

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010059.D
 Acq On : 17 Aug 2022 11:32
 Operator : KP/MD
 Sample : VY0817SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

Quant Time: Aug 17 14:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49056	49.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.710	113	48286	53.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.300%
50) Toluene-d8	10.179	98	169745	50.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.477	95	71829	61.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17429	21.376	ug/l	100
3) Chloromethane	2.107	50	18772	16.801	ug/l	99
4) Vinyl Chloride	2.247	62	25169	17.766	ug/l	96
5) Bromomethane	2.637	94	22403	19.375	ug/l	95
6) Chloroethane	2.784	64	17839	18.285	ug/l	98
7) Trichlorofluoromethane	3.119	101	33998	20.203	ug/l	100
8) Diethyl Ether	3.527	74	8947	18.983	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	18296	20.502	ug/l	97
10) Methyl Iodide	4.082	142	19755	18.702	ug/l	100
11) Tert butyl alcohol	4.948	59	7961	82.198	ug/l	97
12) 1,1-Dichloroethene	3.863	96	15426	18.888	ug/l	96
13) Acrolein	3.716	56	6272	94.348	ug/l	99
14) Allyl chloride	4.466	41	20797	17.327	ug/l	97
15) Acrylonitrile	5.161	53	21002	94.504	ug/l	98
16) Acetone	3.936	43	20275	95.048	ug/l	94
17) Carbon Disulfide	4.180	76	33619	14.371	ug/l	97
18) Methyl Acetate	4.466	43	10889	18.745	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	43832	19.532	ug/l	97
20) Methylene Chloride	4.704	84	19387	17.453	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	16983	18.081	ug/l	98
22) Diisopropyl ether	6.112	45	49298	20.882	ug/l	97
23) Vinyl Acetate	6.051	43	147668	99.126	ug/l	99
24) 1,1-Dichloroethane	6.009	63	30034	20.032	ug/l	99
25) 2-Butanone	6.972	43	28715	98.399	ug/l	99
26) 2,2-Dichloropropane	6.978	77	31616	20.065	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	20558	19.903	ug/l	94
28) Bromochloromethane	7.319	49	10788	17.291	ug/l	91
29) Tetrahydrofuran	7.344	42	16921	89.270	ug/l	96
30) Chloroform	7.496	83	36084	19.679	ug/l	99
31) Cyclohexane	7.783	56	22701	16.132	ug/l #	92
32) 1,1,1-Trichloroethane	7.691	97	34639	20.840	ug/l	99
36) 1,1-Dichloropropene	7.911	75	23136	18.455	ug/l	96
37) Ethyl Acetate	7.069	43	12236	19.381	ug/l	96
38) Carbon Tetrachloride	7.892	117	32963	21.379	ug/l	99
39) Methylcyclohexane	9.179	83	25750	18.230	ug/l	96
40) Benzene	8.155	78	68411	18.653	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17109	52.465	ug/l #	12
42) 1,2-Dichloroethane	8.228	62	23359	20.440	ug/l	99
43) Isopropyl Acetate	8.270	43	22882	19.095	ug/l	97
44) Trichloroethene	8.935	130	22204	20.030	ug/l	99
45) 1,2-Dichloropropane	9.215	63	16937	19.531	ug/l	99
46) Dibromomethane	9.301	93	11552	20.799	ug/l	99
47) Bromodichloromethane	9.496	83	28163	21.022	ug/l	94
48) Methyl methacrylate	9.289	41	9951	19.084	ug/l	95
49) 1,4-Dioxane	9.289	88	2277	398.747	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	62326	94.271	ug/l	97
52) Toluene	10.240	92	47267	19.996	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	26260	20.353	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	28090	19.904	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	16278	21.219	ug/l	94
56) Ethyl methacrylate	10.508	69	17225	19.427	ug/l	99
57) 1,3-Dichloropropane	10.788	76	24215	19.717	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	41734	108.766	ug/l	97
59) 2-Hexanone	10.831	43	42950	99.006	ug/l	99
60) Dibromochloromethane	10.983	129	22105	21.754	ug/l	100
61) 1,2-Dibromoethane	11.087	107	15423	20.629	ug/l	96
64) Tetrachloroethene	10.715	164	22356	19.795	ug/l	95
65) Chlorobenzene	11.514	112	56003	20.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23146	21.188	ug/l	98
67) Ethyl Benzene	11.593	91	89646	19.394	ug/l	95
68) m/p-Xylenes	11.697	106	77551	42.235	ug/l	94
69) o-Xylene	12.026	106	35966	20.966	ug/l	95
70) Styrene	12.044	104	60454	20.884	ug/l	100
71) Bromoform	12.203	173	15023	21.952	ug/l #	98
73) Isopropylbenzene	12.331	105	95501	20.265	ug/l	97
74) N-amyl acetate	12.142	43	18602	17.326	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	19915	21.258	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	25213	35.278	ug/l #	100
77) Bromobenzene	12.605	156	27549	22.005	ug/l	93
78) n-propylbenzene	12.672	91	120286	20.704	ug/l	97
79) 2-Chlorotoluene	12.757	91	68986	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	87886	21.407	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	5844	18.479	ug/l	96
82) 4-Chlorotoluene	12.855	91	70313	20.458	ug/l	97
83) tert-Butylbenzene	13.074	119	73768	20.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	85242	21.147	ug/l	100
85) sec-Butylbenzene	13.251	105	108286	20.551	ug/l	97
86) p-Isopropyltoluene	13.367	119	94182	20.856	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53447	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53221	20.678	ug/l	99
89) n-Butylbenzene	13.696	91	78634	19.545	ug/l	98
90) Hexachloroethane	13.958	117	17928	19.586	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	46570	20.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3077	19.109	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	27606	20.379	ug/l	98
94) Hexachlorobutadiene	15.111	225	18627	21.487	ug/l	98
95) Naphthalene	15.239	128	46055	19.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23502	19.712	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

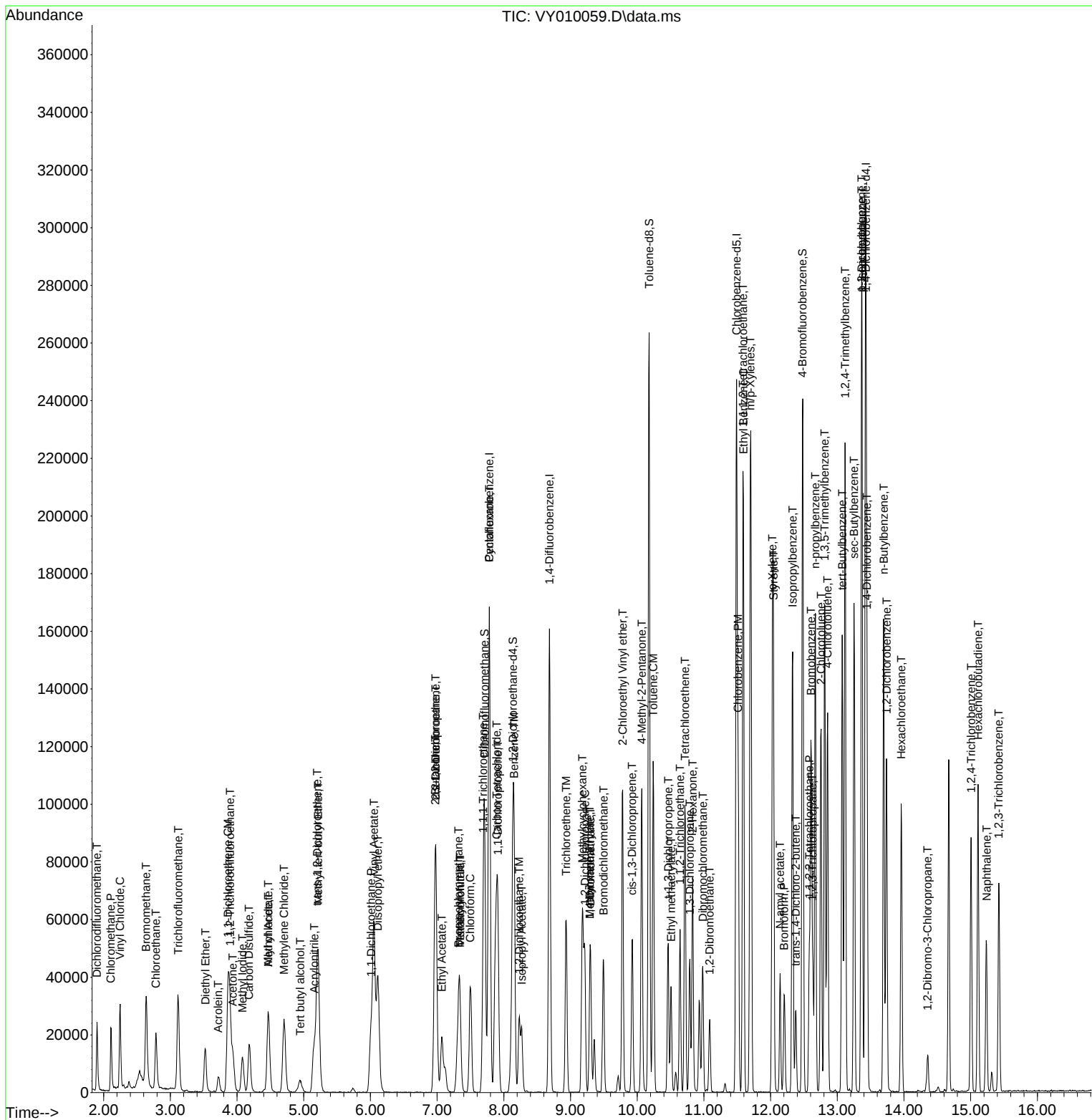
Quant Time: Aug 17 14:56:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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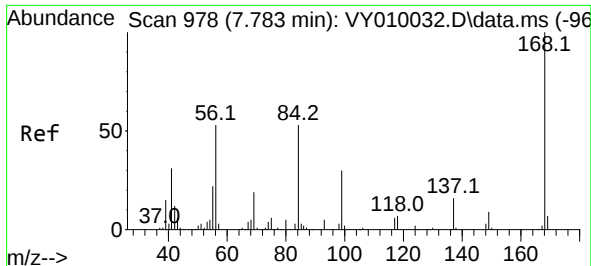
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

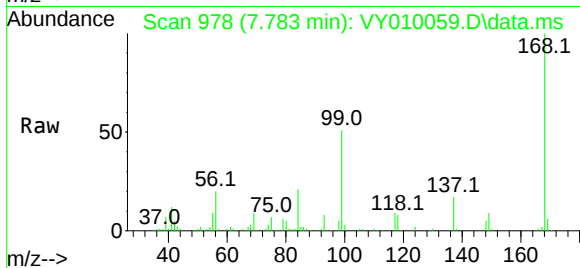
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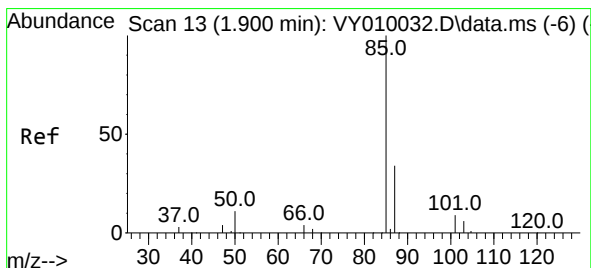
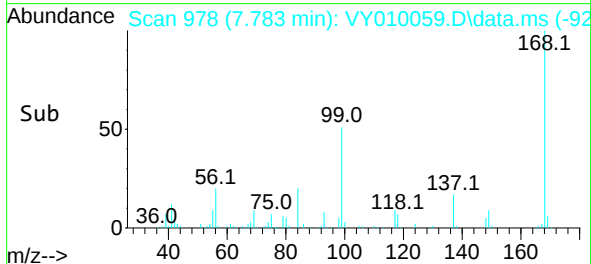
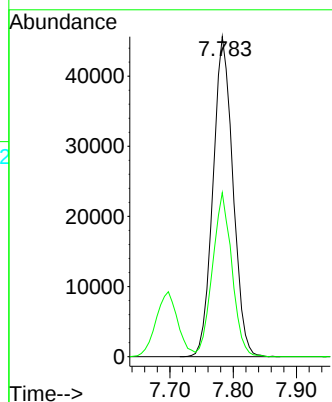


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010059.D
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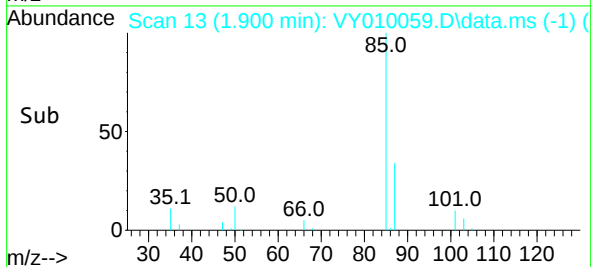
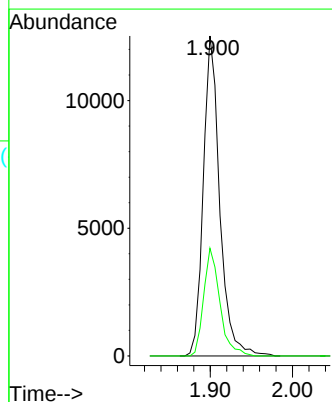
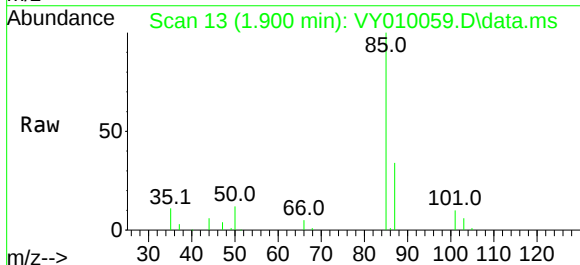


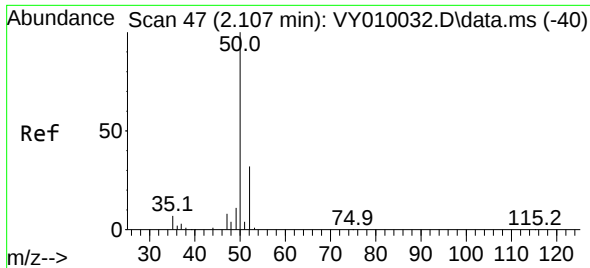
Tgt Ion:168 Resp: 99604
Ion Ratio Lower Upper
168 100
99 51.2 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 21.376 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 85 Resp: 17429
Ion Ratio Lower Upper
85 100
87 33.6 16.9 50.7

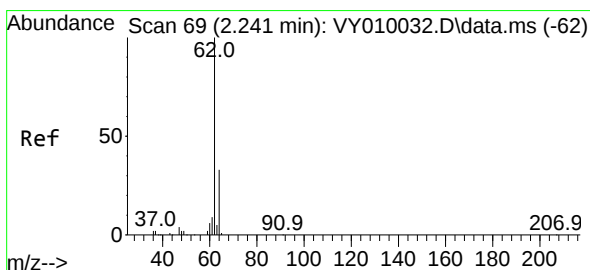
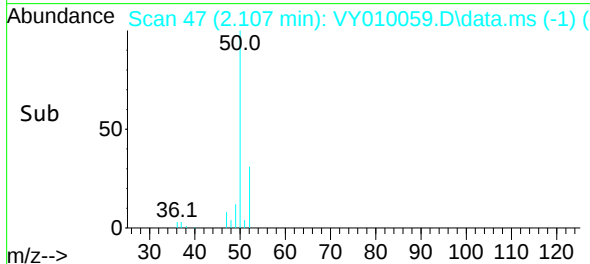
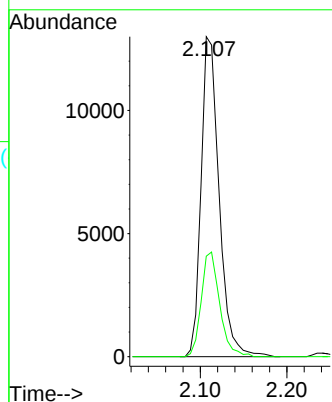
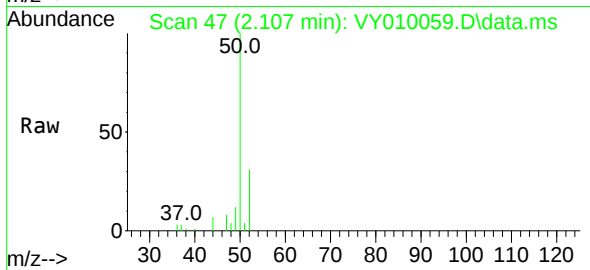




#3
Chloromethane
Concen: 16.801 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

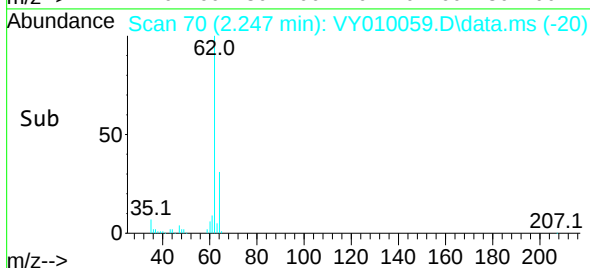
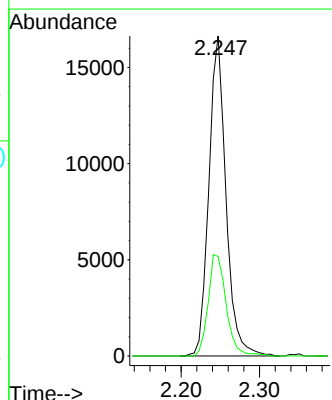
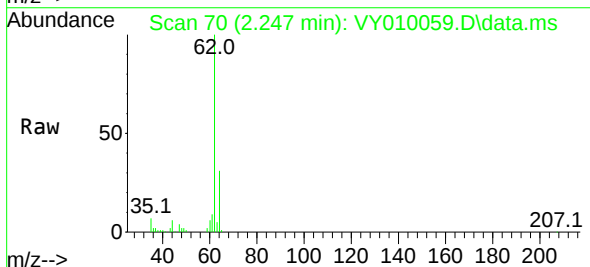
Instrument :
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ClientSampleId :
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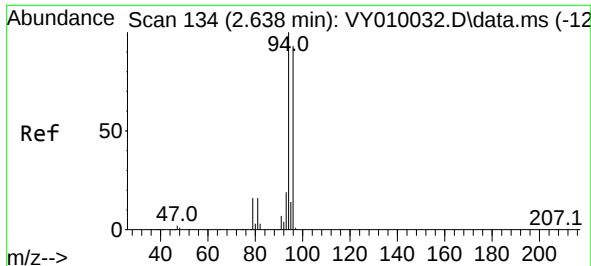
Tgt Ion: 50 Resp: 18772
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3



#4
Vinyl Chloride
Concen: 17.766 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 62 Resp: 25169
Ion Ratio Lower Upper
62 100
64 31.1 26.6 39.8

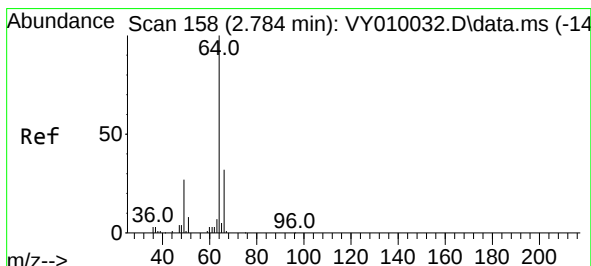
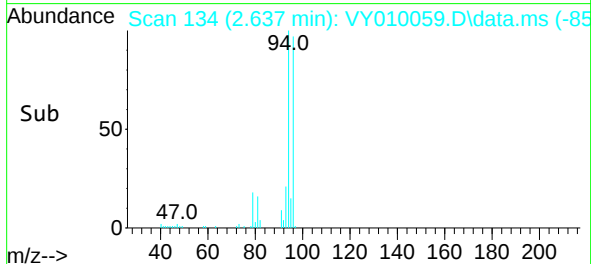
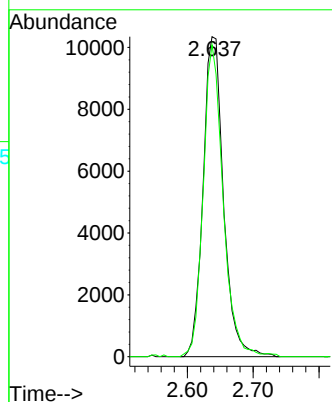
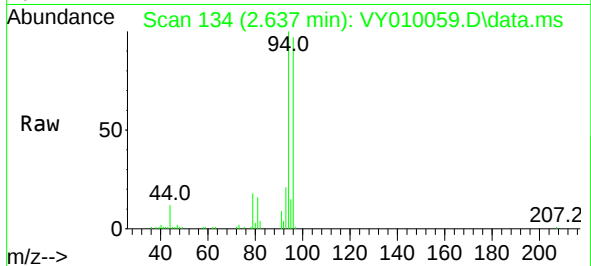




#5
Bromomethane
Concen: 19.375 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

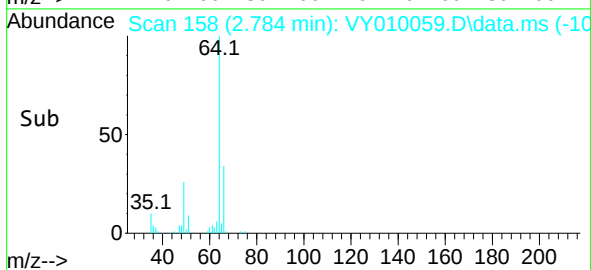
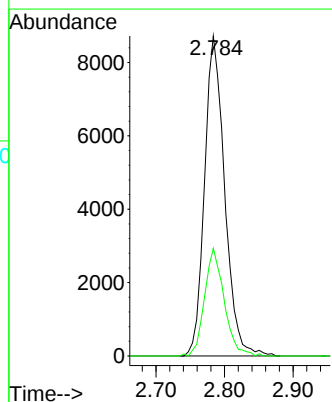
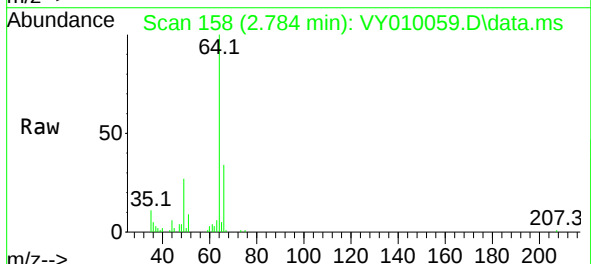
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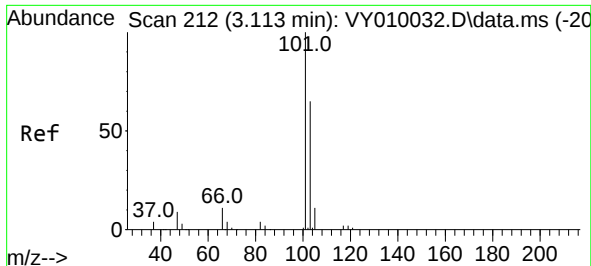
Tgt Ion: 94 Resp: 22403
Ion Ratio Lower Upper
94 100
96 97.5 74.2 111.2



#6
Chloroethane
Concen: 18.285 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 64 Resp: 17839
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0

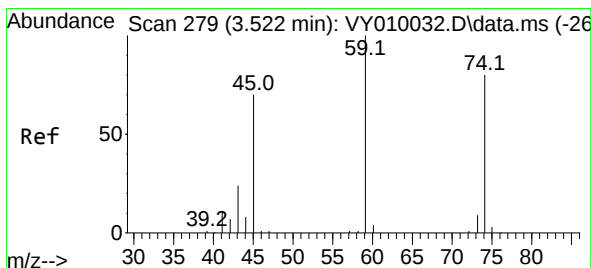
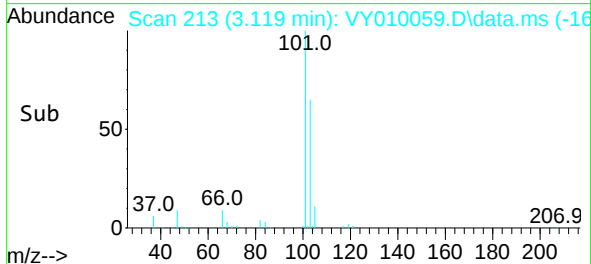
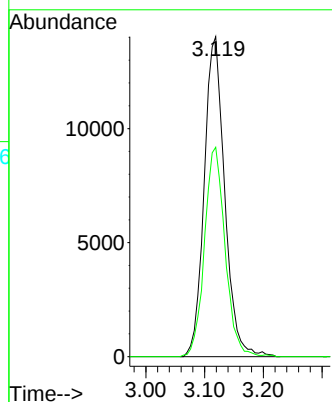
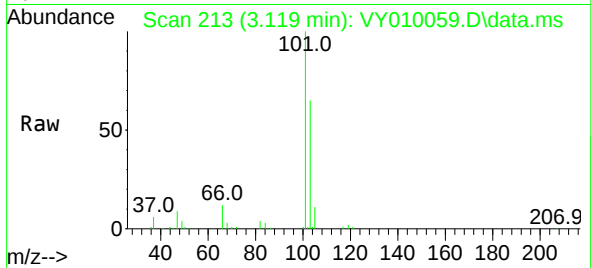




#7
 Trichlorofluoromethane
 Concen: 20.203 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

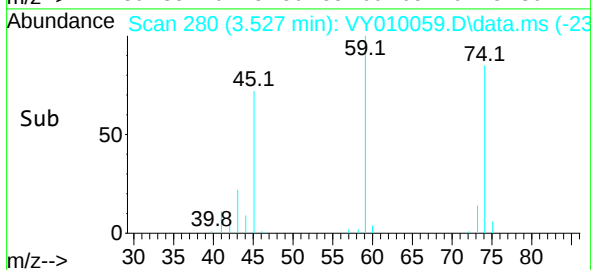
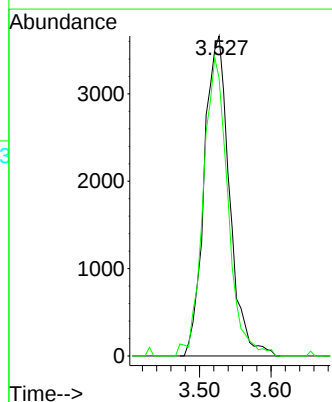
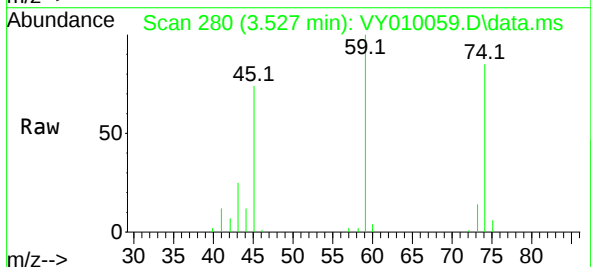
Instrument :
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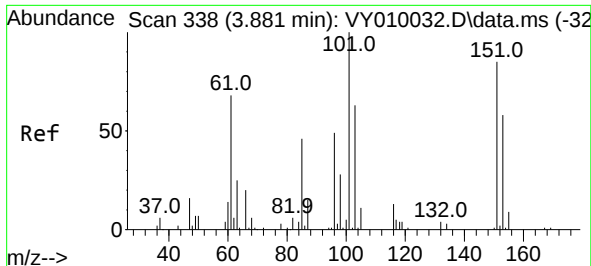
Tgt Ion:101 Resp: 33998
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1



#8
 Diethyl Ether
 Concen: 18.983 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.005 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

Tgt Ion: 74 Resp: 8947
 Ion Ratio Lower Upper
 74 100
 45 91.6 46.4 139.1

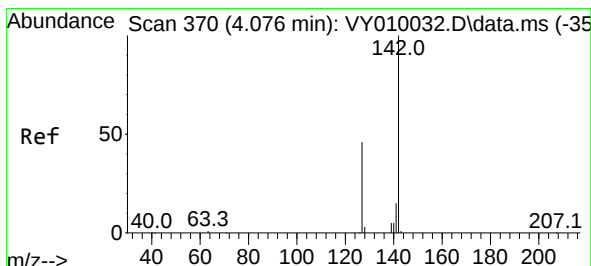
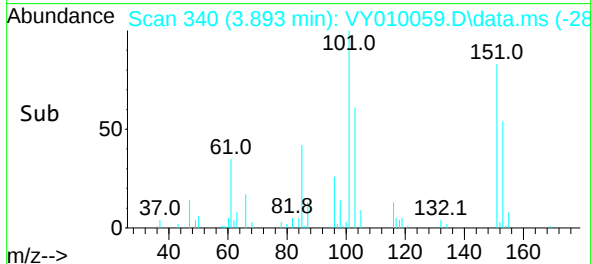
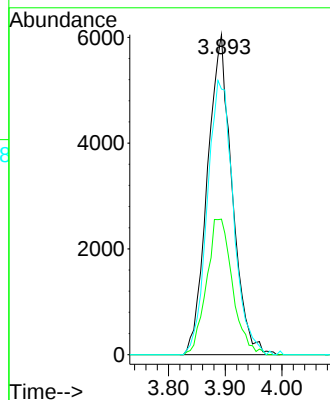
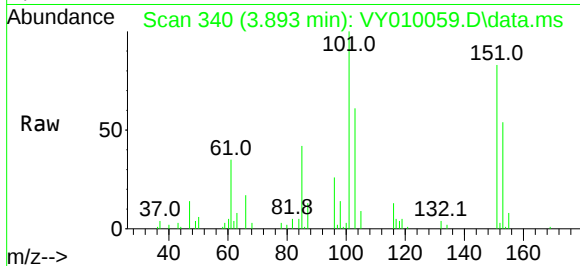




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.502 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

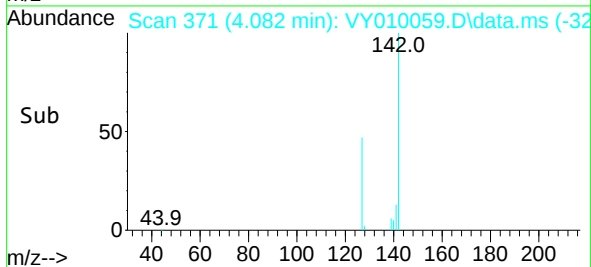
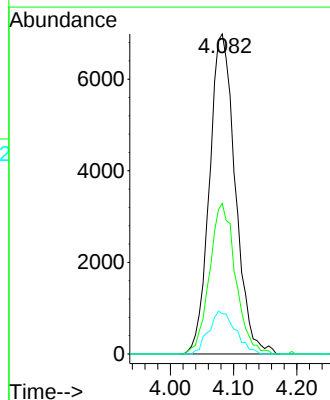
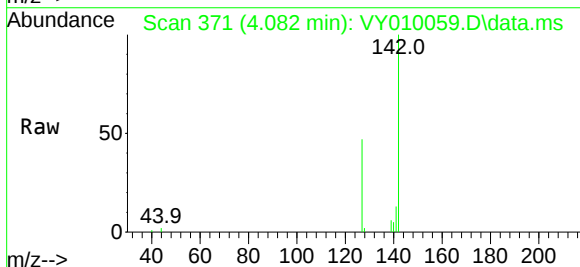
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

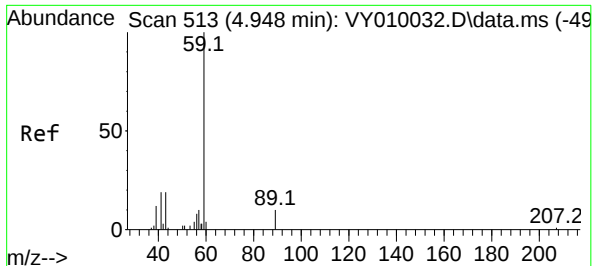
Tgt Ion:101 Resp: 18296
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 90.5 68.6 102.8



#10
Methyl Iodide
Concen: 18.702 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion:142 Resp: 19755
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.198 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

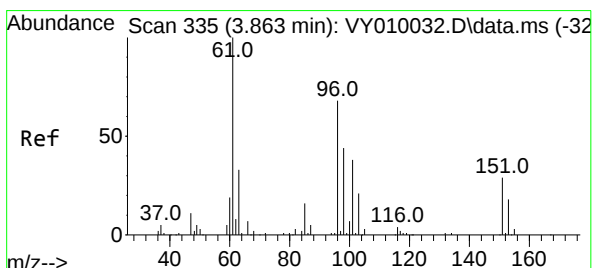
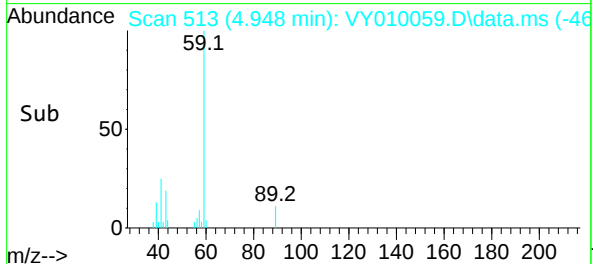
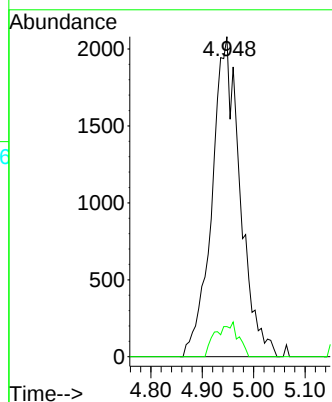
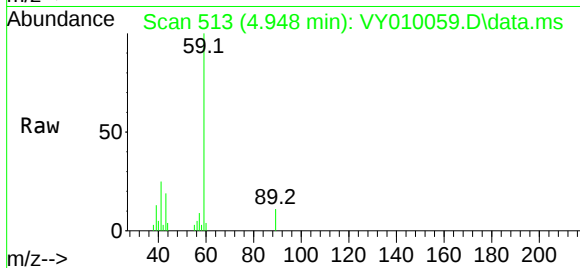
VY0817SBS01

Tgt Ion: 59 Resp: 7961

Ion Ratio Lower Upper

59 100

57 8.5 7.8 11.6



#12

1,1-Dichloroethene

Concen: 18.888 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

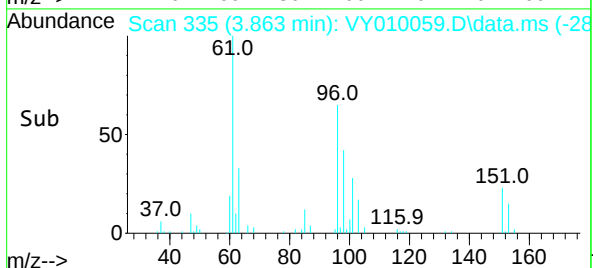
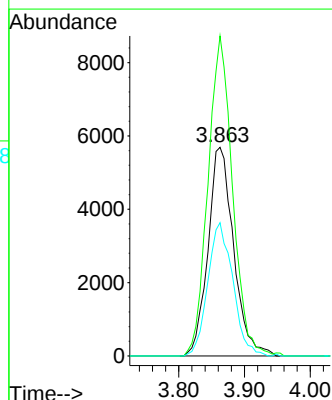
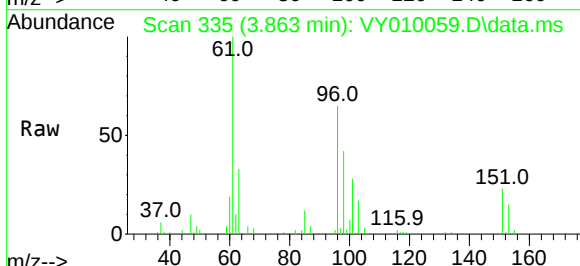
Tgt Ion: 96 Resp: 15426

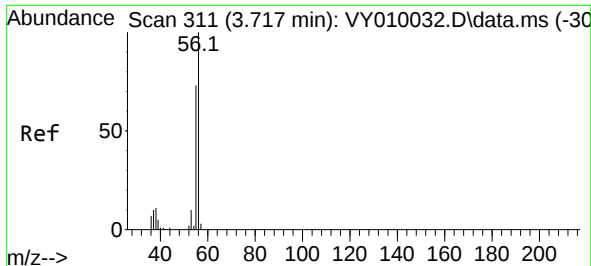
Ion Ratio Lower Upper

96 100

61 153.3 117.8 176.8

98 63.8 51.9 77.9





#13

Acrolein

Concen: 94.348 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.001 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

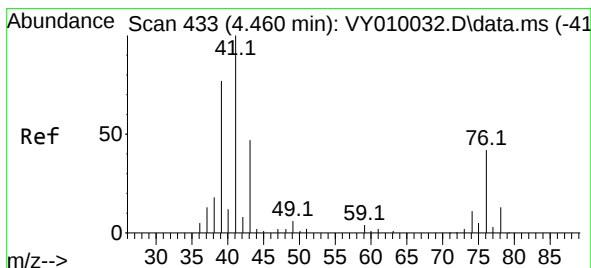
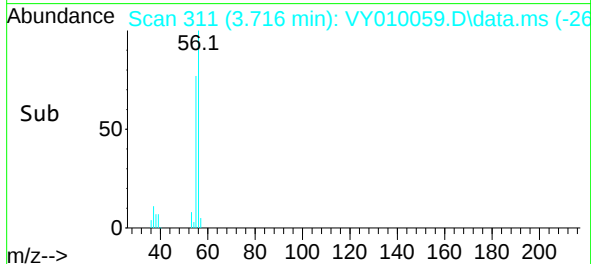
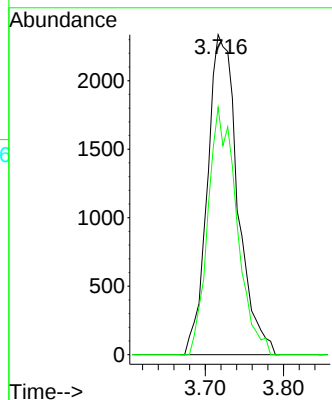
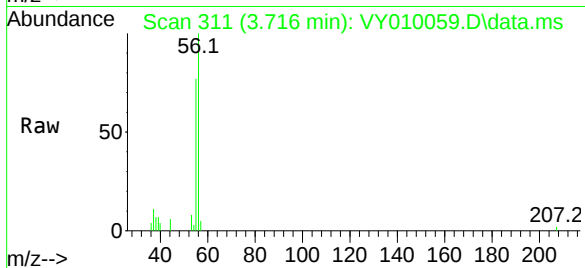
VY0817SBS01

Tgt Ion: 56 Resp: 6272

Ion Ratio Lower Upper

56 100

55 73.7 59.4 89.0



#14

Allyl chloride

Concen: 17.327 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

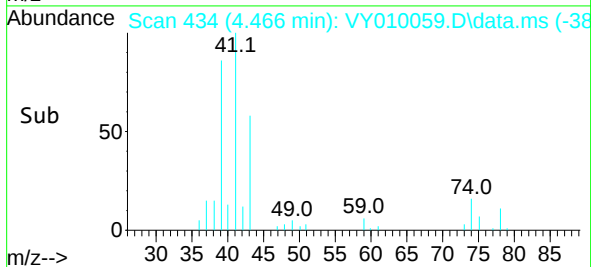
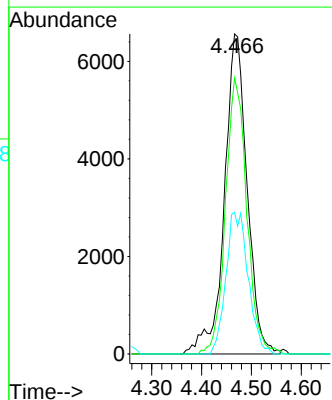
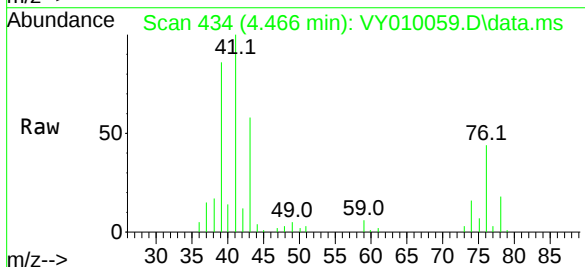
Tgt Ion: 41 Resp: 20797

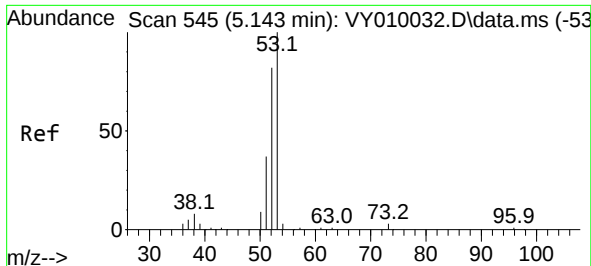
Ion Ratio Lower Upper

41 100

39 80.7 63.2 94.8

76 43.4 32.7 49.1

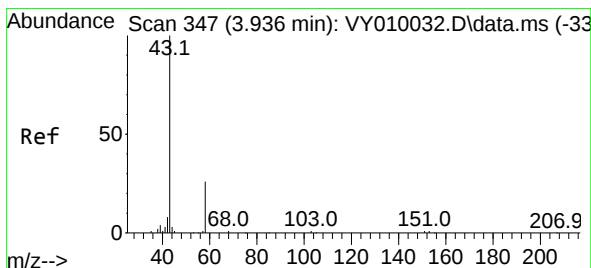
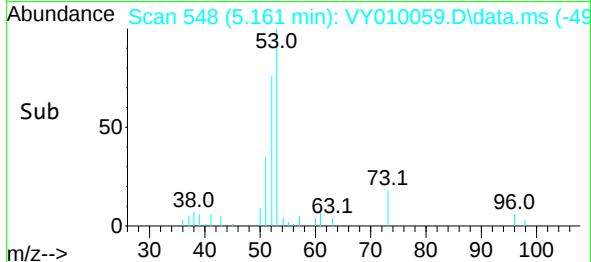
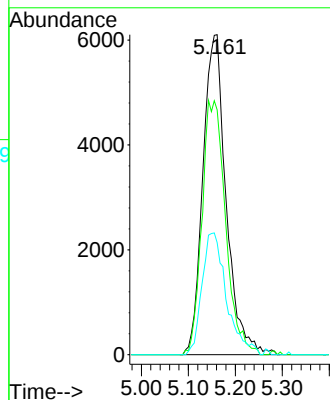
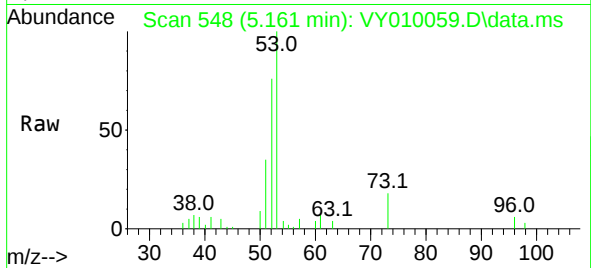




#15
Acrylonitrile
Concen: 94.504 ug/l
RT: 5.161 min Scan# 545
Delta R.T. 0.018 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

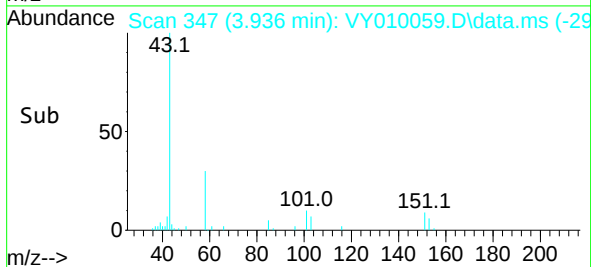
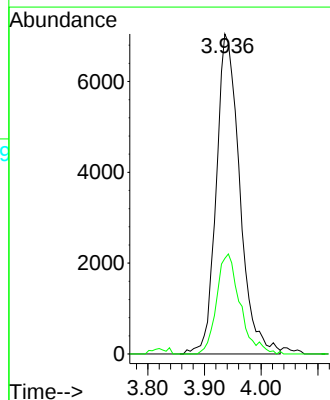
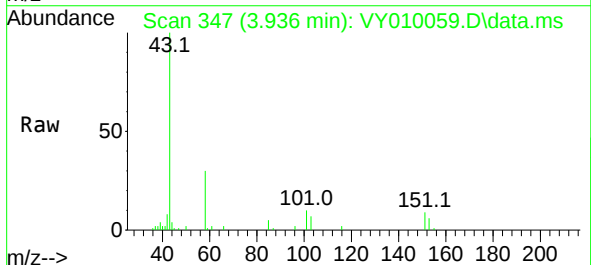
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

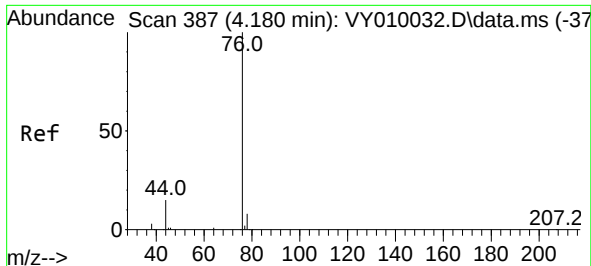
Tgt Ion: 53 Resp: 21002
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 40.0 30.2 45.4



#16
Acetone
Concen: 95.048 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 43 Resp: 20275
Ion Ratio Lower Upper
43 100
58 29.9 21.4 32.0

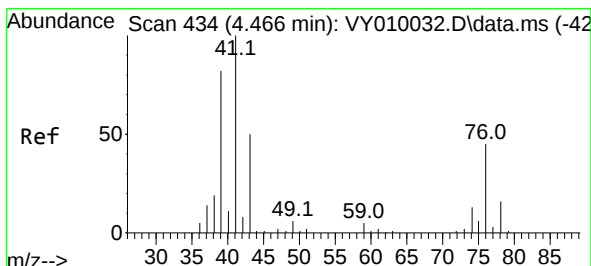
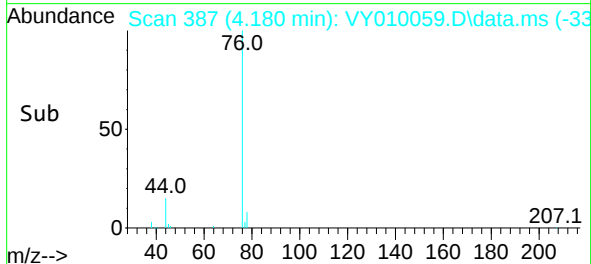
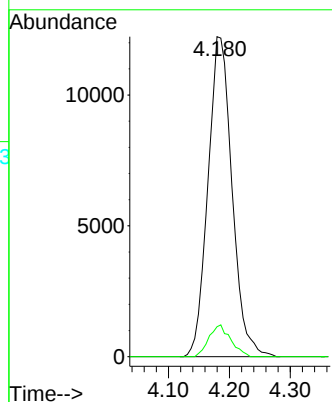
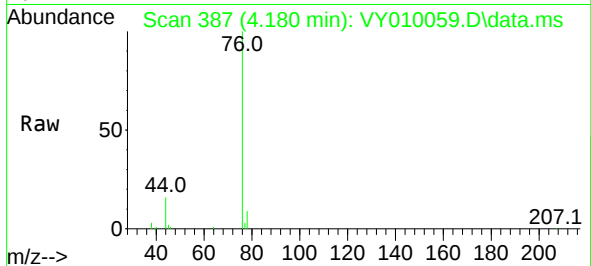




#17
Carbon Disulfide
Concen: 14.371 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

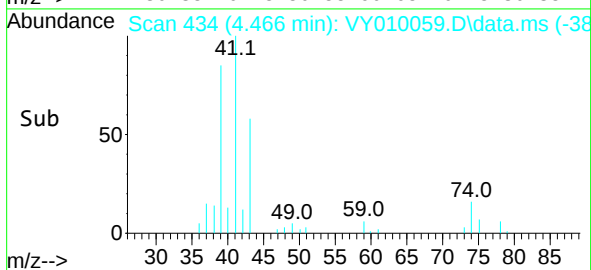
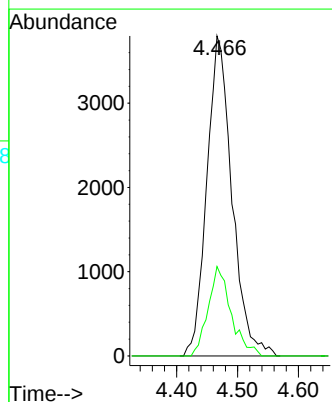
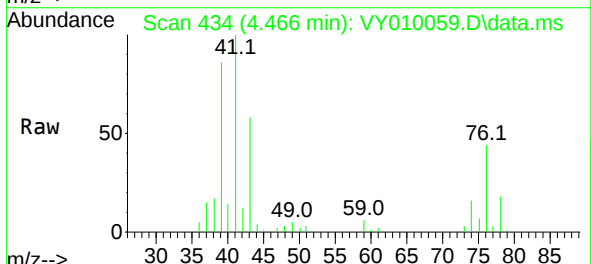
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

Tgt Ion: 76 Resp: 33619
Ion Ratio Lower Upper
76 100
78 9.4 6.7 10.1



#18
Methyl Acetate
Concen: 18.745 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 43 Resp: 10889
Ion Ratio Lower Upper
43 100
74 25.4 20.7 31.1

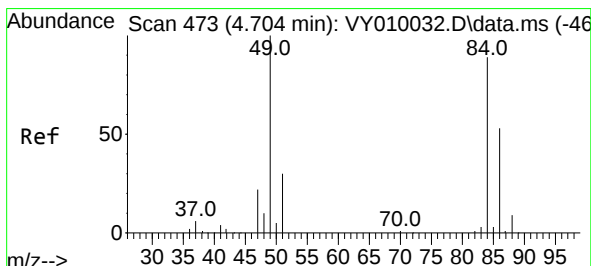
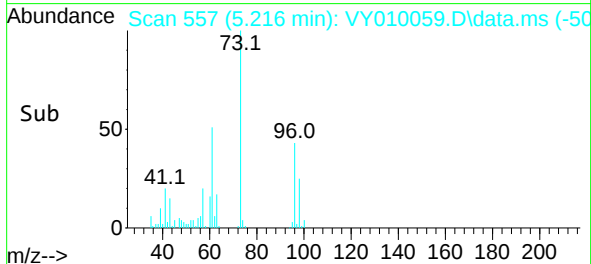
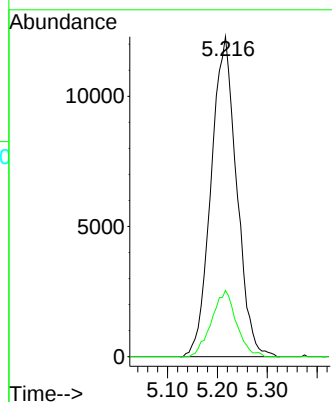
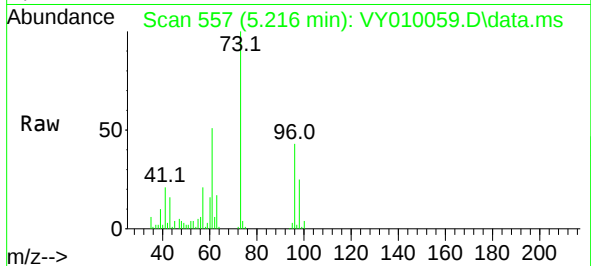




#19
Methyl tert-butyl Ether
Concen: 19.532 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

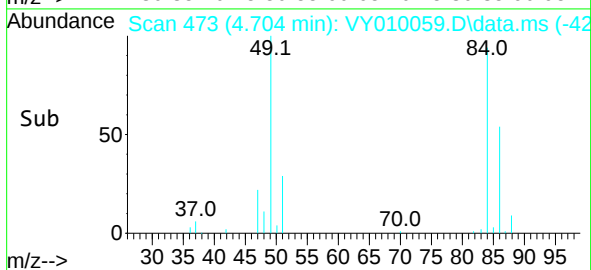
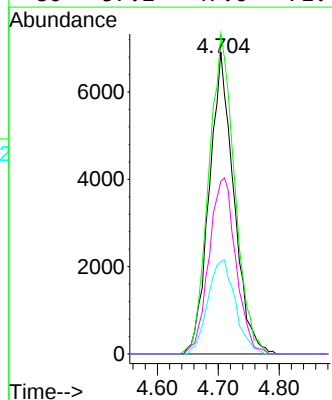
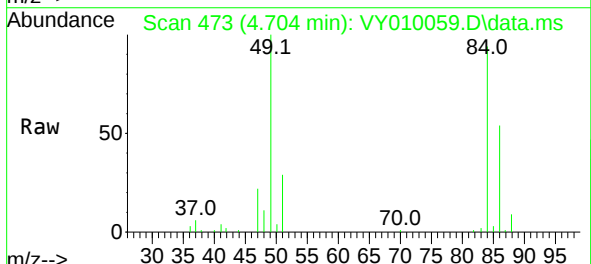
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

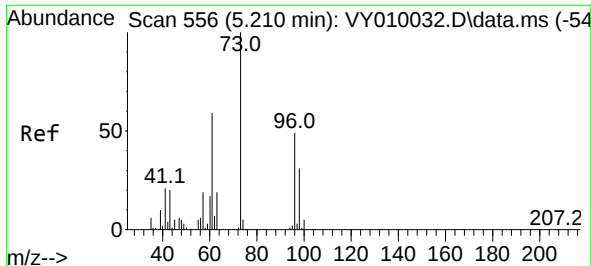
Tgt Ion: 73 Resp: 43832
Ion Ratio Lower Upper
73 100
57 20.7 15.4 23.0



#20
Methylene Chloride
Concen: 17.453 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

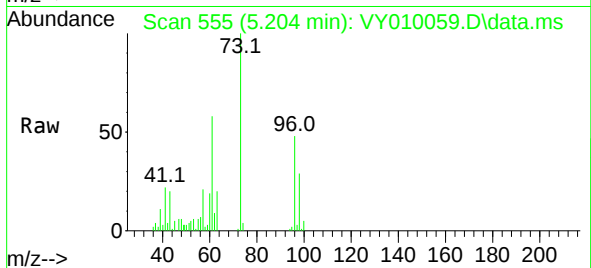
Tgt Ion: 84 Resp: 19387
Ion Ratio Lower Upper
84 100
49 105.9 89.5 134.3
51 30.6 26.8 40.2
86 57.2 47.6 71.4



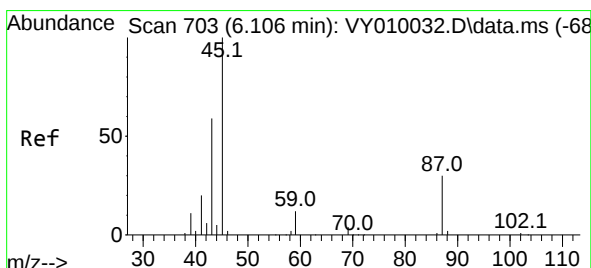
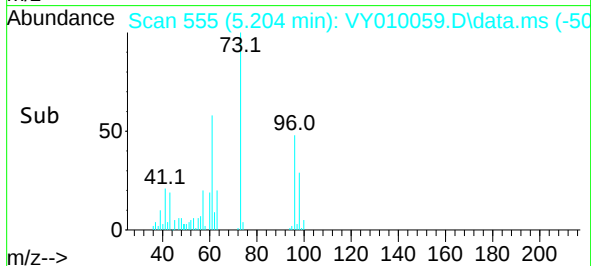
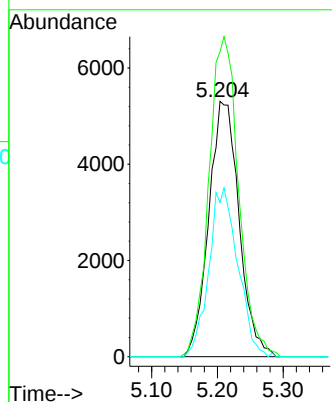


#21
trans-1,2-Dichloroethene
Concen: 18.081 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

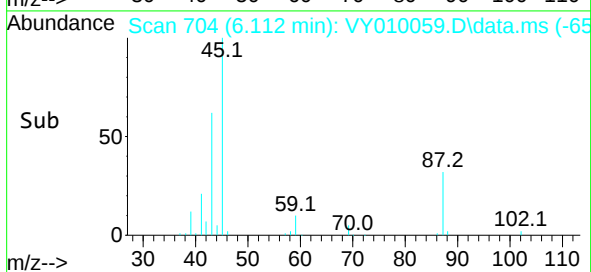
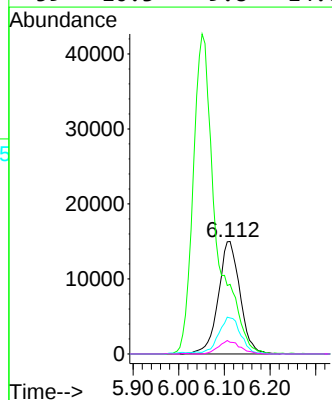
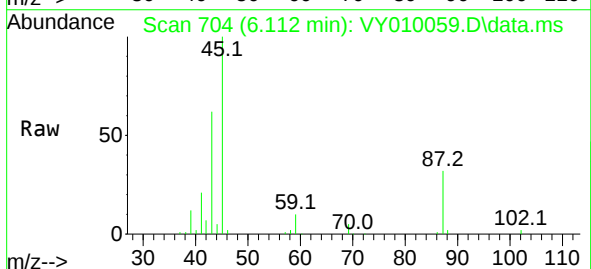


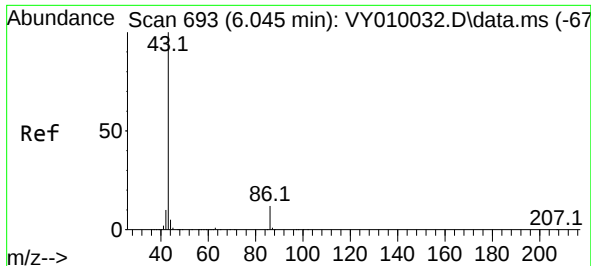
Tgt Ion: 96 Resp: 16983
Ion Ratio Lower Upper
96 100
61 119.4 96.8 145.2
98 60.4 51.0 76.4



#22
Diisopropyl ether
Concen: 20.882 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 45 Resp: 49298
Ion Ratio Lower Upper
45 100
43 61.3 47.5 71.3
87 32.0 24.4 36.6
59 10.3 9.8 14.6

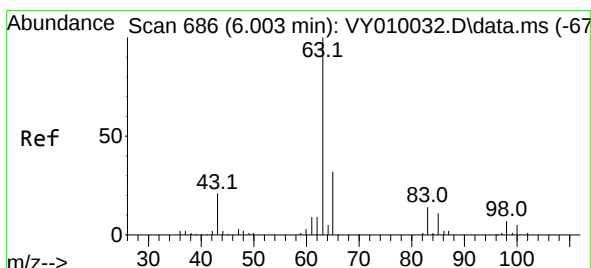
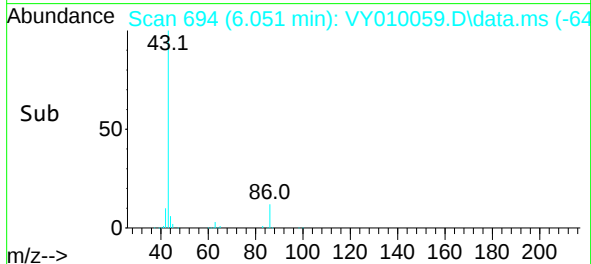
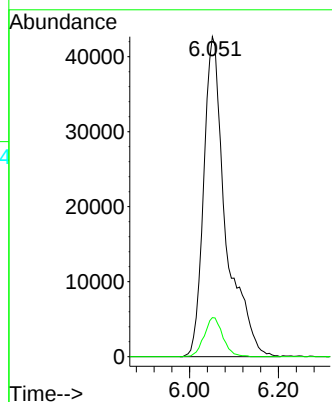
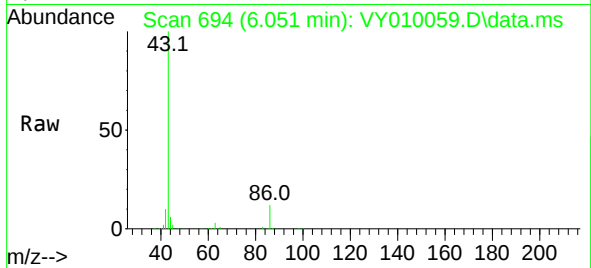




#23
 Vinyl Acetate
 Concen: 99.126 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

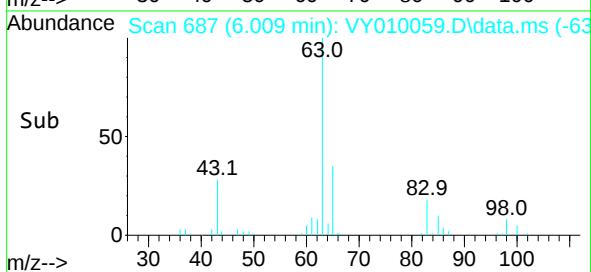
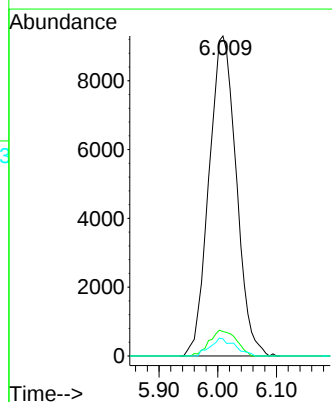
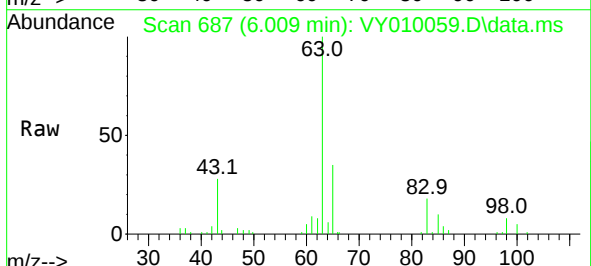
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBSD01

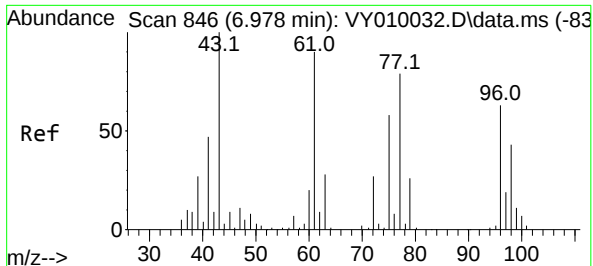
Tgt Ion: 43 Resp: 147668
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.032 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

Tgt Ion: 63 Resp: 30034
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.7 11.1
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 98.399 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

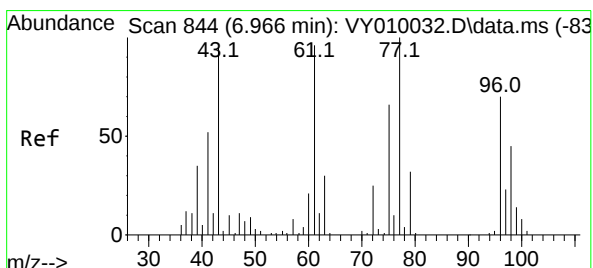
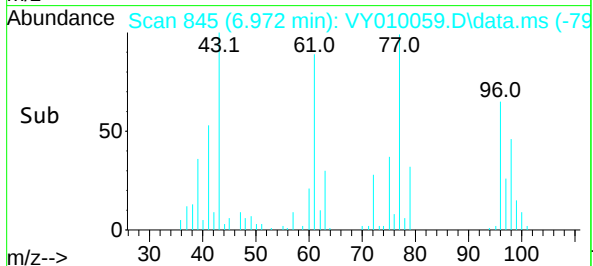
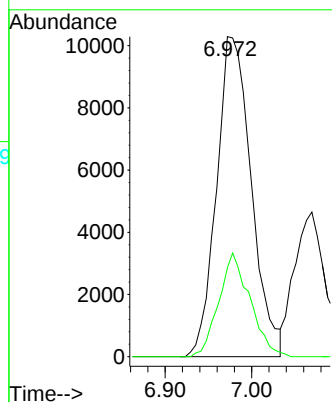
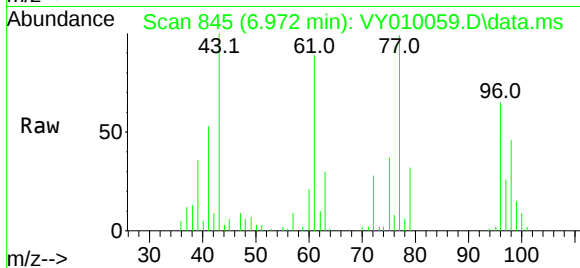
VY0817SBS01

Tgt Ion: 43 Resp: 28715

Ion Ratio Lower Upper

43 100

72 27.8 21.7 32.5



#26

2,2-Dichloropropane

Concen: 20.065 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY010059.D

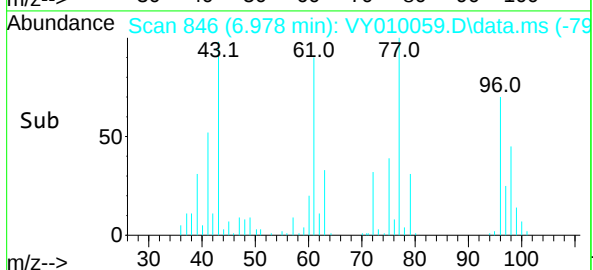
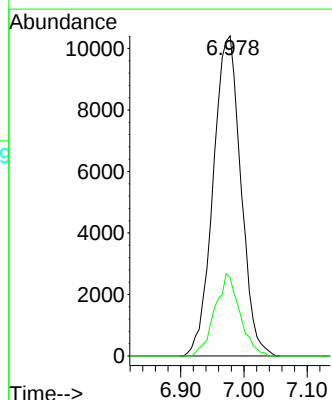
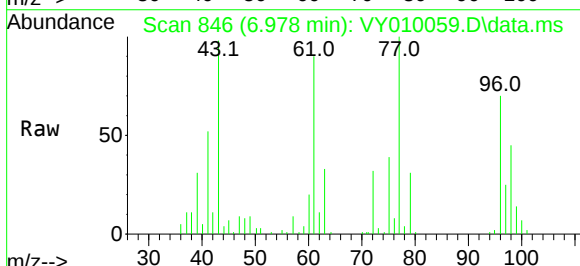
Acq: 17 Aug 2022 11:32

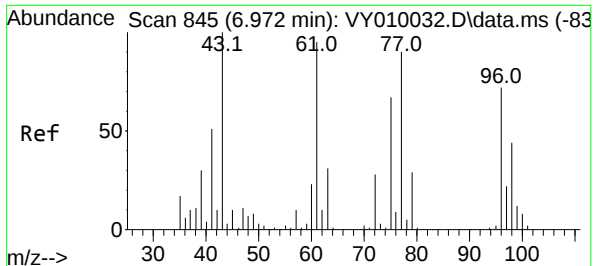
Tgt Ion: 77 Resp: 31616

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.903 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

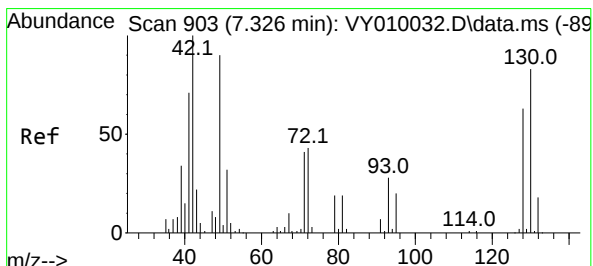
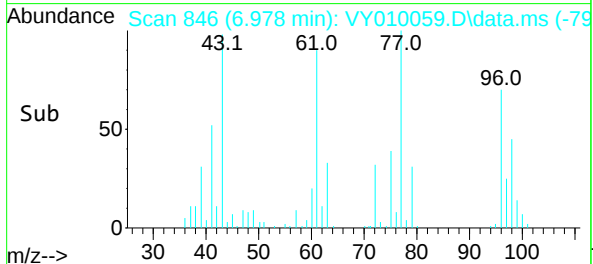
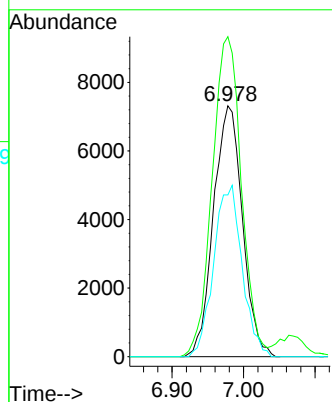
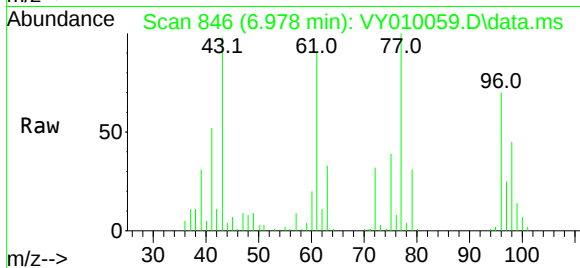
Tgt Ion: 96 Resp: 20558

Ion Ratio Lower Upper

96 100

61 128.9 0.0 276.0

98 67.0 0.0 128.4



#28

Bromochloromethane

Concen: 17.291 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.007 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

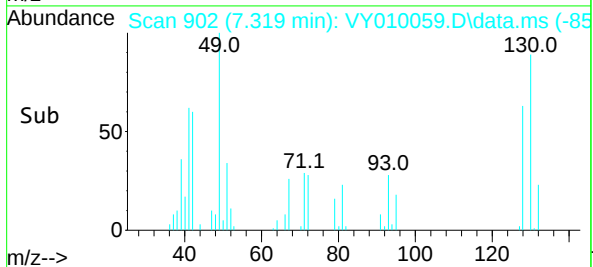
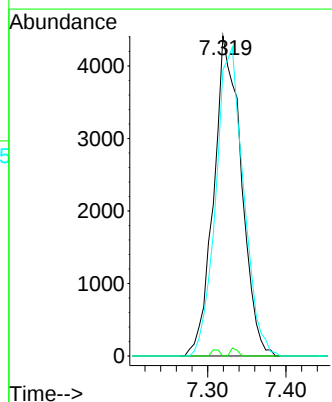
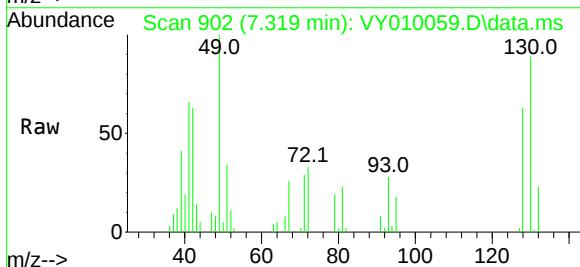
Tgt Ion: 49 Resp: 10788

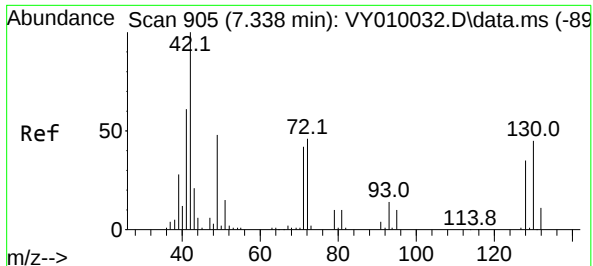
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

130 97.2 71.0 106.4





#29

Tetrahydrofuran

Concen: 89.270 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

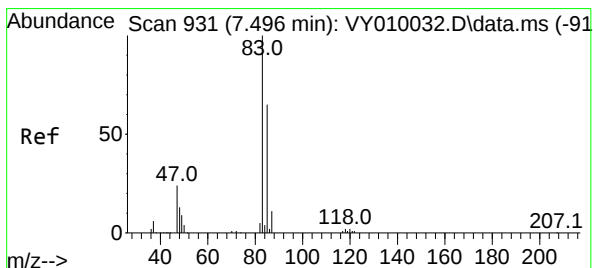
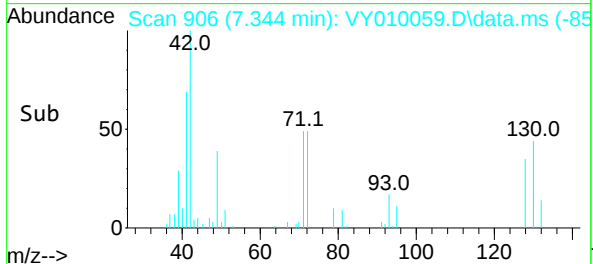
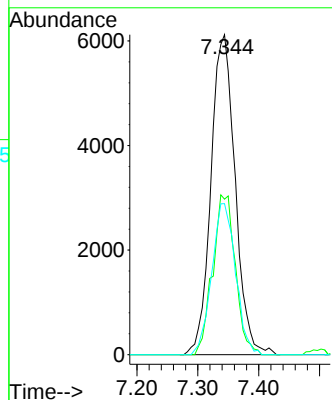
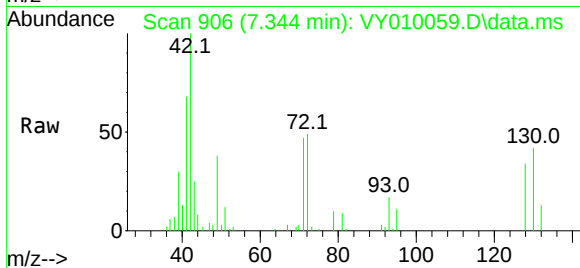
Tgt Ion: 42 Resp: 16921

Ion Ratio Lower Upper

42 100

72 46.7 36.5 54.7

71 46.3 33.4 50.2



#30

Chloroform

Concen: 19.679 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010059.D

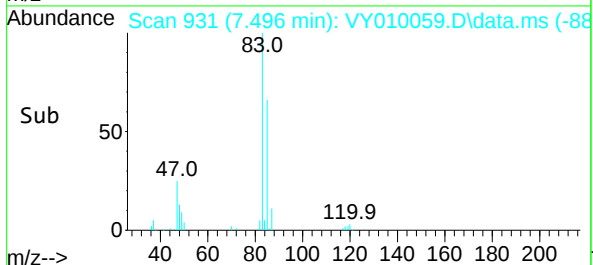
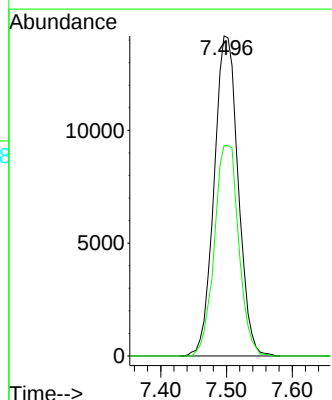
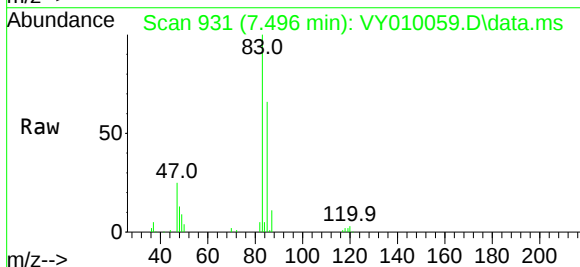
Acq: 17 Aug 2022 11:32

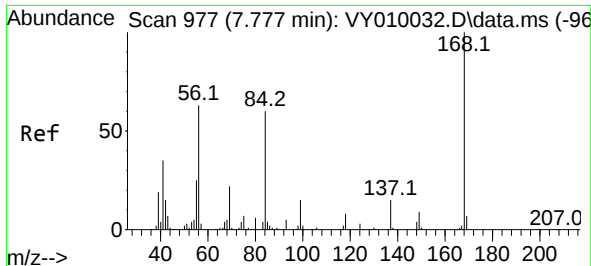
Tgt Ion: 83 Resp: 36084

Ion Ratio Lower Upper

83 100

85 65.8 51.9 77.9

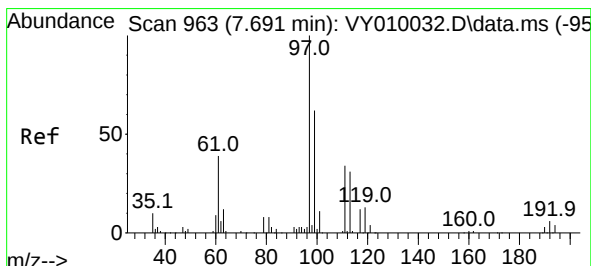
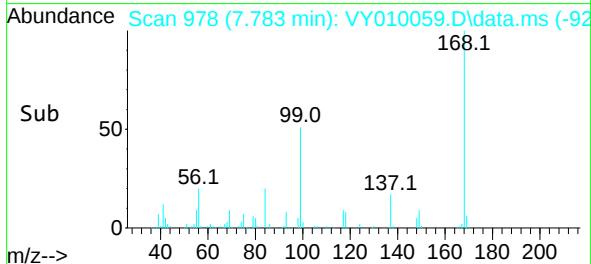
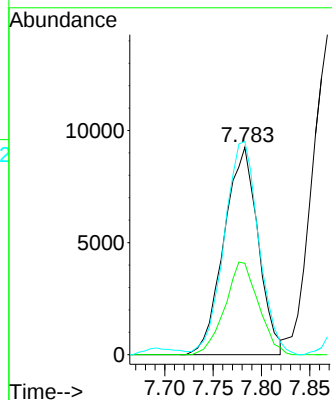
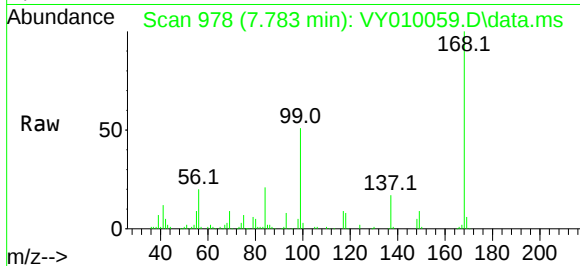




#31
Cyclohexane
Concen: 16.132 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

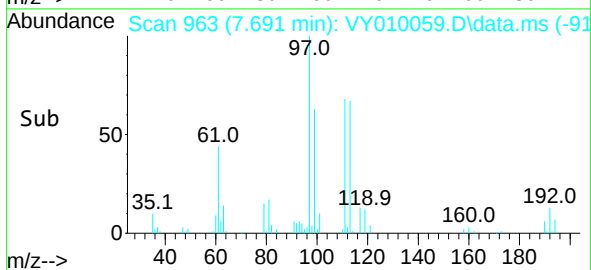
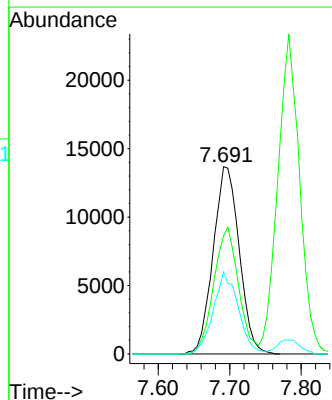
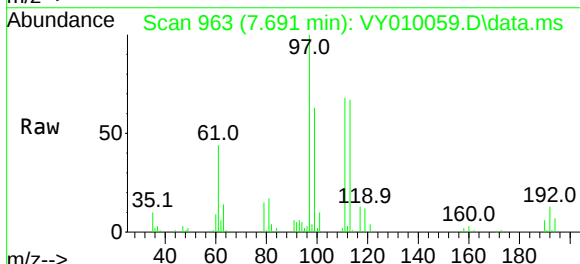
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

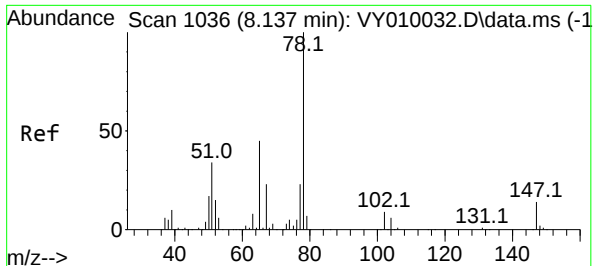
Tgt Ion: 56 Resp: 22701
Ion Ratio Lower Upper
56 100
69 44.1 28.6 43.0#
84 100.7 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 20.840 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 97 Resp: 34639
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 41.9 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 49.258 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

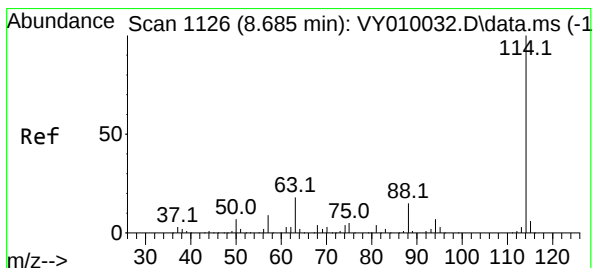
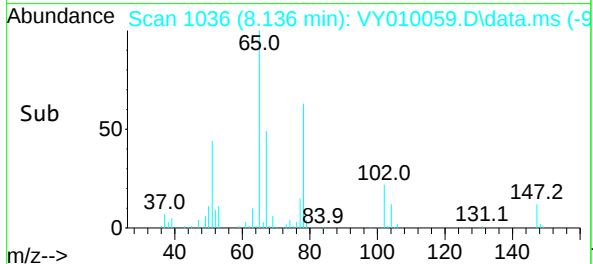
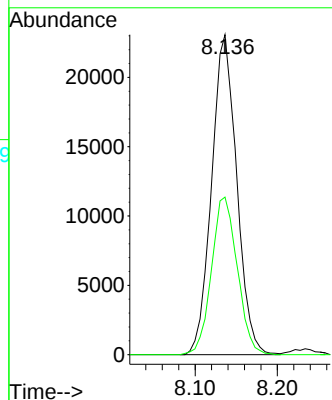
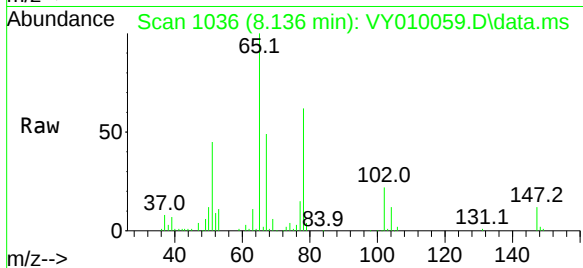
VY0817SBS01

Tgt Ion: 65 Resp: 49056

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

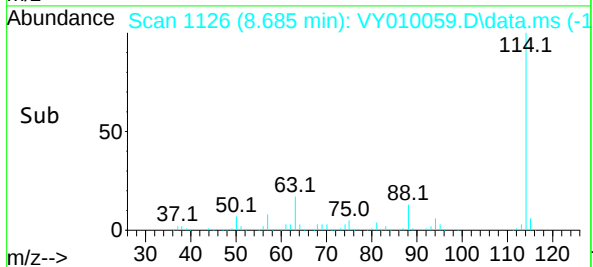
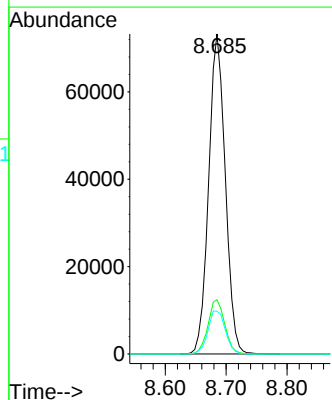
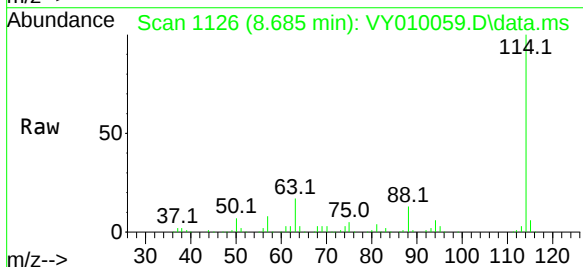
Tgt Ion: 114 Resp: 138773

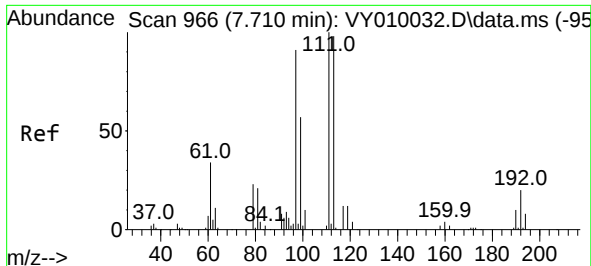
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 13.4 0.0 30.2

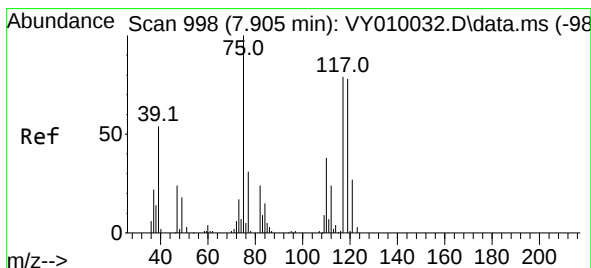
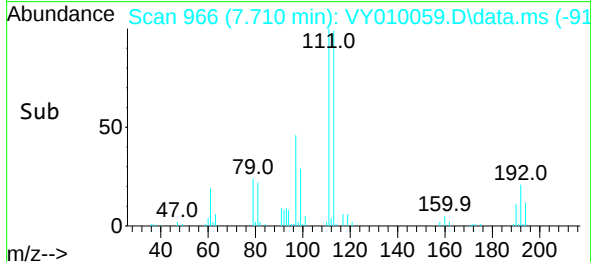
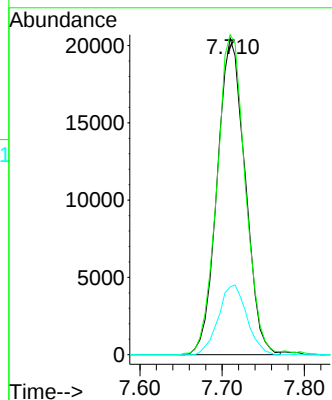
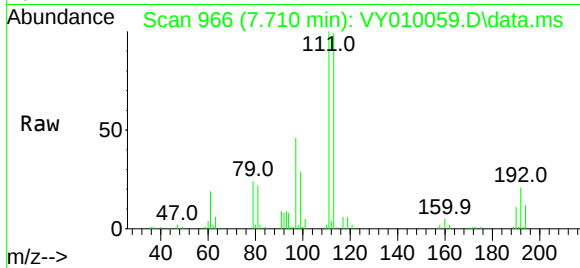




#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

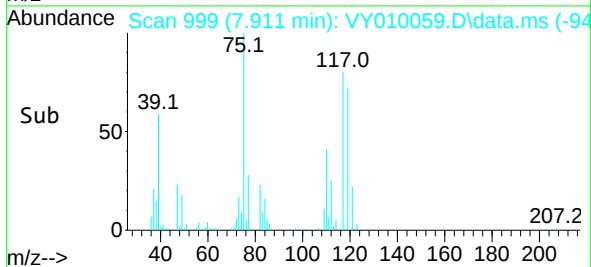
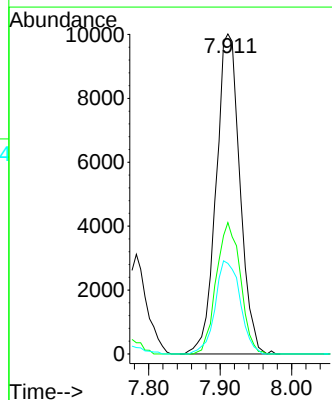
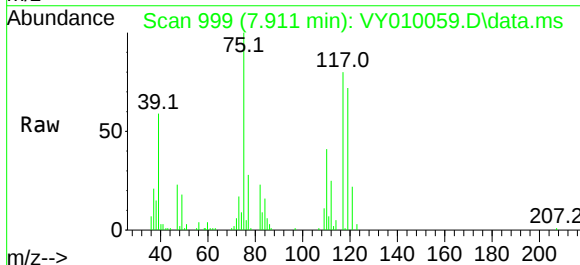
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

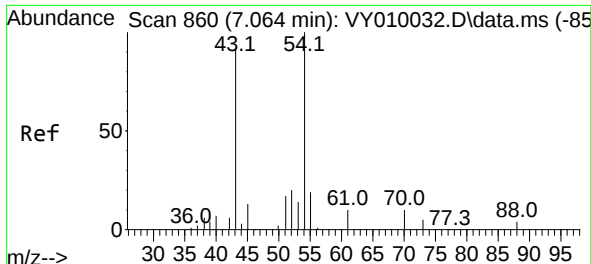
Tgt Ion:113 Resp: 48286
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 22.3 17.2 25.8



#36
1,1-Dichloropropene
Concen: 18.455 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 75 Resp: 23136
Ion Ratio Lower Upper
75 100
110 41.5 18.4 55.4
77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 19.381 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.005 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

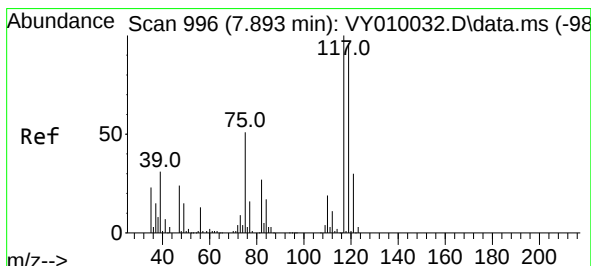
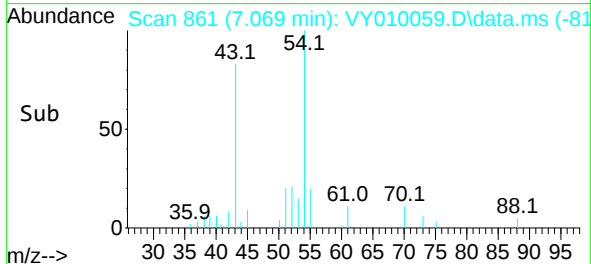
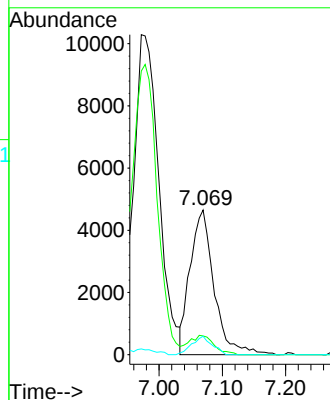
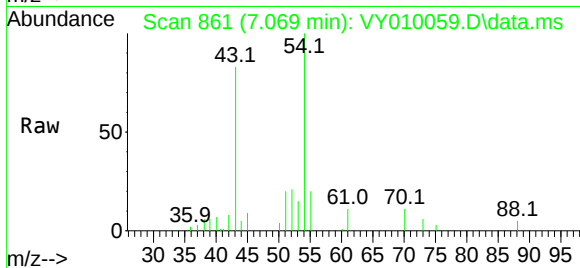
MSVOA_Y

ClientSampleId :

VY0817SBS01

Tgt Ion: 43 Resp: 12236

Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.6	14.4
70	10.7	7.9	11.9



#38

Carbon Tetrachloride

Concen: 21.379 ug/l

RT: 7.892 min Scan# 996

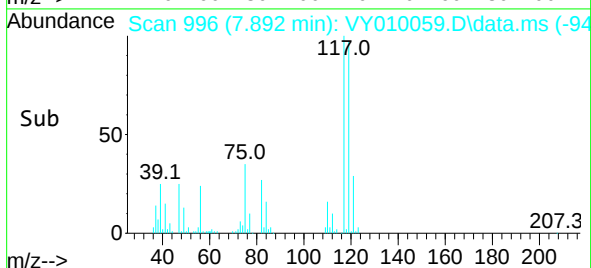
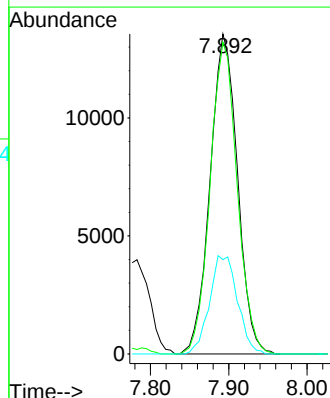
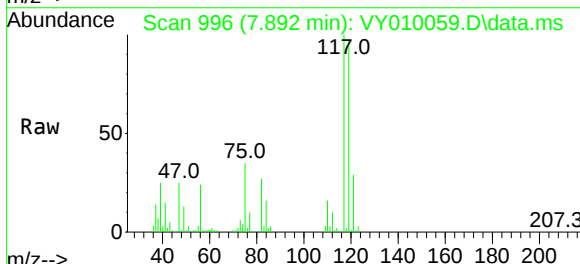
Delta R.T. -0.001 min

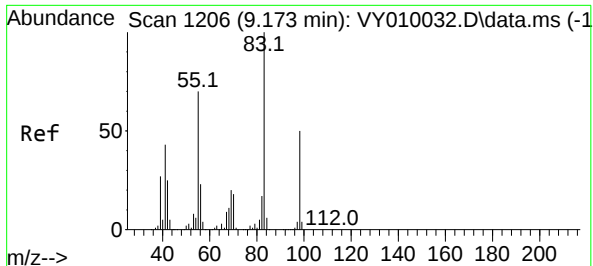
Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Tgt Ion: 117 Resp: 32963

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.6
121	29.5	24.2	36.4





#39

Methylcyclohexane

Concen: 18.230 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

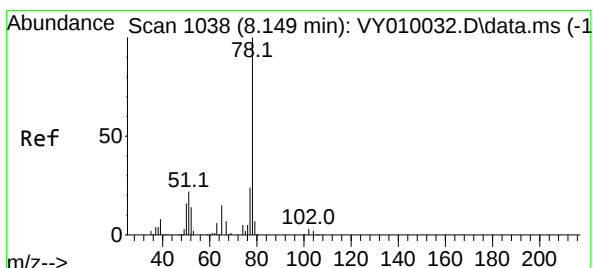
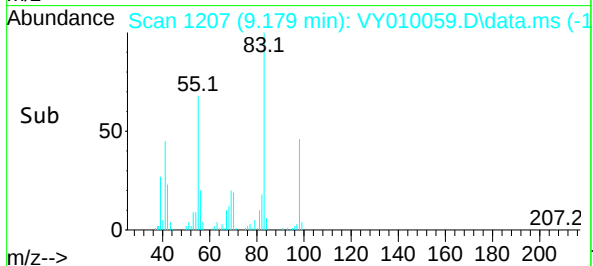
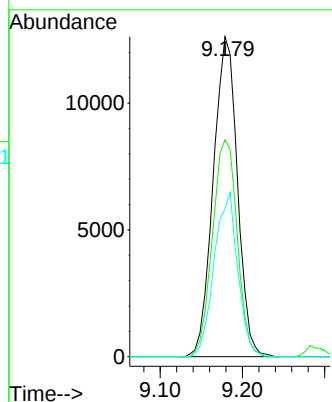
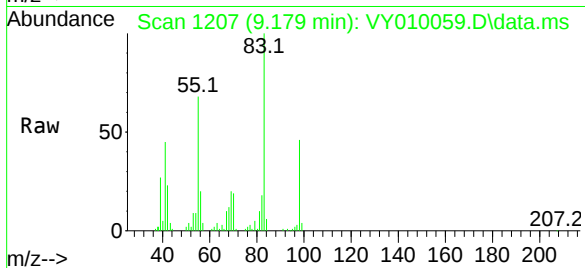
Tgt Ion: 83 Resp: 25750

Ion Ratio Lower Upper

83 100

55 67.8 56.3 84.5

98 46.2 39.8 59.8



#40

Benzene

Concen: 18.653 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010059.D

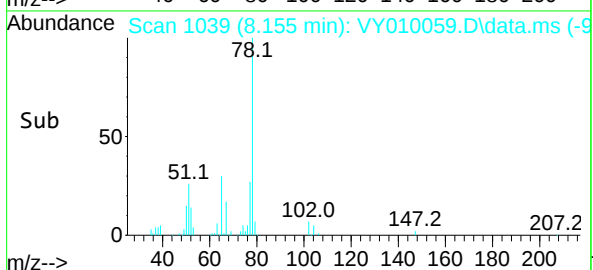
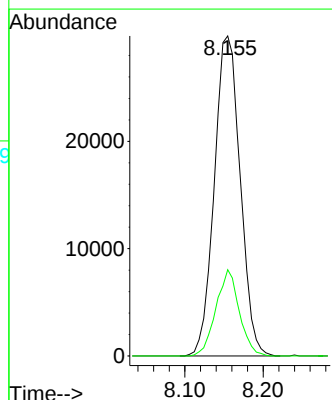
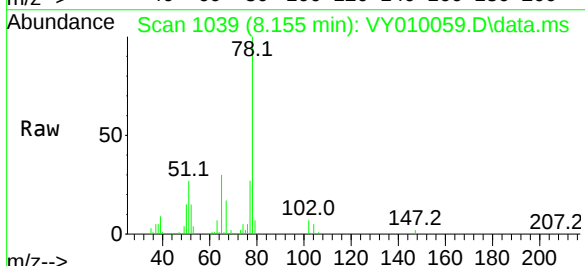
Acq: 17 Aug 2022 11:32

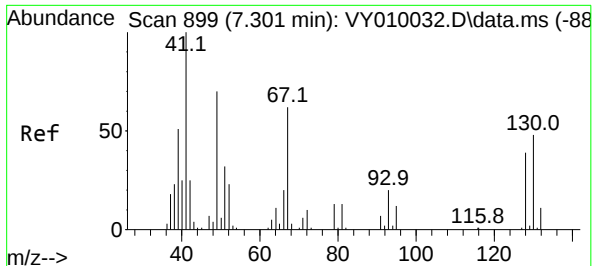
Tgt Ion: 78 Resp: 68411

Ion Ratio Lower Upper

78 100

77 26.9 19.0 28.6

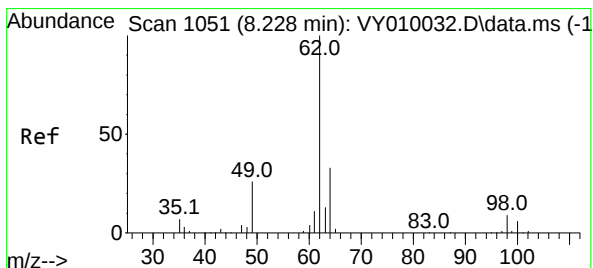
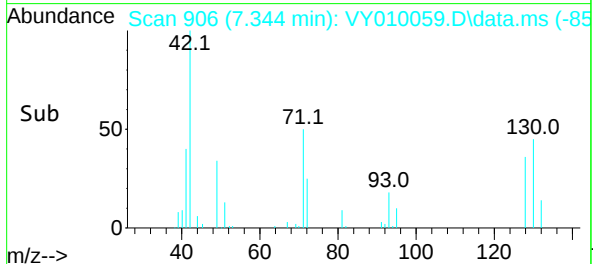
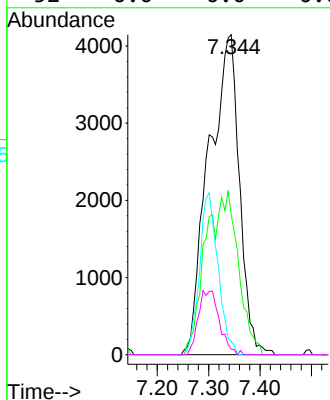
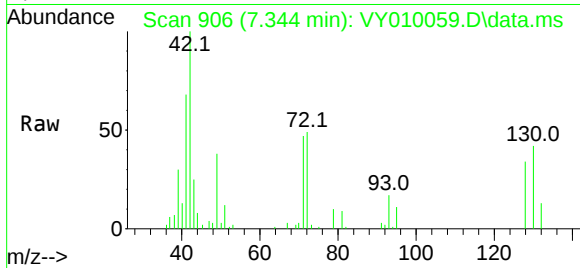




#41
Methacrylonitrile
Concen: 52.465 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

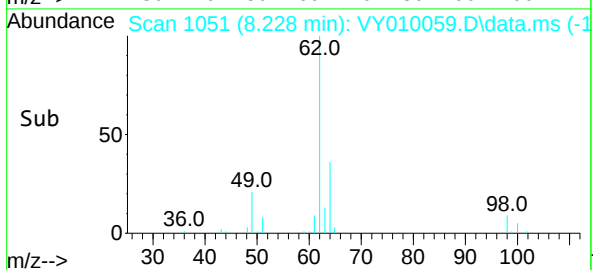
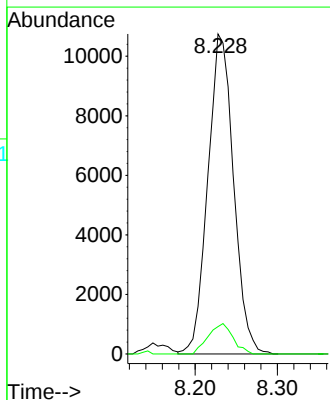
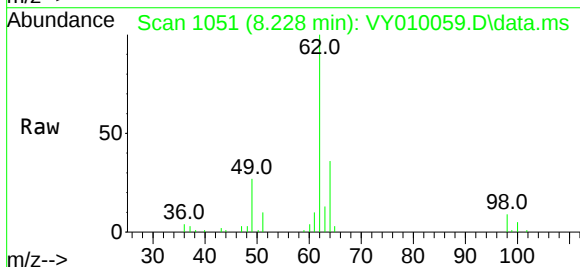
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

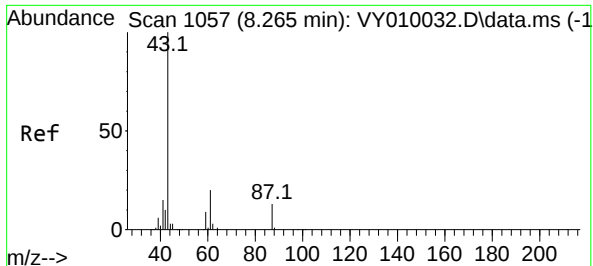
Tgt Ion: 41	Resp: 17109
Ion Ratio	Lower Upper
41 100	
39 0.0	59.4 89.2#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.440 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 62	Resp: 23359
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 19.0





#43

Isopropyl Acetate

Concen: 19.095 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.005 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

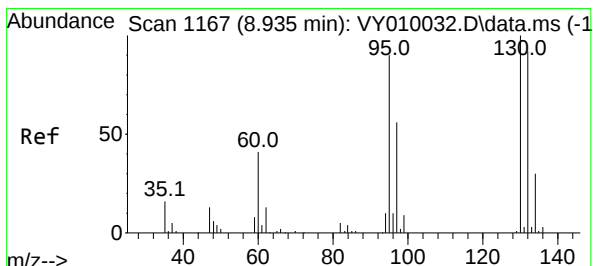
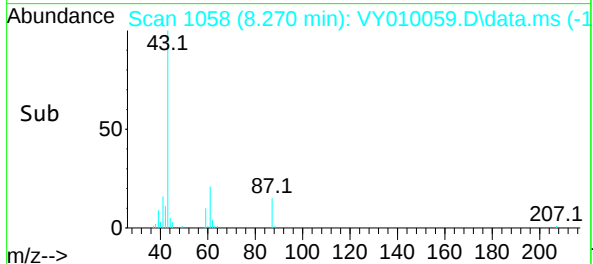
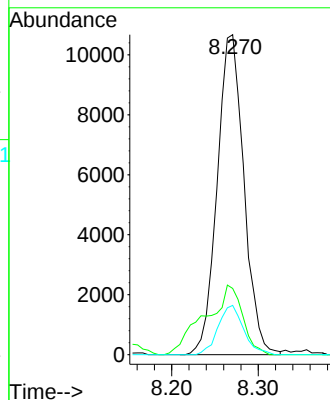
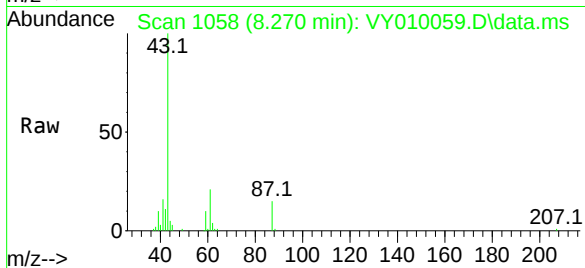
Tgt Ion: 43 Resp: 22882

Ion Ratio Lower Upper

43 100

61 30.5 23.0 34.6

87 14.7 11.1 16.7



#44

Trichloroethene

Concen: 20.030 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY010059.D

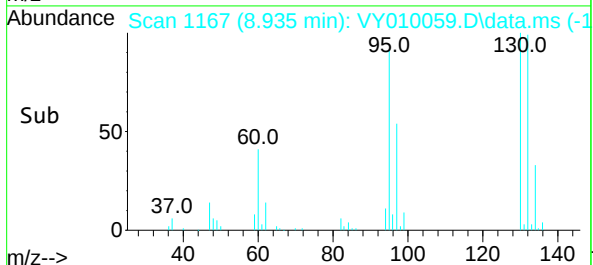
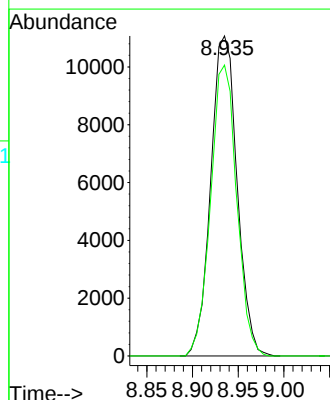
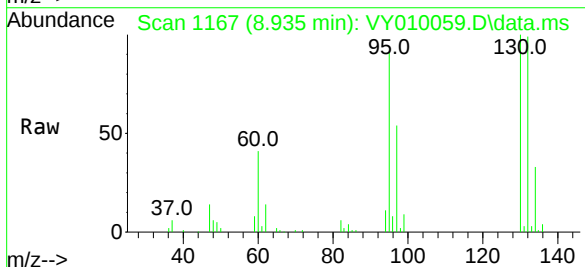
Acq: 17 Aug 2022 11:32

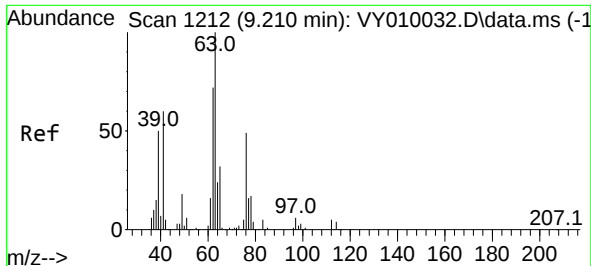
Tgt Ion: 130 Resp: 22204

Ion Ratio Lower Upper

130 100

95 90.9 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.531 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.005 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

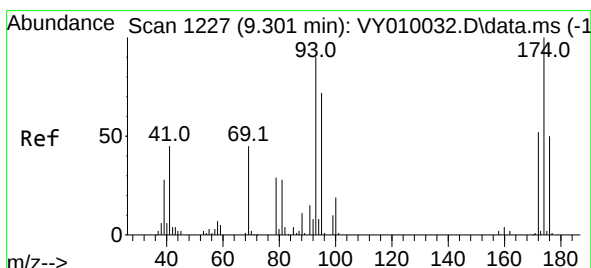
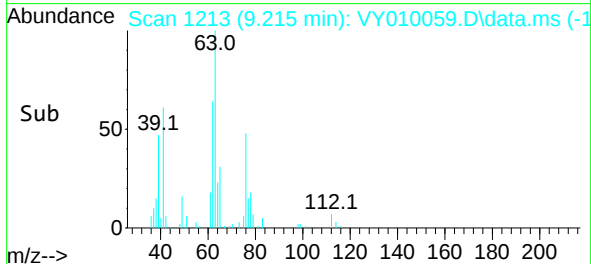
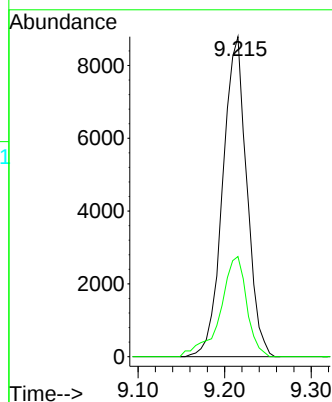
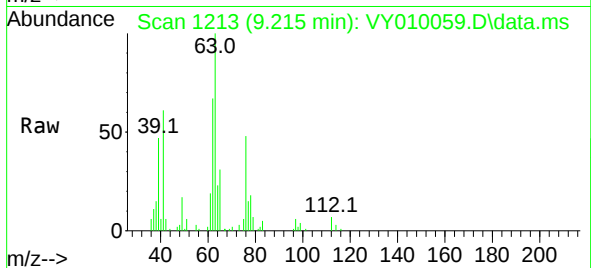
VY0817SBS01

Tgt Ion: 63 Resp: 16937

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 20.799 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

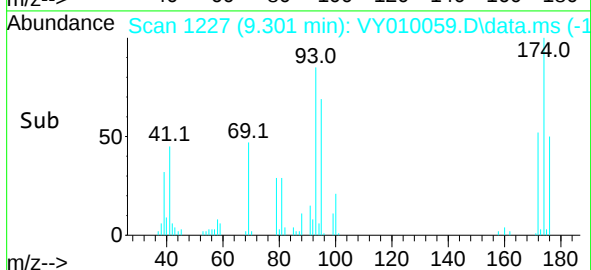
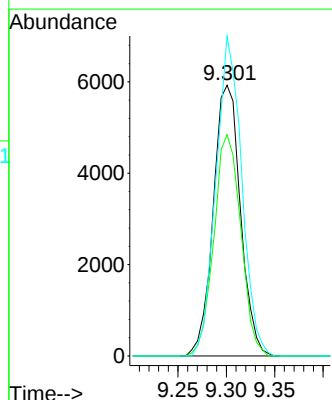
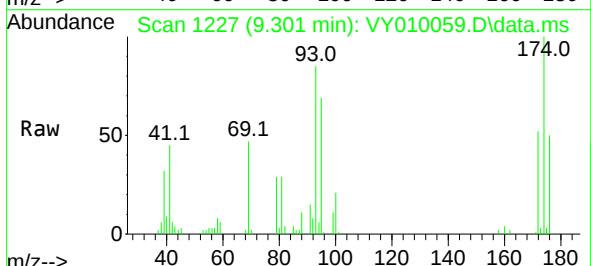
Tgt Ion: 93 Resp: 11552

Ion Ratio Lower Upper

93 100

95 81.0 66.5 99.7

174 112.3 89.5 134.3

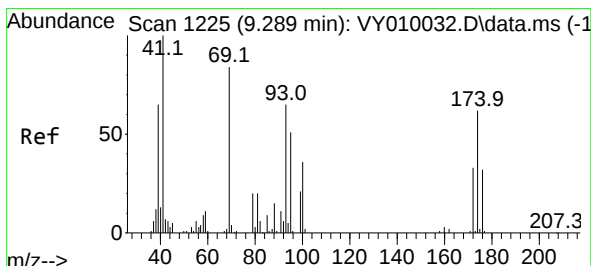
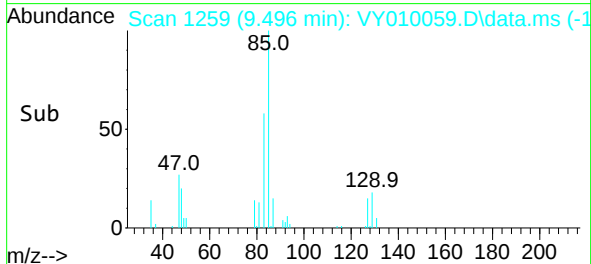
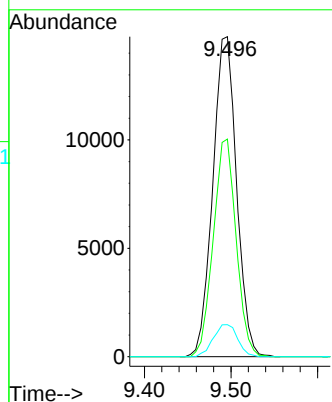
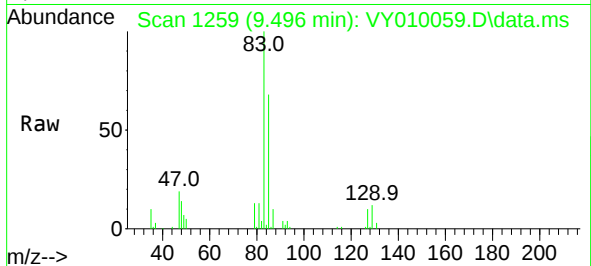




#47
Bromodichloromethane
Concen: 21.022 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

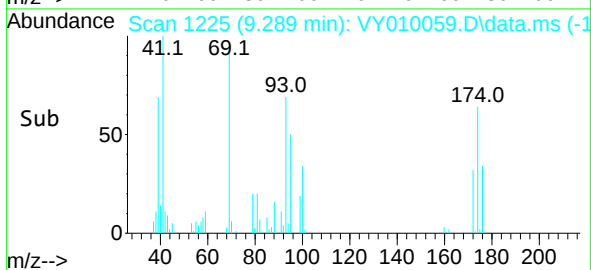
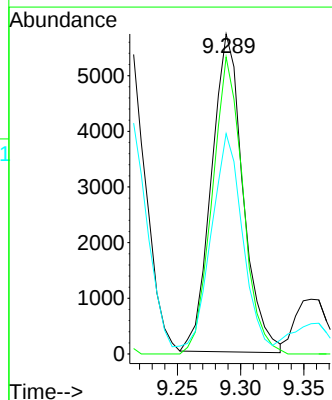
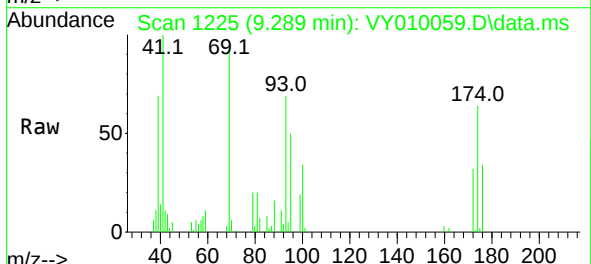
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

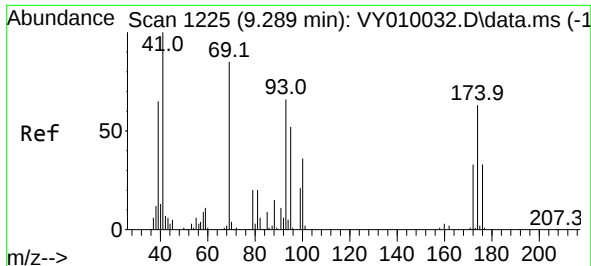
Tgt Ion: 83 Resp: 28163
Ion Ratio Lower Upper
83 100
85 68.0 50.4 75.6
127 10.0 6.8 10.2



#48
Methyl methacrylate
Concen: 19.084 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 41 Resp: 9951
Ion Ratio Lower Upper
41 100
69 90.2 69.1 103.7
39 69.4 51.5 77.3





#49

1,4-Dioxane

Concen: 398.747 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

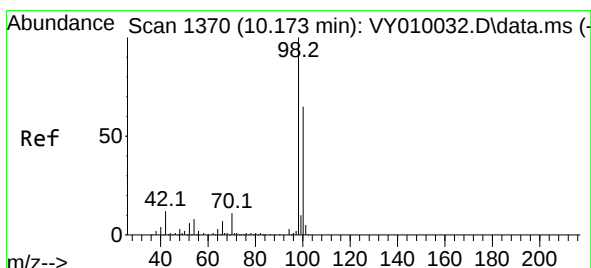
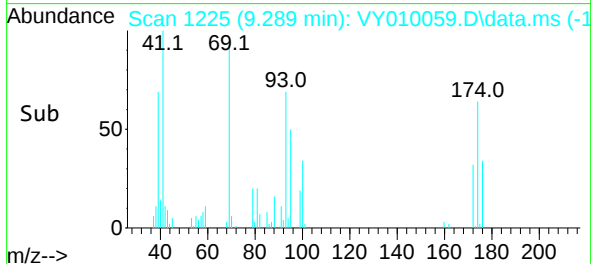
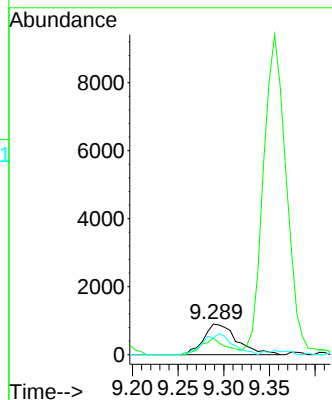
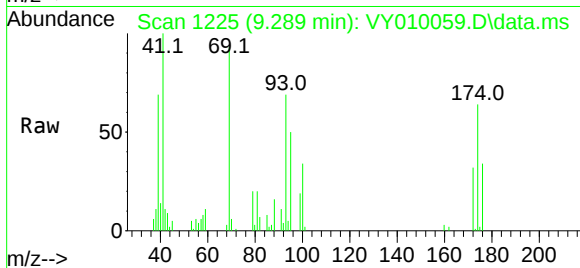
Tgt Ion: 88 Resp: 2277

Ion Ratio Lower Upper

88 100

43 40.8 28.2 42.4

58 60.1 47.2 70.8



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010059.D

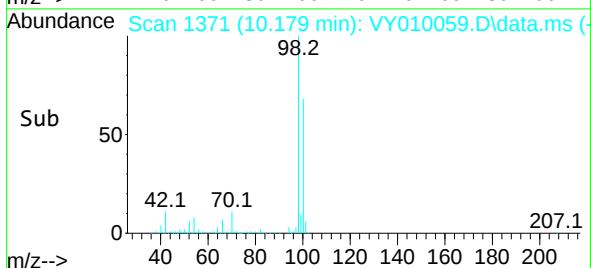
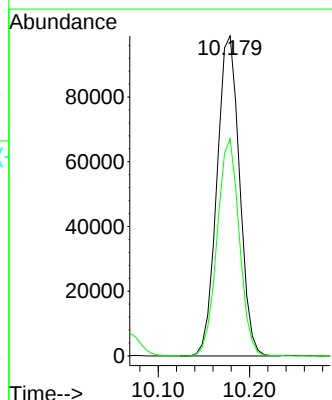
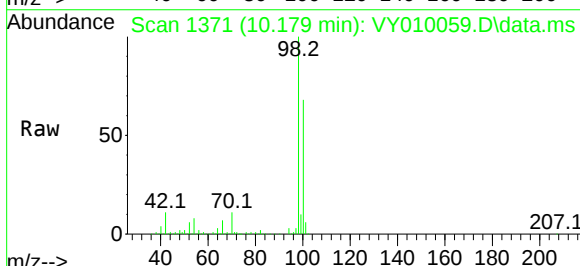
Acq: 17 Aug 2022 11:32

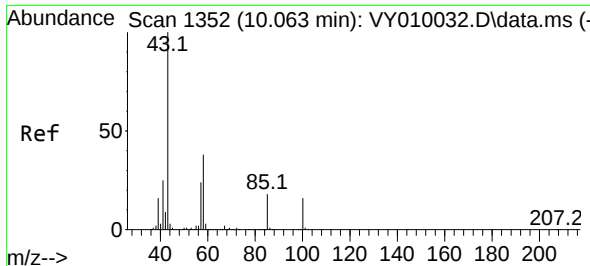
Tgt Ion: 98 Resp: 169745

Ion Ratio Lower Upper

98 100

100 66.6 52.1 78.1

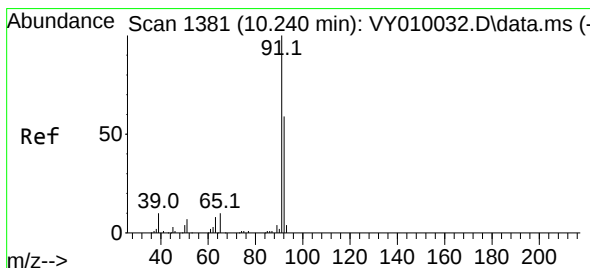
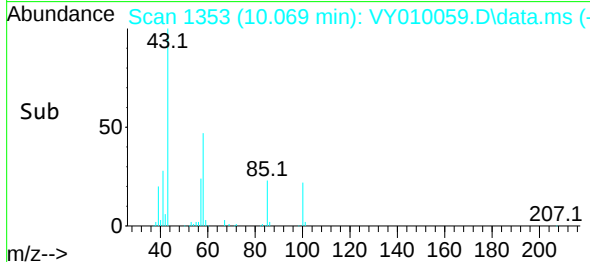
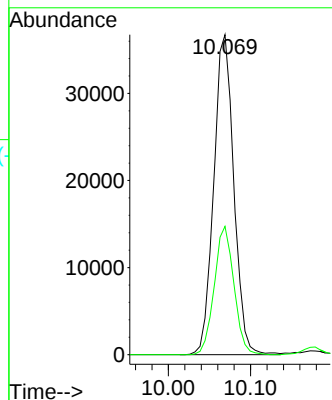
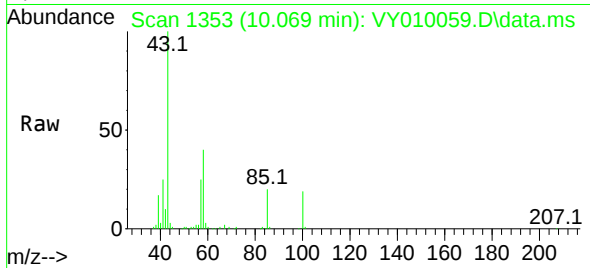




#51
4-Methyl-2-Pentanone
Concen: 94.271 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

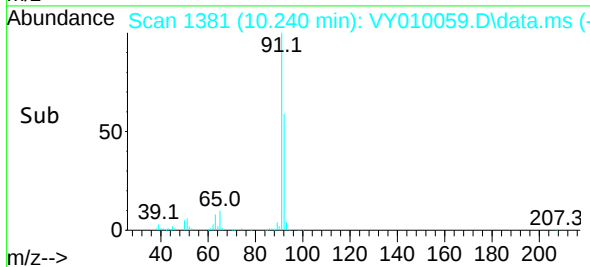
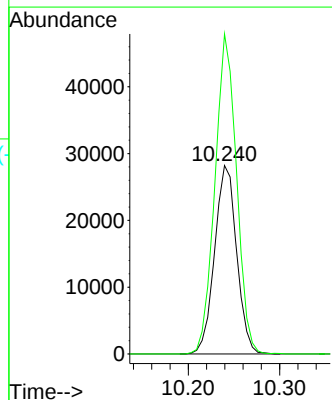
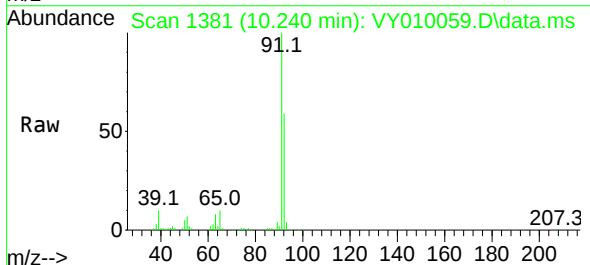
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

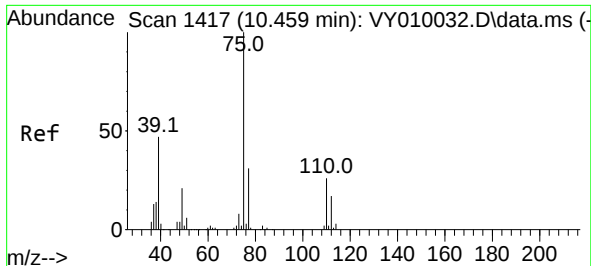
Tgt Ion: 43 Resp: 62326
Ion Ratio Lower Upper
43 100
58 39.3 29.8 44.8



#52
Toluene
Concen: 19.996 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 92 Resp: 47267
Ion Ratio Lower Upper
92 100
91 166.4 137.6 206.4

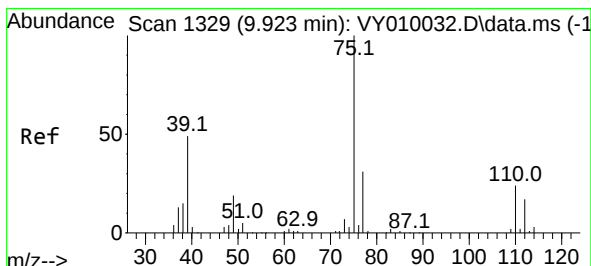
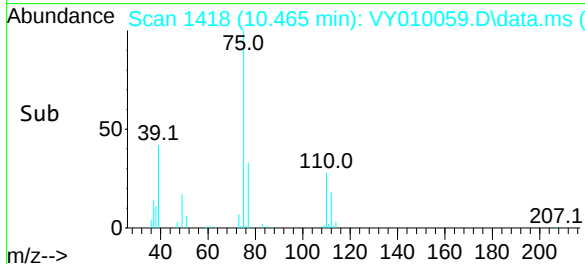
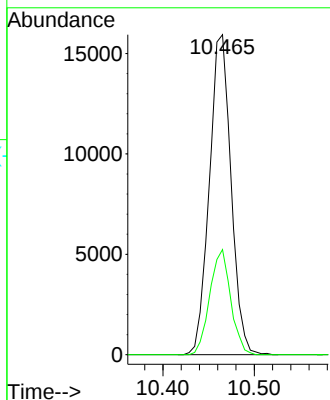
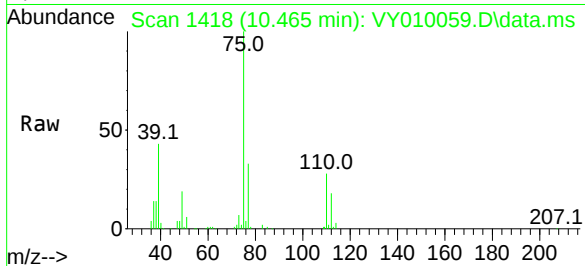




#53
 t-1,3-Dichloropropene
 Concen: 20.353 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

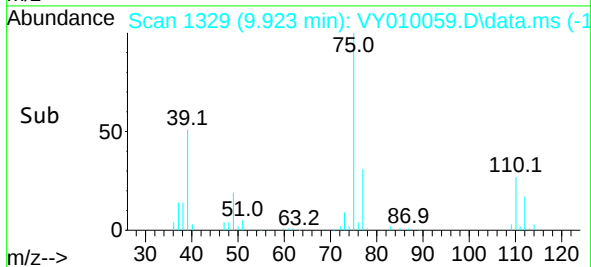
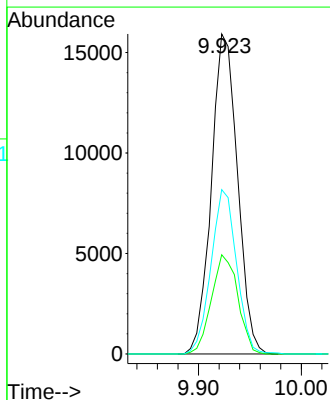
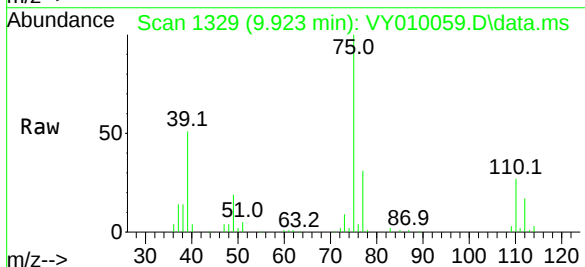
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBSD01

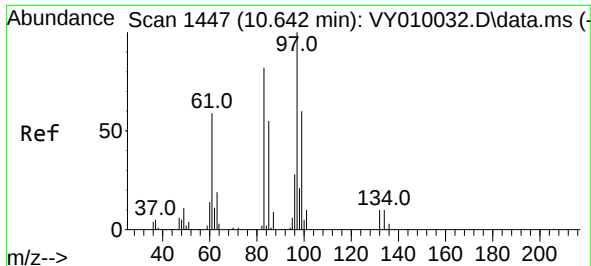
Tgt Ion: 75 Resp: 26260
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.904 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010059.D
 Acq: 17 Aug 2022 11:32

Tgt Ion: 75 Resp: 28090
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 51.4 39.2 58.8

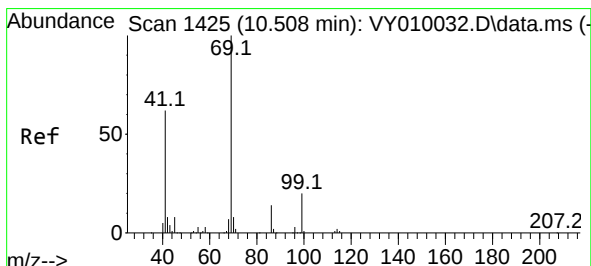
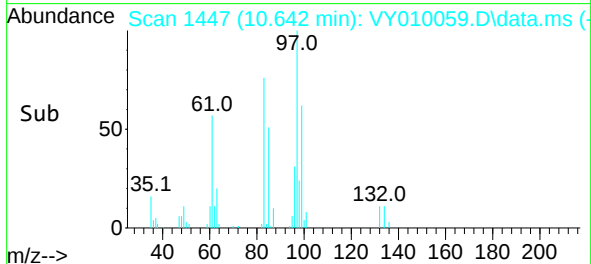
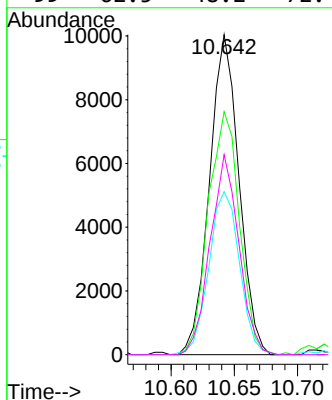
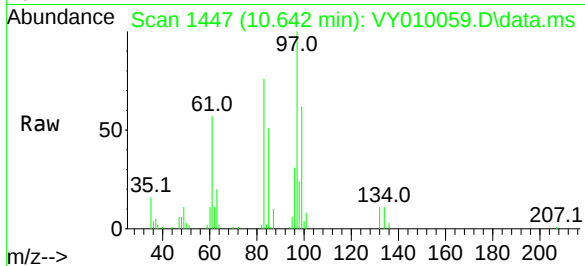




#55
1,1,2-Trichloroethane
Concen: 21.219 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

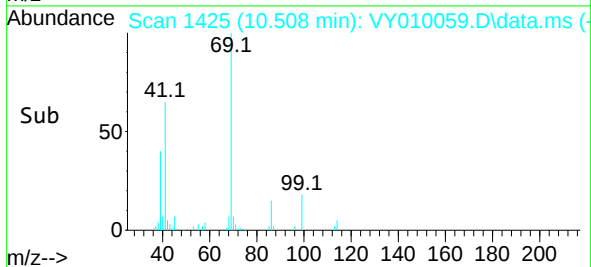
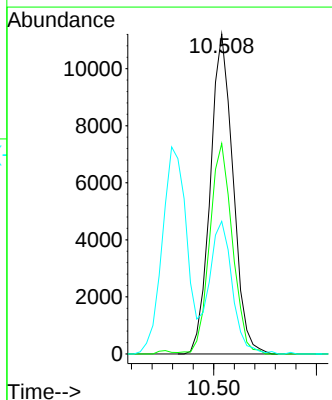
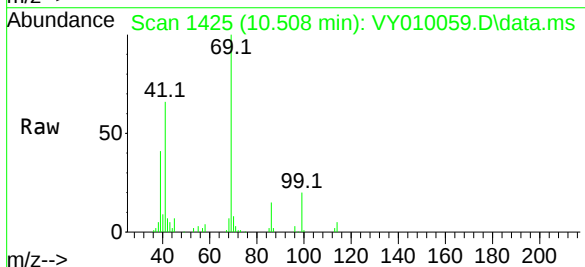
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

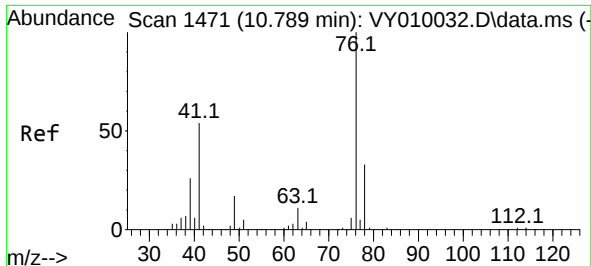
Tgt Ion:	97	Resp:	16278
Ion	Ratio	Lower	Upper
97	100		
83	76.0	65.9	98.9
85	50.9	44.2	66.2
99	62.5	48.2	72.4



#56
Ethyl methacrylate
Concen: 19.427 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion:	69	Resp:	17225
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.8	79.2
39	42.0	32.4	48.6





#57

1,3-Dichloropropane

Concen: 19.717 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

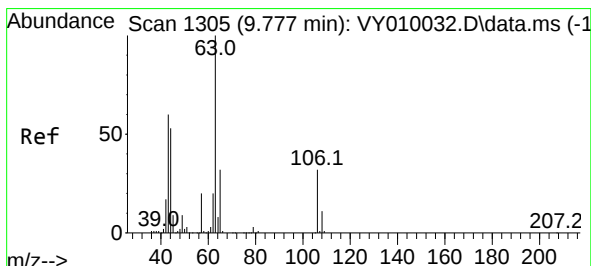
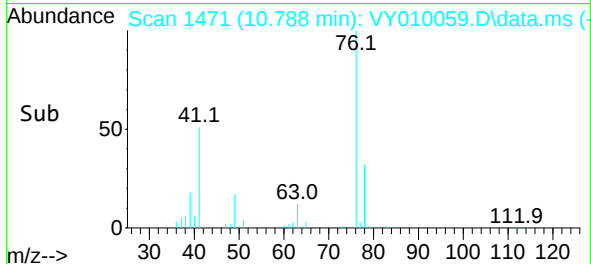
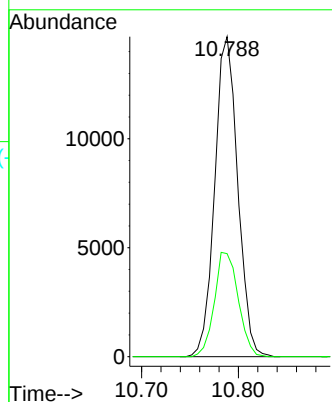
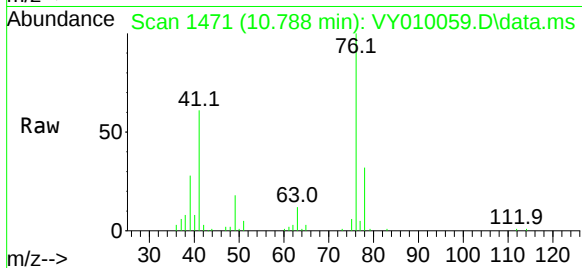
VY0817SBS01

Tgt Ion: 76 Resp: 24215

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.766 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VY010059.D

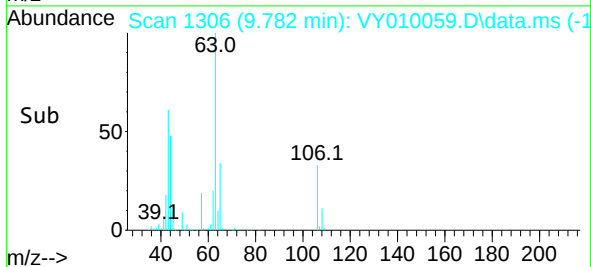
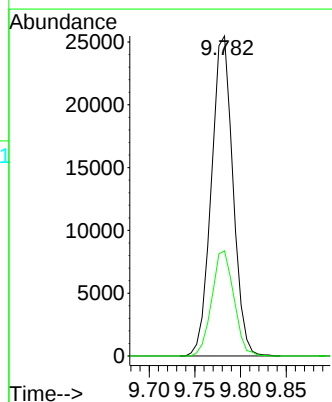
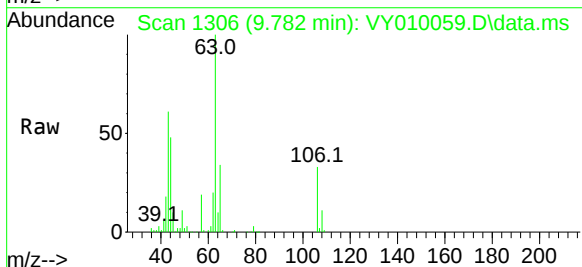
Acq: 17 Aug 2022 11:32

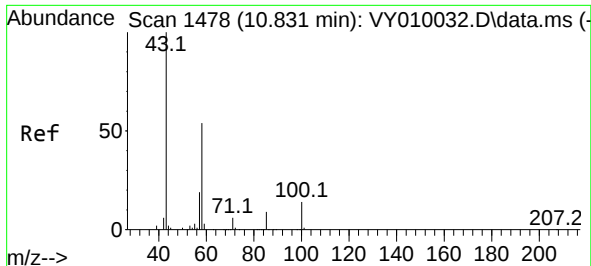
Tgt Ion: 63 Resp: 41734

Ion Ratio Lower Upper

63 100

106 33.6 25.7 38.5





#59

2-Hexanone

Concen: 99.006 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

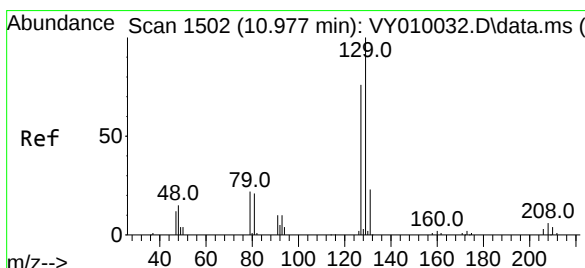
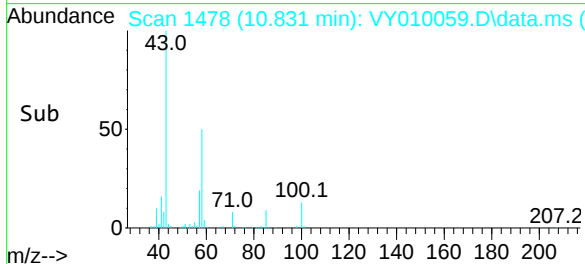
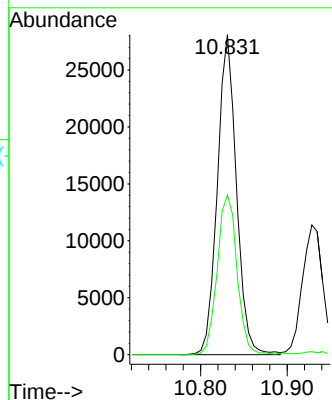
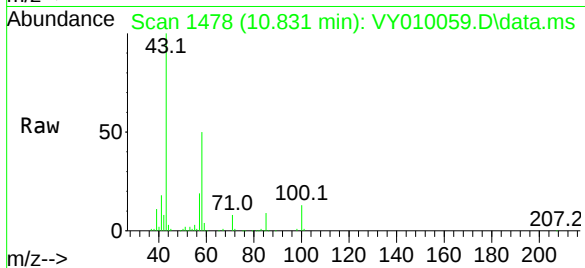
VY0817SBS01

Tgt Ion: 43 Resp: 42950

Ion Ratio Lower Upper

43 100

58 51.8 26.3 78.9



#60

Dibromochloromethane

Concen: 21.754 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.006 min

Lab File: VY010059.D

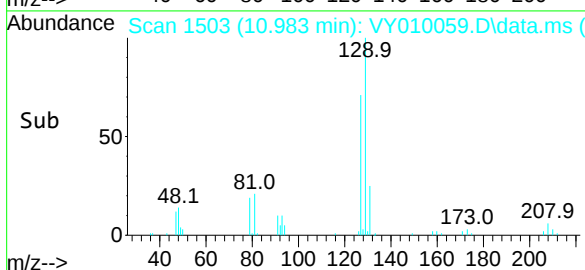
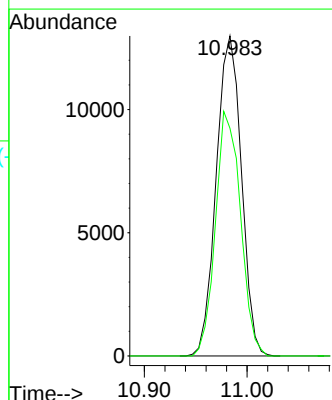
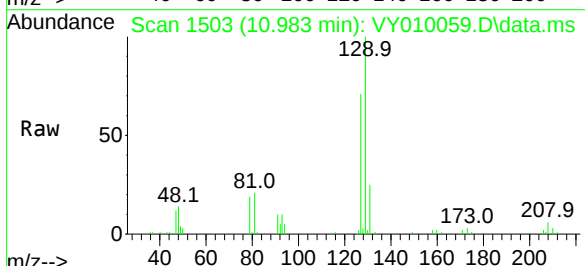
Acq: 17 Aug 2022 11:32

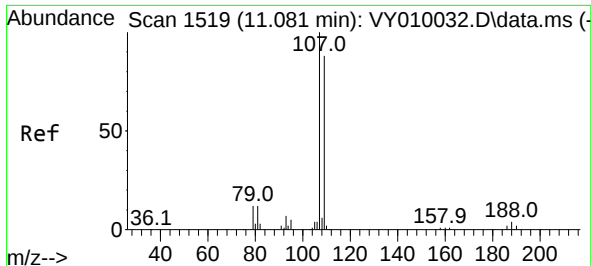
Tgt Ion: 129 Resp: 22105

Ion Ratio Lower Upper

129 100

127 75.9 38.1 114.5

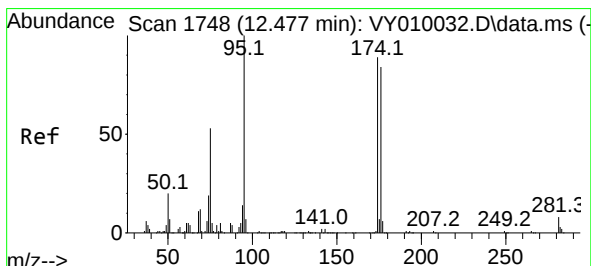
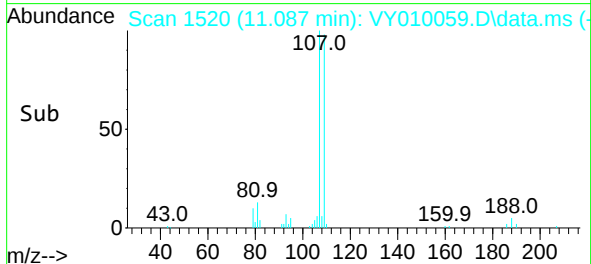
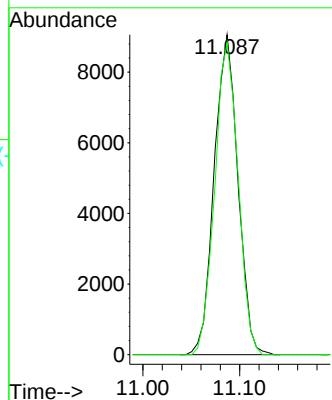
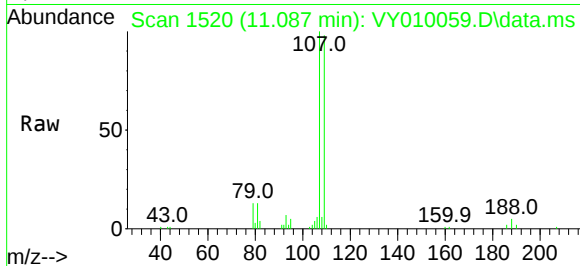




#61
1,2-Dibromoethane
Concen: 20.629 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

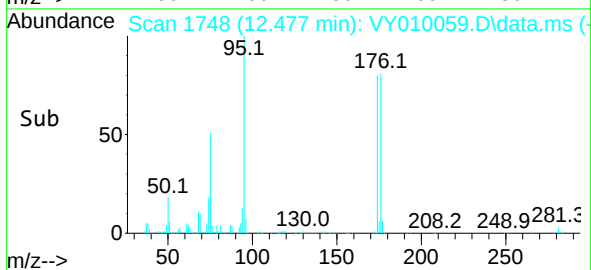
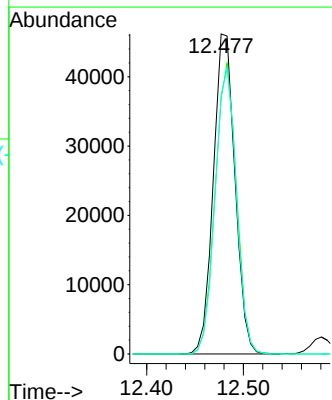
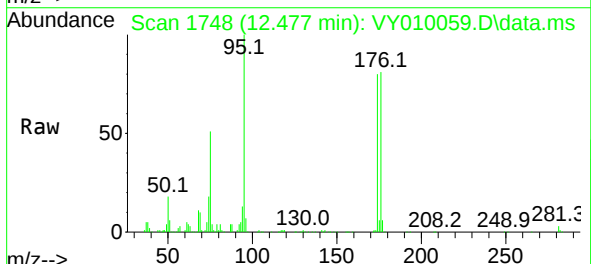
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

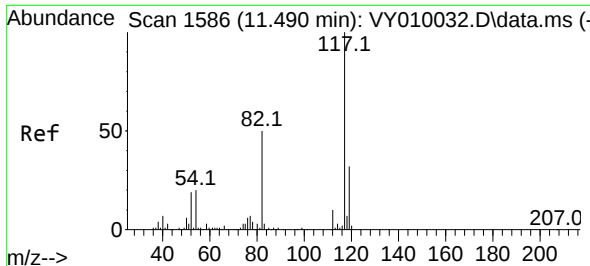
Tgt Ion:107 Resp: 15423
Ion Ratio Lower Upper
107 100
109 95.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 61.421 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

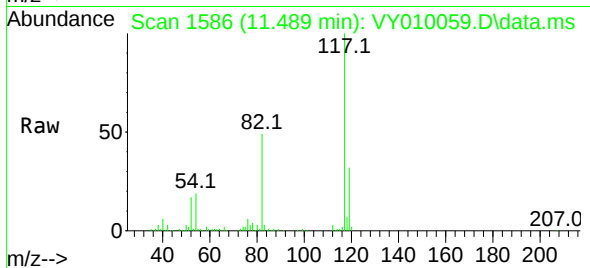
Tgt Ion: 95 Resp: 71829
Ion Ratio Lower Upper
95 100
174 89.6 0.0 184.2
176 87.9 0.0 178.4



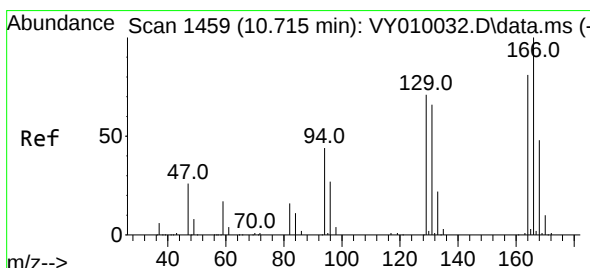
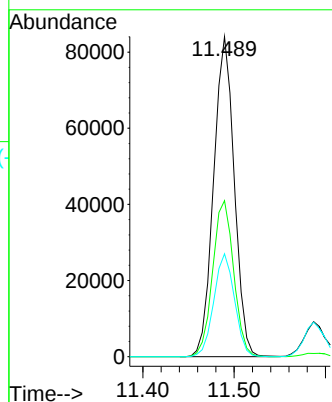
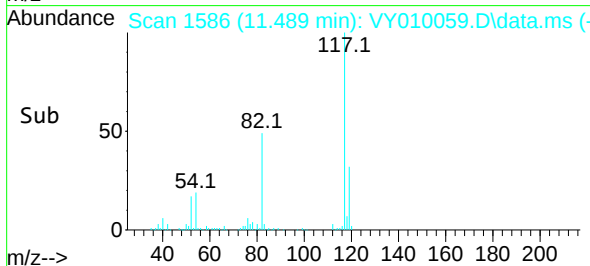


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

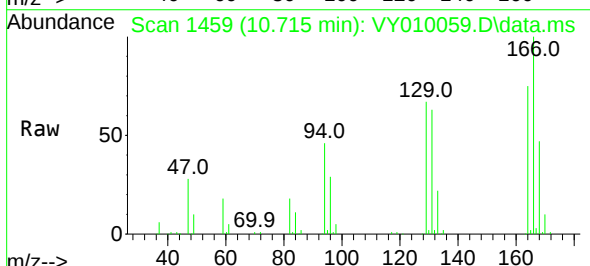
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01



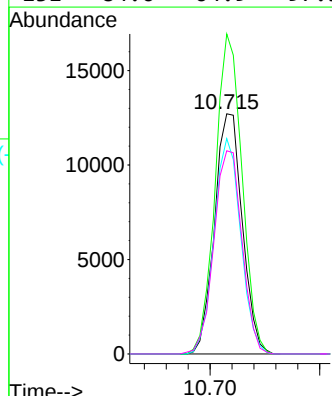
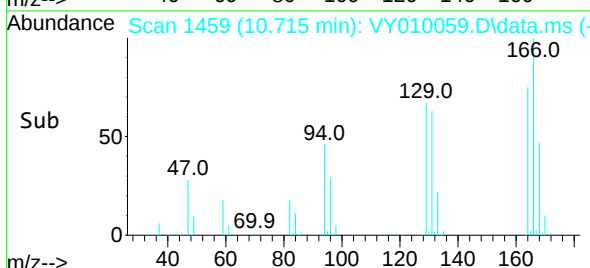
Tgt Ion:117 Resp: 132258
Ion Ratio Lower Upper
117 100
82 48.8 39.8 59.6
119 32.2 25.6 38.4

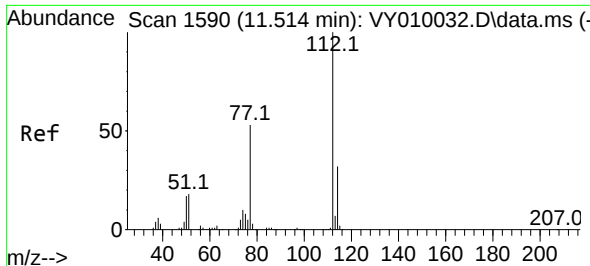


#64
Tetrachloroethene
Concen: 19.795 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32



Tgt Ion:164 Resp: 22356
Ion Ratio Lower Upper
164 100
166 133.2 98.8 148.2
129 89.7 70.1 105.1
131 84.6 64.9 97.3

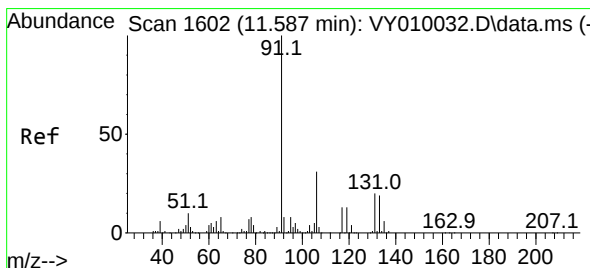
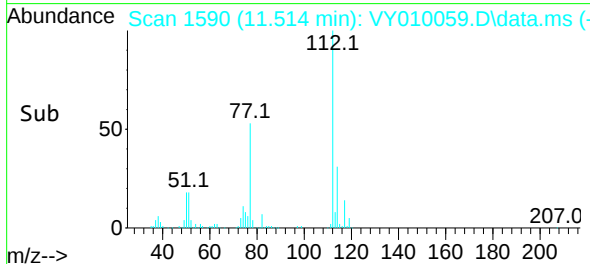
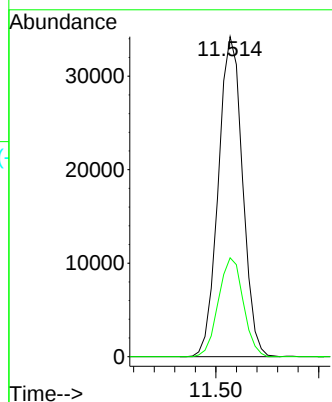
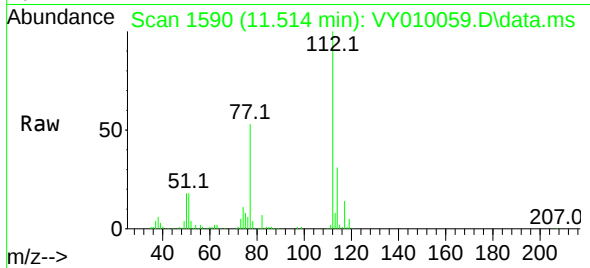




#65
Chlorobenzene
Concen: 20.313 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

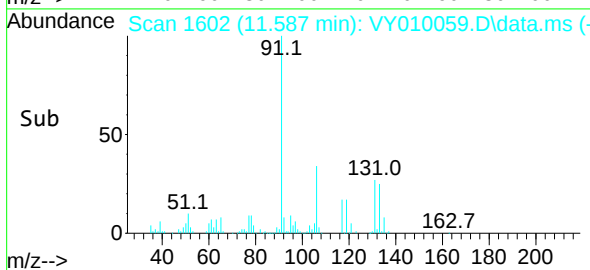
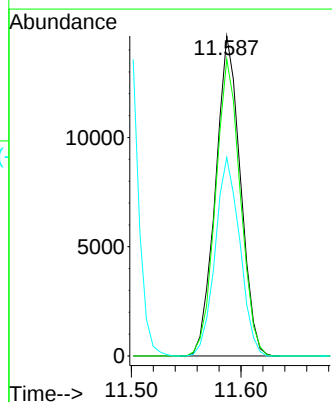
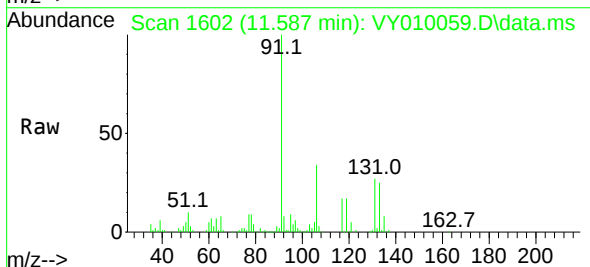
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

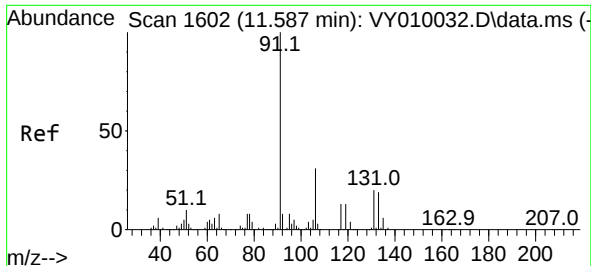
Tgt Ion:112 Resp: 56003
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.188 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion:131 Resp: 23146
Ion Ratio Lower Upper
131 100
133 92.1 47.0 141.0
119 61.2 30.9 92.7





#67

Ethyl Benzene

Concen: 19.394 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

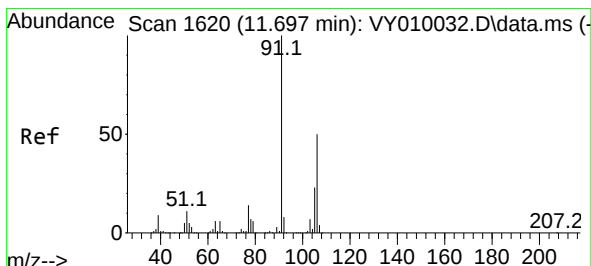
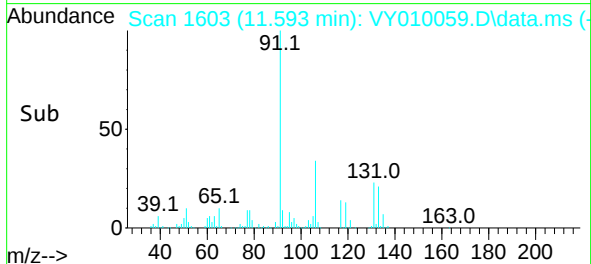
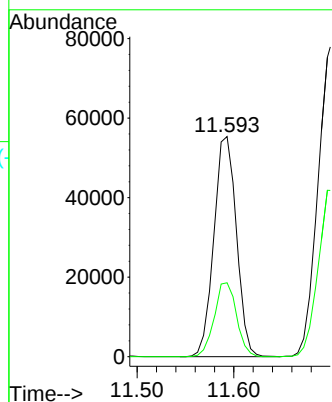
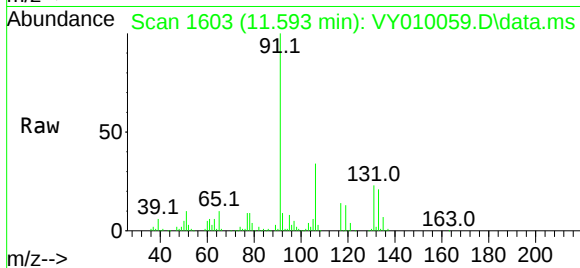
VY0817SBS01

Tgt Ion: 91 Resp: 89646

Ion Ratio Lower Upper

91 100

106 33.6 24.8 37.2



#68

m/p-Xylenes

Concen: 42.235 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010059.D

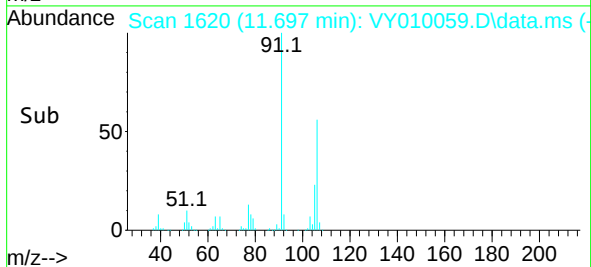
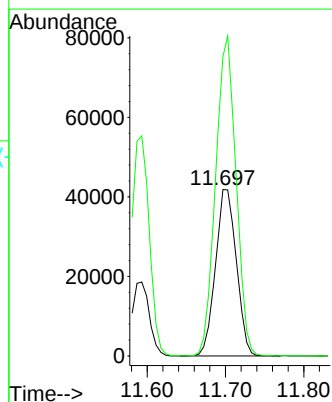
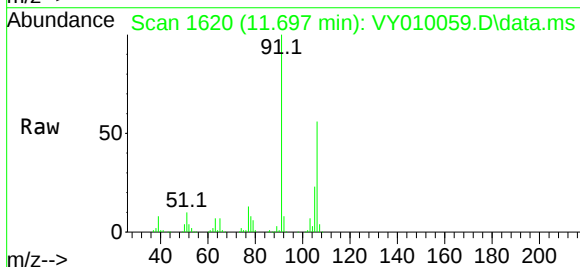
Acq: 17 Aug 2022 11:32

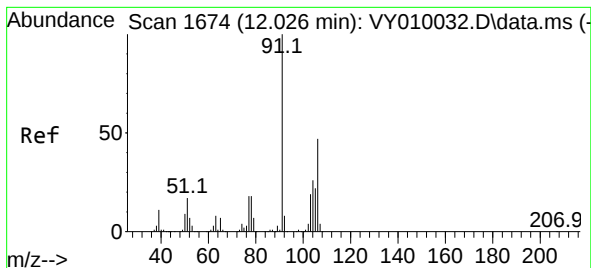
Tgt Ion:106 Resp: 77551

Ion Ratio Lower Upper

106 100

91 188.3 158.2 237.2





#69

o-Xylene

Concen: 20.966 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

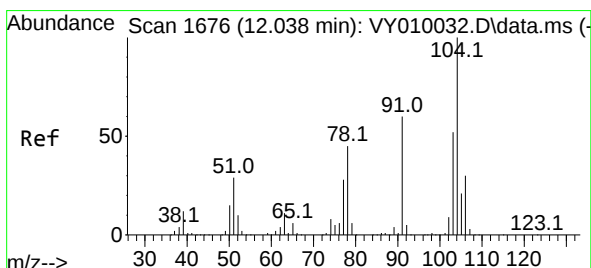
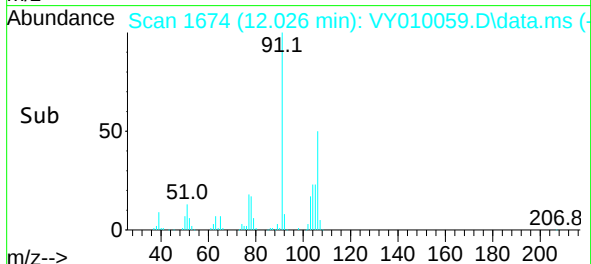
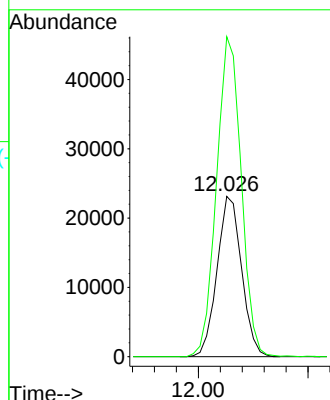
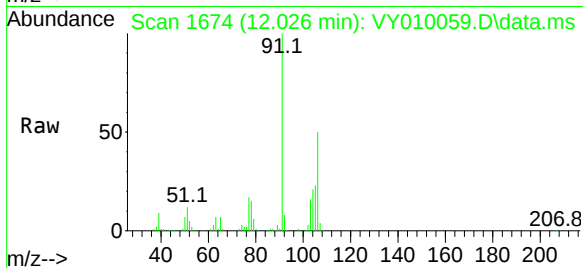
VY0817SBSD01

Tgt Ion:106 Resp: 35966

Ion Ratio Lower Upper

106 100

91 200.9 104.6 313.7



#70

Styrene

Concen: 20.884 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

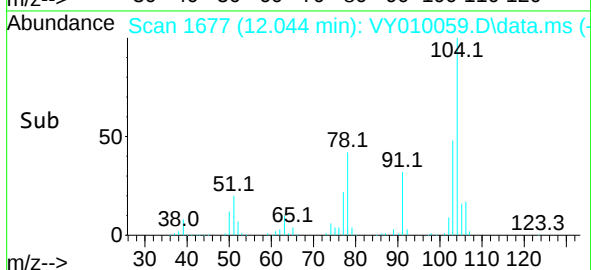
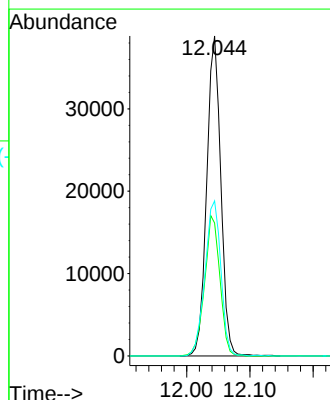
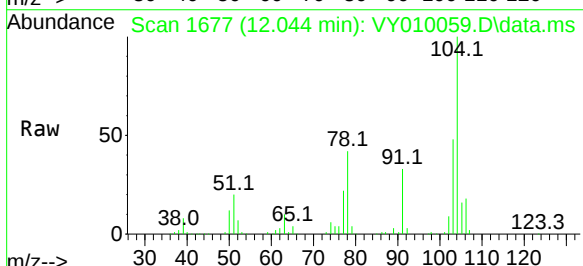
Tgt Ion:104 Resp: 60454

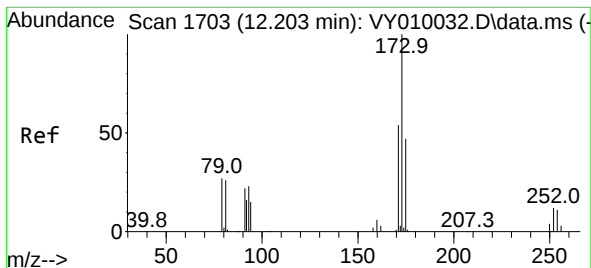
Ion Ratio Lower Upper

104 100

78 47.7 38.2 57.4

103 54.6 44.0 66.0





#71

Bromoform

Concen: 21.952 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

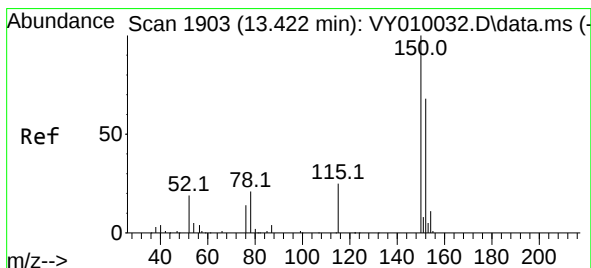
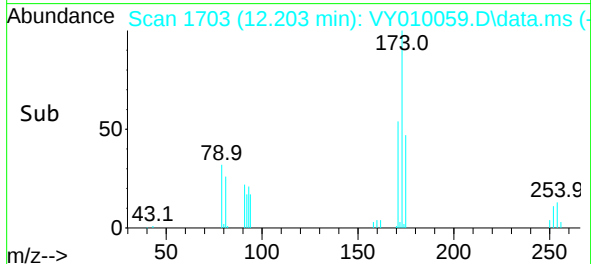
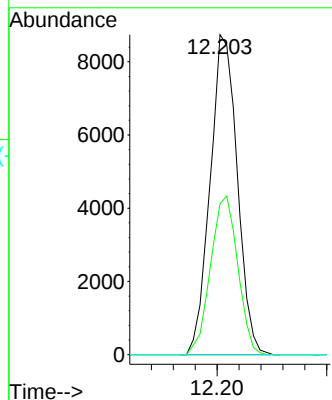
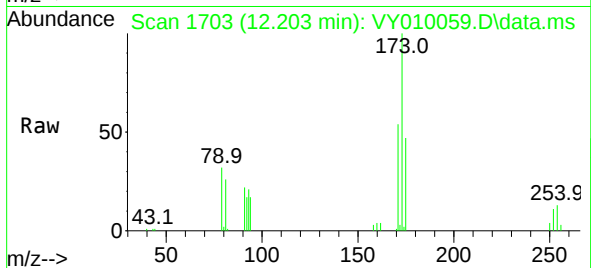
Tgt Ion:173 Resp: 15023

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

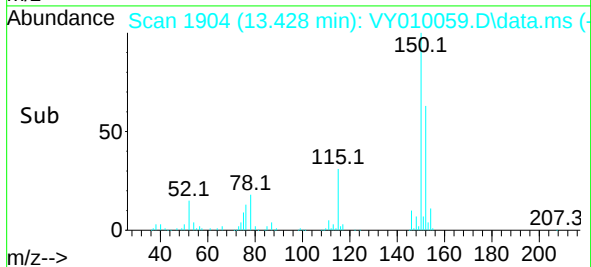
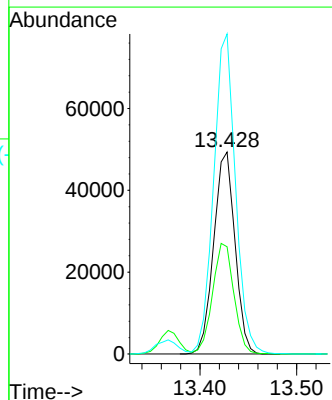
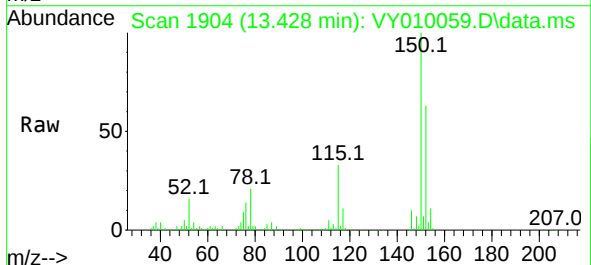
Tgt Ion:152 Resp: 75397

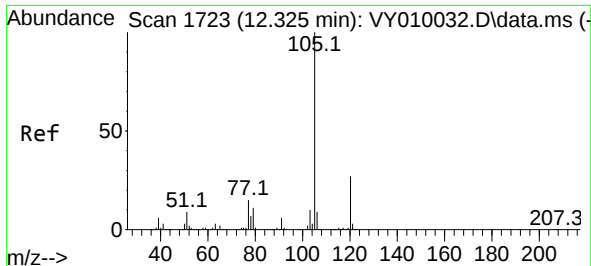
Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.3

150 162.8 0.0 346.6

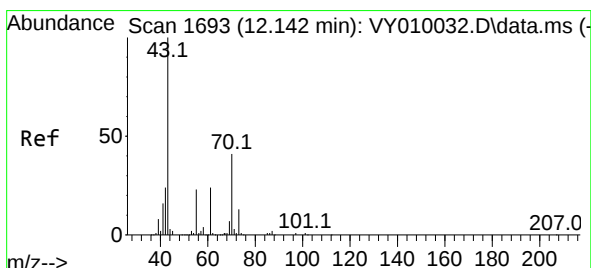
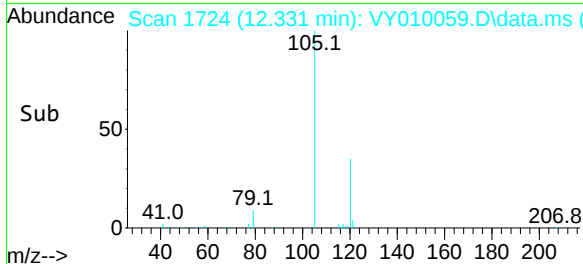
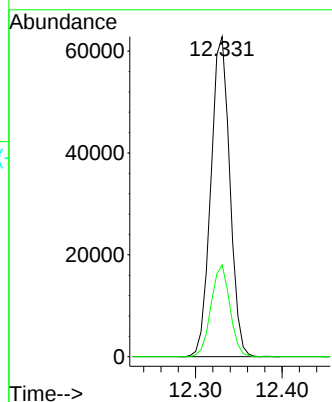
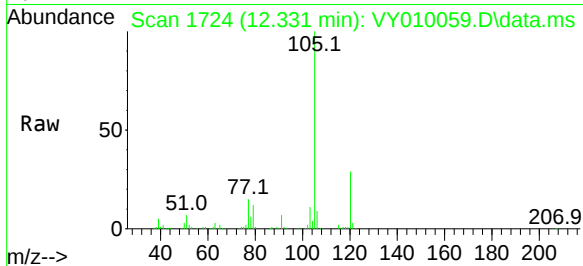




#73
Isopropylbenzene
Concen: 20.265 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

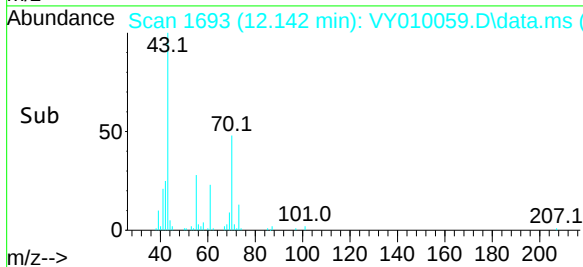
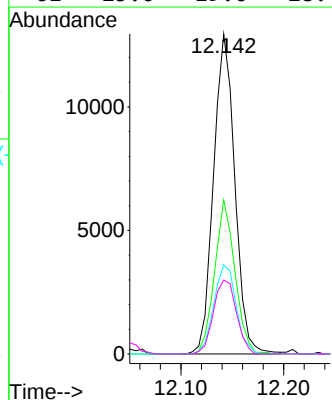
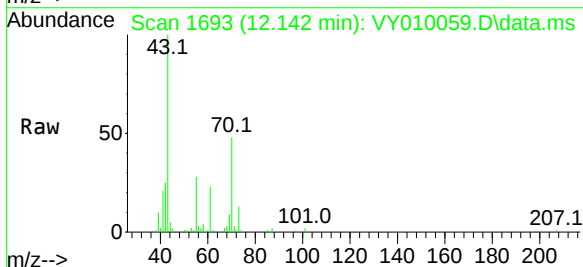
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

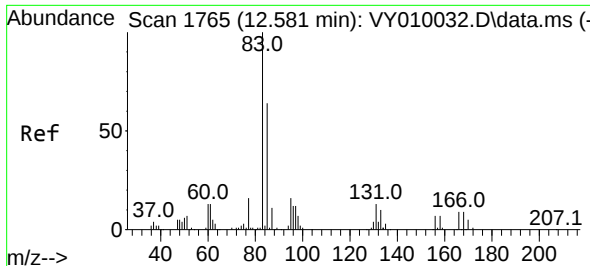
Tgt Ion:105 Resp: 95501
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4



#74
N-amy1 acetate
Concen: 17.326 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 43 Resp: 18602
Ion Ratio Lower Upper
43 100
70 45.9 32.3 48.5
55 29.1 19.3 28.9#
61 25.0 19.0 28.4

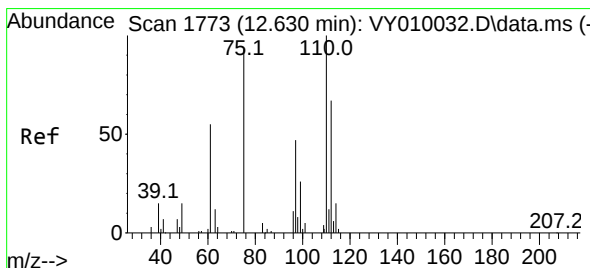
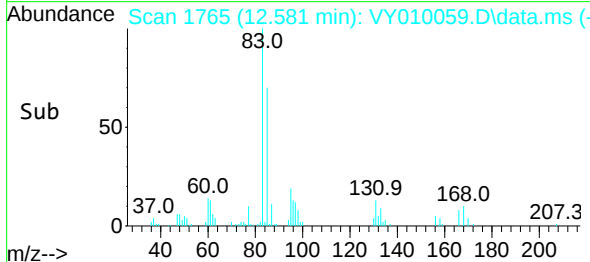
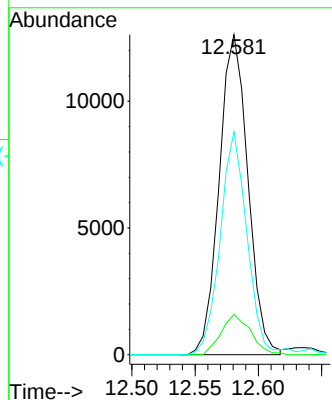
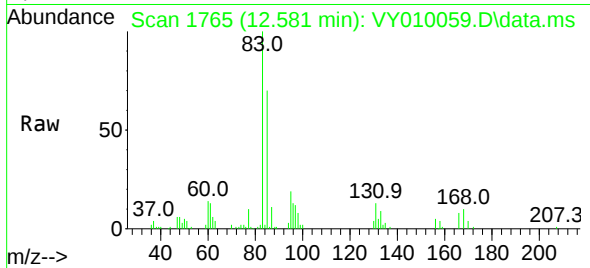




#75
1,1,2-Tetrachloroethane
Concen: 21.258 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

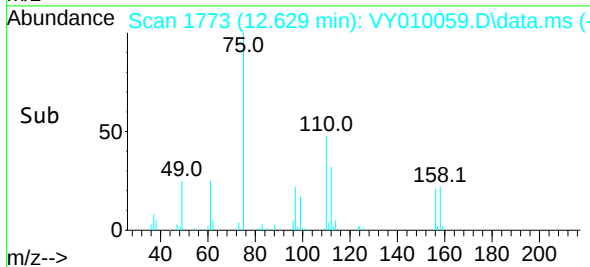
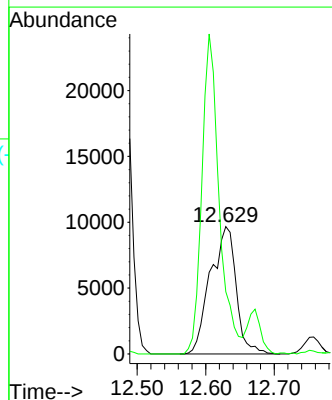
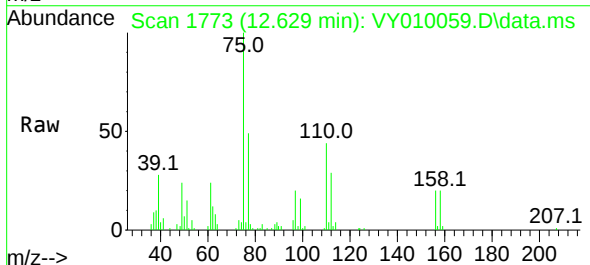
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

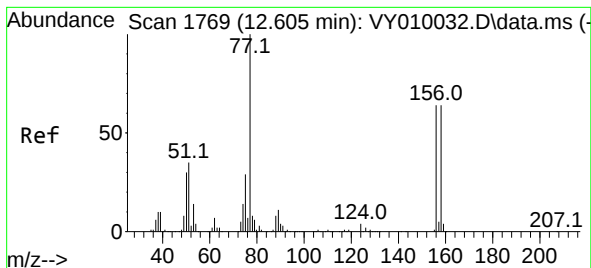
Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.9	5.8	17.3
85	65.3	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 35.278 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.005 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

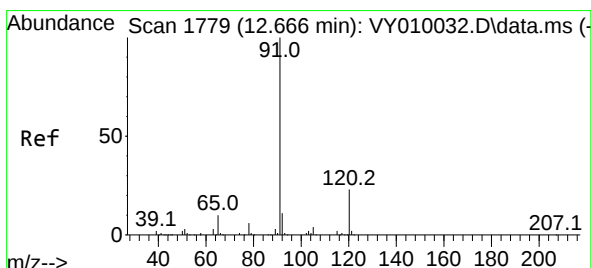
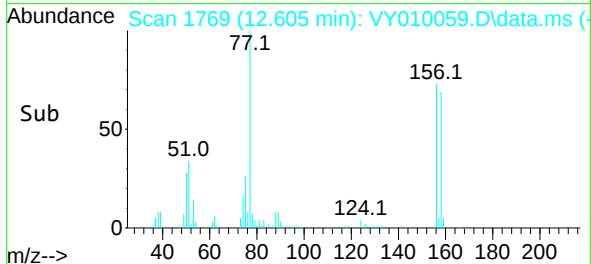
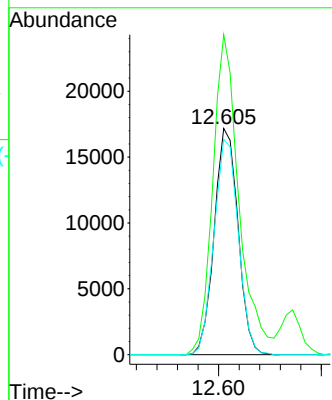
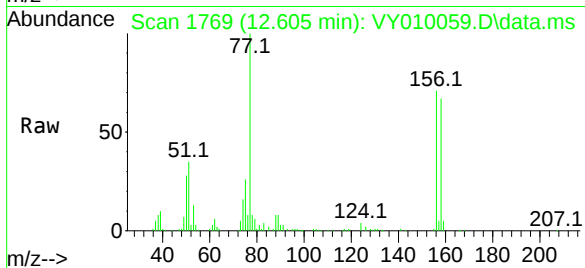
Tgt Ion:156 Resp: 27549

Ion Ratio Lower Upper

156 100

77 155.9 85.9 257.6

158 97.4 48.9 146.8



#78

n-propylbenzene

Concen: 20.704 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010059.D

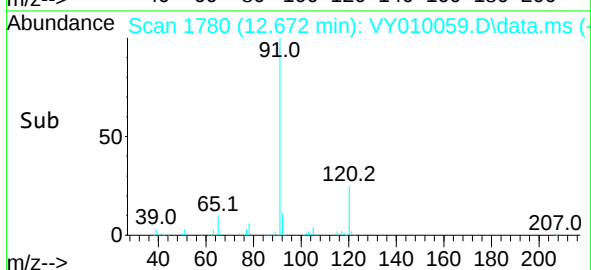
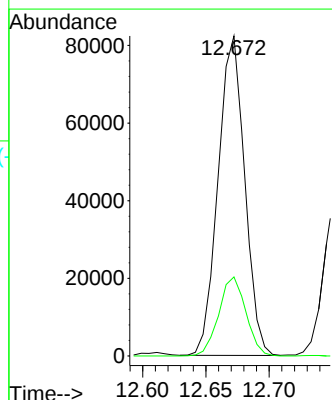
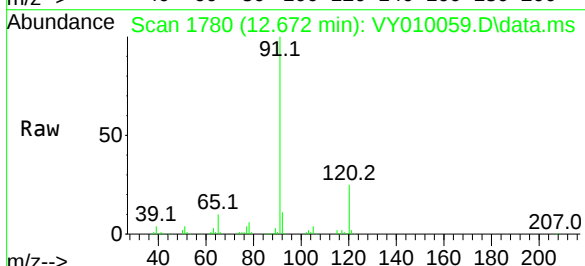
Acq: 17 Aug 2022 11:32

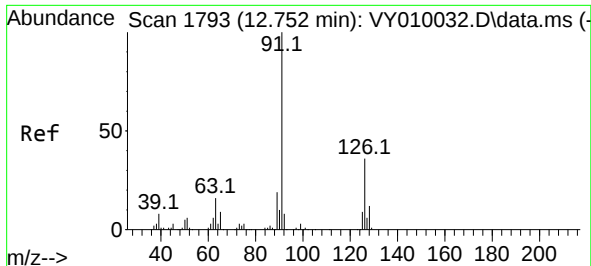
Tgt Ion: 91 Resp: 120286

Ion Ratio Lower Upper

91 100

120 25.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 20.998 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

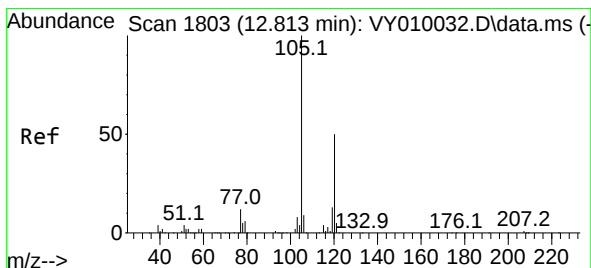
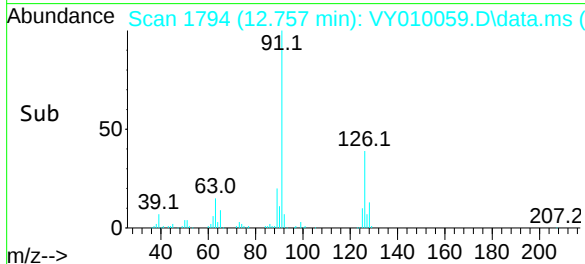
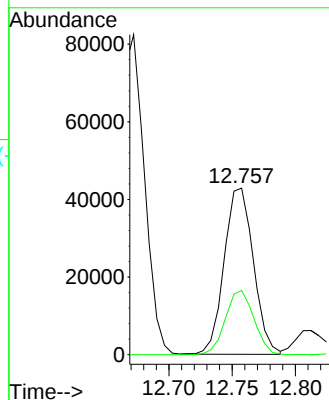
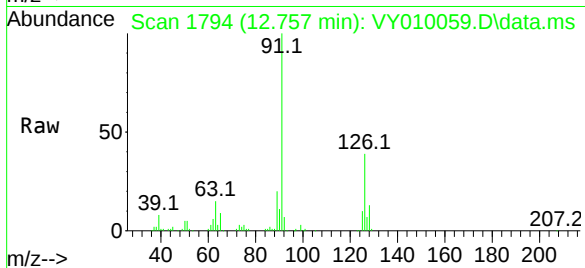
VY0817SBSD01

Tgt Ion: 91 Resp: 68986

Ion Ratio Lower Upper

91 100

126 37.7 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.407 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010059.D

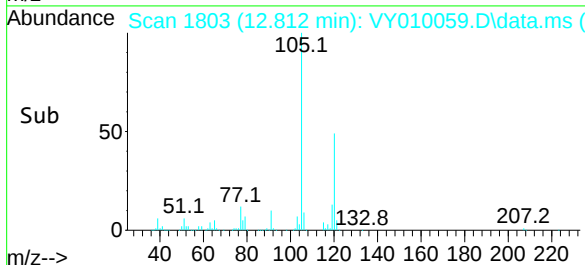
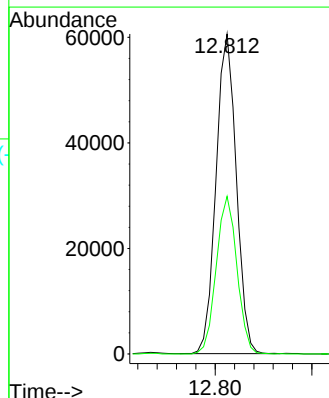
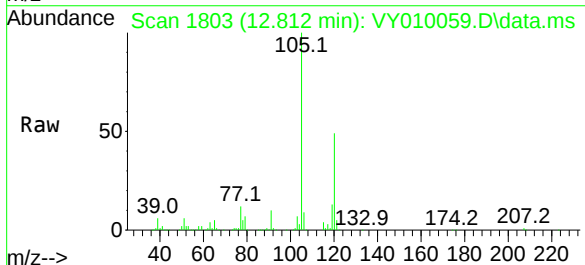
Acq: 17 Aug 2022 11:32

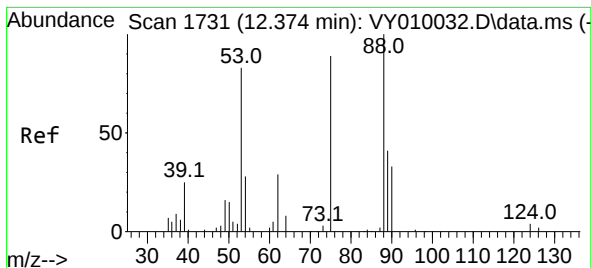
Tgt Ion: 105 Resp: 87886

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0

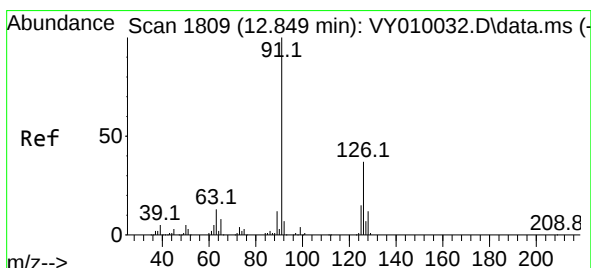
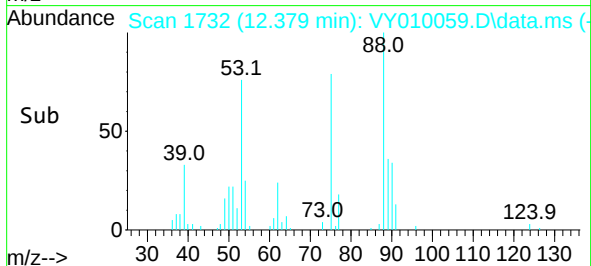
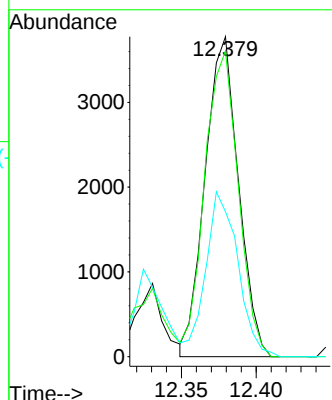
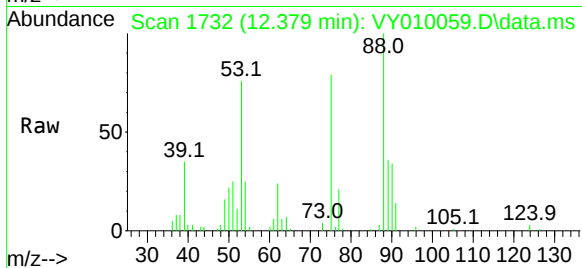




#81
trans-1,4-Dichloro-2-butene
Concen: 18.479 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

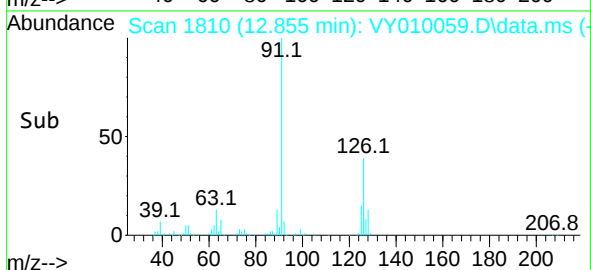
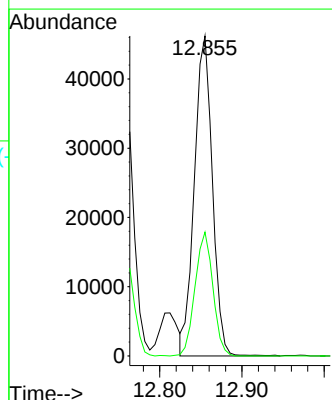
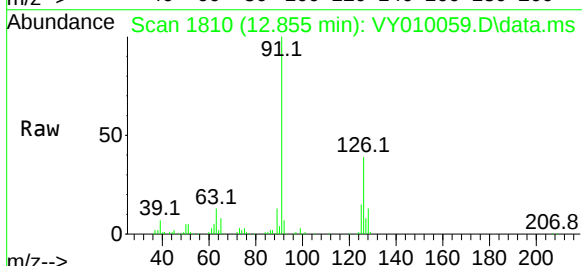
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

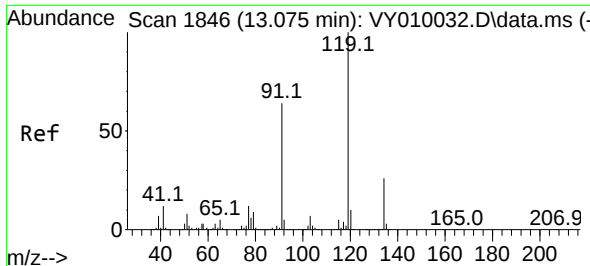
Tgt Ion: 75 Resp: 5844
Ion Ratio Lower Upper
75 100
53 96.4 74.2 111.4
89 49.9 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.458 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 91 Resp: 70313
Ion Ratio Lower Upper
91 100
126 38.4 18.3 54.9

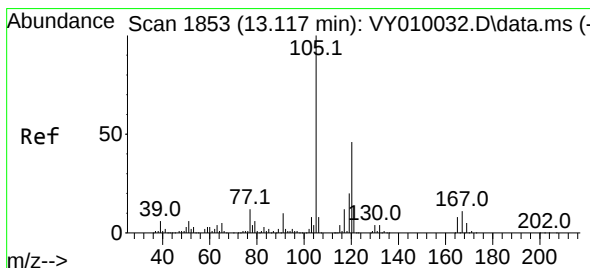
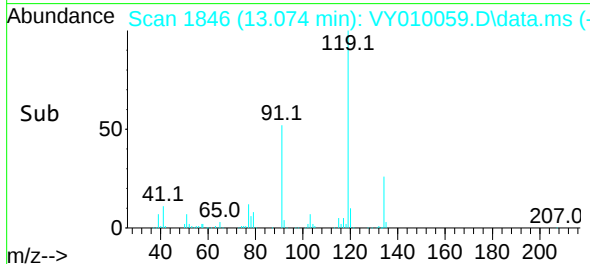
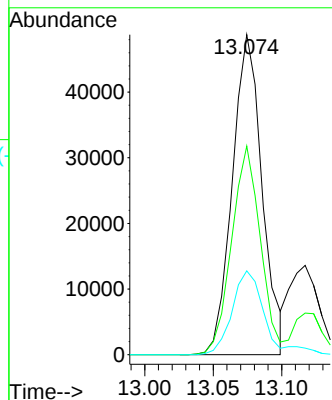
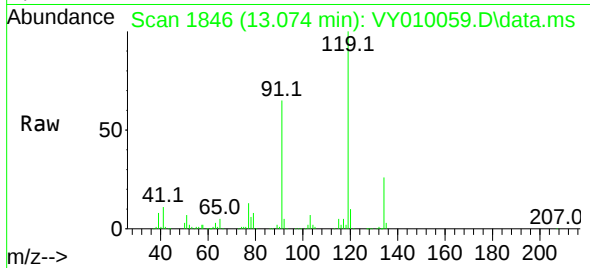




#83
tert-Butylbenzene
Concen: 20.449 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

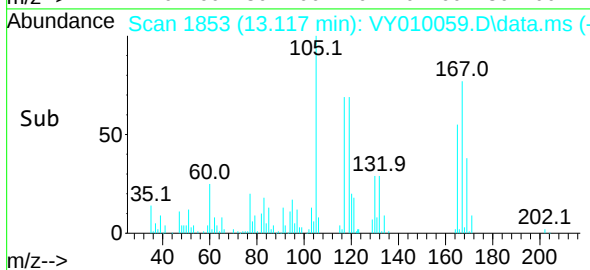
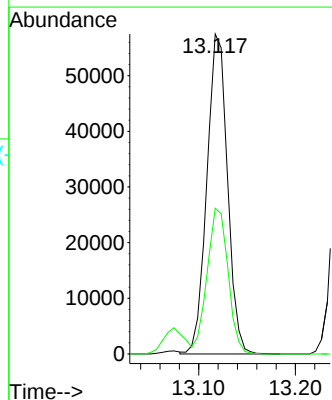
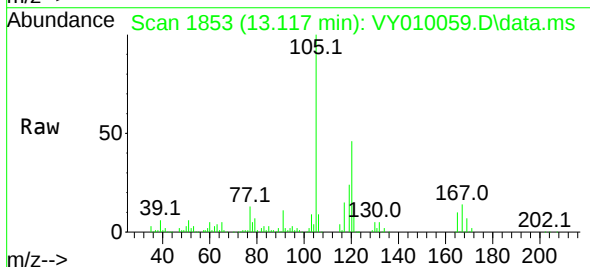
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBSD01

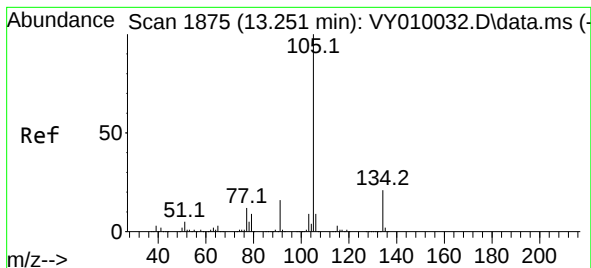
Tgt Ion:119 Resp: 73768
Ion Ratio Lower Upper
119 100
91 62.9 31.6 94.7
134 28.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.147 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion:105 Resp: 85242
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.551 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

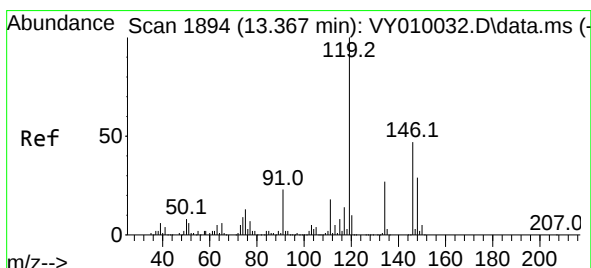
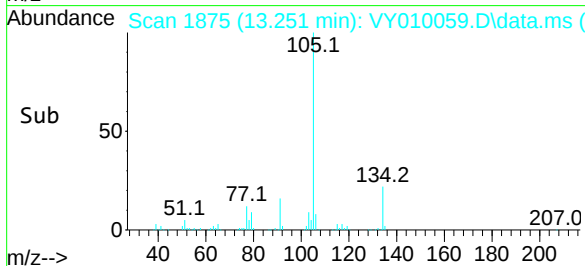
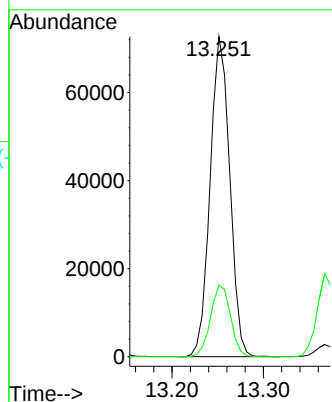
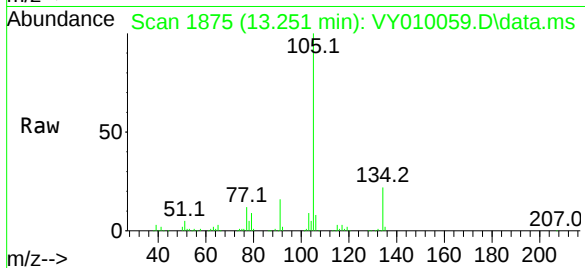
VY0817SBS01

Tgt Ion:105 Resp: 108286

Ion Ratio Lower Upper

105 100

134 22.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.856 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

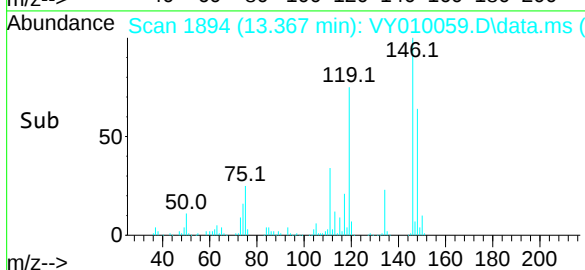
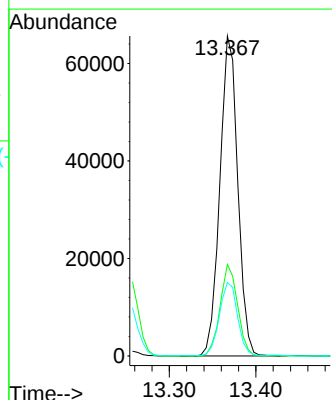
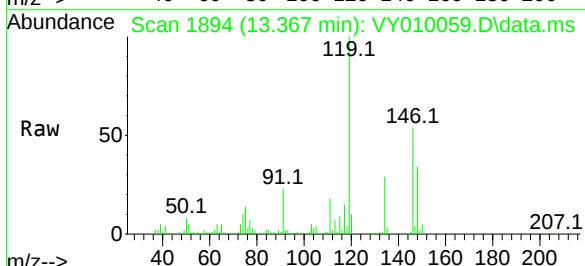
Tgt Ion:119 Resp: 94182

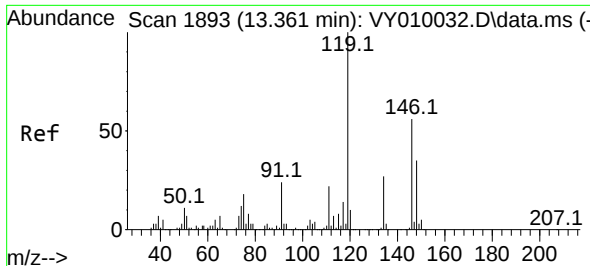
Ion Ratio Lower Upper

119 100

134 27.9 13.8 41.3

91 23.4 11.7 35.0

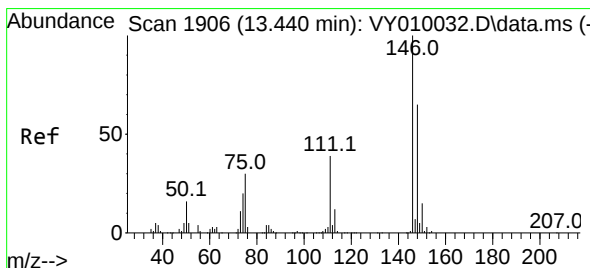
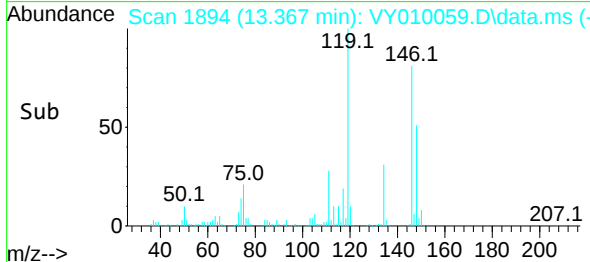
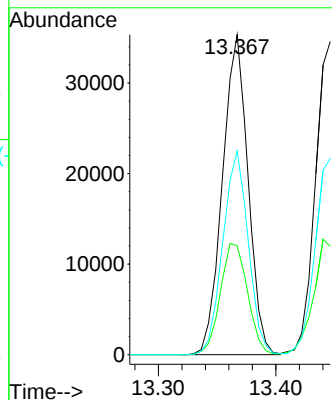
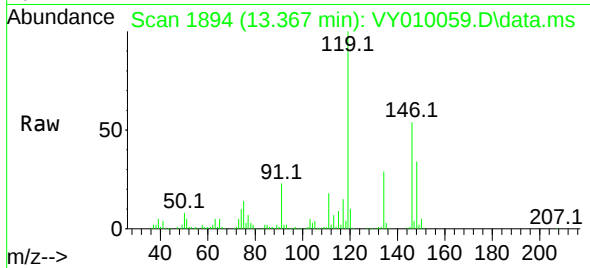




#87
1,3-Dichlorobenzene
Concen: 20.965 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

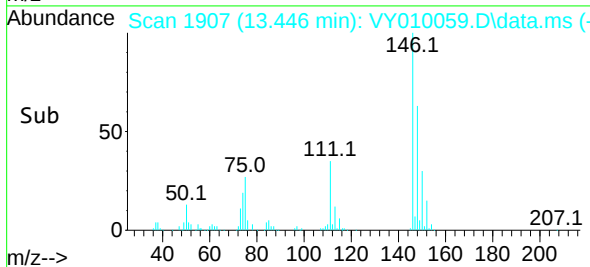
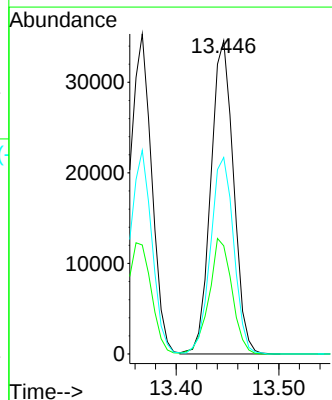
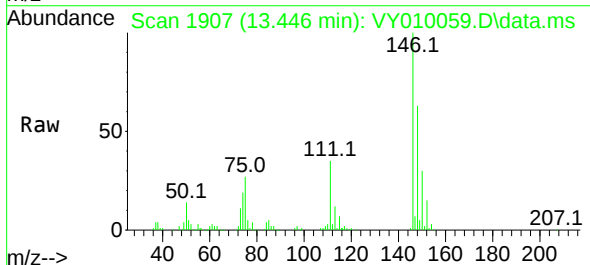
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

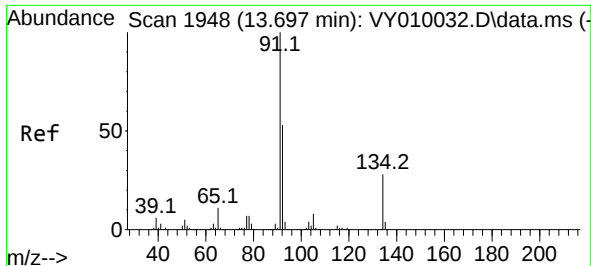
Tgt Ion:146 Resp: 53447
Ion Ratio Lower Upper
146 100
111 37.2 19.2 57.6
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.678 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion:146 Resp: 53221
Ion Ratio Lower Upper
146 100
111 37.1 19.1 57.1
148 64.1 32.3 96.9

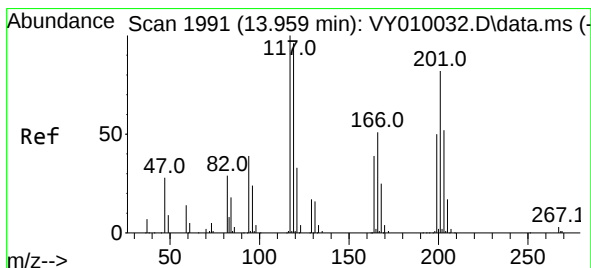
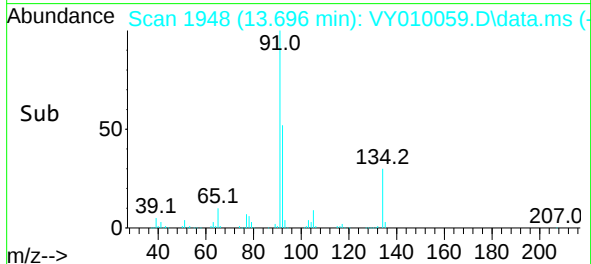
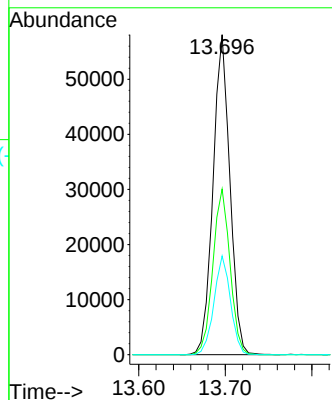
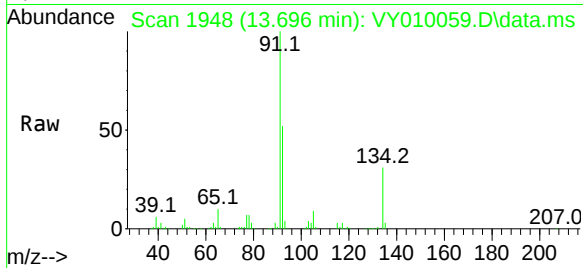




#89
n-Butylbenzene
Concen: 19.545 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

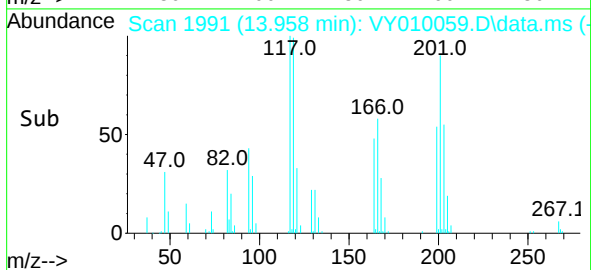
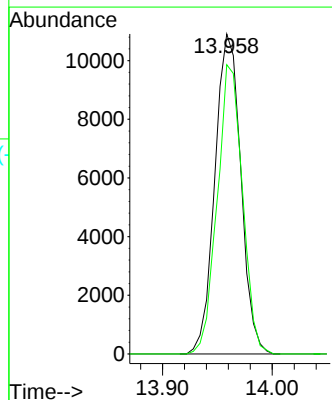
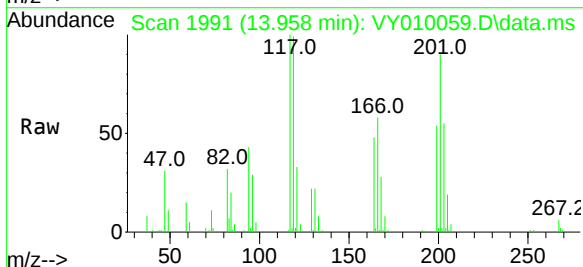
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

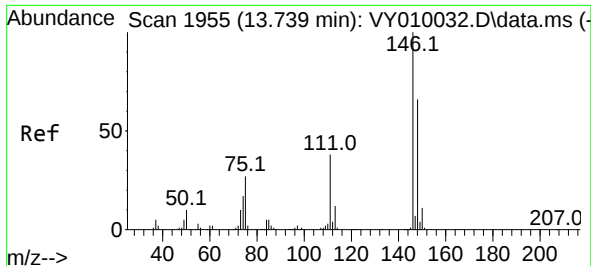
Tgt Ion: 91 Resp: 78634
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 30.3 13.6 40.8



#90
Hexachloroethane
Concen: 19.586 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010059.D
Acq: 17 Aug 2022 11:32

Tgt Ion: 117 Resp: 17928
Ion Ratio Lower Upper
117 100
201 87.9 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 20.539 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBSD01

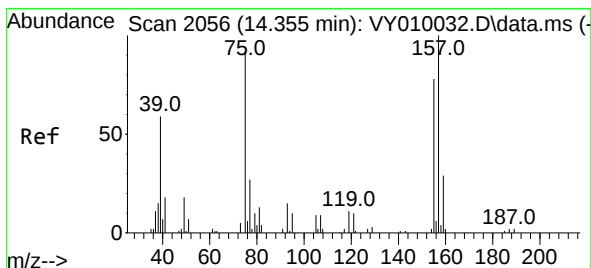
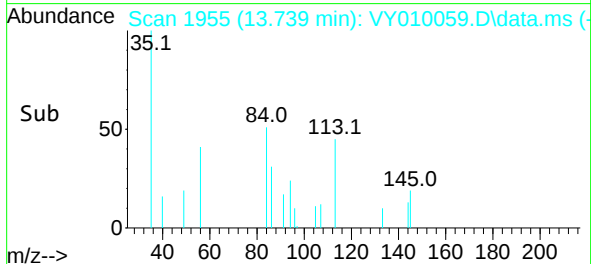
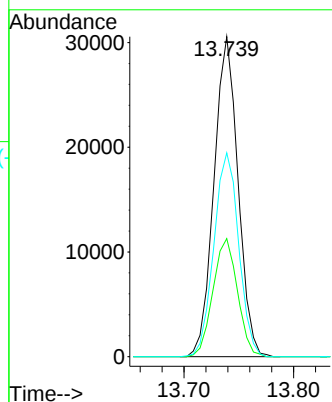
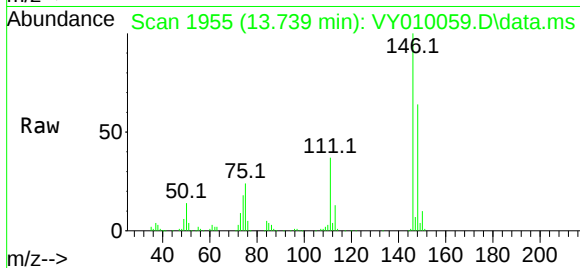
Tgt Ion:146 Resp: 46570

Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.4

148 65.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.109 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

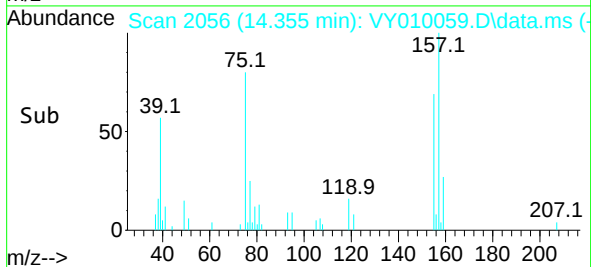
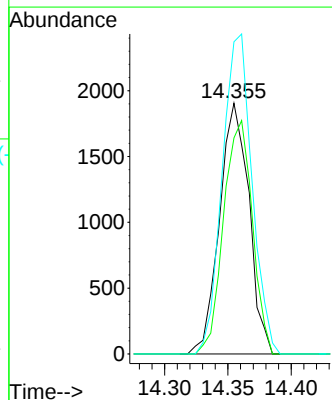
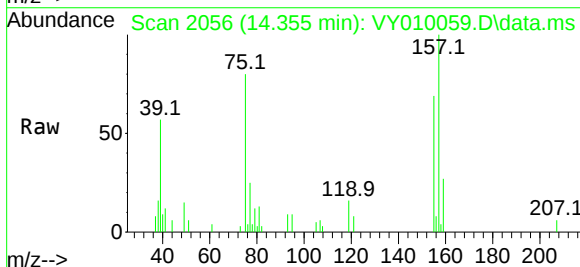
Tgt Ion: 75 Resp: 3077

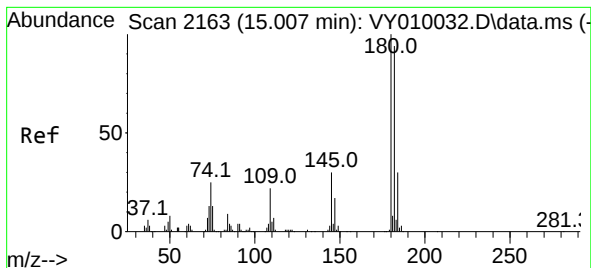
Ion Ratio Lower Upper

75 100

155 90.8 46.9 140.6

157 129.2 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 20.379 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

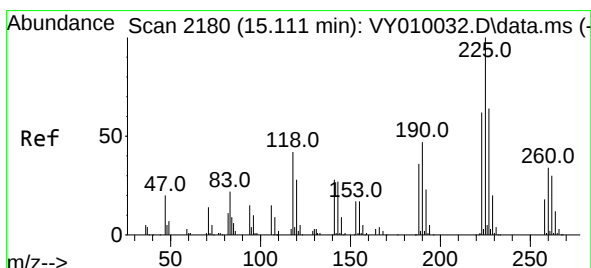
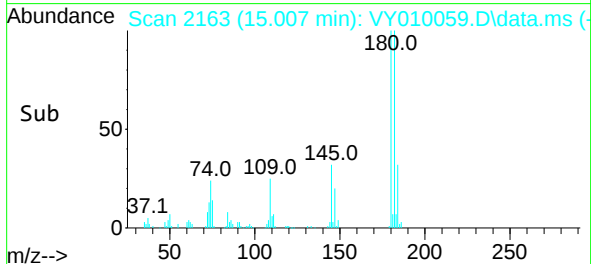
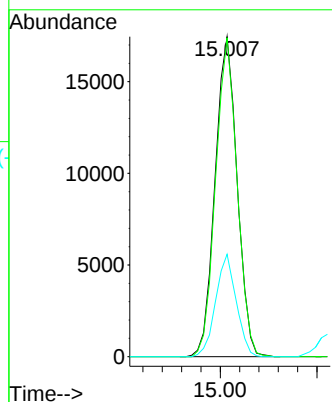
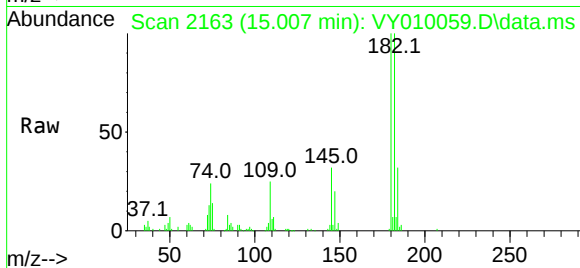
Tgt Ion:180 Resp: 27606

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.2

145 29.8 14.8 44.4



#94

Hexachlorobutadiene

Concen: 21.487 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

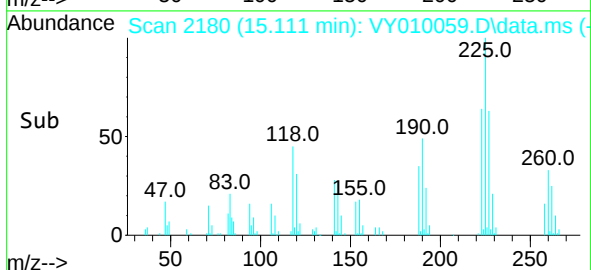
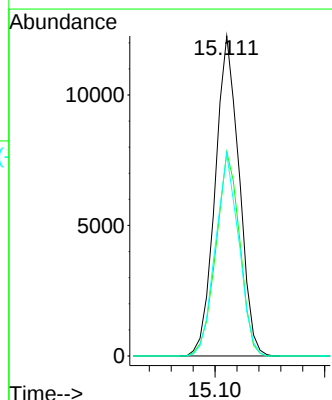
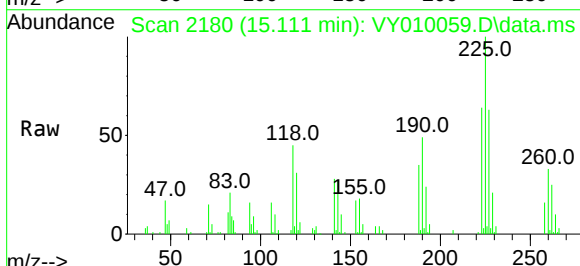
Tgt Ion:225 Resp: 18627

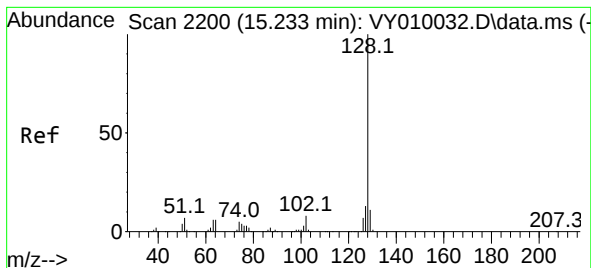
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 61.7 32.6 97.8





#95

Naphthalene

Concen: 19.204 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

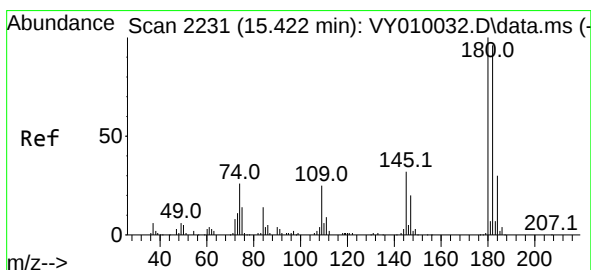
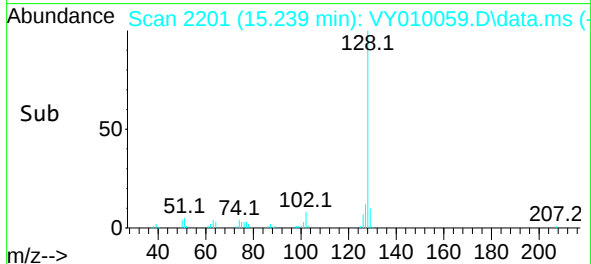
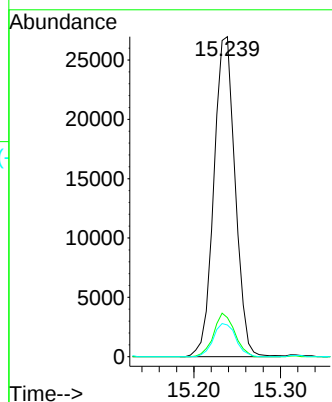
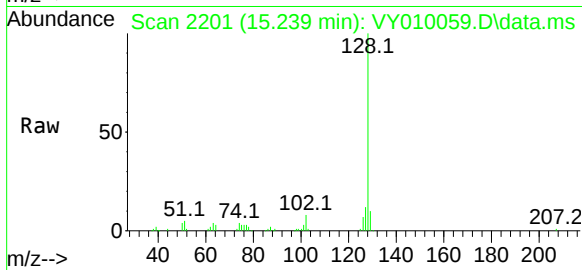
Tgt Ion:128 Resp: 46055

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.712 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010059.D

Acq: 17 Aug 2022 11:32

Tgt Ion:180 Resp: 23502

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.0

145 33.2 15.7 47.0

