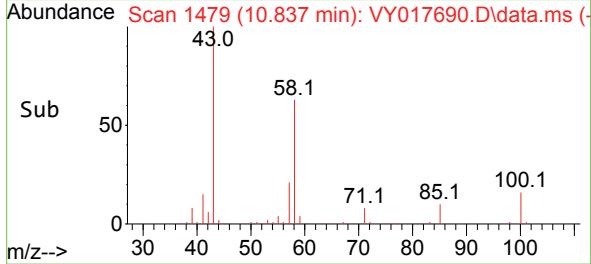
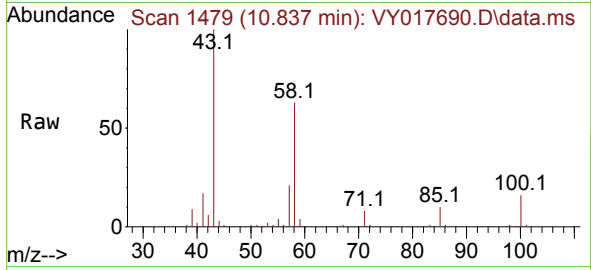




#59
2-Hexanone
Concen: 119.917 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

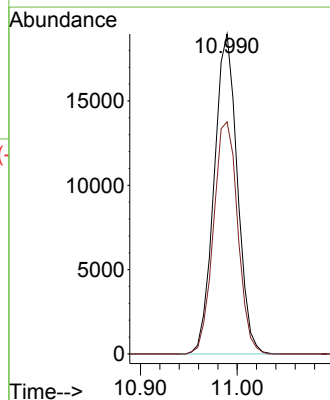
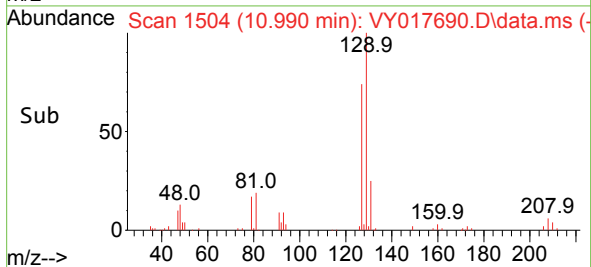
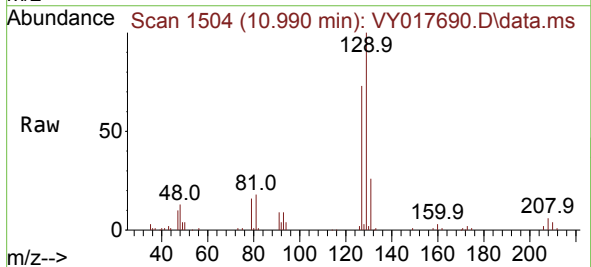
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 43 Resp: 68243
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 21.696 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 129 Resp: 31561
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0

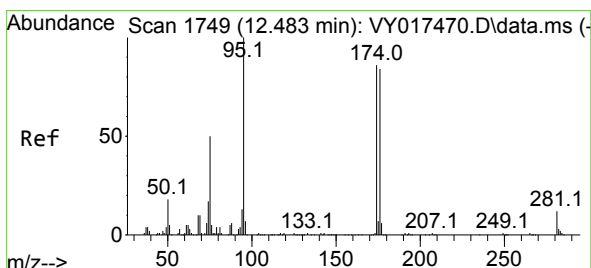
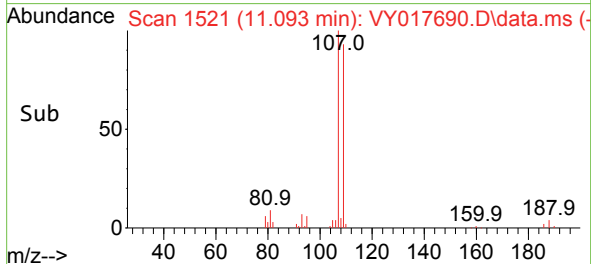
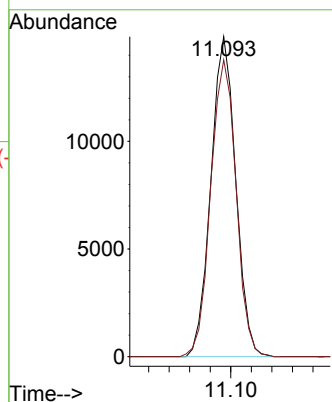
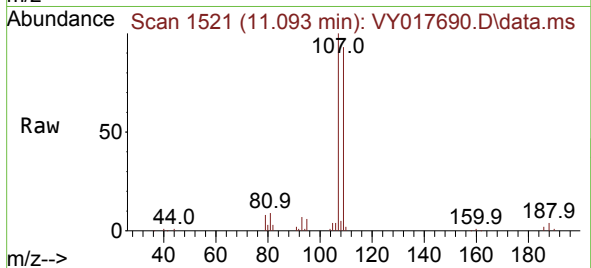




#61
1,2-Dibromoethane
Concen: 22.019 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

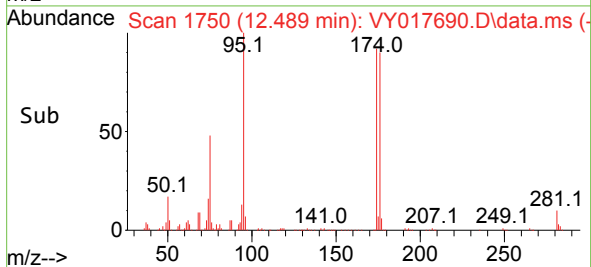
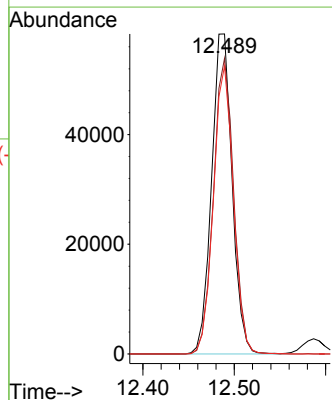
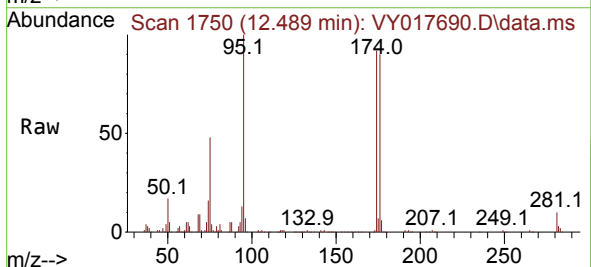
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

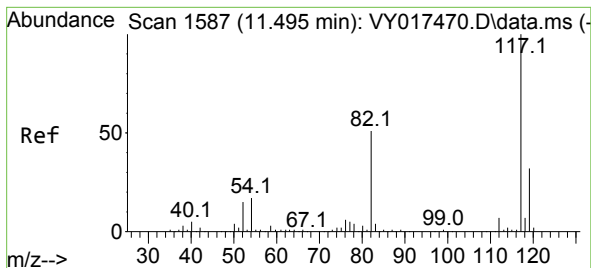
Tgt Ion:107 Resp: 24952
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.184 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 95 Resp: 91028
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 87.5 0.0 171.4

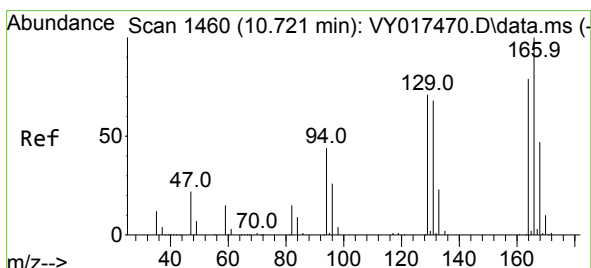
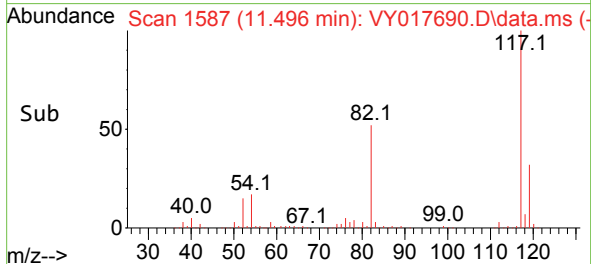
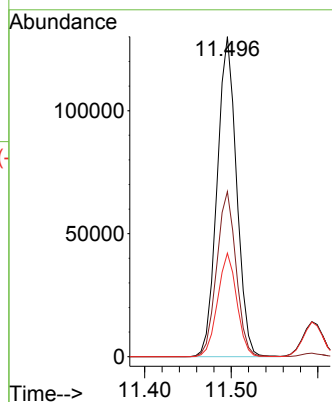
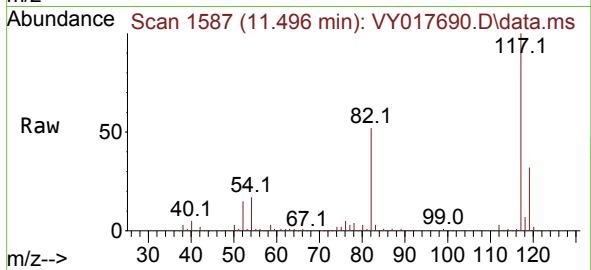




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

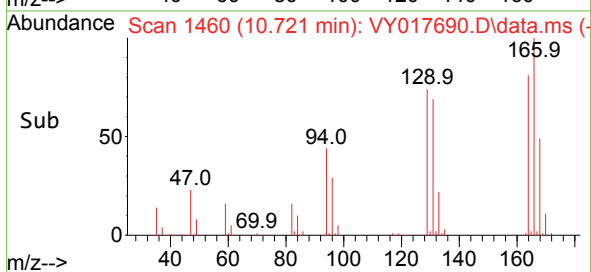
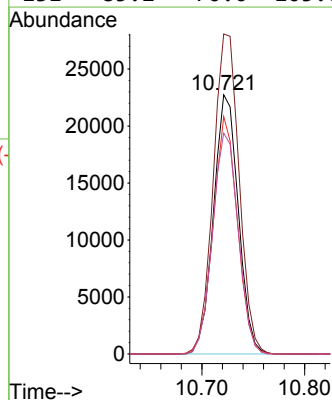
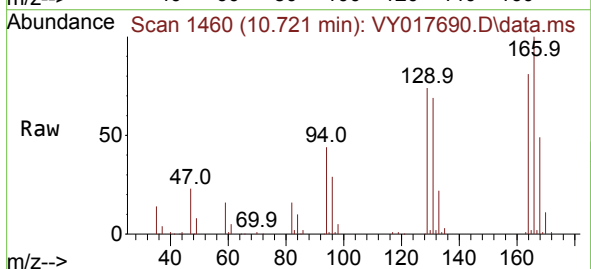
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

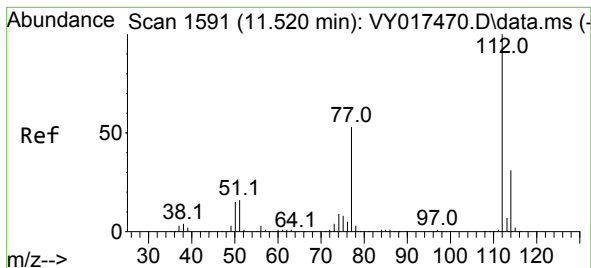
Tgt Ion:117 Resp: 202924
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 19.580 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:164 Resp: 38137
Ion Ratio Lower Upper
164 100
166 123.5 102.6 154.0
129 91.5 72.0 108.0
131 85.2 70.0 105.0





#65

Chlorobenzene

Concen: 20.783 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

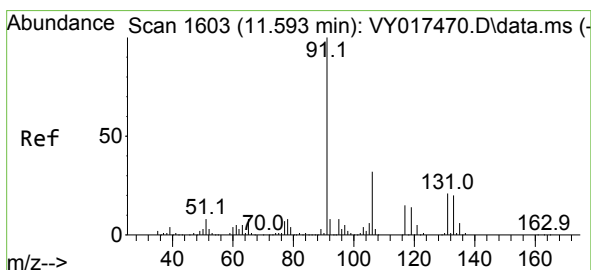
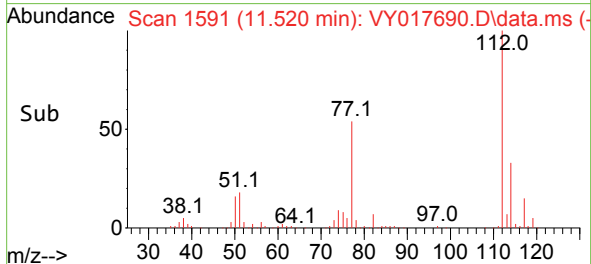
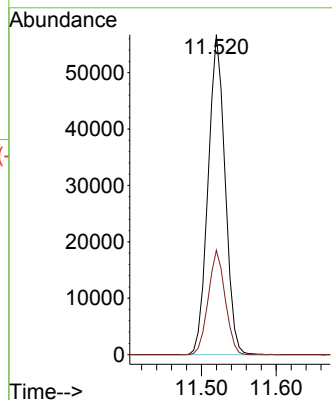
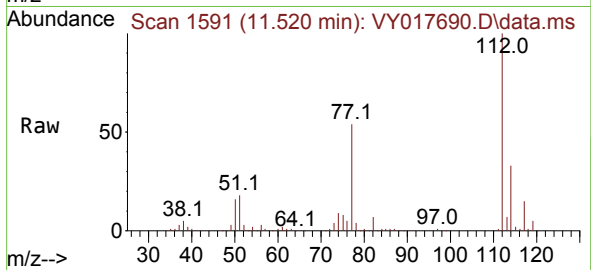
VY0318SBS01

Tgt Ion:112 Resp: 89518

Ion Ratio Lower Upper

112 100

114 32.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.598 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

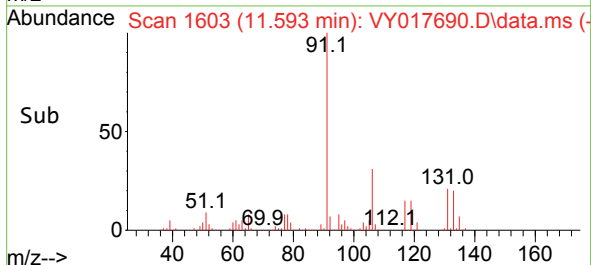
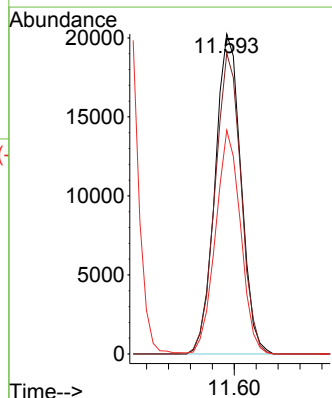
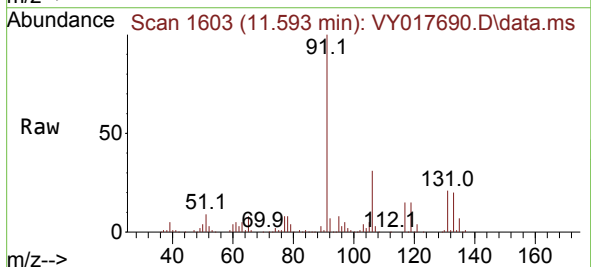
Tgt Ion:131 Resp: 33237

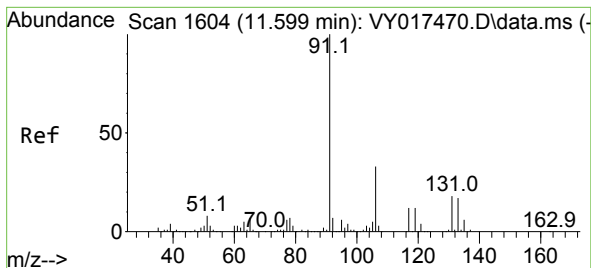
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.593 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

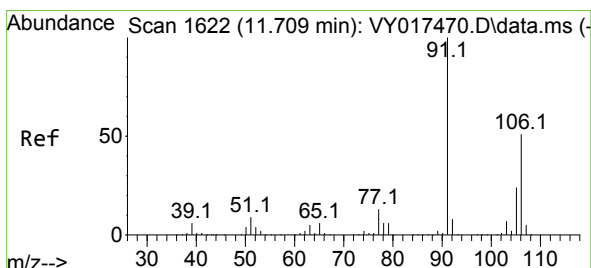
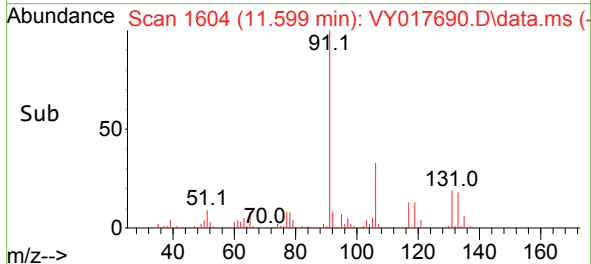
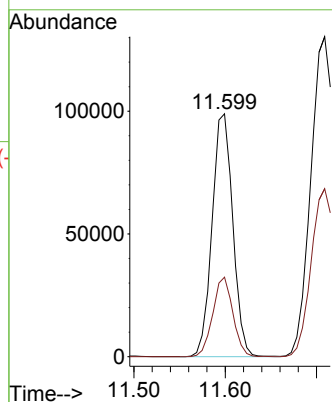
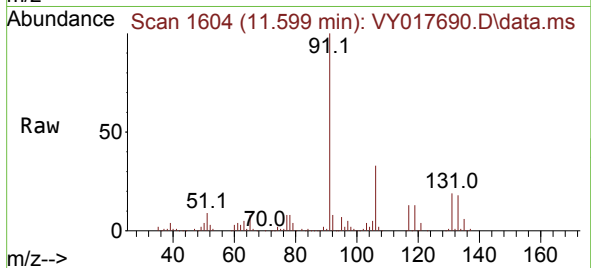
VY0318SBSD01

Tgt Ion: 91 Resp: 155559

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 41.957 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017690.D

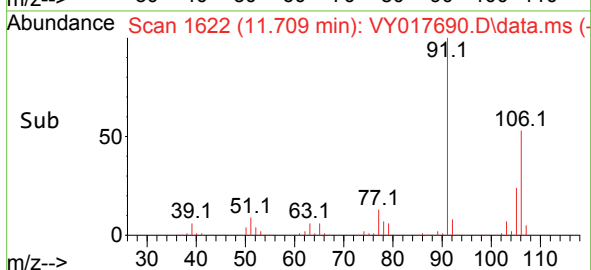
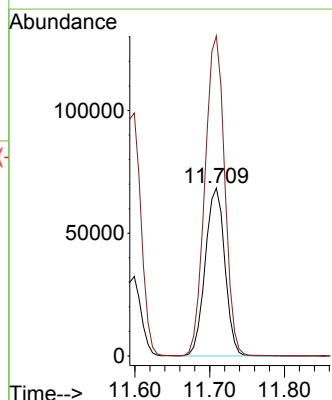
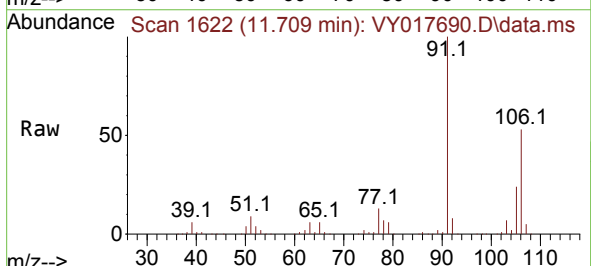
Acq: 18 Mar 2024 15:47

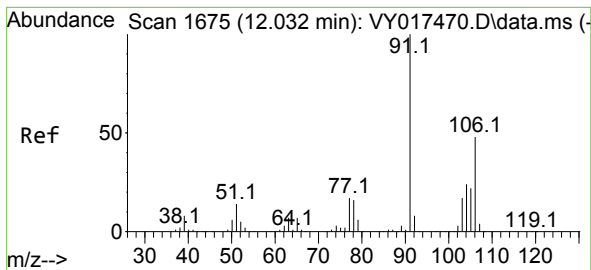
Tgt Ion: 106 Resp: 124535

Ion Ratio Lower Upper

106 100

91 191.9 156.0 234.0

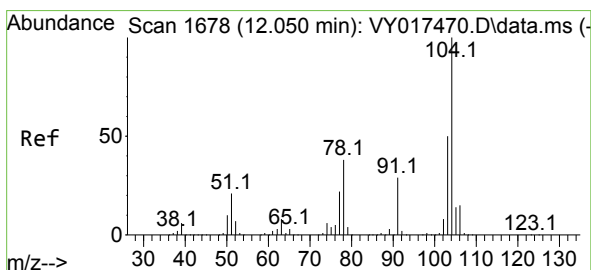
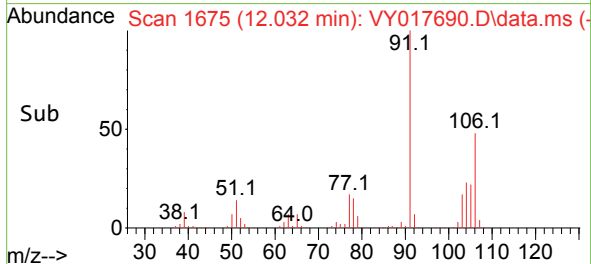
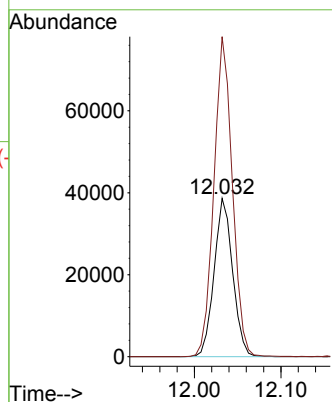
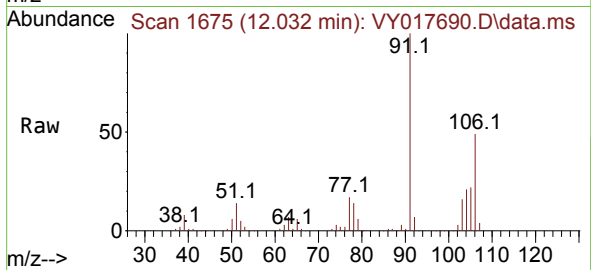




#69
o-Xylene
Concen: 20.864 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

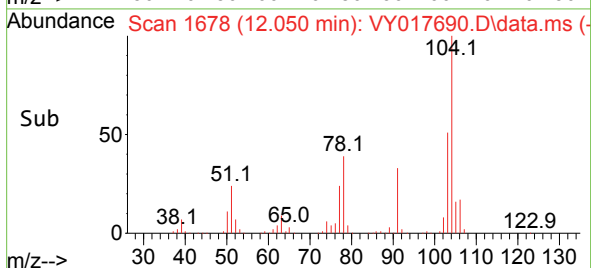
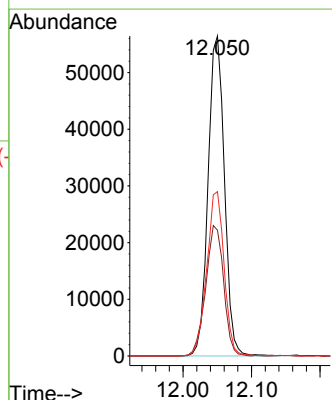
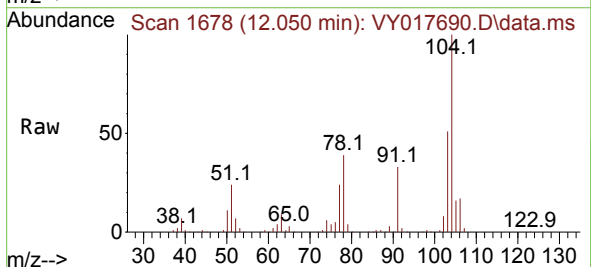
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

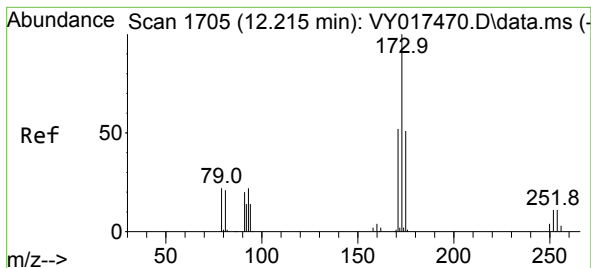
Tgt Ion:106 Resp: 57454
Ion Ratio Lower Upper
106 100
91 201.3 103.6 310.8



#70
Styrene
Concen: 20.534 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:104 Resp: 93860
Ion Ratio Lower Upper
104 100
78 44.7 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 21.148 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBSD01

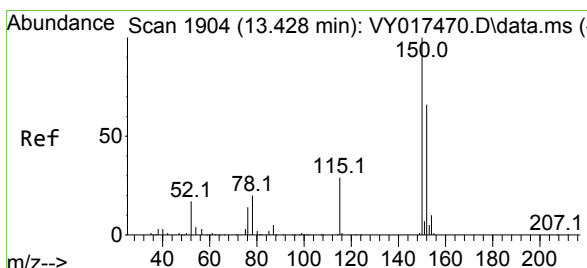
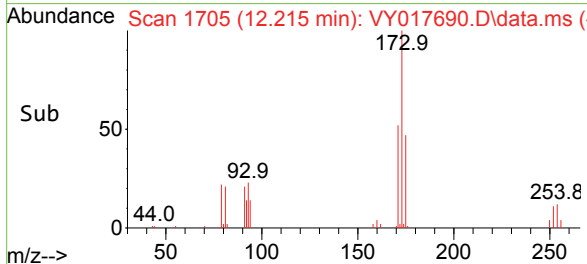
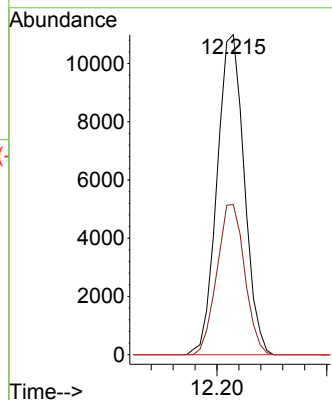
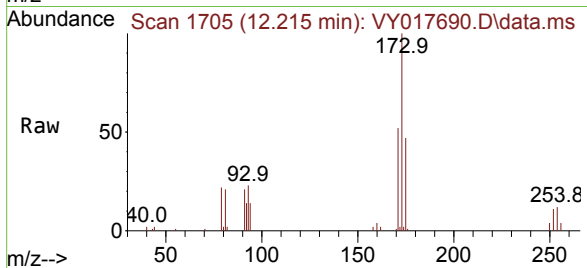
Tgt Ion:173 Resp: 18910

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

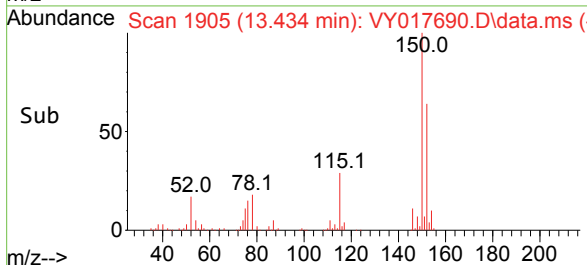
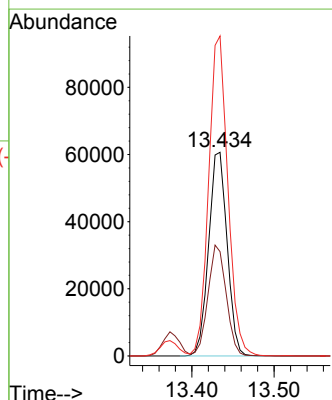
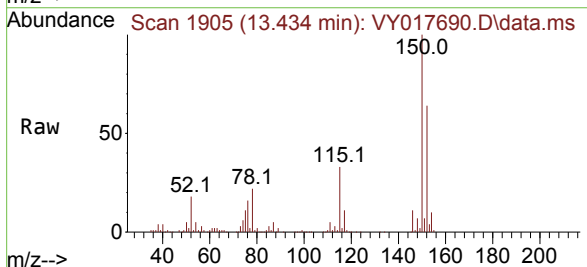
Tgt Ion:152 Resp: 94775

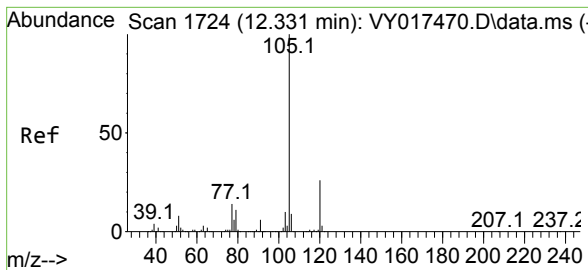
Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 162.7 0.0 345.6

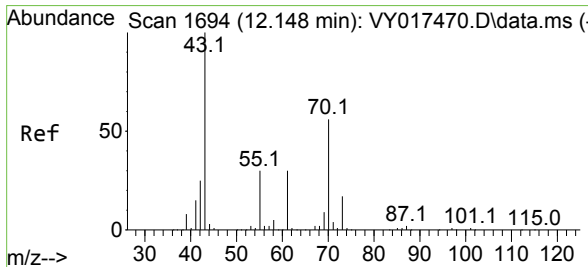
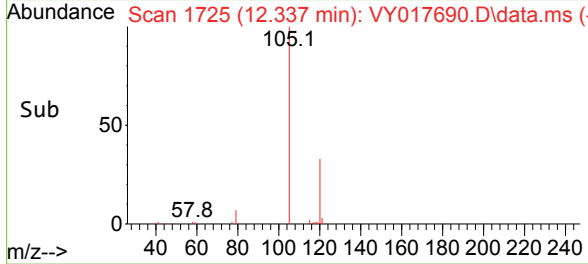
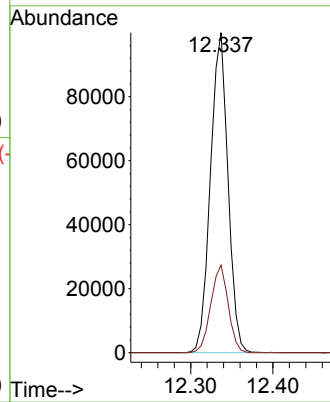
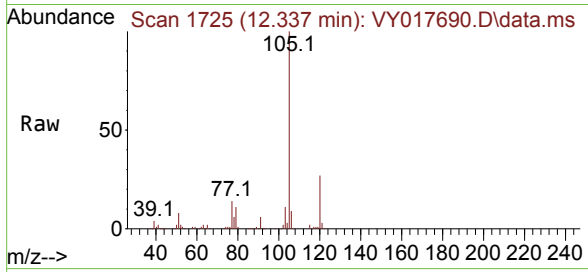




#73
Isopropylbenzene
Concen: 21.007 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

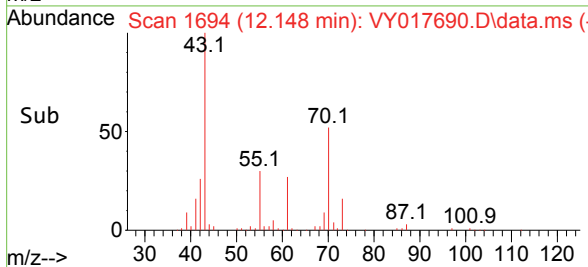
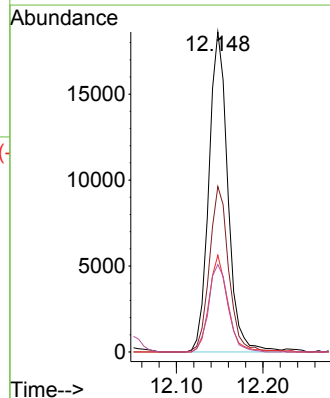
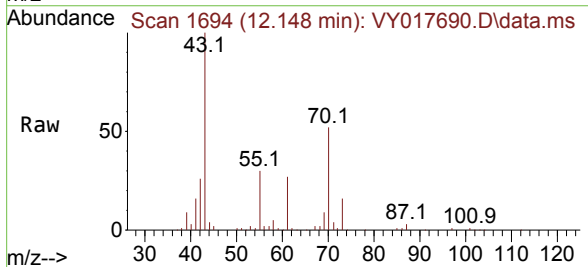
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

Tgt Ion:105 Resp: 147917
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 22.812 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 43 Resp: 28329
Ion Ratio Lower Upper
43 100
70 52.8 41.4 62.2
55 29.5 23.3 34.9
61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.309 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

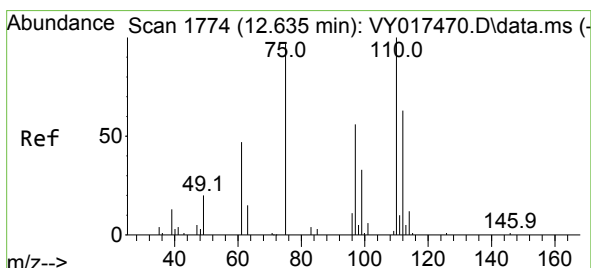
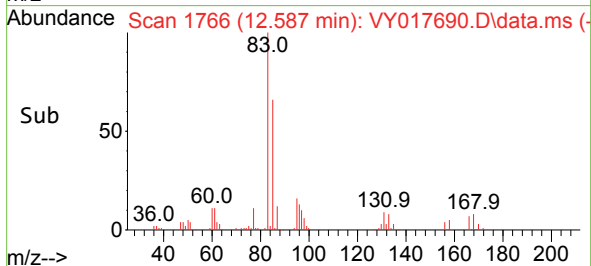
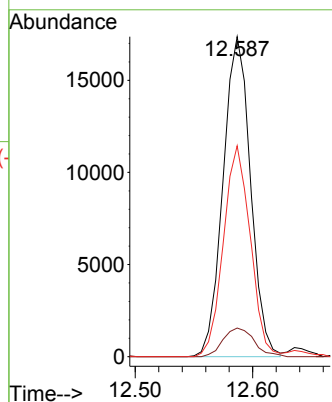
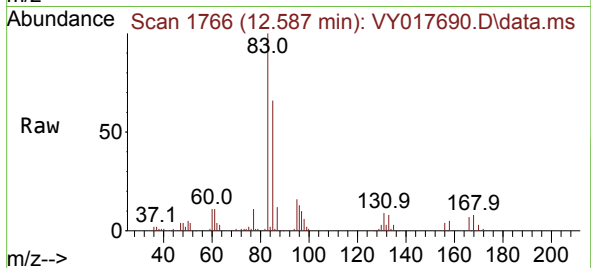
Tgt Ion: 83 Resp: 28184

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.765 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017690.D

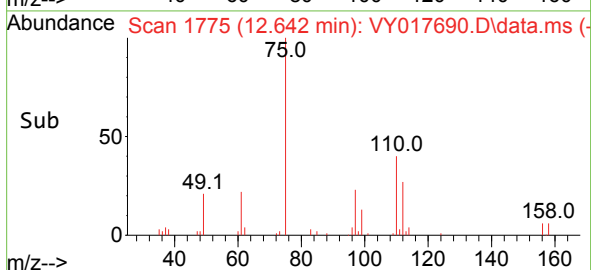
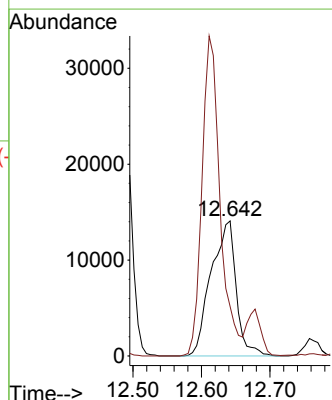
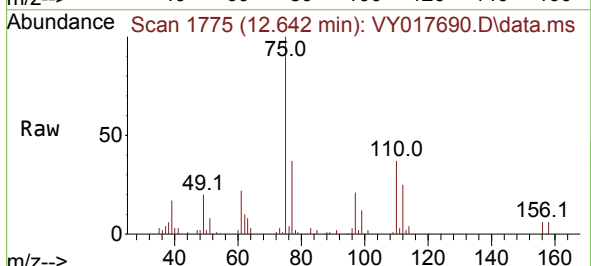
Acq: 18 Mar 2024 15:47

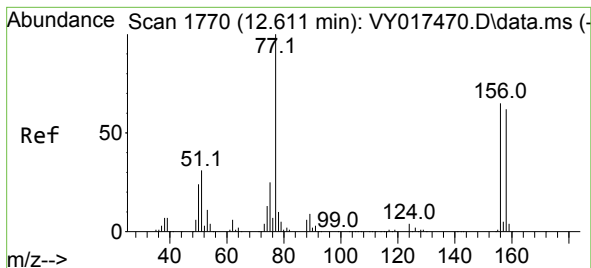
Tgt Ion: 75 Resp: 35809

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.161 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

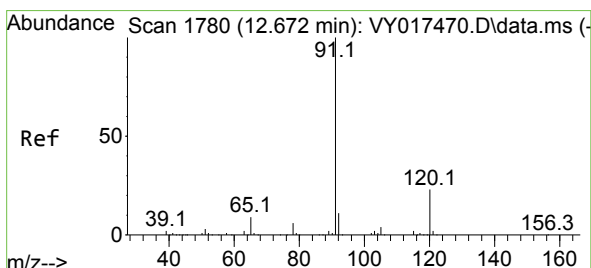
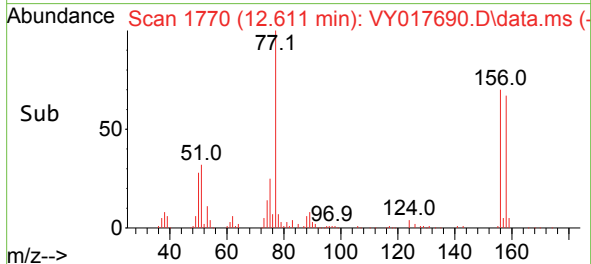
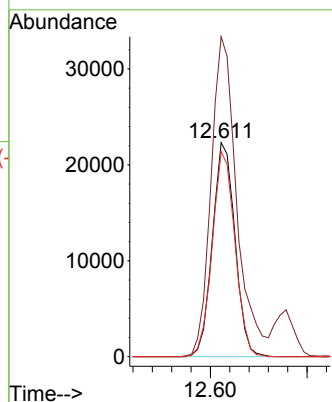
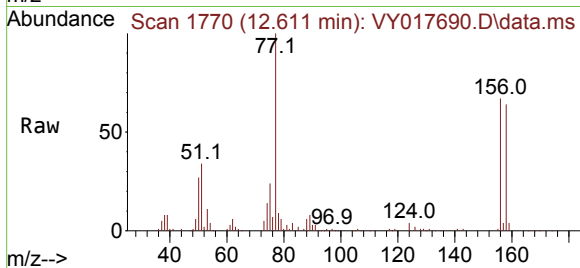
Tgt Ion:156 Resp: 36083

Ion Ratio Lower Upper

156 100

77 170.9 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 21.660 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017690.D

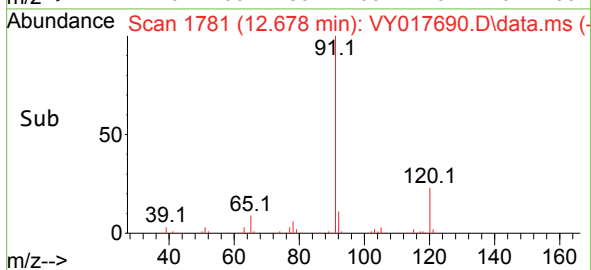
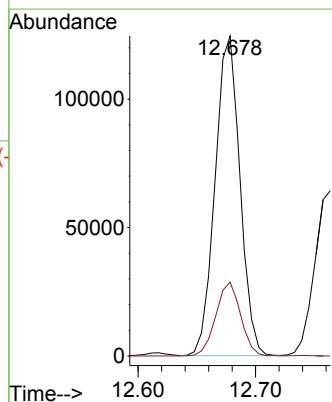
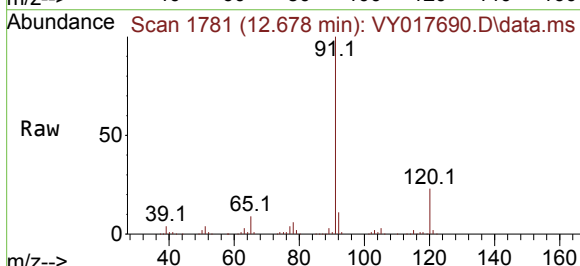
Acq: 18 Mar 2024 15:47

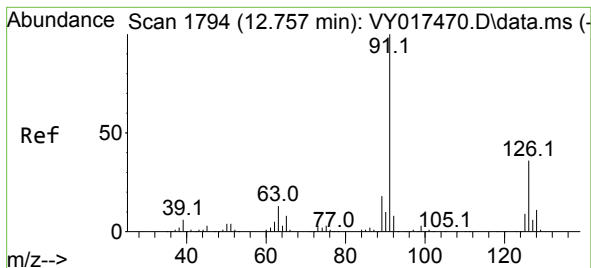
Tgt Ion: 91 Resp: 182999

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

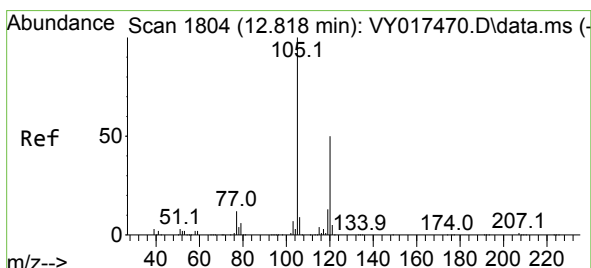
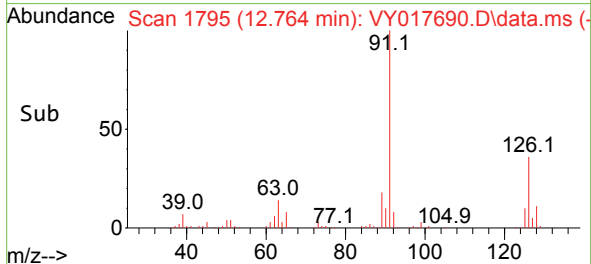
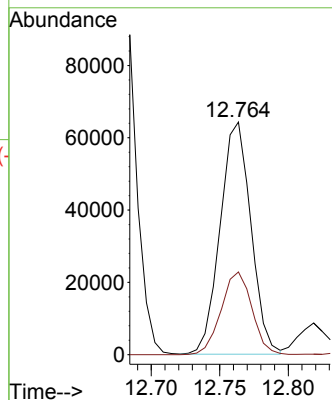
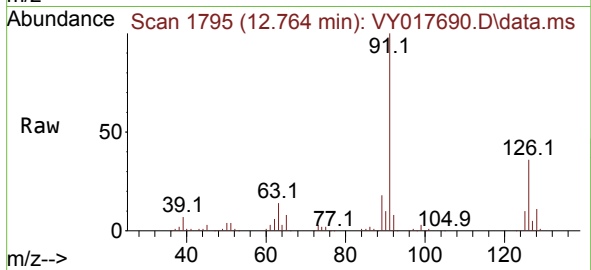




#79
2-Chlorotoluene
Concen: 21.249 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

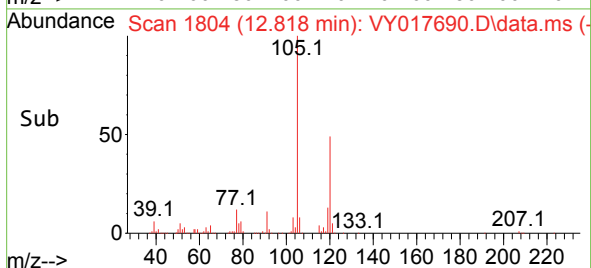
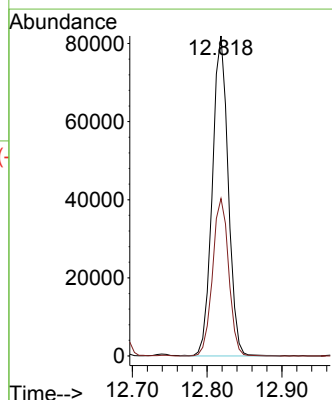
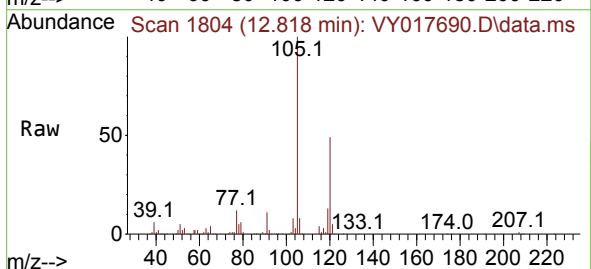
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

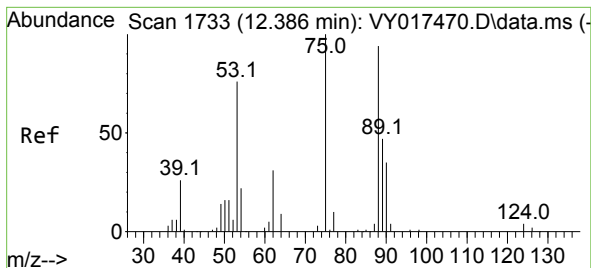
Tgt Ion: 91 Resp: 100512
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.488 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 105 Resp: 121218
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

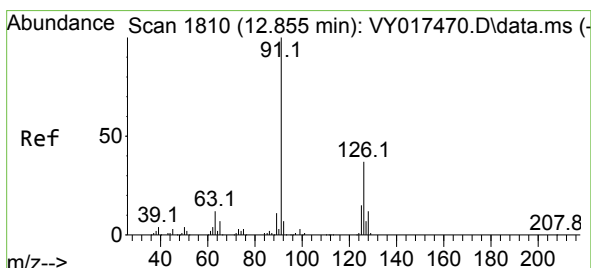
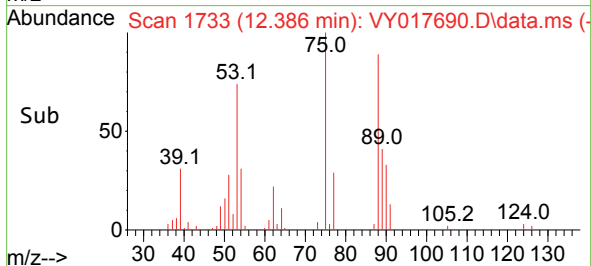
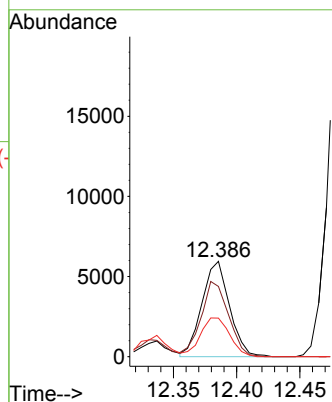
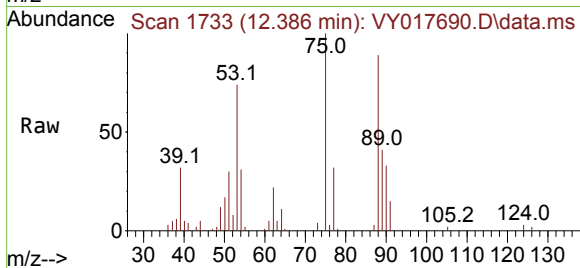




#81
trans-1,4-Dichloro-2-butene
Concen: 23.029 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

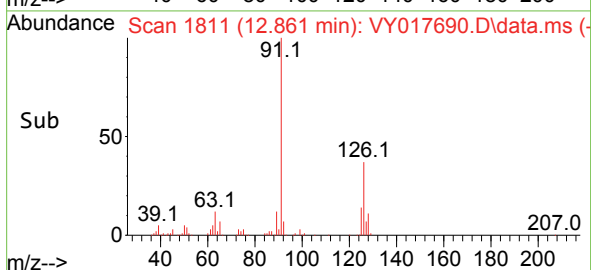
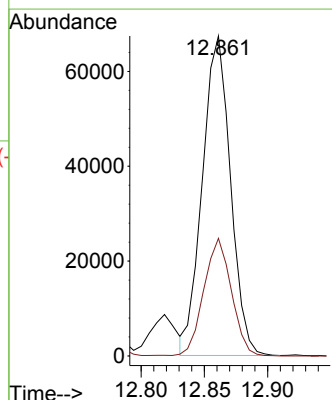
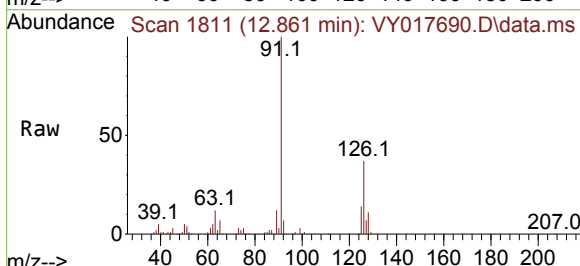
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

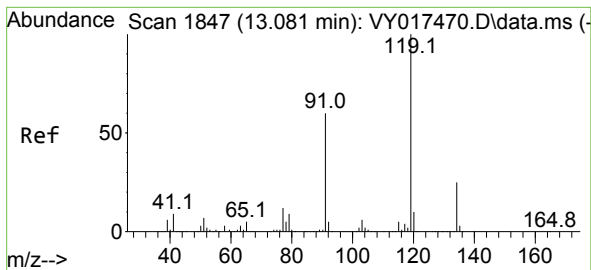
Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
53 78.3 66.8 100.2
89 43.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.528 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion: 91 Resp: 104156
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9

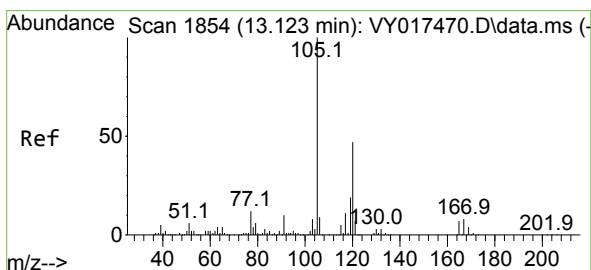
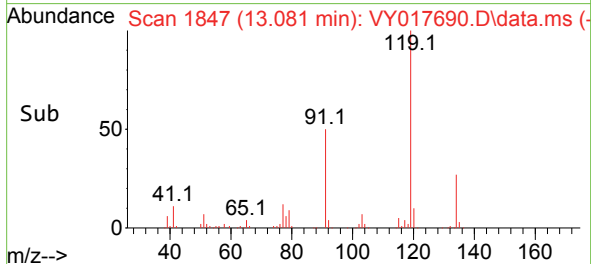
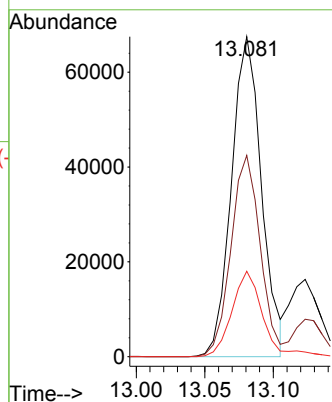
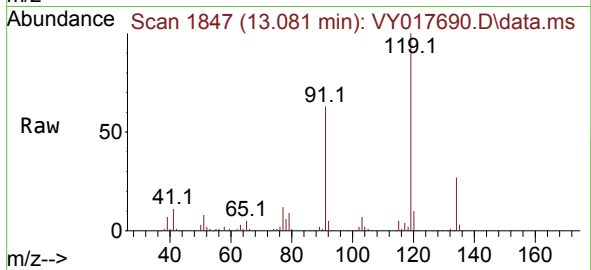




#83
tert-Butylbenzene
Concen: 20.809 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

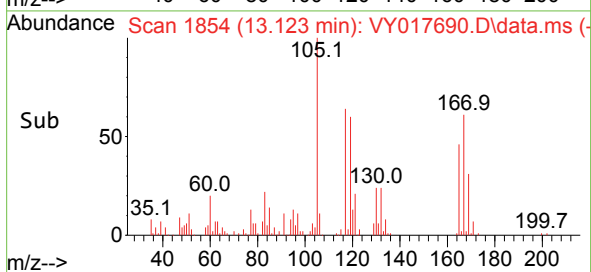
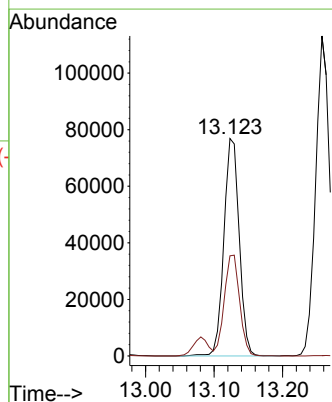
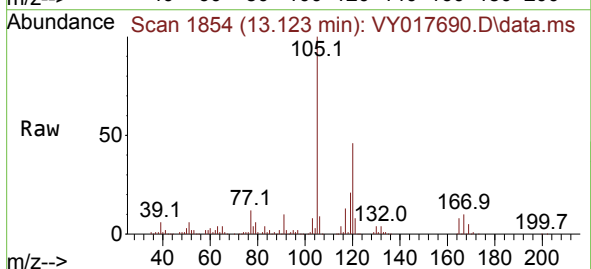
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

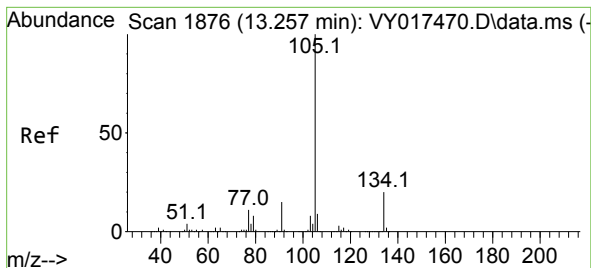
Tgt Ion:119 Resp: 103078
Ion Ratio Lower Upper
119 100
91 61.2 31.3 93.8
134 27.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.391 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017690.D
Acq: 18 Mar 2024 15:47

Tgt Ion:105 Resp: 119128
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.505 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

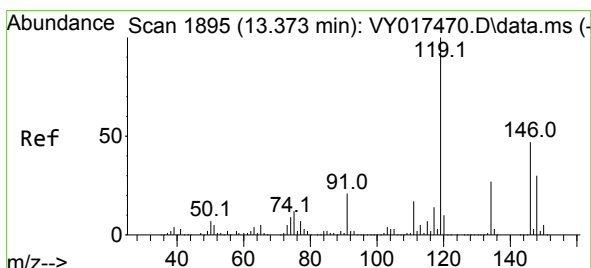
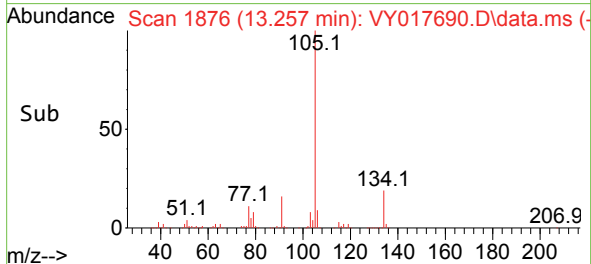
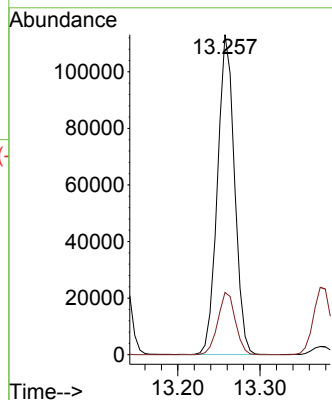
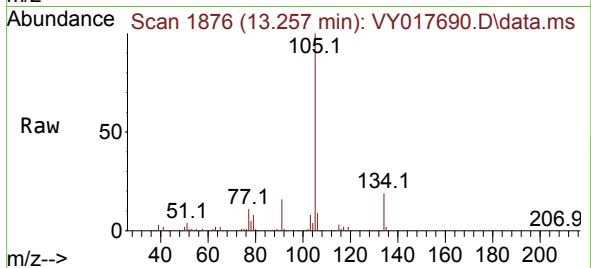
VY0318SBS01

Tgt Ion:105 Resp: 162871

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.186 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

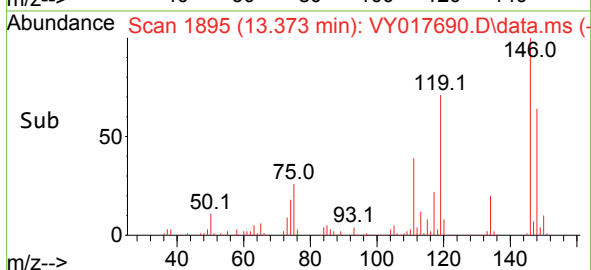
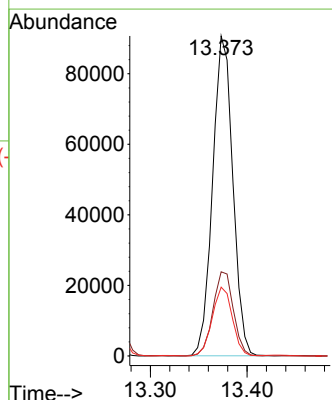
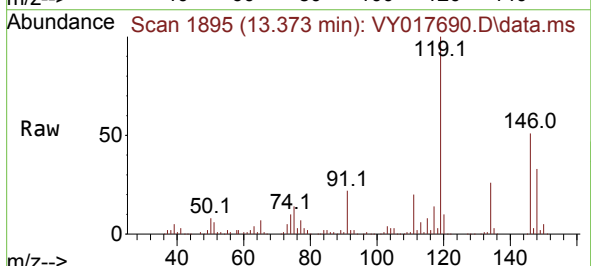
Tgt Ion:119 Resp: 131348

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.647 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

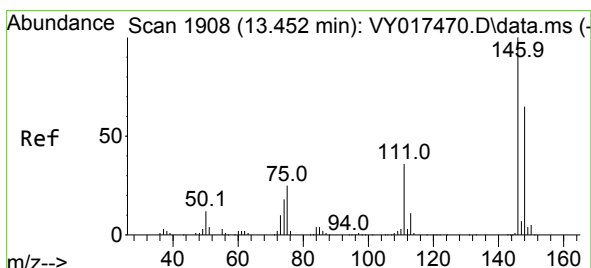
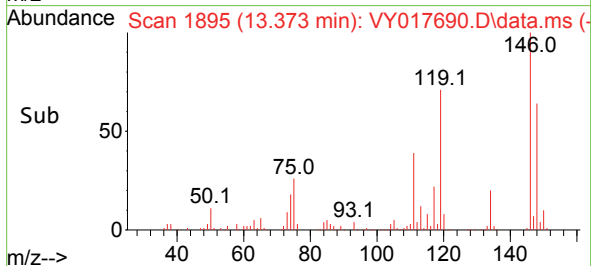
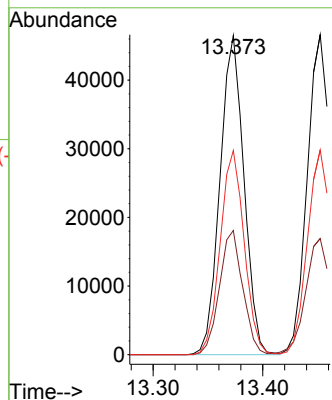
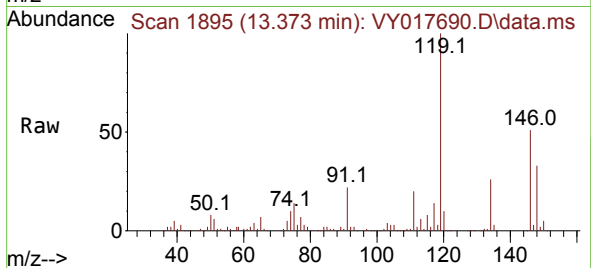
Tgt Ion:146 Resp: 70667

Ion Ratio Lower Upper

146 100

111 37.9 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.332 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

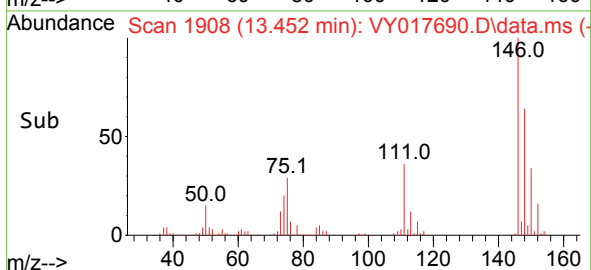
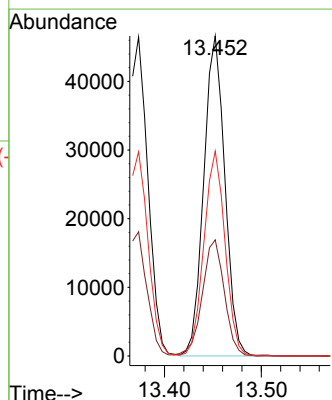
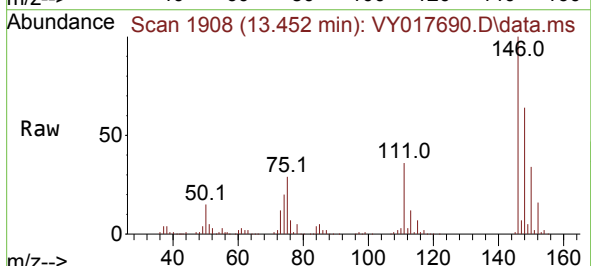
Tgt Ion:146 Resp: 70981

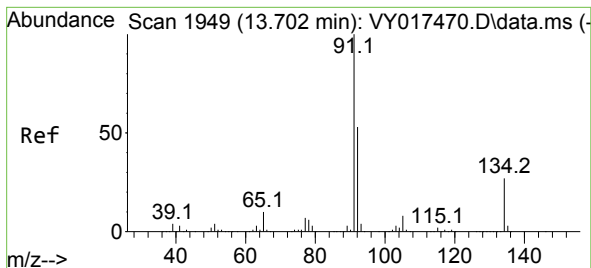
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 21.363 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

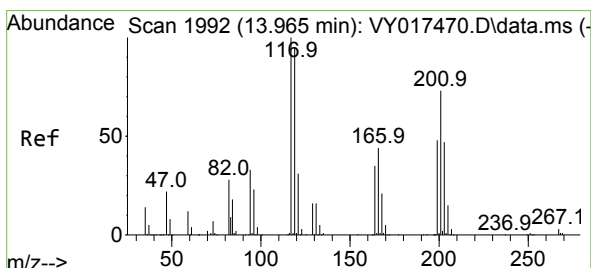
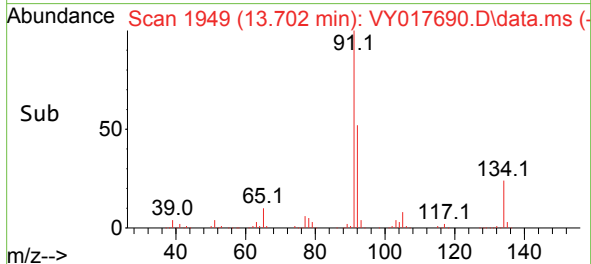
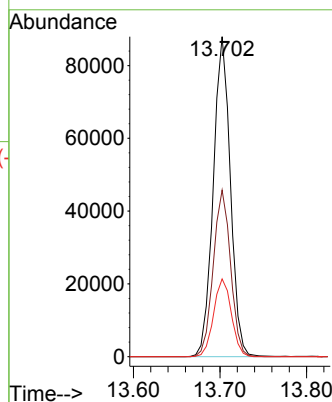
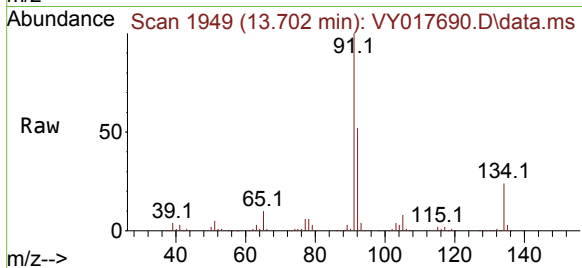
Tgt Ion: 91 Resp: 120836

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 21.502 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017690.D

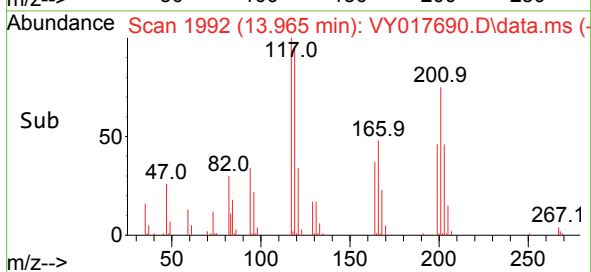
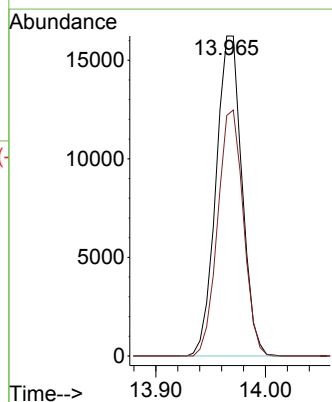
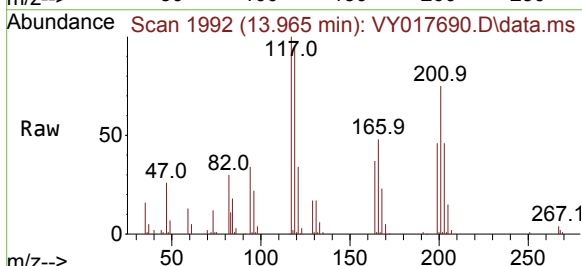
Acq: 18 Mar 2024 15:47

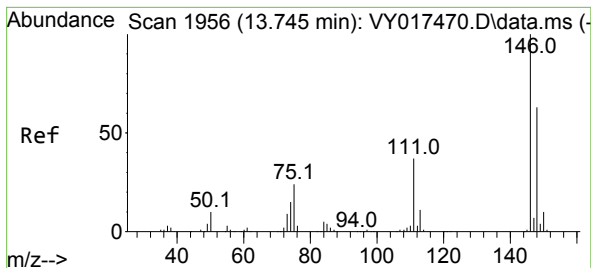
Tgt Ion: 117 Resp: 26726

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.358 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

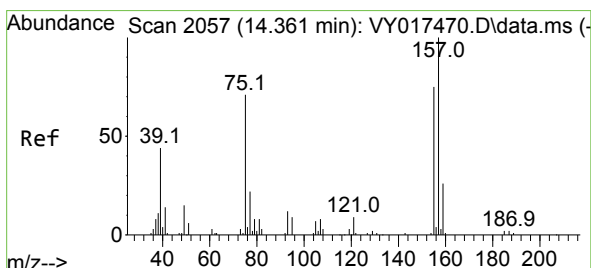
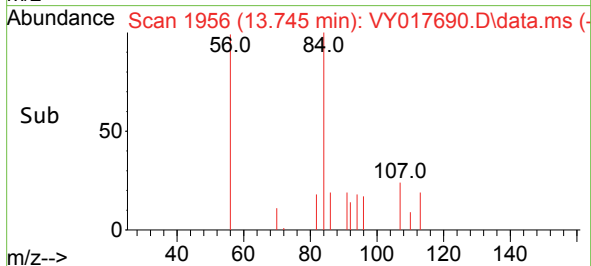
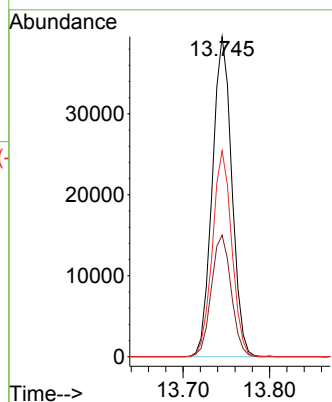
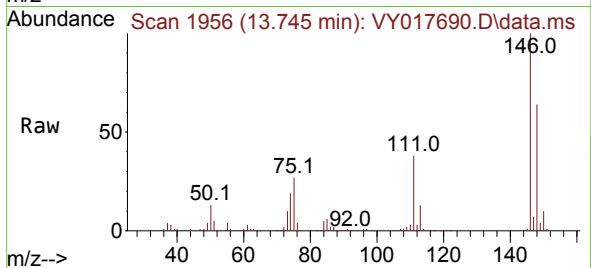
Tgt Ion:146 Resp: 61833

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.508 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

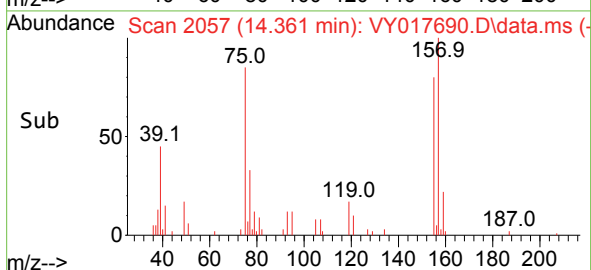
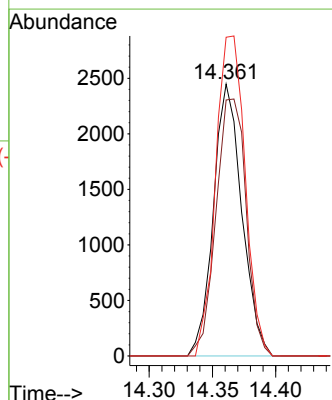
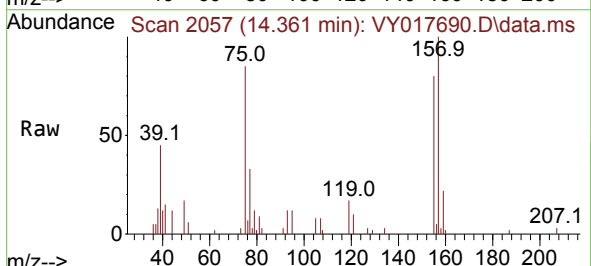
Tgt Ion: 75 Resp: 3826

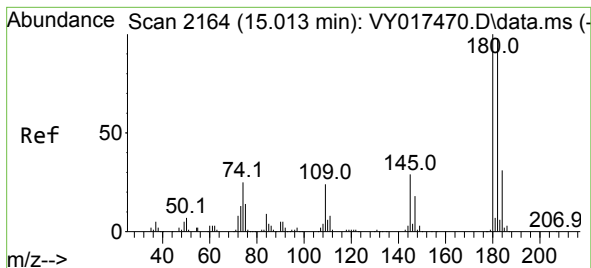
Ion Ratio Lower Upper

75 100

155 100.1 48.6 145.8

157 121.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.238 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

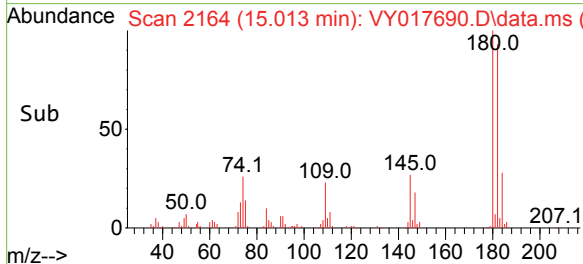
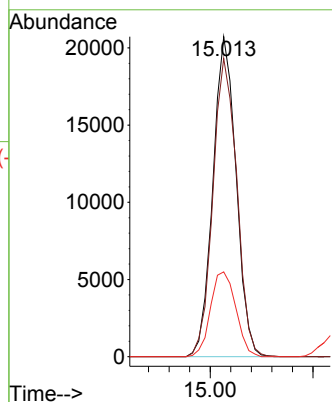
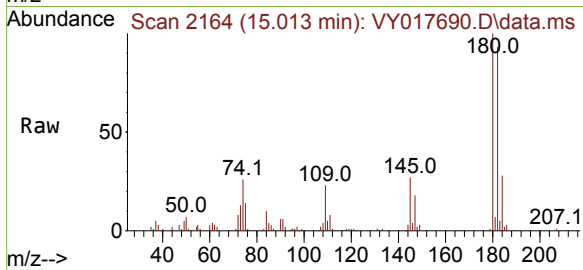
Tgt Ion:180 Resp: 32477

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.609 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

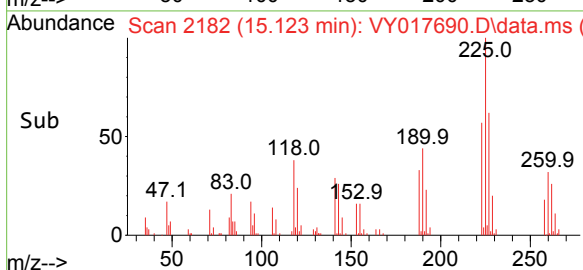
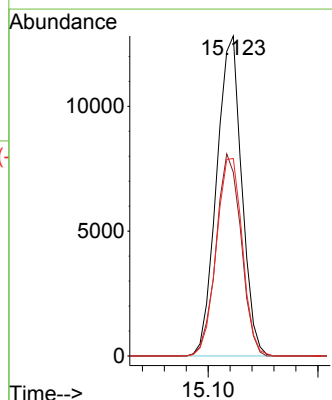
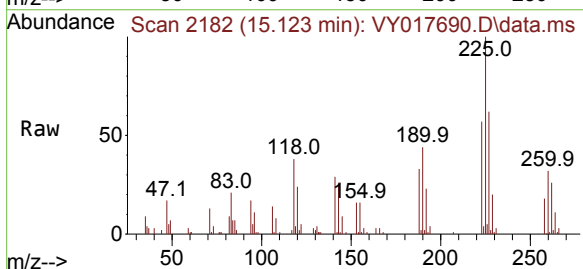
Tgt Ion:225 Resp: 20401

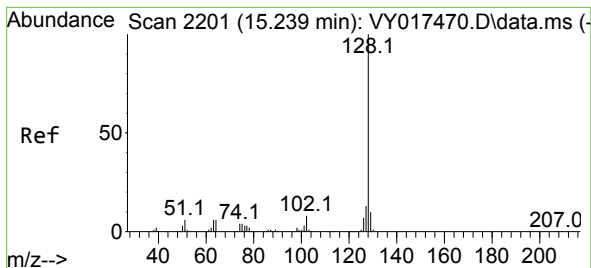
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 21.021 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBSD01

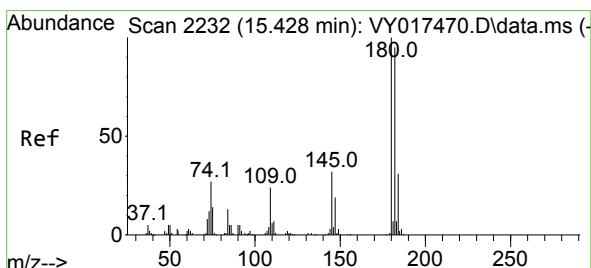
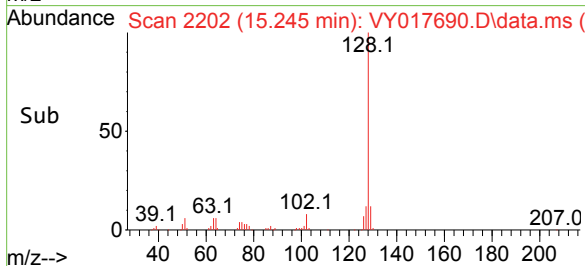
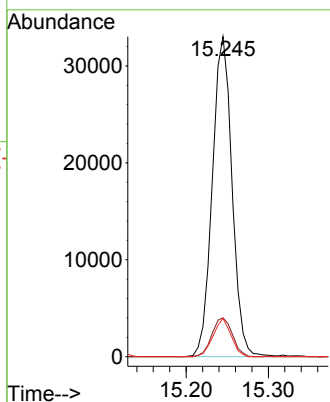
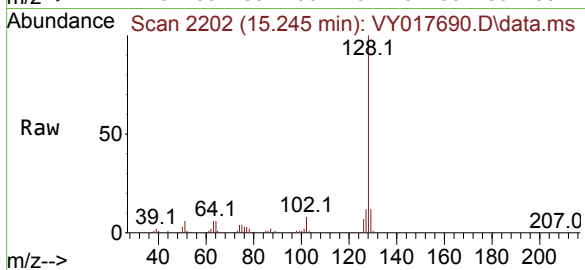
Tgt Ion:128 Resp: 54994

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.093 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017690.D

Acq: 18 Mar 2024 15:47

Tgt Ion:180 Resp: 27671

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 31.5 15.4 46.1

