

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018303.D
 Acq On : 17 May 2024 13:11
 Operator : SY/MD
 Sample : VY0517SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Quant Time: May 18 00:47:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	171736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75491	59.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.500%	
35) Dibromofluoromethane	7.710	113	84844	54.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.600%	
50) Toluene-d8	10.179	98	325774	52.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.477	95	102710	51.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29253	21.479	ug/l	99
3) Chloromethane	2.107	50	43990	24.129	ug/l	98
4) Vinyl Chloride	2.247	62	52791	23.887	ug/l	100
5) Bromomethane	2.637	94	35860	23.364	ug/l	97
6) Chloroethane	2.784	64	34105	24.316	ug/l	94
7) Trichlorofluoromethane	3.113	101	55085	21.279	ug/l	95
8) Diethyl Ether	3.515	74	19055	22.360	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	34676	21.018	ug/l	96
10) Methyl Iodide	4.082	142	37686	19.562	ug/l	98
11) Tert butyl alcohol	4.930	59	18546	162.891	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	34841	20.978	ug/l	98
13) Acrolein	3.716	56	16993	135.560	ug/l	91
14) Allyl chloride	4.466	41	48201	22.813	ug/l	98
15) Acrylonitrile	5.155	53	40212	122.703	ug/l	99
16) Acetone	3.936	43	30594	121.344	ug/l	96
17) Carbon Disulfide	4.186	76	103233	22.832	ug/l	100
18) Methyl Acetate	4.472	43	18250	25.411	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	84569	22.859	ug/l	96
20) Methylene Chloride	4.710	84	43289	24.291	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	38074	21.627	ug/l	89
22) Diisopropyl ether	6.112	45	98392	21.953	ug/l	96
23) Vinyl Acetate	6.051	43	317792	116.657	ug/l	97
24) 1,1-Dichloroethane	6.009	63	62459	22.626	ug/l	98
25) 2-Butanone	6.978	43	49192	122.058	ug/l	90
26) 2,2-Dichloropropane	6.972	77	52382	20.965	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	44317	21.301	ug/l	98
28) Bromochloromethane	7.326	49	20750	18.806	ug/l	93
29) Tetrahydrofuran	7.344	42	31687	119.110	ug/l	95
30) Chloroform	7.496	83	62892	21.823	ug/l	98
31) Cyclohexane	7.777	56	58227	22.505	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	54819	21.223	ug/l	97
36) 1,1-Dichloropropene	7.911	75	47891	21.378	ug/l	99
37) Ethyl Acetate	7.069	43	22266	23.615	ug/l #	94
38) Carbon Tetrachloride	7.893	117	47350	19.344	ug/l	99
39) Methylcyclohexane	9.179	83	66351	20.531	ug/l	99
40) Benzene	8.155	78	148246	20.573	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9843	18.078	ug/l #	87
42) 1,2-Dichloroethane	8.228	62	35118	22.399	ug/l	98
43) Isopropyl Acetate	8.270	43	43795	22.661	ug/l	93
44) Trichloroethene	8.935	130	39067	19.916	ug/l	98
45) 1,2-Dichloropropane	9.209	63	32719	20.769	ug/l	98
46) Dibromomethane	9.301	93	18867	20.833	ug/l	99
47) Bromodichloromethane	9.496	83	45572	20.355	ug/l	97
48) Methyl methacrylate	9.289	41	19832	22.390	ug/l	93
49) 1,4-Dioxane	9.289	88	5253	436.975	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	109830	113.070	ug/l	95
52) Toluene	10.240	92	94158	20.298	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	42484	20.315	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	52930	20.705	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	25742	20.691	ug/l	91
56) Ethyl methacrylate	10.508	69	35873	21.231	ug/l	89
57) 1,3-Dichloropropane	10.788	76	44797	22.124	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	79837	98.953	ug/l	97
59) 2-Hexanone	10.831	43	75641	111.372	ug/l	93
60) Dibromochloromethane	10.983	129	31331	19.411	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24037	20.513	ug/l	99
64) Tetrachloroethene	10.721	164	35398	20.707	ug/l	99
65) Chlorobenzene	11.514	112	101222	19.357	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	32937	19.472	ug/l	99
67) Ethyl Benzene	11.593	91	175321	19.857	ug/l	96
68) m/p-Xylenes	11.703	106	138208	39.583	ug/l	97
69) o-Xylene	12.026	106	66923	19.973	ug/l	96
70) Styrene	12.044	104	109128	19.502	ug/l	99
71) Bromoform	12.209	173	17672	18.882	ug/l #	99
73) Isopropylbenzene	12.331	105	169721	19.408	ug/l	99
74) N-amyl acetate	12.142	43	37992	20.928	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	28918	20.730	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	35522	38.049	ug/l #	100
77) Bromobenzene	12.611	156	38903	19.365	ug/l	97
78) n-propylbenzene	12.672	91	203837	20.040	ug/l	99
79) 2-Chlorotoluene	12.757	91	108673	19.226	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	135696	19.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8270	17.067	ug/l	91
82) 4-Chlorotoluene	12.855	91	111369	19.616	ug/l	98
83) tert-Butylbenzene	13.074	119	124597	19.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	132175	19.568	ug/l	99
85) sec-Butylbenzene	13.251	105	184143	19.737	ug/l	99
86) p-Isopropyltoluene	13.367	119	149420	19.468	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	75384	19.430	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	75236	19.892	ug/l	98
89) n-Butylbenzene	13.696	91	138855	19.991	ug/l	99
90) Hexachloroethane	13.958	117	26459	17.572	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	67187	20.148	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4135	21.769	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	36563	19.503	ug/l	99
94) Hexachlorobutadiene	15.111	225	19379	18.735	ug/l	95
95) Naphthalene	15.233	128	68415	19.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	30889	20.077	ug/l	98

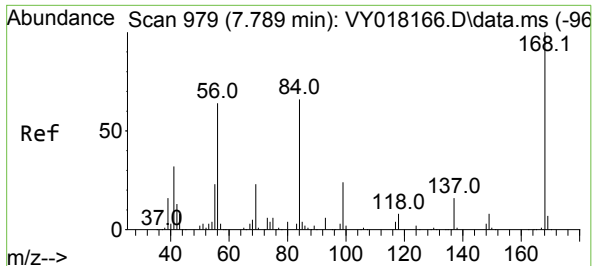
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
Data File : VY018303.D
Acq On : 17 May 2024 13:11
Operator : SY/MD
Sample : VY0517SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration

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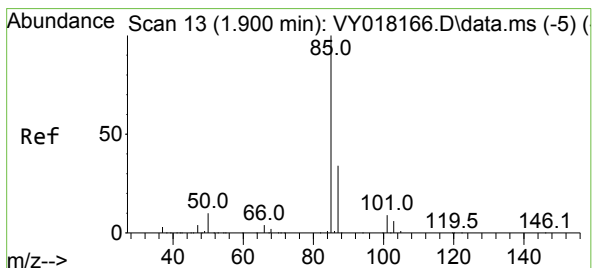
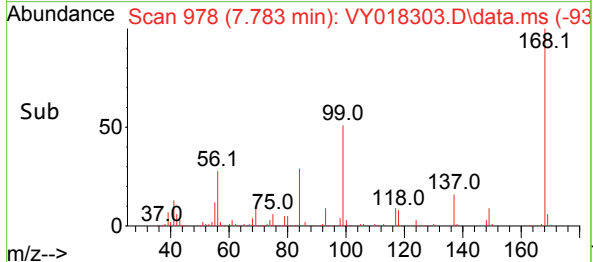
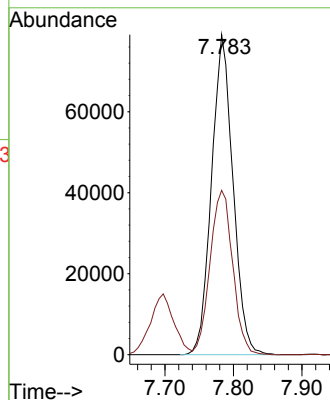
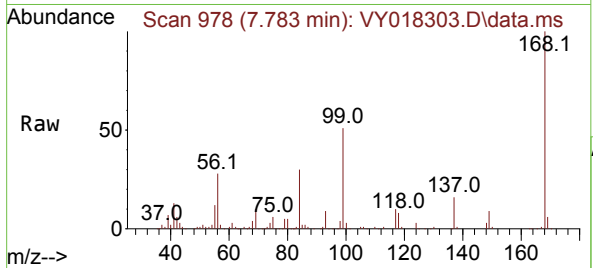
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

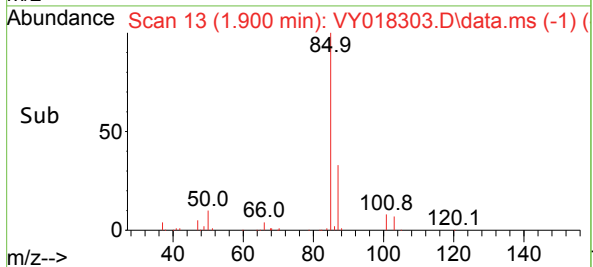
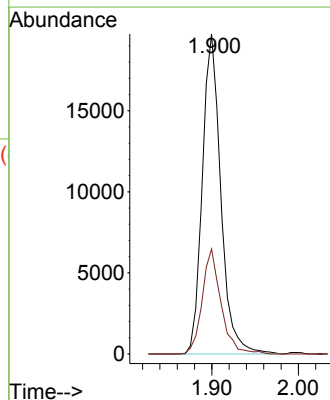
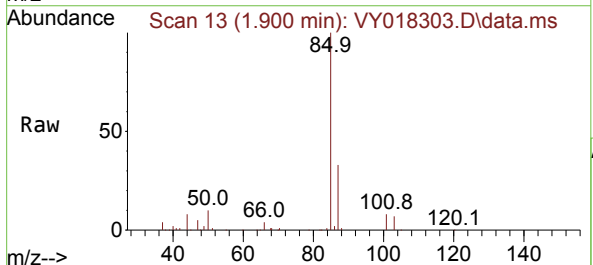
Instrument :
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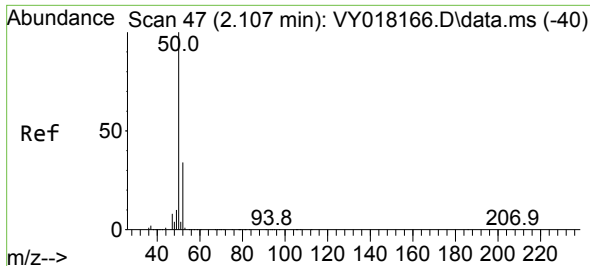
Tgt Ion:168 Resp: 171736
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.479 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 85 Resp: 29253
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

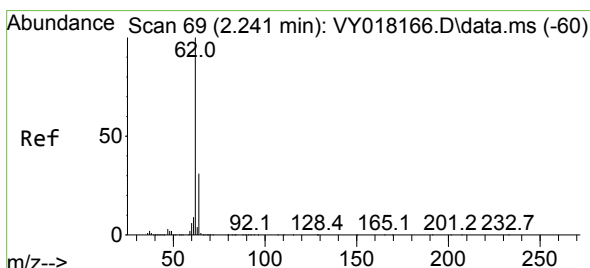
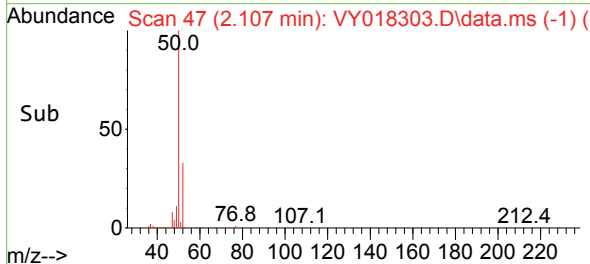
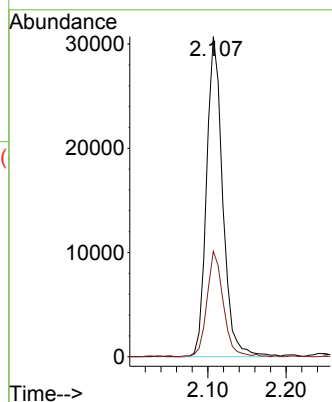
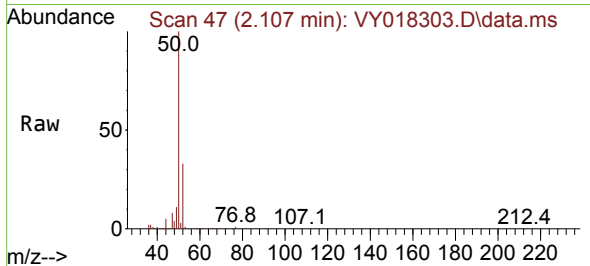




#3
Chloromethane
Concen: 24.129 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

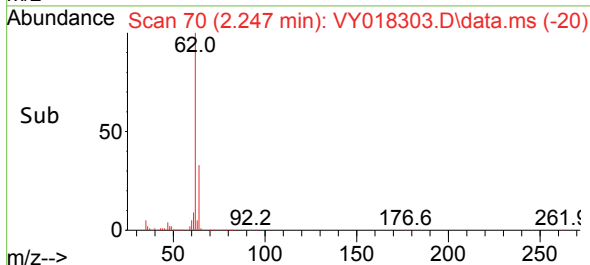
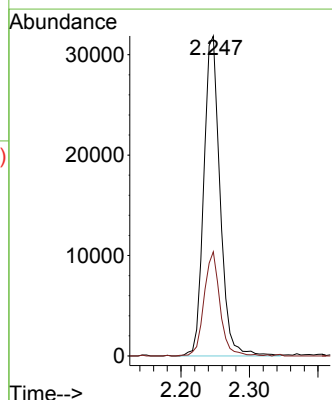
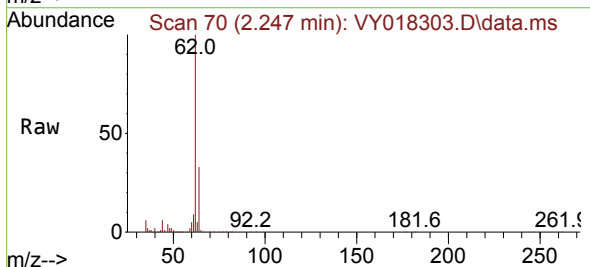
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

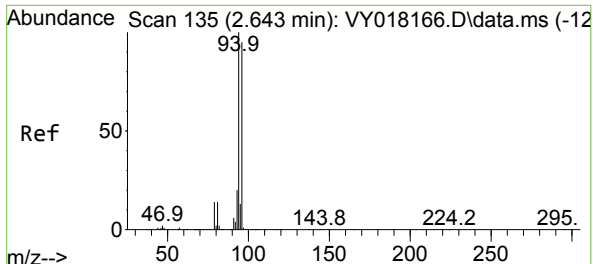
Tgt Ion: 50 Resp: 43990
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 23.887 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 62 Resp: 52791
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

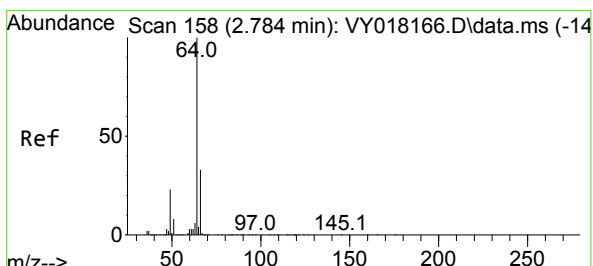
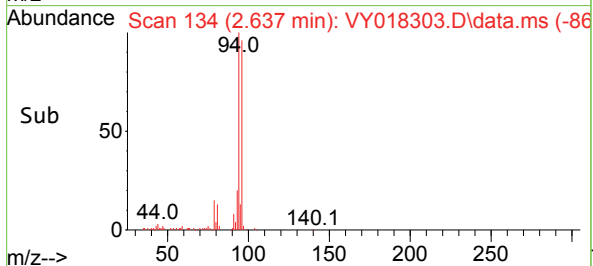
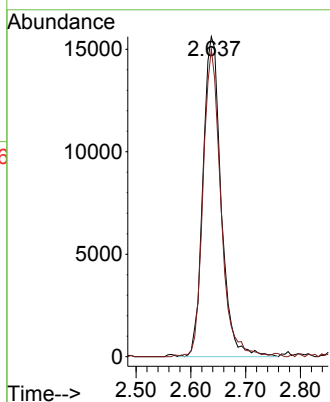
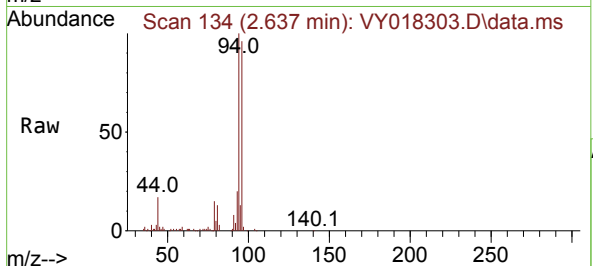




#5
Bromomethane
Concen: 23.364 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

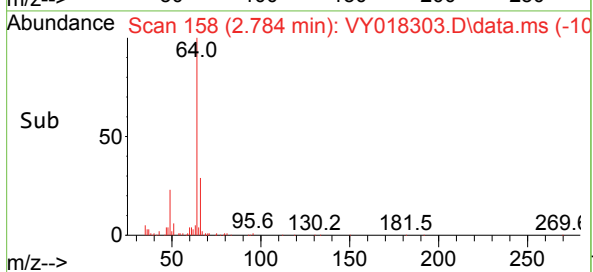
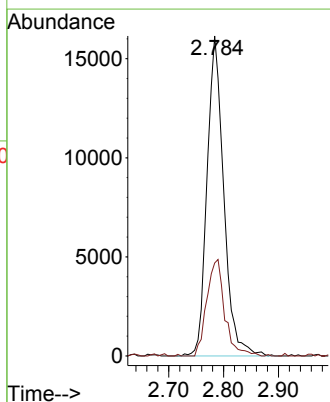
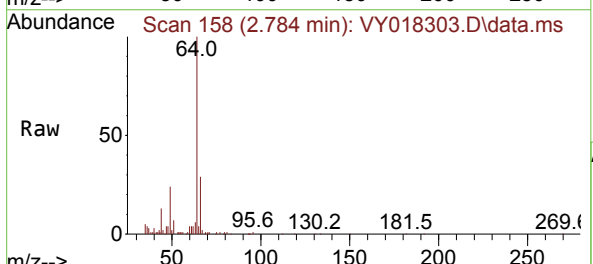
Instrument :
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ClientSampleId :
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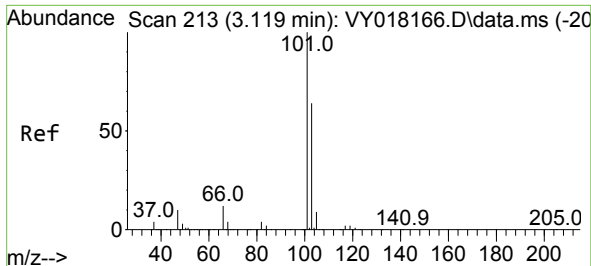
Tgt Ion: 94 Resp: 35860
Ion Ratio Lower Upper
94 100
96 95.7 74.1 111.1



#6
Chloroethane
Concen: 24.316 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 64 Resp: 34105
Ion Ratio Lower Upper
64 100
66 29.0 26.1 39.1

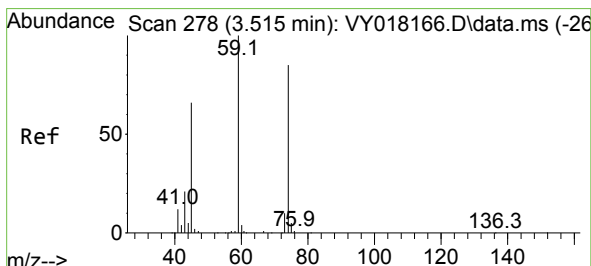
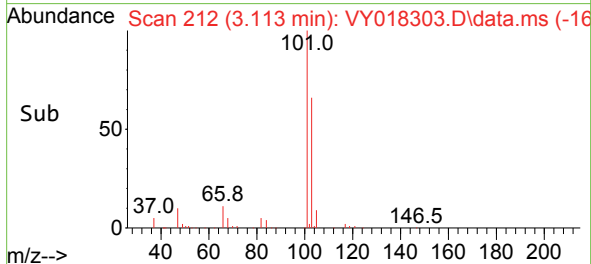
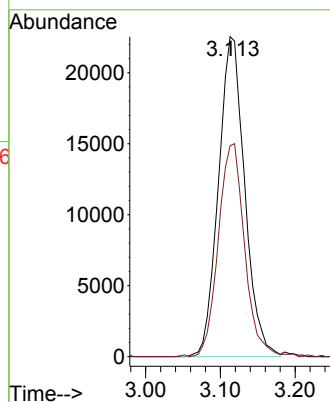
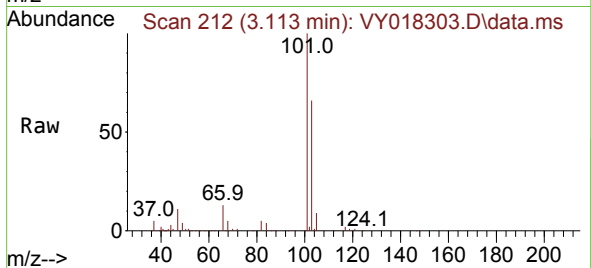




#7
 Trichlorofluoromethane
 Concen: 21.279 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

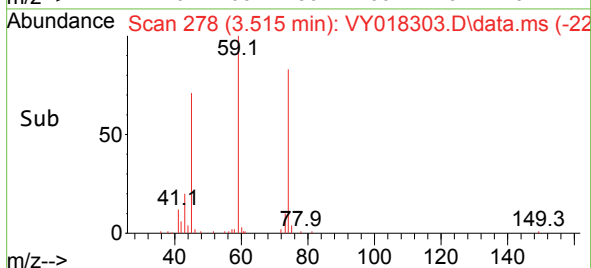
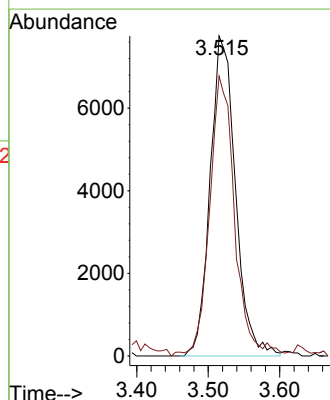
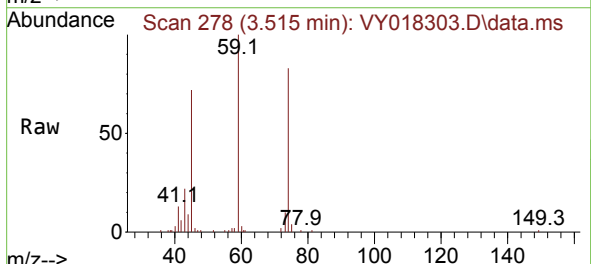
Instrument :
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 ClientSampleId :
 VY0517SBS01

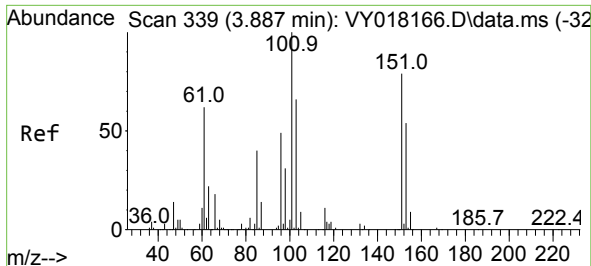
Tgt Ion:101 Resp: 55085
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 22.360 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

Tgt Ion: 74 Resp: 19055
 Ion Ratio Lower Upper
 74 100
 45 85.0 41.3 124.1

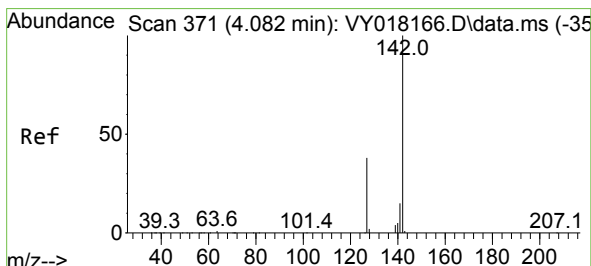
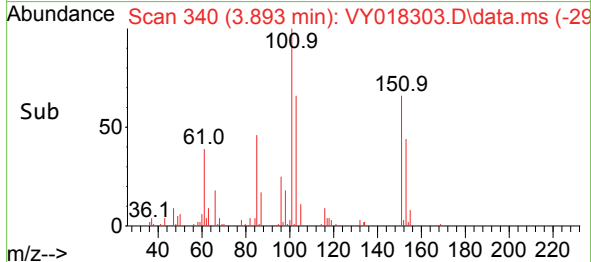
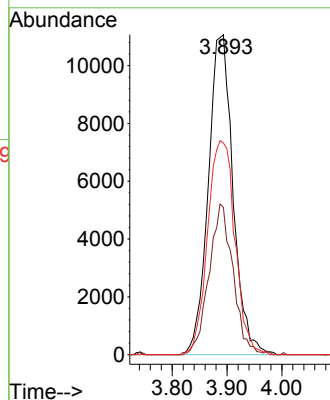
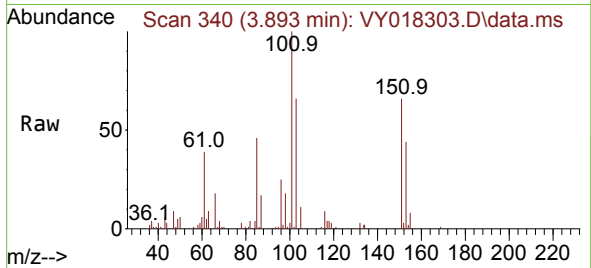




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.018 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

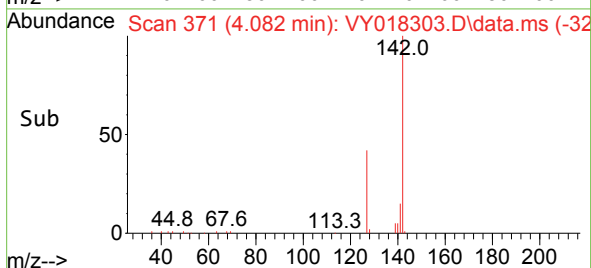
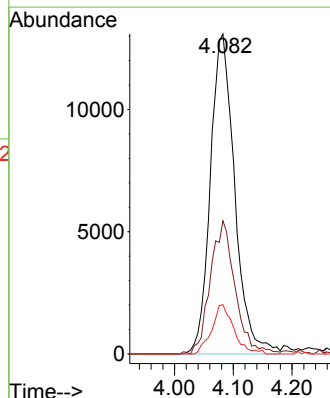
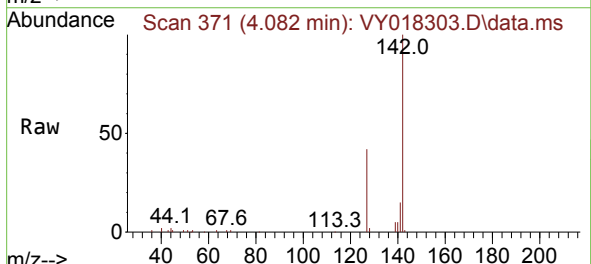
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

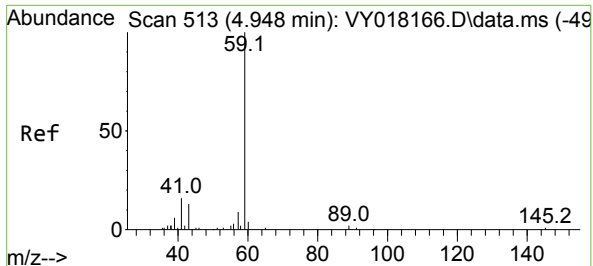
Tgt Ion:101 Resp: 34676
Ion Ratio Lower Upper
101 100
85 45.8 34.5 51.7
151 73.9 61.7 92.5



#10
Methyl Iodide
Concen: 19.562 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:142 Resp: 37686
Ion Ratio Lower Upper
142 100
127 42.3 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 162.891 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

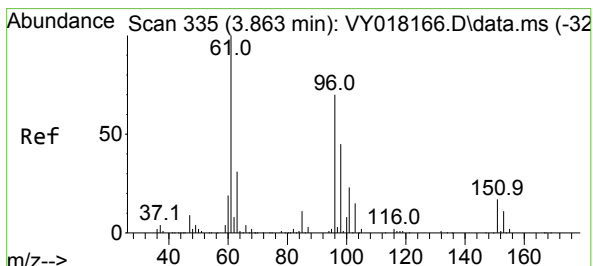
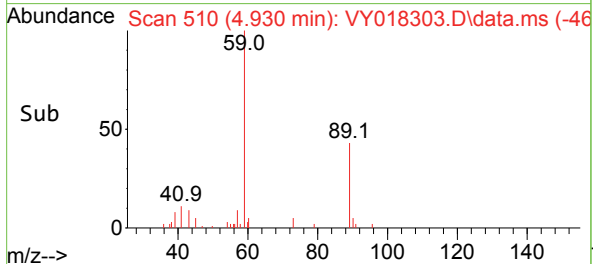
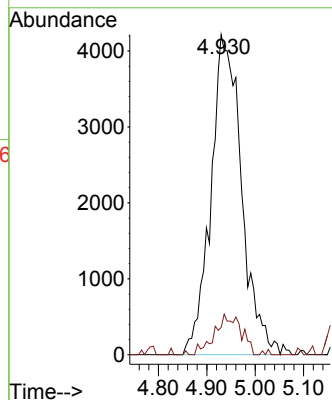
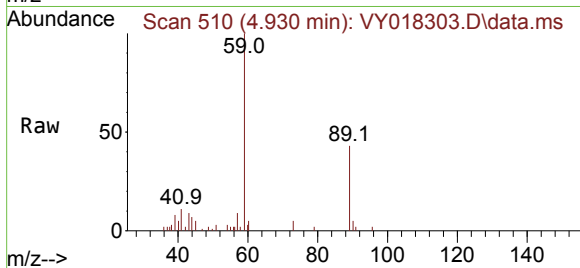
VY0517SBS01

Tgt Ion: 59 Resp: 18546

Ion Ratio Lower Upper

59 100

57 7.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.978 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

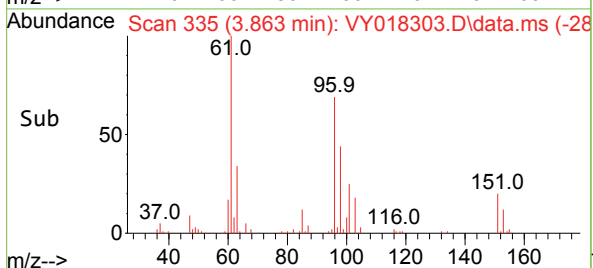
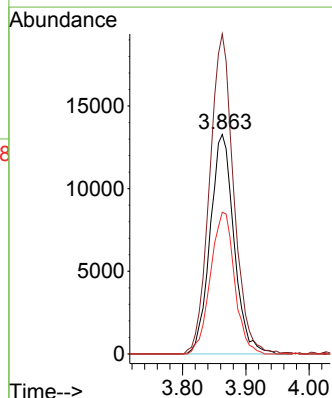
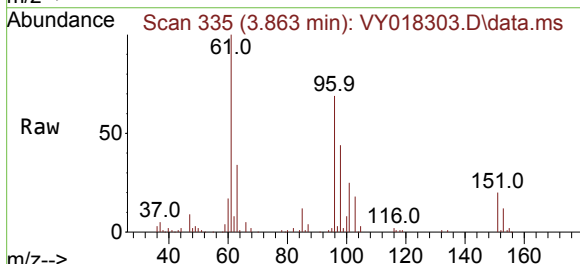
Tgt Ion: 96 Resp: 34841

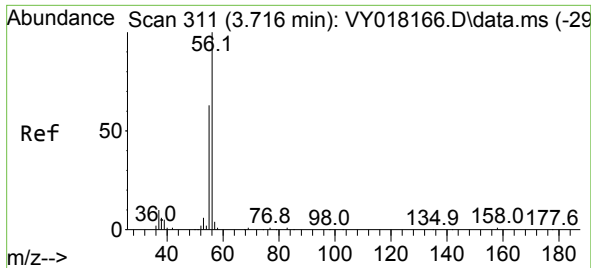
Ion Ratio Lower Upper

96 100

61 145.7 114.6 171.8

98 64.6 50.8 76.2

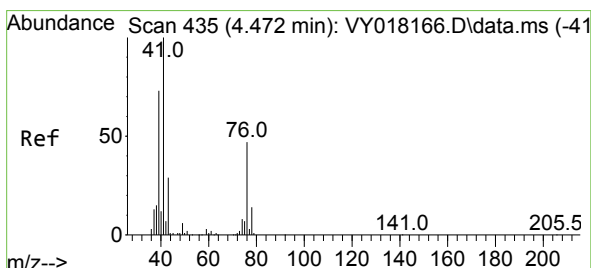
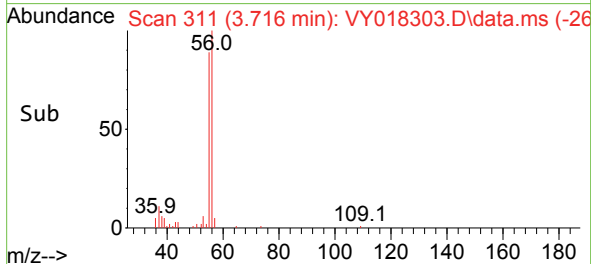
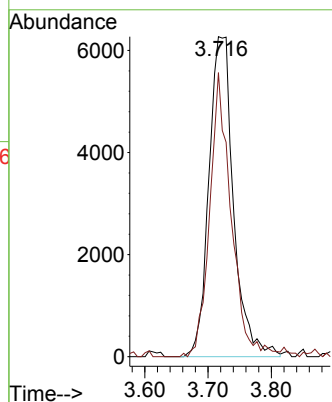
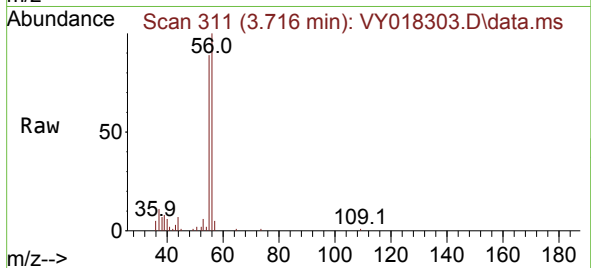




#13
Acrolein
Concen: 135.560 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

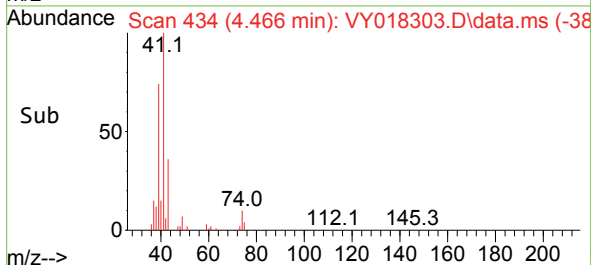
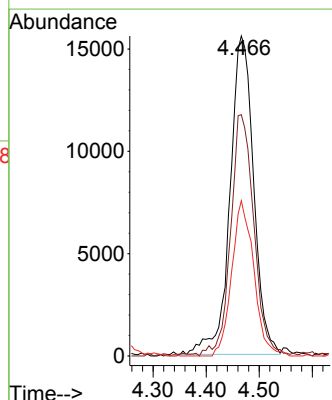
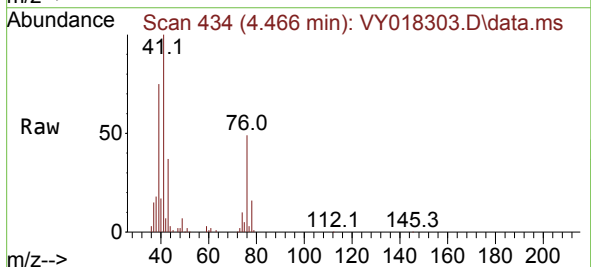
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

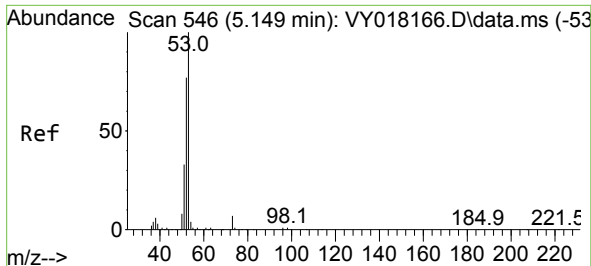
Tgt Ion: 56 Resp: 16993
Ion Ratio Lower Upper
56 100
55 77.1 55.7 83.5



#14
Allyl chloride
Concen: 22.813 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 41 Resp: 48201
Ion Ratio Lower Upper
41 100
39 73.0 58.3 87.5
76 45.5 39.0 58.6

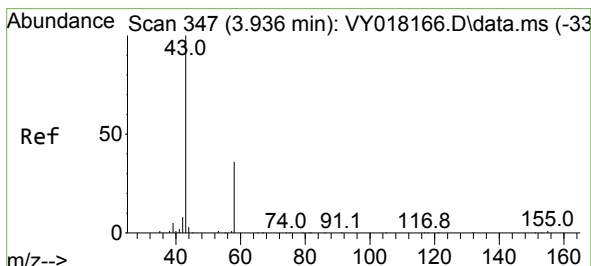
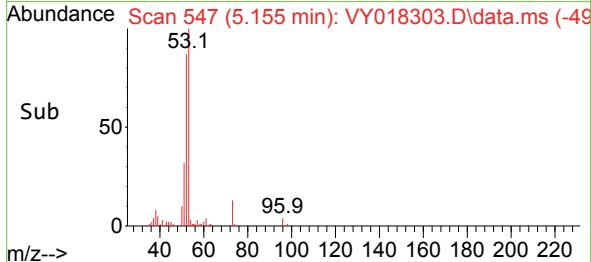
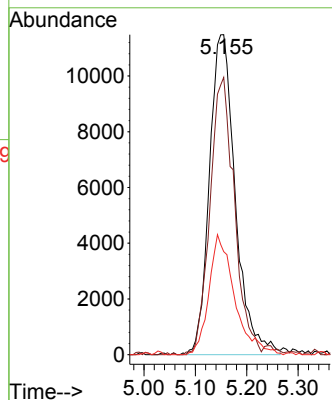
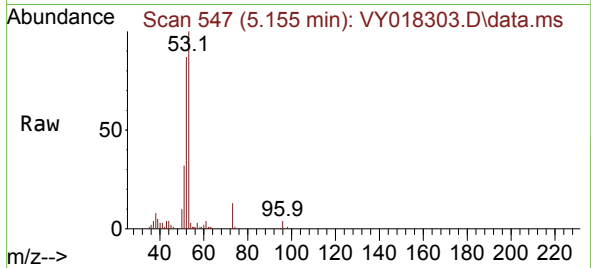




#15
Acrylonitrile
Concen: 122.703 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

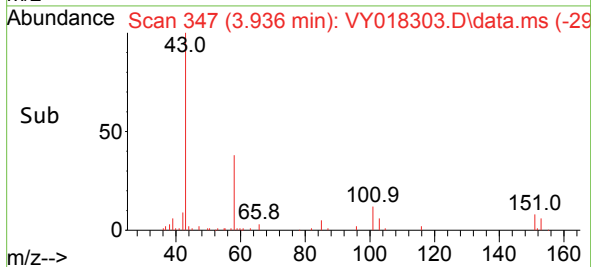
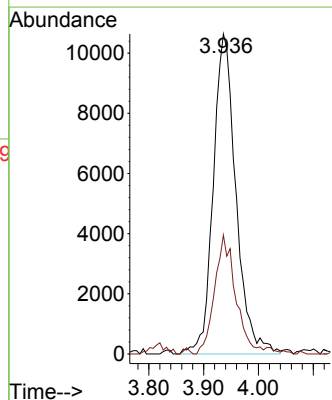
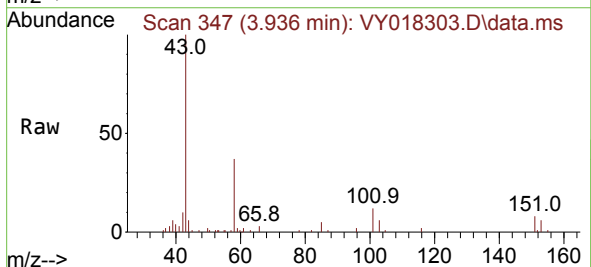
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

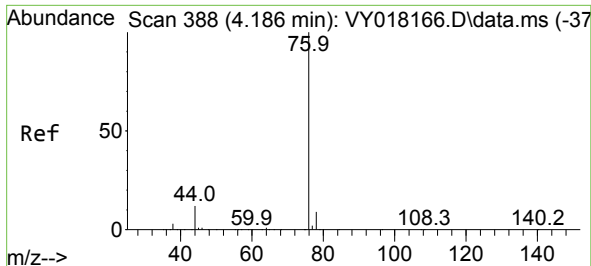
Tgt Ion: 53 Resp: 40212
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 121.344 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 43 Resp: 30594
Ion Ratio Lower Upper
43 100
58 37.1 31.7 47.5





#17

Carbon Disulfide

Concen: 22.832 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

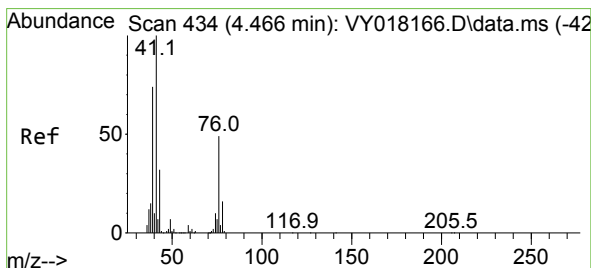
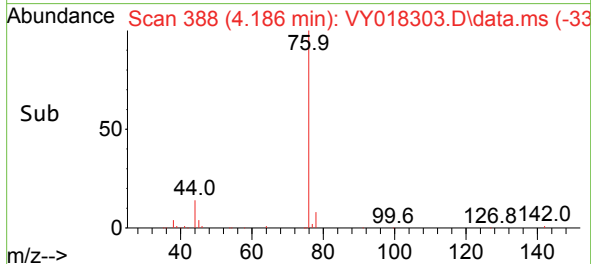
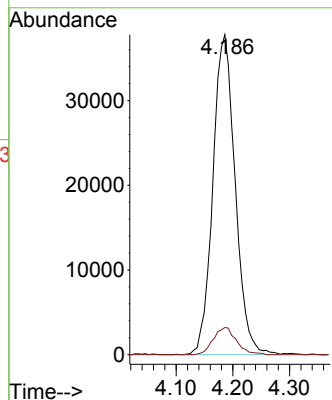
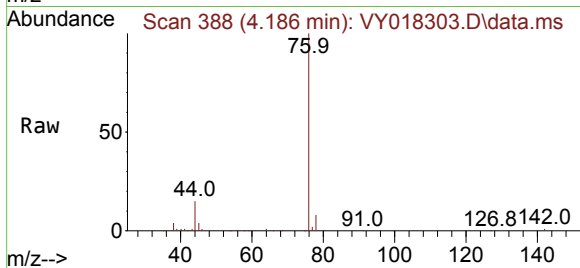
VY0517SBSD01

Tgt Ion: 76 Resp: 103233

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2



#18

Methyl Acetate

Concen: 25.411 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY018303.D

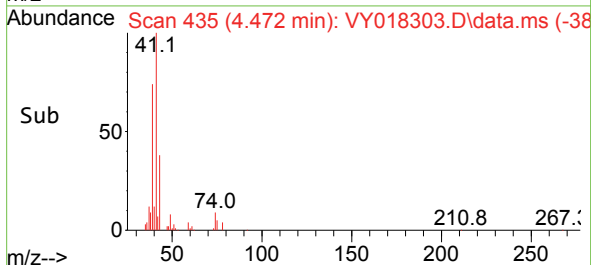
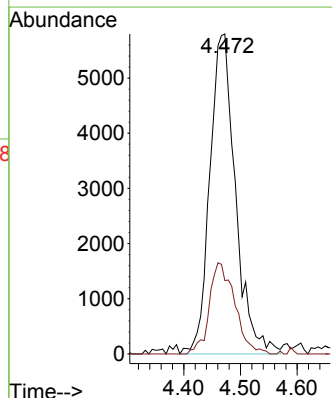
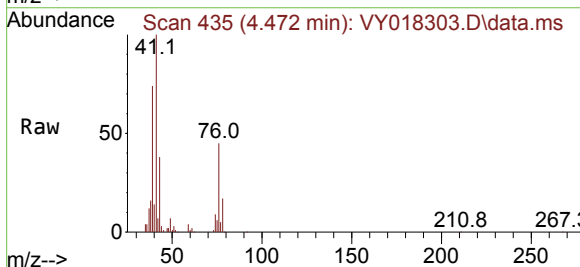
Acq: 17 May 2024 13:11

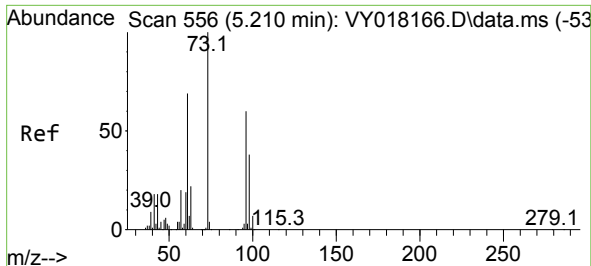
Tgt Ion: 43 Resp: 18250

Ion Ratio Lower Upper

43 100

74 28.3 23.3 34.9

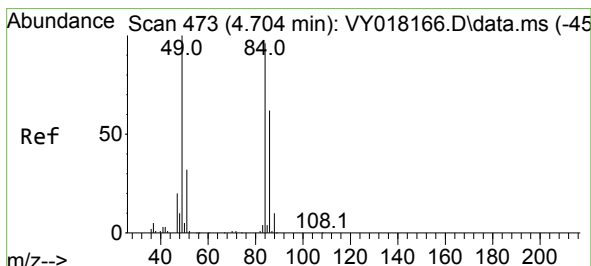
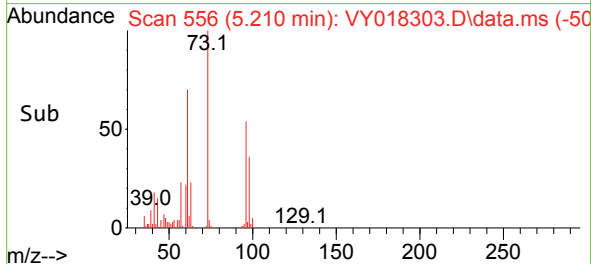
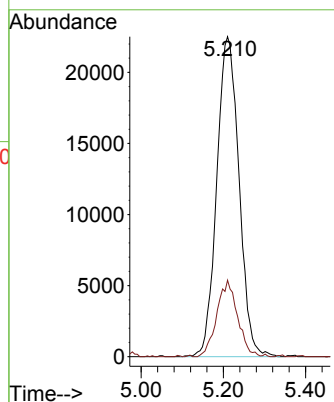
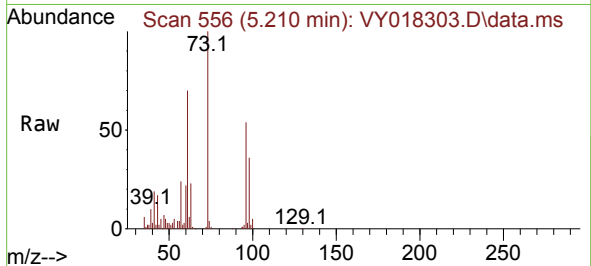




#19
Methyl tert-butyl Ether
Concen: 22.859 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

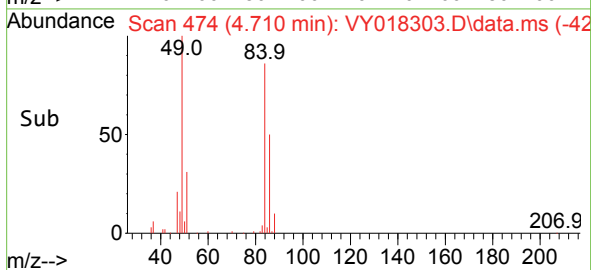
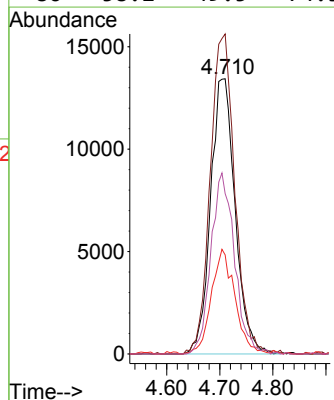
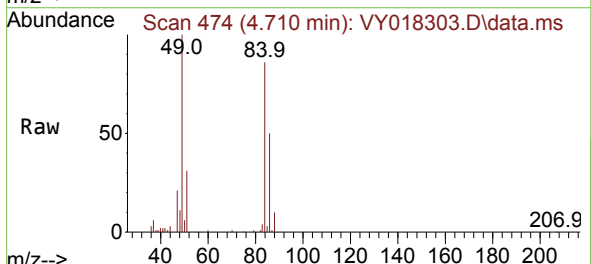
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

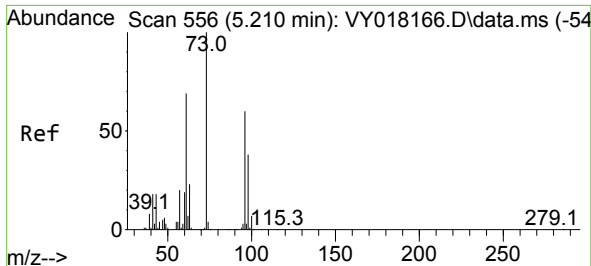
Tgt Ion: 73 Resp: 84569
Ion Ratio Lower Upper
73 100
57 23.7 17.3 25.9



#20
Methylene Chloride
Concen: 24.291 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

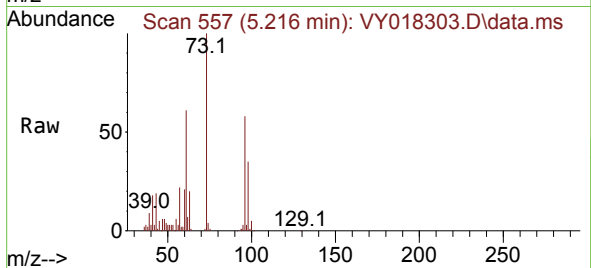
Tgt Ion: 84 Resp: 43289
Ion Ratio Lower Upper
84 100
49 116.3 84.4 126.6
51 36.0 26.0 39.0
86 58.2 49.5 74.3



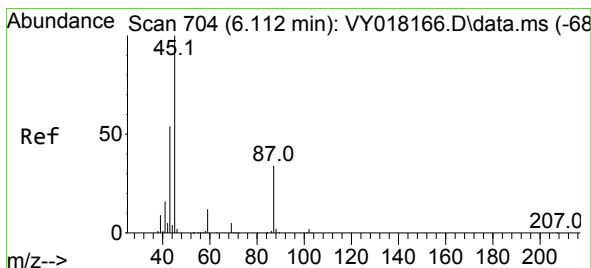
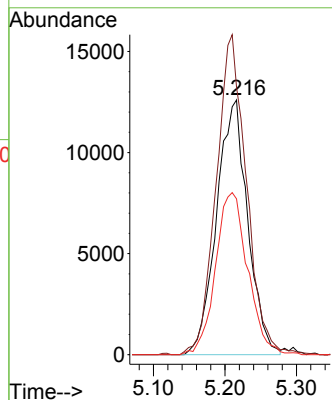
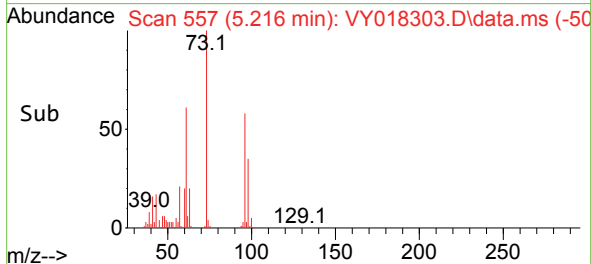


#21
trans-1,2-Dichloroethene
Concen: 21.627 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

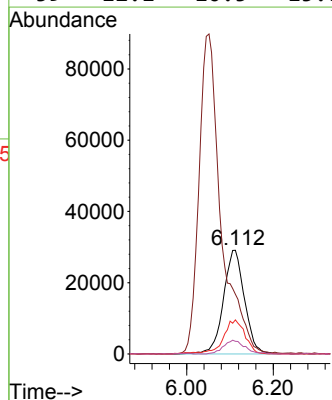
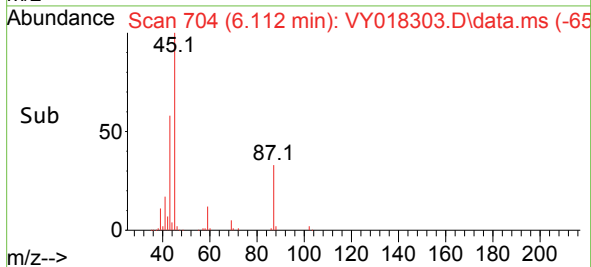
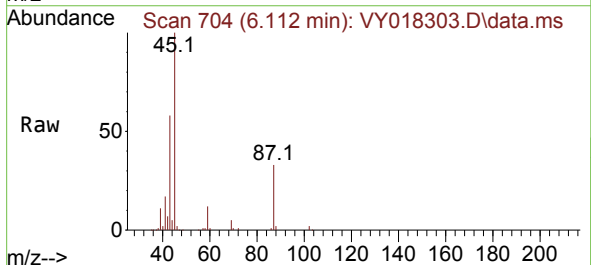


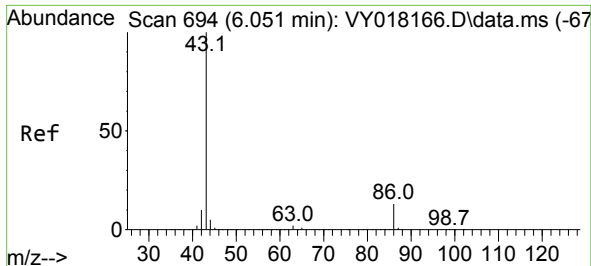
Tgt Ion: 96 Resp: 38074
Ion Ratio Lower Upper
96 100
61 105.1 97.5 146.3
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 21.953 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 45 Resp: 98392
Ion Ratio Lower Upper
45 100
43 56.9 42.2 63.2
87 32.8 25.0 37.6
59 12.1 10.5 15.7

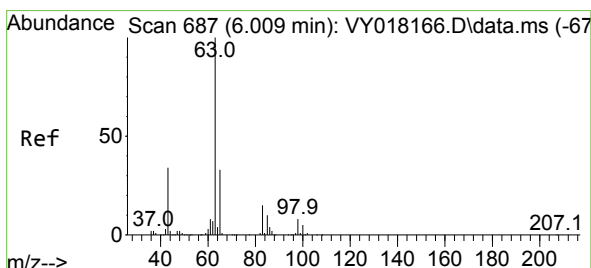
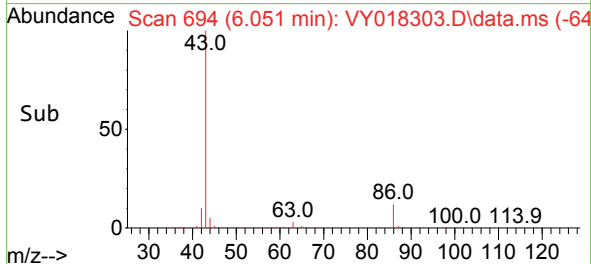
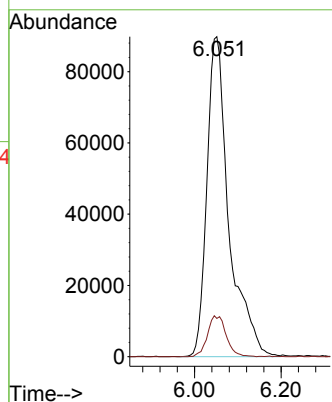
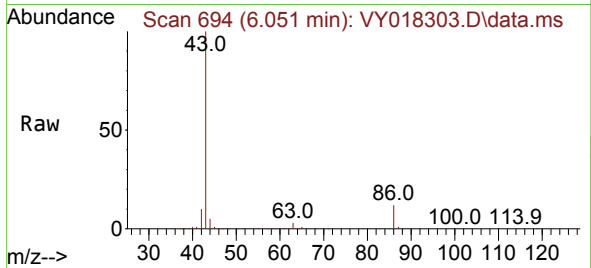




#23
 Vinyl Acetate
 Concen: 116.657 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

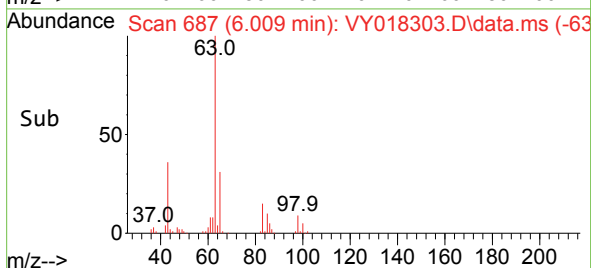
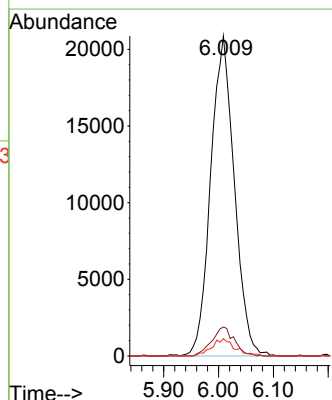
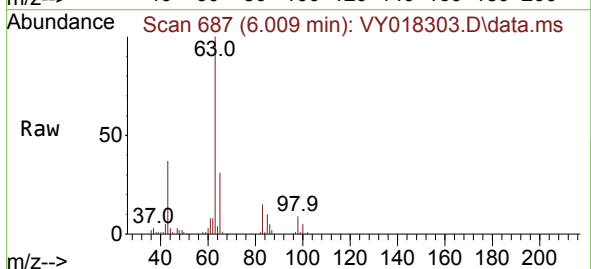
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

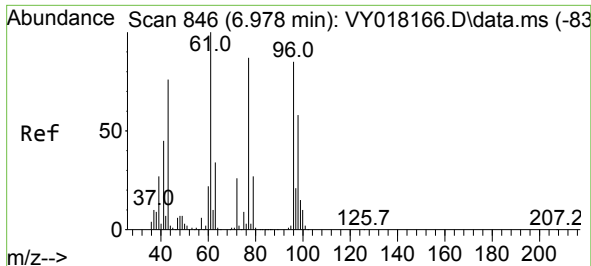
Tgt Ion: 43 Resp: 317792
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.626 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

Tgt Ion: 63 Resp: 62459
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 122.058 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

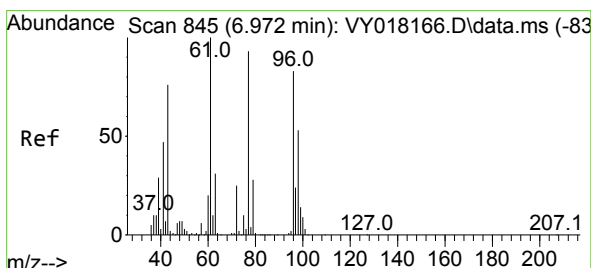
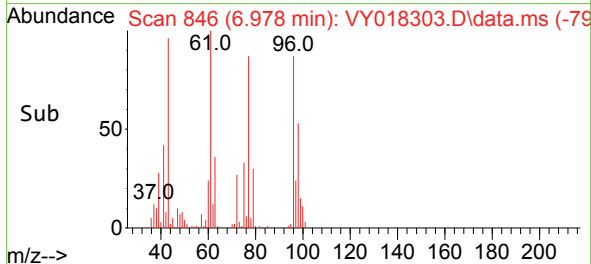
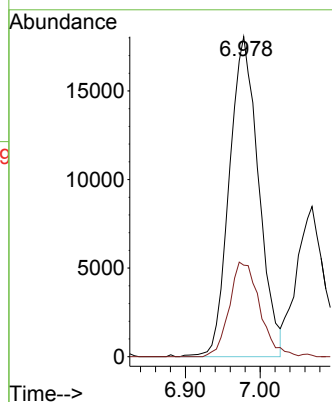
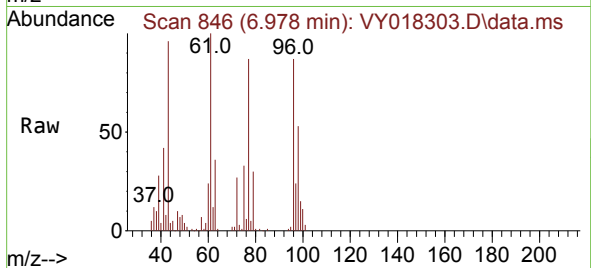
VY0517SBS01

Tgt Ion: 43 Resp: 49192

Ion Ratio Lower Upper

43 100

72 28.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.965 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018303.D

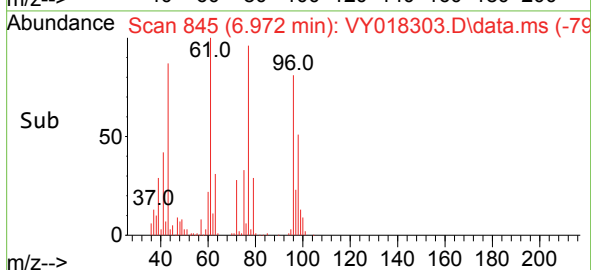
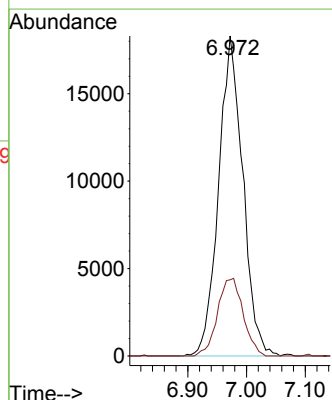
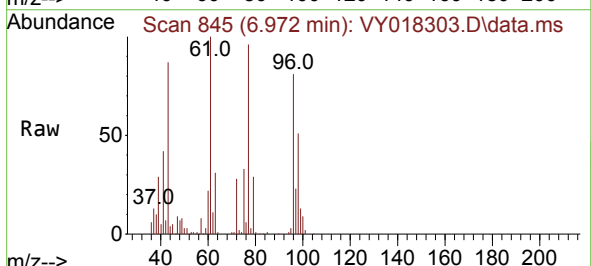
Acq: 17 May 2024 13:11

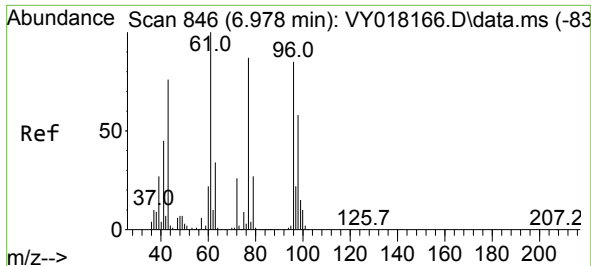
Tgt Ion: 77 Resp: 52382

Ion Ratio Lower Upper

77 100

97 25.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.301 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

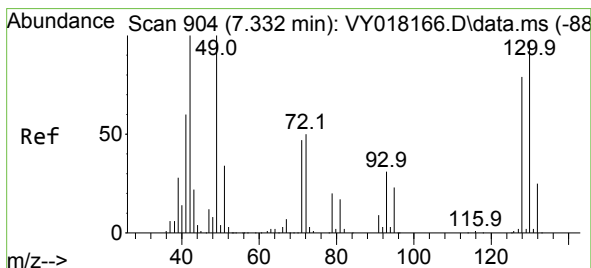
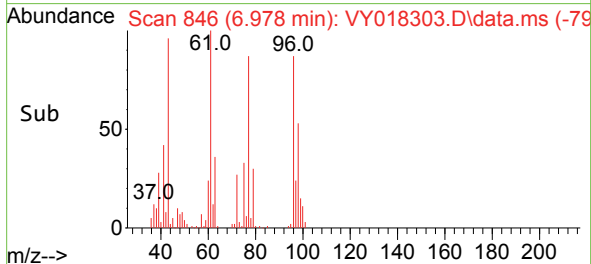
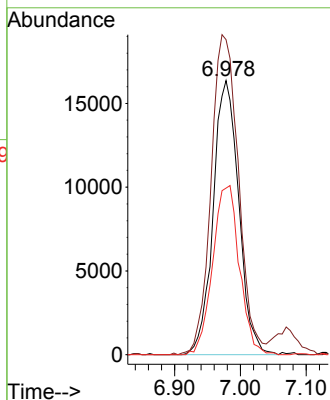
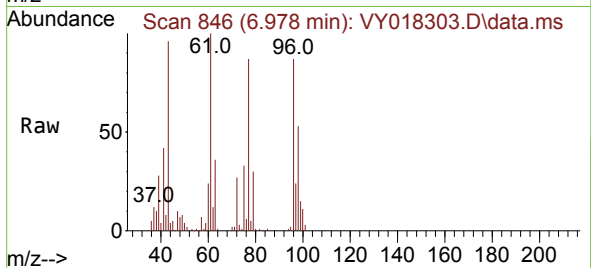
Tgt Ion: 96 Resp: 44317

Ion Ratio Lower Upper

96 100

61 125.2 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 18.806 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

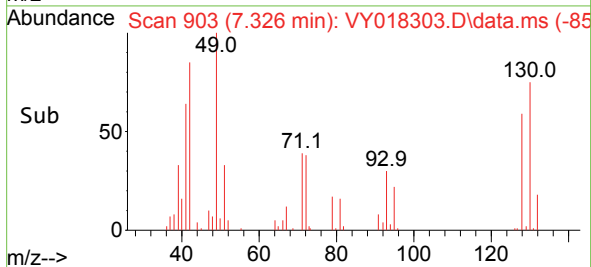
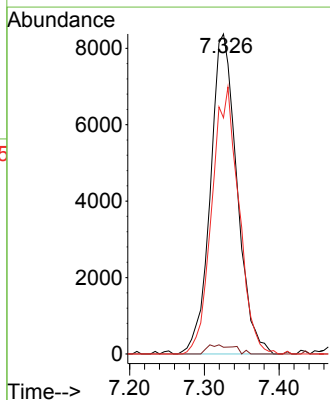
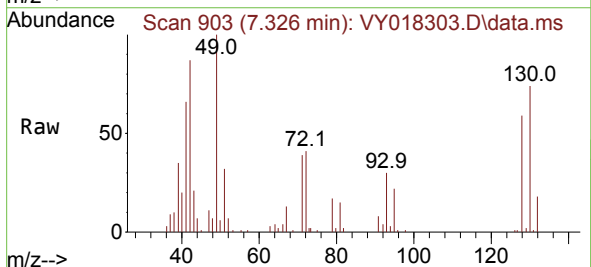
Tgt Ion: 49 Resp: 20750

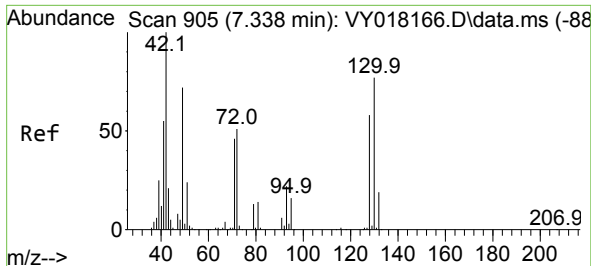
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 84.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 119.110 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

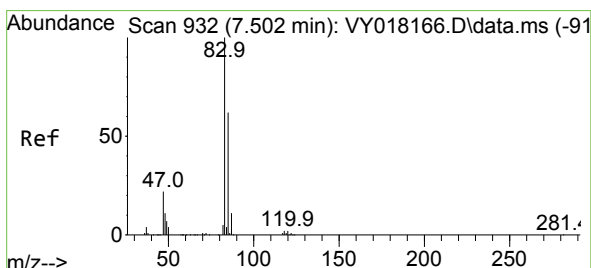
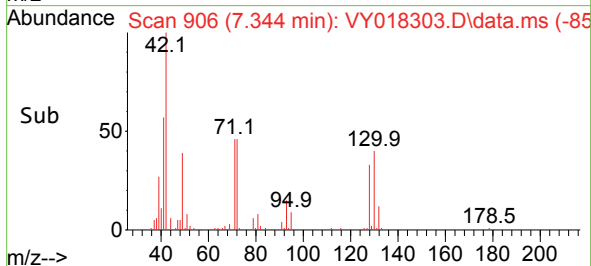
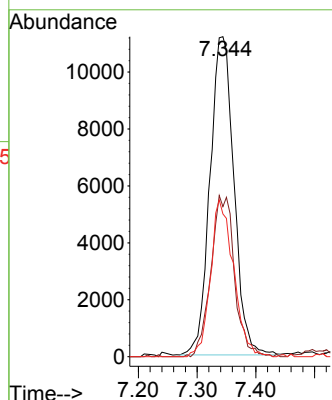
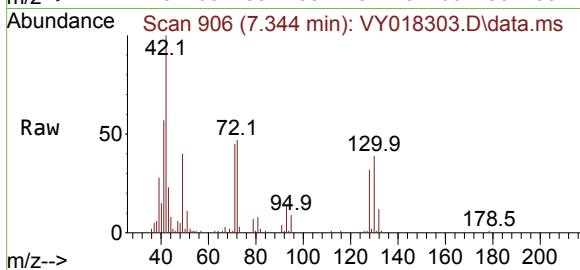
Tgt Ion: 42 Resp: 31687

Ion Ratio Lower Upper

42 100

72 50.0 43.0 64.4

71 47.4 40.8 61.2



#30

Chloroform

Concen: 21.823 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018303.D

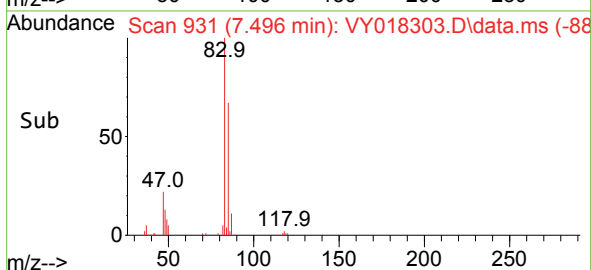
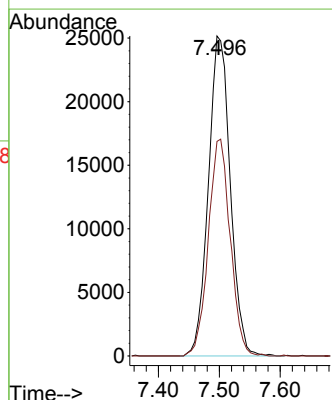
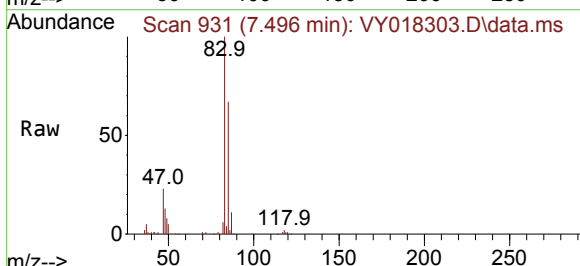
Acq: 17 May 2024 13:11

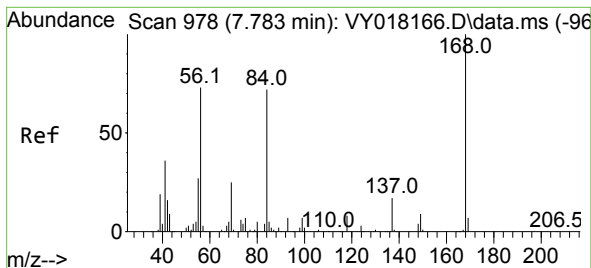
Tgt Ion: 83 Resp: 62892

Ion Ratio Lower Upper

83 100

85 67.0 52.2 78.4





#31

Cyclohexane

Concen: 22.505 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

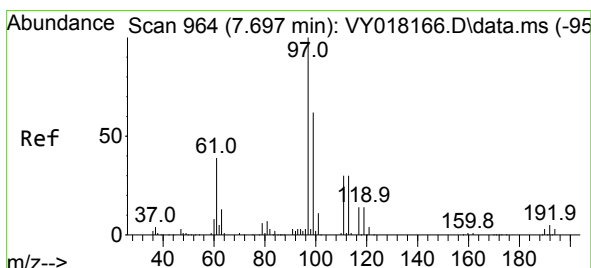
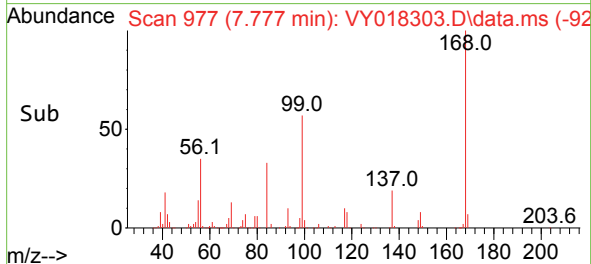
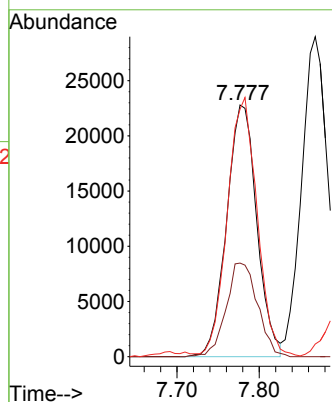
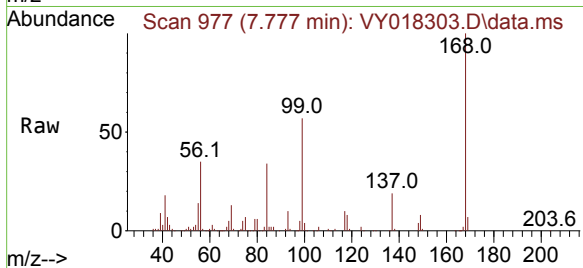
Tgt Ion: 56 Resp: 58227

Ion Ratio Lower Upper

56 100

69 37.2 28.7 43.1

84 97.2 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 21.223 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

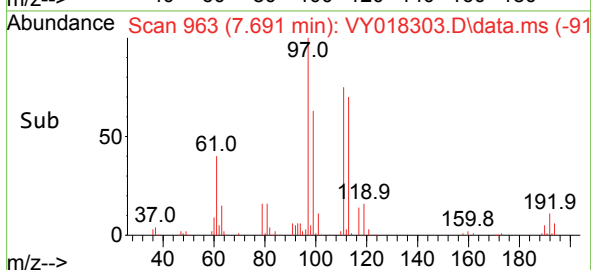
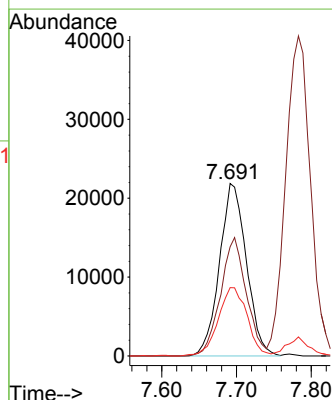
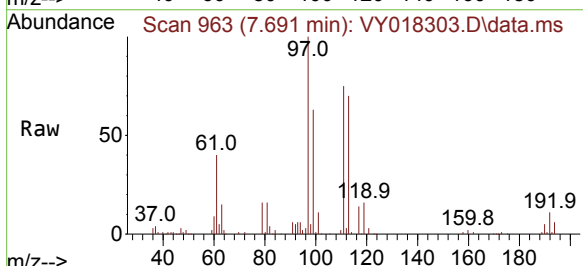
Tgt Ion: 97 Resp: 54819

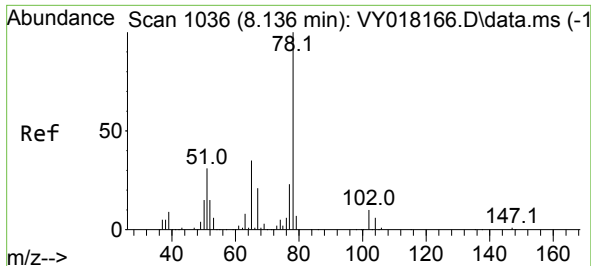
Ion Ratio Lower Upper

97 100

99 65.9 50.3 75.5

61 42.5 32.6 48.8

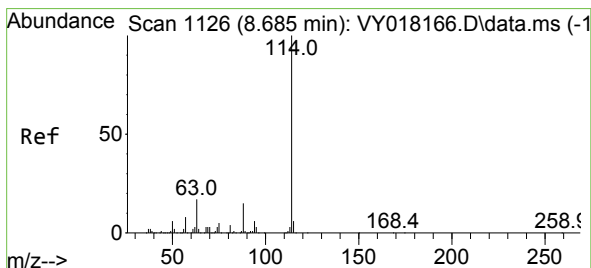
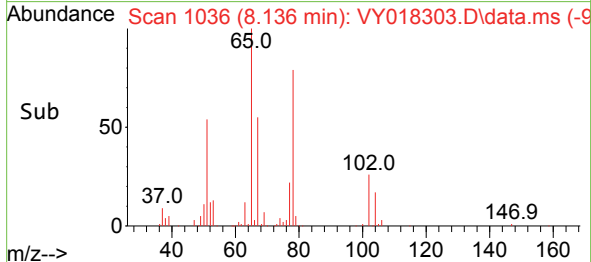
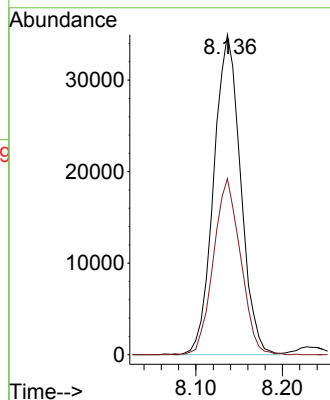
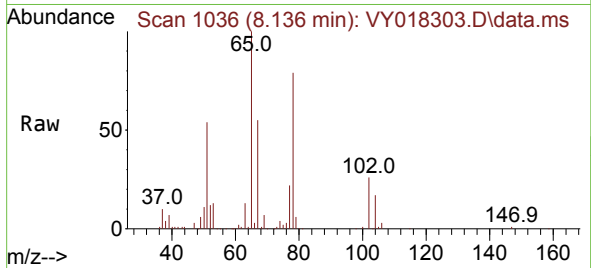




#33
 1,2-Dichloroethane-d4
 Concen: 59.752 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

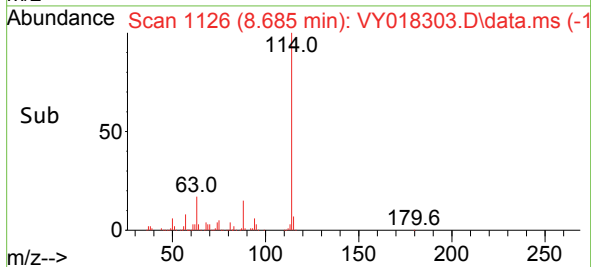
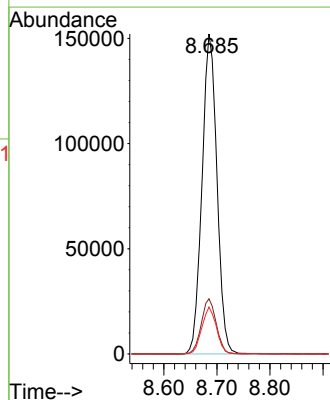
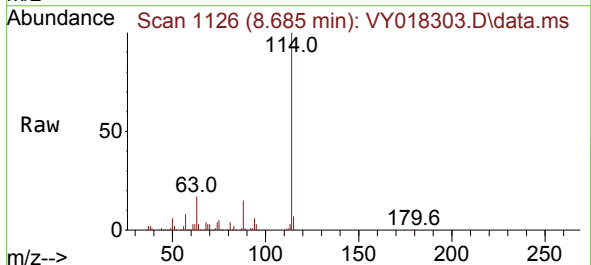
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

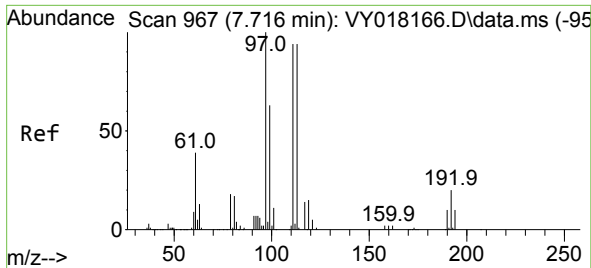
Tgt Ion: 65 Resp: 75491
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

Tgt Ion: 114 Resp: 297337
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 14.7 0.0 27.2

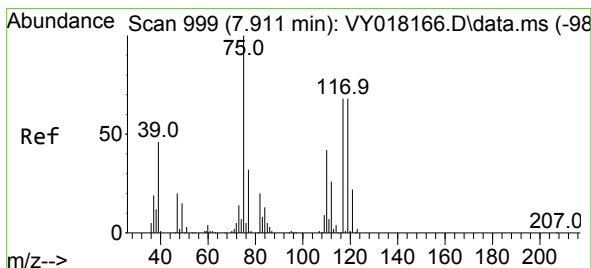
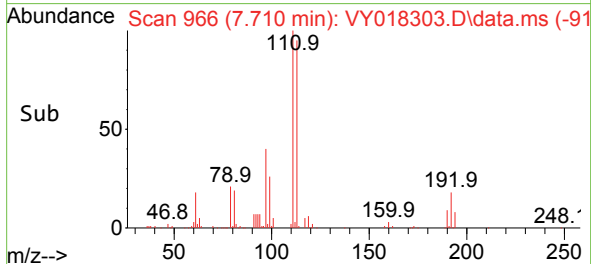
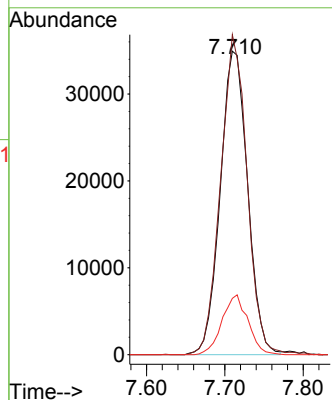
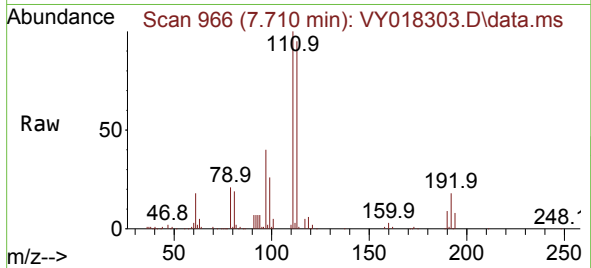




#35
Dibromofluoromethane
Concen: 54.295 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

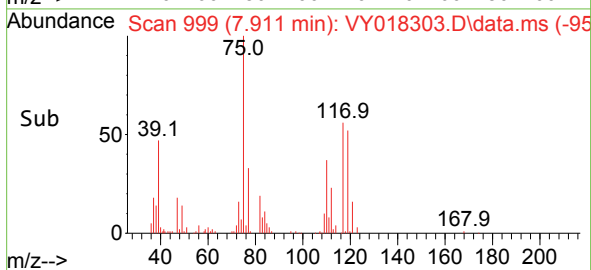
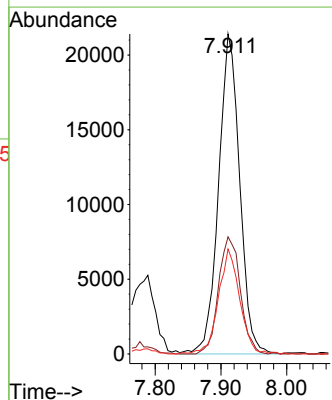
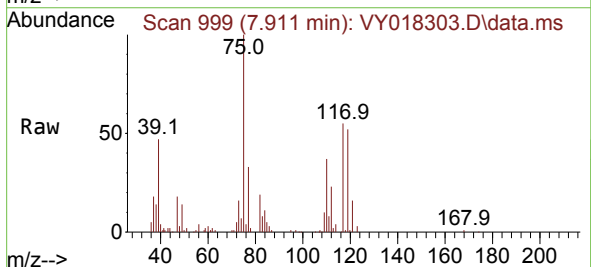
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBS01

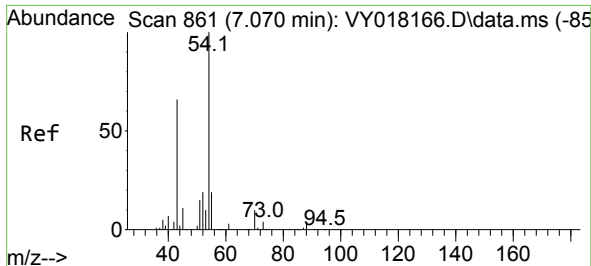
Tgt Ion:113 Resp: 84844
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.378 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 75 Resp: 47891
Ion Ratio Lower Upper
75 100
110 37.8 19.0 57.0
77 33.1 25.3 37.9

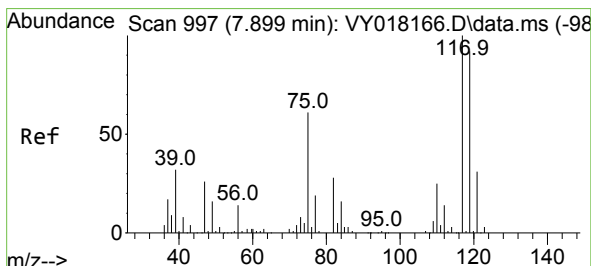
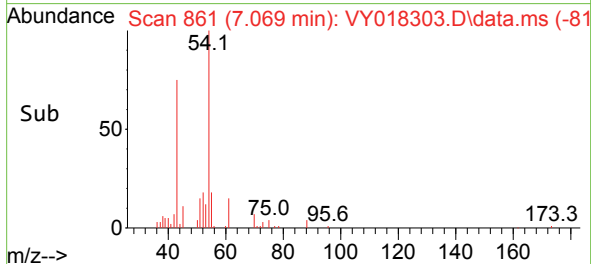
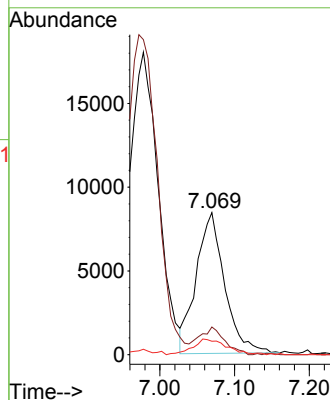
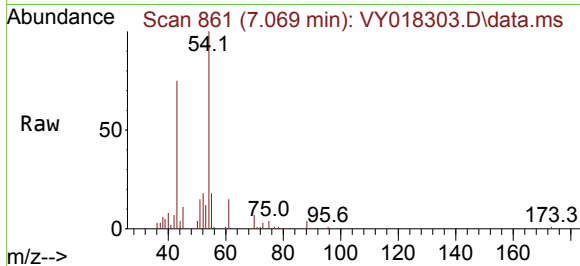




#37
Ethyl Acetate
Concen: 23.615 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

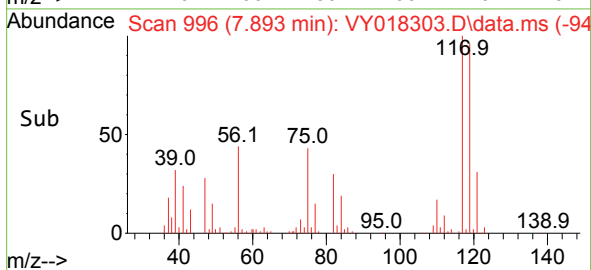
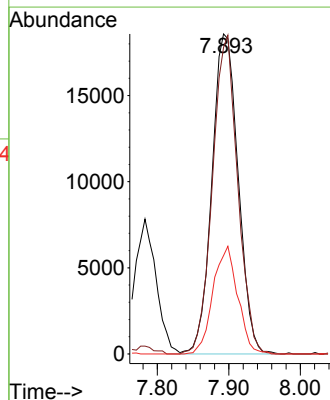
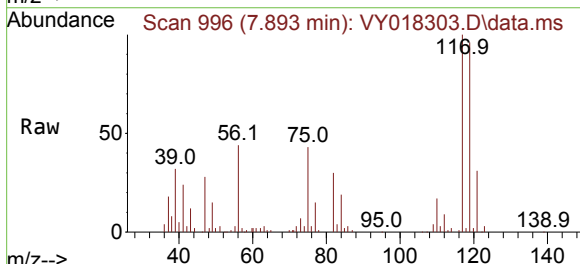
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

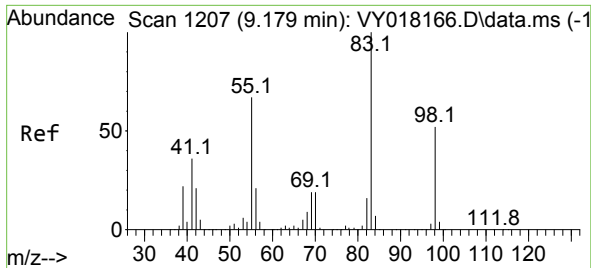
Tgt Ion: 43 Resp: 22266
Ion Ratio Lower Upper
43 100
61 17.6 12.6 19.0
70 13.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.344 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 117 Resp: 47350
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 30.8 24.0 36.0

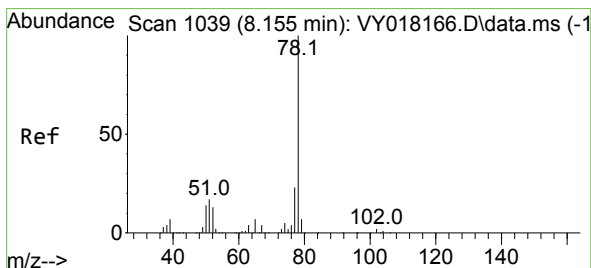
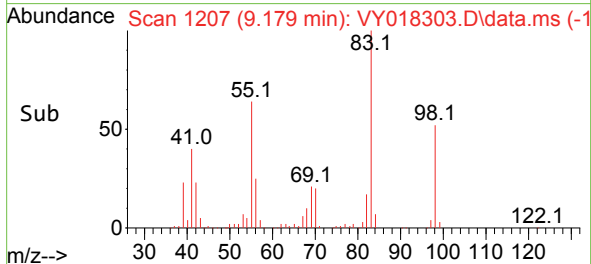
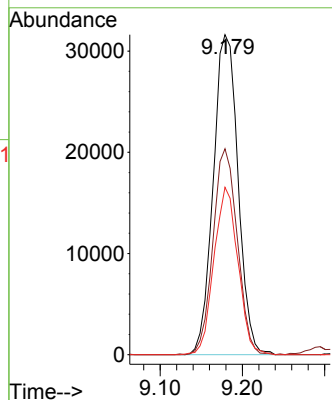
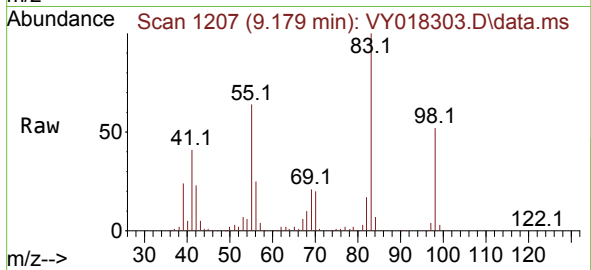




#39
Methylcyclohexane
Concen: 20.531 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

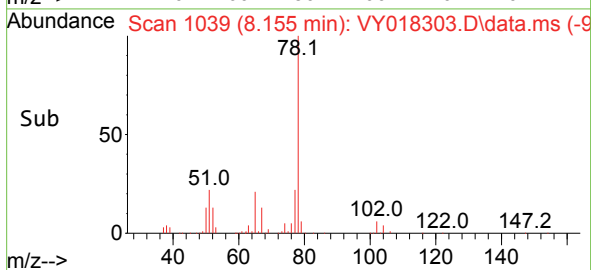
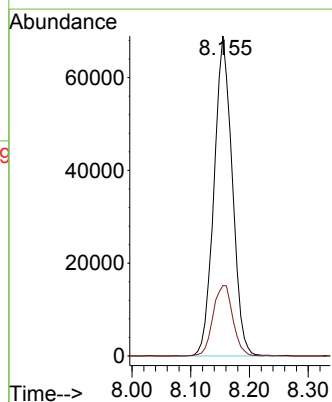
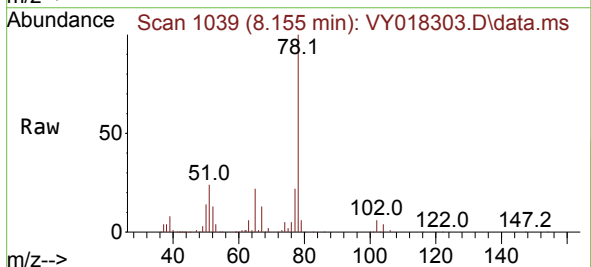
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

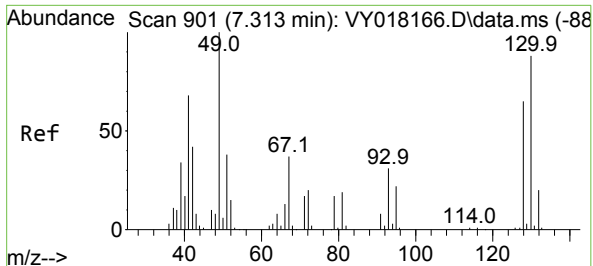
Tgt Ion: 83 Resp: 66351
Ion Ratio Lower Upper
83 100
55 64.1 51.5 77.3
98 52.3 40.5 60.7



#40
Benzene
Concen: 20.573 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 78 Resp: 148246
Ion Ratio Lower Upper
78 100
77 22.0 19.5 29.3

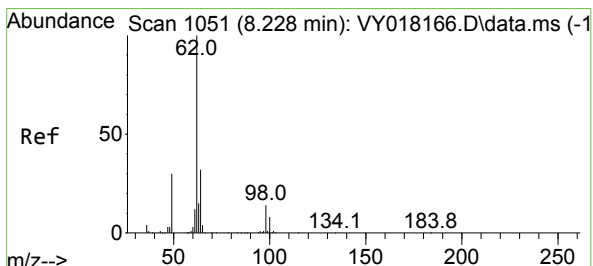
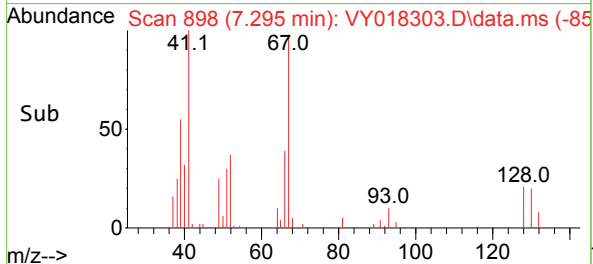
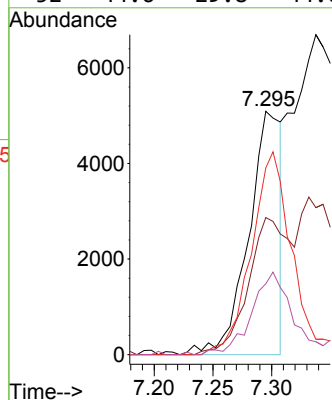
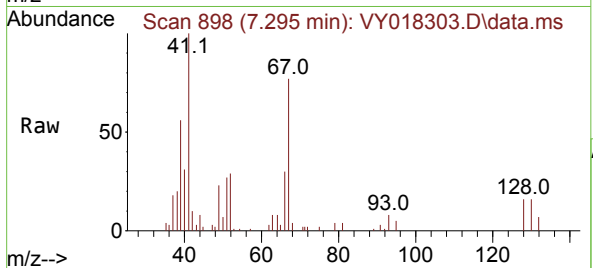




#41
Methacrylonitrile
Concen: 18.078 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

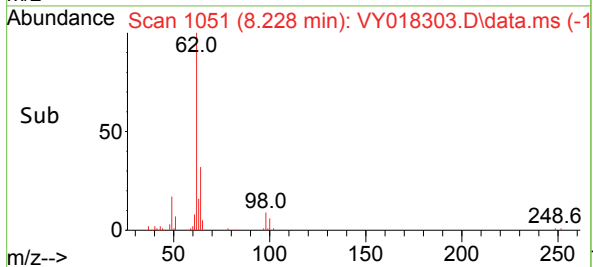
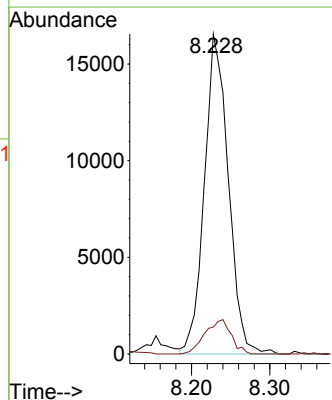
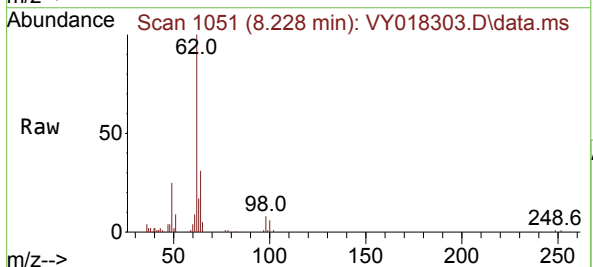
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

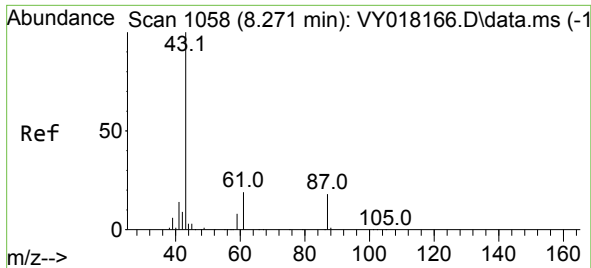
Tgt Ion:	41	Resp:	9843
Ion	Ratio	Lower	Upper
41	100		
39	73.7	48.0	72.0#
67	104.1	75.1	112.7
52	44.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.399 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:	62	Resp:	35118
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.0

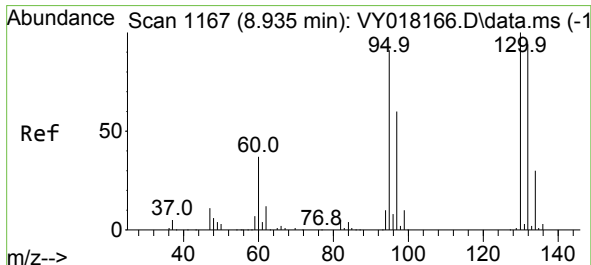
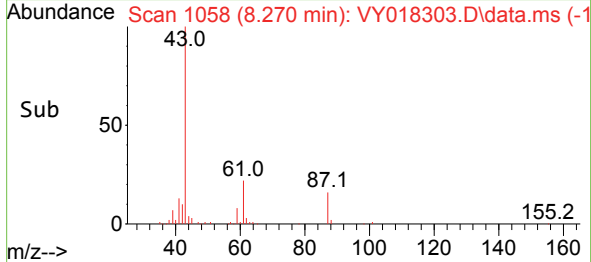
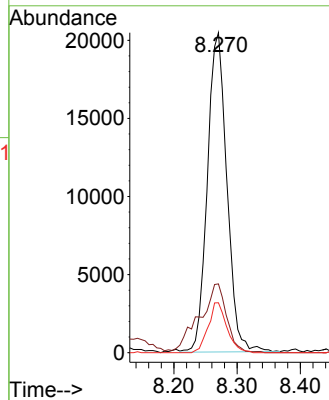
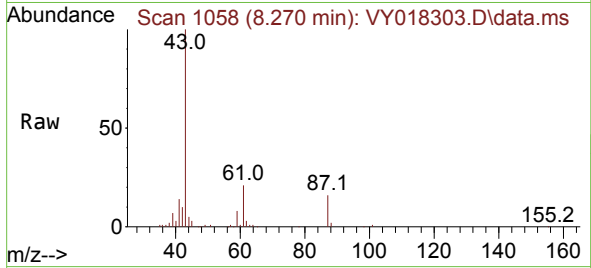




#43
Isopropyl Acetate
Concen: 22.661 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

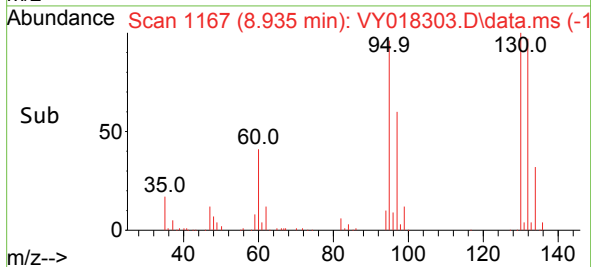
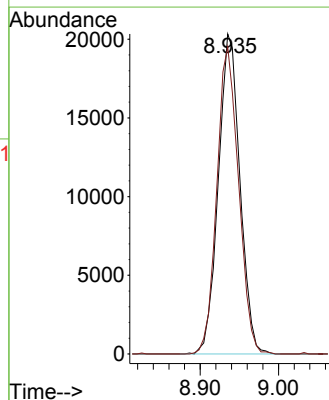
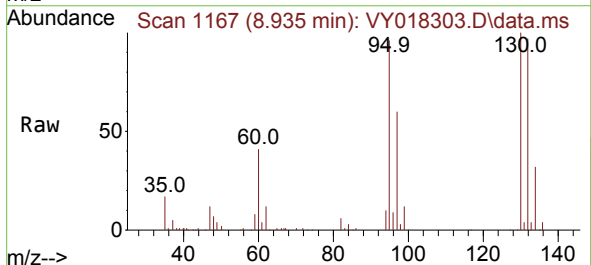
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

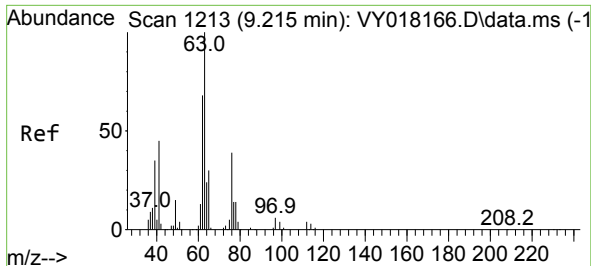
Tgt Ion: 43 Resp: 43795
Ion Ratio Lower Upper
43 100
61 30.0 27.9 41.9
87 15.0 13.1 19.7



#44
Trichloroethene
Concen: 19.916 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 130 Resp: 39067
Ion Ratio Lower Upper
130 100
95 96.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.769 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

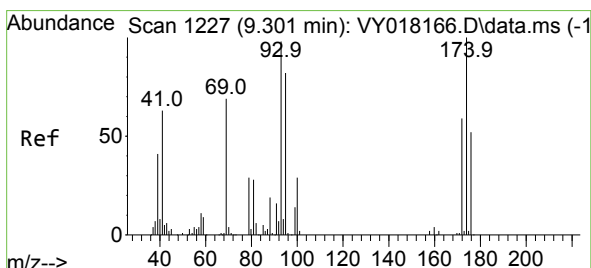
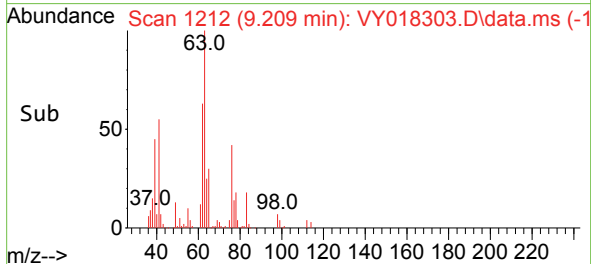
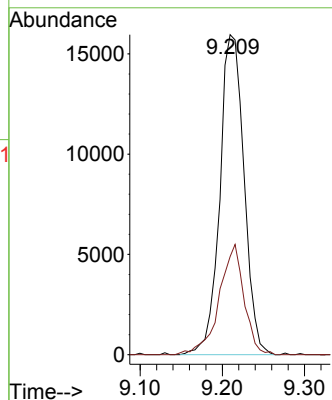
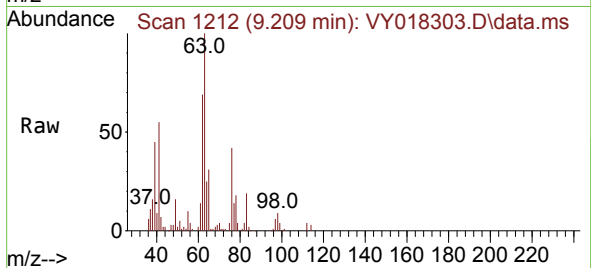
VY0517SBSD01

Tgt Ion: 63 Resp: 32719

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 20.833 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

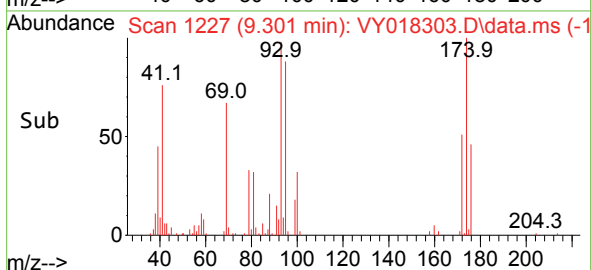
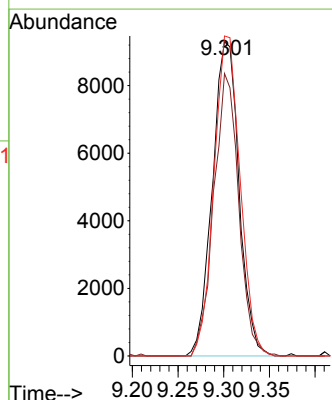
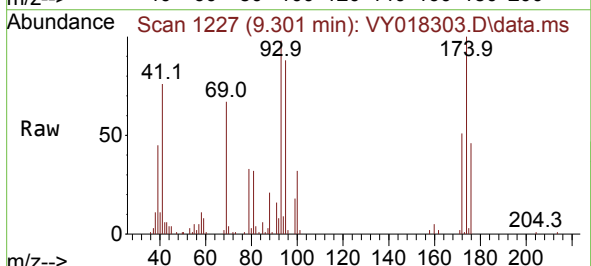
Tgt Ion: 93 Resp: 18867

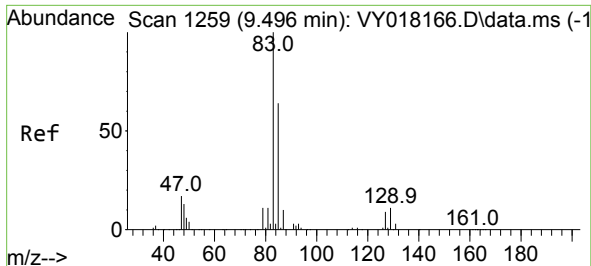
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 100.0 80.9 121.3

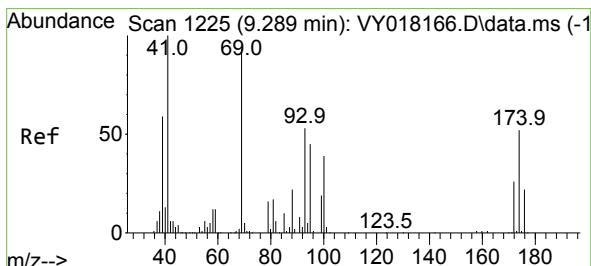
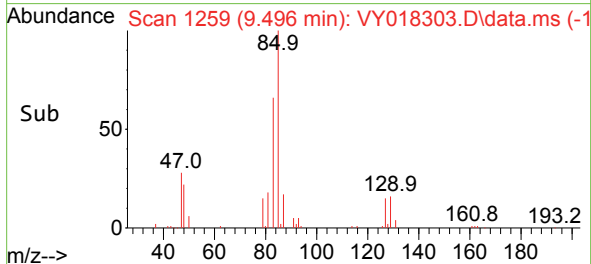
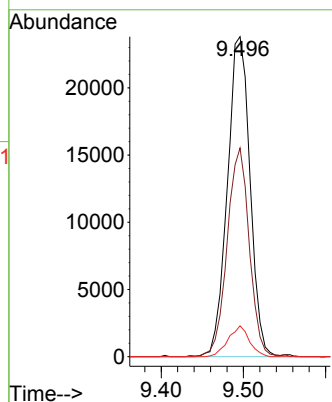
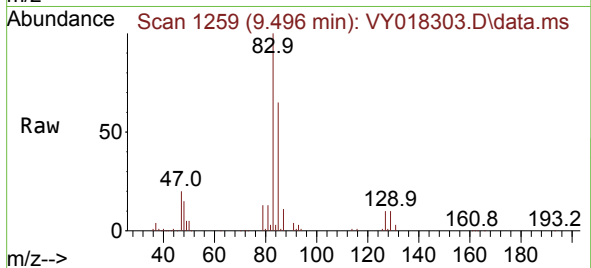




#47
Bromodichloromethane
Concen: 20.355 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

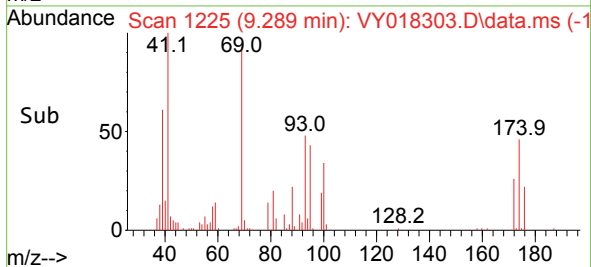
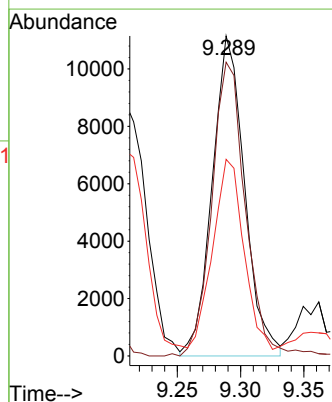
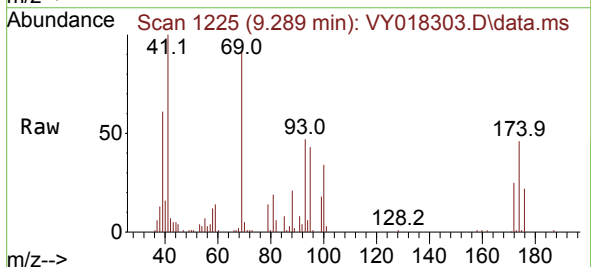
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

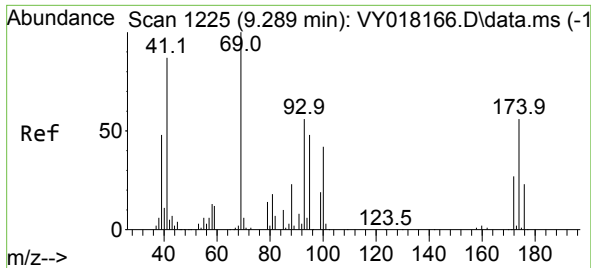
Tgt Ion: 83 Resp: 45572
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 9.6 7.4 11.0



#48
Methyl methacrylate
Concen: 22.390 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 41 Resp: 19832
Ion Ratio Lower Upper
41 100
69 95.5 84.1 126.1
39 56.9 43.6 65.4

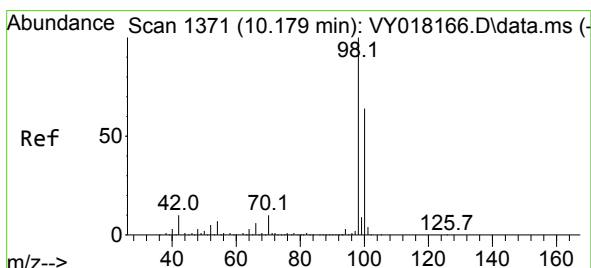
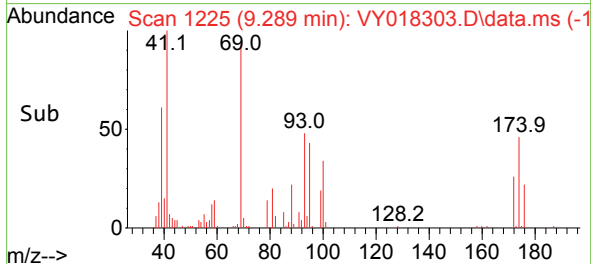
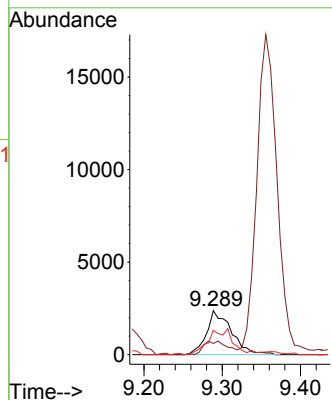
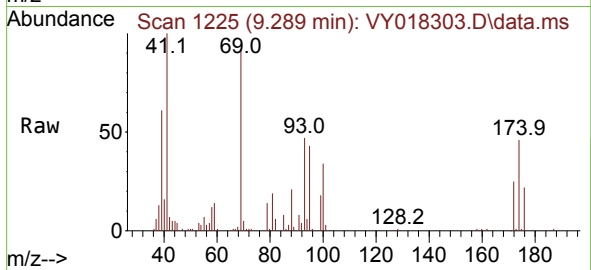




#49
1,4-Dioxane
Concen: 436.975 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

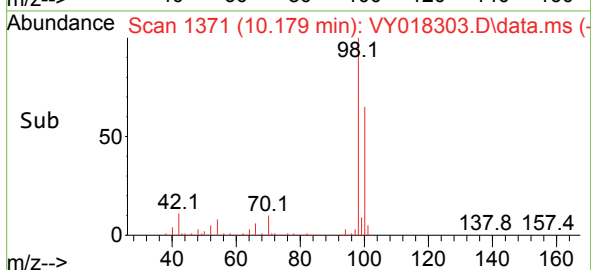
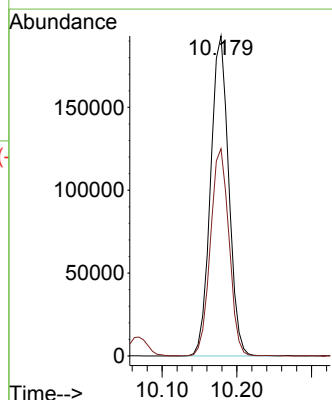
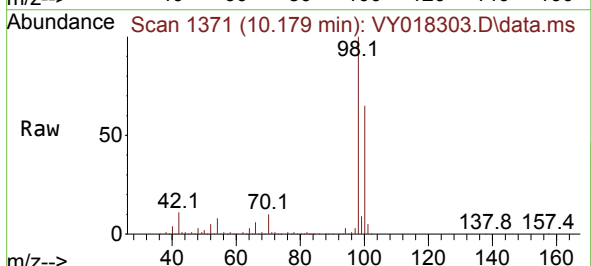
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

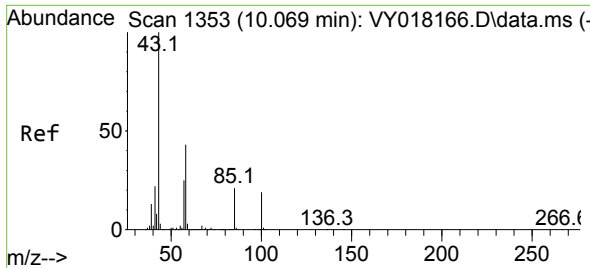
Tgt Ion: 88 Resp: 5253
Ion Ratio Lower Upper
88 100
43 30.3 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 52.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 98 Resp: 325774
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

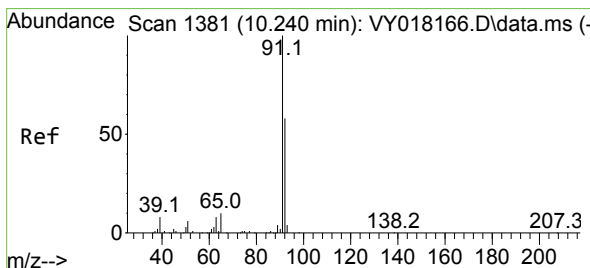
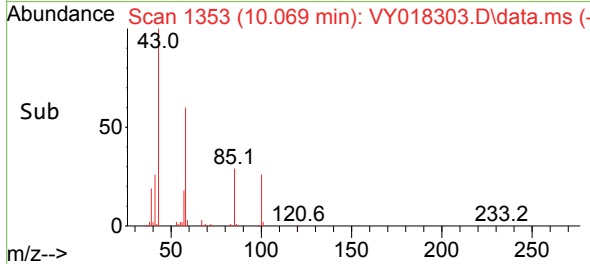
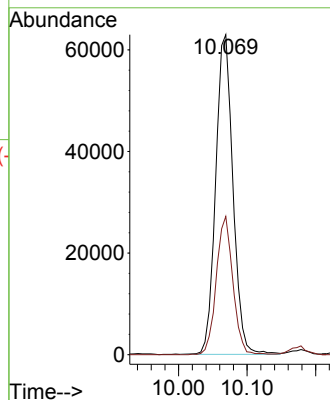
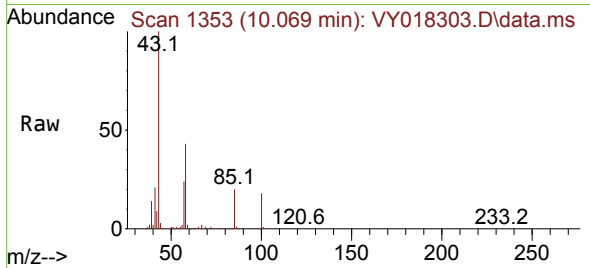




#51
4-Methyl-2-Pentanone
Concen: 113.070 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

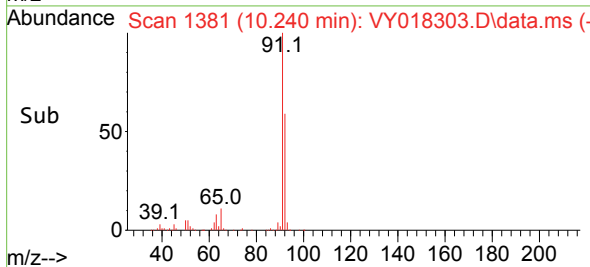
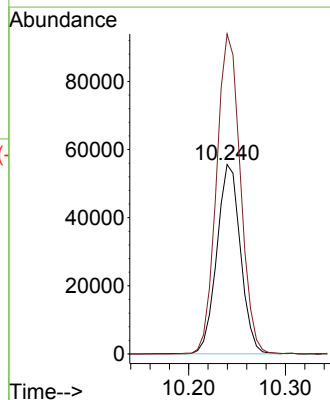
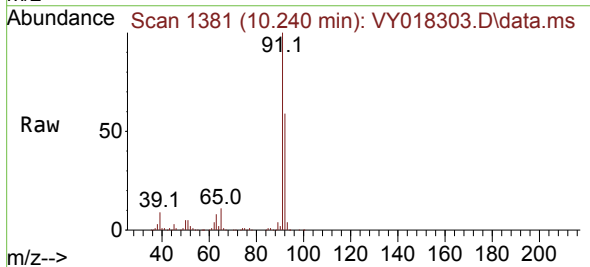
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

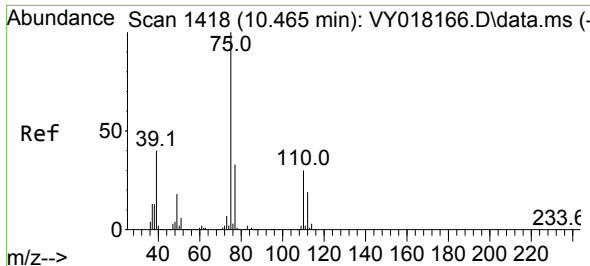
Tgt Ion: 43 Resp: 109830
Ion Ratio Lower Upper
43 100
58 41.6 35.7 53.5



#52
Toluene
Concen: 20.298 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 92 Resp: 94158
Ion Ratio Lower Upper
92 100
91 171.4 139.0 208.6

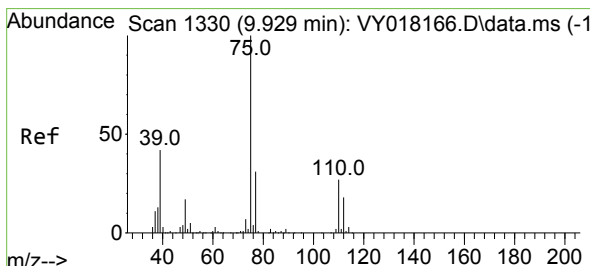
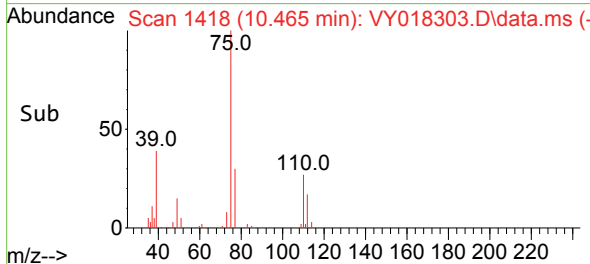
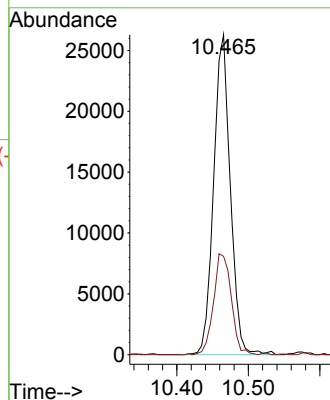
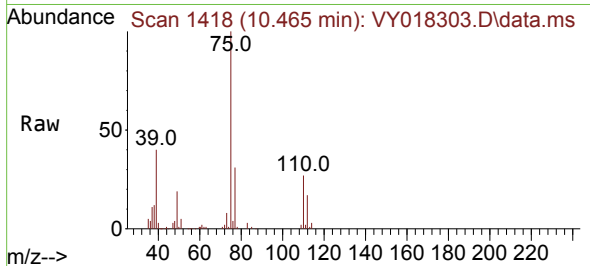




#53
 t-1,3-Dichloropropene
 Concen: 20.315 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

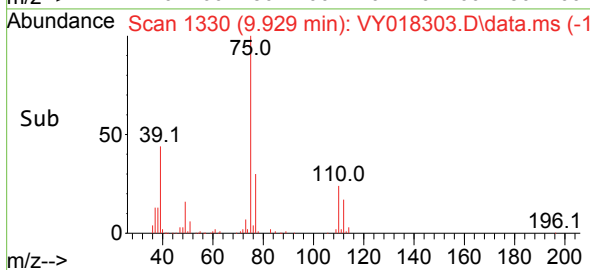
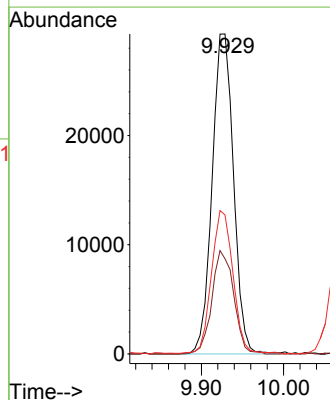
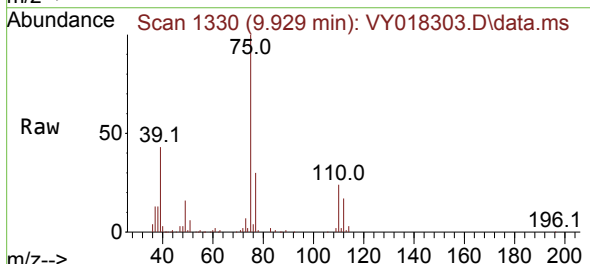
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

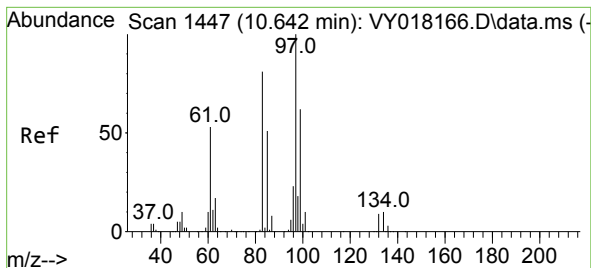
Tgt Ion: 75 Resp: 42484
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.705 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

Tgt Ion: 75 Resp: 52930
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0
 39 43.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.691 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

Tgt Ion: 97 Resp: 25742

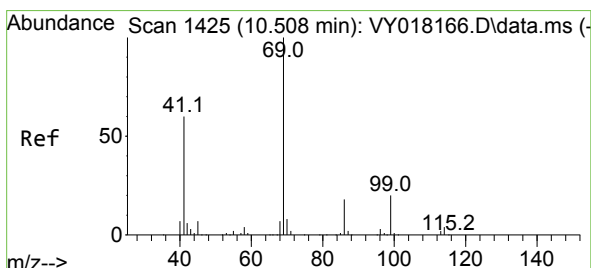
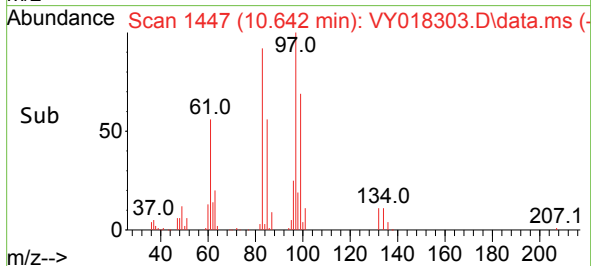
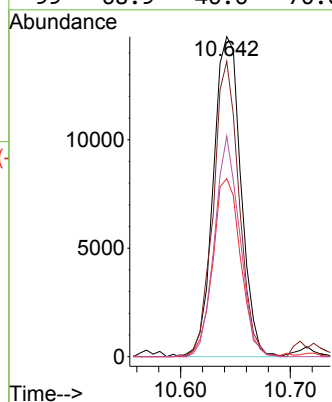
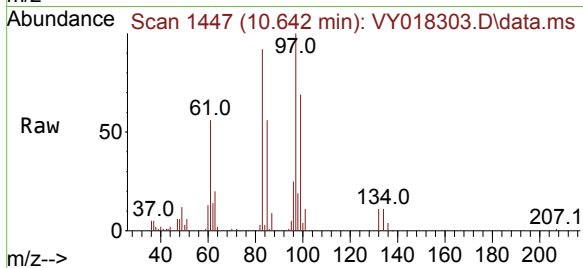
Ion Ratio Lower Upper

97 100

83 91.9 67.5 101.3

85 55.7 42.9 64.3

99 68.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.231 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

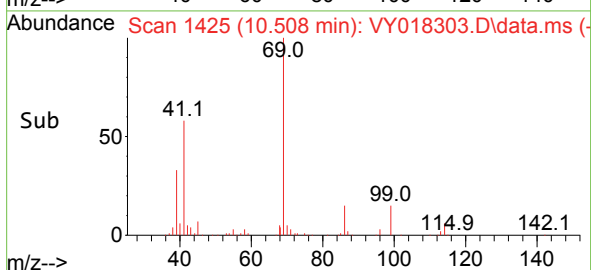
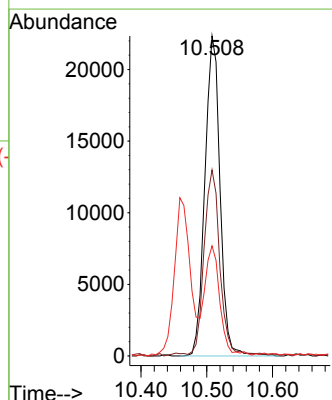
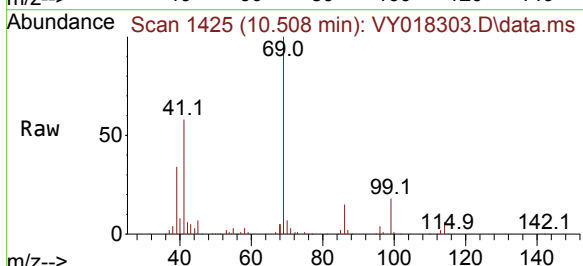
Tgt Ion: 69 Resp: 35873

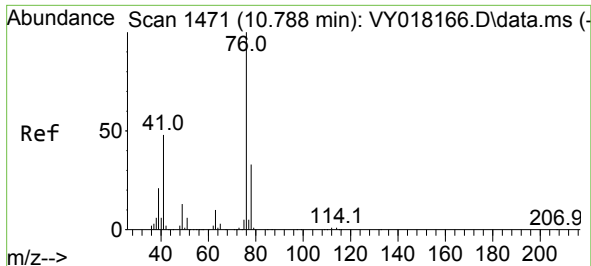
Ion Ratio Lower Upper

69 100

41 61.6 42.3 63.5

39 32.5 22.9 34.3





#57

1,3-Dichloropropane

Concen: 22.124 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

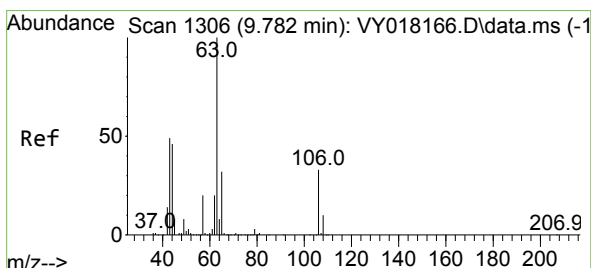
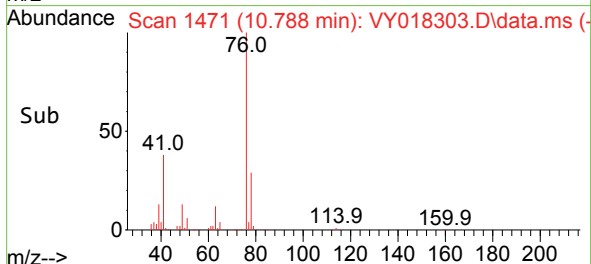
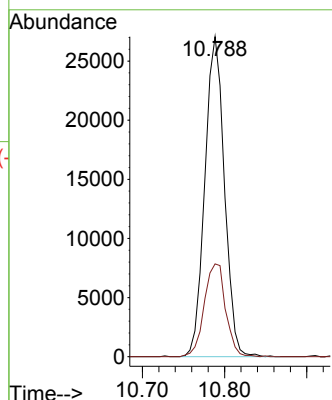
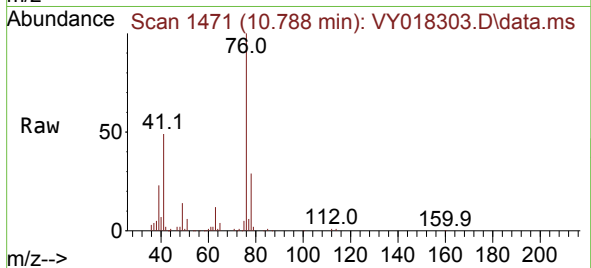
VY0517SBS01

Tgt Ion: 76 Resp: 44797

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.953 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018303.D

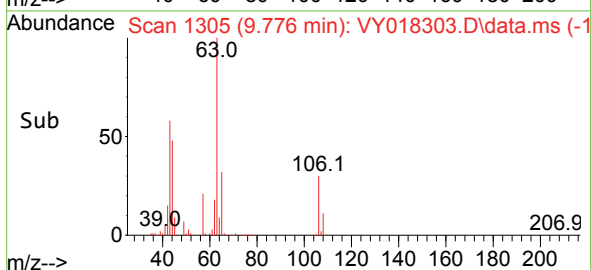
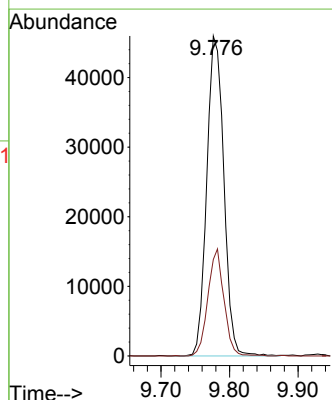
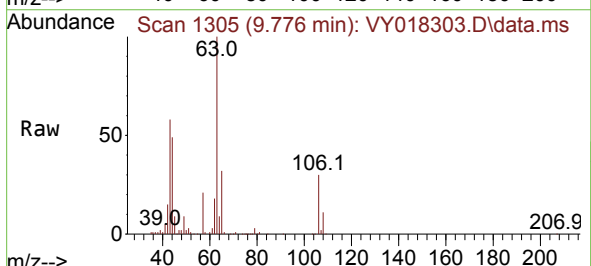
Acq: 17 May 2024 13:11

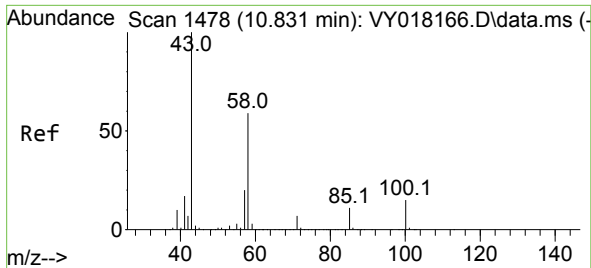
Tgt Ion: 63 Resp: 79837

Ion Ratio Lower Upper

63 100

106 31.4 23.7 35.5

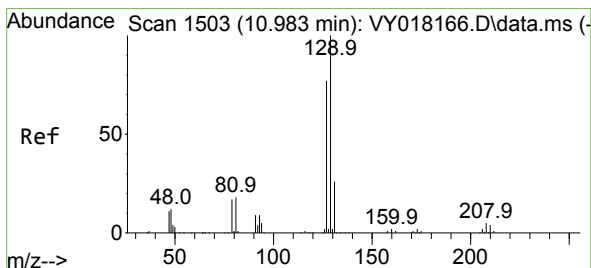
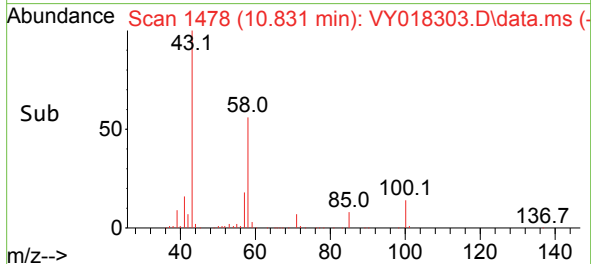
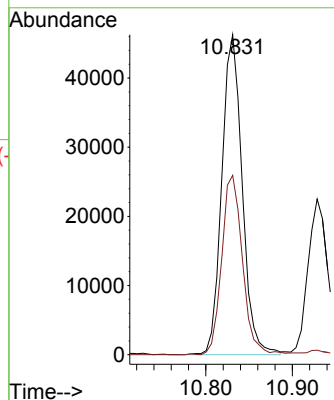
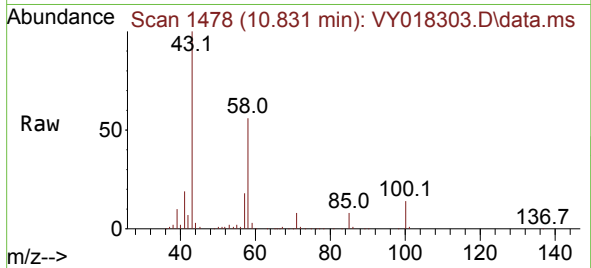




#59
2-Hexanone
Concen: 111.372 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

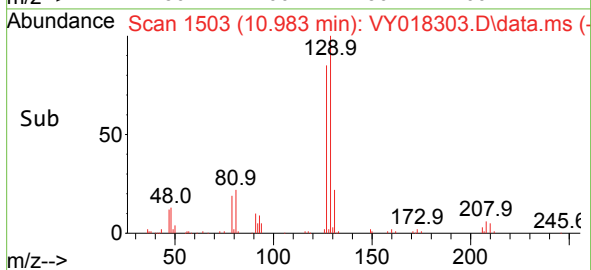
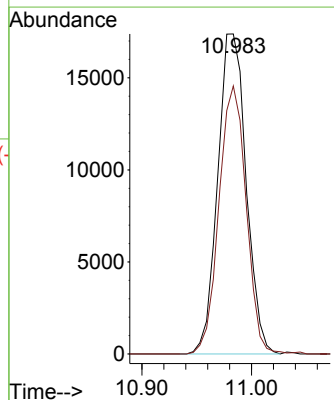
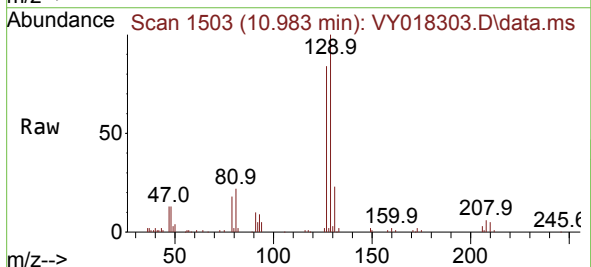
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

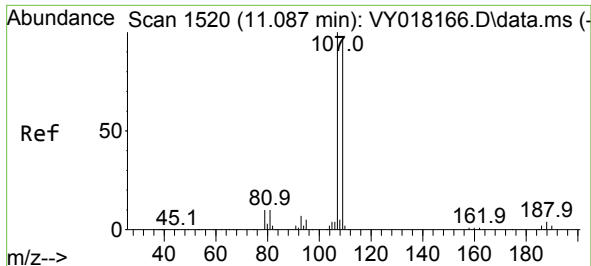
Tgt Ion: 43 Resp: 75641
Ion Ratio Lower Upper
43 100
58 57.2 31.4 94.0



#60
Dibromochloromethane
Concen: 19.411 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 129 Resp: 31331
Ion Ratio Lower Upper
129 100
127 80.1 39.0 117.0

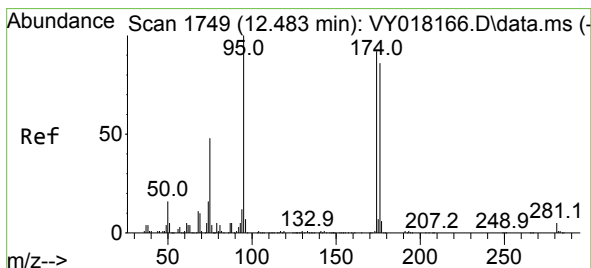
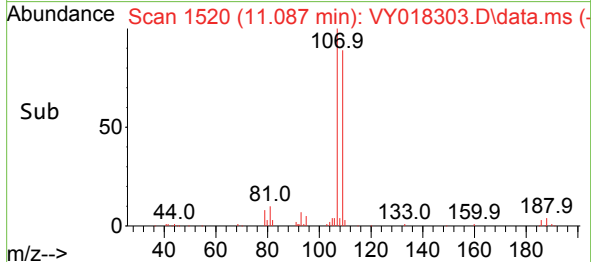
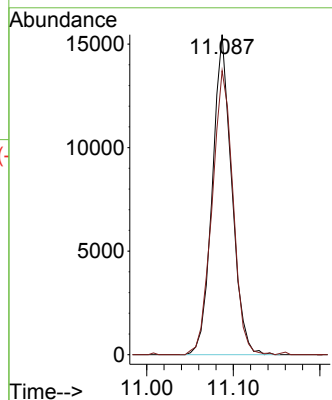
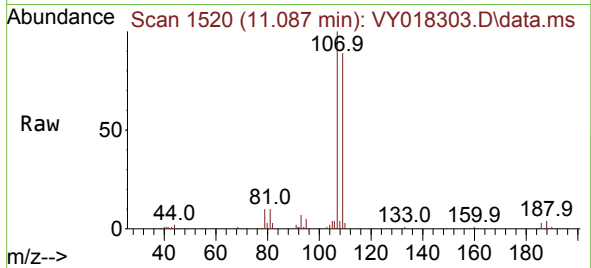




#61
1,2-Dibromoethane
Concen: 20.513 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

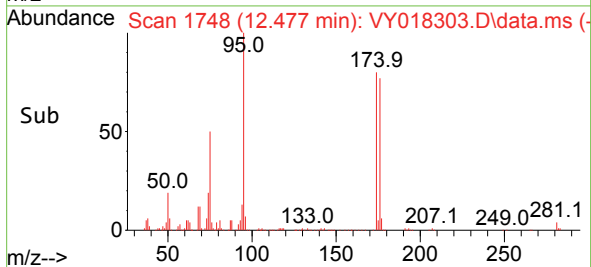
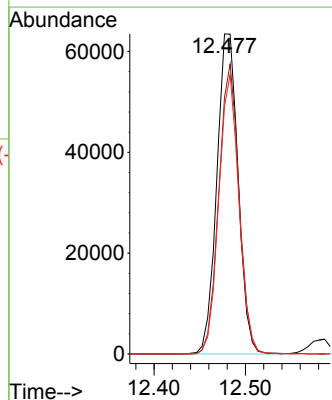
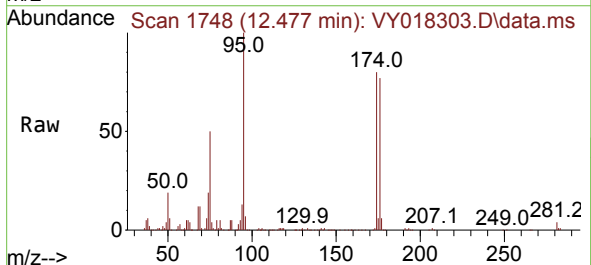
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

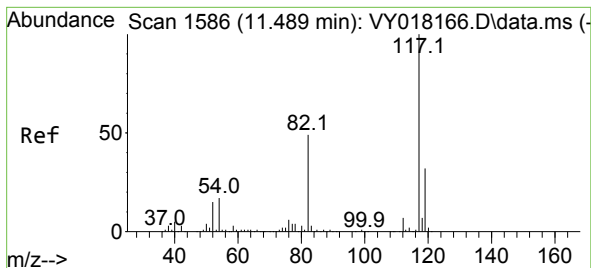
Tgt Ion:107 Resp: 24037
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 95 Resp: 102710
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 82.6 0.0 171.4

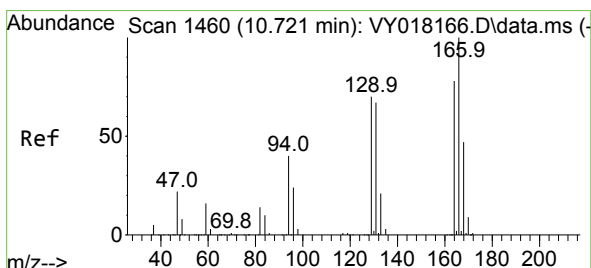
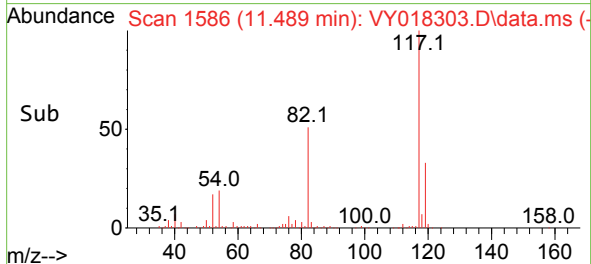
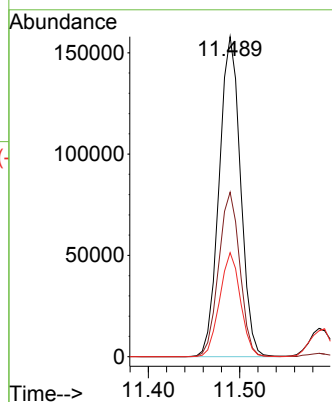
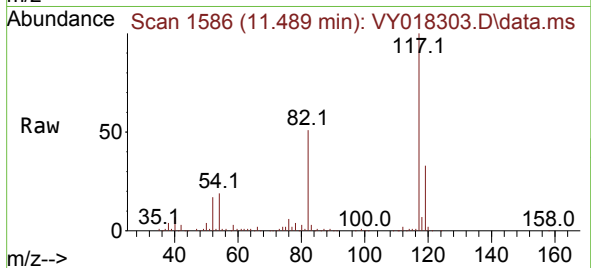




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

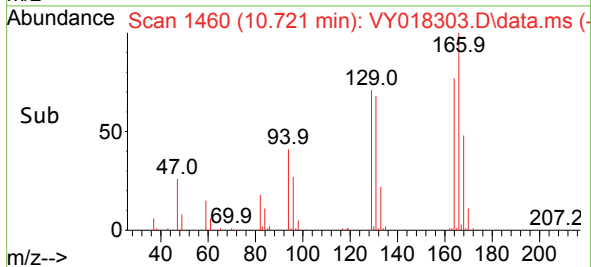
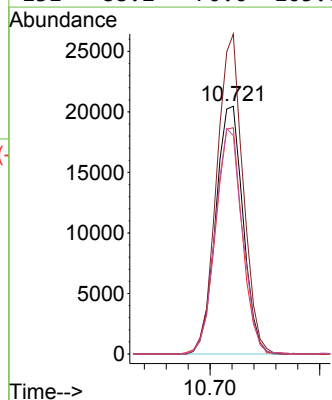
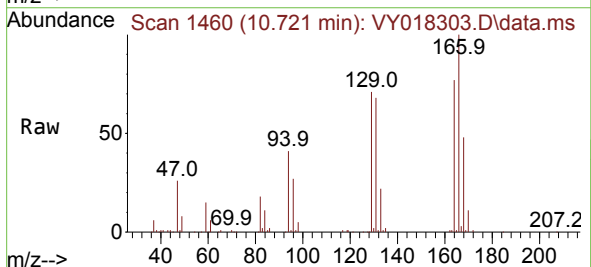
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

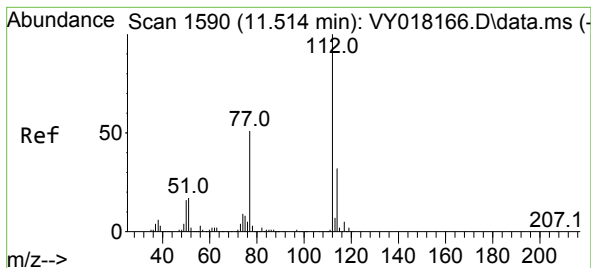
Tgt Ion:117 Resp: 256756
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 20.707 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:164 Resp: 35398
Ion Ratio Lower Upper
164 100
166 129.2 102.6 154.0
129 91.4 72.0 108.0
131 88.2 70.0 105.0

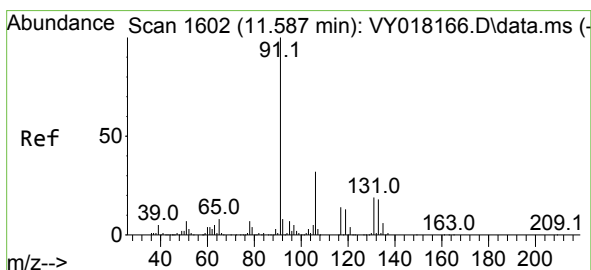
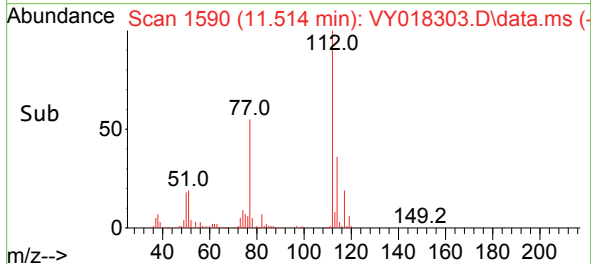
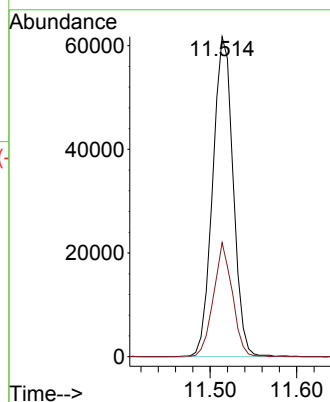
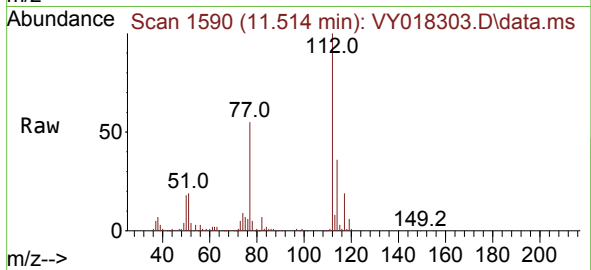




#65
Chlorobenzene
Concen: 19.357 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

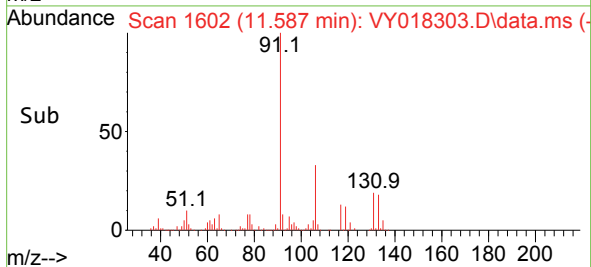
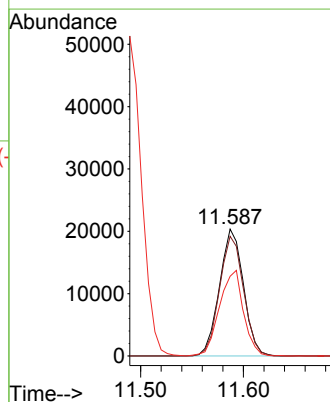
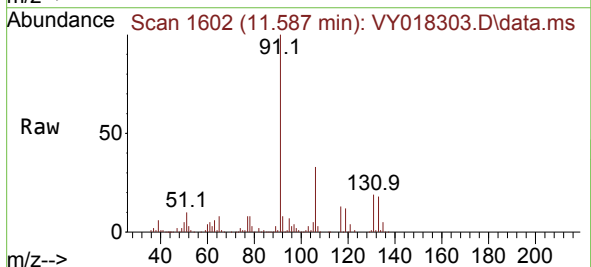
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

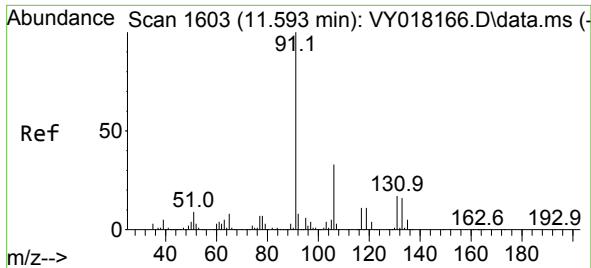
Tgt Ion:112 Resp: 101222
Ion Ratio Lower Upper
112 100
114 35.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.472 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:131 Resp: 32937
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 67.6 34.1 102.2

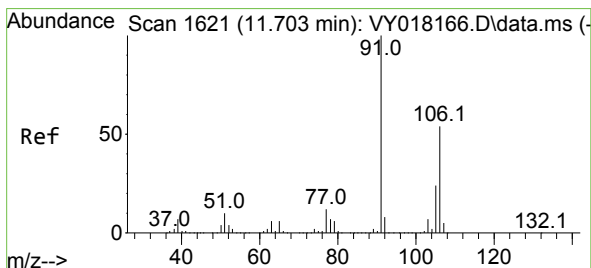
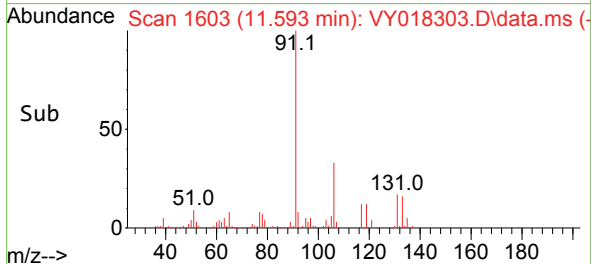
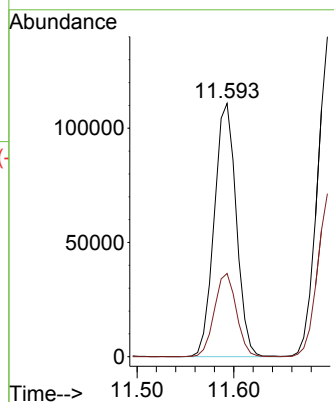
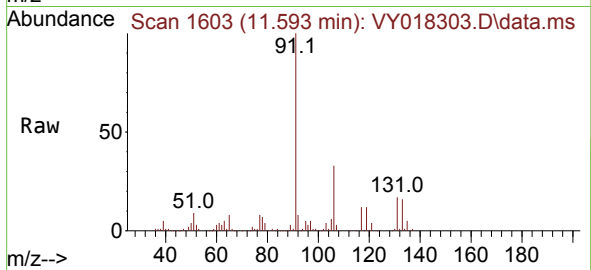




#67
Ethyl Benzene
Concen: 19.857 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

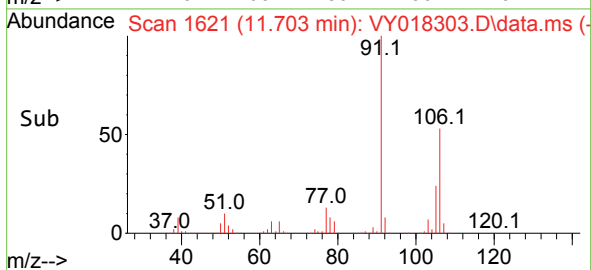
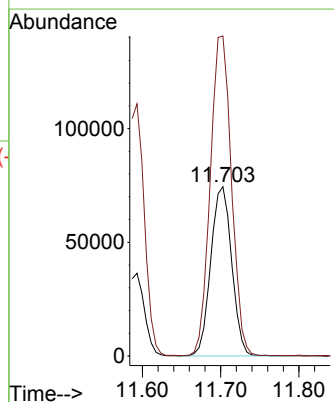
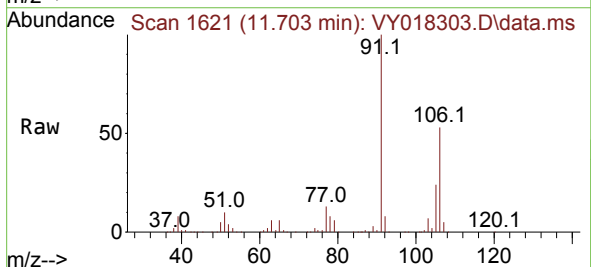
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

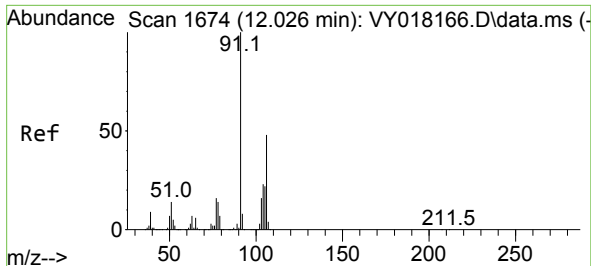
Tgt Ion: 91 Resp: 175321
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.583 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 106 Resp: 138208
Ion Ratio Lower Upper
106 100
91 191.2 156.0 234.0

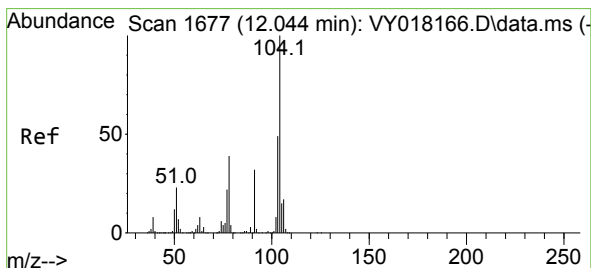
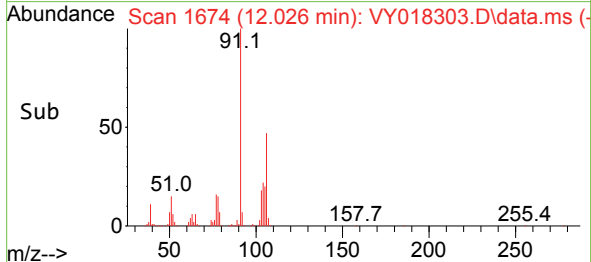
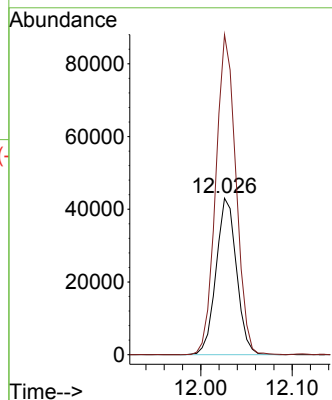
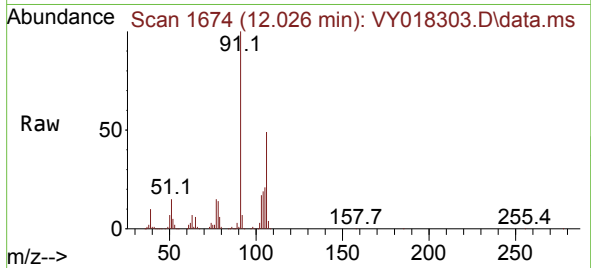




#69
o-Xylene
Concen: 19.973 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

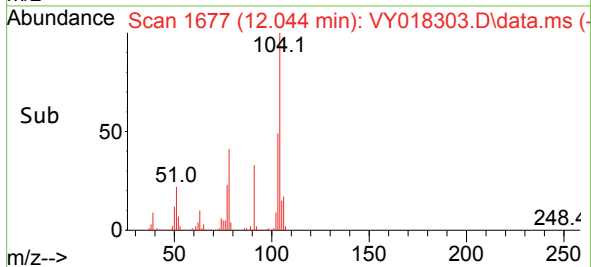
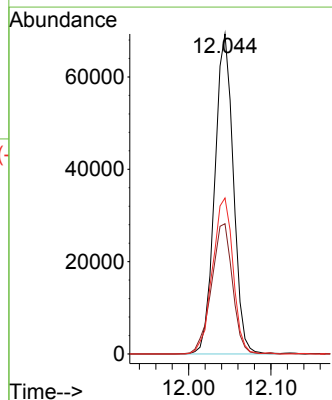
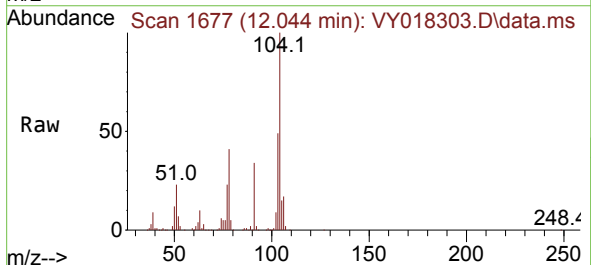
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

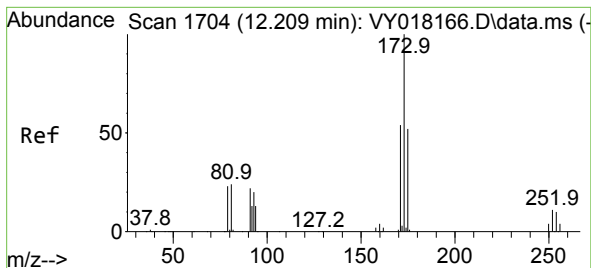
Tgt Ion:106 Resp: 66923
Ion Ratio Lower Upper
106 100
91 201.8 103.6 310.8



#70
Styrene
Concen: 19.502 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:104 Resp: 109128
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 18.882 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

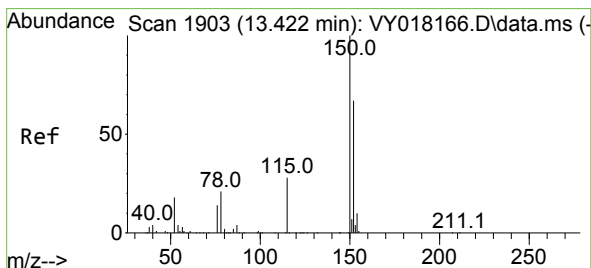
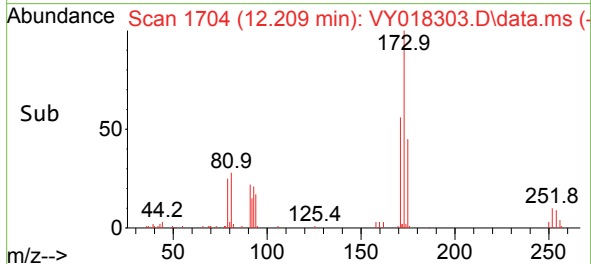
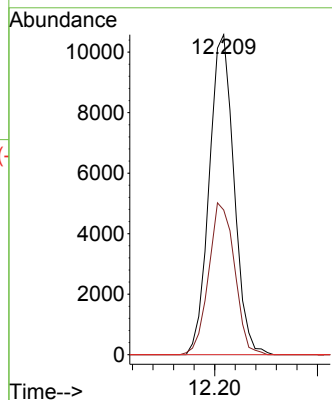
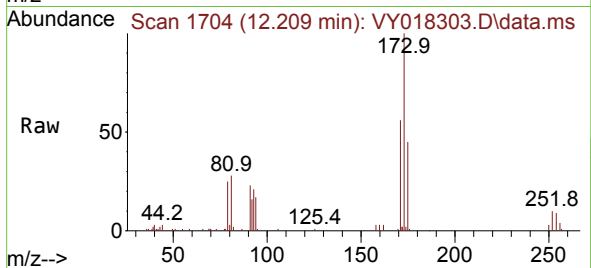
Tgt Ion:173 Resp: 17672

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

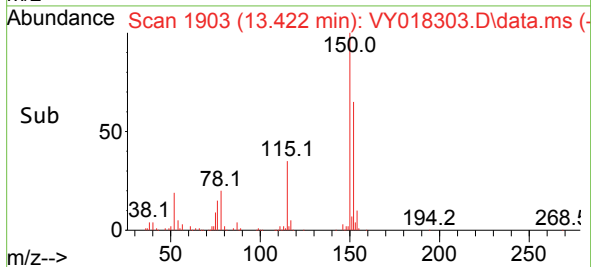
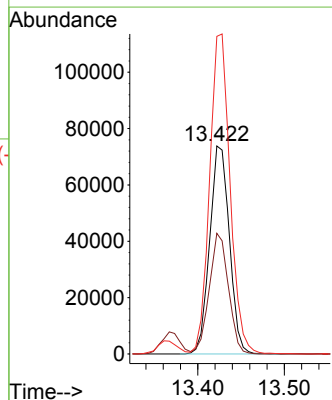
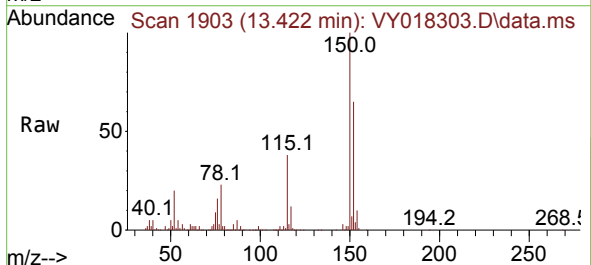
Tgt Ion:152 Resp: 116636

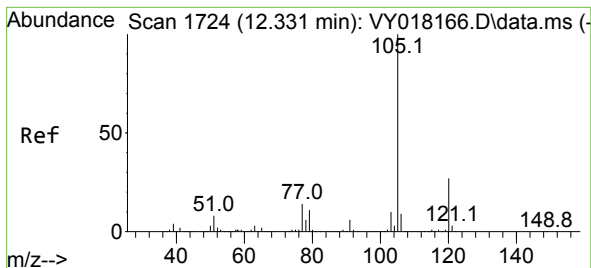
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 159.7 0.0 345.6





#73

Isopropylbenzene

Concen: 19.408 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

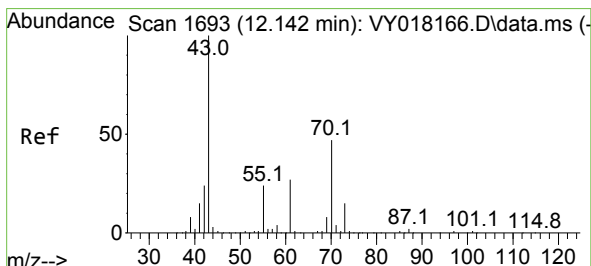
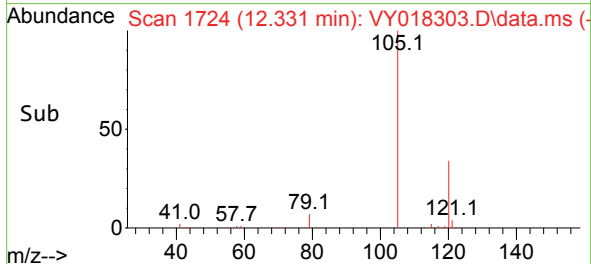
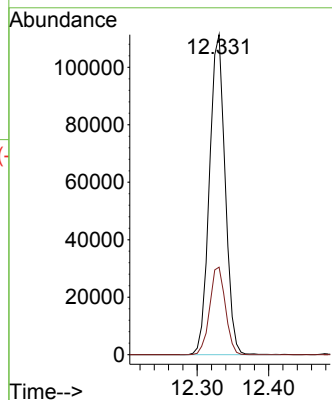
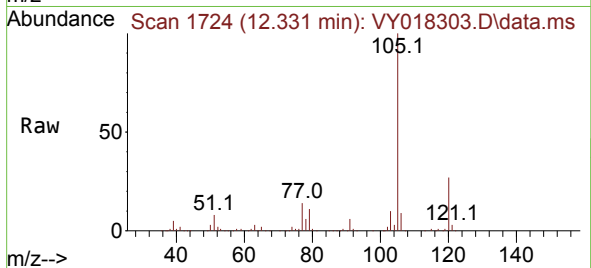
VY0517SBSD01

Tgt Ion:105 Resp: 169721

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 20.928 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Tgt Ion: 43 Resp: 37992

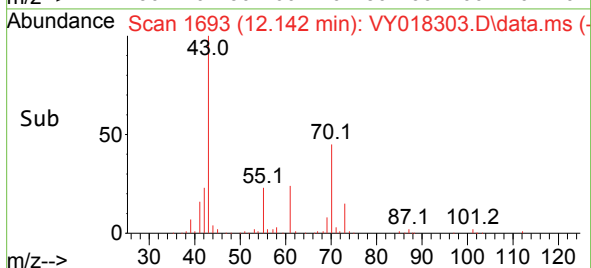
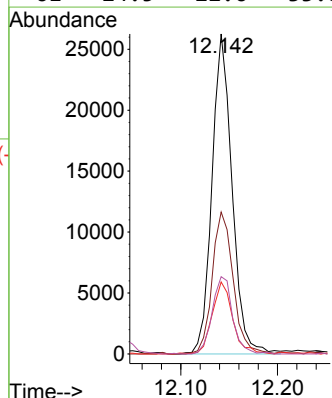
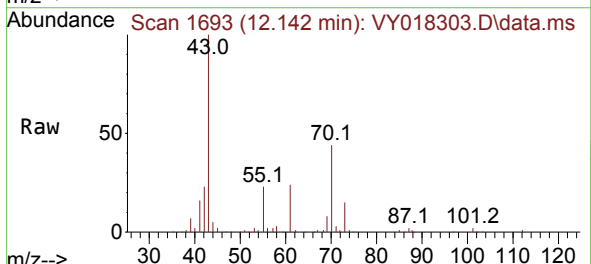
Ion Ratio Lower Upper

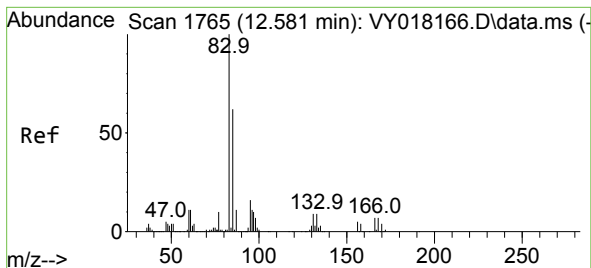
43 100

70 46.1 41.4 62.2

55 22.9 23.3 34.9#

61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.730 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

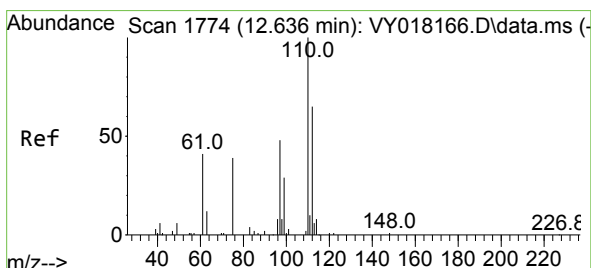
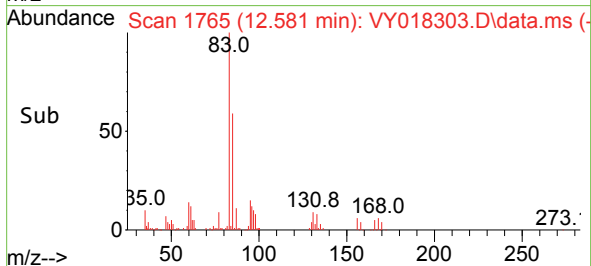
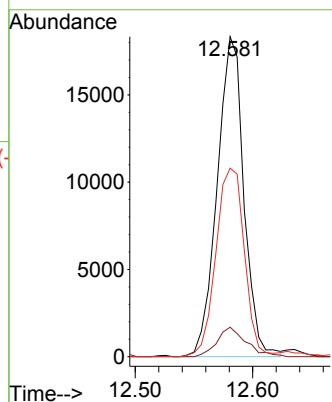
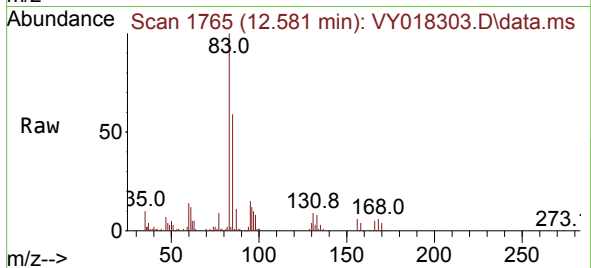
Tgt Ion: 83 Resp: 28918

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.049 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018303.D

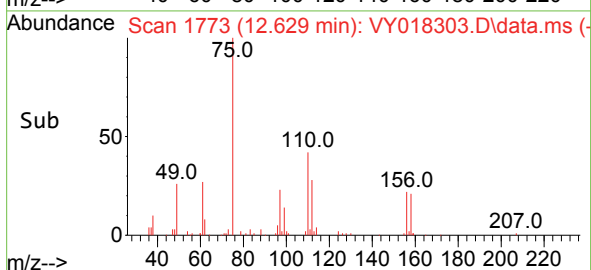
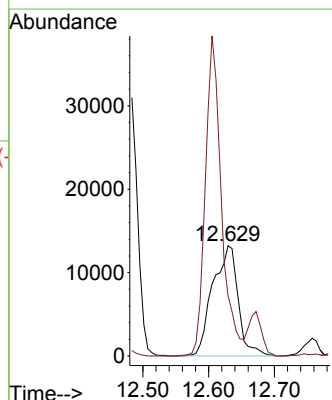
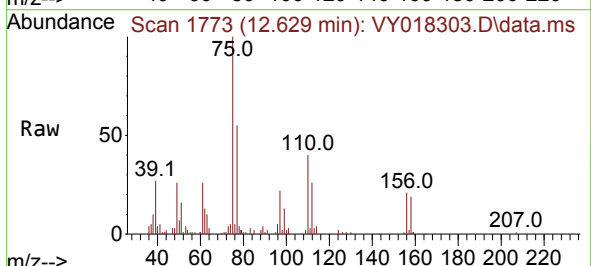
Acq: 17 May 2024 13:11

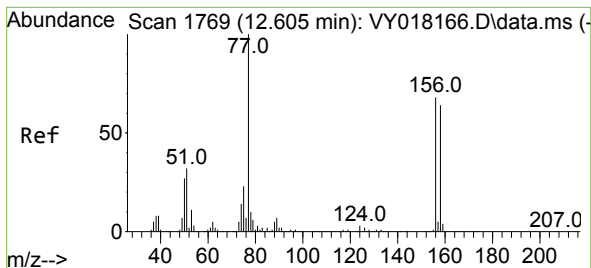
Tgt Ion: 75 Resp: 35522

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.365 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

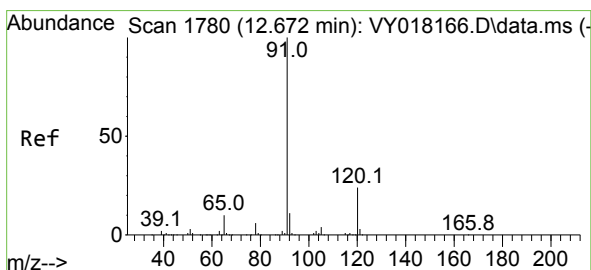
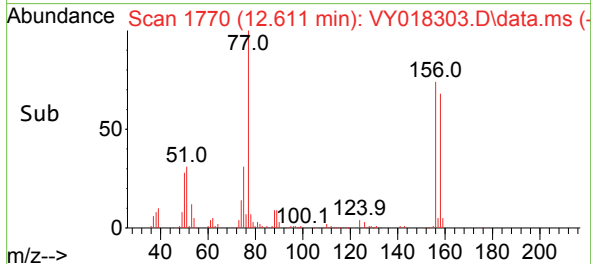
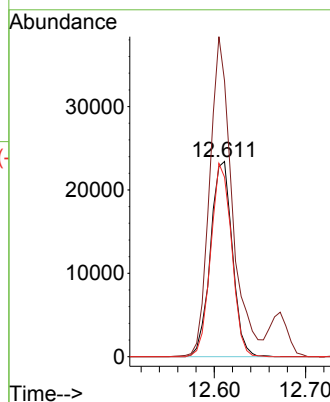
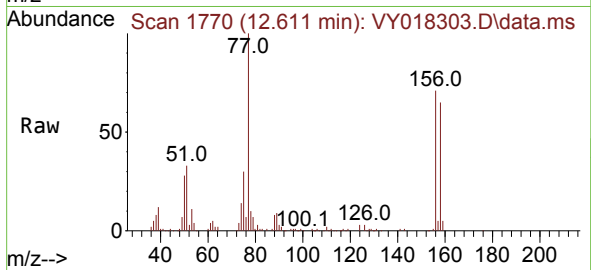
Tgt Ion:156 Resp: 38903

Ion Ratio Lower Upper

156 100

77 169.1 87.1 261.3

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.040 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY018303.D

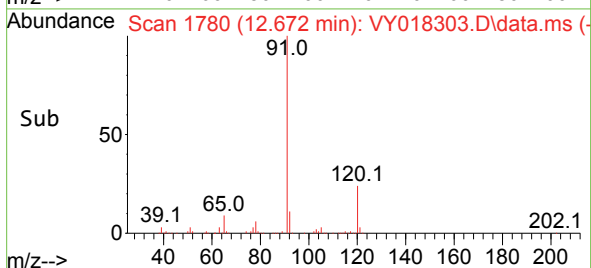
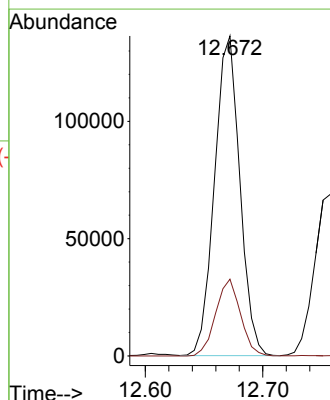
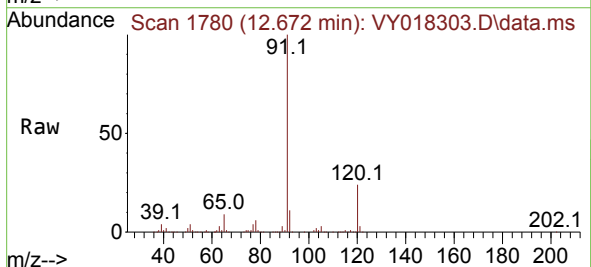
Acq: 17 May 2024 13:11

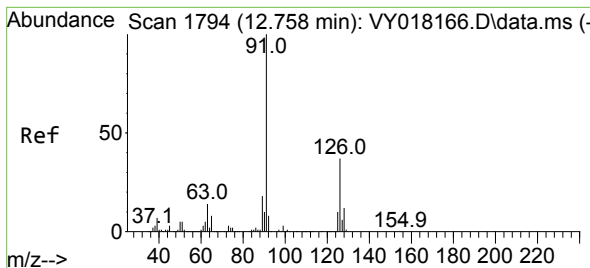
Tgt Ion: 91 Resp: 203837

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

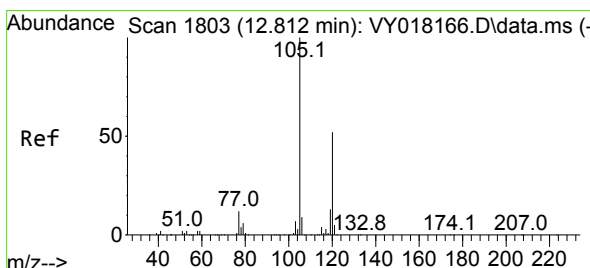
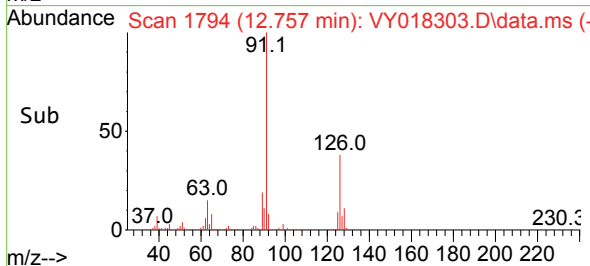
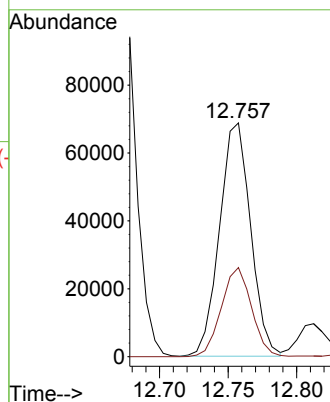
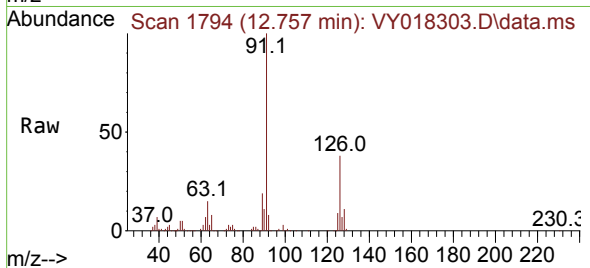




#79
2-Chlorotoluene
Concen: 19.226 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

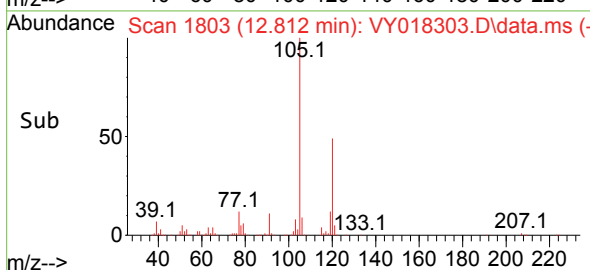
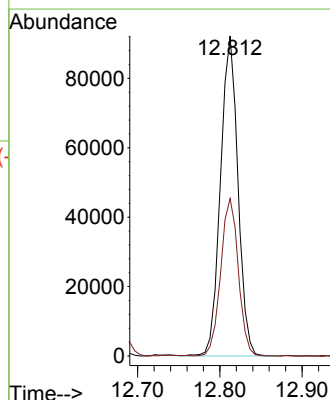
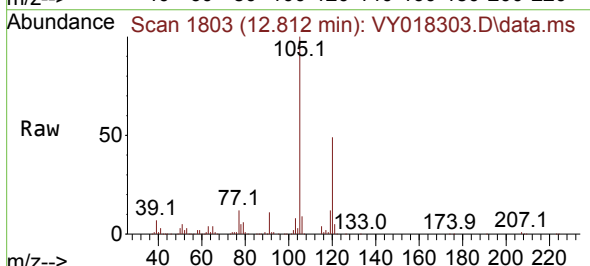
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

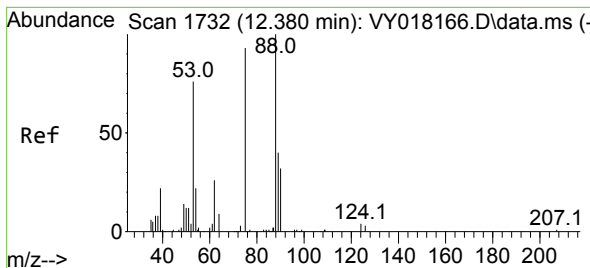
Tgt Ion: 91 Resp: 108673
Ion Ratio Lower Upper
91 100
126 37.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.679 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:105 Resp: 135696
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

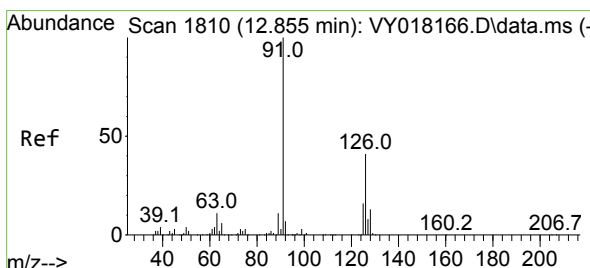
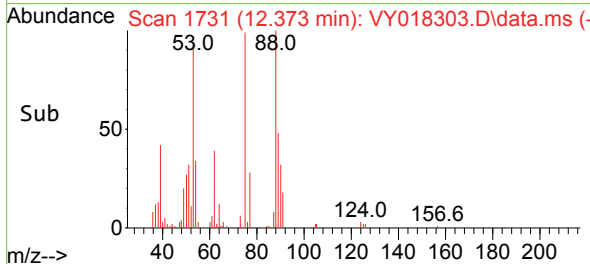
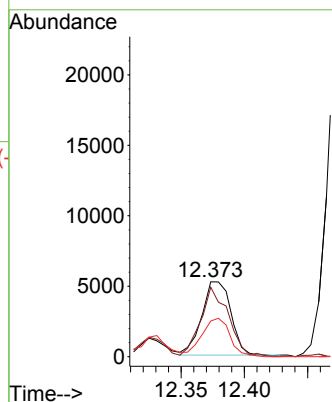
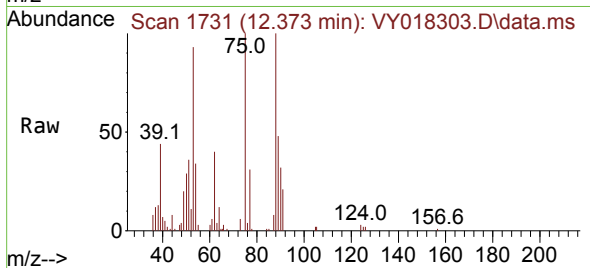




#81
trans-1,4-Dichloro-2-butene
Concen: 17.067 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

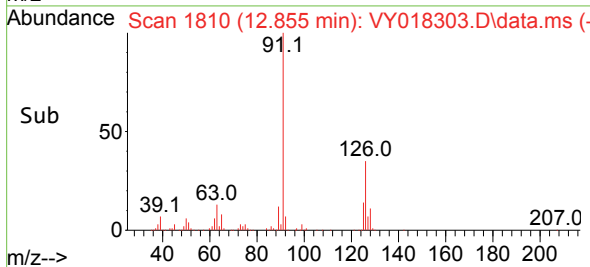
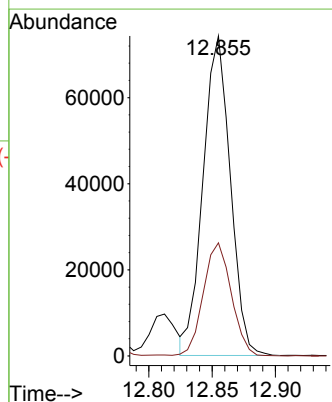
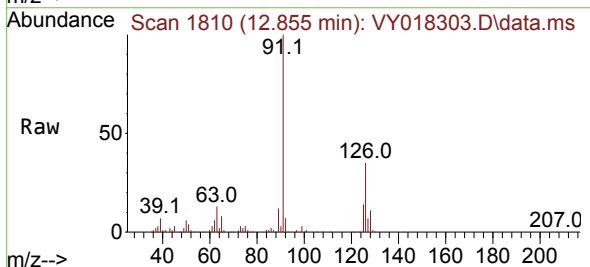
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

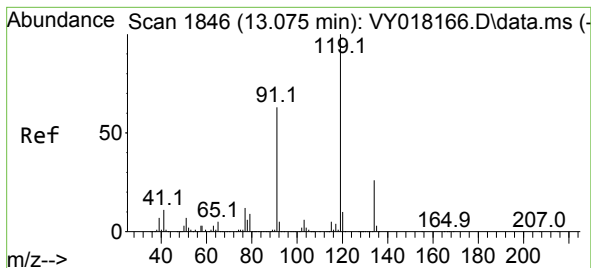
Tgt Ion: 75 Resp: 8270
Ion Ratio Lower Upper
75 100
53 91.2 66.8 100.2
89 51.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.616 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion: 91 Resp: 111369
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.590 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

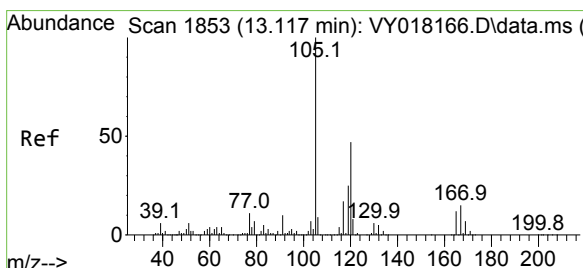
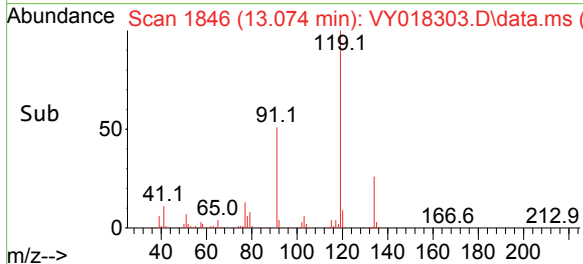
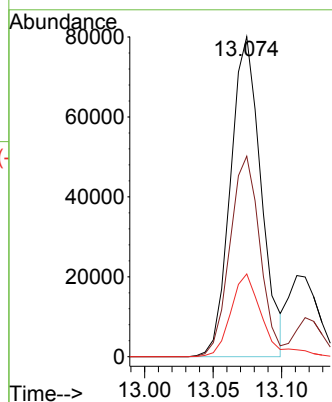
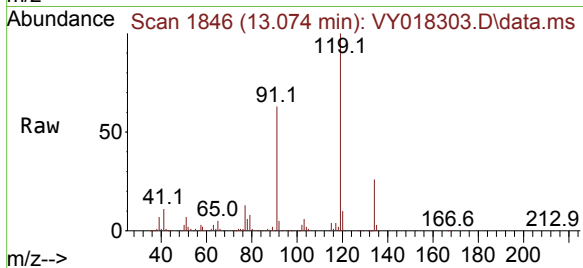
Tgt Ion:119 Resp: 124597

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.568 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018303.D

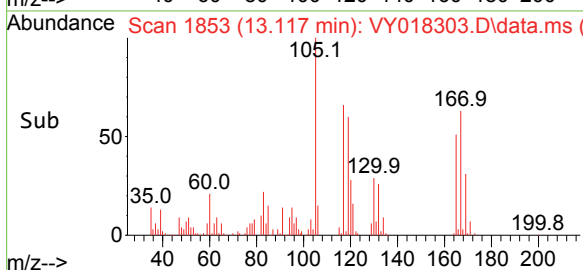
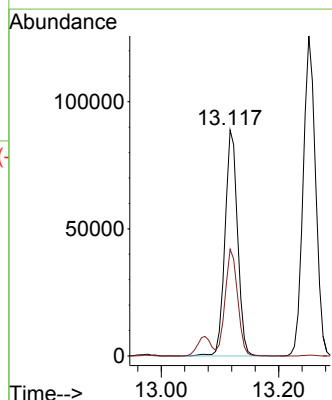
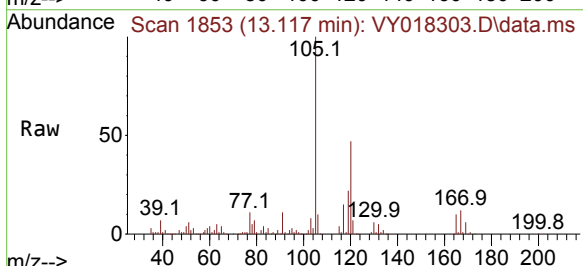
Acq: 17 May 2024 13:11

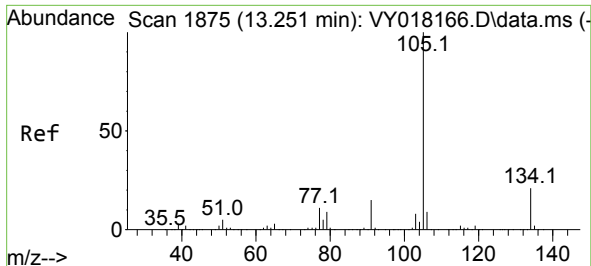
Tgt Ion:105 Resp: 132175

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6

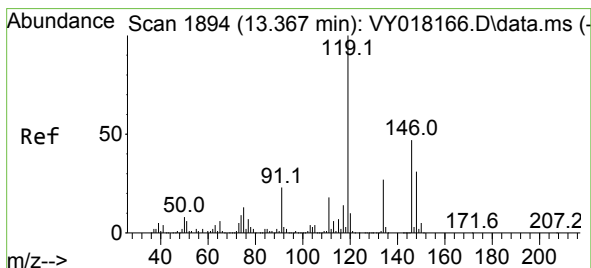
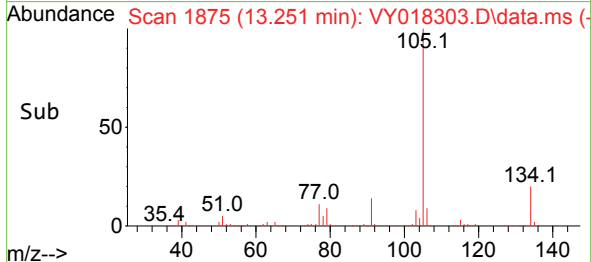
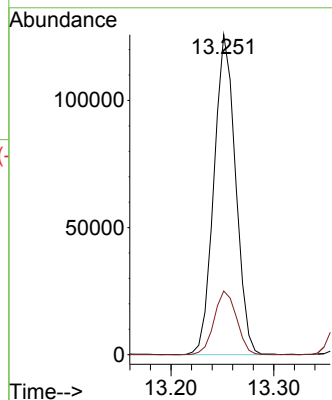
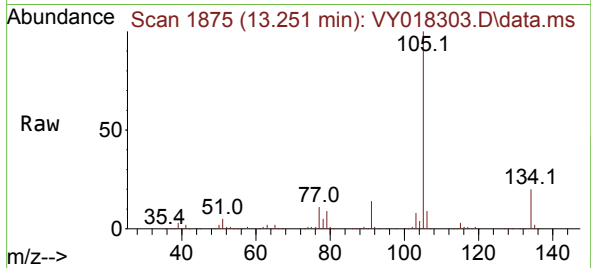




#85
 sec-Butylbenzene
 Concen: 19.737 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

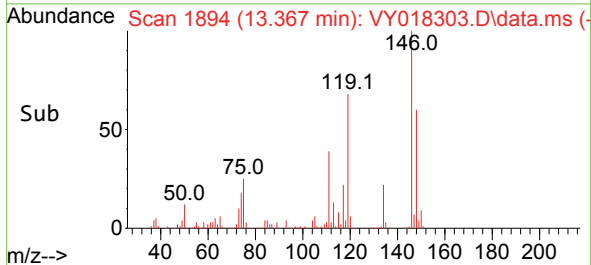
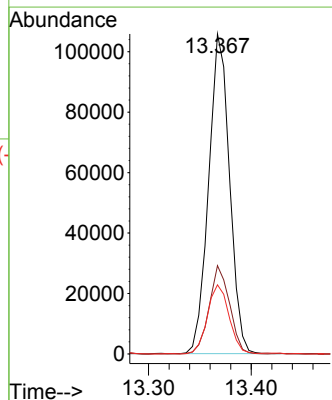
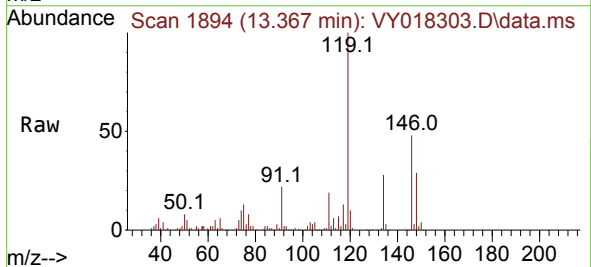
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBSD01

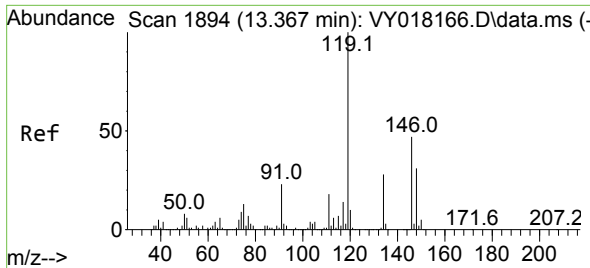
Tgt Ion:105 Resp: 184143
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.468 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY018303.D
 Acq: 17 May 2024 13:11

Tgt Ion:119 Resp: 149420
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.5 10.7 32.1

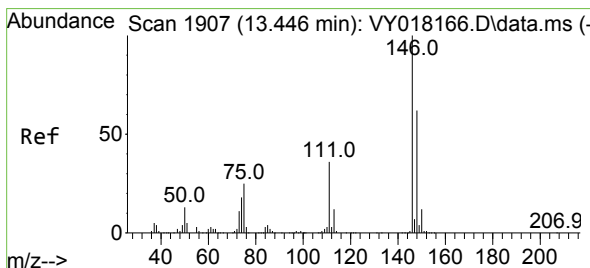
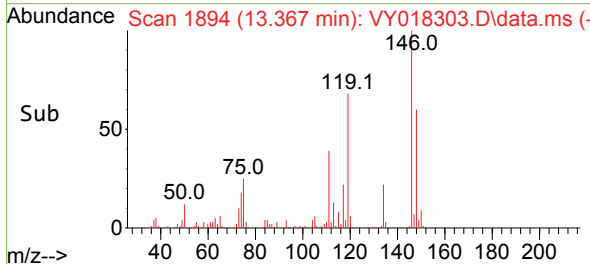
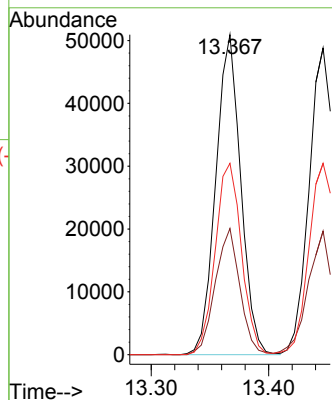
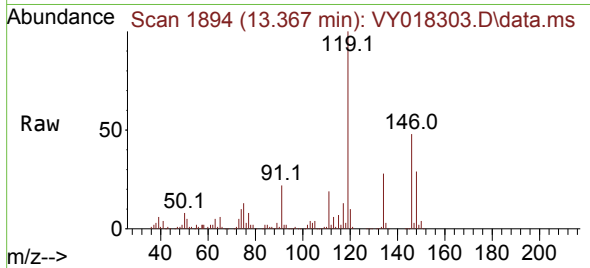




#87
1,3-Dichlorobenzene
Concen: 19.430 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

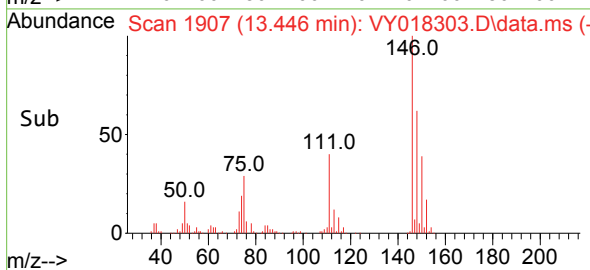
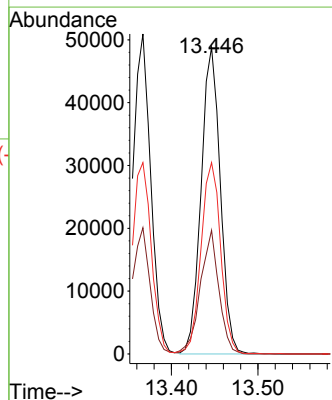
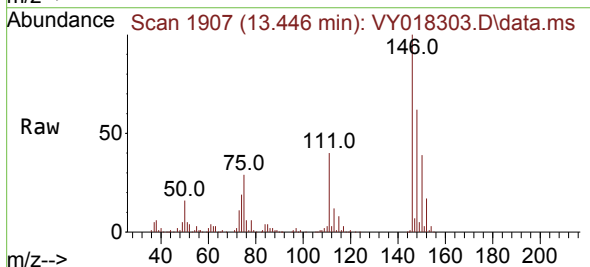
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

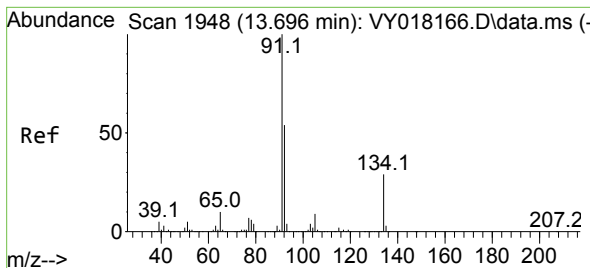
Tgt Ion:146 Resp: 75384
Ion Ratio Lower Upper
146 100
111 39.0 19.0 57.0
148 62.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.892 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:146 Resp: 75236
Ion Ratio Lower Upper
146 100
111 39.1 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 19.991 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

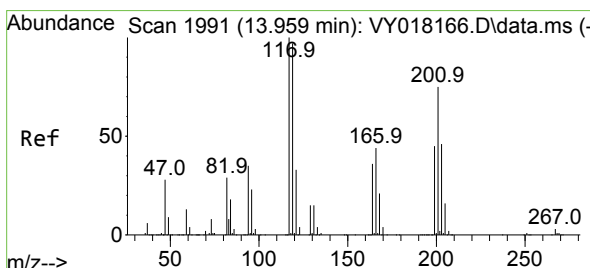
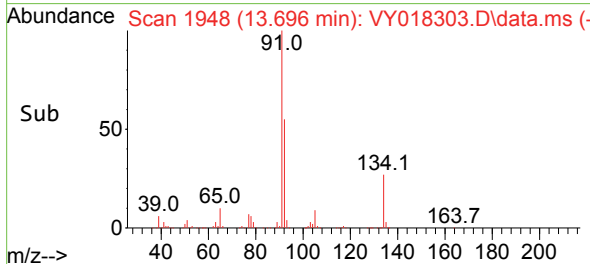
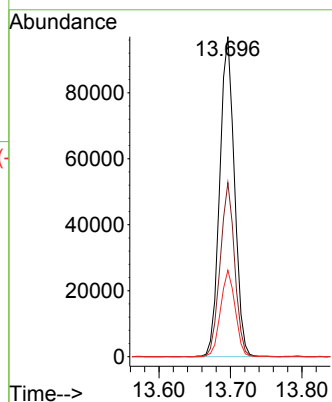
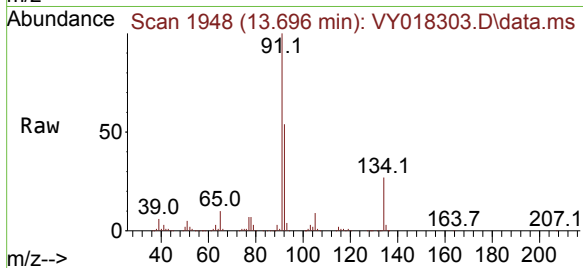
Tgt Ion: 91 Resp: 138855

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 17.572 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018303.D

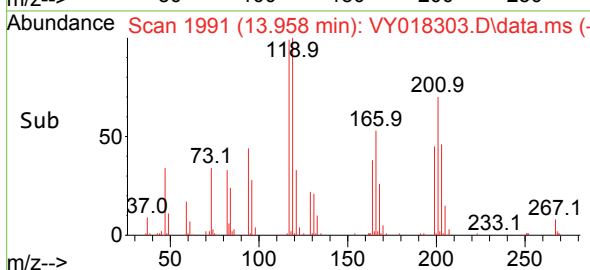
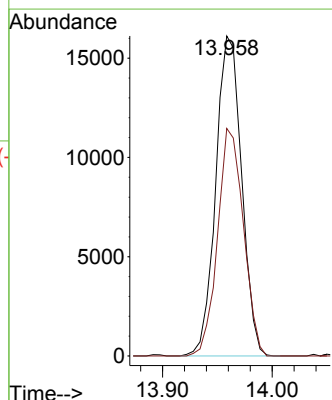
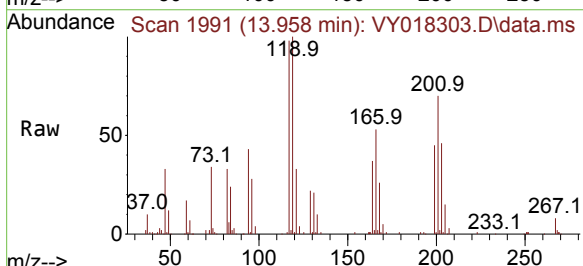
Acq: 17 May 2024 13:11

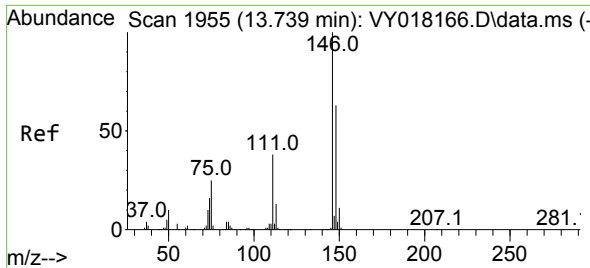
Tgt Ion: 117 Resp: 26459

Ion Ratio Lower Upper

117 100

201 71.0 37.4 112.2

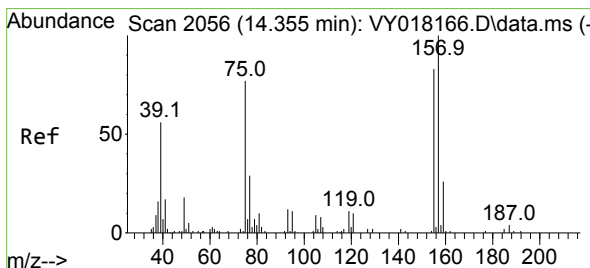
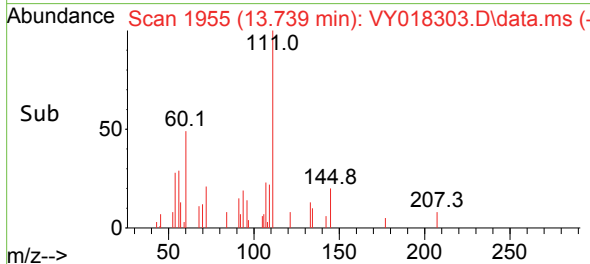
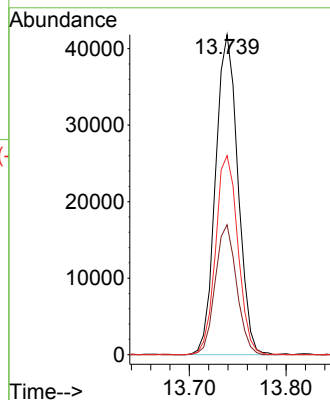
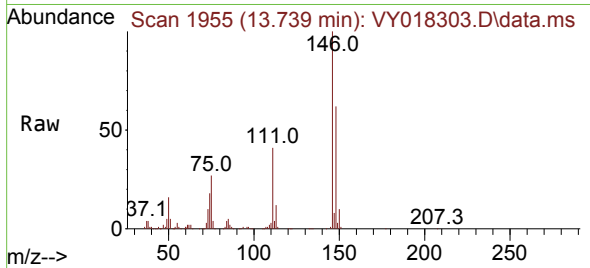




#91
1,2-Dichlorobenzene
Concen: 20.148 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

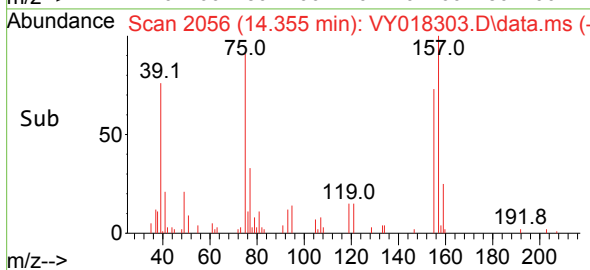
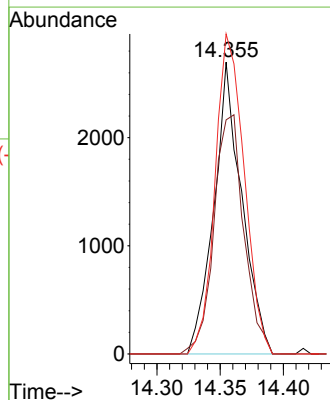
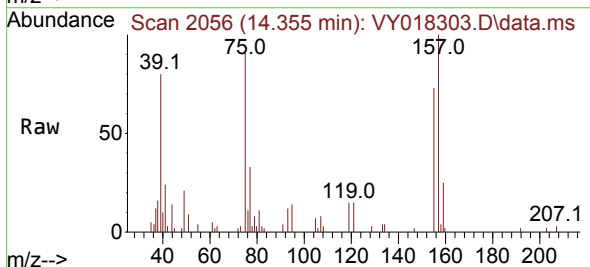
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBSD01

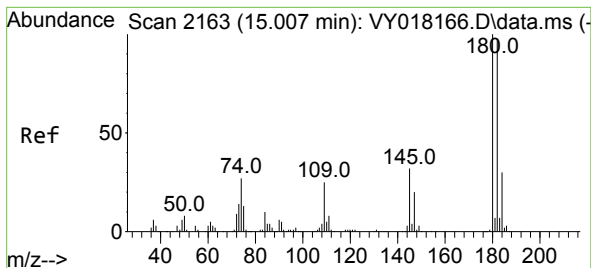
Tgt Ion:	146	Resp:	67187
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	62.1	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.769 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018303.D
Acq: 17 May 2024 13:11

Tgt Ion:	75	Resp:	4135
Ion	Ratio	Lower	Upper
75	100		
155	87.9	48.6	145.8
157	114.5	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.503 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBS01

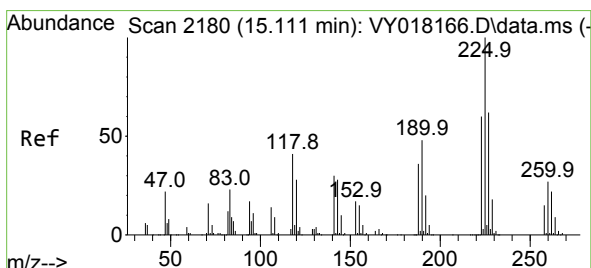
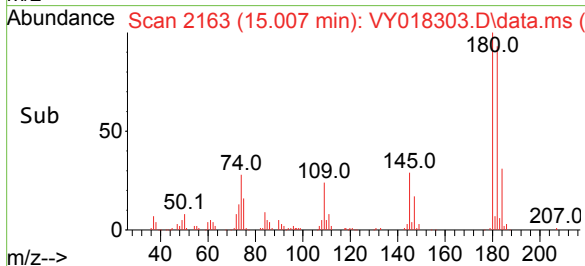
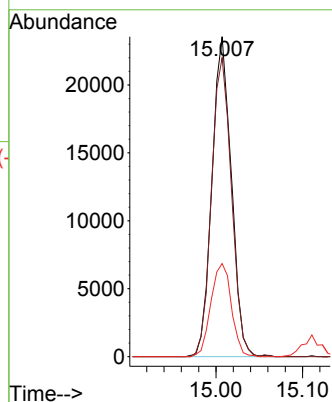
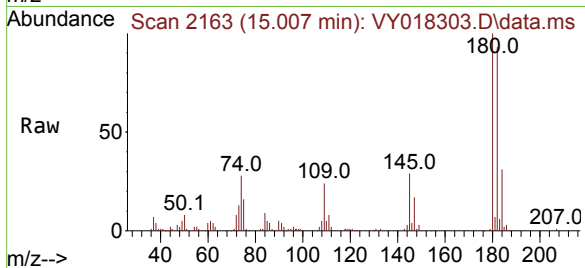
Tgt Ion:180 Resp: 36563

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.735 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

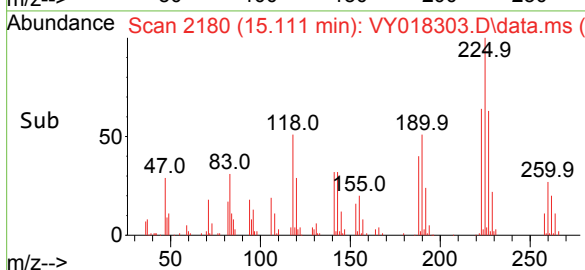
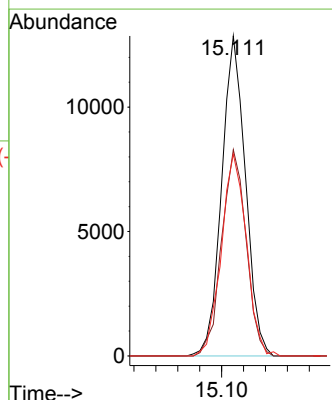
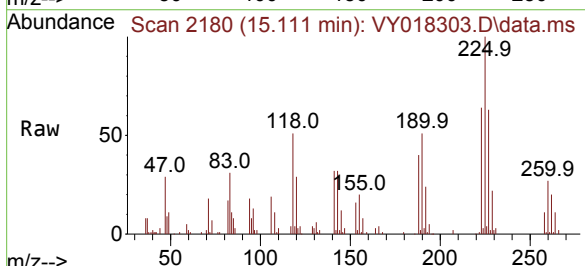
Tgt Ion:225 Resp: 19379

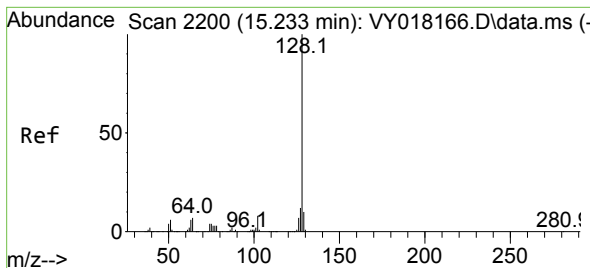
Ion Ratio Lower Upper

225 100

223 66.2 30.4 91.2

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 19.916 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBSD01

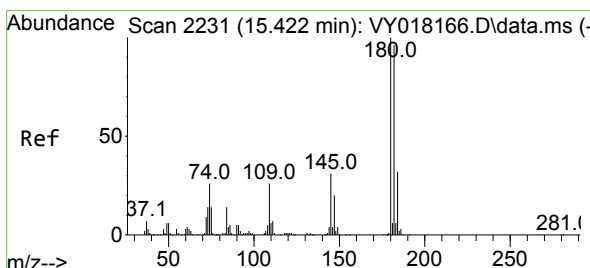
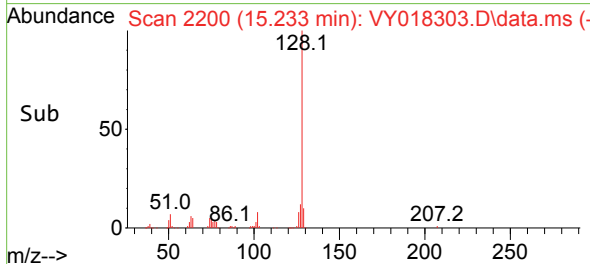
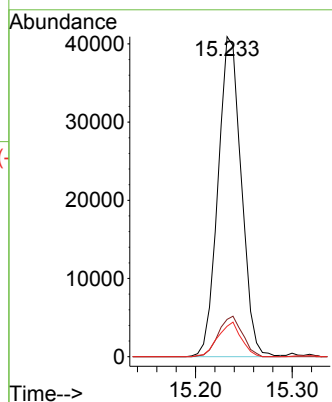
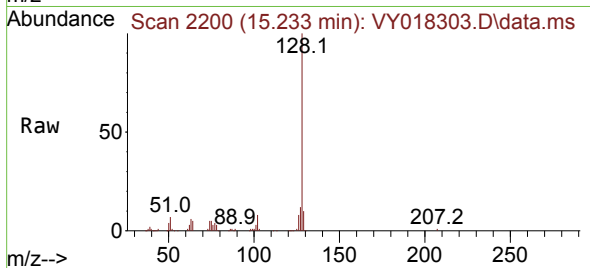
Tgt Ion:128 Resp: 68415

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.077 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018303.D

Acq: 17 May 2024 13:11

Tgt Ion:180 Resp: 30889

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 33.6 15.4 46.1

