

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018639.D
 Acq On : 19 Jun 2024 12:21
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Quant Time: Jun 20 02:09:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	134439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	220656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	199234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	68885	50.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.780%			
35) Dibromofluoromethane	7.704	113	72520	53.877	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.760%			
50) Toluene-d8	10.173	98	285221	55.100	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.477	95	87712	53.661	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17892	20.207	ug/l	96
3) Chloromethane	2.101	50	32774	17.972	ug/l	98
4) Vinyl Chloride	2.235	62	41256	18.268	ug/l	99
5) Bromomethane	2.625	94	31890	18.998	ug/l	92
6) Chloroethane	2.772	64	26874	18.165	ug/l	98
7) Trichlorofluoromethane	3.095	101	55147	22.676	ug/l	95
8) Diethyl Ether	3.509	74	14415	20.788	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.869	101	28041	22.068	ug/l	97
10) Methyl Iodide	4.070	142	24137	16.186	ug/l	98
11) Tert butyl alcohol	4.942	59	11084	45.526	ug/l #	84
12) 1,1-Dichloroethene	3.845	96	24560	19.233	ug/l	93
13) Acrolein	3.704	56	6208	79.313	ug/l	96
14) Allyl chloride	4.454	41	33480	19.448	ug/l	95
15) Acrylonitrile	5.149	53	32678	105.933	ug/l	98
16) Acetone	3.936	43	26058	94.627	ug/l	93
17) Carbon Disulfide	4.168	76	49943	14.542	ug/l	100
18) Methyl Acetate	4.454	43	13616	19.494	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	68848	20.212	ug/l	99
20) Methylene Chloride	4.692	84	42336	19.476	ug/l	95
21) trans-1,2-Dichloroethene	5.192	96	25910	17.824	ug/l	96
22) Diisopropyl ether	6.100	45	81519	20.975	ug/l	95
23) Vinyl Acetate	6.039	43	248270	80.982	ug/l	96
24) 1,1-Dichloroethane	5.997	63	50308	20.093	ug/l	99
25) 2-Butanone	6.966	43	42054	101.881	ug/l	92
26) 2,2-Dichloropropane	6.966	77	39350	18.654	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	34951	19.906	ug/l	97
28) Bromochloromethane	7.313	49	20362	19.841	ug/l	93
29) Tetrahydrofuran	7.338	42	26988	106.540	ug/l	95
30) Chloroform	7.490	83	55223	20.238	ug/l	99
31) Cyclohexane	7.771	56	39469	19.036	ug/l #	88
32) 1,1,1-Trichloroethane	7.691	97	46746	20.165	ug/l	98
36) 1,1-Dichloropropene	7.905	75	37045	19.994	ug/l	99
37) Ethyl Acetate	7.070	43	18342	21.001	ug/l	99
38) Carbon Tetrachloride	7.893	117	40646	20.911	ug/l	96
39) Methylcyclohexane	9.173	83	45065	19.851	ug/l	96
40) Benzene	8.149	78	115550	20.166	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10841m	24.679	ug/l	
42) 1,2-Dichloroethane	8.228	62	30389	20.329	ug/l	96
43) Isopropyl Acetate	8.264	43	35849	21.991	ug/l #	82
44) Trichloroethene	8.929	130	30743	20.493	ug/l	95
45) 1,2-Dichloropropane	9.209	63	27659	21.110	ug/l	96
46) Dibromomethane	9.295	93	16655	20.486	ug/l	96
47) Bromodichloromethane	9.490	83	40334	20.787	ug/l	94
48) Methyl methacrylate	9.283	41	15329	20.887	ug/l	94
49) 1,4-Dioxane	9.289	88	4046	378.411	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	95311	110.997	ug/l	97
52) Toluene	10.240	92	75446	20.508	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	35715	21.063	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	42202	20.624	ug/l	99
55) 1,1,2-Trichloroethane	10.636	97	23969	22.166	ug/l	98
56) Ethyl methacrylate	10.502	69	30824	21.784	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	38127	21.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	78203	114.484	ug/l	98
59) 2-Hexanone	10.825	43	68693	114.208	ug/l	97
60) Dibromochloromethane	10.977	129	28720	21.381	ug/l	99
61) 1,2-Dibromoethane	11.081	107	21271	21.285	ug/l	98
64) Tetrachloroethene	10.715	164	30390	21.386	ug/l	96
65) Chlorobenzene	11.508	112	86326	20.975	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.581	131	29248	21.206	ug/l	96
67) Ethyl Benzene	11.587	91	145596	20.388	ug/l	100
68) m/p-Xylenes	11.697	106	115087	41.416	ug/l	98
69) o-Xylene	12.026	106	54569	20.421	ug/l	100
70) Styrene	12.038	104	92303	20.909	ug/l	99
71) Bromoform	12.203	173	15109	19.964	ug/l #	99
73) Isopropylbenzene	12.325	105	141521	21.032	ug/l	99
74) N-amyl acetate	12.136	43	30932	22.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	26448	22.136	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	16212m	18.755	ug/l	
77) Bromobenzene	12.599	156	33526	21.544	ug/l	97
78) n-propylbenzene	12.666	91	169463	21.519	ug/l	99
79) 2-Chlorotoluene	12.751	91	94355	21.226	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	112527	21.100	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	7124	21.588	ug/l	92
82) 4-Chlorotoluene	12.849	91	93773	20.948	ug/l	97
83) tert-Butylbenzene	13.068	119	104619	21.196	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	112477	21.102	ug/l	100
85) sec-Butylbenzene	13.245	105	156165	22.184	ug/l	100
86) p-Isopropyltoluene	13.361	119	129011	21.617	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	65903	20.997	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	66496	21.589	ug/l	98
89) n-Butylbenzene	13.690	91	120557	22.412	ug/l	99
90) Hexachloroethane	13.952	117	23070	21.279	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	58158	21.690	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3196	18.473	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	33113	22.167	ug/l	98
94) Hexachlorobutadiene	15.105	225	16598	21.625	ug/l	93
95) Naphthalene	15.227	128	62432	22.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	27256	21.595	ug/l	95

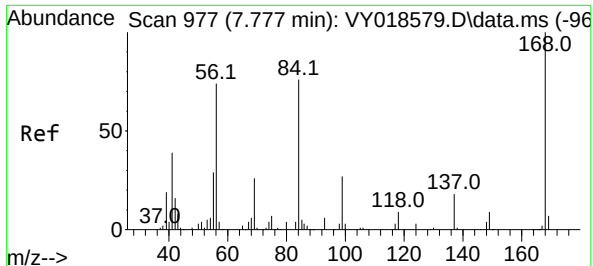
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
Data File : VY018639.D
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

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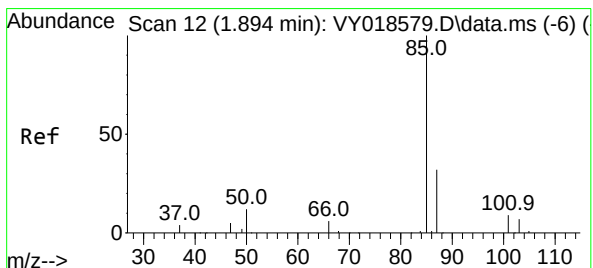
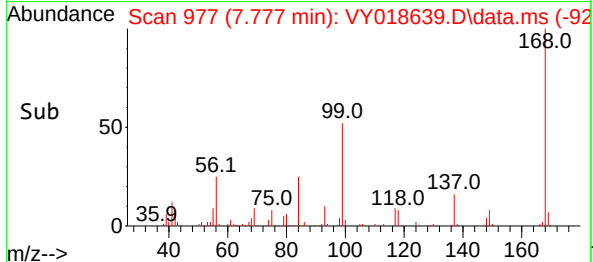
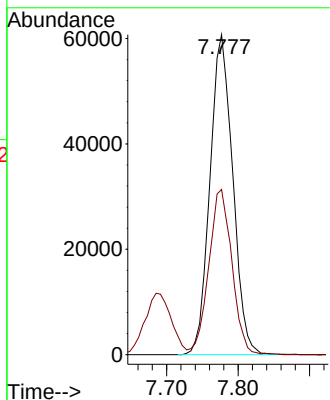
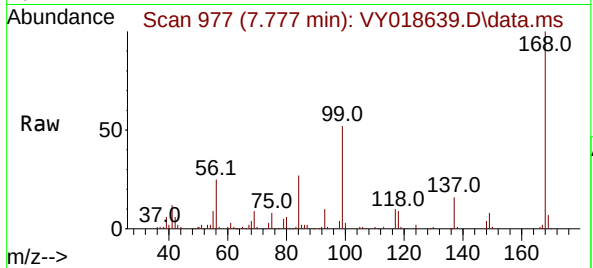
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018639.D
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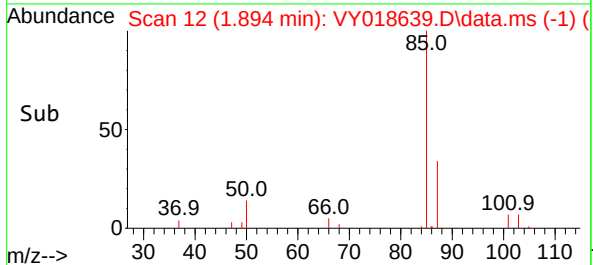
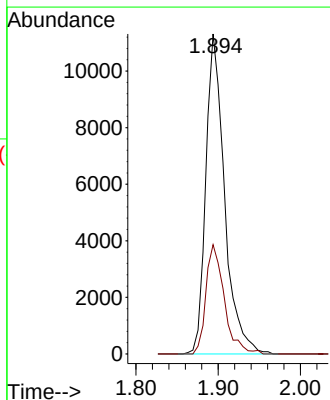
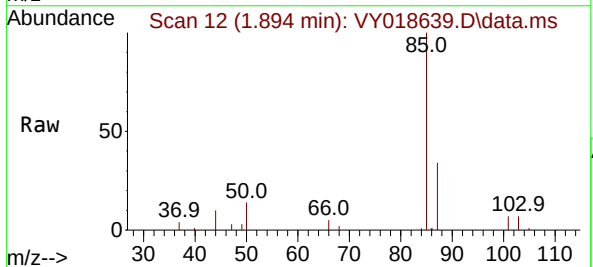
Instrument :
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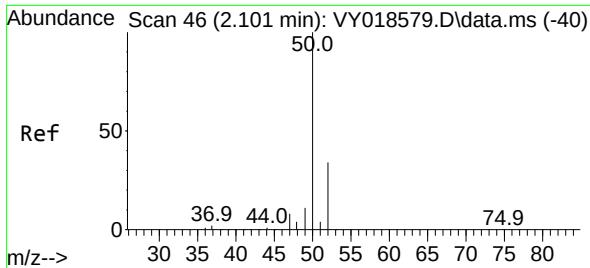
Tgt Ion:168 Resp: 134439
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.207 ug/l
RT: 1.894 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 85 Resp: 17892
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0

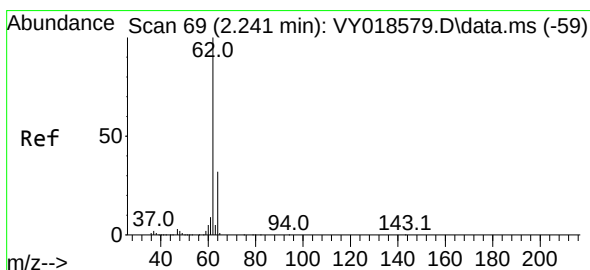
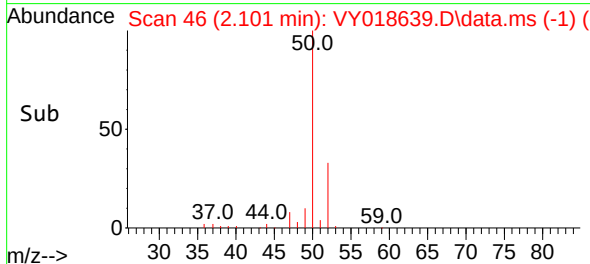
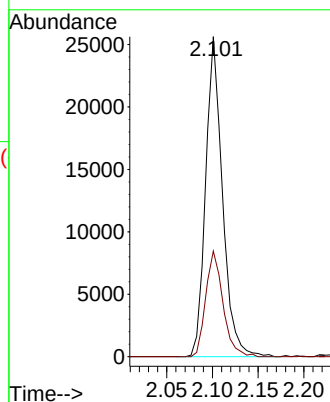
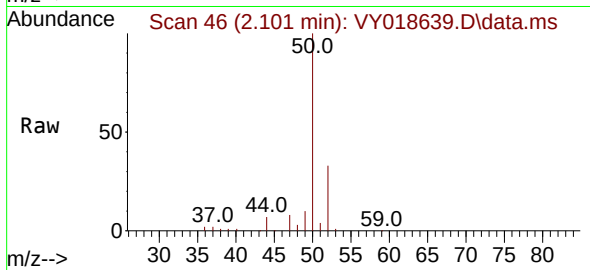




#3
Chloromethane
Concen: 17.972 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

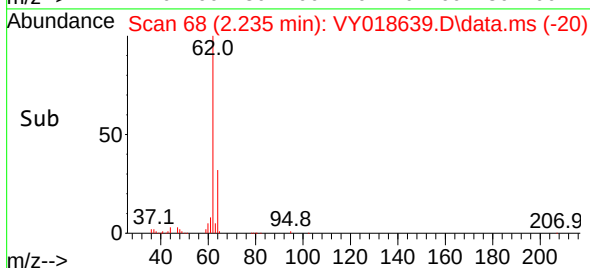
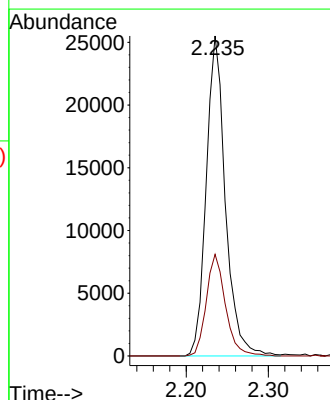
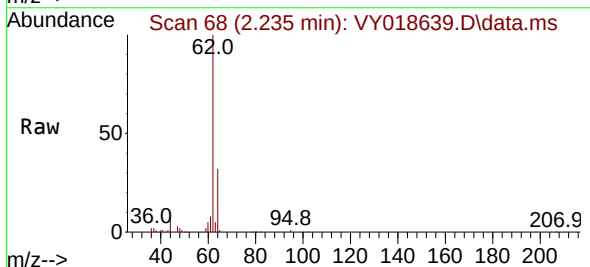
Instrument :
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ClientSampleId :
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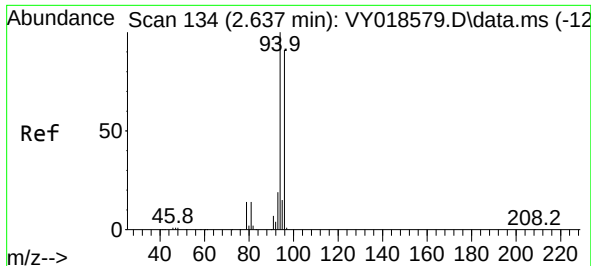
Tgt Ion: 50 Resp: 32774
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 18.268 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 62 Resp: 41256
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

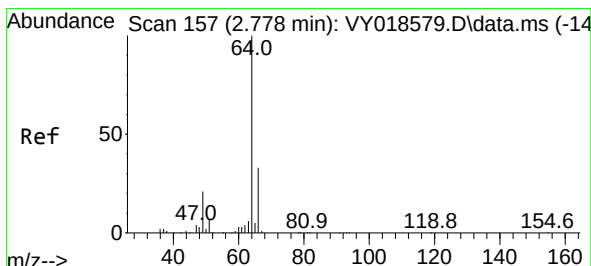
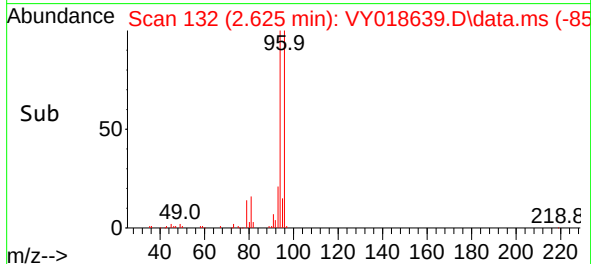
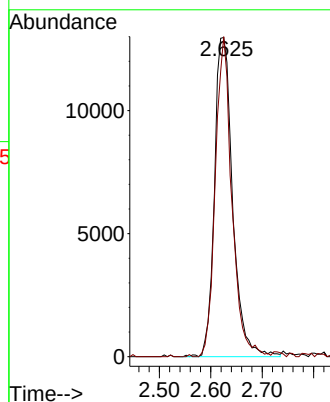
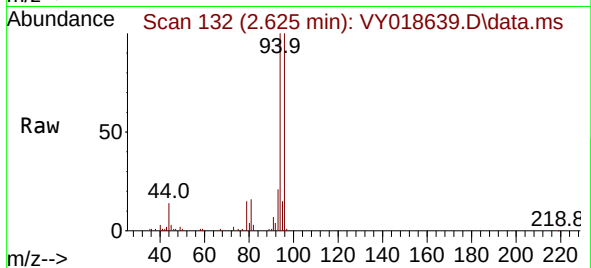




#5
Bromomethane
Concen: 18.998 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

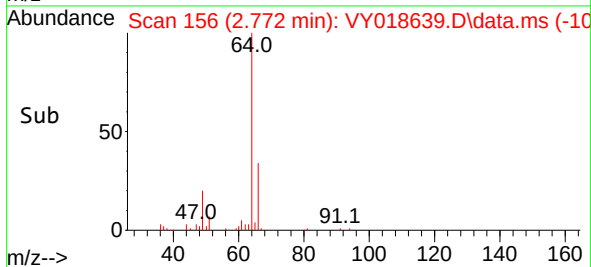
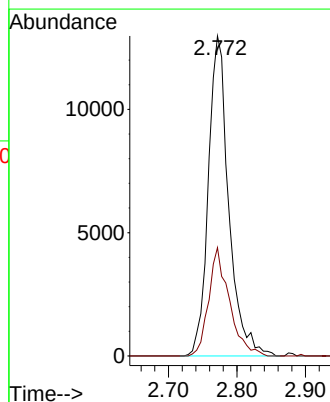
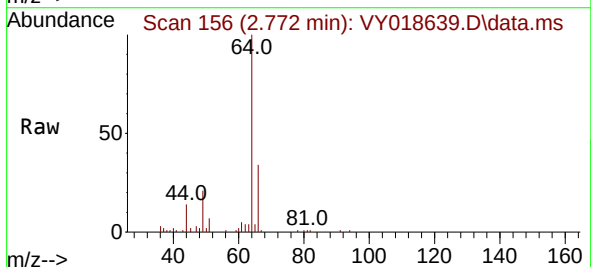
Instrument :
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ClientSampleId :
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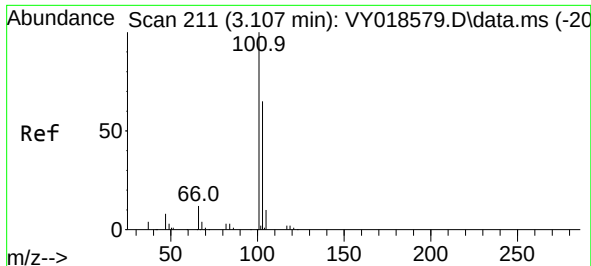
Tgt Ion: 94 Resp: 31890
Ion Ratio Lower Upper
94 100
96 100.2 74.1 111.1



#6
Chloroethane
Concen: 18.165 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

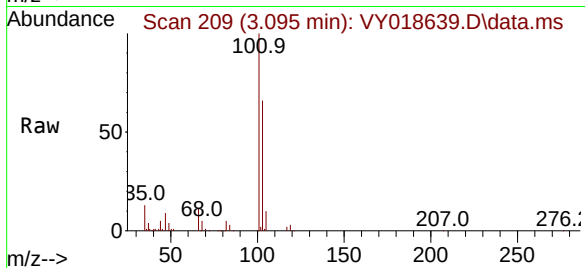
Tgt Ion: 64 Resp: 26874
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1



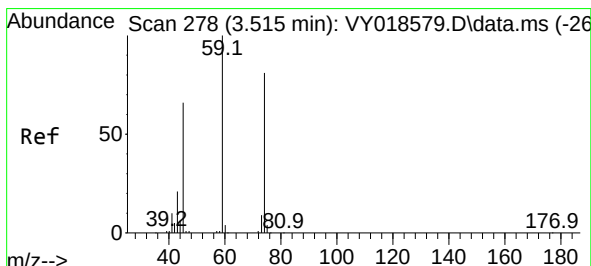
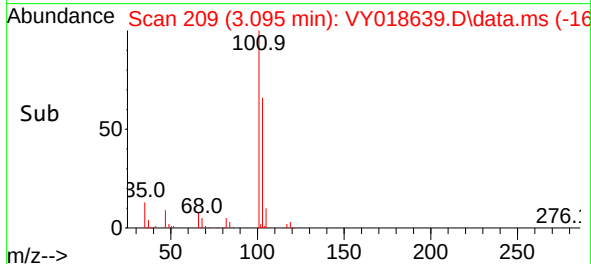
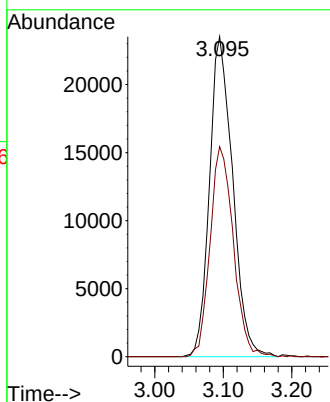


#7
Trichlorofluoromethane
Concen: 22.676 ug/l
RT: 3.095 min Scan# 209
Delta R.T. -0.012 min
Lab File: VY018639.D
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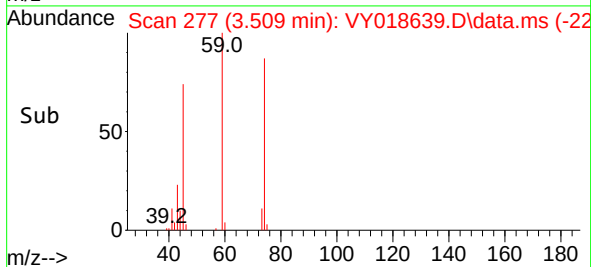
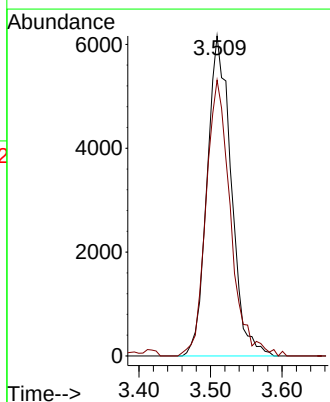
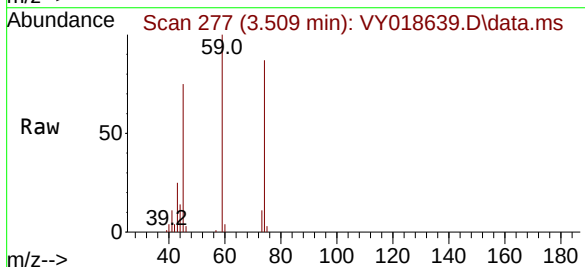


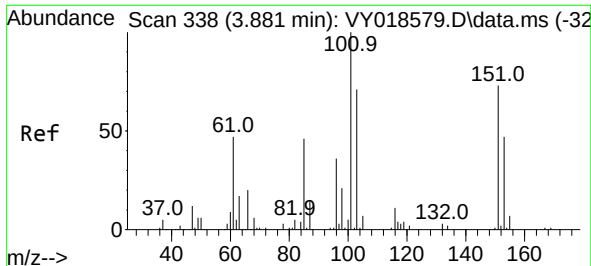
Tgt Ion:101 Resp: 55147
Ion Ratio Lower Upper
101 100
103 65.7 49.3 73.9



#8
Diethyl Ether
Concen: 20.788 ug/l
RT: 3.509 min Scan# 277
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 74 Resp: 14415
Ion Ratio Lower Upper
74 100
45 87.7 41.3 124.1

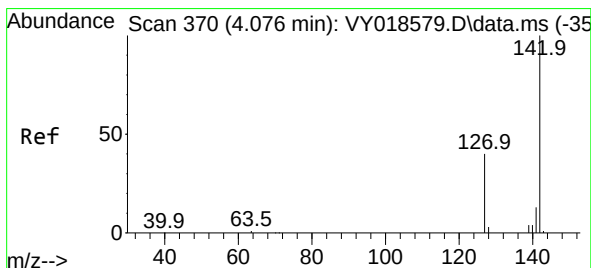
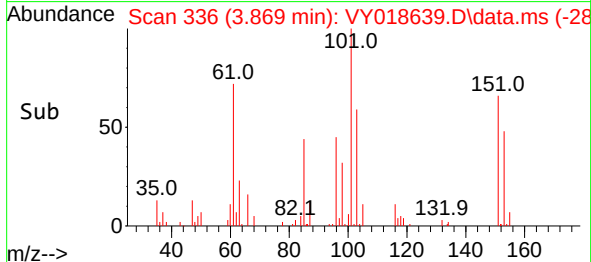
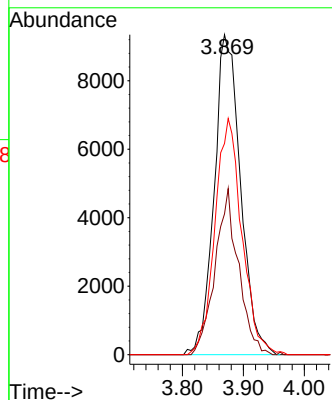
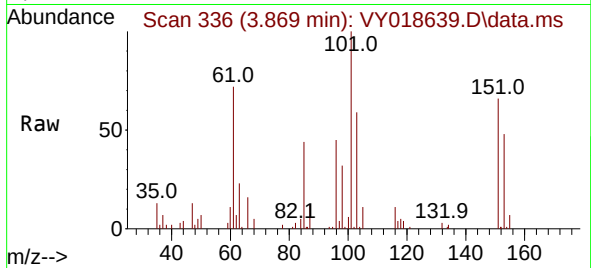




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.068 ug/l
RT: 3.869 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY018639.D
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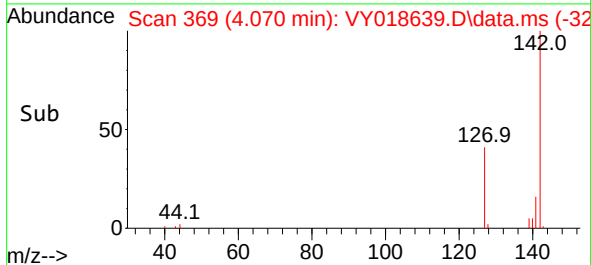
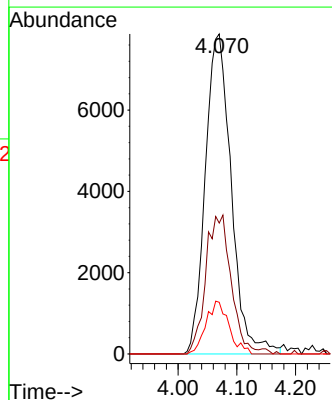
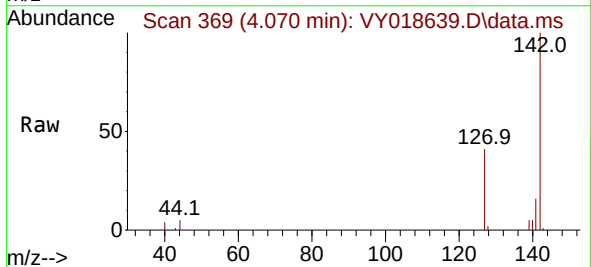
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

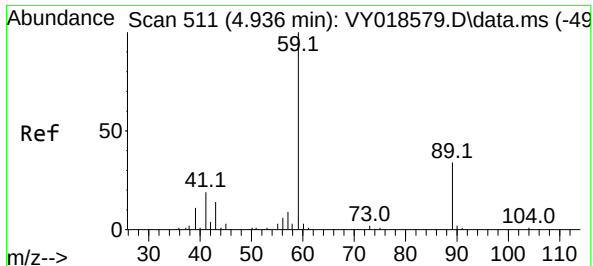
Tgt Ion:	101	Resp:	28041
Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.5	51.7
151	75.6	61.7	92.5



#10
Methyl Iodide
Concen: 16.186 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:	142	Resp:	24137
Ion	Ratio	Lower	Upper
142	100		
127	42.4	32.8	49.2
141	14.6	11.4	17.2

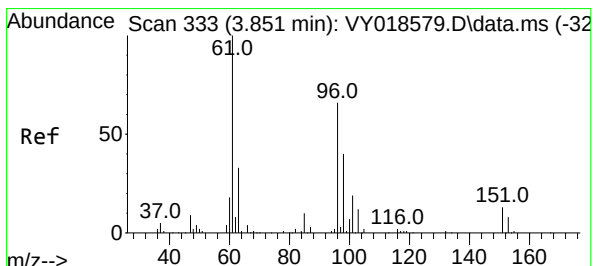
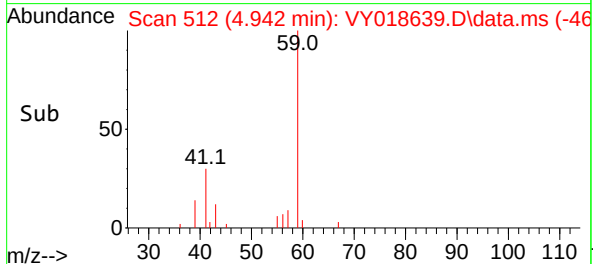
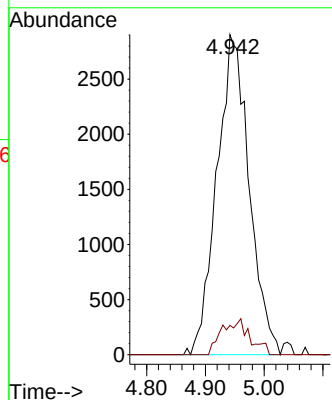
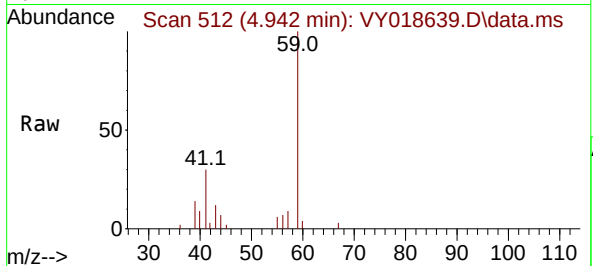




#11
Tert butyl alcohol
Concen: 45.526 ug/l
RT: 4.942 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

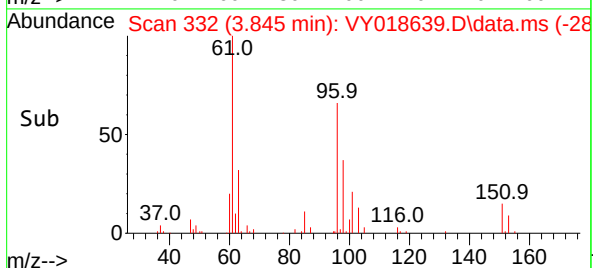
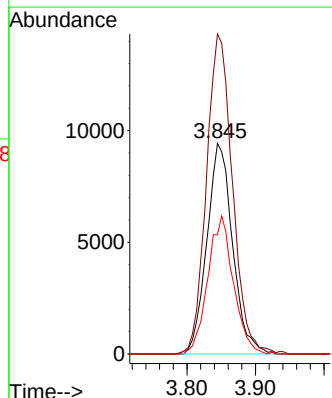
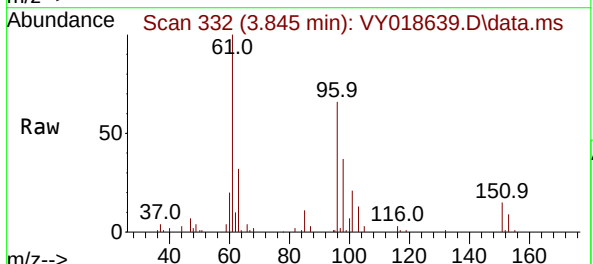
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

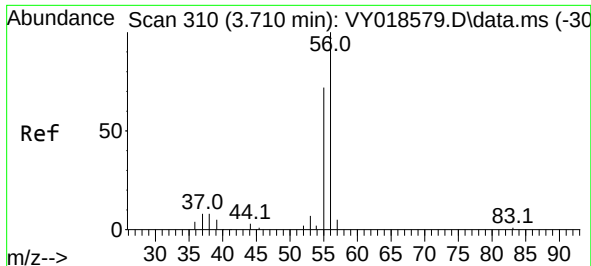
Tgt Ion: 59 Resp: 11084
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.233 ug/l
RT: 3.845 min Scan# 332
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 96 Resp: 24560
Ion Ratio Lower Upper
96 100
61 151.3 114.6 171.8
98 56.6 50.8 76.2





#13

Acrolein

Concen: 79.313 ug/l

RT: 3.704 min Scan# 310

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

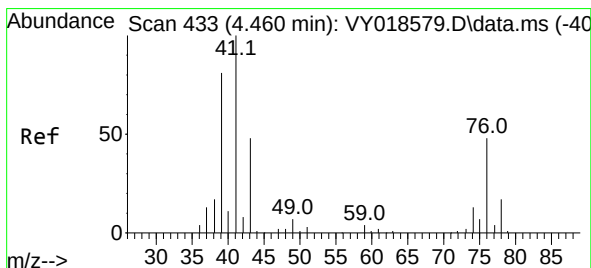
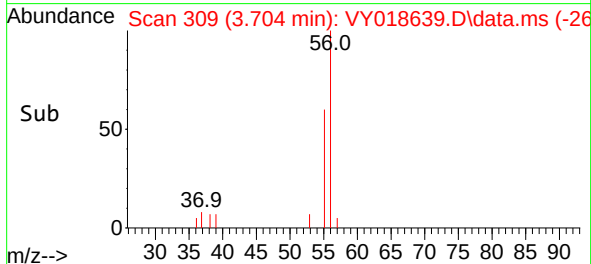
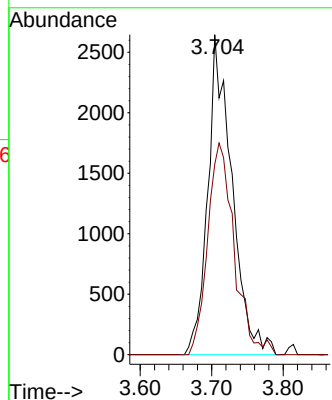
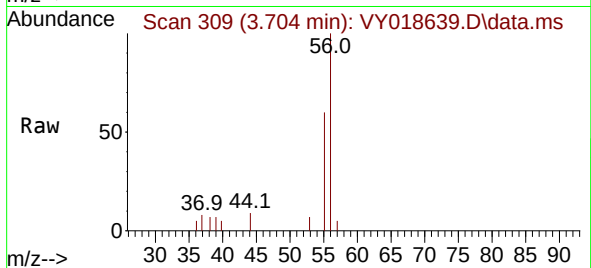
VY0619SBS01

Tgt Ion: 56 Resp: 6208

Ion Ratio Lower Upper

56 100

55 72.6 55.7 83.5



#14

Allyl chloride

Concen: 19.448 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

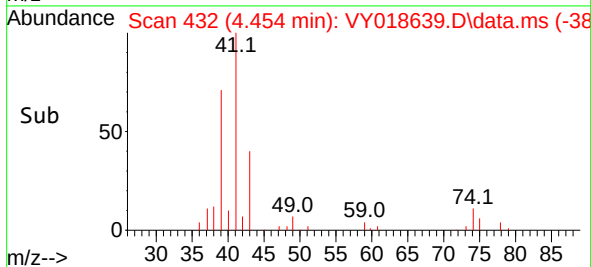
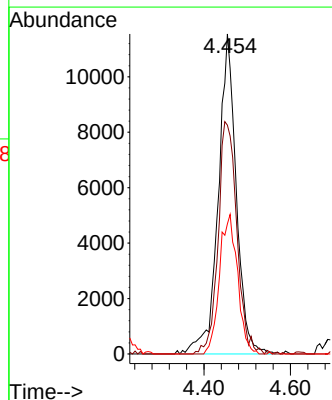
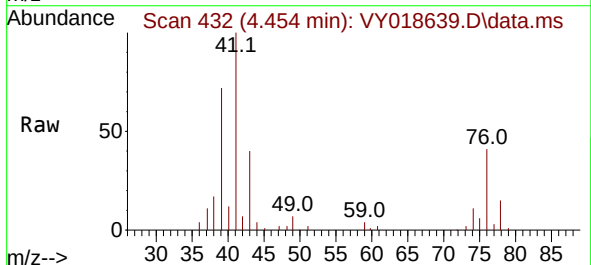
Tgt Ion: 41 Resp: 33480

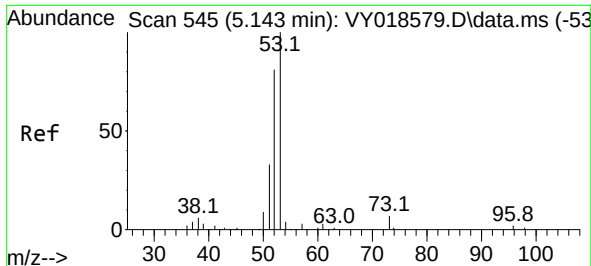
Ion Ratio Lower Upper

41 100

39 75.1 58.3 87.5

76 43.5 39.0 58.6

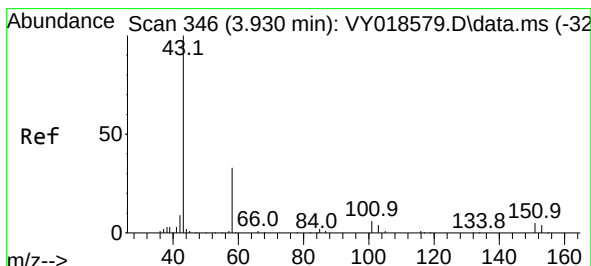
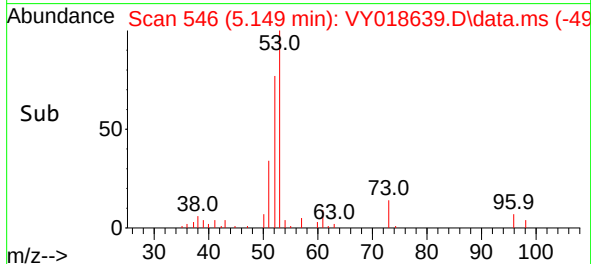
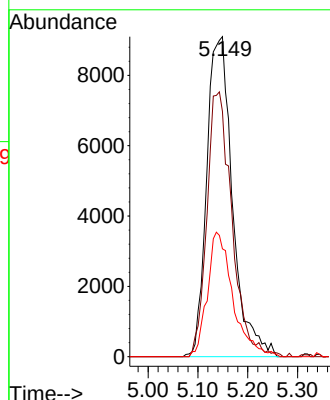
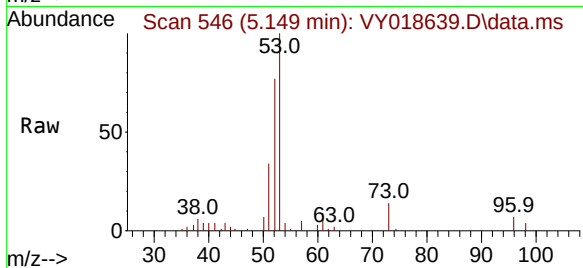




#15
Acrylonitrile
Concen: 105.933 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

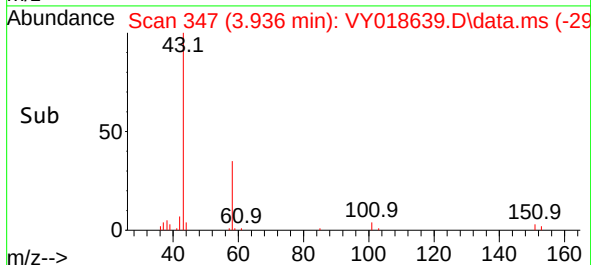
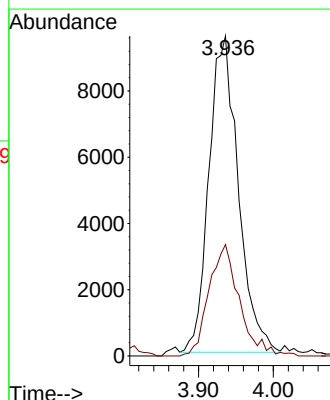
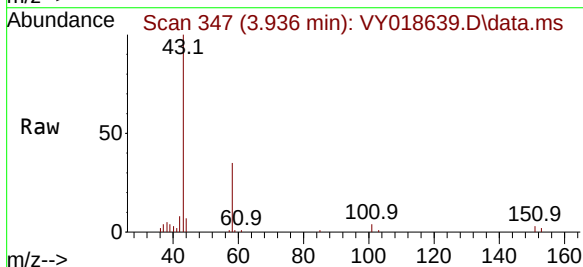
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

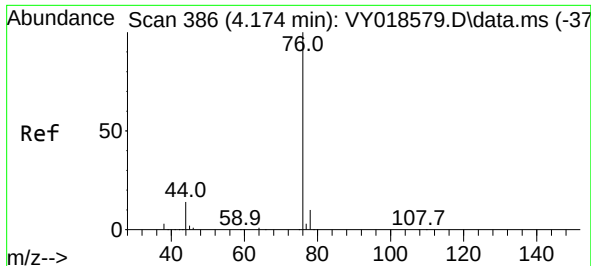
Tgt Ion:	53	Resp:	32678
Ion	Ratio	Lower	Upper
53	100		
52	80.1	64.7	97.1
51	38.5	28.4	42.6



#16
Acetone
Concen: 94.627 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:	43	Resp:	26058
Ion	Ratio	Lower	Upper
43	100		
58	35.2	31.7	47.5

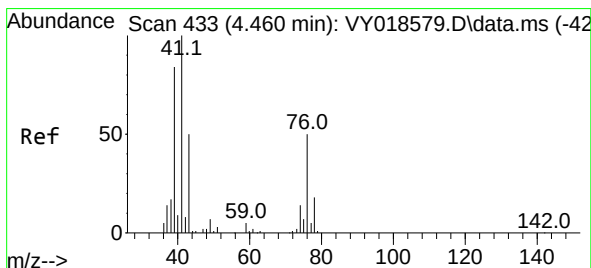
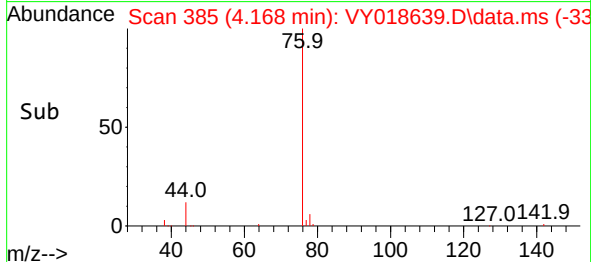
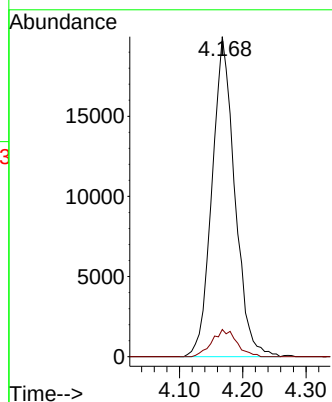
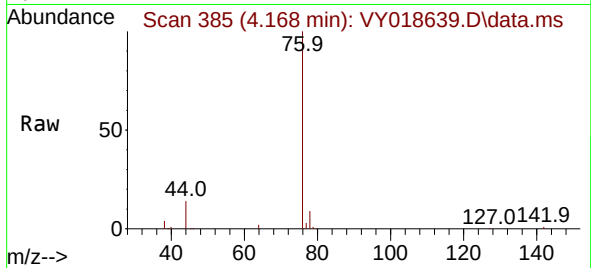




#17
Carbon Disulfide
Concen: 14.542 ug/l
RT: 4.168 min Scan# 385
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

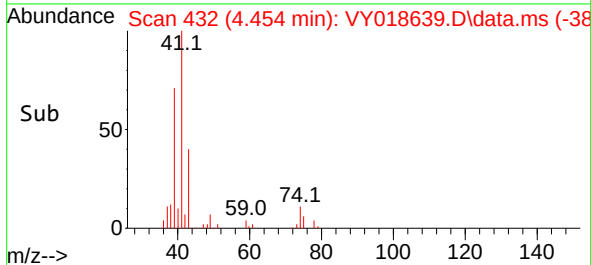
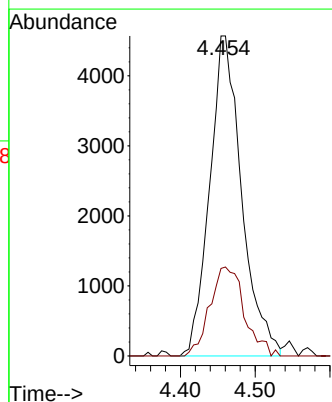
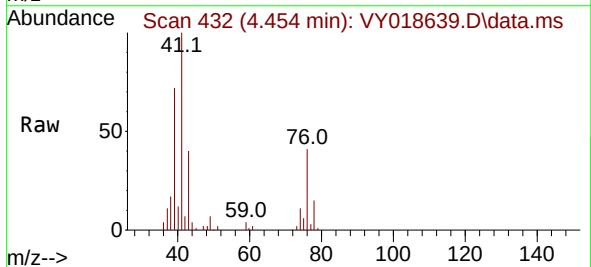
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

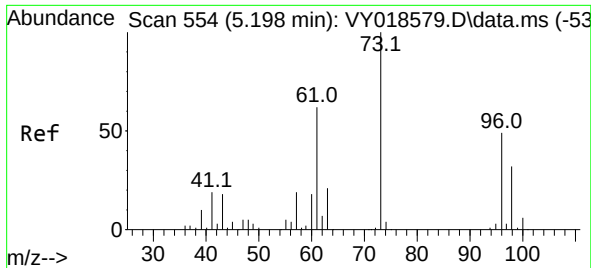
Tgt Ion: 76 Resp: 49943
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 19.494 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 43 Resp: 13616
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9

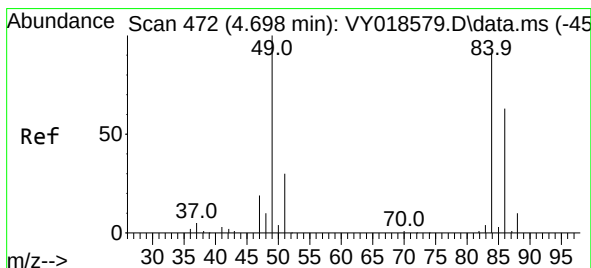
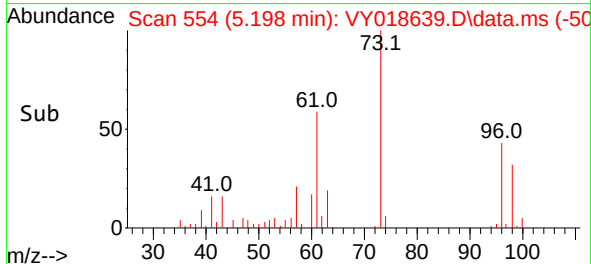
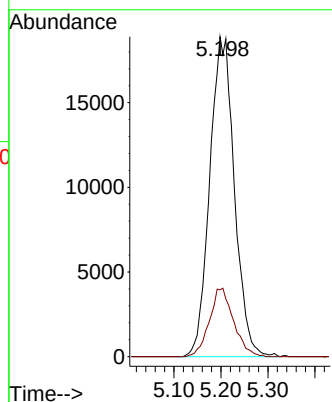
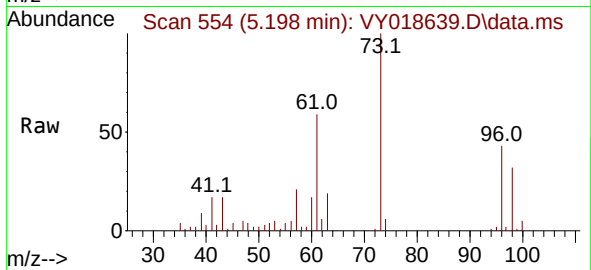




#19
Methyl tert-butyl Ether
Concen: 20.212 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

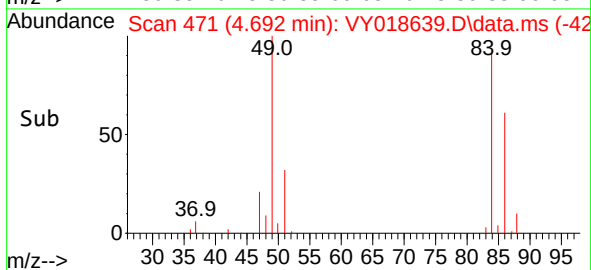
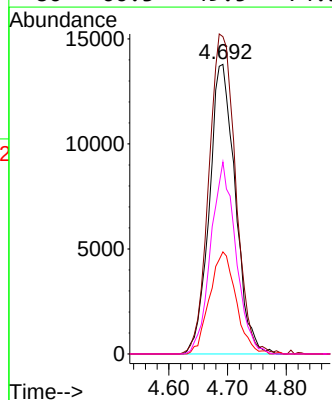
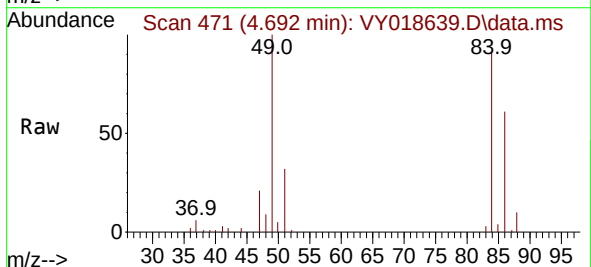
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

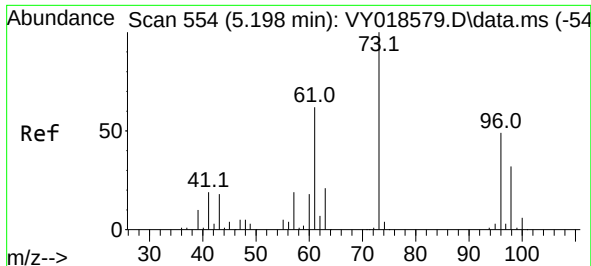
Tgt Ion: 73 Resp: 68848
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 19.476 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 84 Resp: 42336
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 35.3 26.0 39.0
86 66.3 49.5 74.3

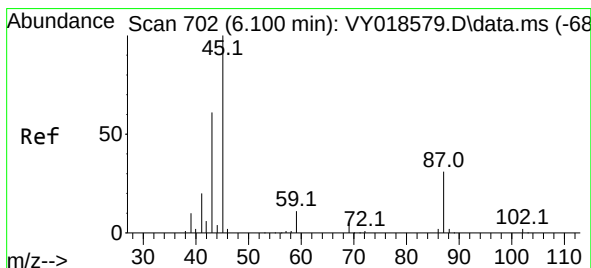
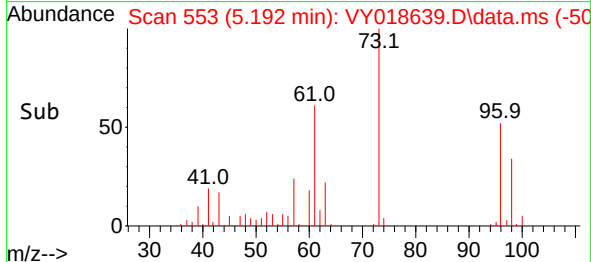
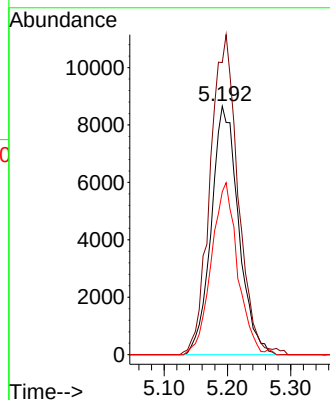
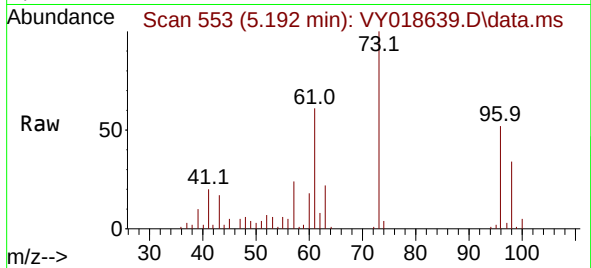




#21
trans-1,2-Dichloroethene
Concen: 17.824 ug/l
RT: 5.192 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

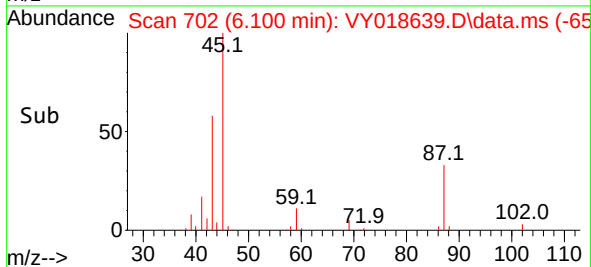
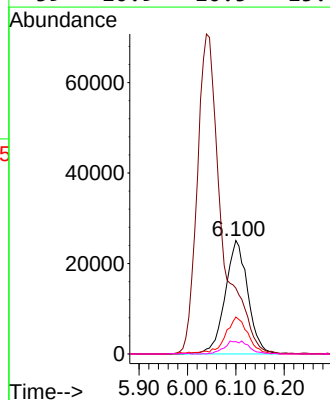
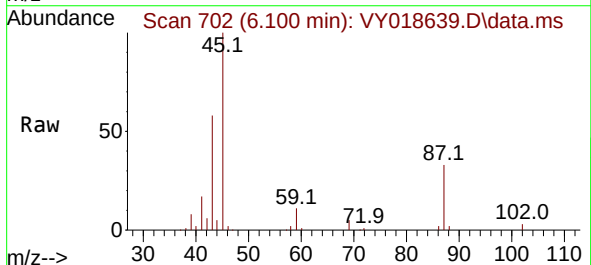
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

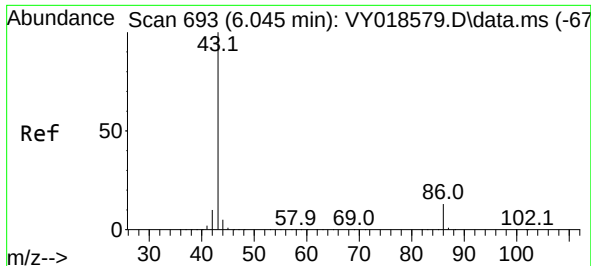
Tgt Ion: 96 Resp: 25910
Ion Ratio Lower Upper
96 100
61 117.6 97.5 146.3
98 65.6 50.5 75.7



#22
Diisopropyl ether
Concen: 20.975 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 45 Resp: 81519
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 32.6 25.0 37.6
59 10.9 10.5 15.7

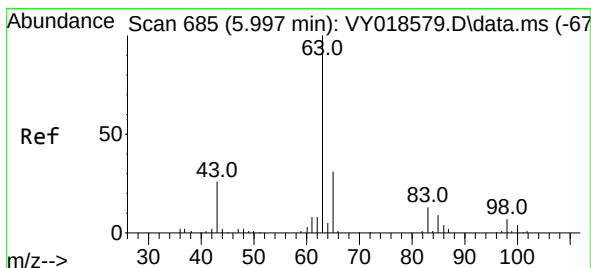
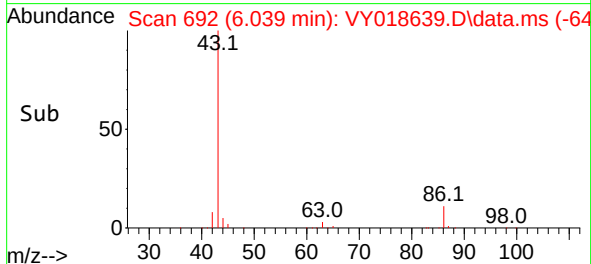
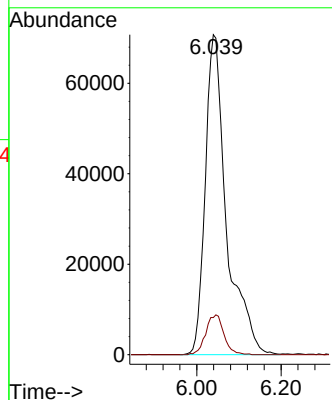
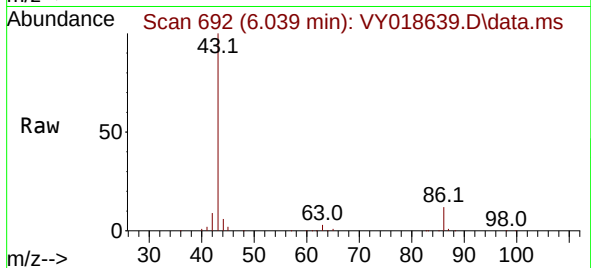




#23
 Vinyl Acetate
 Concen: 80.982 ug/l
 RT: 6.039 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

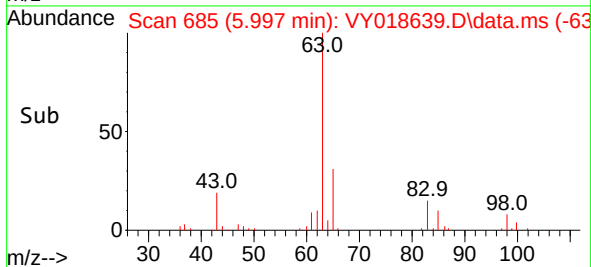
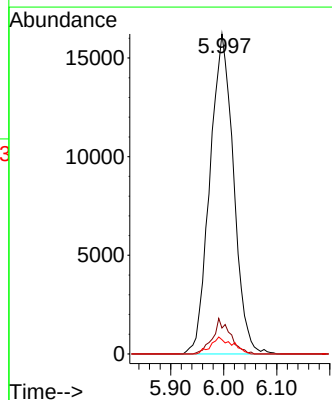
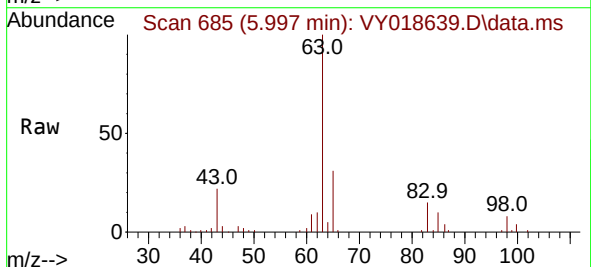
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

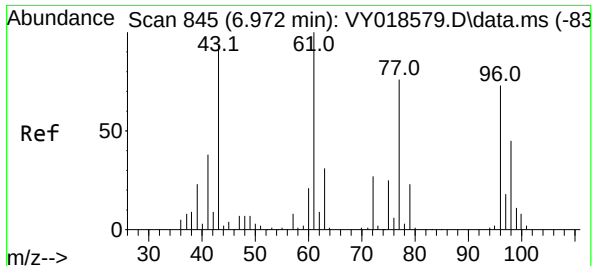
Tgt Ion: 43 Resp: 248270
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.093 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

Tgt Ion: 63 Resp: 50308
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 101.881 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

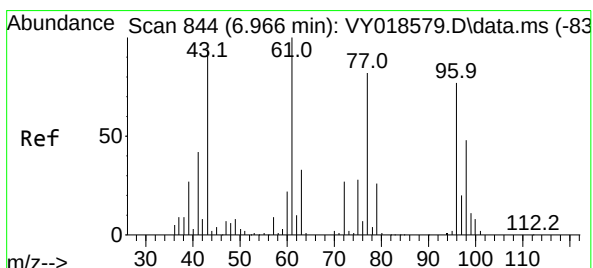
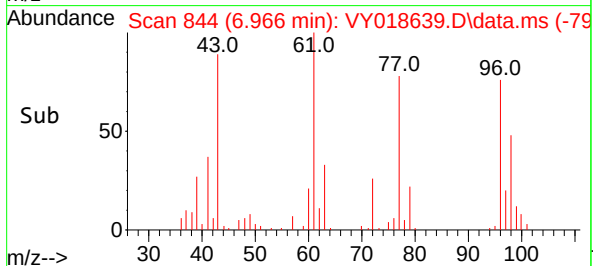
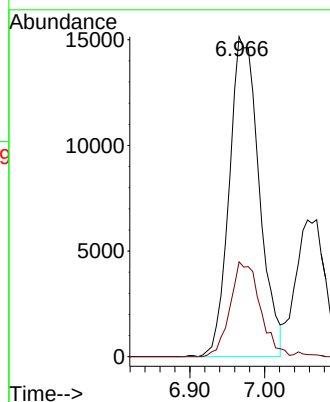
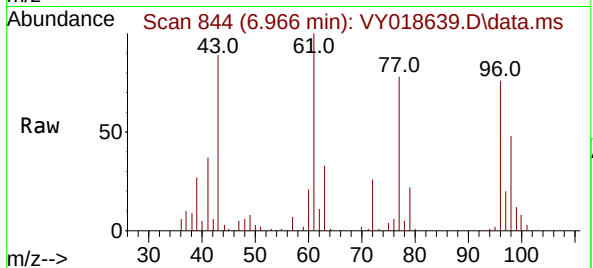
VY0619SBS01

Tgt Ion: 43 Resp: 42054

Ion Ratio Lower Upper

43 100

72 29.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.654 ug/l

RT: 6.966 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY018639.D

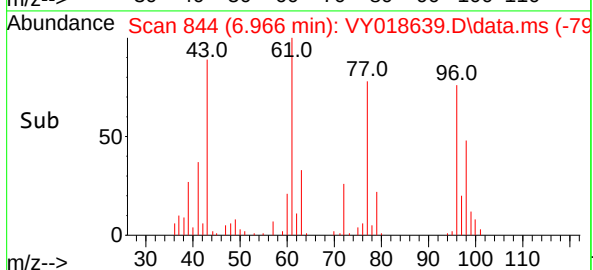
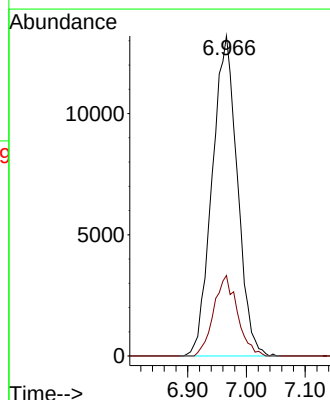
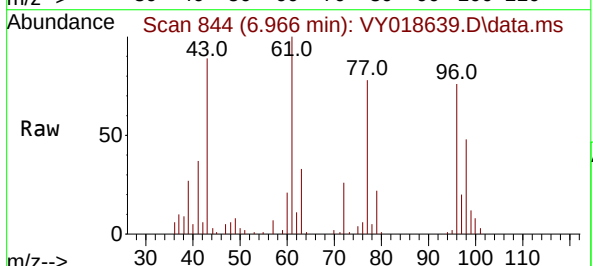
Acq: 19 Jun 2024 12:21

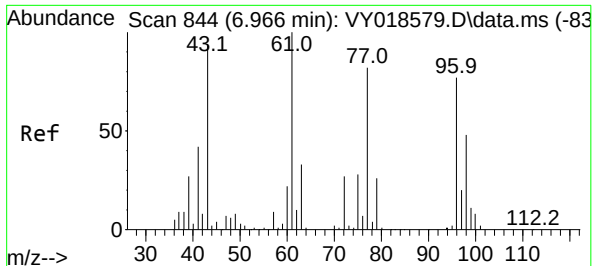
Tgt Ion: 77 Resp: 39350

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1

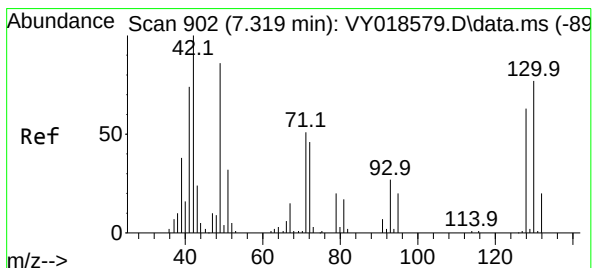
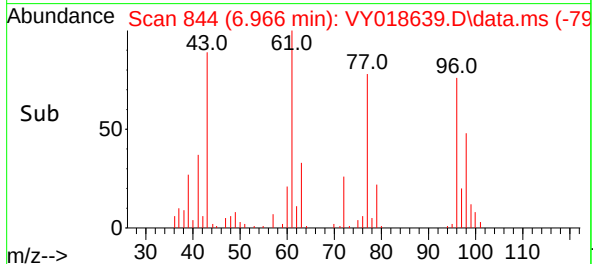
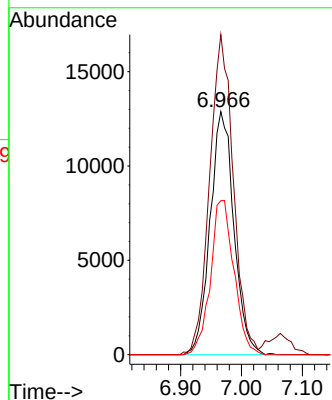
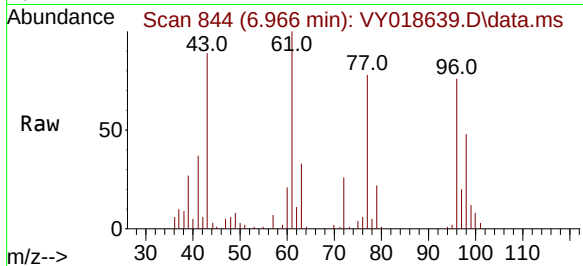




#27
 cis-1,2-Dichloroethene
 Concen: 19.906 ug/l
 RT: 6.966 min Scan# 844
 Delta R.T. 0.000 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

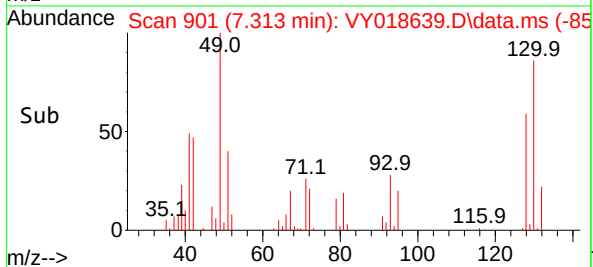
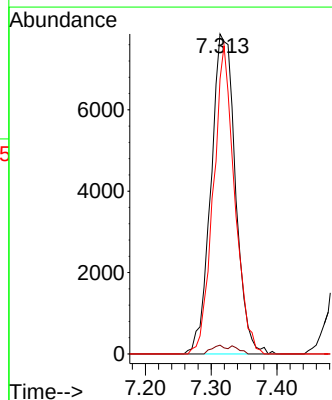
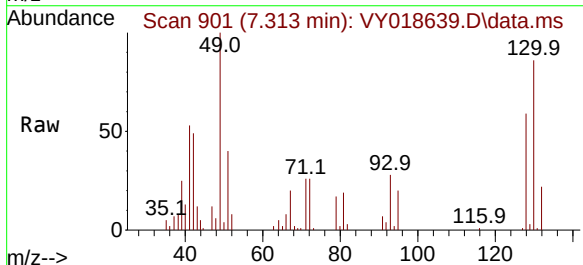
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

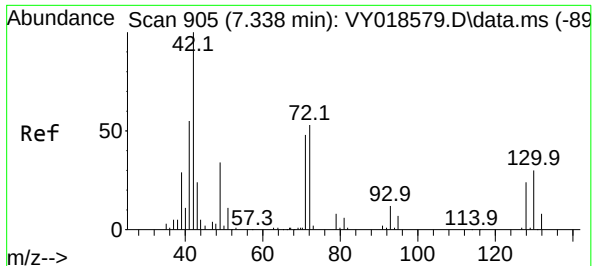
Tgt Ion:	96	Resp:	34951
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	256.2
98	62.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.841 ug/l
 RT: 7.313 min Scan# 901
 Delta R.T. -0.006 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

Tgt Ion:	49	Resp:	20362
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	84.1	72.7	109.1

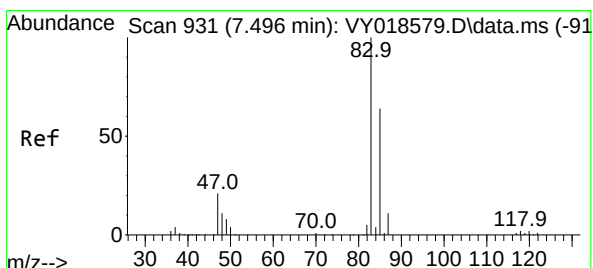
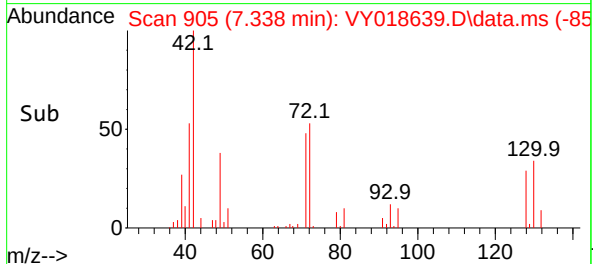
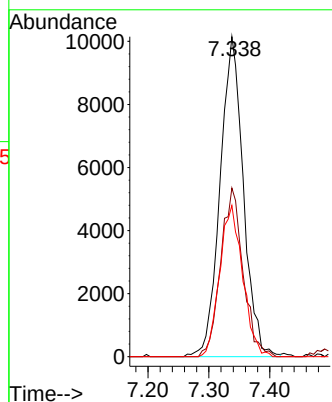
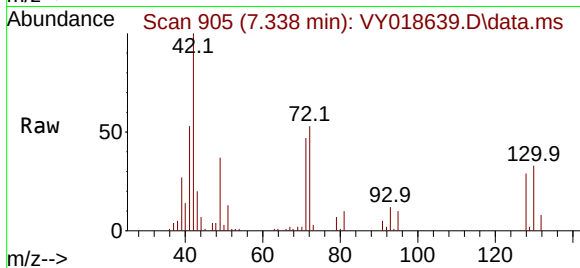




#29
Tetrahydrofuran
Concen: 106.540 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

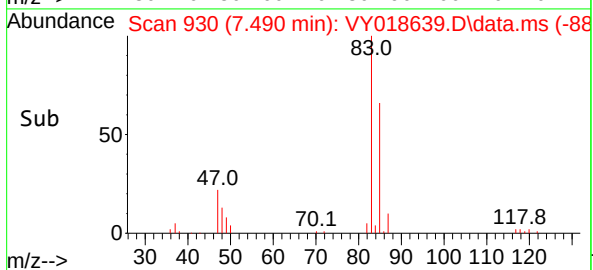
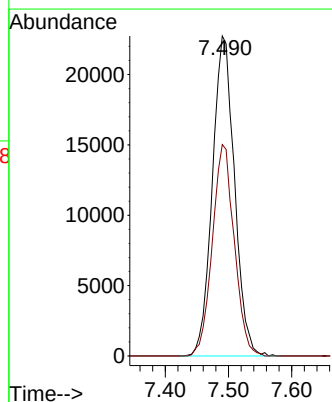
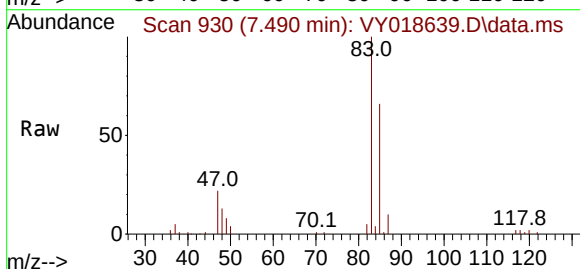
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

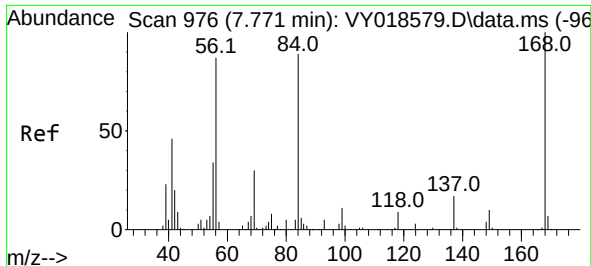
Tgt Ion:	42	Resp:	26988
Ion	Ratio	Lower	Upper
42	100		
72	50.9	43.0	64.4
71	46.6	40.8	61.2



#30
Chloroform
Concen: 20.238 ug/l
RT: 7.490 min Scan# 930
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:	83	Resp:	55223
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4

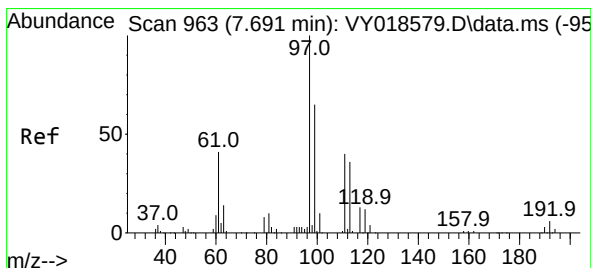
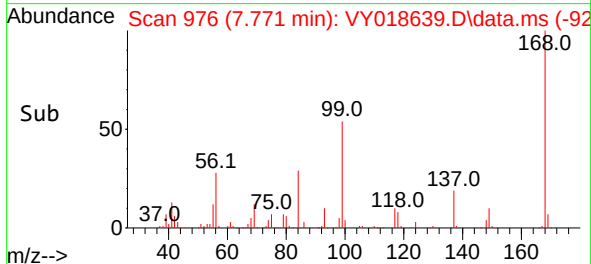
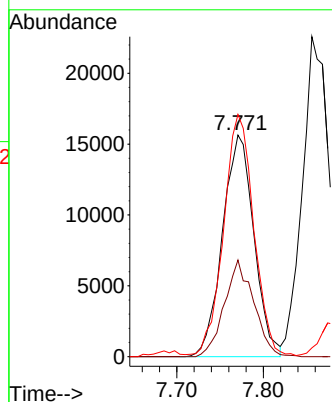
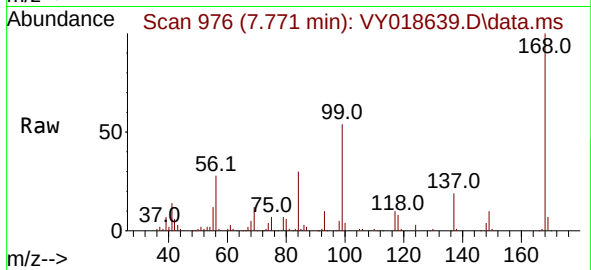




#31
Cyclohexane
Concen: 19.036 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

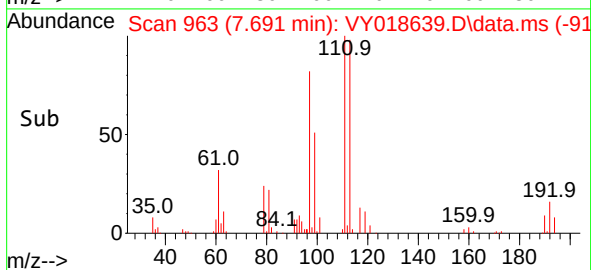
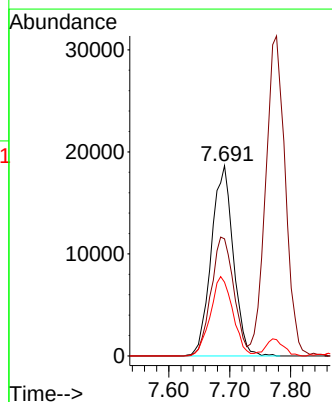
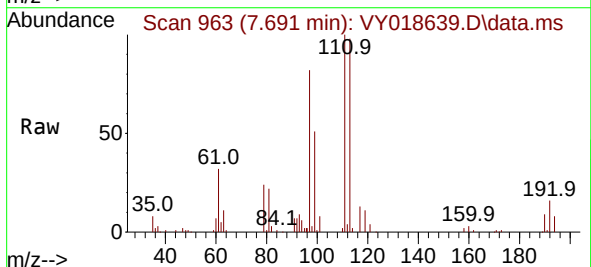
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

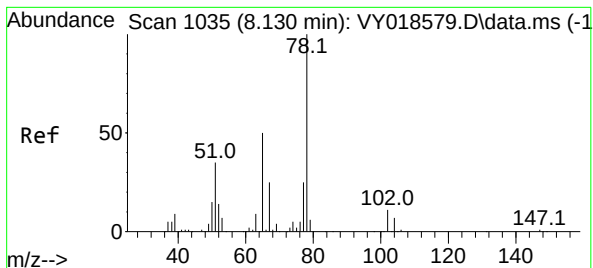
Tgt Ion: 56 Resp: 39469
Ion Ratio Lower Upper
56 100
69 43.6 28.7 43.1#
84 108.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.165 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 97 Resp: 46746
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.893 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

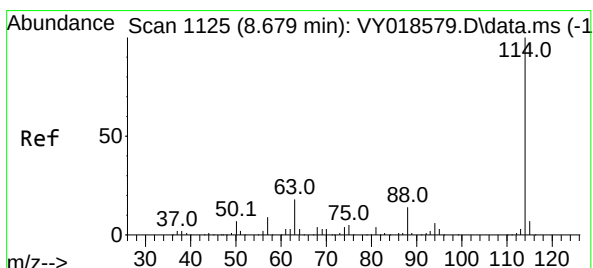
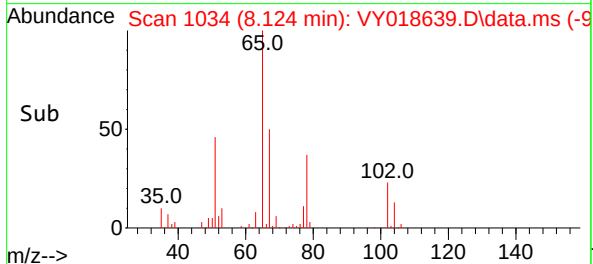
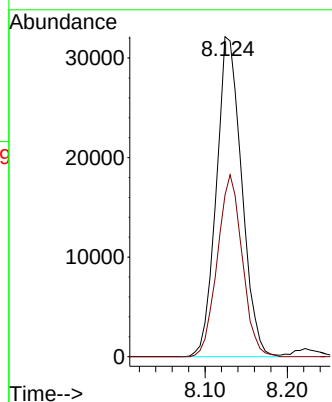
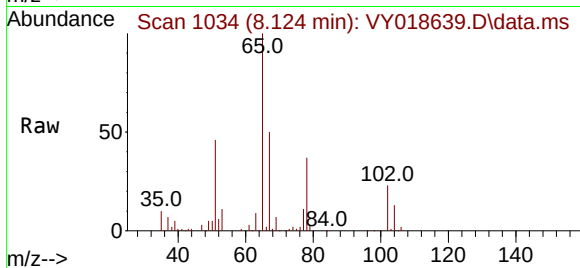
VY0619SBS01

Tgt Ion: 65 Resp: 68885

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

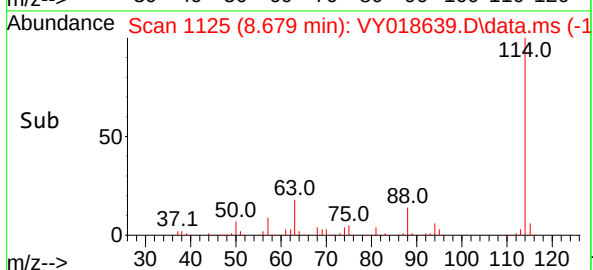
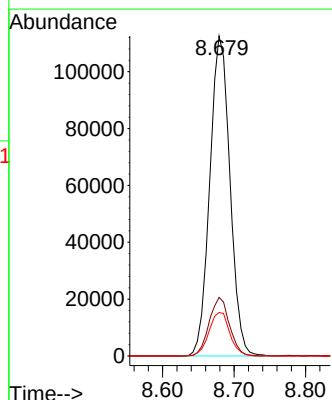
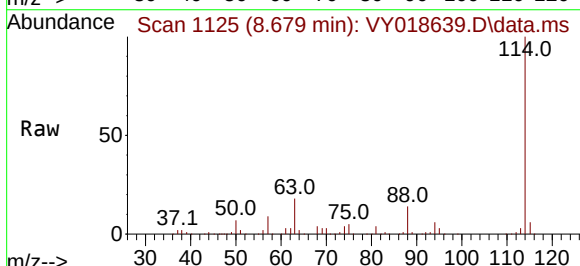
Tgt Ion: 114 Resp: 220656

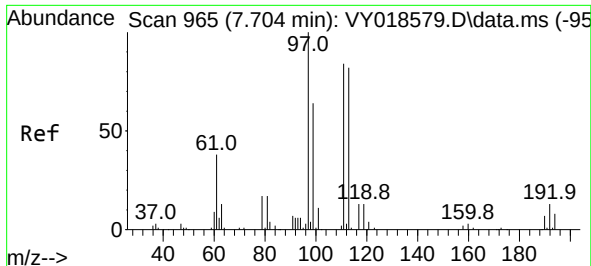
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.6 0.0 27.2

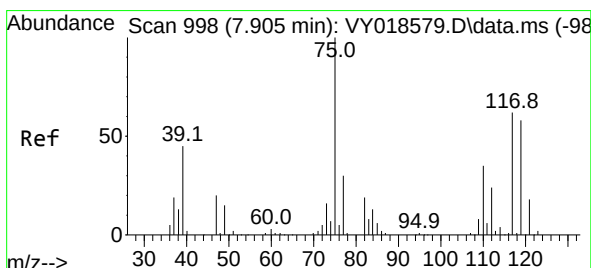
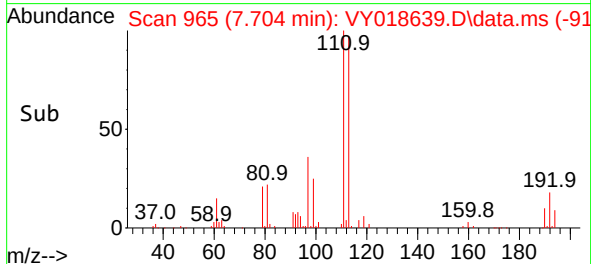
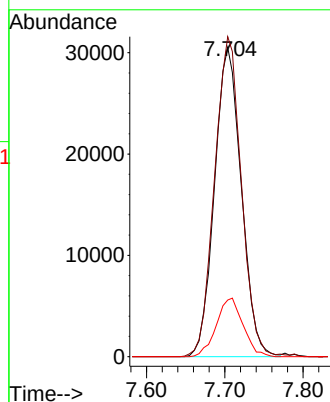
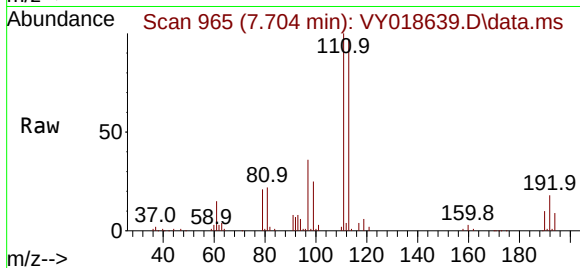




#35
Dibromofluoromethane
Concen: 53.877 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

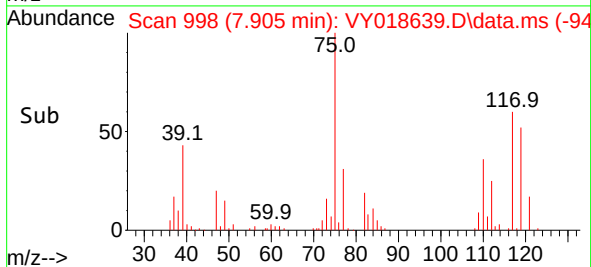
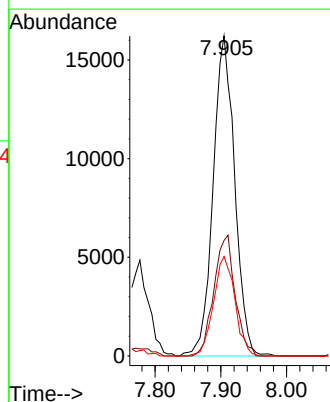
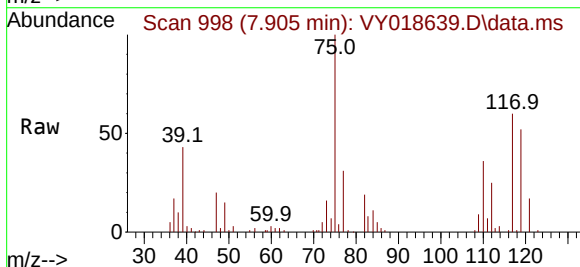
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

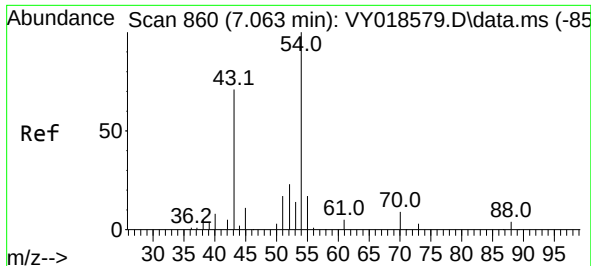
Tgt Ion:113 Resp: 72520
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.994 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 75 Resp: 37045
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 30.8 25.3 37.9

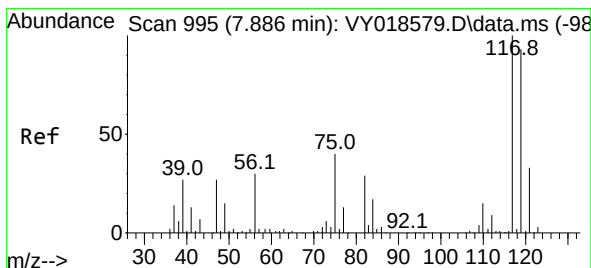
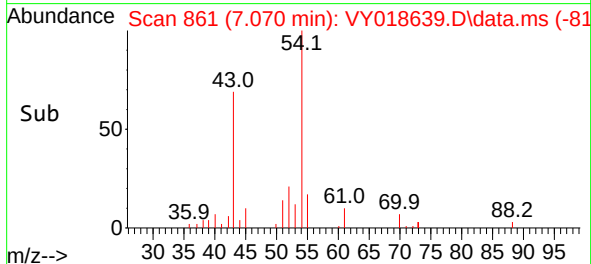
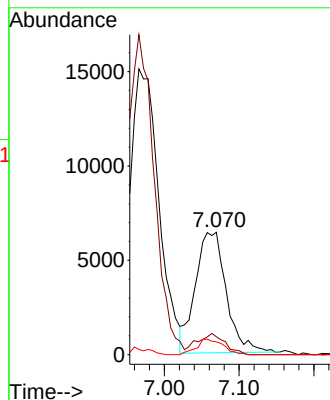
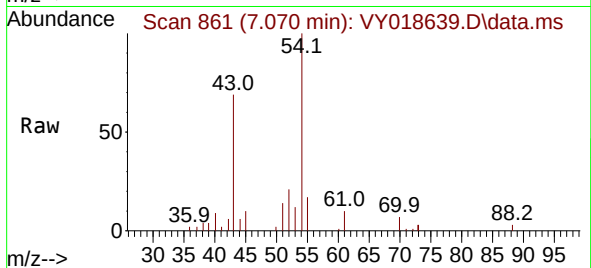




#37
Ethyl Acetate
Concen: 21.001 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

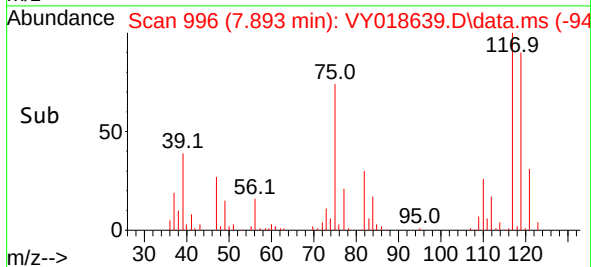
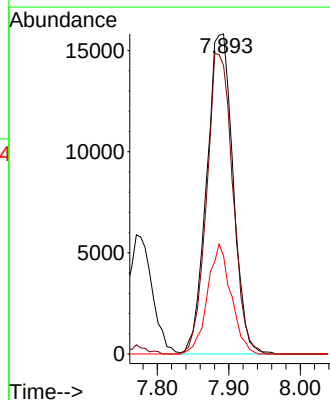
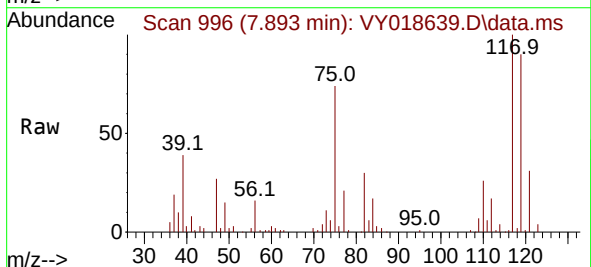
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

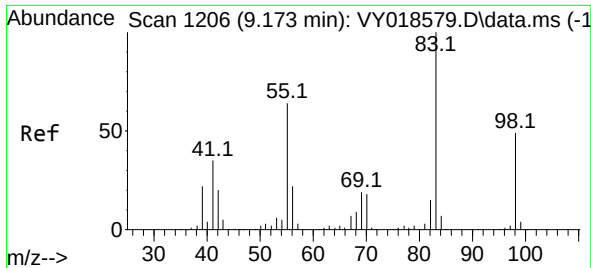
Tgt Ion: 43 Resp: 18342
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 11.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.911 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 117 Resp: 40646
Ion Ratio Lower Upper
117 100
119 90.2 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.851 ug/l

RT: 9.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBSD01

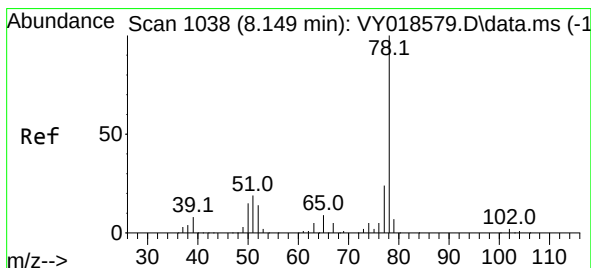
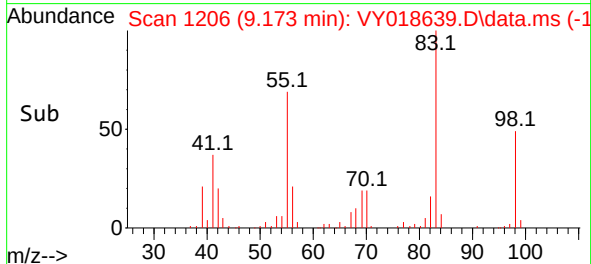
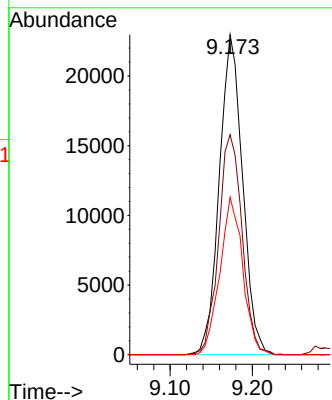
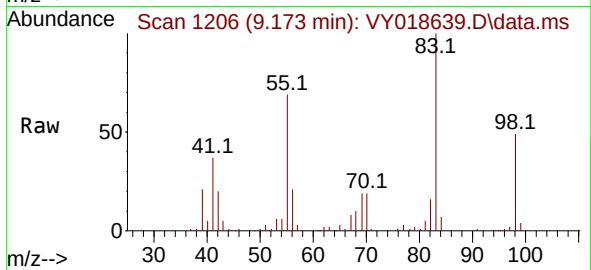
Tgt Ion: 83 Resp: 45065

Ion Ratio Lower Upper

83 100

55 68.8 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 20.166 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY018639.D

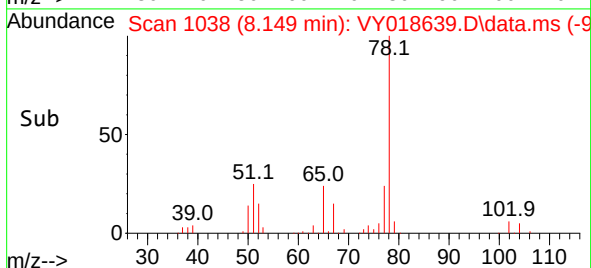
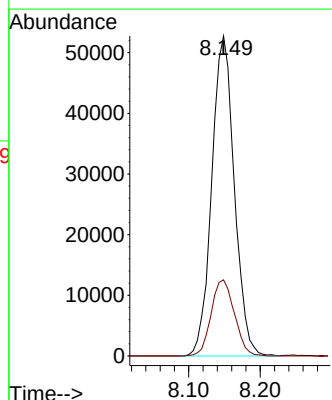
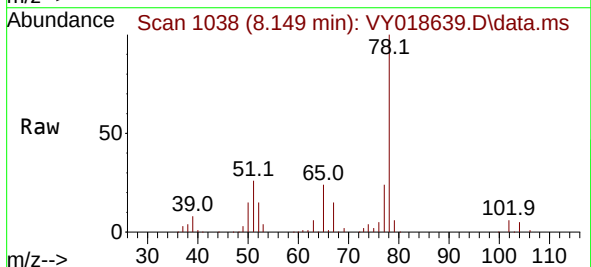
Acq: 19 Jun 2024 12:21

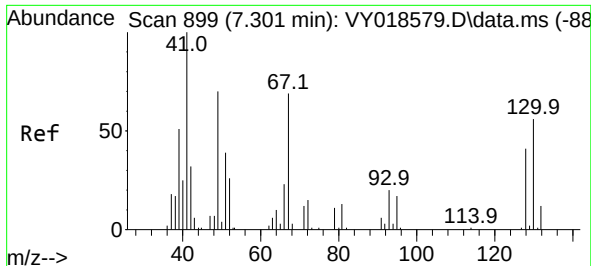
Tgt Ion: 78 Resp: 115550

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

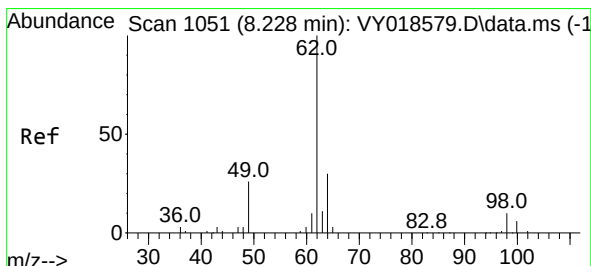
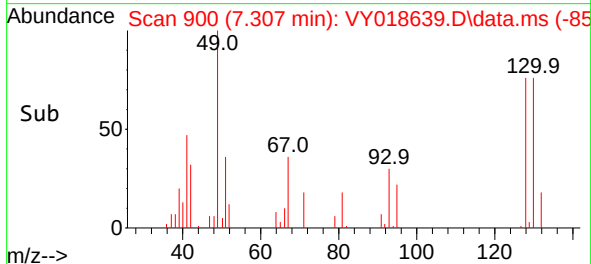
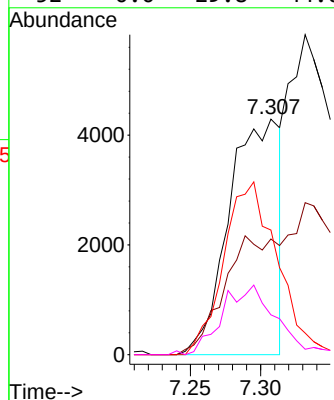
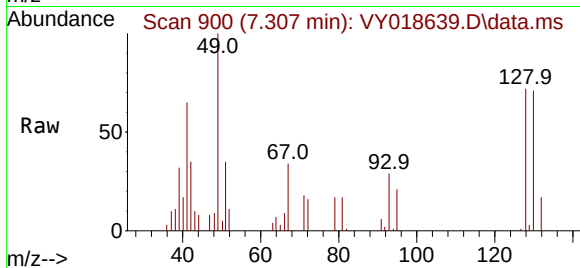




#41
Methacrylonitrile
Concen: 24.679 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

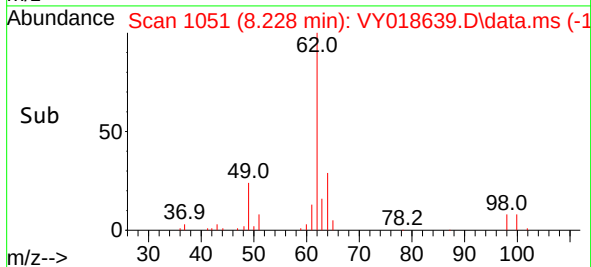
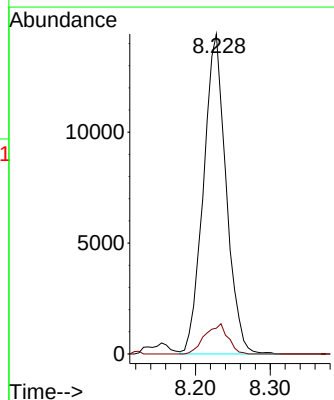
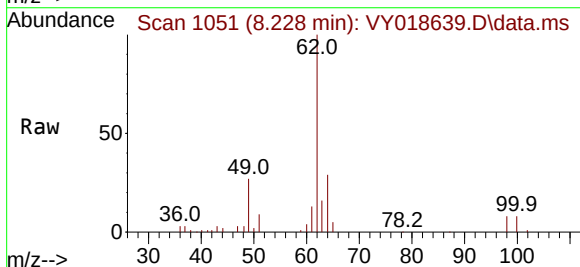
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

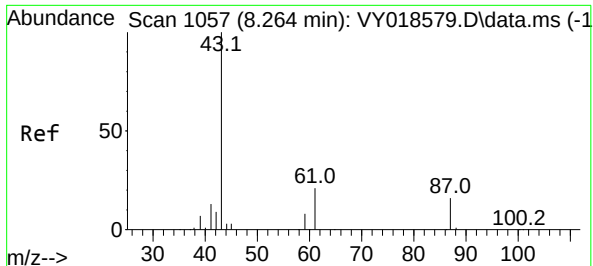
Tgt Ion: 41 Resp: 10841
Ion Ratio Lower Upper
41 100
39 53.7 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.329 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 62 Resp: 30389
Ion Ratio Lower Upper
62 100
98 9.5 0.0 22.0

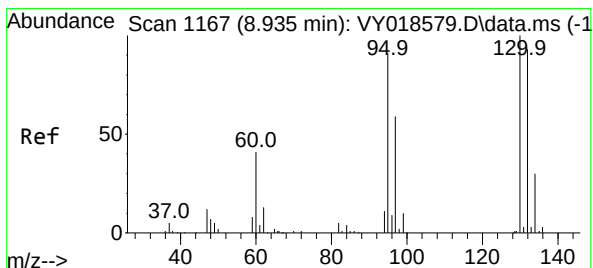
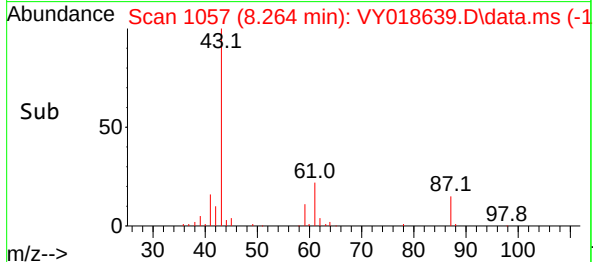
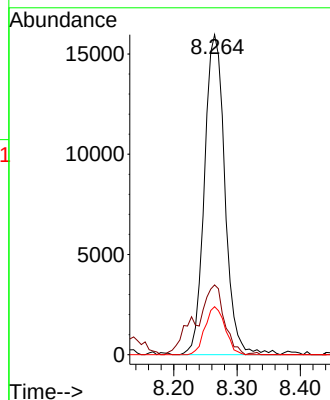
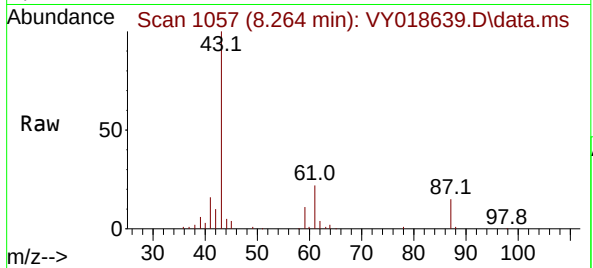




#43
Isopropyl Acetate
Concen: 21.991 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

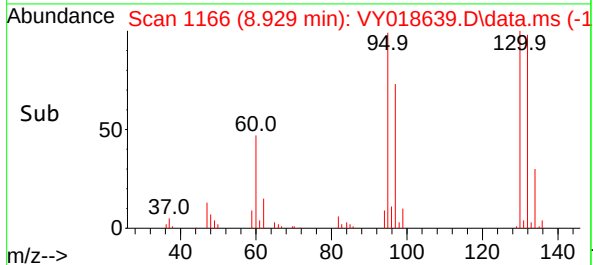
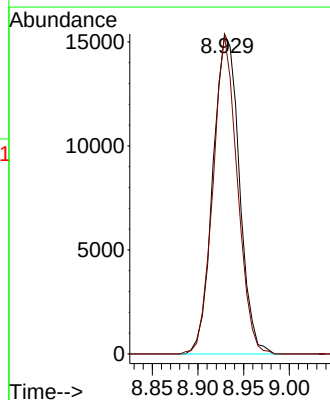
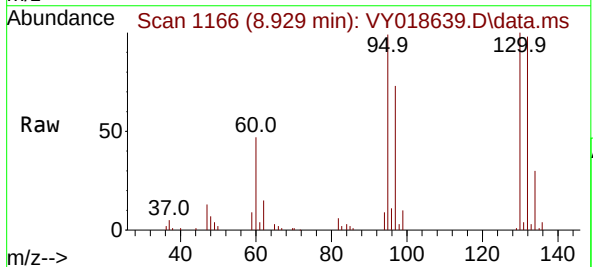
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

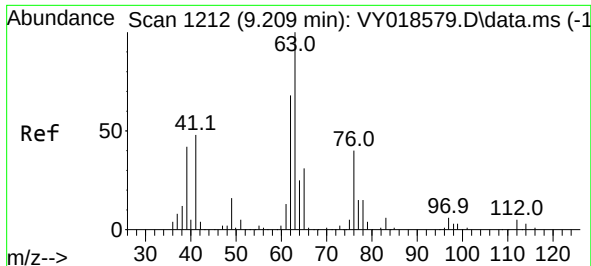
Tgt Ion: 43 Resp: 35849
Ion Ratio Lower Upper
43 100
61 20.9 27.9 41.9#
87 14.7 13.1 19.7



#44
Trichloroethene
Concen: 20.493 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:130 Resp: 30743
Ion Ratio Lower Upper
130 100
95 99.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.110 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

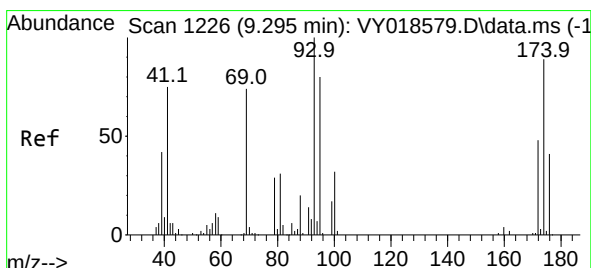
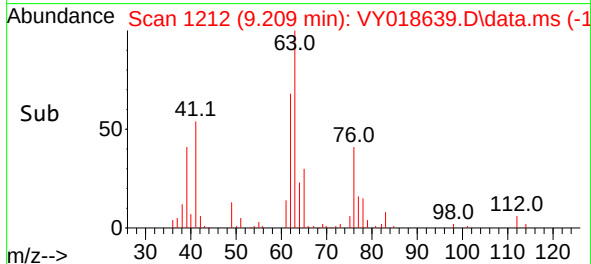
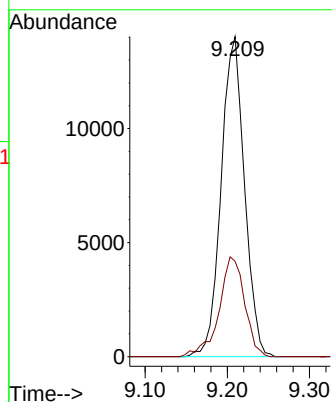
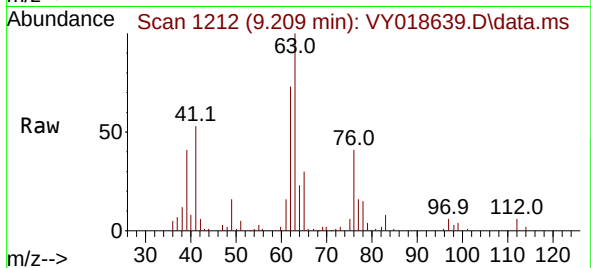
VY0619SBS01

Tgt Ion: 63 Resp: 27659

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 20.486 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

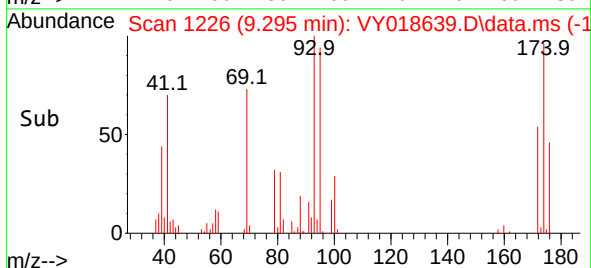
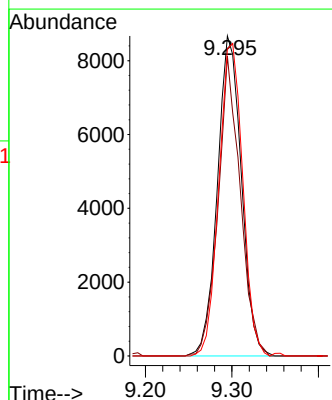
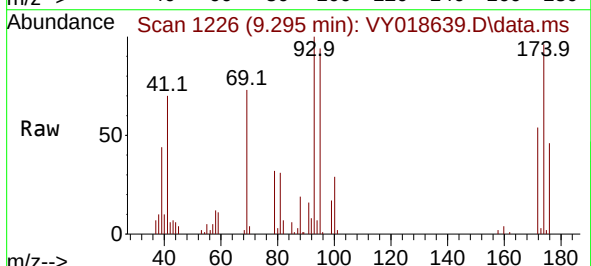
Tgt Ion: 93 Resp: 16655

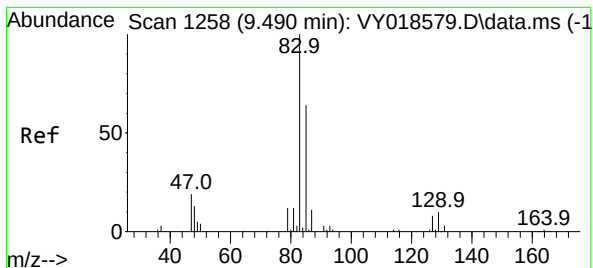
Ion Ratio Lower Upper

93 100

95 86.4 66.2 99.4

174 97.0 80.9 121.3





#47

Bromodichloromethane

Concen: 20.787 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

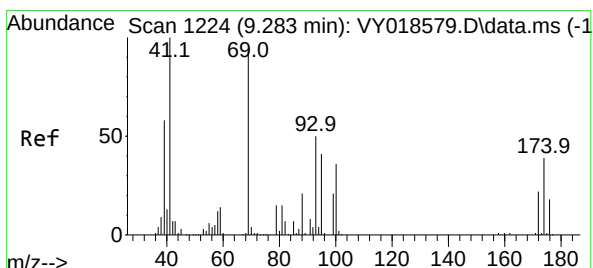
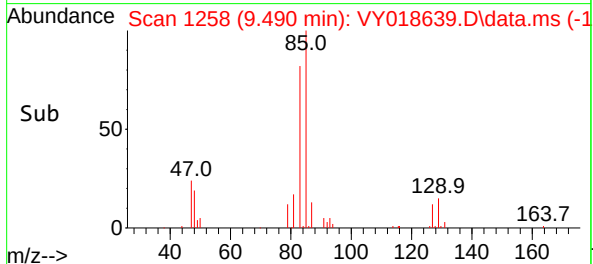
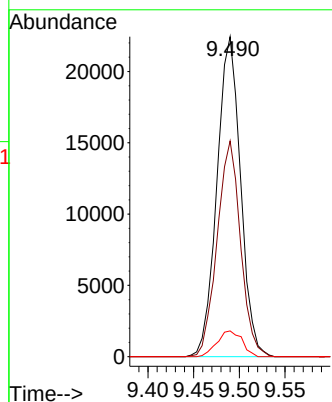
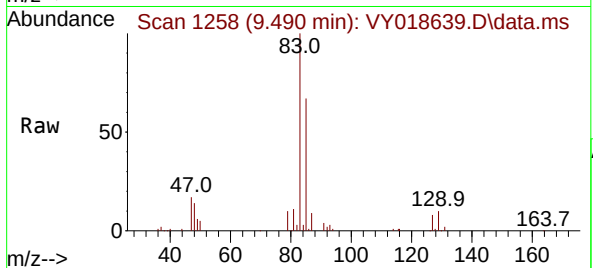
Tgt Ion: 83 Resp: 40334

Ion Ratio Lower Upper

83 100

85 67.4 50.1 75.1

127 8.0 7.4 11.0



#48

Methyl methacrylate

Concen: 20.887 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

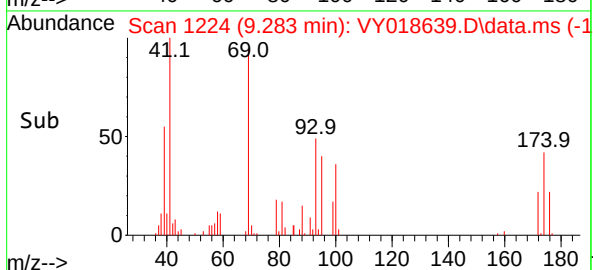
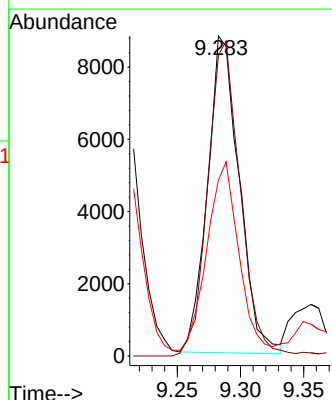
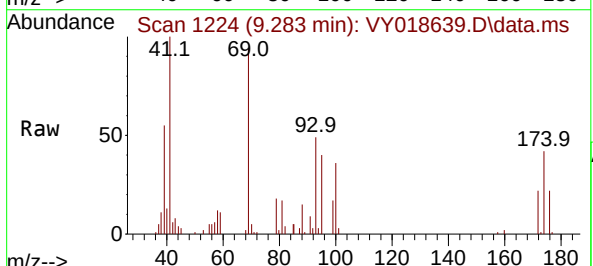
Tgt Ion: 41 Resp: 15329

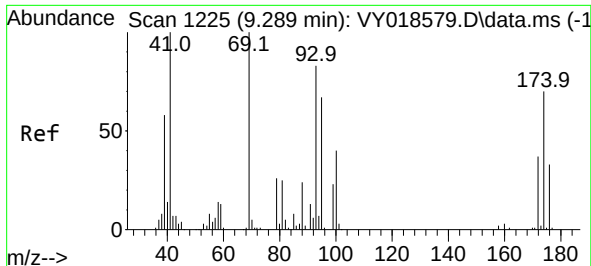
Ion Ratio Lower Upper

41 100

69 101.2 84.1 126.1

39 62.8 43.6 65.4





#49

1,4-Dioxane

Concen: 378.411 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

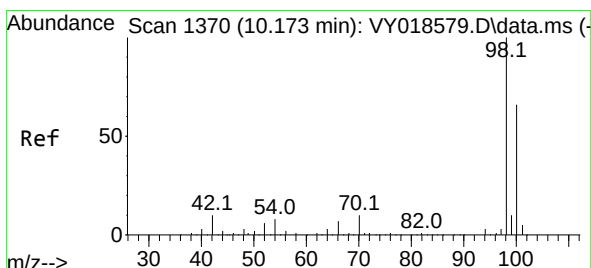
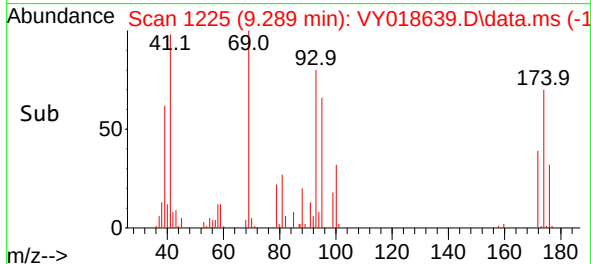
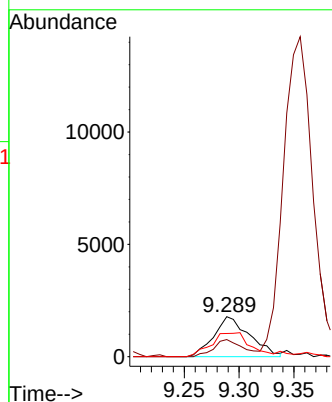
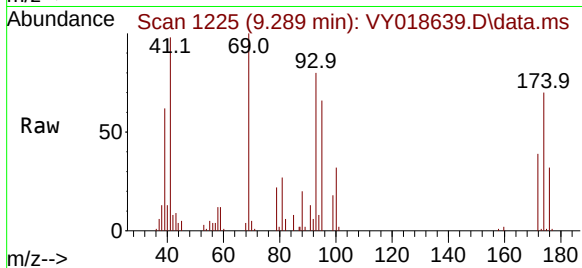
Tgt Ion: 88 Resp: 4046

Ion Ratio Lower Upper

88 100

43 36.2 0.0 0.0#

58 64.2 49.3 73.9



#50

Toluene-d8

Concen: 55.100 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018639.D

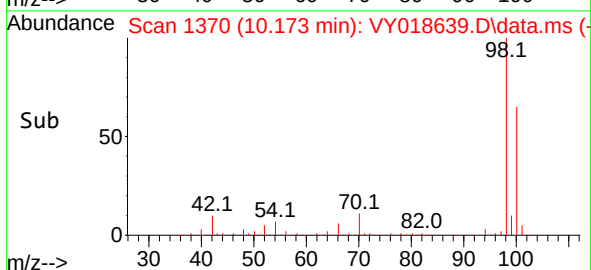
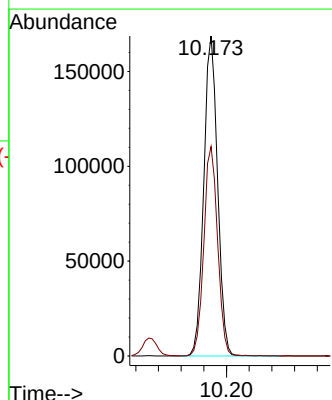
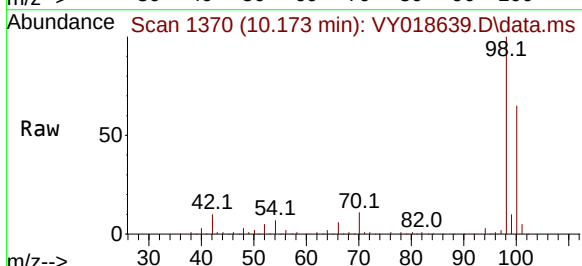
Acq: 19 Jun 2024 12:21

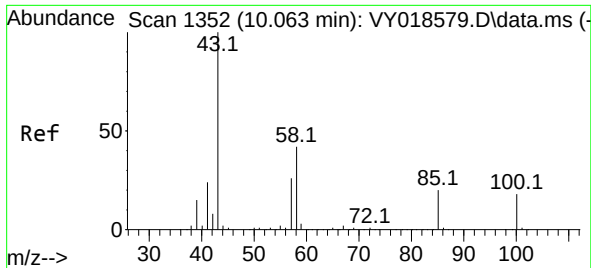
Tgt Ion: 98 Resp: 285221

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

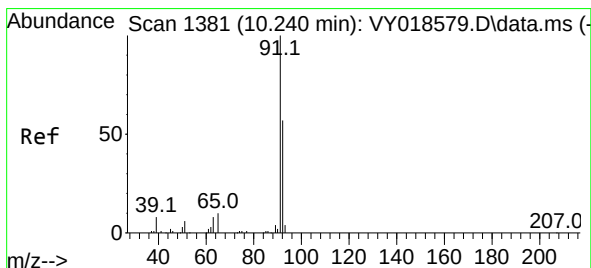
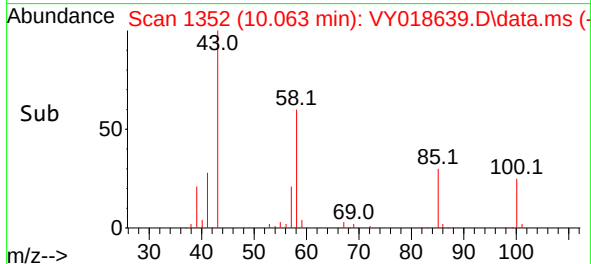
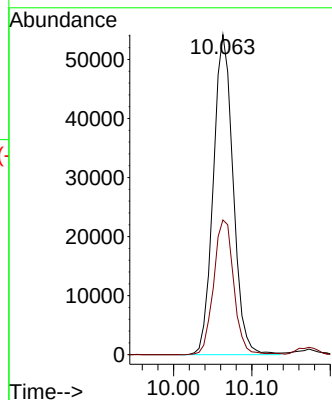
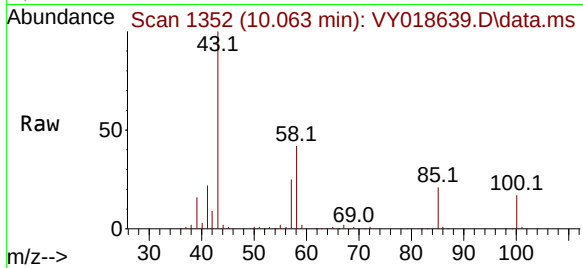




#51
4-Methyl-2-Pentanone
Concen: 110.997 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

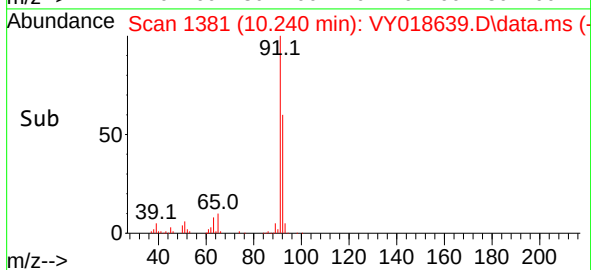
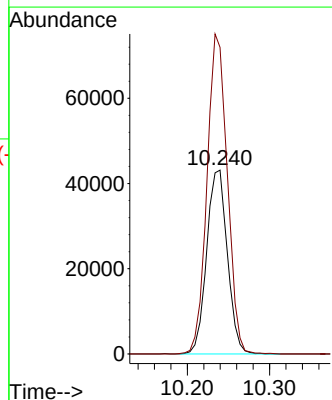
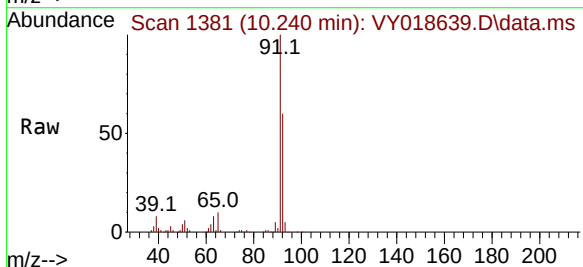
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

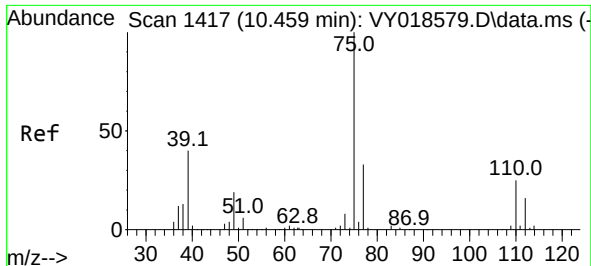
Tgt Ion: 43 Resp: 95311
Ion Ratio Lower Upper
43 100
58 42.8 35.7 53.5



#52
Toluene
Concen: 20.508 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 92 Resp: 75446
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6

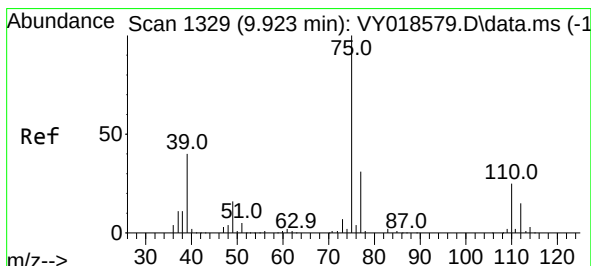
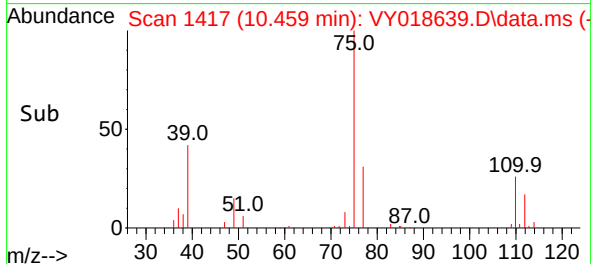
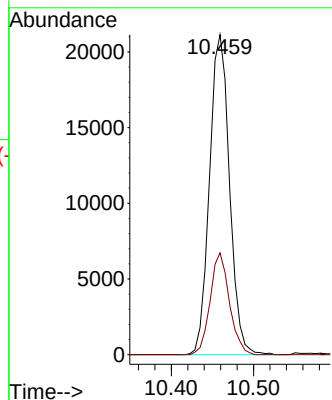
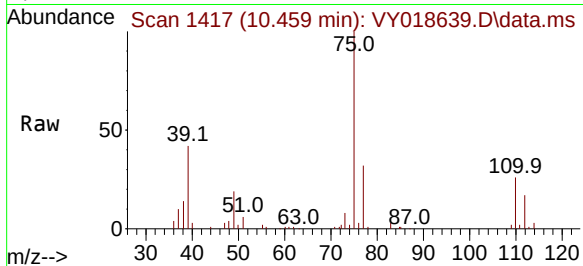




#53
t-1,3-Dichloropropene
Concen: 21.063 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

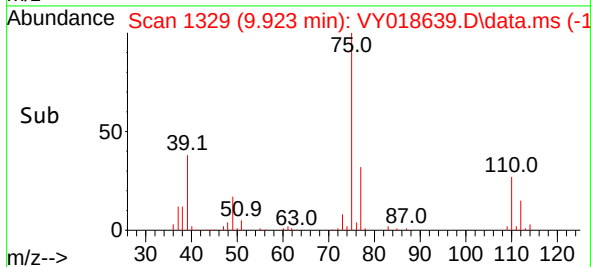
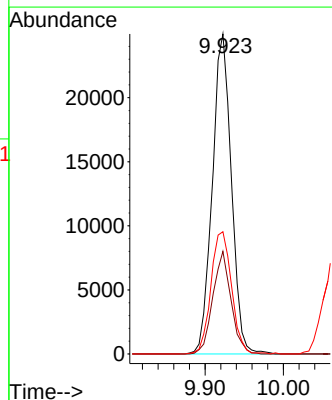
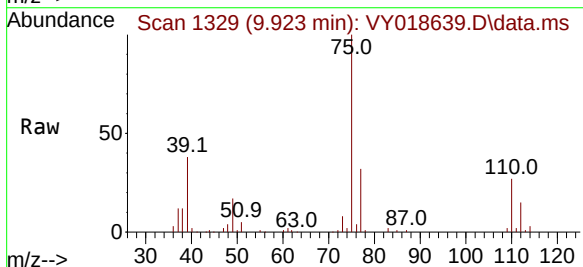
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

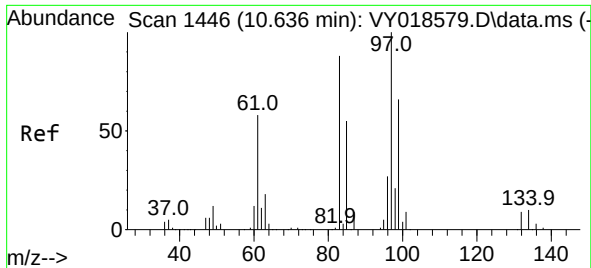
Tgt Ion: 75 Resp: 35715
Ion Ratio Lower Upper
75 100
77 31.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.624 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 75 Resp: 42202
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 38.2 29.8 44.6

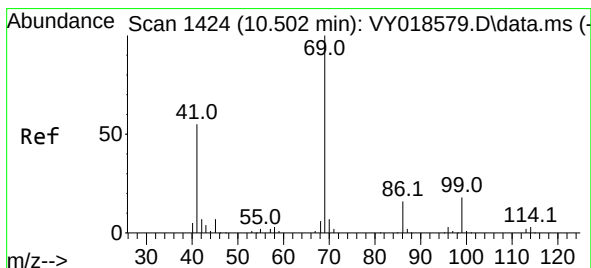
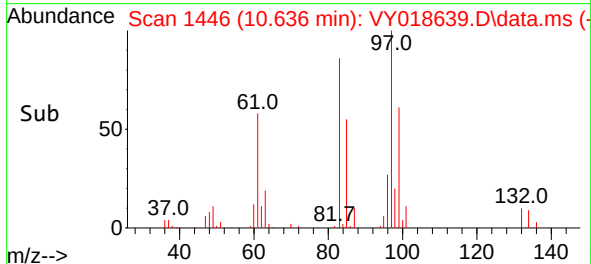
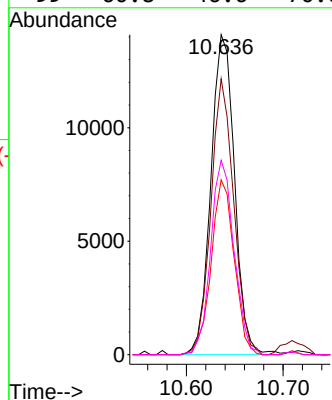
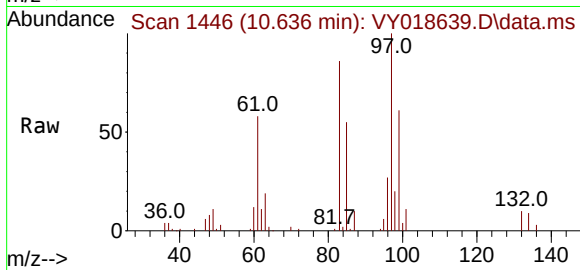




#55
1,1,2-Trichloroethane
Concen: 22.166 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

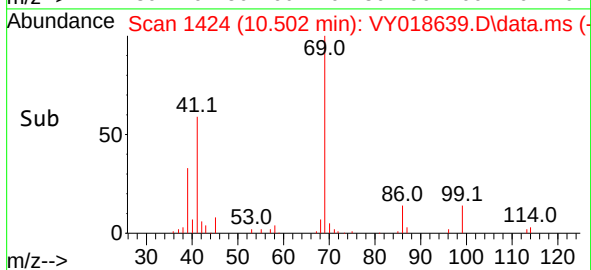
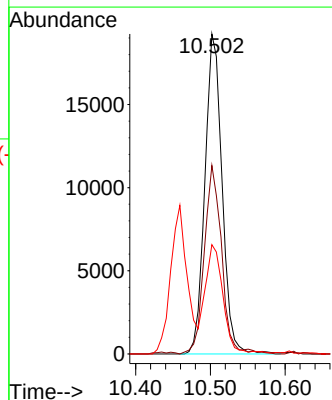
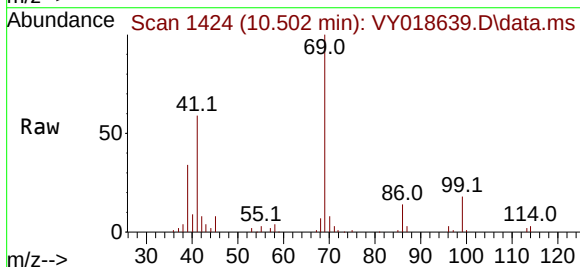
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

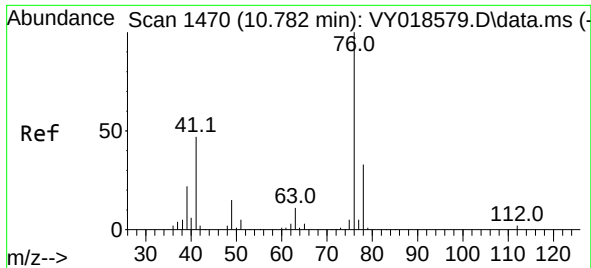
Tgt Ion: 97	Resp: 23969
Ion Ratio	Lower Upper
97 100	
83 86.2	67.5 101.3
85 54.7	42.9 64.3
99 60.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 21.784 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 69	Resp: 30824		
Ion Ratio	Lower	Upper	
69 100			
41 59.2	42.3	63.5	
39 34.7	22.9	34.3	#

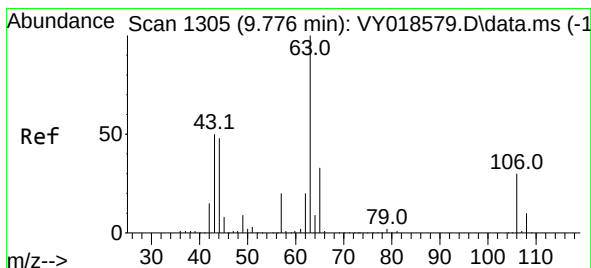
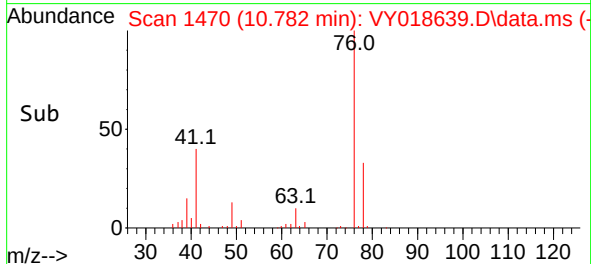
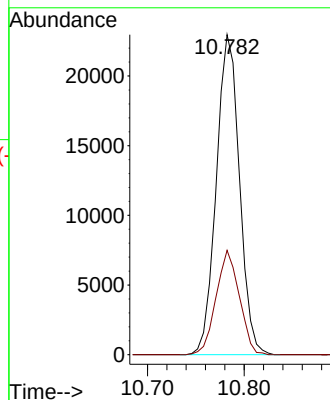
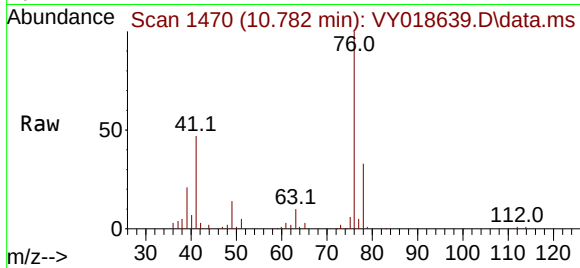




#57
1,3-Dichloropropane
Concen: 21.226 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

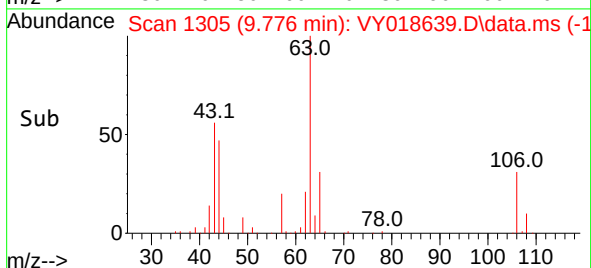
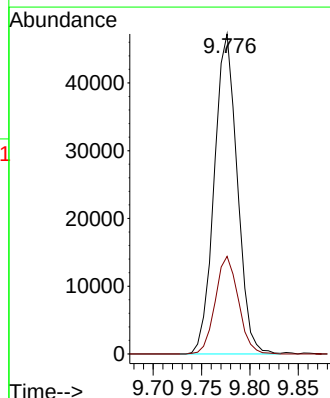
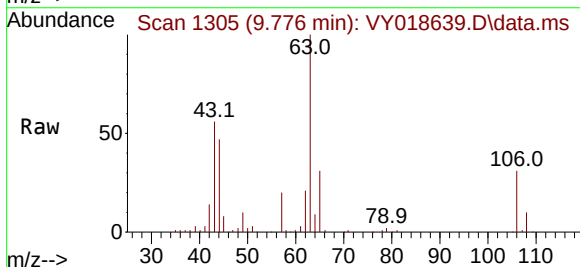
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

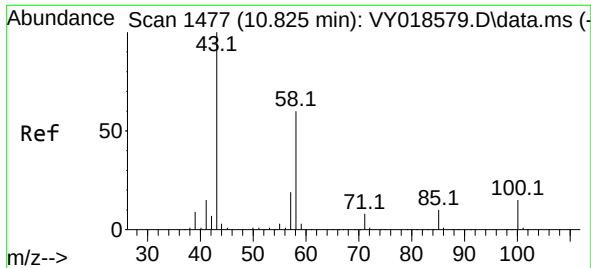
Tgt Ion: 76 Resp: 38127
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 114.484 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 63 Resp: 78203
Ion Ratio Lower Upper
63 100
106 30.5 23.7 35.5

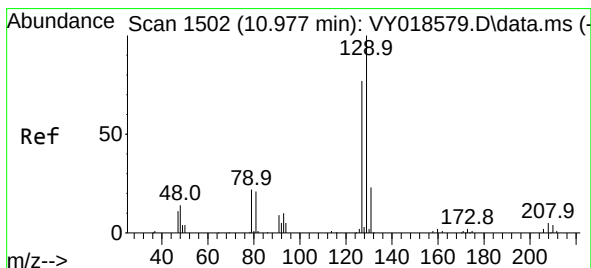
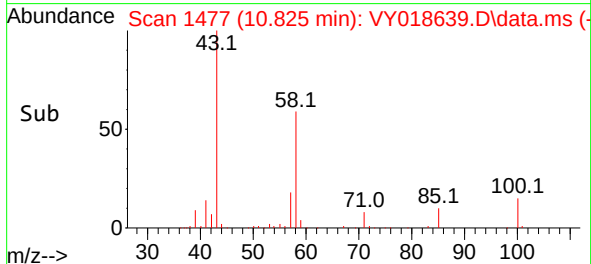
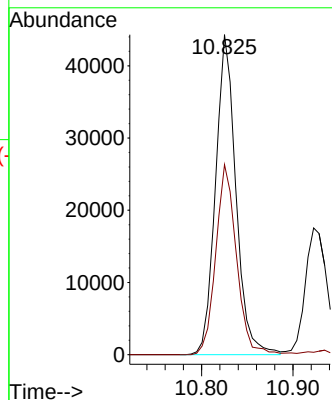
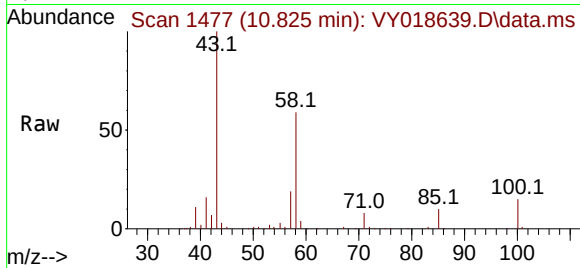




#59
2-Hexanone
Concen: 114.208 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

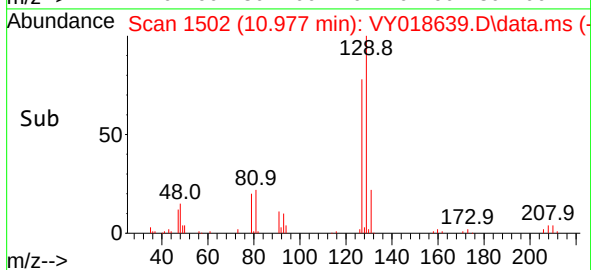
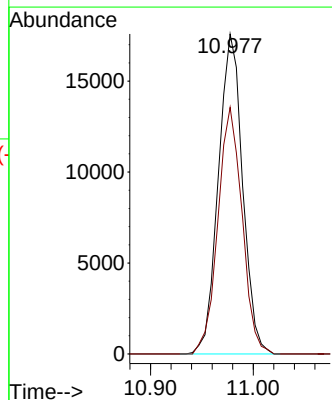
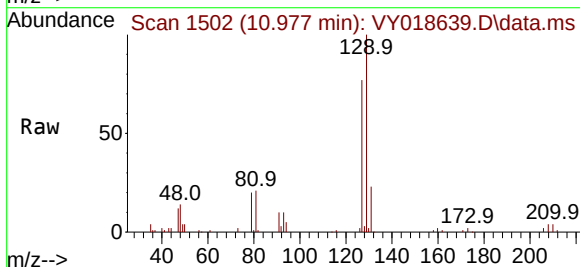
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

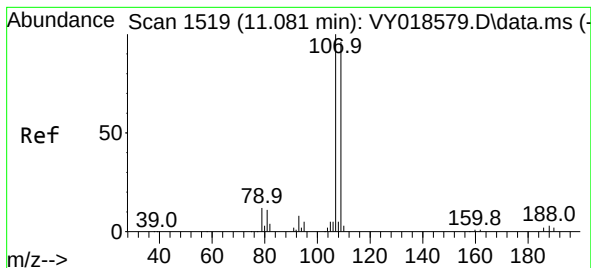
Tgt Ion: 43 Resp: 68693
Ion Ratio Lower Upper
43 100
58 60.3 31.4 94.0



#60
Dibromochloromethane
Concen: 21.381 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 129 Resp: 28720
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.285 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

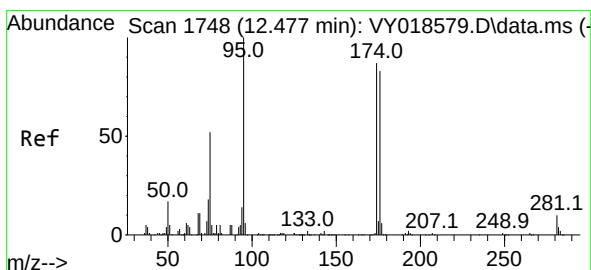
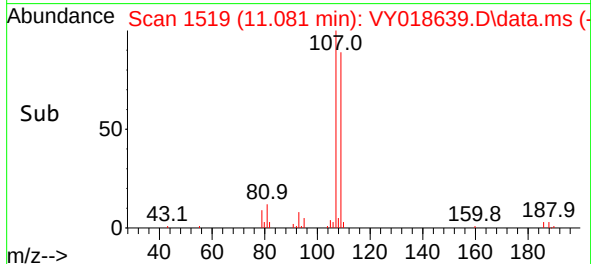
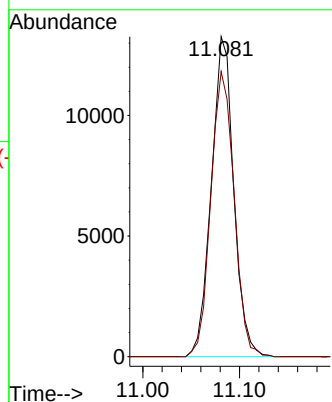
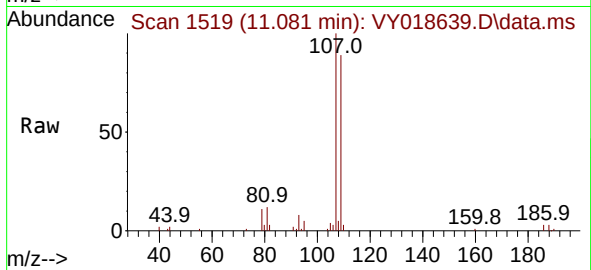
VY0619SBS01

Tgt Ion:107 Resp: 21271

Ion Ratio Lower Upper

107 100

109 92.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.661 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

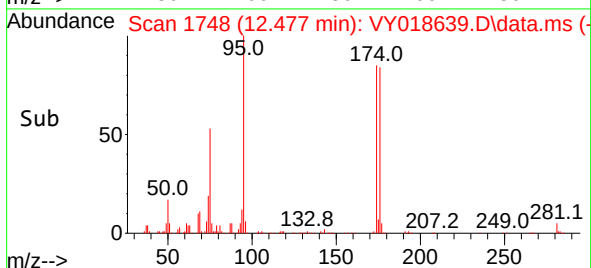
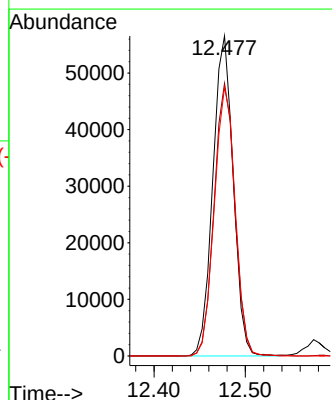
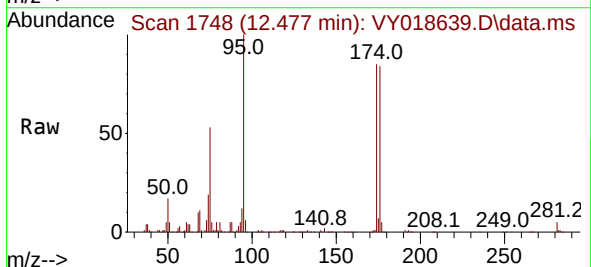
Tgt Ion: 95 Resp: 87712

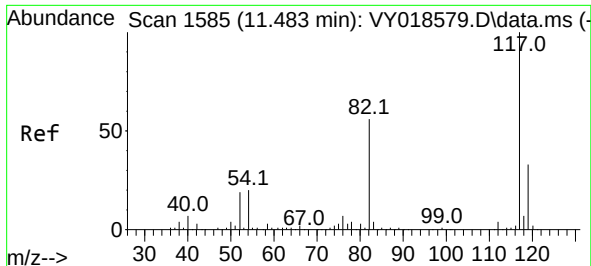
Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

176 85.7 0.0 171.4

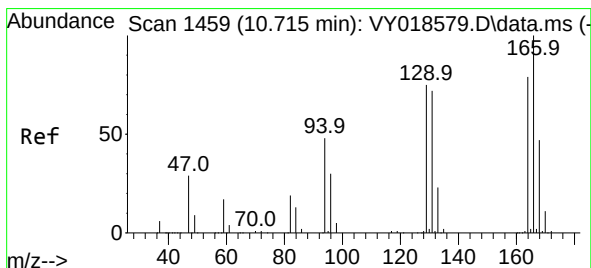
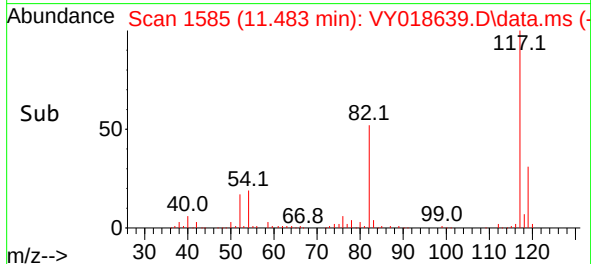
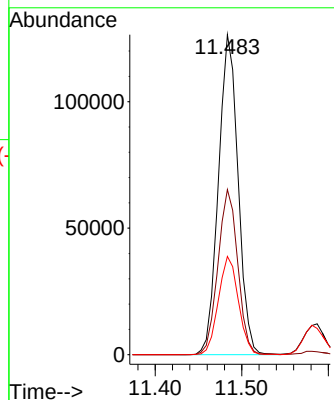
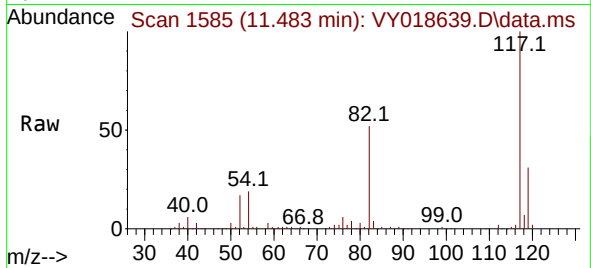




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

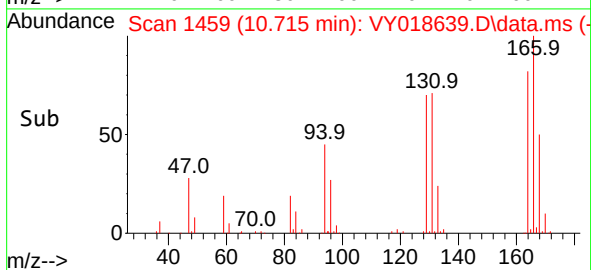
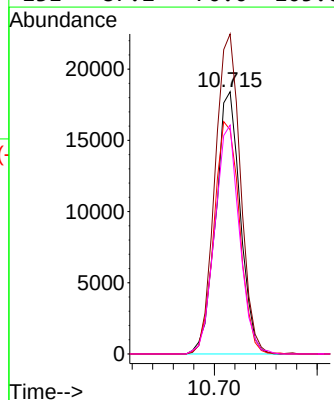
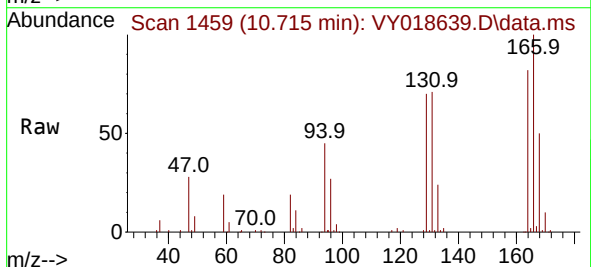
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

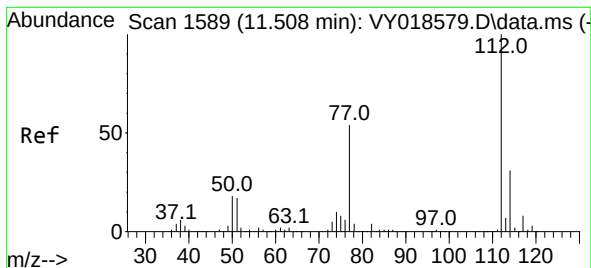
Tgt Ion:117 Resp: 199234
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 30.7 25.9 38.9



#64
Tetrachloroethene
Concen: 21.386 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:164 Resp: 30390
Ion Ratio Lower Upper
164 100
166 122.0 102.6 154.0
129 85.5 72.0 108.0
131 87.2 70.0 105.0





#65

Chlorobenzene

Concen: 20.975 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

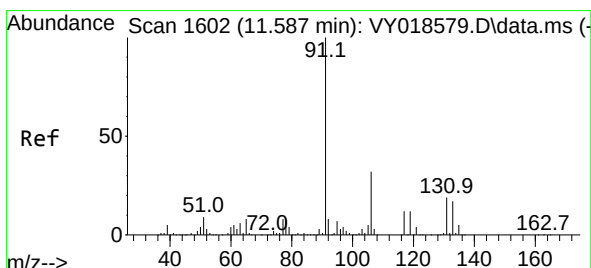
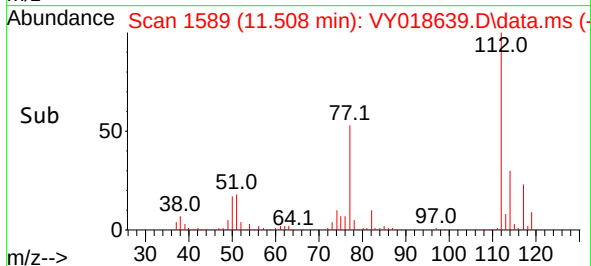
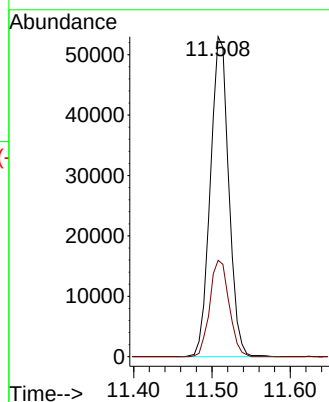
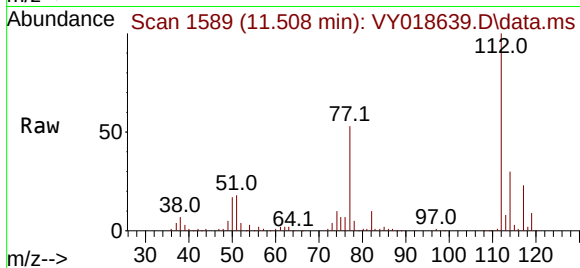
VY0619SBSD01

Tgt Ion:112 Resp: 86326

Ion Ratio Lower Upper

112 100

114 30.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.206 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

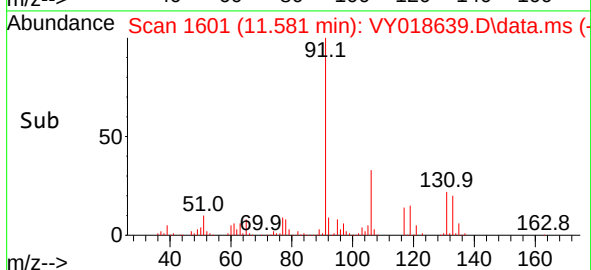
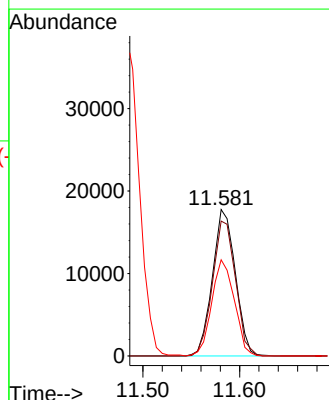
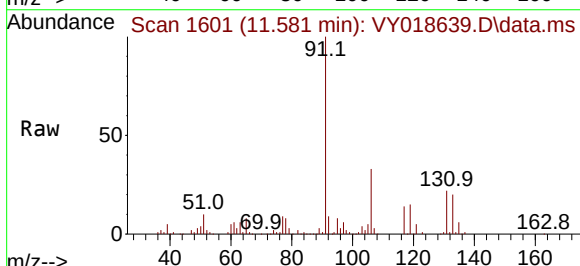
Tgt Ion:131 Resp: 29248

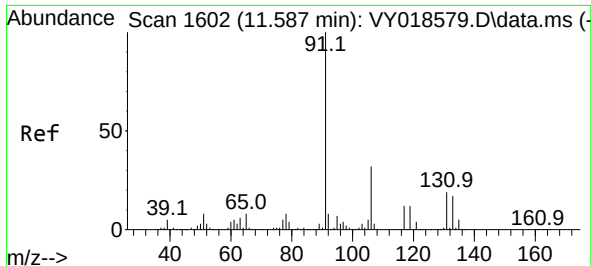
Ion Ratio Lower Upper

131 100

133 92.6 47.8 143.3

119 64.6 34.1 102.2

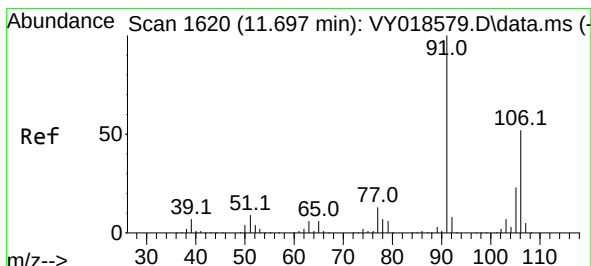
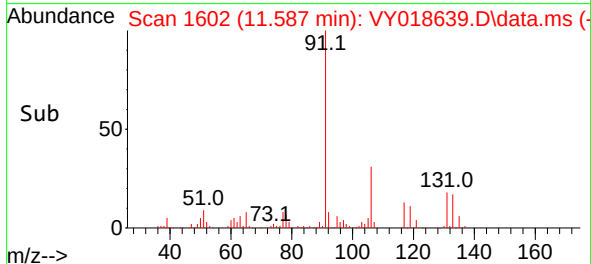
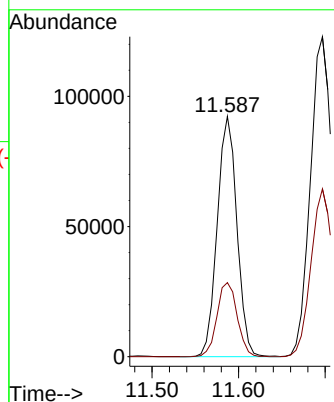
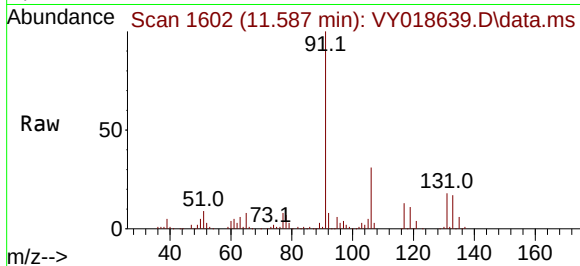




#67
Ethyl Benzene
Concen: 20.388 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

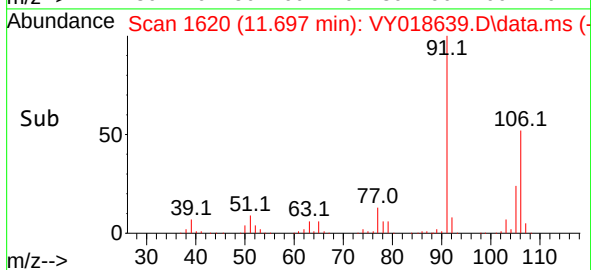
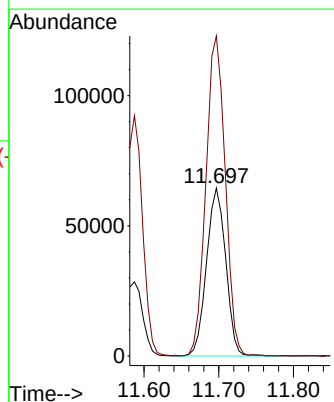
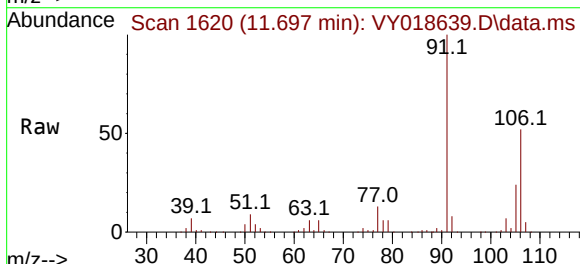
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

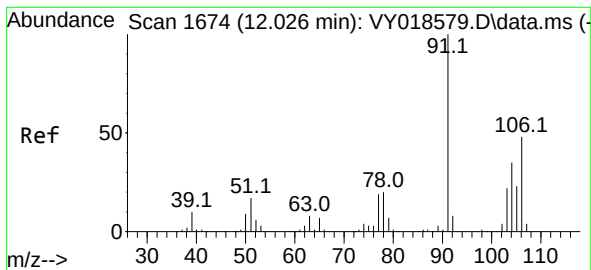
Tgt Ion: 91 Resp: 145596
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 41.416 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:106 Resp: 115087
Ion Ratio Lower Upper
106 100
91 191.4 156.0 234.0

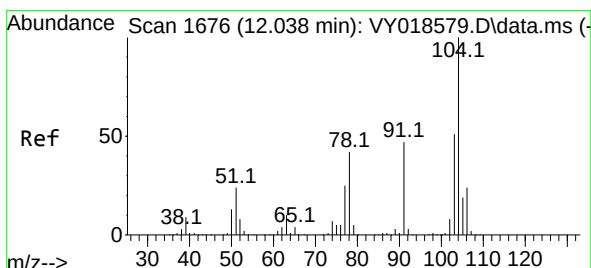
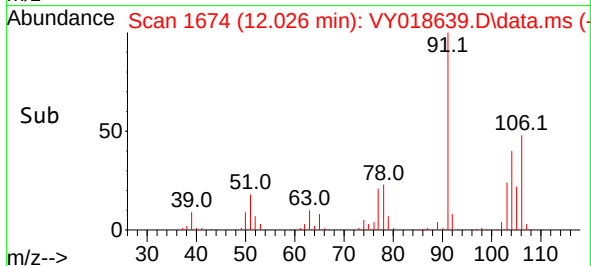
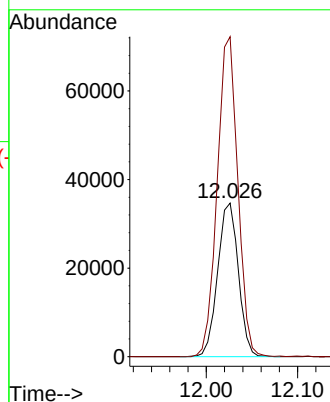
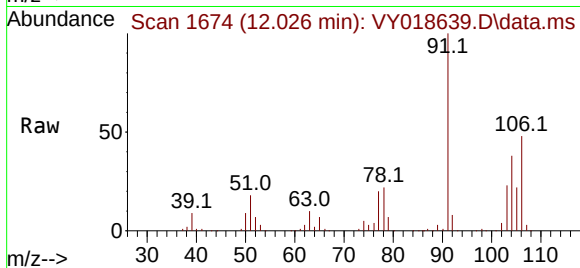




#69
o-Xylene
Concen: 20.421 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

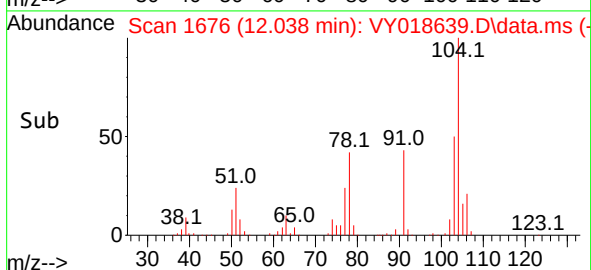
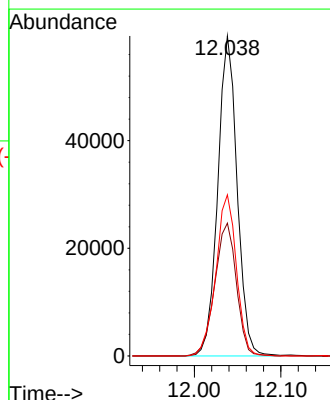
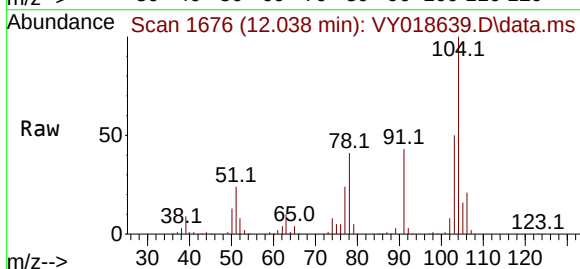
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

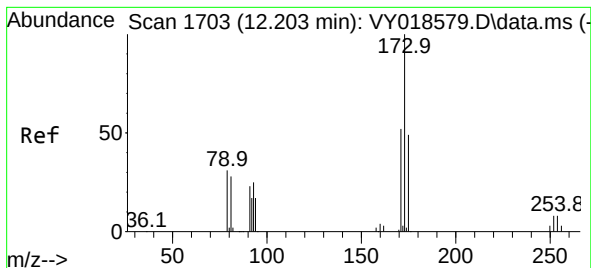
Tgt Ion:106 Resp: 54569
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.8



#70
Styrene
Concen: 20.909 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:104 Resp: 92303
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 53.6 44.2 66.2





#71

Bromoform

Concen: 19.964 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

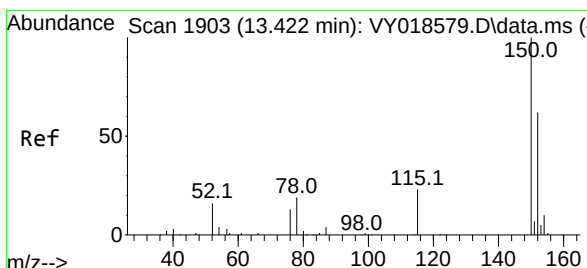
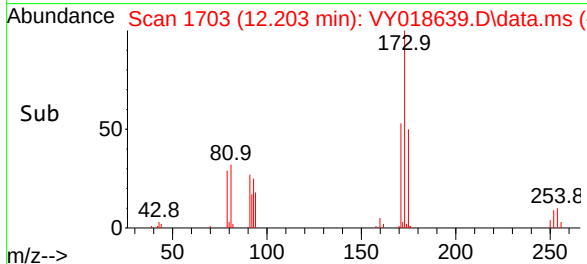
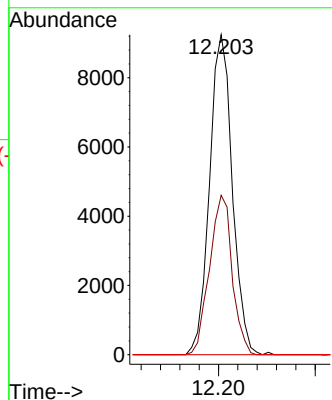
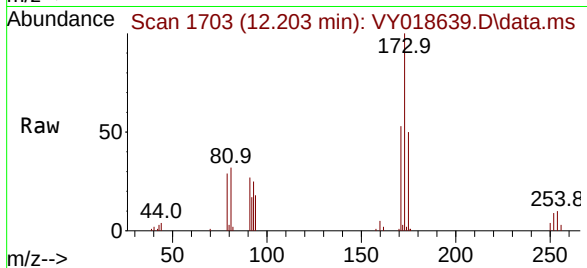
Tgt Ion:173 Resp: 15109

Ion Ratio Lower Upper

173 100

175 49.5 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: VY018639.D

Acq: 19 Jun 2024 12:21

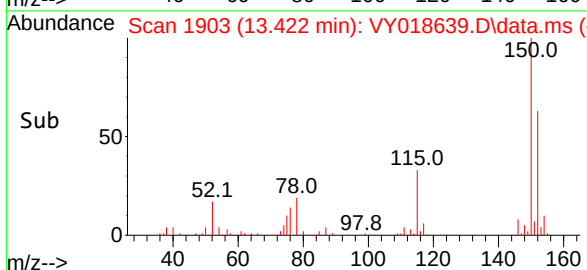
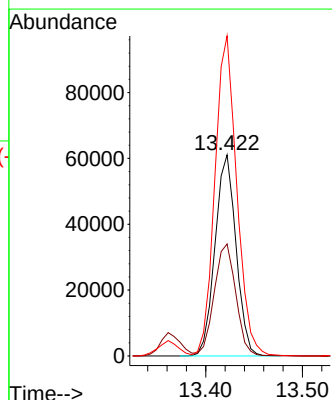
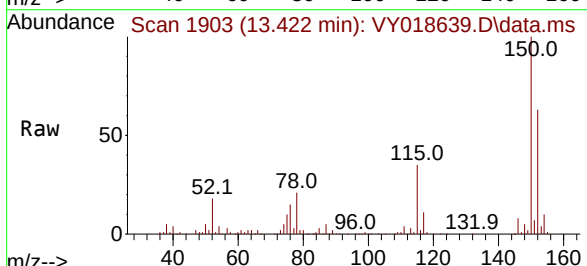
Tgt Ion:152 Resp: 92148

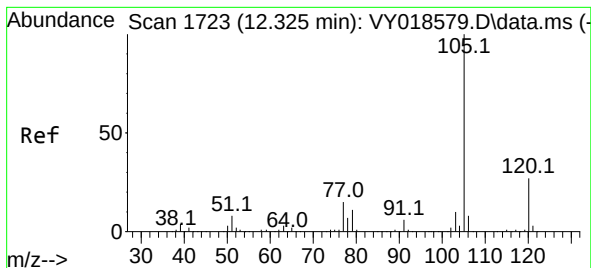
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 165.8 0.0 345.6





#73

Isopropylbenzene

Concen: 21.032 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

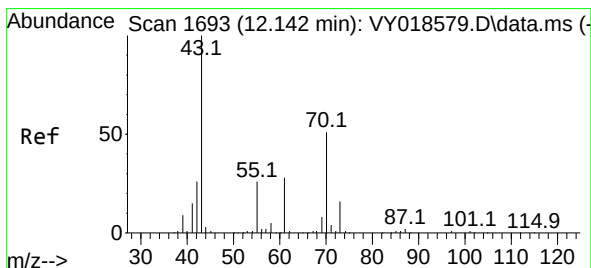
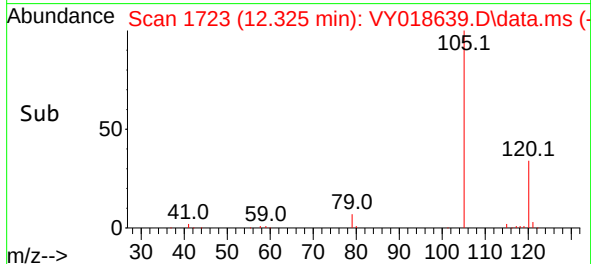
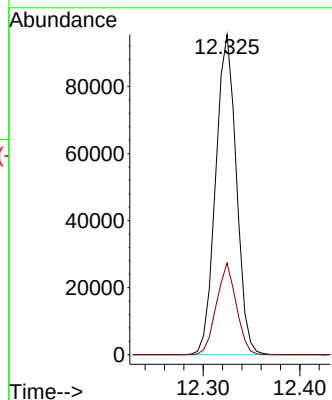
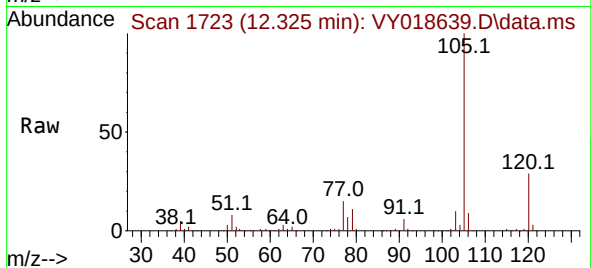
VY0619SBS01

Tgt Ion:105 Resp: 141521

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 22.449 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Tgt Ion: 43 Resp: 30932

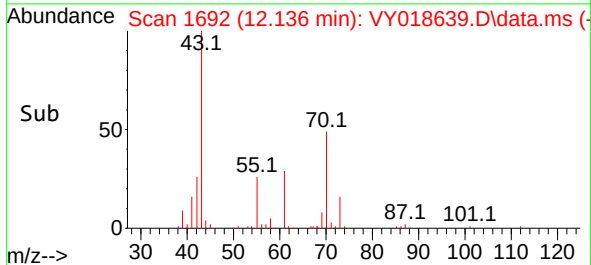
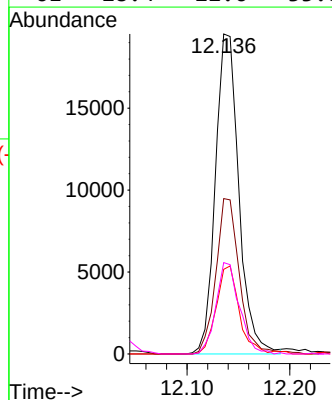
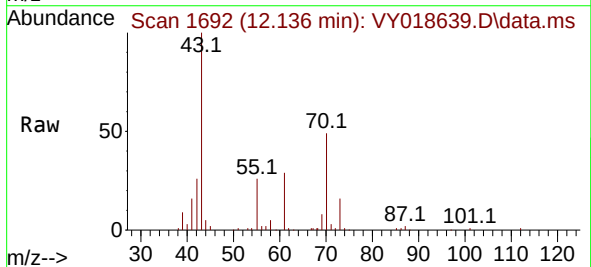
Ion Ratio Lower Upper

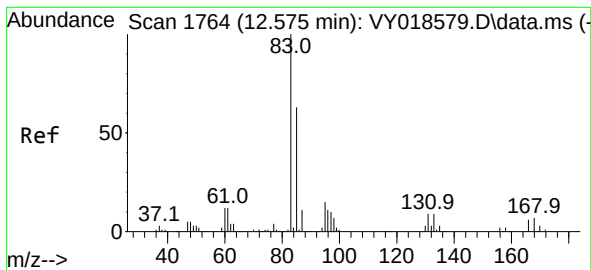
43 100

70 48.8 41.4 62.2

55 27.3 23.3 34.9

61 28.4 22.6 33.8

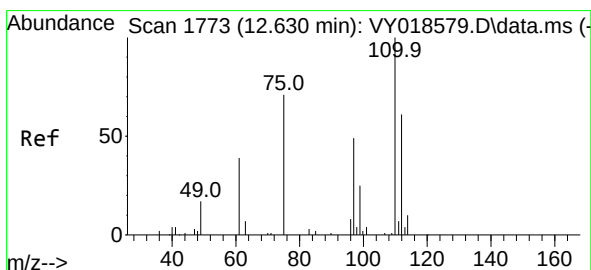
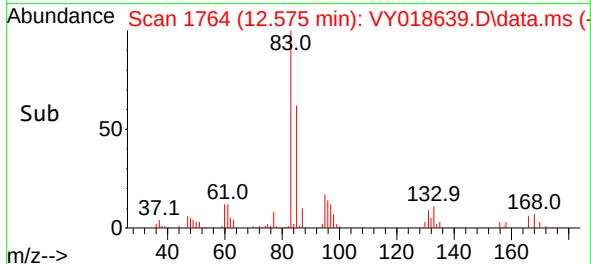
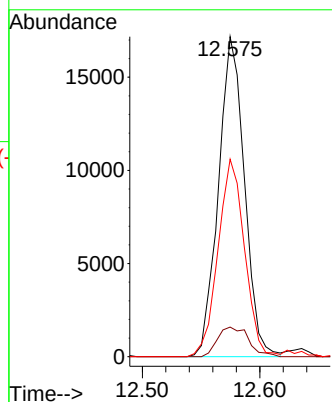
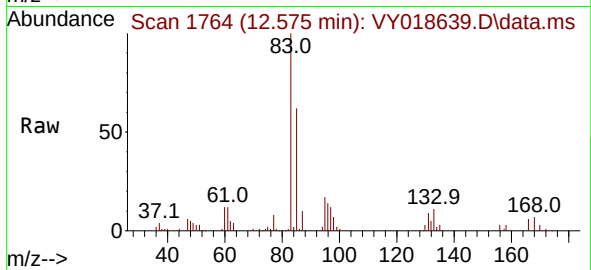




#75
1,1,2,2-Tetrachloroethane
Concen: 22.136 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

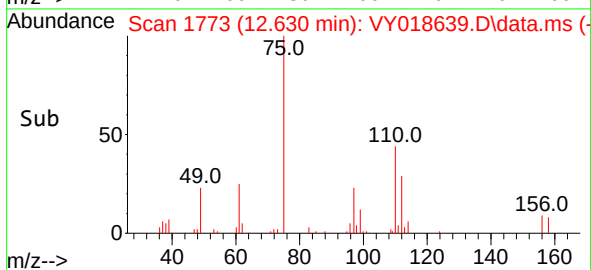
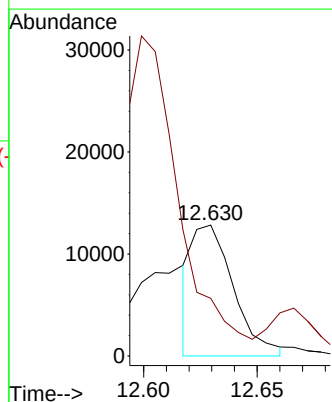
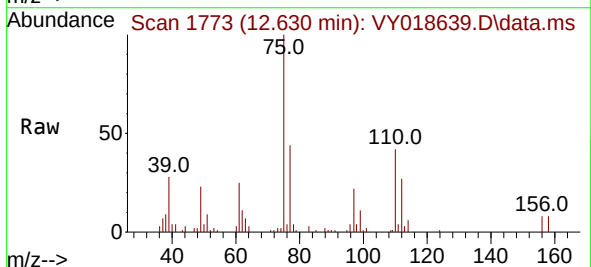
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

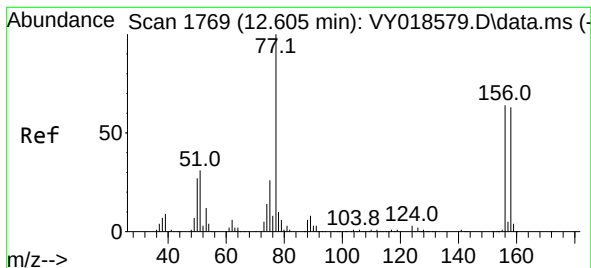
Tgt Ion: 83 Resp: 26448
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 62.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 18.755 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 75 Resp: 16212
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.544 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

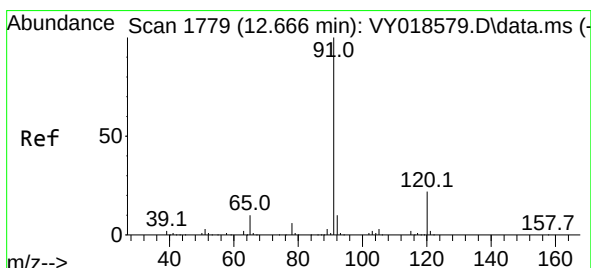
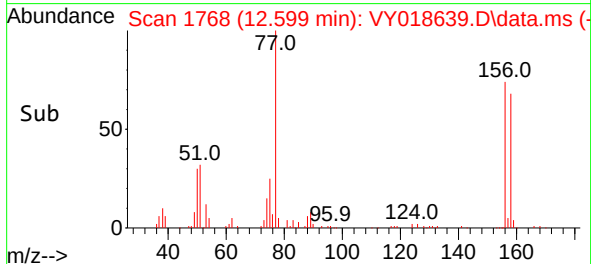
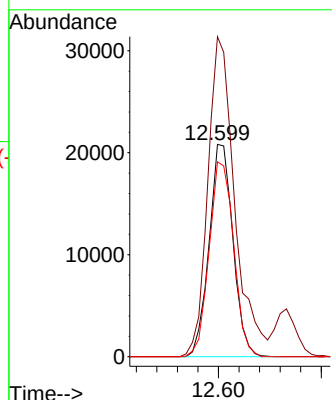
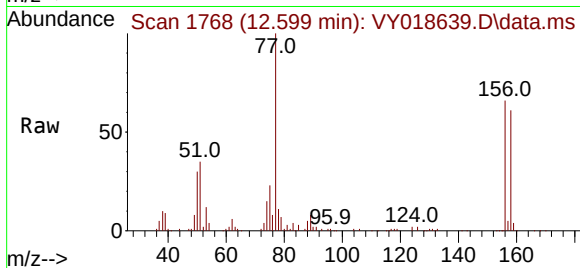
Tgt Ion:156 Resp: 33526

Ion Ratio Lower Upper

156 100

77 169.9 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 21.519 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018639.D

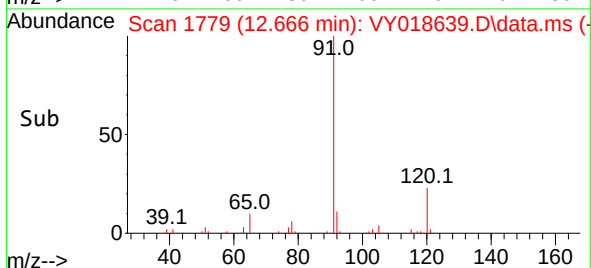
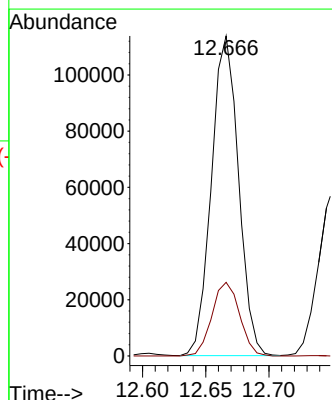
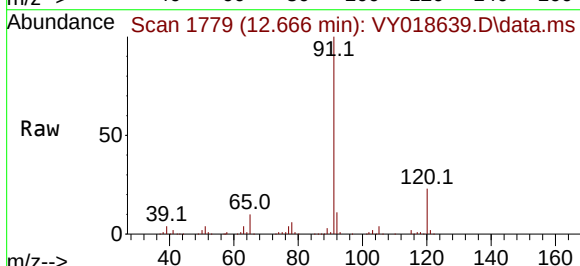
Acq: 19 Jun 2024 12:21

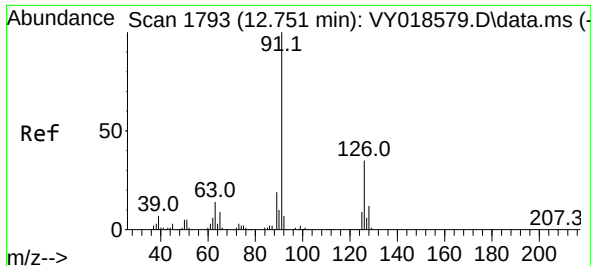
Tgt Ion: 91 Resp: 169463

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

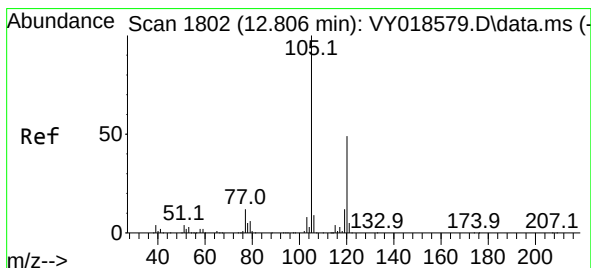
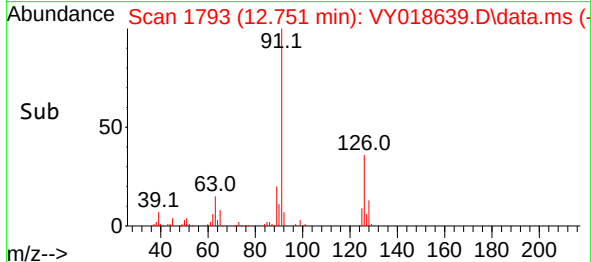
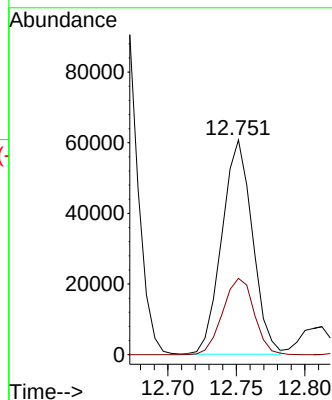
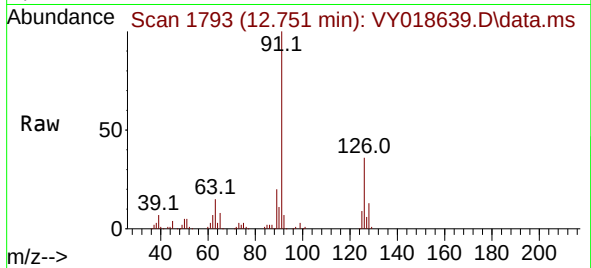




#79
2-Chlorotoluene
Concen: 21.226 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

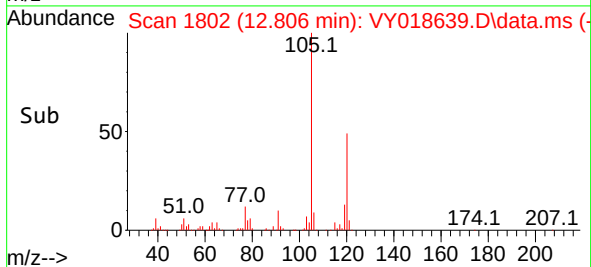
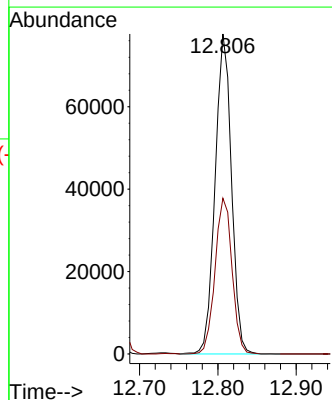
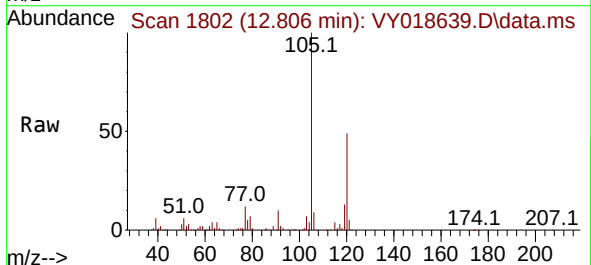
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

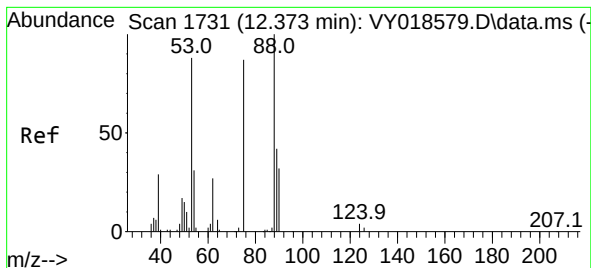
Tgt Ion: 91 Resp: 94355
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.100 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion:105 Resp: 112527
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

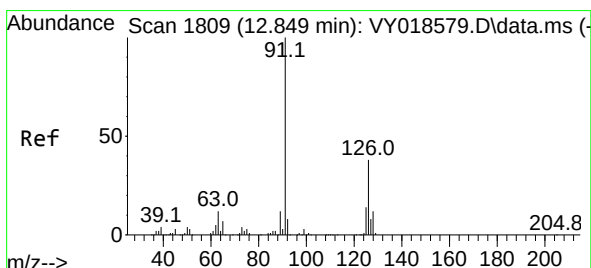
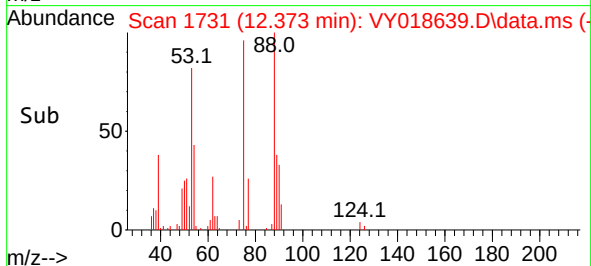
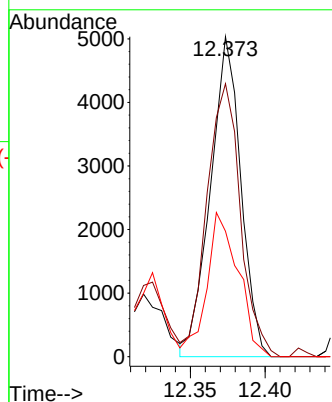
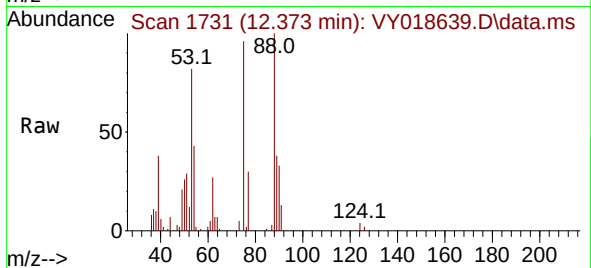




#81
trans-1,4-Dichloro-2-butene
Concen: 21.588 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

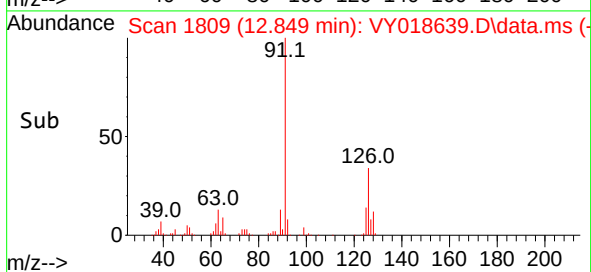
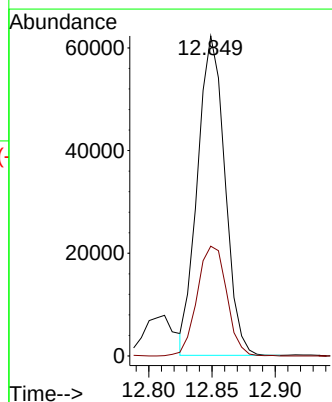
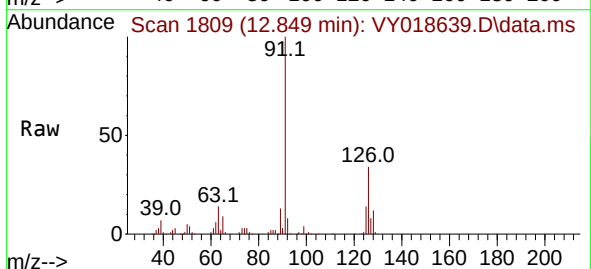
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

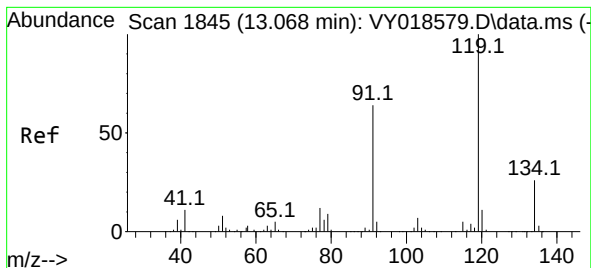
Tgt Ion: 75 Resp: 7124
Ion Ratio Lower Upper
75 100
53 93.8 66.8 100.2
89 46.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.948 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018639.D
Acq: 19 Jun 2024 12:21

Tgt Ion: 91 Resp: 93773
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.196 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBSD01

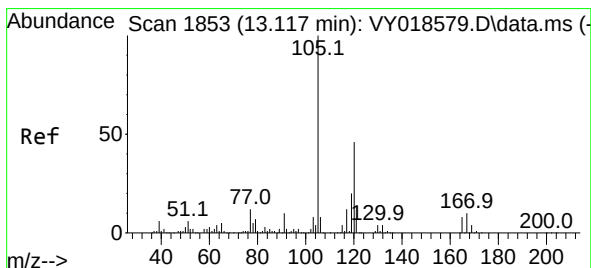
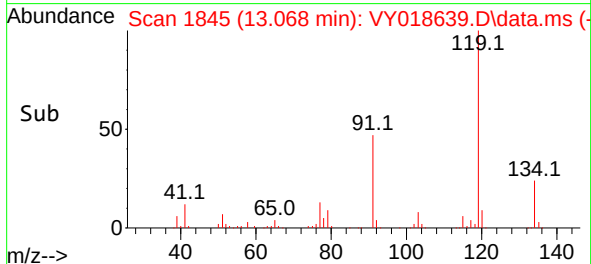
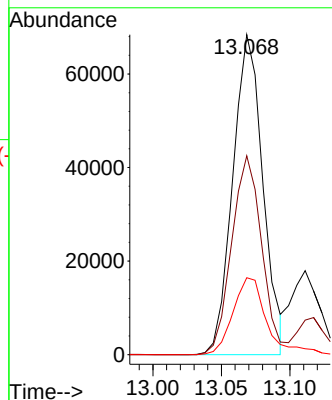
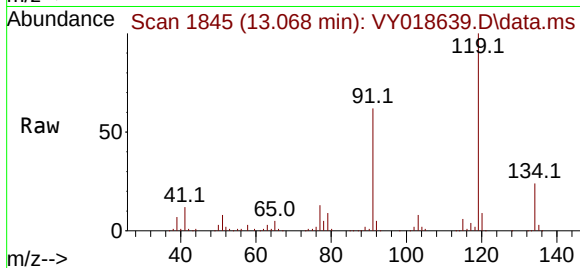
Tgt Ion:119 Resp: 104619

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.102 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018639.D

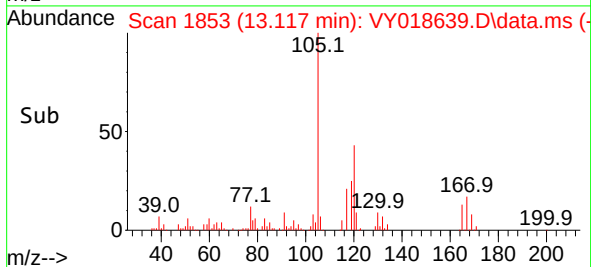
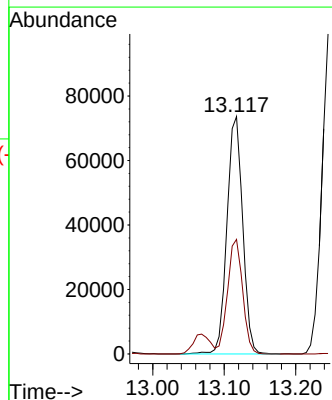
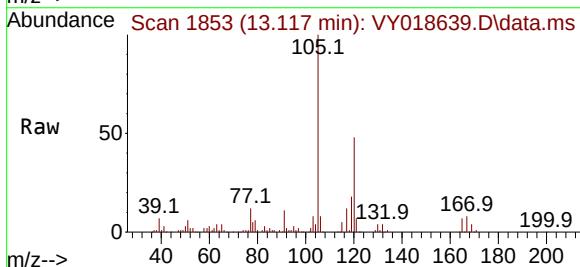
Acq: 19 Jun 2024 12:21

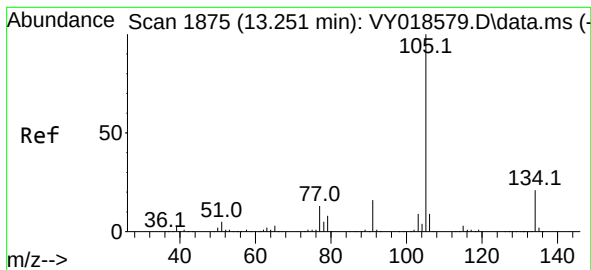
Tgt Ion:105 Resp: 112477

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.184 ug/l

RT: 13.245 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

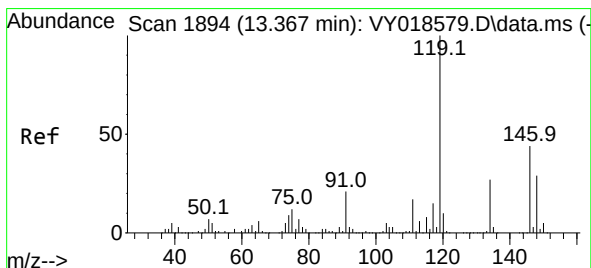
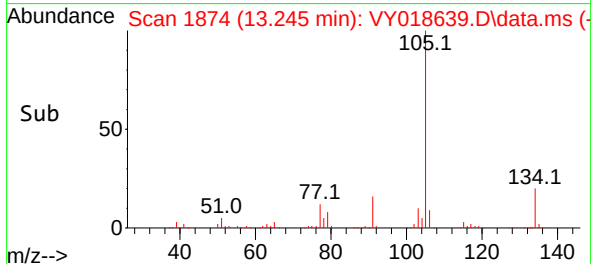
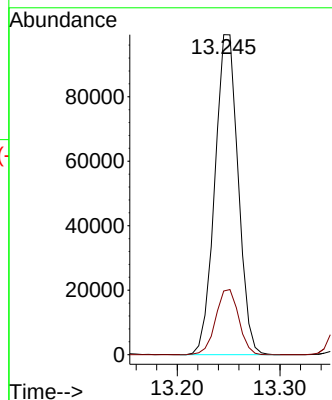
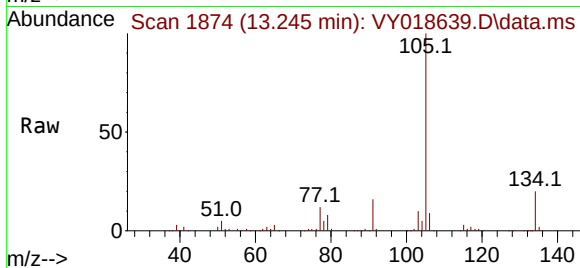
VY0619SBSD01

Tgt Ion:105 Resp: 156165

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.617 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

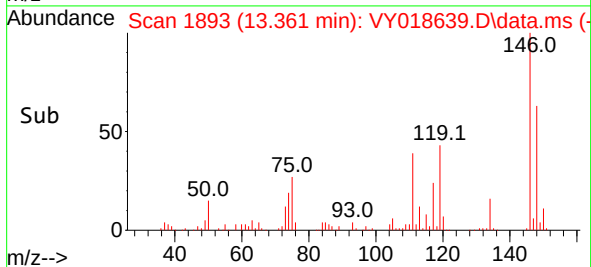
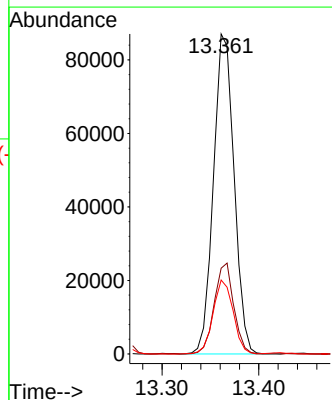
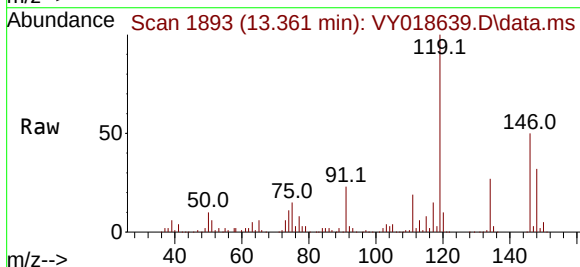
Tgt Ion:119 Resp: 129011

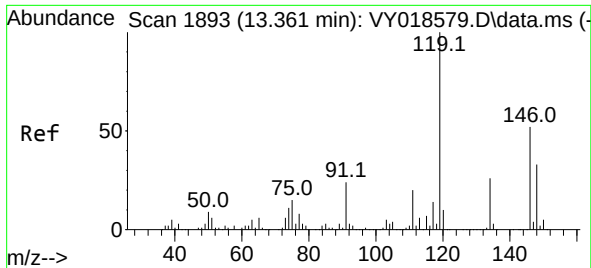
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.5 10.7 32.1

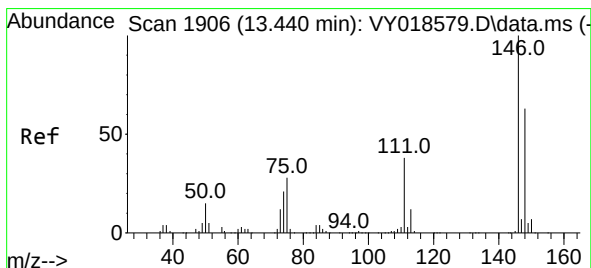
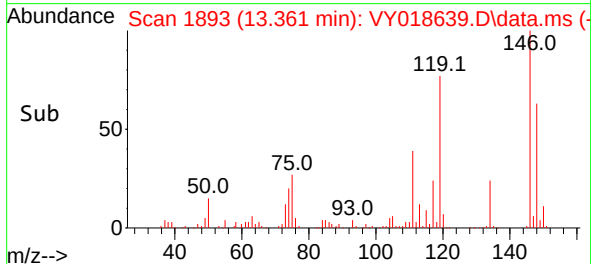
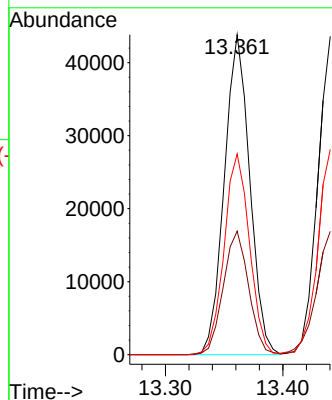
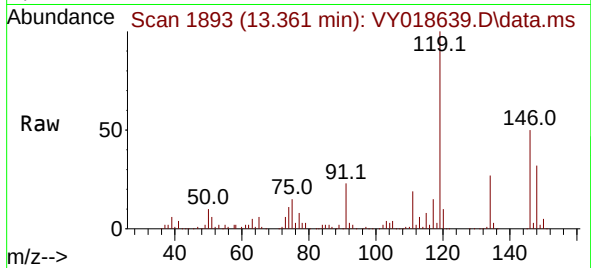




#87
 1,3-Dichlorobenzene
 Concen: 20.997 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

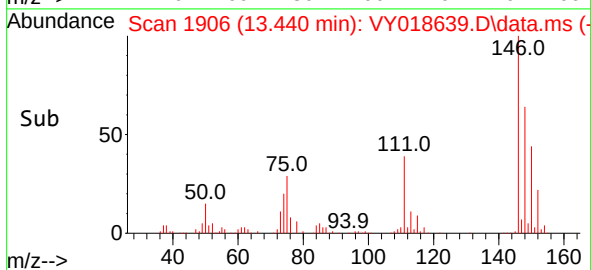
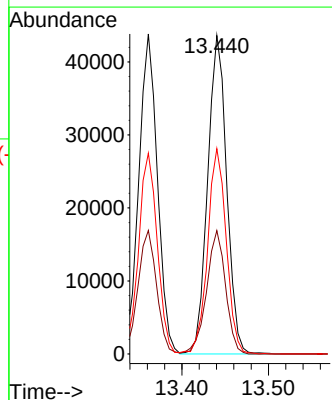
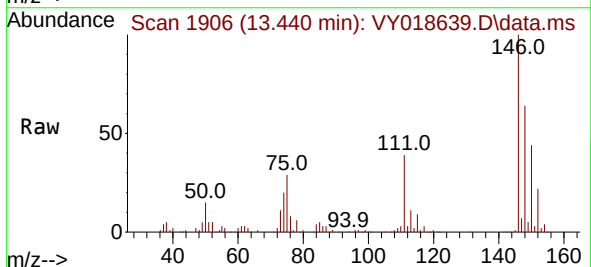
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

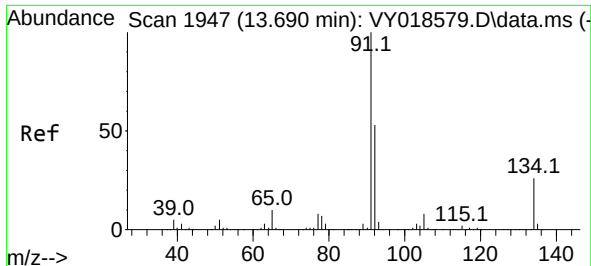
Tgt Ion:146 Resp: 65903
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 62.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.589 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018639.D
 Acq: 19 Jun 2024 12:21

Tgt Ion:146 Resp: 66496
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.4 55.4
 148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 22.412 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

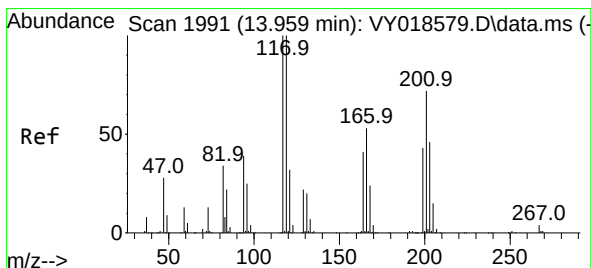
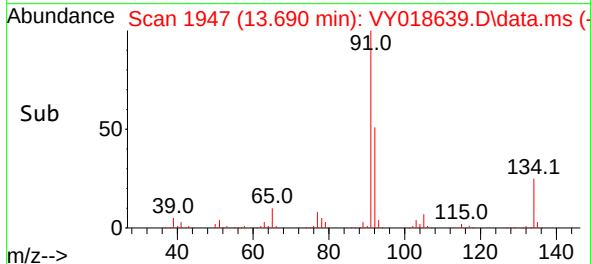
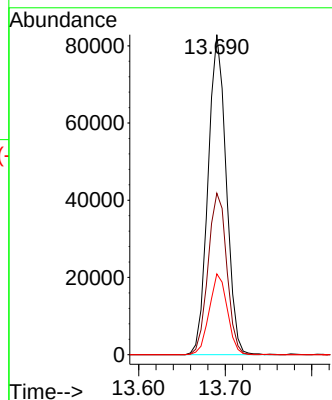
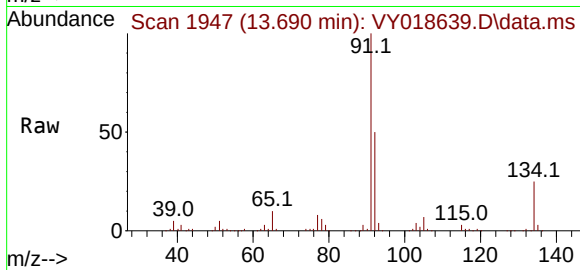
Tgt Ion: 91 Resp: 120557

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 21.279 ug/l

RT: 13.952 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VY018639.D

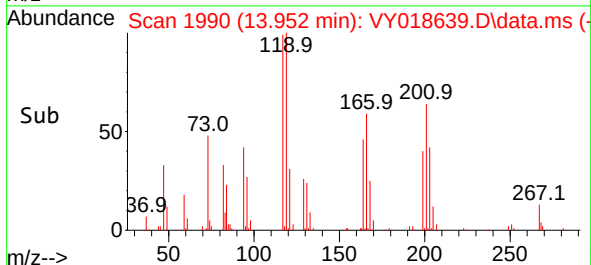
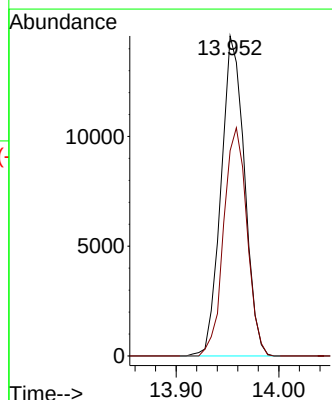
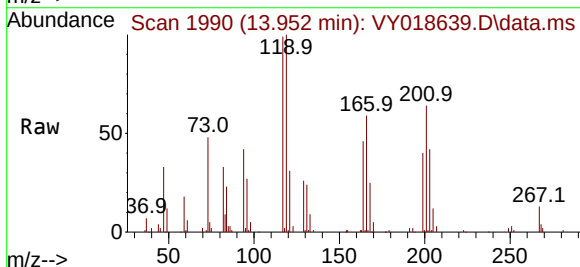
Acq: 19 Jun 2024 12:21

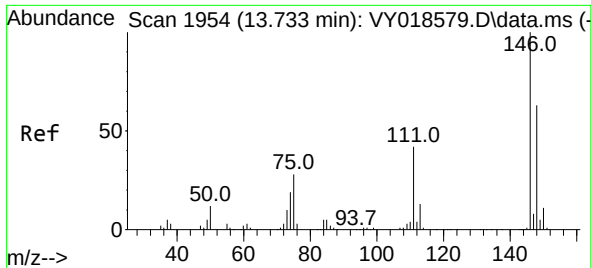
Tgt Ion: 117 Resp: 23070

Ion Ratio Lower Upper

117 100

201 71.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.690 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

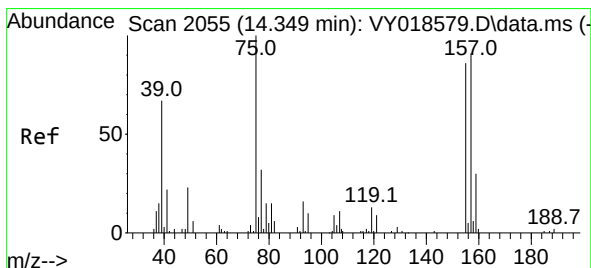
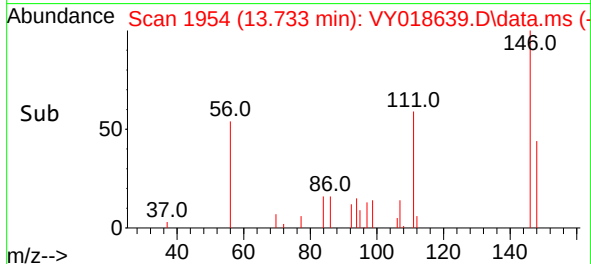
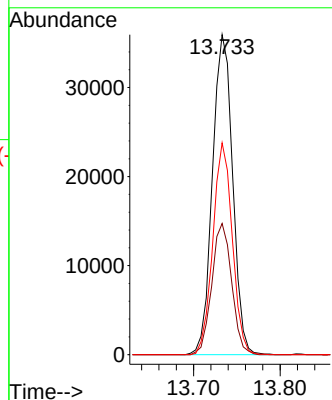
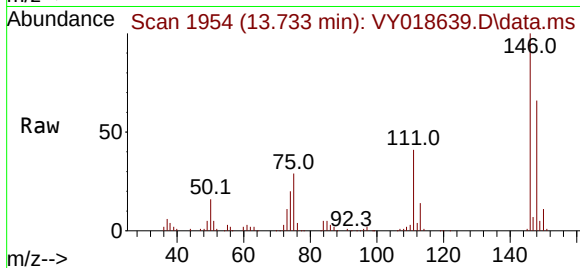
Tgt Ion:146 Resp: 58158

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.473 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

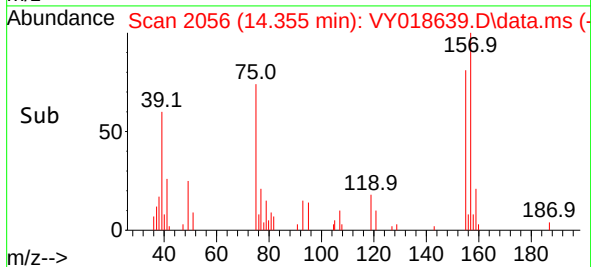
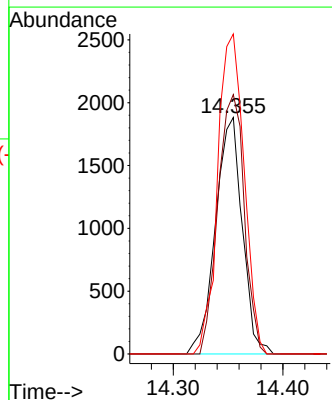
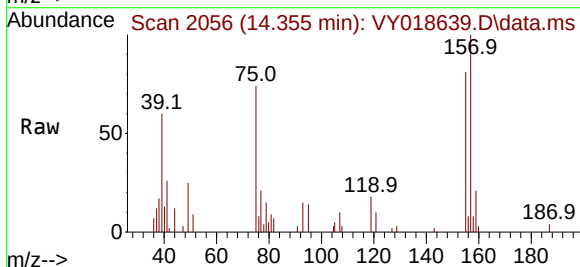
Tgt Ion: 75 Resp: 3196

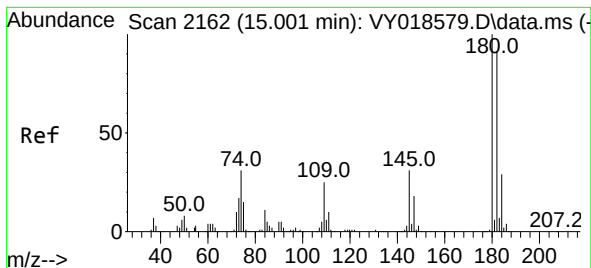
Ion Ratio Lower Upper

75 100

155 107.9 48.6 145.8

157 133.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.167 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

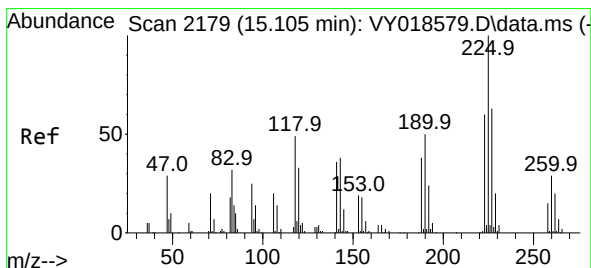
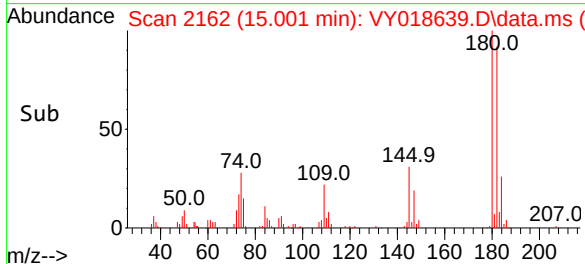
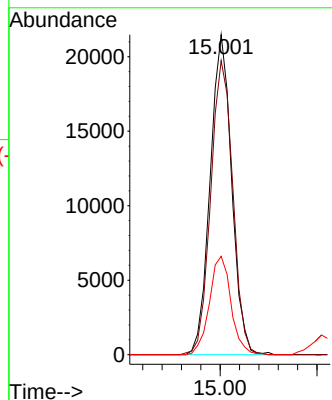
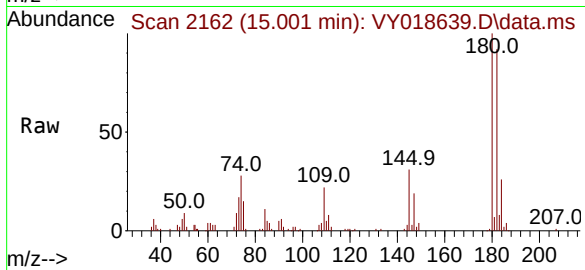
Tgt Ion:180 Resp: 33113

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.625 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

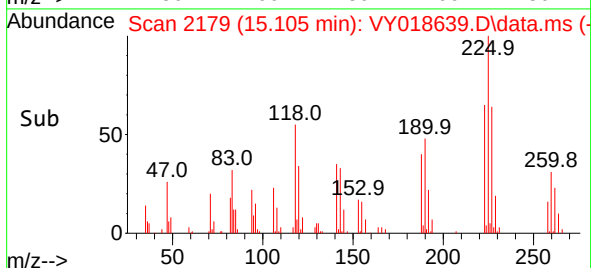
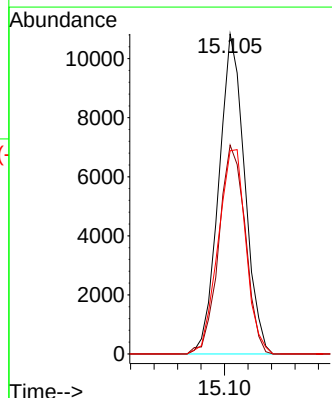
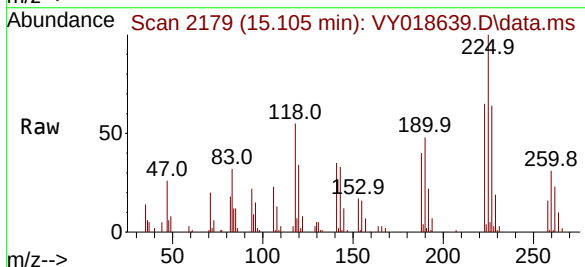
Tgt Ion:225 Resp: 16598

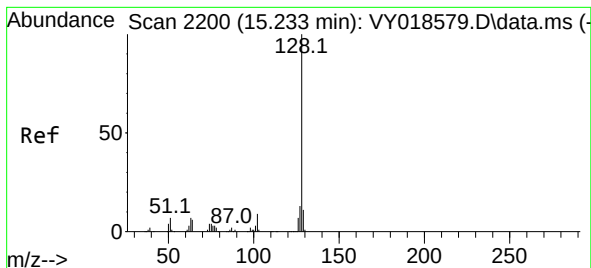
Ion Ratio Lower Upper

225 100

223 66.7 30.4 91.2

227 68.1 31.9 95.9





#95

Naphthalene

Concen: 22.365 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

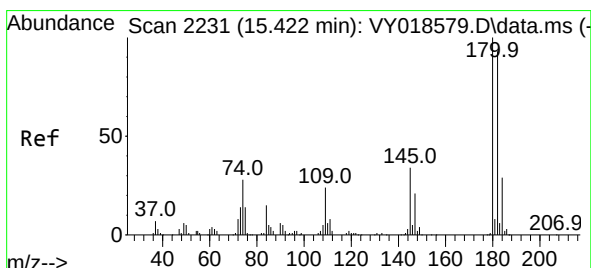
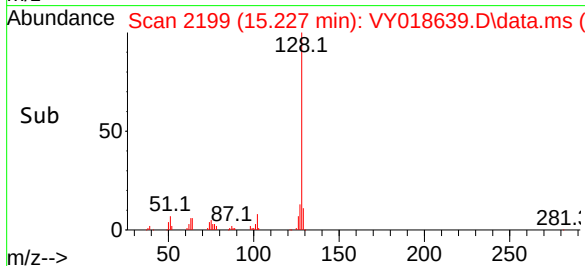
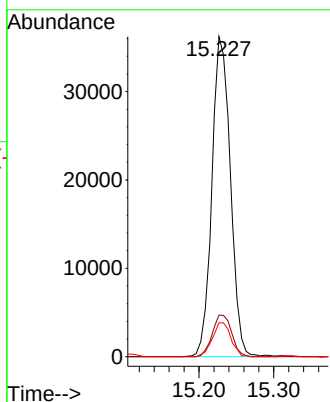
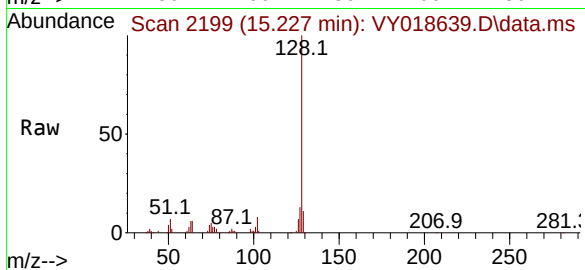
Tgt Ion:128 Resp: 62432

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.595 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018639.D

Acq: 19 Jun 2024 12:21

Tgt Ion:180 Resp: 27256

Ion Ratio Lower Upper

180 100

182 99.3 47.6 142.9

145 35.2 15.4 46.1

