

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020648.D
 Acq On : 19 Dec 2024 12:16
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Quant Time: Dec 20 00:48:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	187374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	297478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93305	45.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.940%		
35) Dibromofluoromethane	7.634	113	93862	44.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.540%		
50) Toluene-d8	10.103	98	332399	45.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.600%		
62) 4-Bromofluorobenzene	12.402	95	124702	43.442	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	86.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	44009	18.804	ug/l	98
3) Chloromethane	2.068	50	25547	14.732	ug/l	98
4) Vinyl Chloride	2.202	62	24473	15.163	ug/l	99
5) Bromomethane	2.592	94	16142	15.559	ug/l	96
6) Chloroethane	2.733	64	14952	14.991	ug/l	96
7) Trichlorofluoromethane	3.062	101	58410	17.295	ug/l	95
8) Diethyl Ether	3.458	74	18320	15.468	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.824	101	40149	16.586	ug/l	97
10) Methyl Iodide	4.007	142	49248	18.273	ug/l	99
11) Tert butyl alcohol	4.872	59	20088	69.122	ug/l	99
12) 1,1-Dichloroethene	3.793	96	37628	16.020	ug/l	93
13) Acrolein	3.653	56	7082	72.984	ug/l	96
14) Allyl chloride	4.385	41	72949	17.725	ug/l	99
15) Acrylonitrile	5.068	53	56634	99.950	ug/l	100
16) Acetone	3.879	43	31360	72.348	ug/l	96
17) Carbon Disulfide	4.110	76	123486	16.152	ug/l	99
18) Methyl Acetate	4.385	43	26425	18.926	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	128833	21.252	ug/l	99
20) Methylene Chloride	4.622	84	49022	19.213	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	53881	20.451	ug/l	100
22) Diisopropyl ether	6.019	45	174885	20.934	ug/l	95
23) Vinyl Acetate	5.964	43	484917	102.487	ug/l	98
24) 1,1-Dichloroethane	5.921	63	100685	20.573	ug/l	99
25) 2-Butanone	6.896	43	70790	92.822	ug/l	99
26) 2,2-Dichloropropane	6.884	77	79396	17.161	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	62378	20.578	ug/l	98
28) Bromochloromethane	7.250	49	27430	16.616	ug/l	96
29) Tetrahydrofuran	7.262	42	48247	100.214	ug/l	97
30) Chloroform	7.421	83	104252	17.804	ug/l	96
31) Cyclohexane	7.701	56	90234	19.283	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	92248	20.516	ug/l	99
36) 1,1-Dichloropropene	7.835	75	74526	19.494	ug/l	99
37) Ethyl Acetate	6.988	43	35185	19.566	ug/l	98
38) Carbon Tetrachloride	7.817	117	83682	19.785	ug/l	96
39) Methylcyclohexane	9.110	83	95647	19.196	ug/l	98
40) Benzene	8.079	78	224893	20.069	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	18937	19.919	ug/l	94
42) 1,2-Dichloroethane	8.158	62	60759	20.444	ug/l	99
43) Isopropyl Acetate	8.201	43	68477	20.114	ug/l	99
44) Trichloroethene	8.866	130	55983	20.332	ug/l	99
45) 1,2-Dichloropropane	9.140	63	54592	20.845	ug/l	100
46) Dibromomethane	9.231	93	28370	20.497	ug/l	98
47) Bromodichloromethane	9.420	83	76846	20.554	ug/l	97
48) Methyl methacrylate	9.219	41	31654	19.559	ug/l	98
49) 1,4-Dioxane	9.231	88	6850	431.556	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	175700	97.776	ug/l	99
52) Toluene	10.170	92	141527	20.323	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	70524	20.244	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	83064	20.121	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	38140	20.842	ug/l	98
56) Ethyl methacrylate	10.439	69	53934	20.316	ug/l	97
57) 1,3-Dichloropropane	10.713	76	68011	20.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	97648	87.418	ug/l	99
59) 2-Hexanone	10.762	43	112285	97.323	ug/l	98
60) Dibromochloromethane	10.908	129	50701	20.717	ug/l	97
61) 1,2-Dibromoethane	11.018	107	34845	20.471	ug/l	99
64) Tetrachloroethene	10.646	164	48558	19.850	ug/l	94
65) Chlorobenzene	11.438	112	151012	20.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	52397	21.072	ug/l	98
67) Ethyl Benzene	11.518	91	273589	20.393	ug/l	100
68) m/p-Xylenes	11.627	106	203239	40.745	ug/l	100
69) o-Xylene	11.957	106	95641	20.550	ug/l	98
70) Styrene	11.969	104	161573	20.779	ug/l	99
71) Bromoform	12.133	173	30081	21.516	ug/l #	99
73) Isopropylbenzene	12.255	105	258314	20.303	ug/l	100
74) N-amyl acetate	12.072	43	58991	19.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	43713	21.166	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	56906	37.572	ug/l #	100
77) Bromobenzene	12.530	156	58884	21.246	ug/l	96
78) n-propylbenzene	12.597	91	313629	20.460	ug/l	100
79) 2-Chlorotoluene	12.676	91	177260	20.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	211239	20.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14009	19.415	ug/l	99
82) 4-Chlorotoluene	12.780	91	182881	20.440	ug/l	99
83) tert-Butylbenzene	12.999	119	192166	20.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	211889	20.924	ug/l	100
85) sec-Butylbenzene	13.176	105	277206	20.391	ug/l	100
86) p-Isopropyltoluene	13.292	119	229321	20.460	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	114859	20.994	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	112768	20.811	ug/l	99
89) n-Butylbenzene	13.615	91	213814	20.129	ug/l	99
90) Hexachloroethane	13.883	117	46309	20.849	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	99191	20.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6717	20.033	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	58884	20.537	ug/l	100
94) Hexachlorobutadiene	15.029	225	38722	20.659	ug/l	99
95) Naphthalene	15.145	128	102448	20.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50871	20.999	ug/l	100

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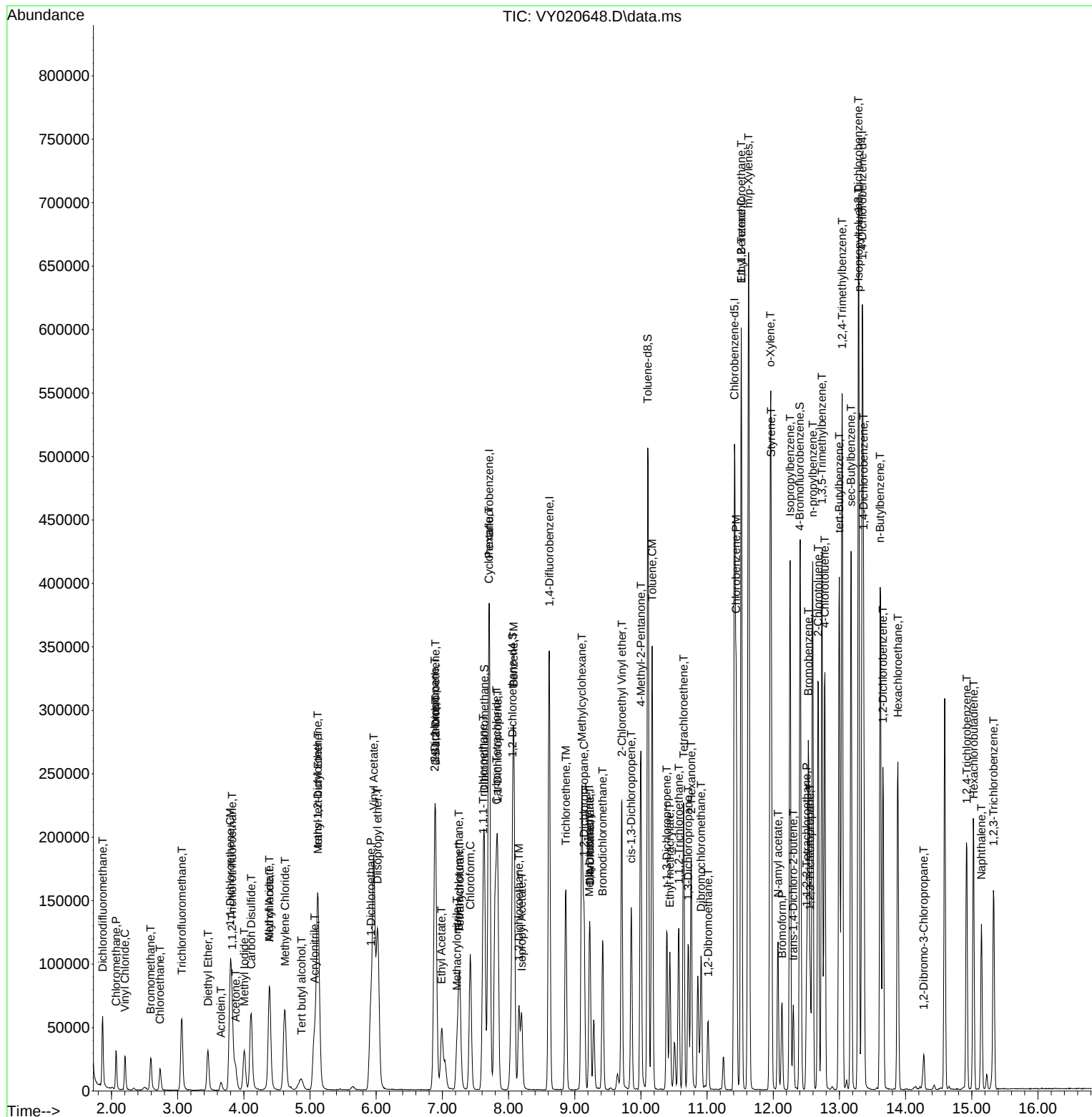
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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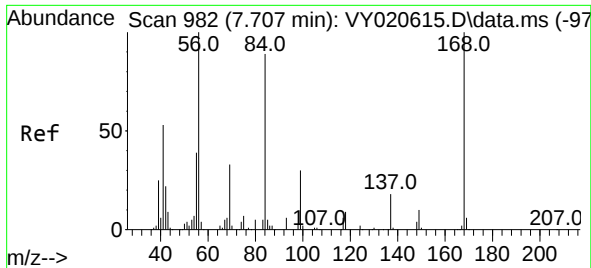
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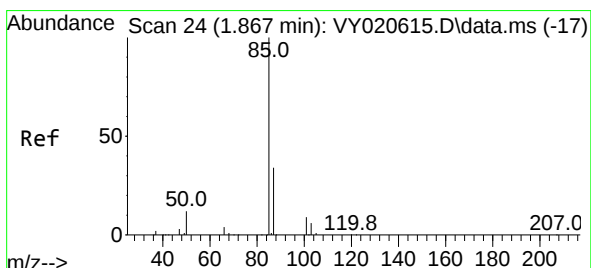
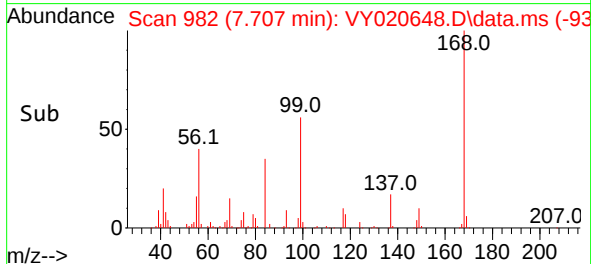
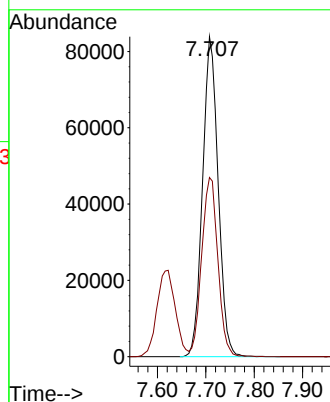
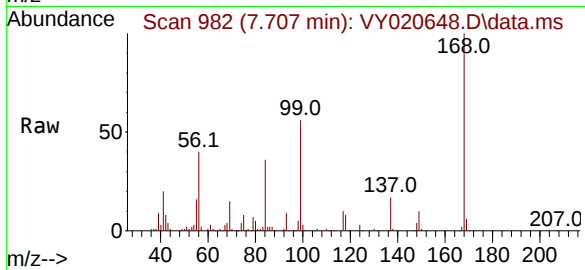




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020648.D
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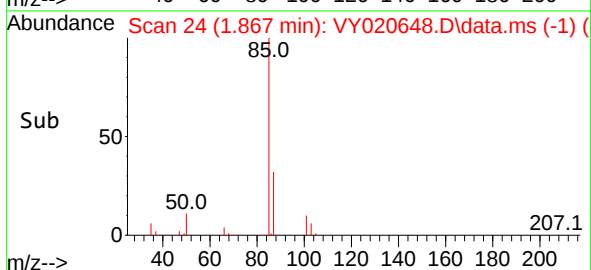
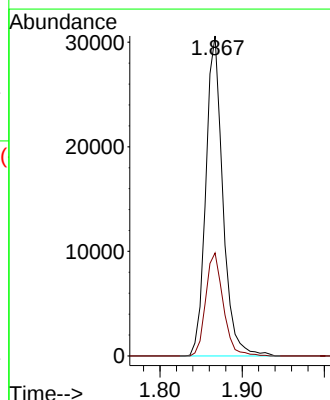
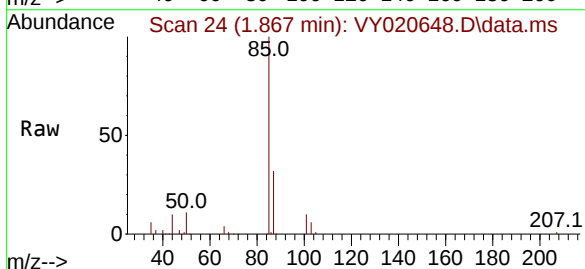
Instrument :
MSVOA_Y
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VY1219SBSD01

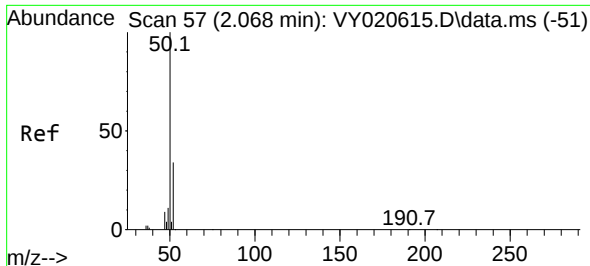
Tgt Ion:168 Resp: 187374
Ion Ratio Lower Upper
168 100
99 56.0 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 18.804 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 85 Resp: 44009
Ion Ratio Lower Upper
85 100
87 32.2 16.8 50.3

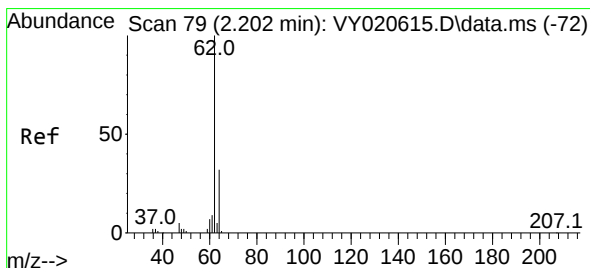
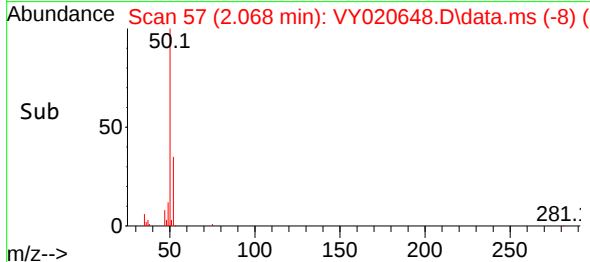
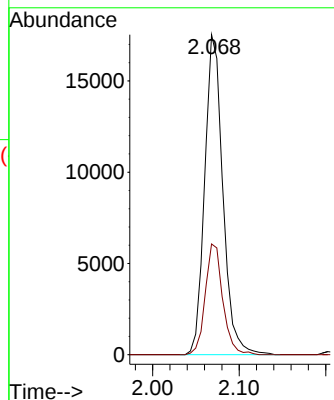
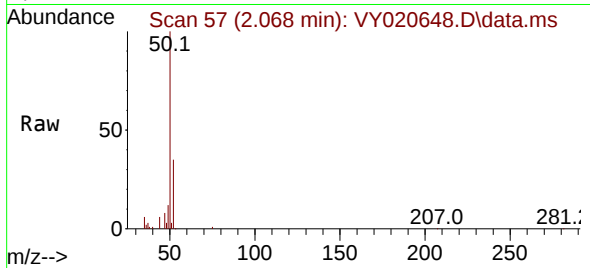




#3
Chloromethane
Concen: 14.732 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

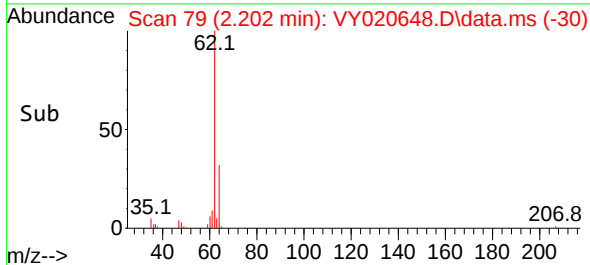
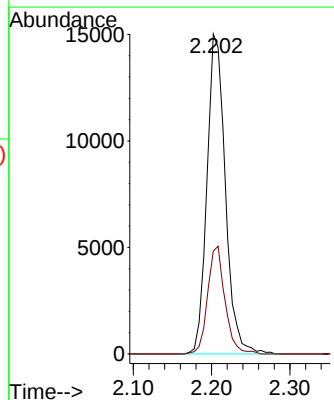
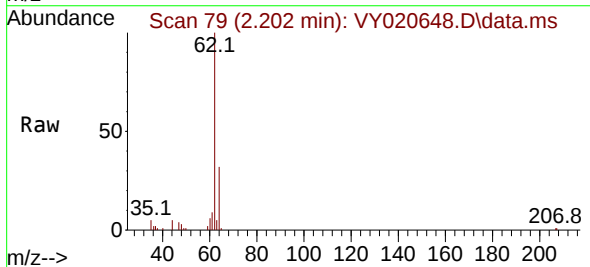
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ClientSampleId :
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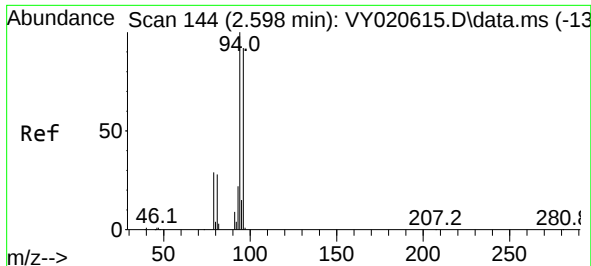
Tgt Ion: 50 Resp: 25547
Ion Ratio Lower Upper
50 100
52 34.6 26.8 40.2



#4
Vinyl Chloride
Concen: 15.163 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 62 Resp: 24473
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

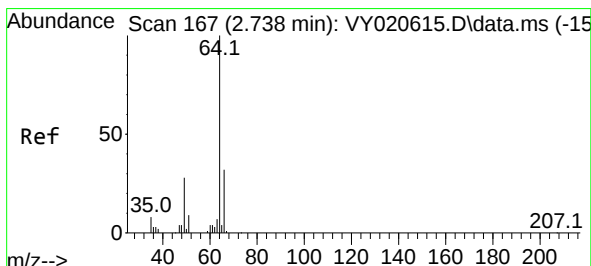
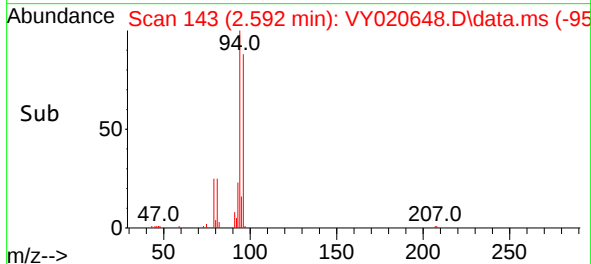
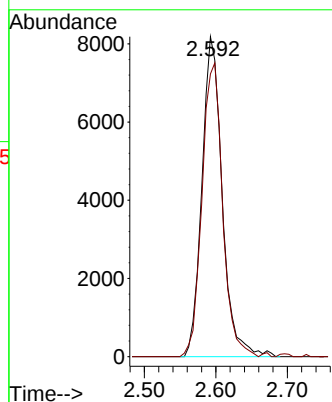
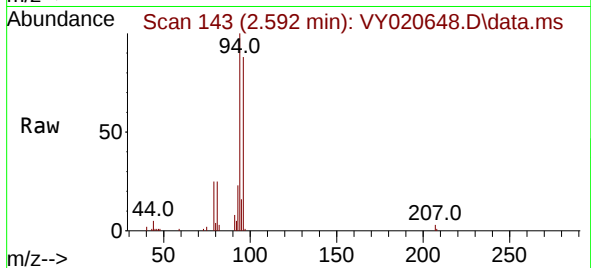




#5
Bromomethane
Concen: 15.559 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

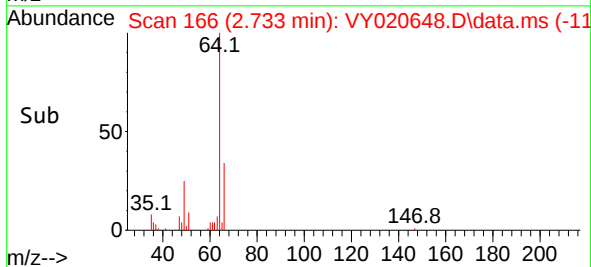
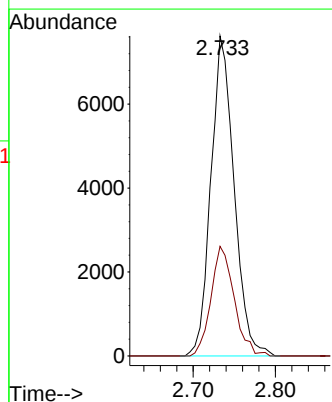
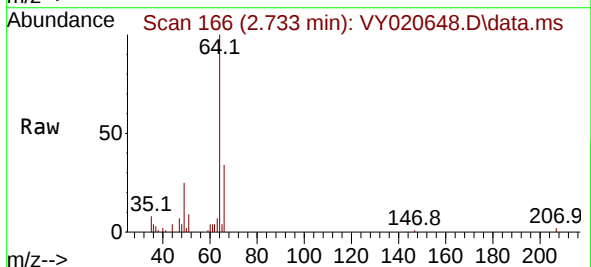
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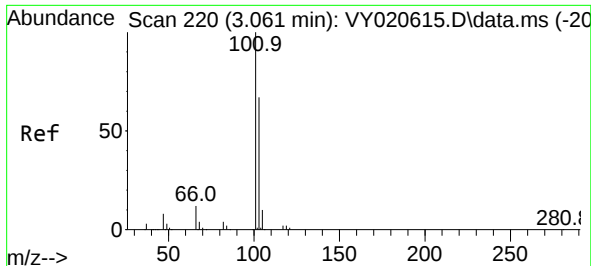
Tgt Ion: 94 Resp: 16142
Ion Ratio Lower Upper
94 100
96 88.3 73.8 110.6



#6
Chloroethane
Concen: 14.991 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020648.D
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Tgt Ion: 64 Resp: 14952
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

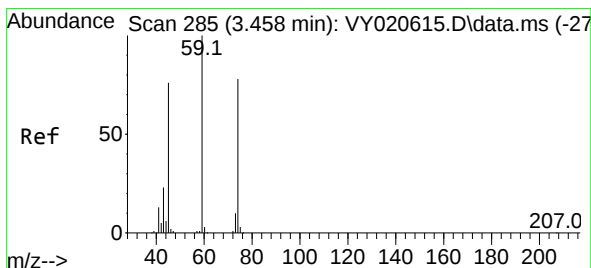
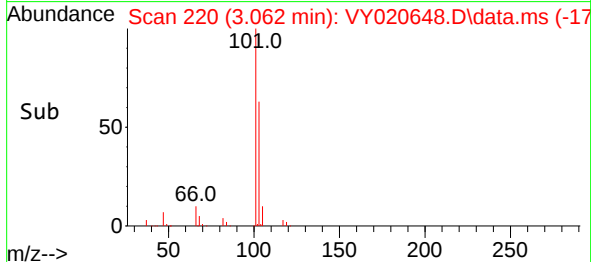
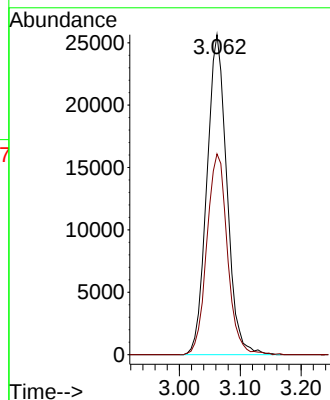
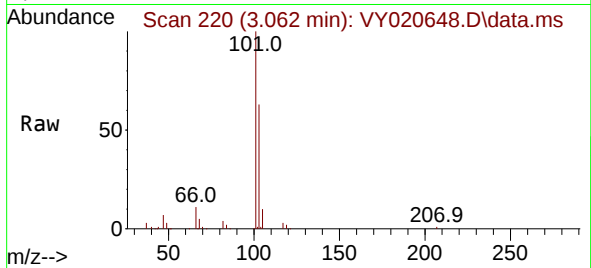




#7
 Trichlorofluoromethane
 Concen: 17.295 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020648.D
 Acq: 19 Dec 2024 12:16

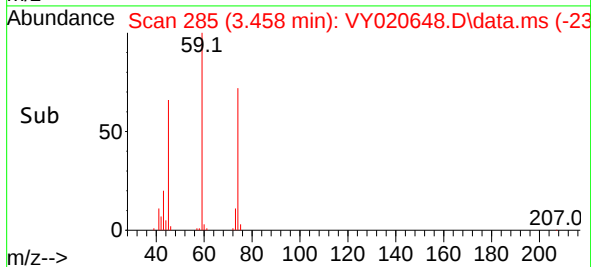
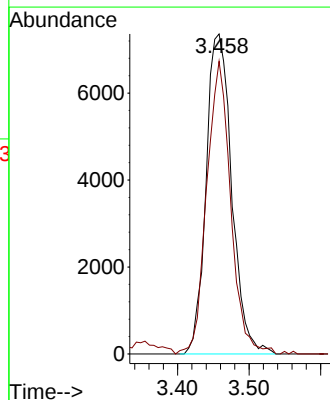
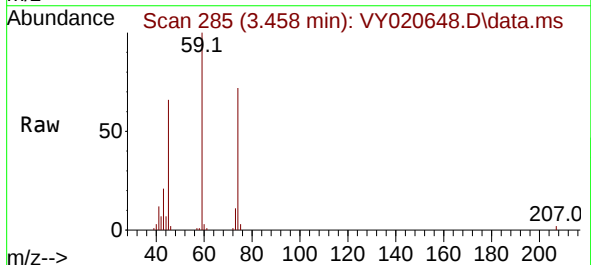
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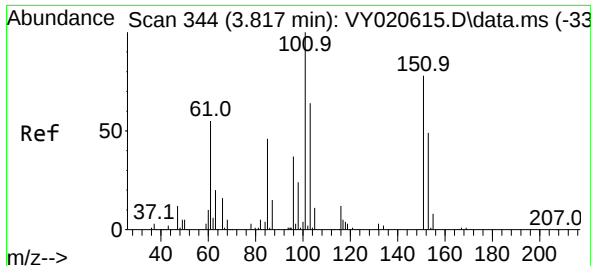
Tgt Ion:101 Resp: 58410
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.0



#8
 Diethyl Ether
 Concen: 15.468 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020648.D
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Tgt Ion: 74 Resp: 18320
 Ion Ratio Lower Upper
 74 100
 45 85.5 49.0 147.2

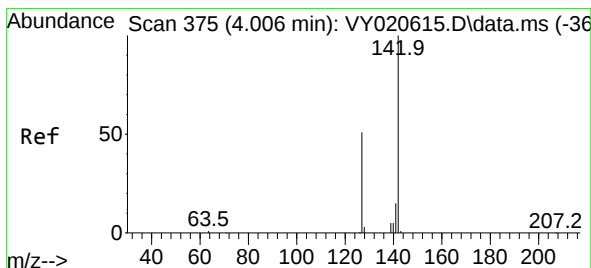
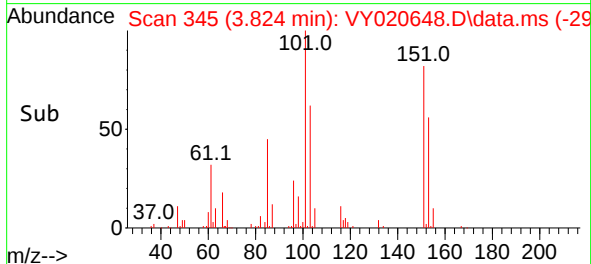
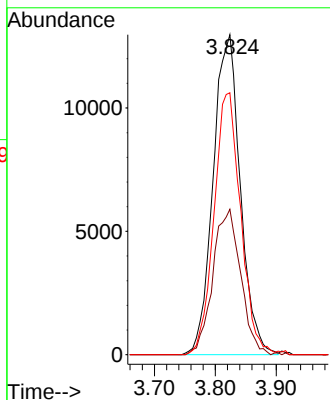
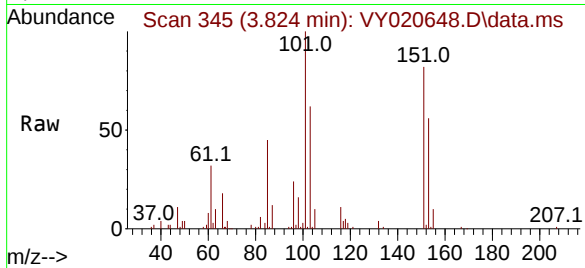




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.586 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

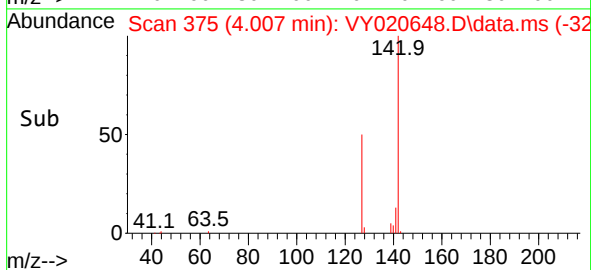
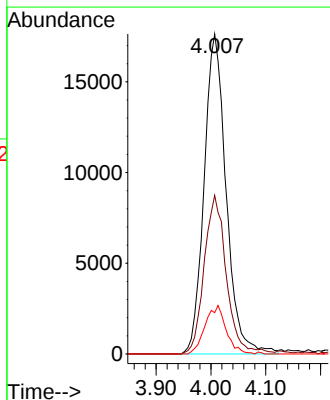
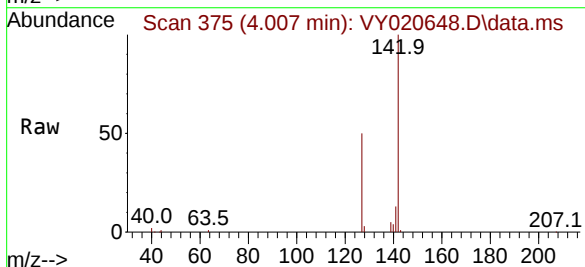
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

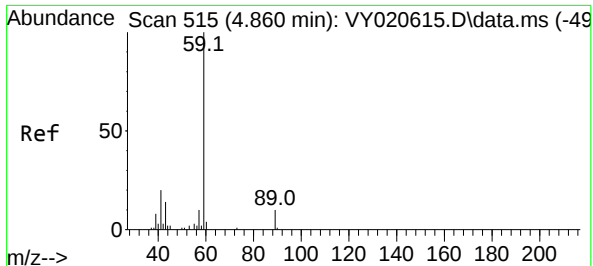
Tgt Ion:101 Resp: 40149
Ion Ratio Lower Upper
101 100
85 46.5 36.6 54.8
151 80.4 61.5 92.3



#10
Methyl Iodide
Concen: 18.273 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:142 Resp: 49248
Ion Ratio Lower Upper
142 100
127 49.7 40.6 61.0
141 14.4 11.7 17.5

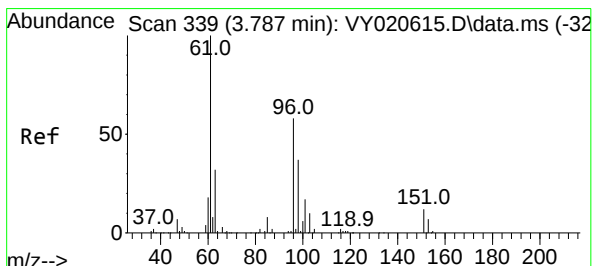
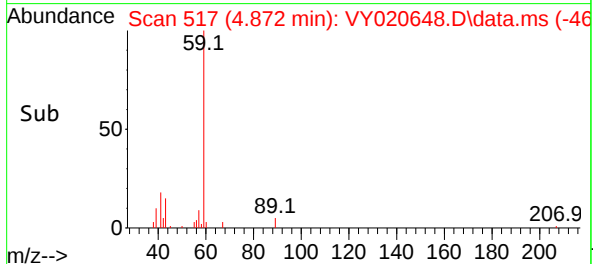
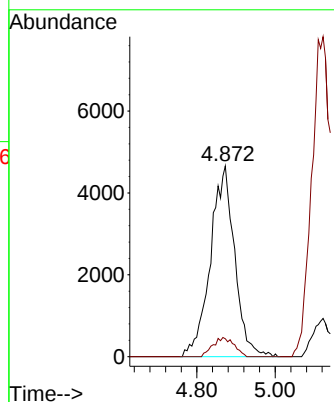
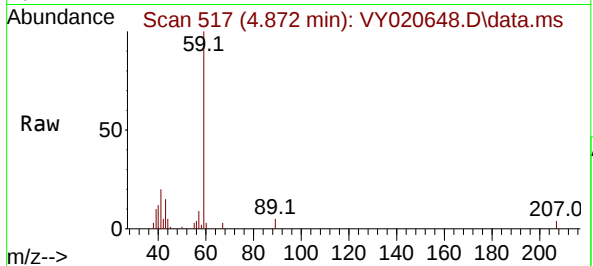




#11
Tert butyl alcohol
Concen: 69.122 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

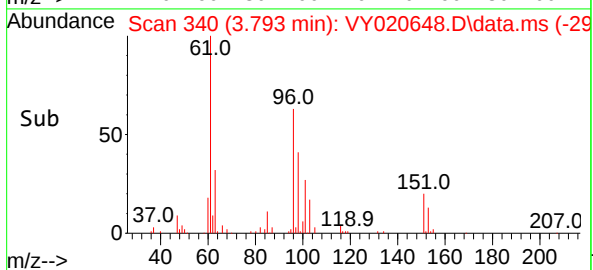
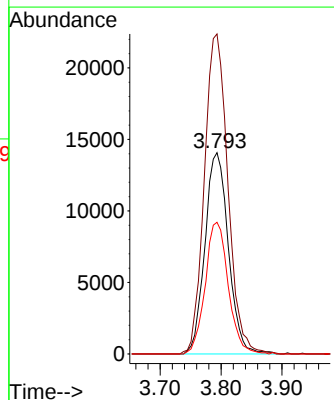
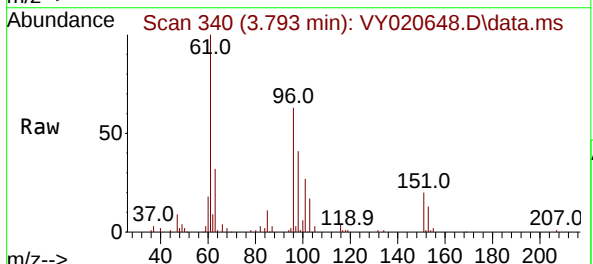
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

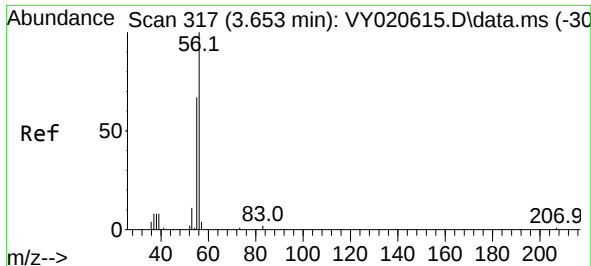
Tgt Ion: 59 Resp: 20088
Ion Ratio Lower Upper
59 100
57 8.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 16.020 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 96 Resp: 37628
Ion Ratio Lower Upper
96 100
61 159.0 136.9 205.3
98 65.5 50.2 75.4

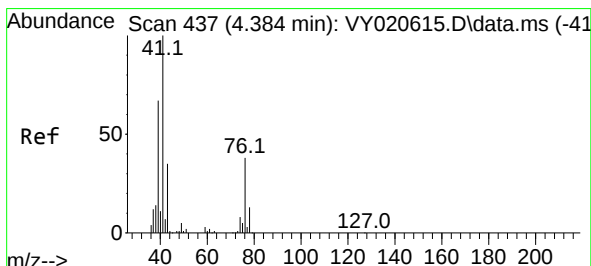
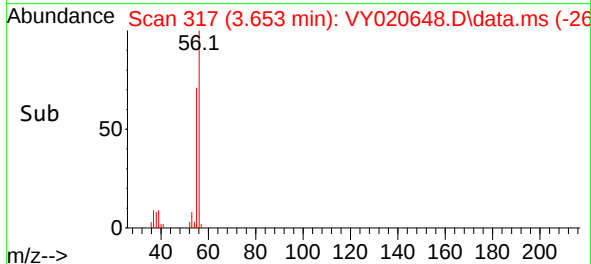
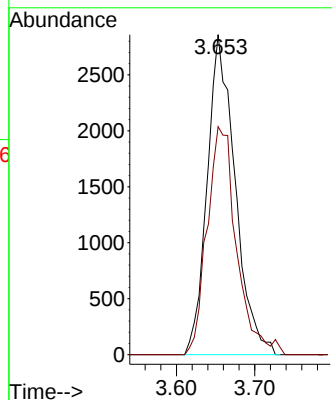
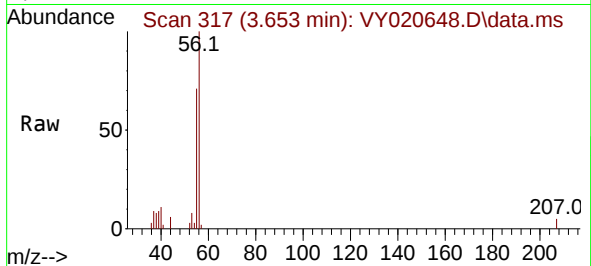




#13
Acrolein
Concen: 72.984 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

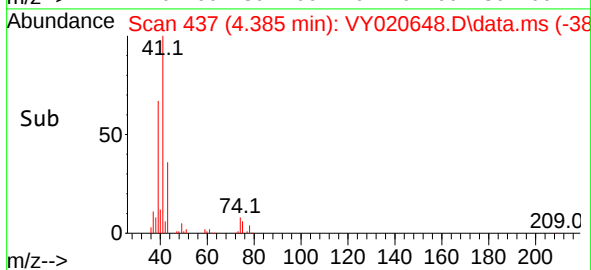
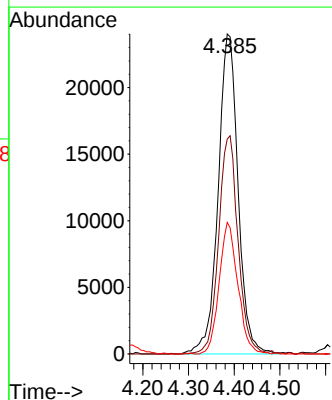
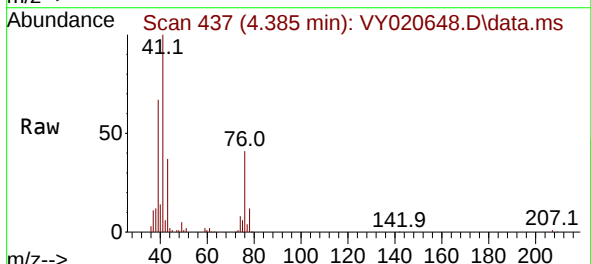
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

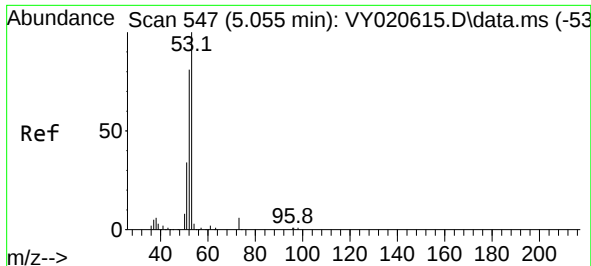
Tgt Ion: 56 Resp: 7082
Ion Ratio Lower Upper
56 100
55 75.1 57.5 86.3



#14
Allyl chloride
Concen: 17.725 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 41 Resp: 72949
Ion Ratio Lower Upper
41 100
39 66.2 53.0 79.4
76 38.4 29.5 44.3





#15

Acrylonitrile

Concen: 99.950 ug/l

RT: 5.068 min Scan# 54

Delta R.T. 0.013 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBSD01

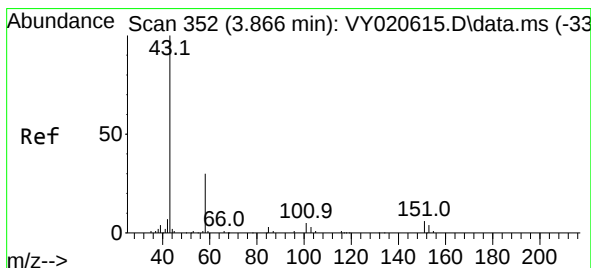
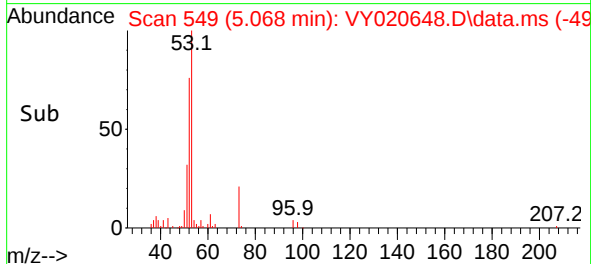
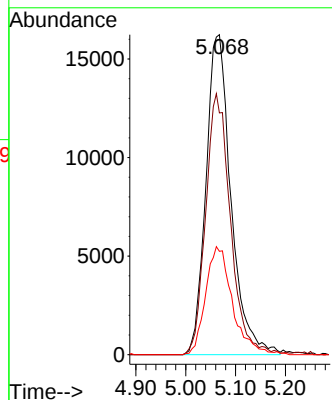
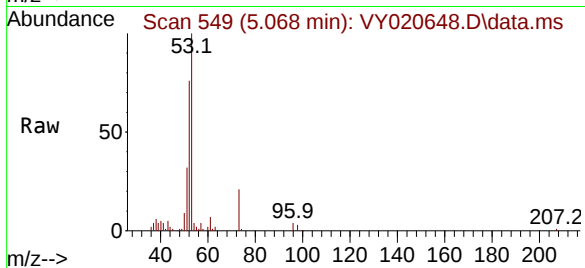
Tgt Ion: 53 Resp: 56634

Ion Ratio Lower Upper

53 100

52 80.6 64.5 96.7

51 36.3 29.4 44.0



#16

Acetone

Concen: 72.348 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.013 min

Lab File: VY020648.D

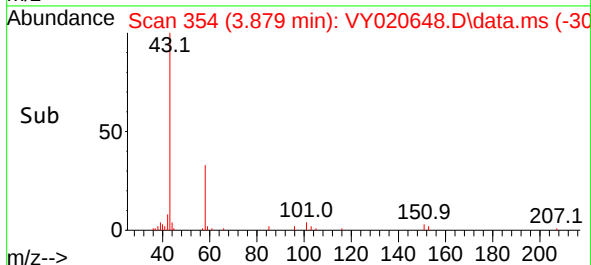
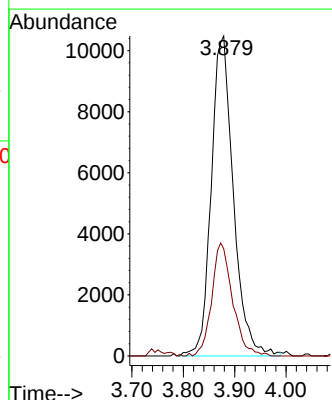
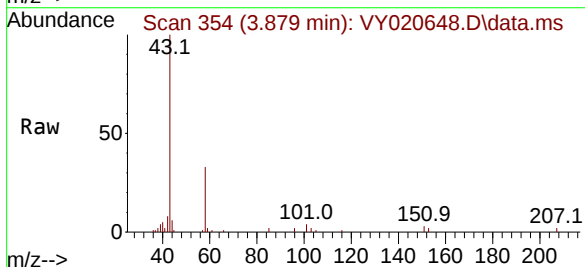
Acq: 19 Dec 2024 12:16

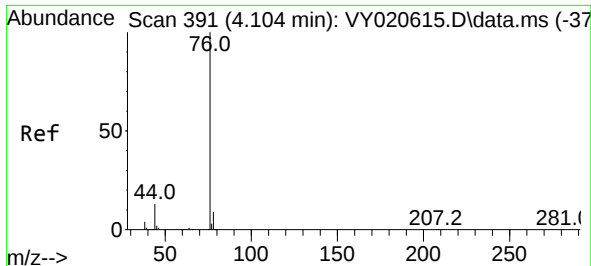
Tgt Ion: 43 Resp: 31360

Ion Ratio Lower Upper

43 100

58 33.5 25.0 37.6

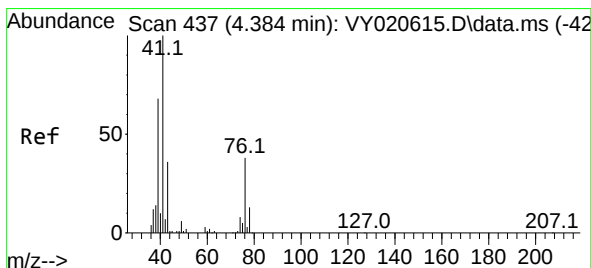
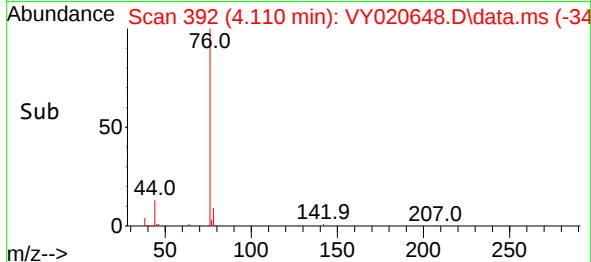
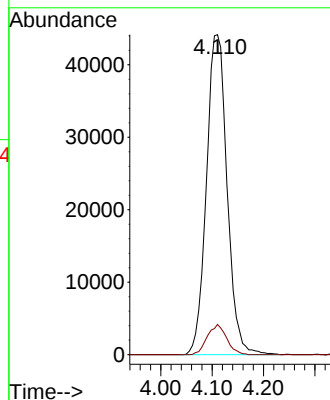
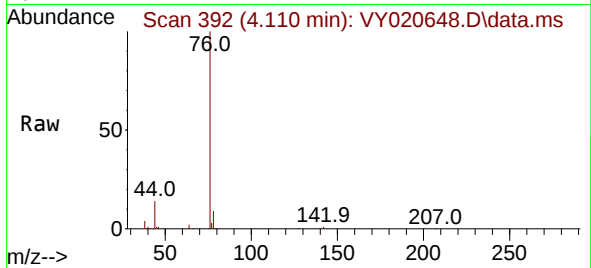




#17
Carbon Disulfide
Concen: 16.152 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

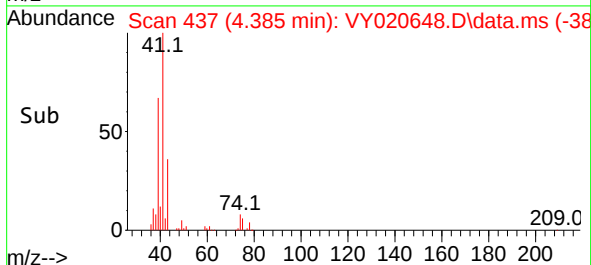
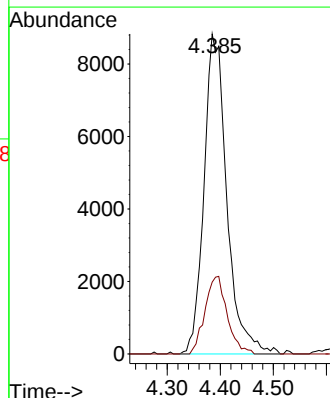
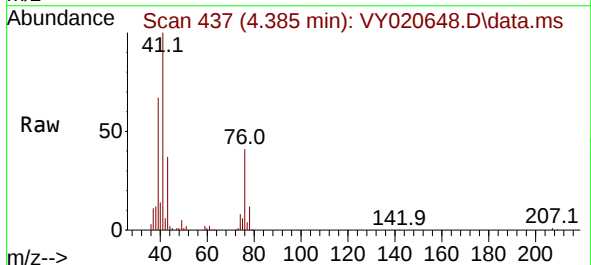
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

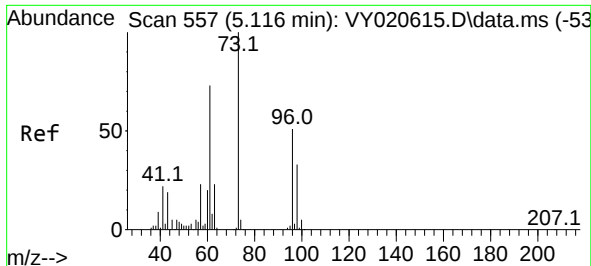
Tgt Ion: 76 Resp: 123486
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 18.926 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 43 Resp: 26425
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8

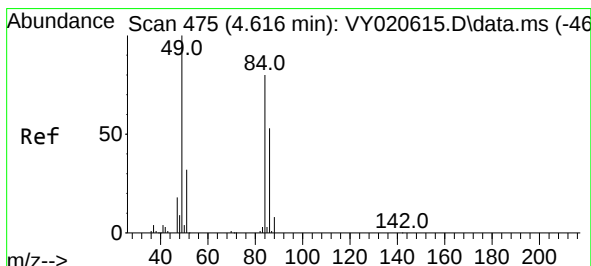
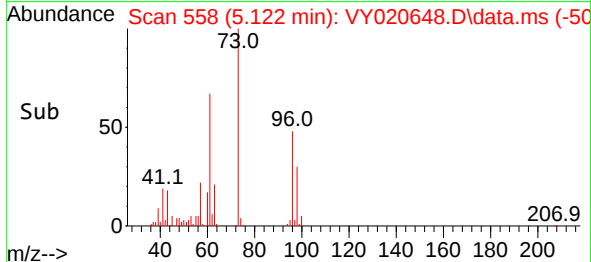
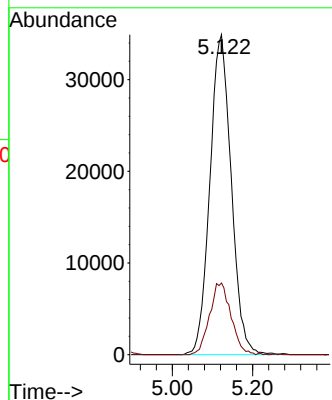
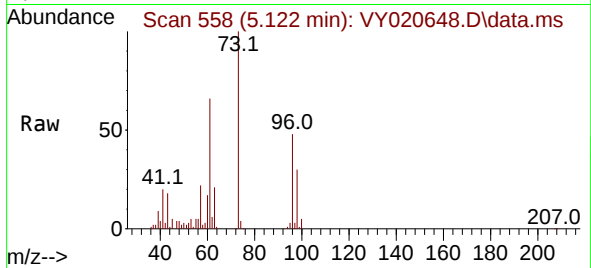




#19
Methyl tert-butyl Ether
Concen: 21.252 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

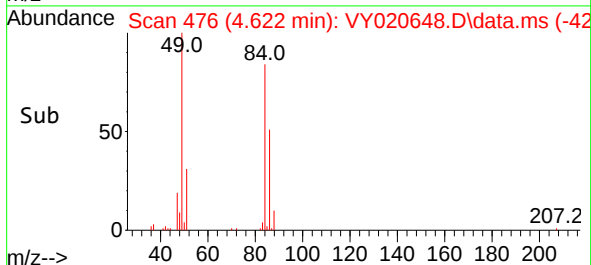
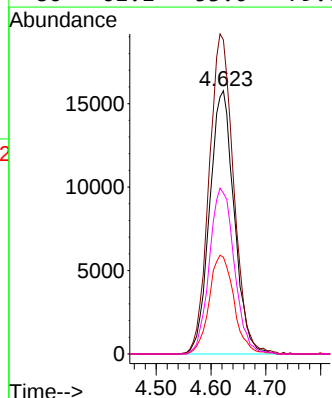
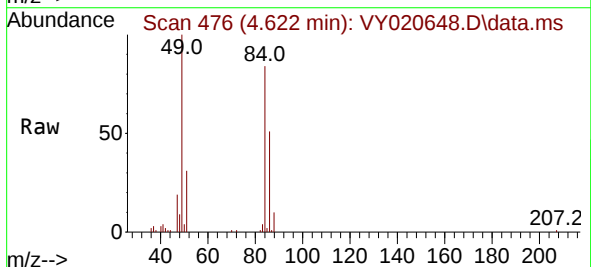
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

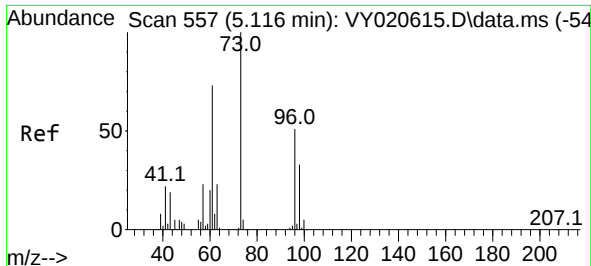
Tgt Ion: 73 Resp: 128833
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7



#20
Methylene Chloride
Concen: 19.213 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 84 Resp: 49022
Ion Ratio Lower Upper
84 100
49 119.4 100.7 151.1
51 36.8 32.2 48.2
86 61.1 53.0 79.6

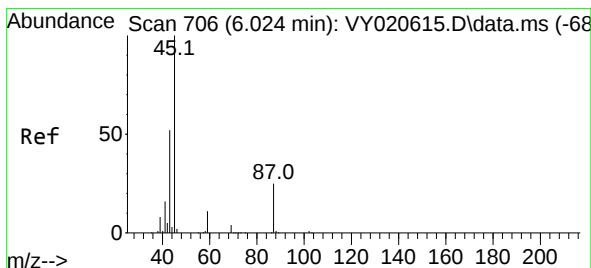
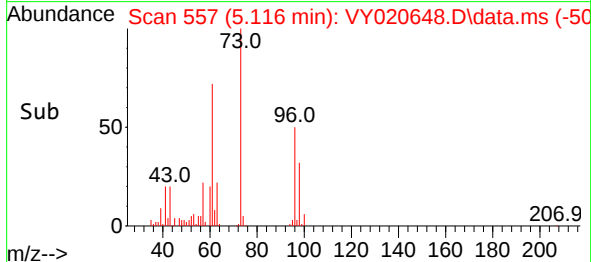
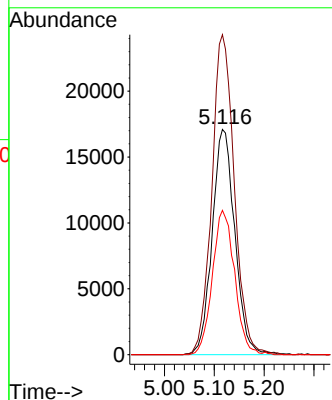
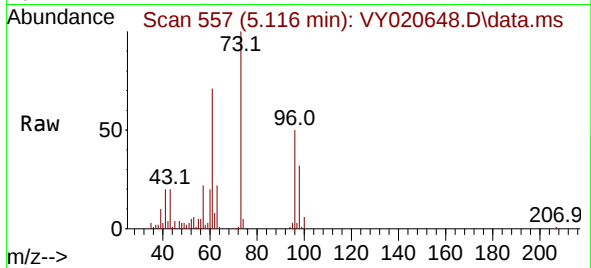




#21
trans-1,2-Dichloroethene
Concen: 20.451 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

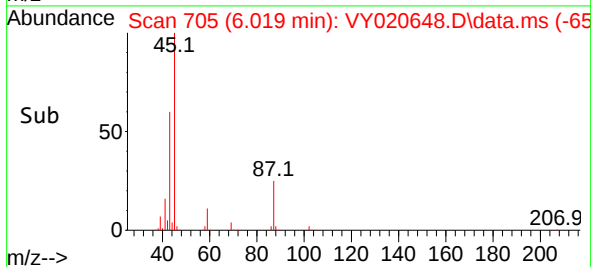
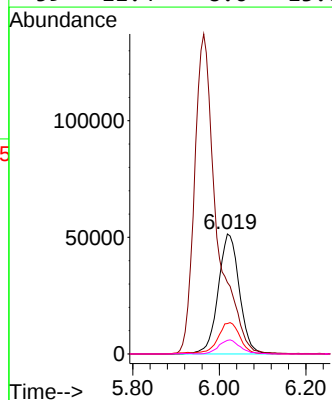
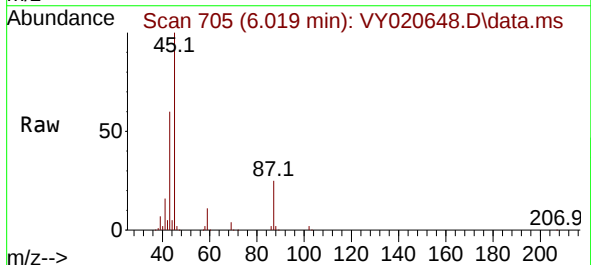
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

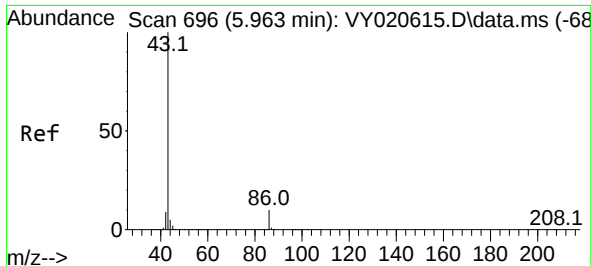
Tgt Ion: 96 Resp: 53881
Ion Ratio Lower Upper
96 100
61 142.0 113.7 170.5
98 64.0 51.7 77.5



#22
Diisopropyl ether
Concen: 20.934 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 45 Resp: 174885
Ion Ratio Lower Upper
45 100
43 58.8 42.6 64.0
87 25.3 20.6 31.0
59 11.4 8.6 13.0

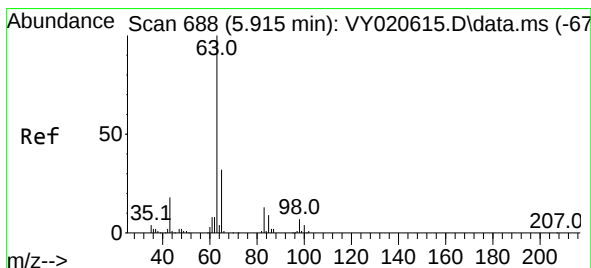
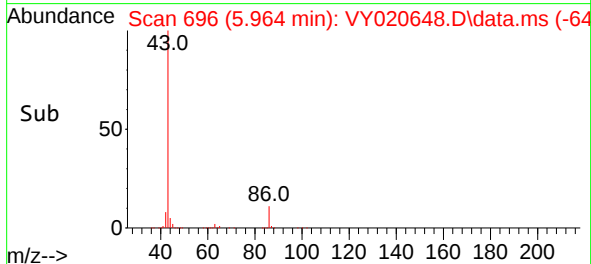
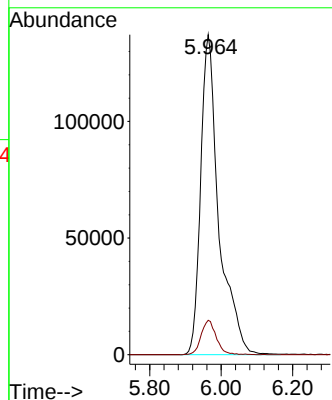
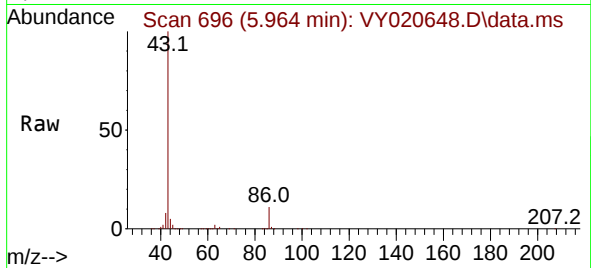




#23
 Vinyl Acetate
 Concen: 102.487 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020648.D
 Acq: 19 Dec 2024 12:16

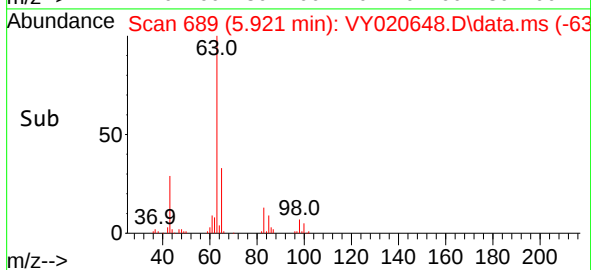
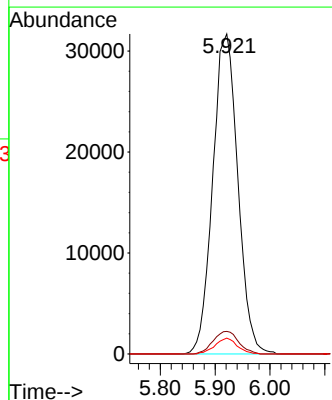
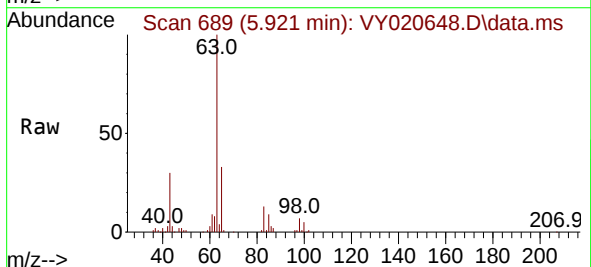
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

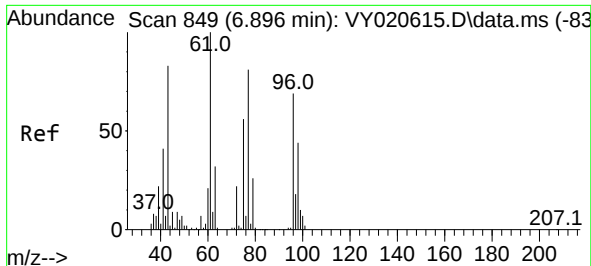
Tgt Ion: 43 Resp: 484917
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.573 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020648.D
 Acq: 19 Dec 2024 12:16

Tgt Ion: 63 Resp: 100685
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 5.0 2.1 6.5

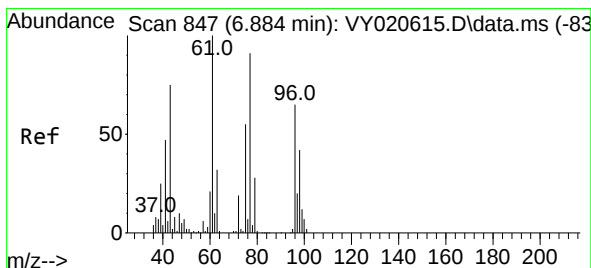
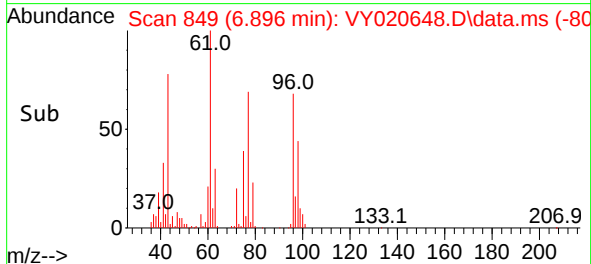
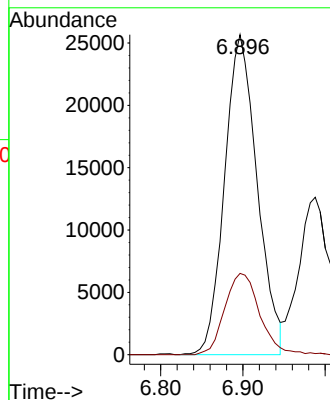
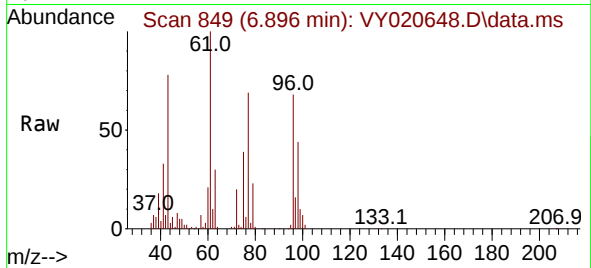




#25
2-Butanone
Concen: 92.822 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

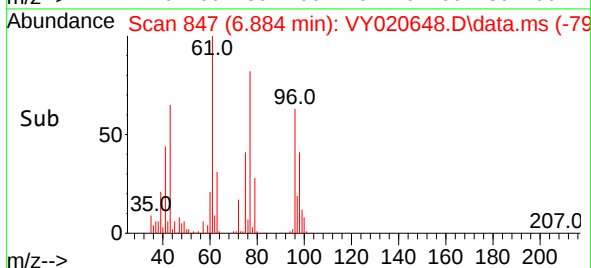
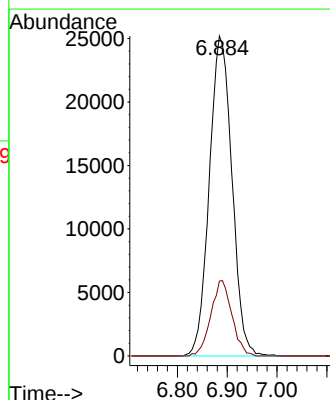
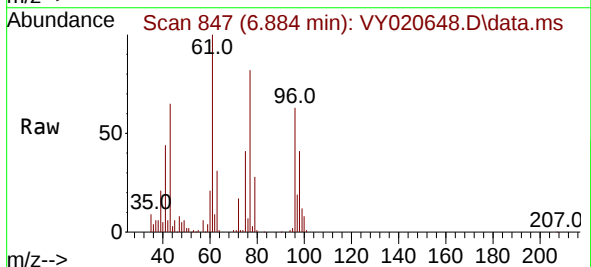
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

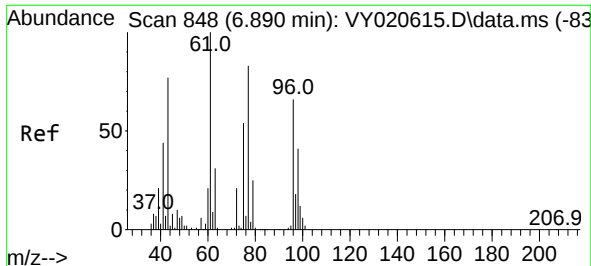
Tgt Ion: 43 Resp: 70790
Ion Ratio Lower Upper
43 100
72 25.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 17.161 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 77 Resp: 79396
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 20.578 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

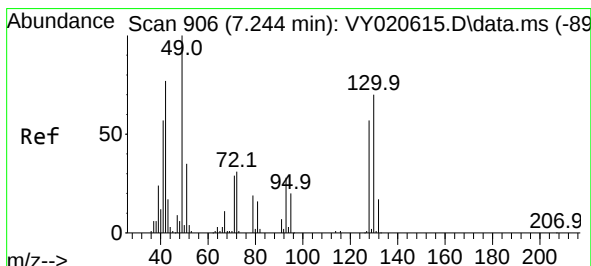
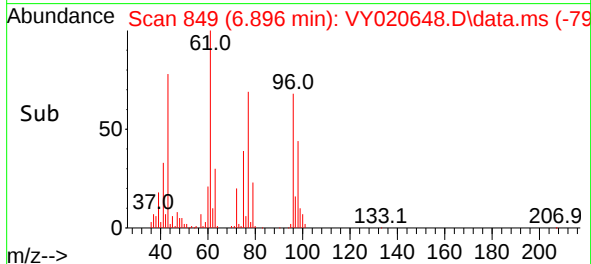
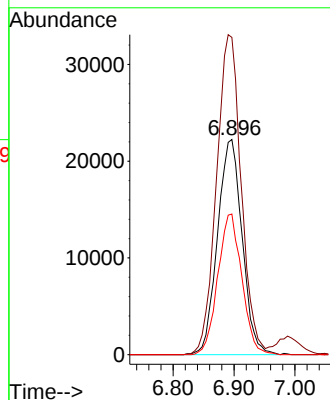
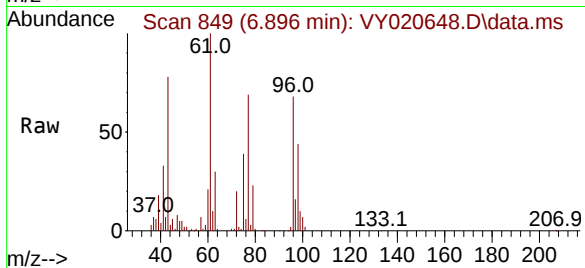
Tgt Ion: 96 Resp: 62378

Ion Ratio Lower Upper

96 100

61 148.9 0.0 306.2

98 63.8 0.0 127.2



#28

Bromochloromethane

Concen: 16.616 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

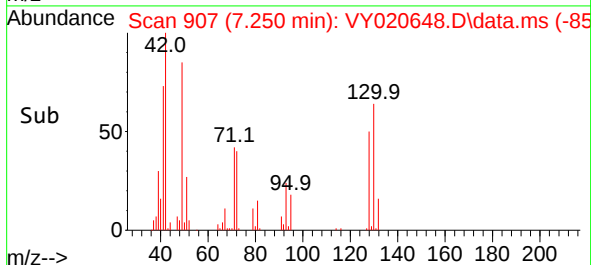
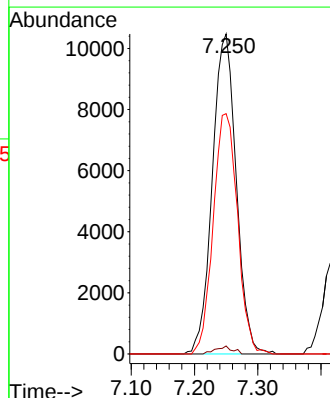
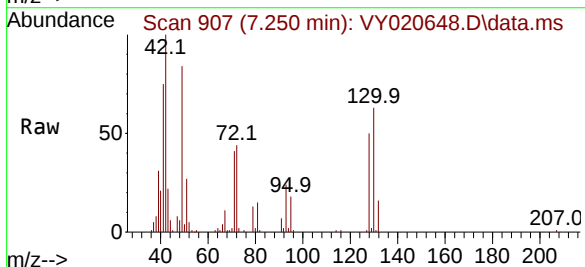
Tgt Ion: 49 Resp: 27430

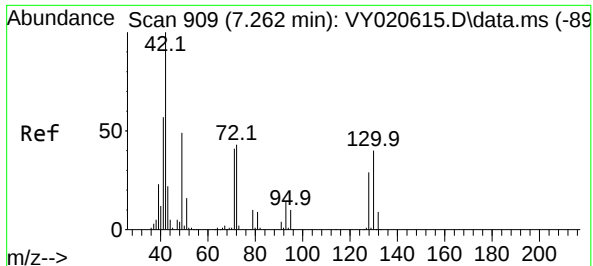
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.4 58.3 87.5





#29

Tetrahydrofuran

Concen: 100.214 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

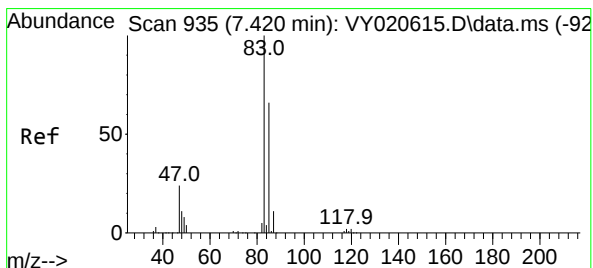
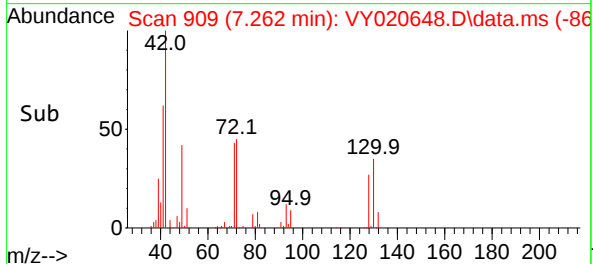
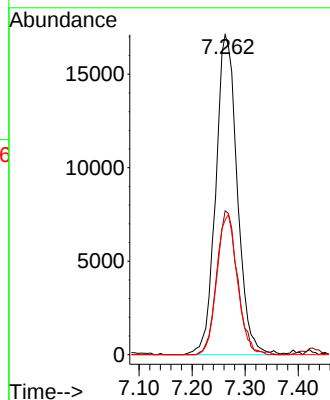
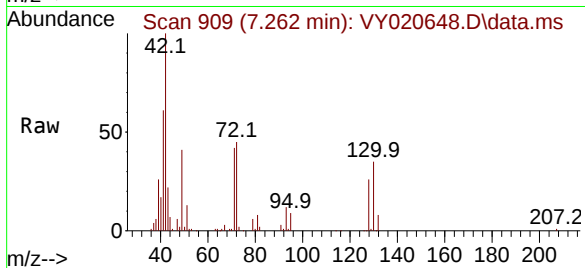
Tgt Ion: 42 Resp: 48247

Ion Ratio Lower Upper

42 100

72 43.5 34.0 51.0

71 41.7 31.6 47.4



#30

Chloroform

Concen: 17.804 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020648.D

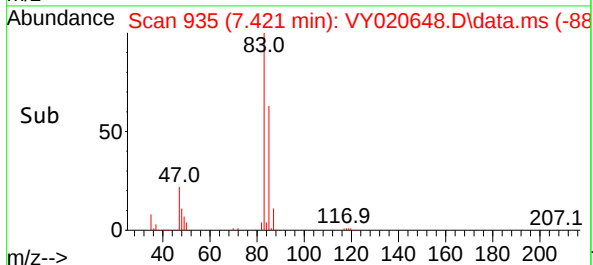
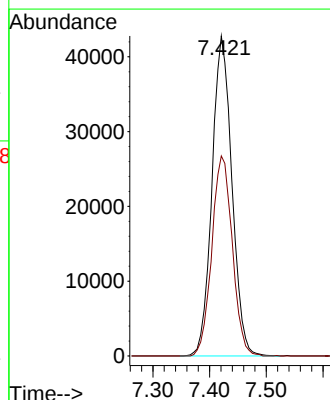
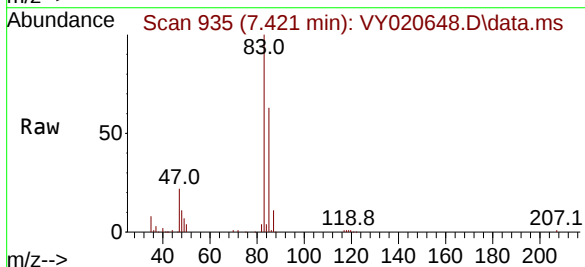
Acq: 19 Dec 2024 12:16

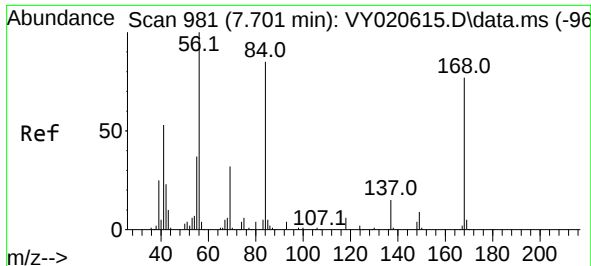
Tgt Ion: 83 Resp: 104252

Ion Ratio Lower Upper

83 100

85 62.5 52.7 79.1

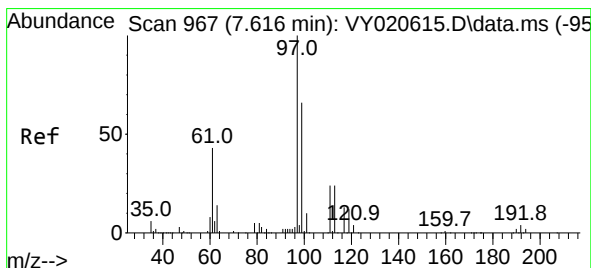
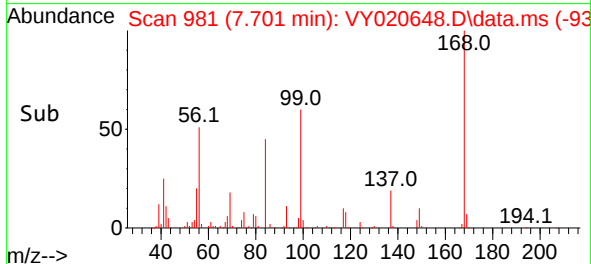
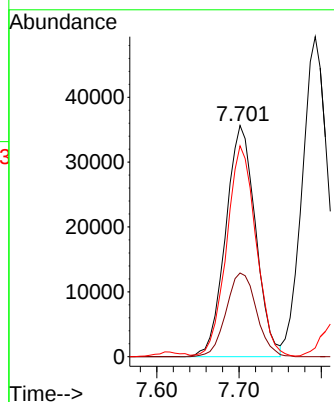
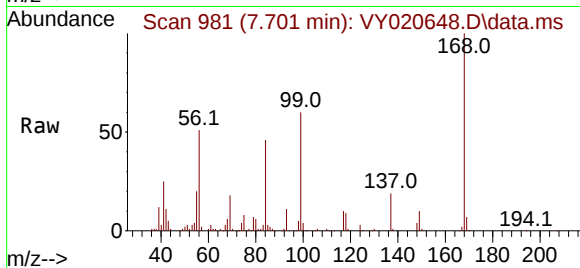




#31
Cyclohexane
Concen: 19.283 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

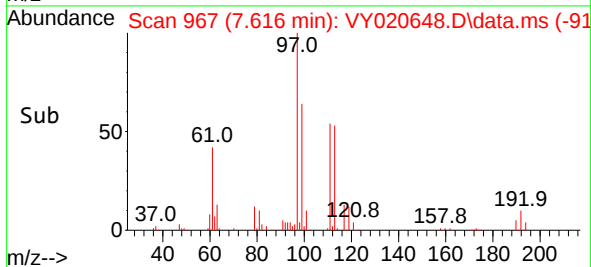
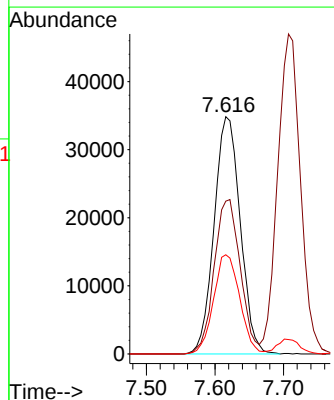
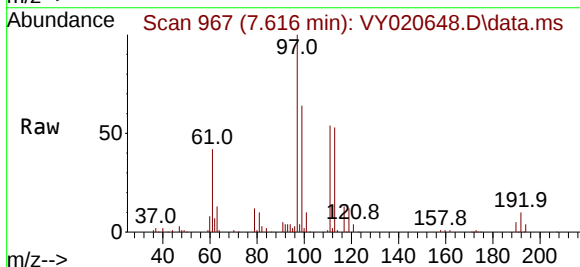
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

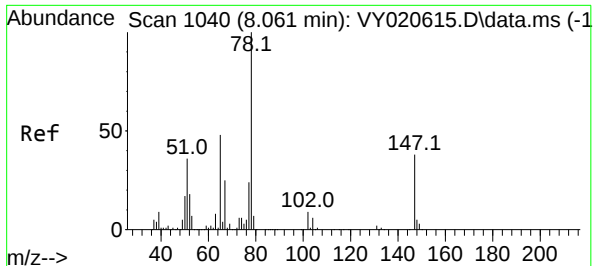
Tgt Ion: 56 Resp: 90234
Ion Ratio Lower Upper
56 100
69 36.2 25.4 38.0
84 89.9 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 20.516 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 97 Resp: 92248
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.467 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

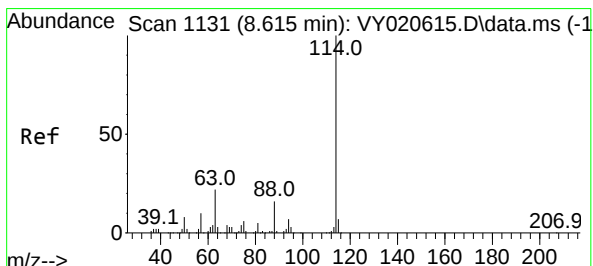
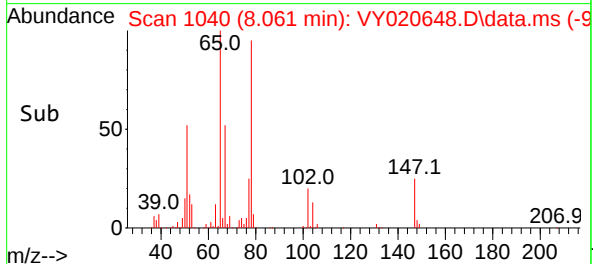
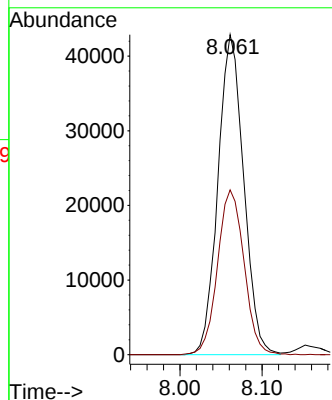
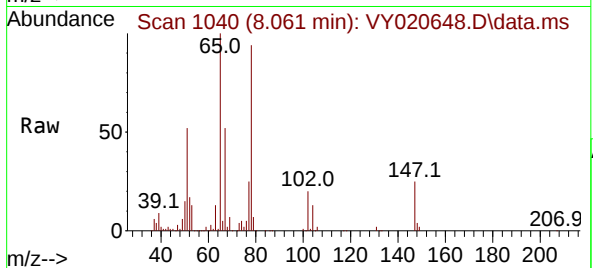
VY1219SBS01

Tgt Ion: 65 Resp: 93305

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

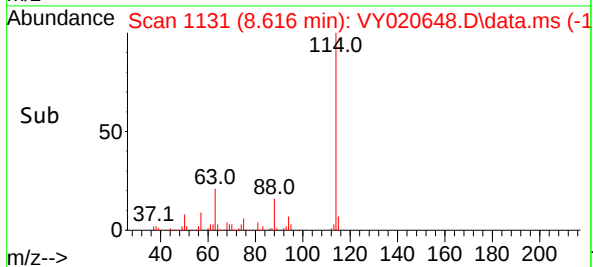
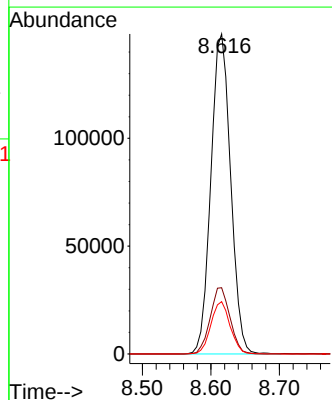
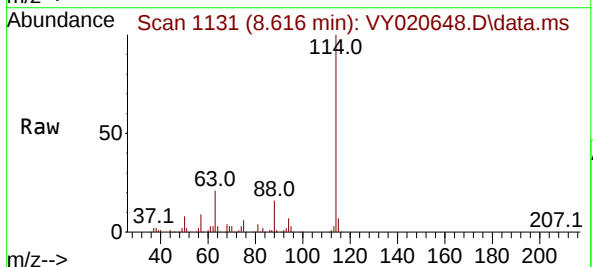
Tgt Ion: 114 Resp: 297478

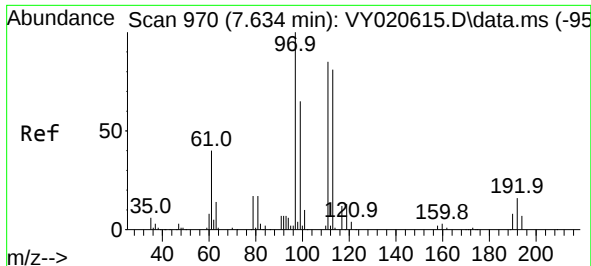
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.4 0.0 32.8

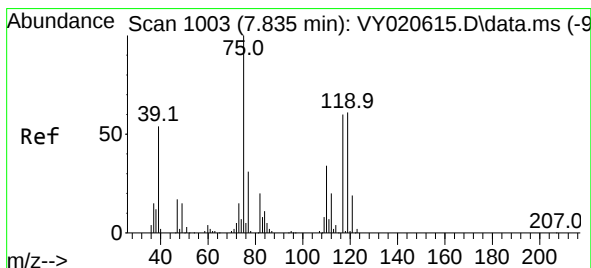
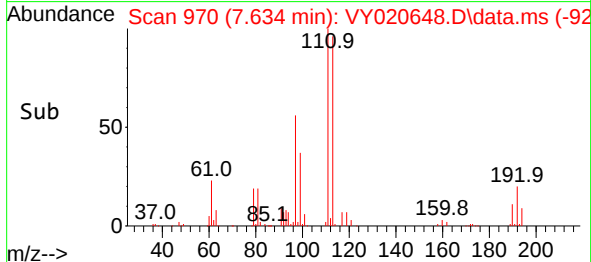
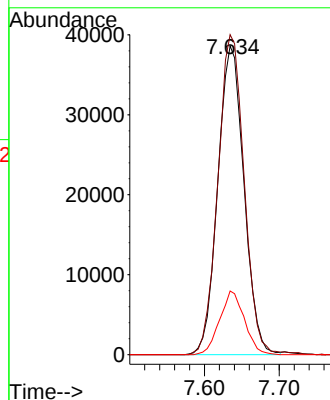
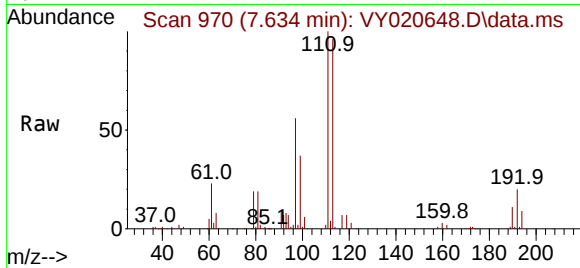




#35
Dibromofluoromethane
Concen: 44.770 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

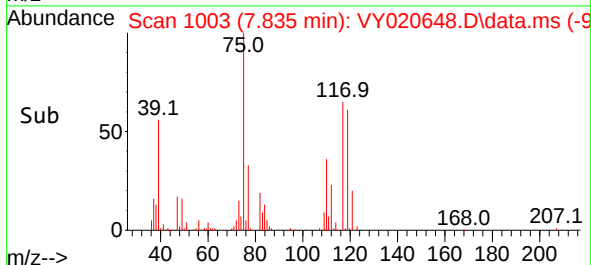
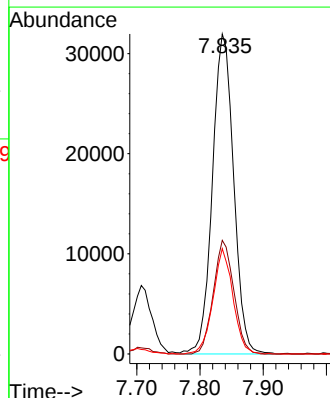
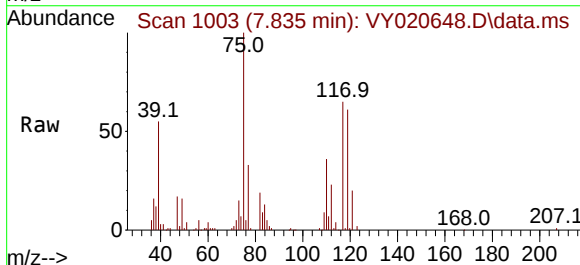
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

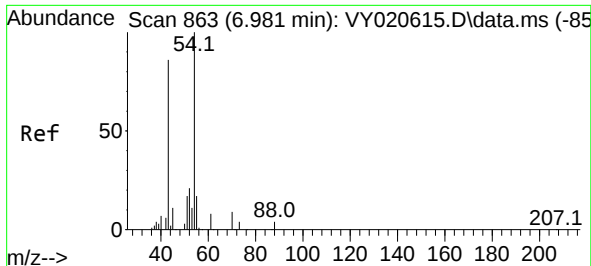
Tgt Ion:113 Resp: 93862
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.494 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 75 Resp: 74526
Ion Ratio Lower Upper
75 100
110 34.3 16.8 50.4
77 30.9 25.0 37.6





#37

Ethyl Acetate

Concen: 19.566 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

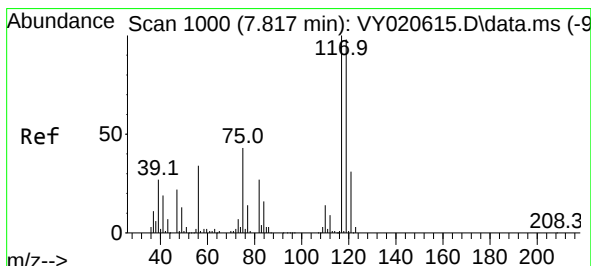
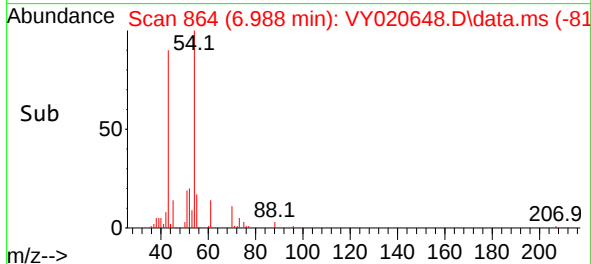
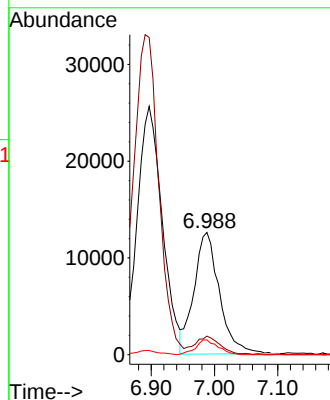
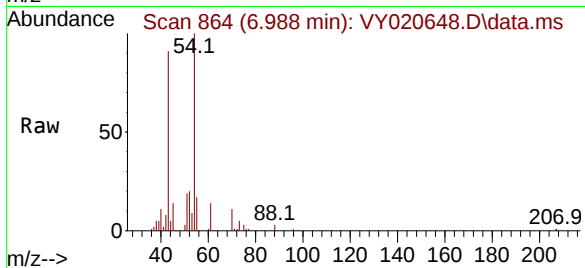
Tgt Ion: 43 Resp: 35185

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.4

70 10.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 19.785 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

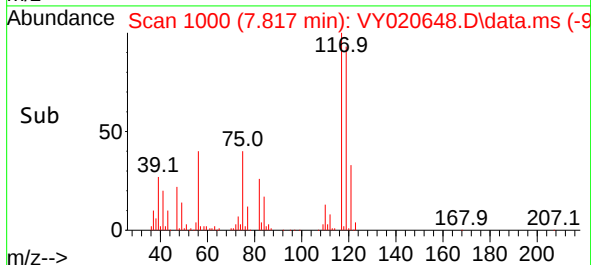
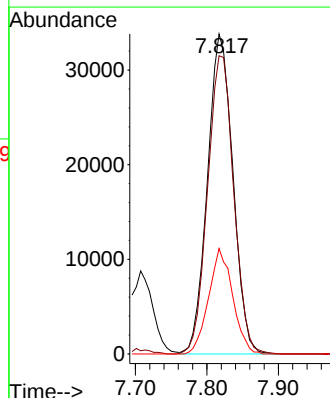
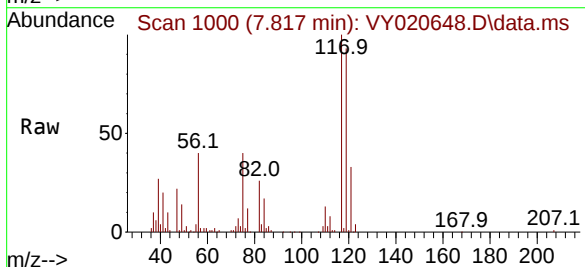
Tgt Ion: 117 Resp: 83682

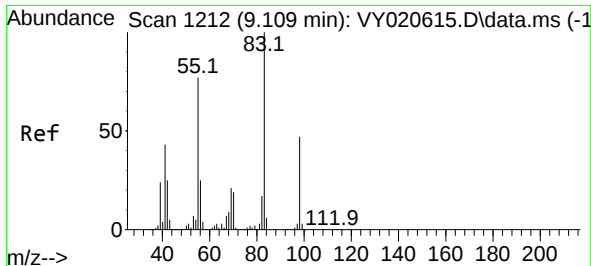
Ion Ratio Lower Upper

117 100

119 93.2 78.3 117.5

121 32.9 25.1 37.7

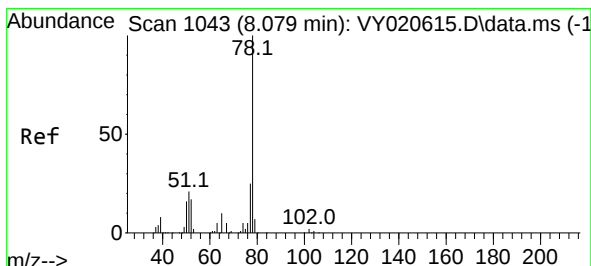
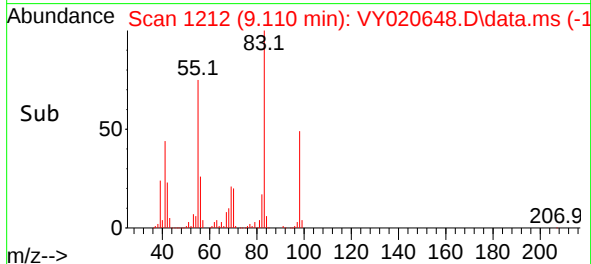
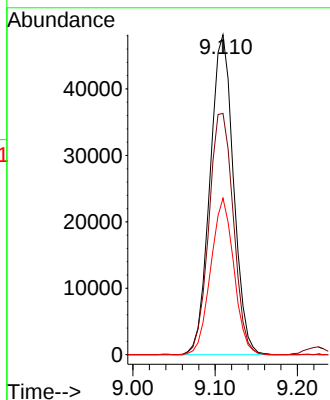
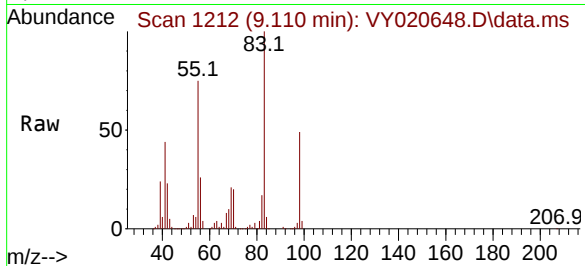




#39
Methylcyclohexane
Concen: 19.196 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

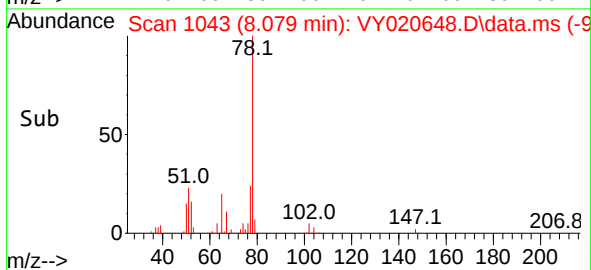
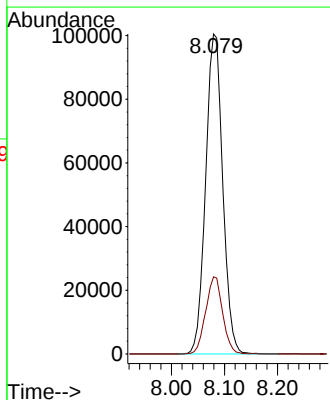
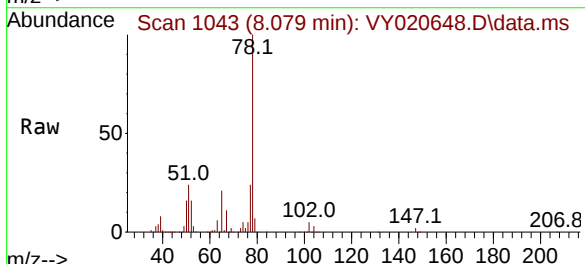
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

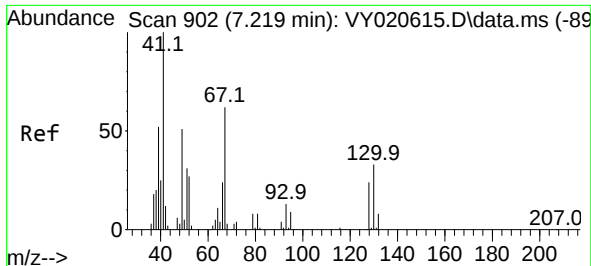
Tgt Ion: 83 Resp: 95647
Ion Ratio Lower Upper
83 100
55 75.4 61.4 92.0
98 48.9 37.3 55.9



#40
Benzene
Concen: 20.069 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 78 Resp: 224893
Ion Ratio Lower Upper
78 100
77 24.1 20.1 30.1

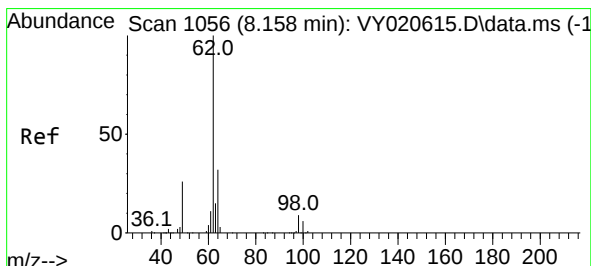
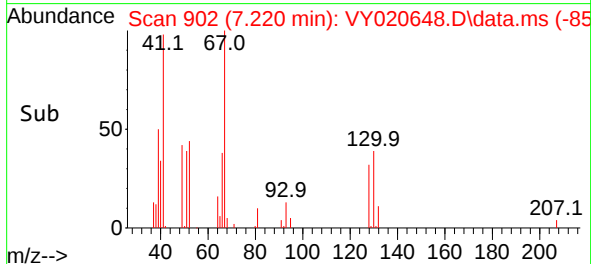
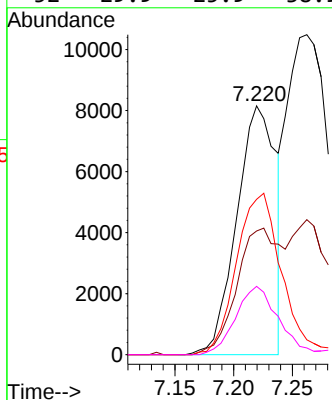
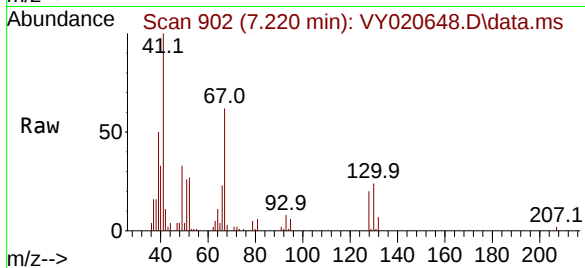




#41
Methacrylonitrile
Concen: 19.919 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

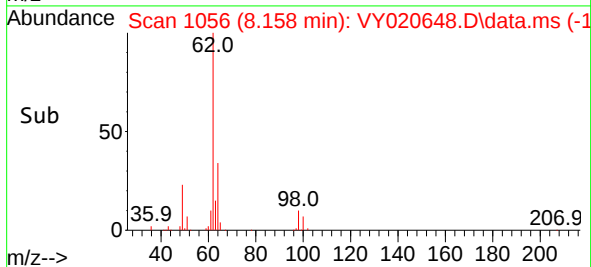
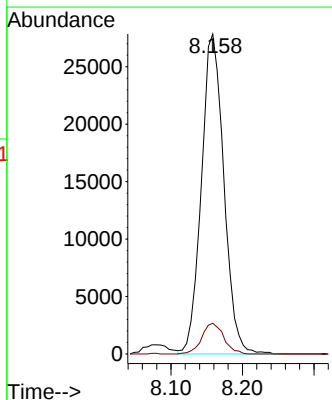
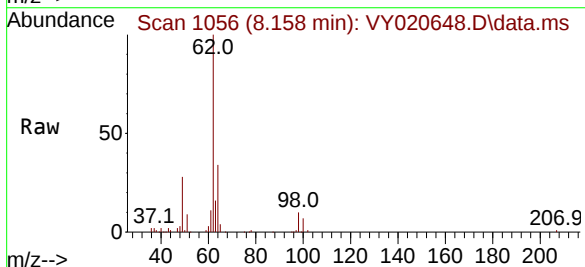
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

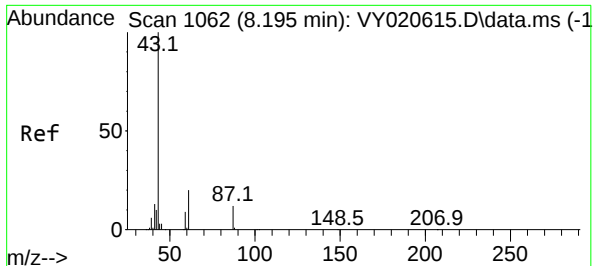
Tgt Ion:	41	Resp:	18937
Ion	Ratio	Lower	Upper
41	100		
39	58.8	53.6	80.4
67	74.7	62.0	93.0
52	29.9	25.9	38.9



#42
1,2-Dichloroethane
Concen: 20.444 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:	62	Resp:	60759
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 20.114 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

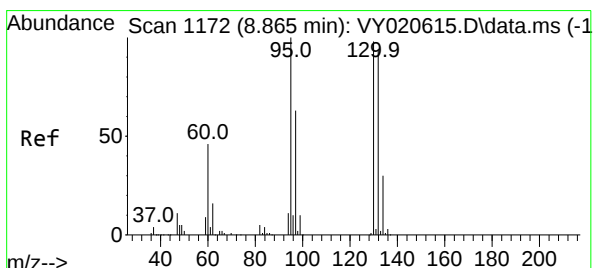
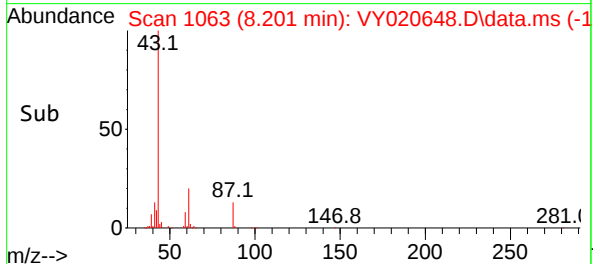
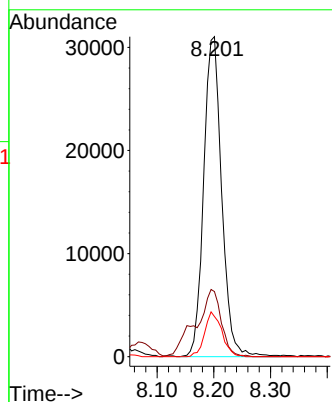
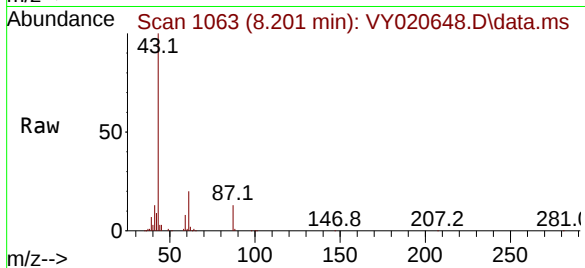
Tgt Ion: 43 Resp: 68477

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.6

87 13.4 10.2 15.4



#44

Trichloroethene

Concen: 20.332 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020648.D

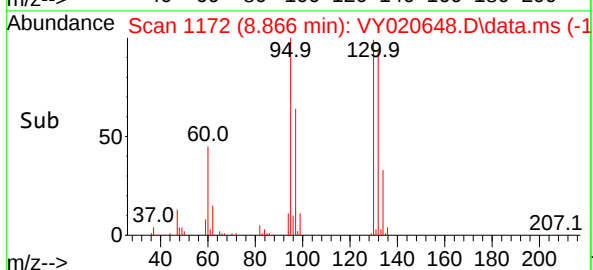
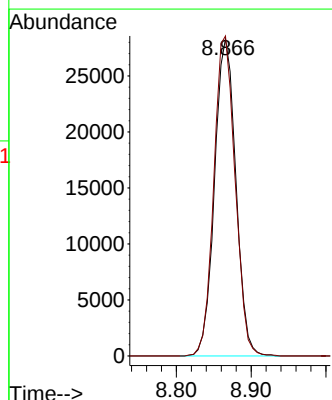
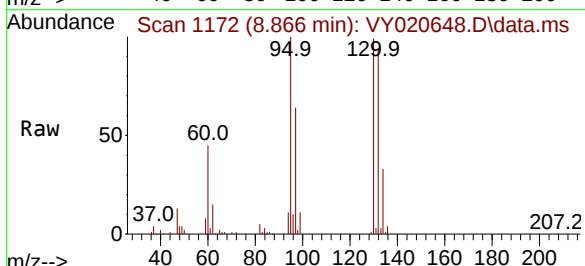
Acq: 19 Dec 2024 12:16

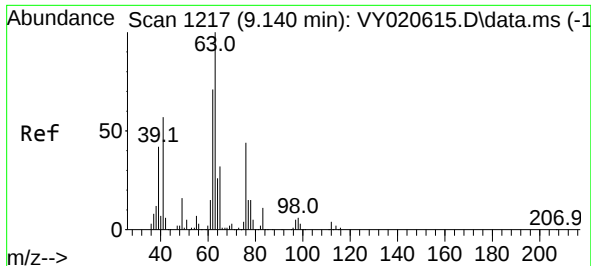
Tgt Ion:130 Resp: 55983

Ion Ratio Lower Upper

130 100

95 100.9 0.0 203.2





#45

1,2-Dichloropropane

Concen: 20.845 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

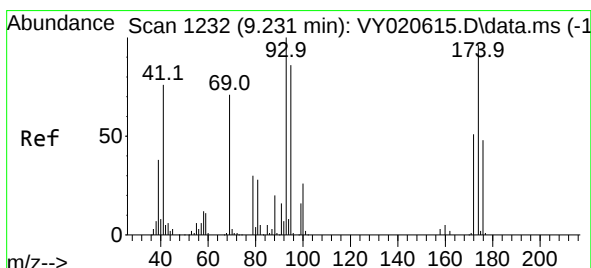
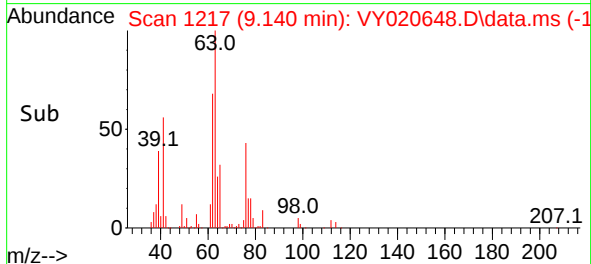
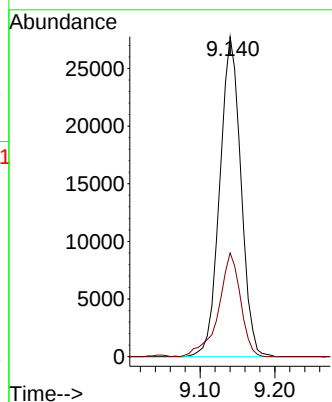
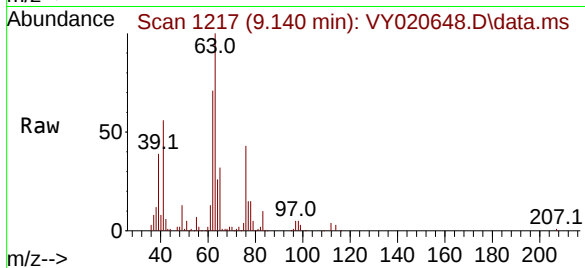
VY1219SBS01

Tgt Ion: 63 Resp: 54592

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9



#46

Dibromomethane

Concen: 20.497 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

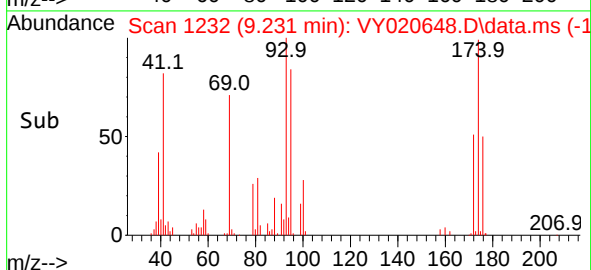
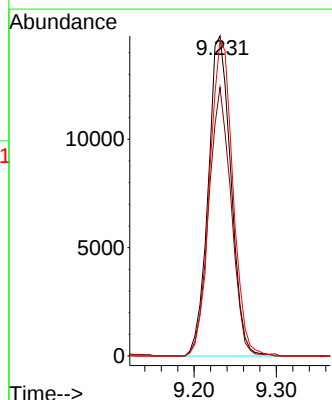
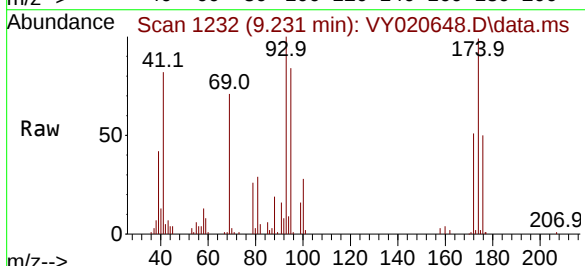
Tgt Ion: 93 Resp: 28370

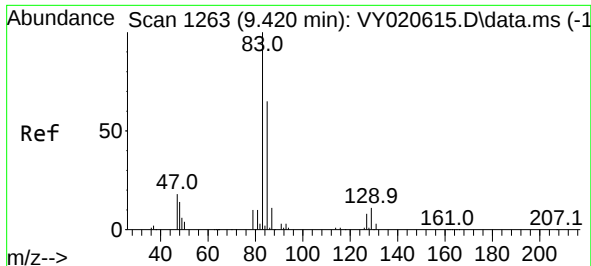
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 100.4 77.8 116.6

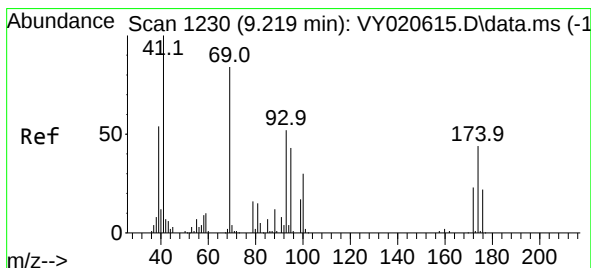
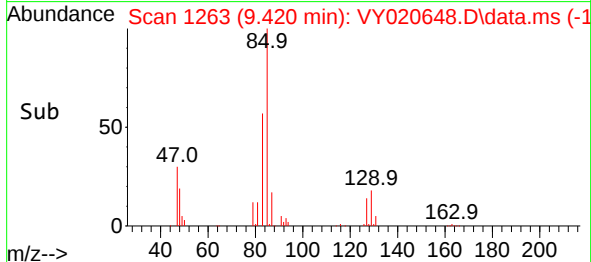
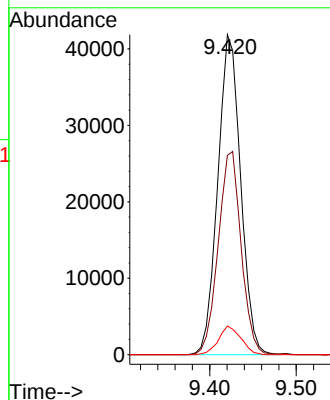
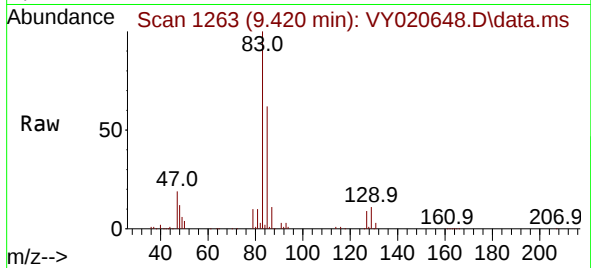




#47
Bromodichloromethane
Concen: 20.554 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

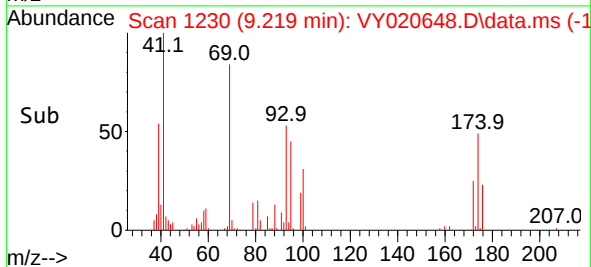
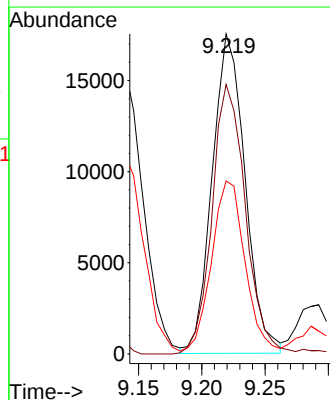
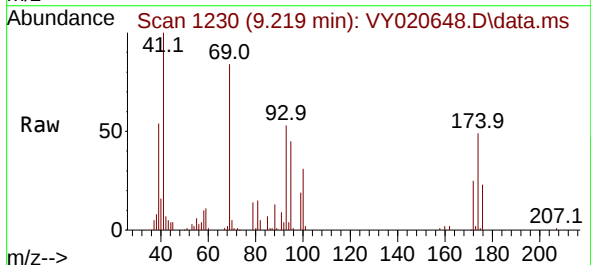
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

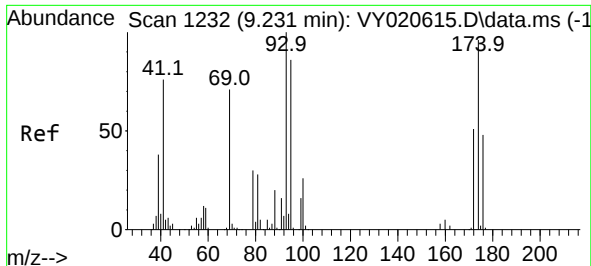
Tgt Ion:	83	Resp:	76846
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.1	78.1
127	8.9	6.7	10.1



#48
Methyl methacrylate
Concen: 19.559 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:	41	Resp:	31654
Ion	Ratio	Lower	Upper
41	100		
69	85.7	67.2	100.8
39	53.8	42.2	63.4

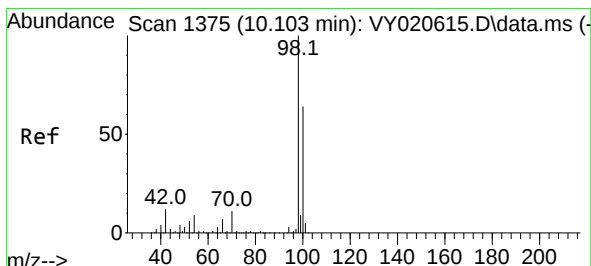
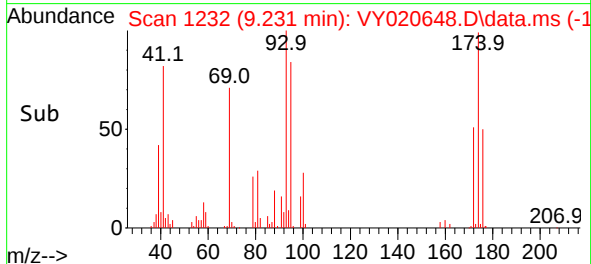
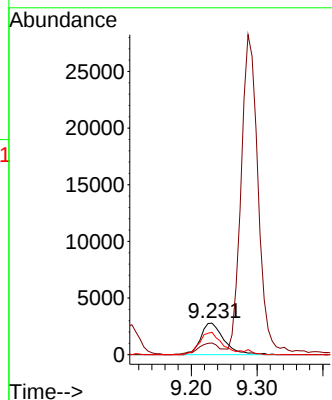
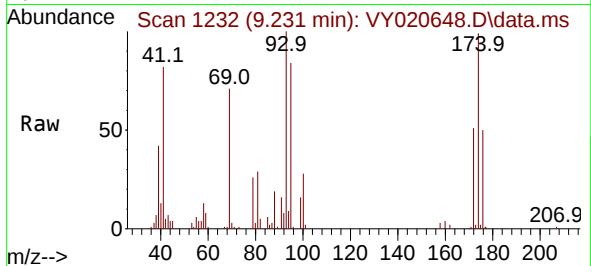




#49
1,4-Dioxane
Concen: 431.556 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

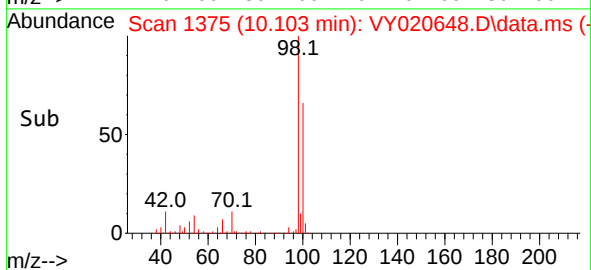
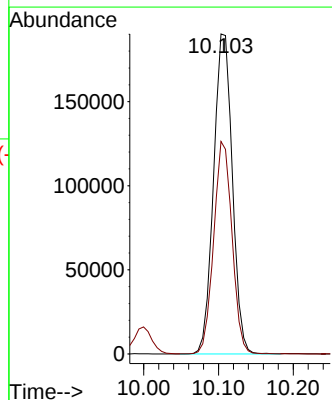
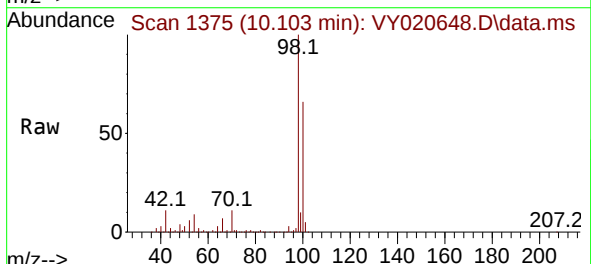
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

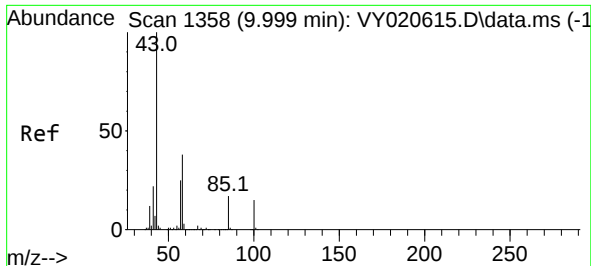
Tgt Ion: 88 Resp: 6850
Ion Ratio Lower Upper
88 100
43 32.1 27.6 41.4
58 67.2 61.7 92.5



#50
Toluene-d8
Concen: 45.297 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 98 Resp: 332399
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 97.776 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

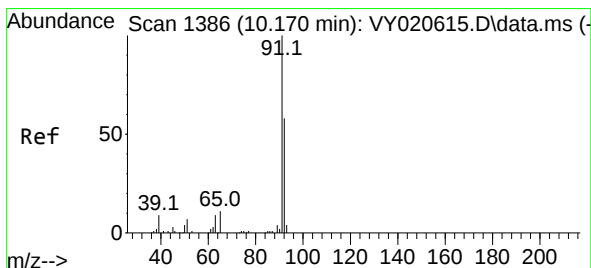
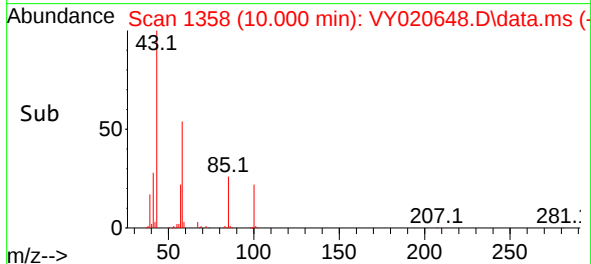
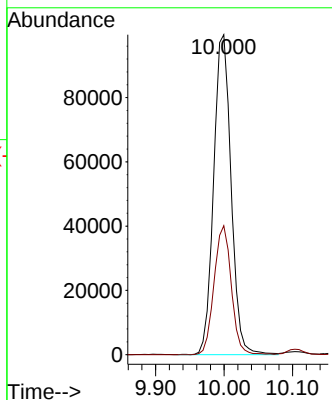
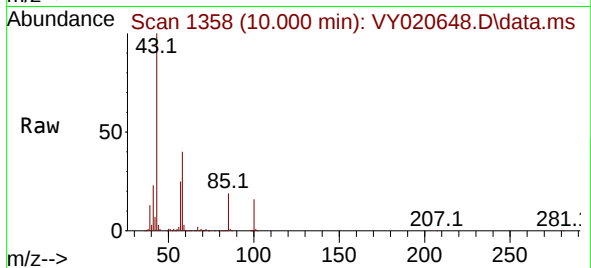
VY1219SBS01

Tgt Ion: 43 Resp: 175700

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2



#52

Toluene

Concen: 20.323 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020648.D

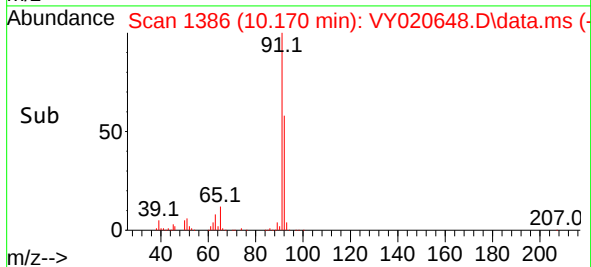
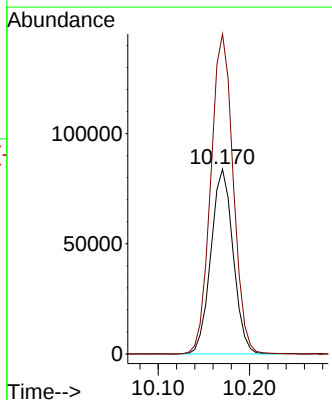
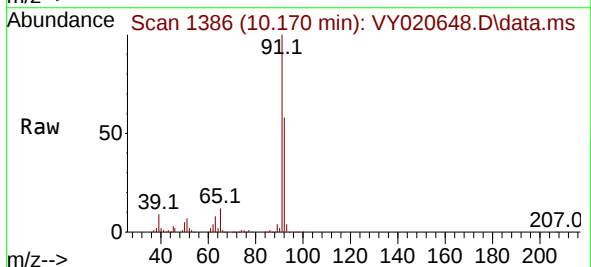
Acq: 19 Dec 2024 12:16

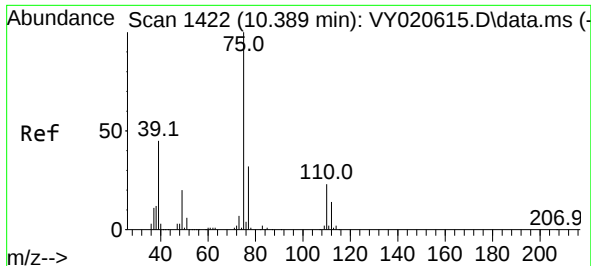
Tgt Ion: 92 Resp: 141527

Ion Ratio Lower Upper

92 100

91 174.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.244 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

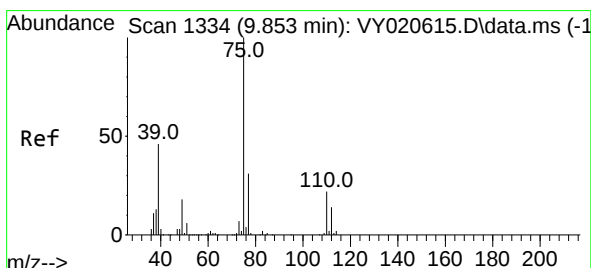
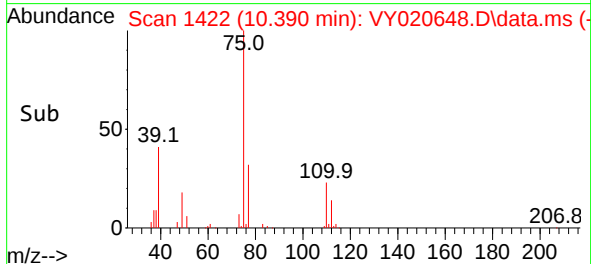
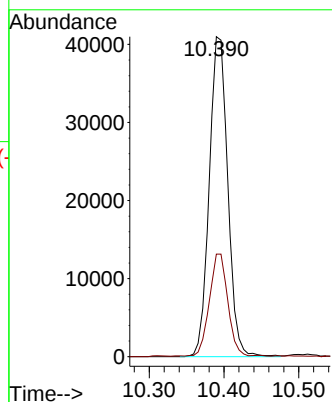
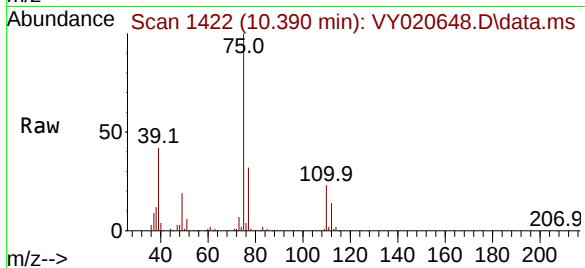
VY1219SBS01

Tgt Ion: 75 Resp: 70524

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.121 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

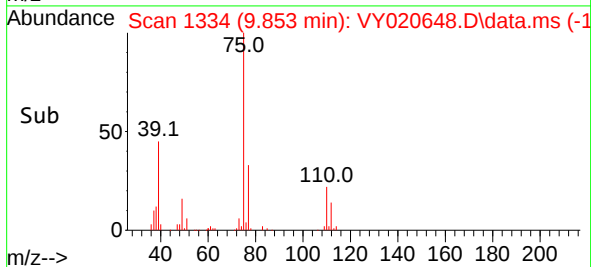
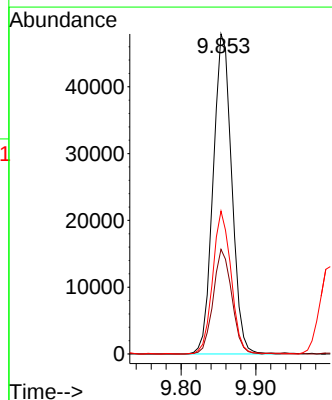
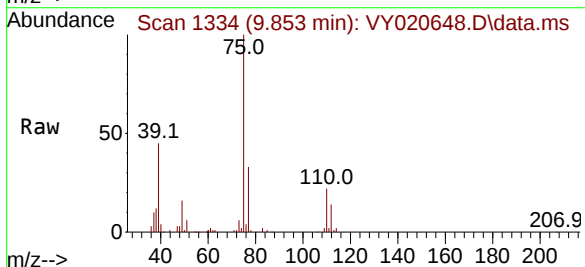
Tgt Ion: 75 Resp: 83064

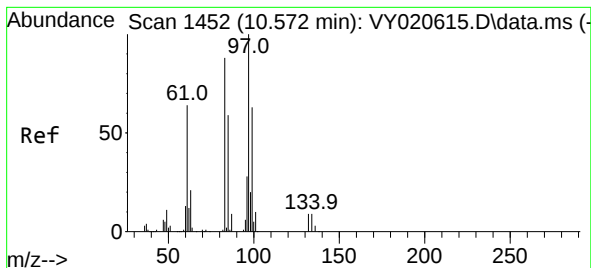
Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

39 44.7 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.842 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tgt Ion: 97 Resp: 38140

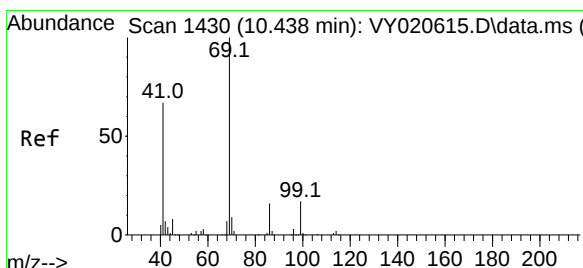
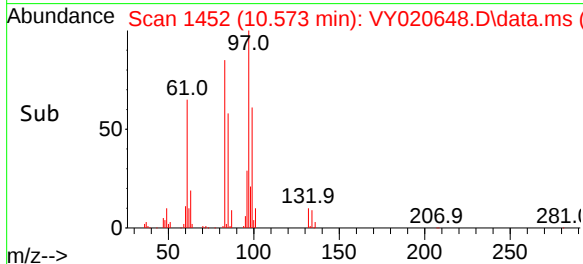
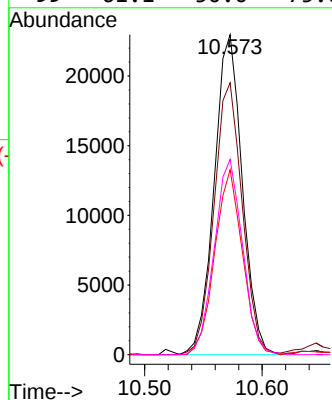
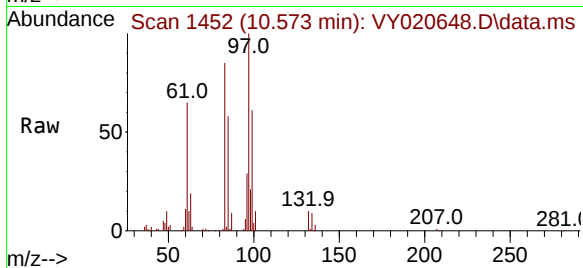
Ion Ratio Lower Upper

97 100

83 84.8 70.4 105.6

85 57.8 47.2 70.8

99 61.1 50.0 75.0



#56

Ethyl methacrylate

Concen: 20.316 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

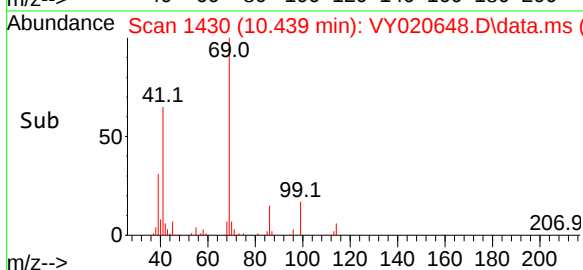
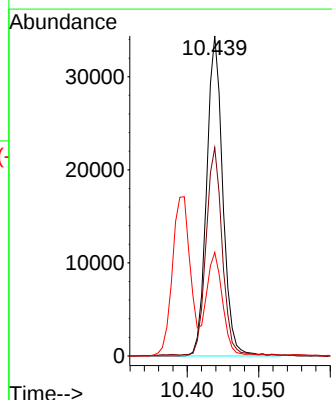
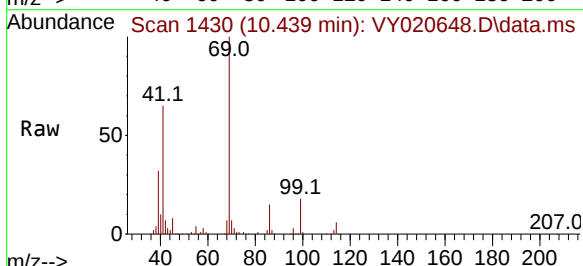
Tgt Ion: 69 Resp: 53934

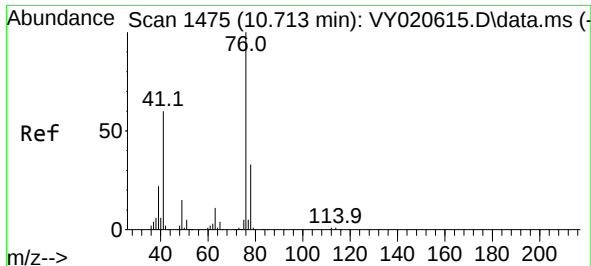
Ion Ratio Lower Upper

69 100

41 64.7 54.0 81.0

39 33.1 27.9 41.9





#57

1,3-Dichloropropane

Concen: 20.849 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

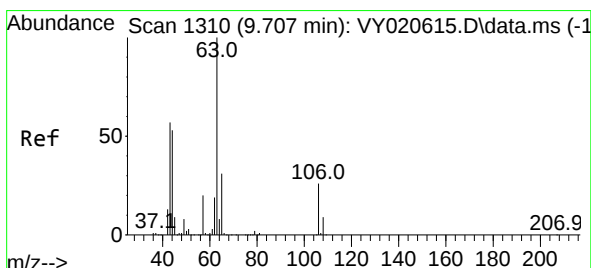
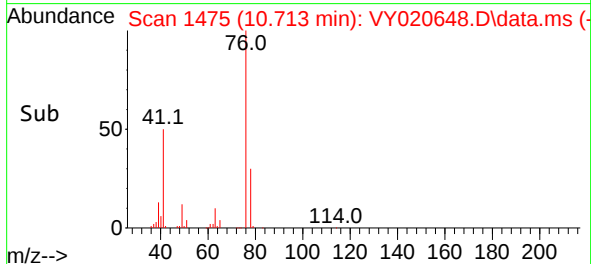
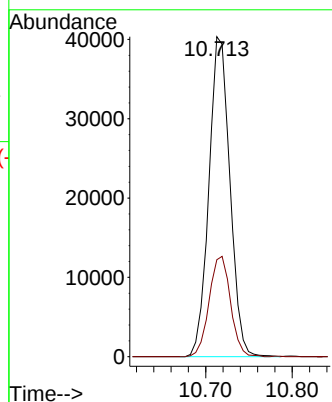
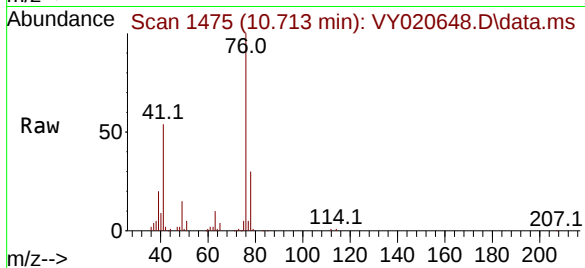
VY1219SBS01

Tgt Ion: 76 Resp: 68011

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.418 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020648.D

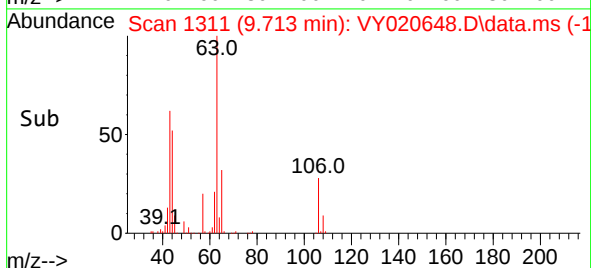
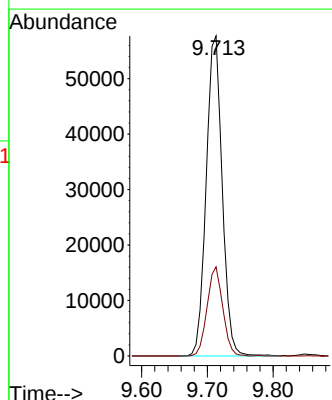
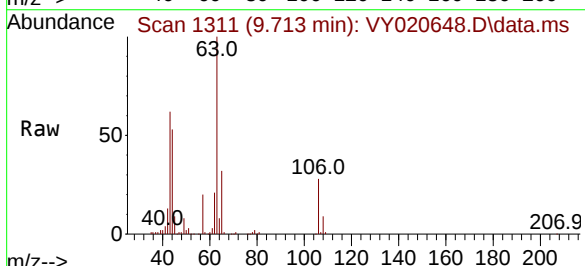
Acq: 19 Dec 2024 12:16

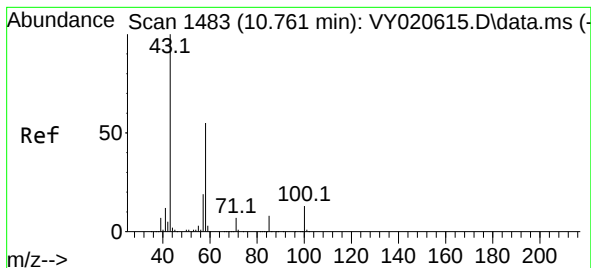
Tgt Ion: 63 Resp: 97648

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3

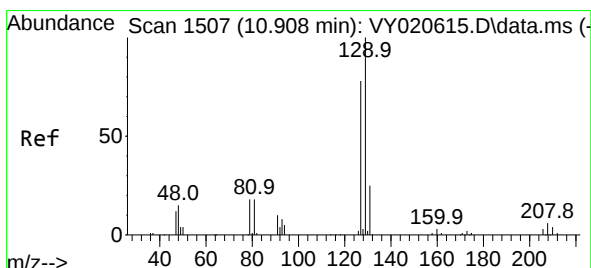
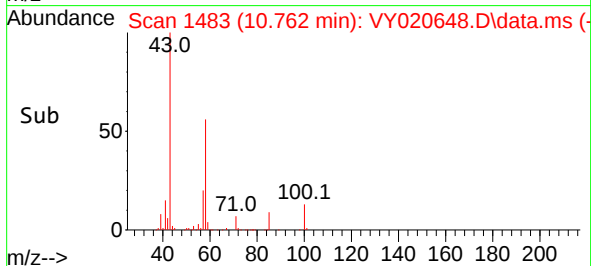
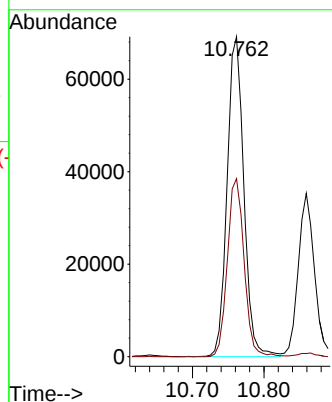
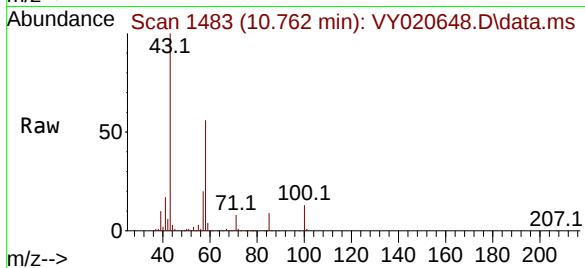




#59
2-Hexanone
Concen: 97.323 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

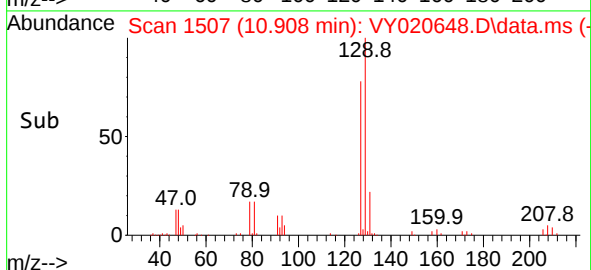
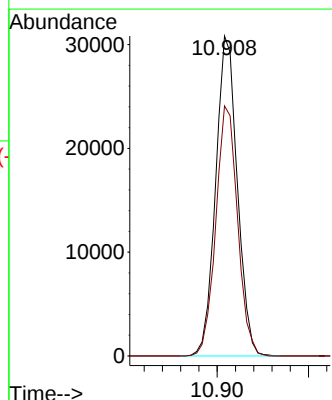
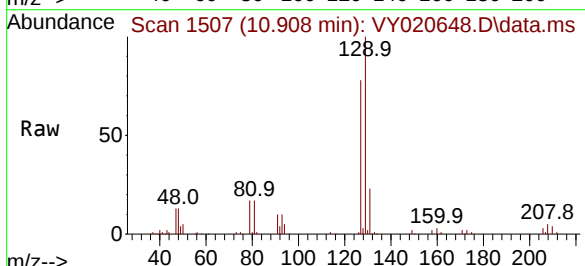
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

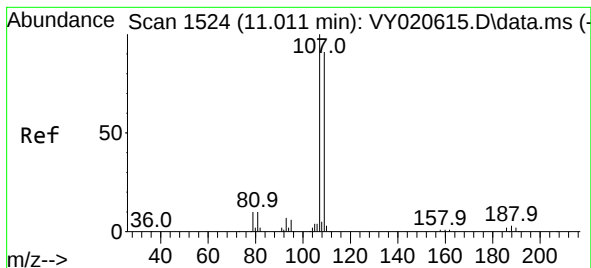
Tgt Ion: 43 Resp: 112285
Ion Ratio Lower Upper
43 100
58 55.7 27.2 81.6



#60
Dibromochloromethane
Concen: 20.717 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 129 Resp: 50701
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.3

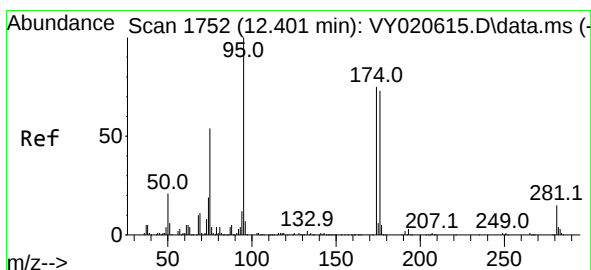
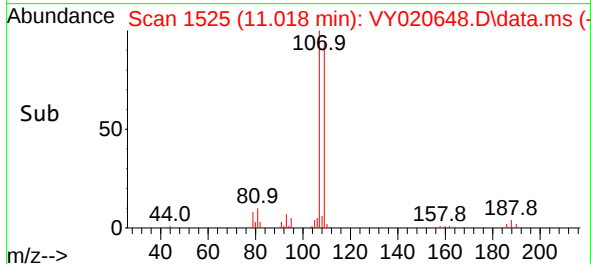
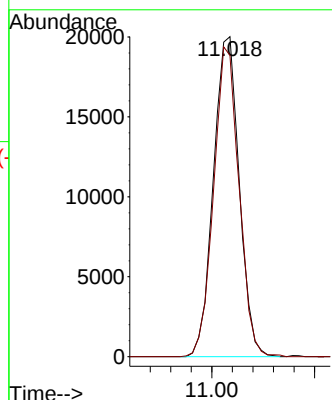
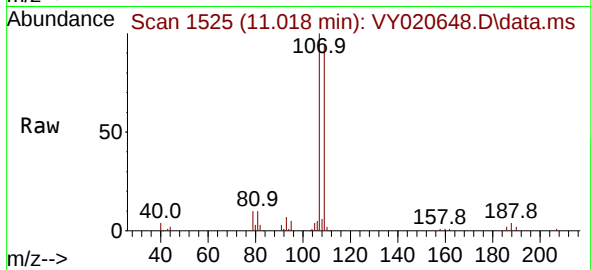




#61
1,2-Dibromoethane
Concen: 20.471 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

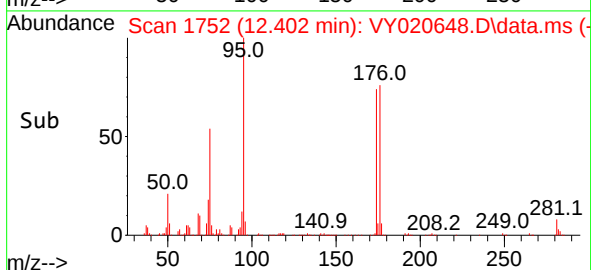
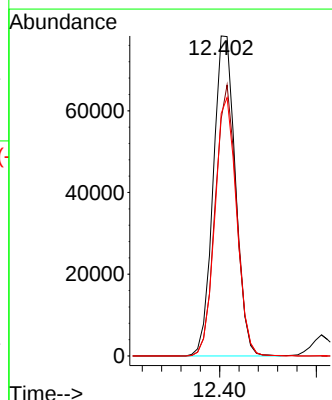
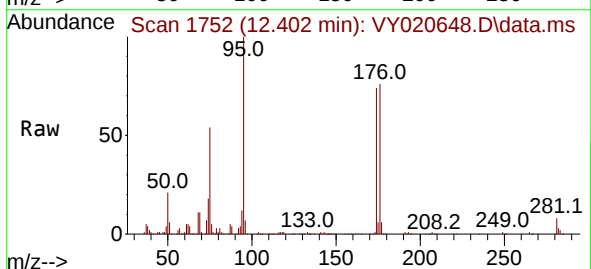
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

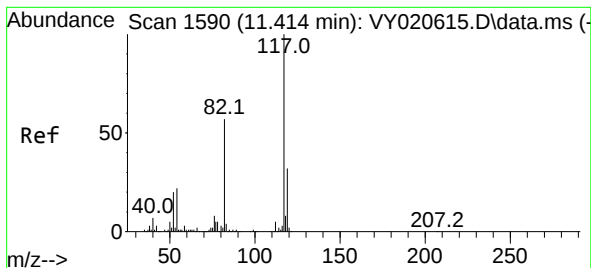
Tgt Ion:107 Resp: 34845
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 95 Resp: 124702
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.8
176 78.9 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

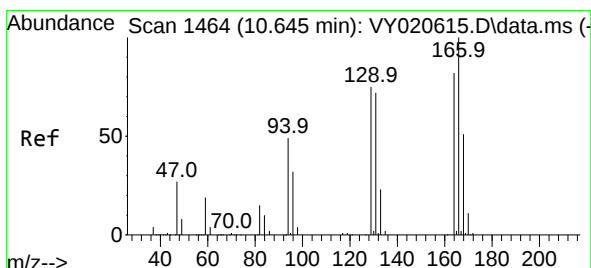
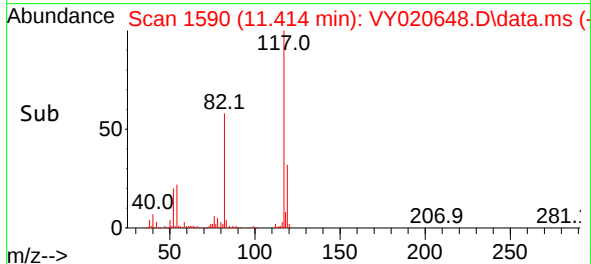
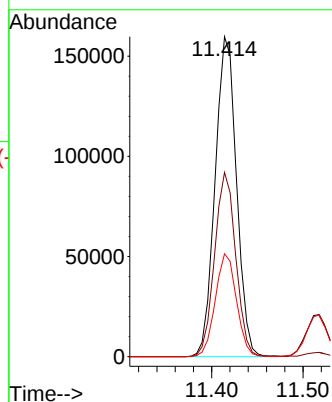
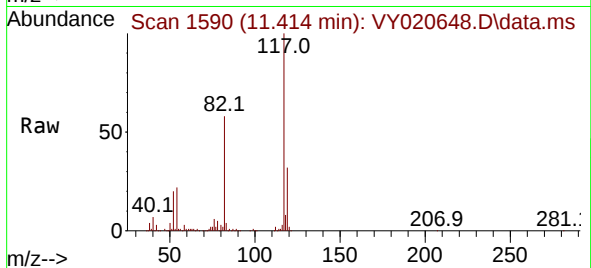
Tgt Ion:117 Resp: 260071

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.6

119 32.1 25.3 37.9



#64

Tetrachloroethene

Concen: 19.850 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Tgt Ion:164 Resp: 48558

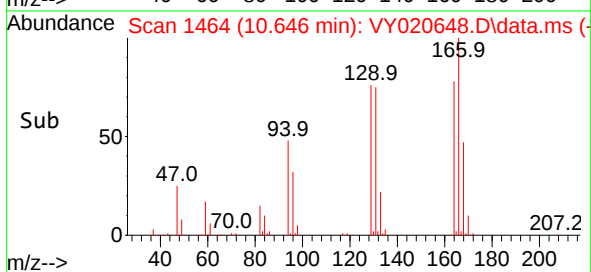
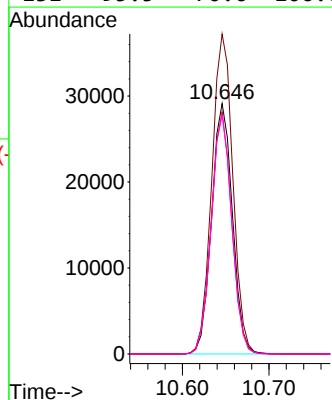
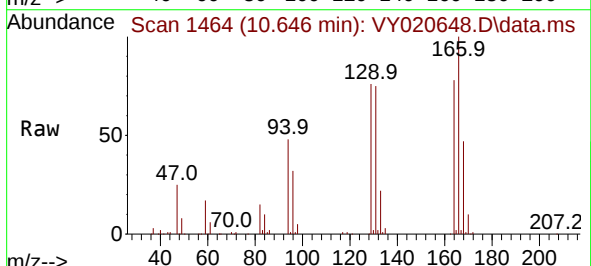
Ion Ratio Lower Upper

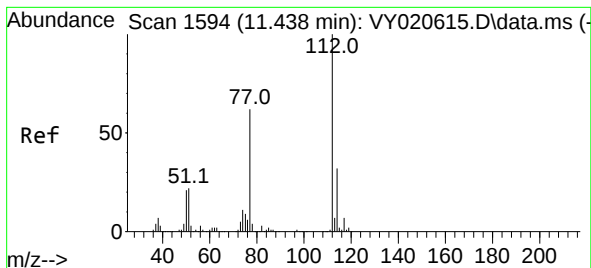
164 100

166 127.8 97.9 146.9

129 96.7 73.4 110.0

131 95.5 70.6 106.0





#65

Chlorobenzene

Concen: 20.767 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

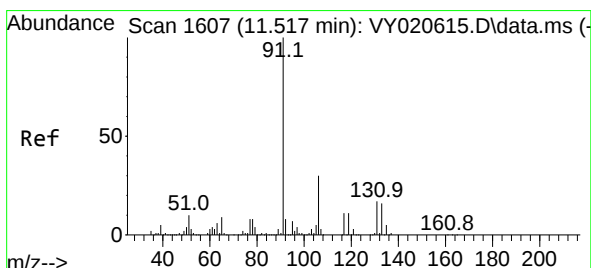
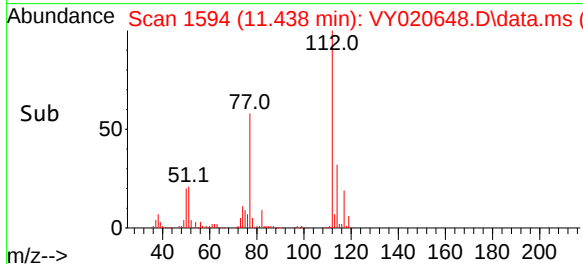
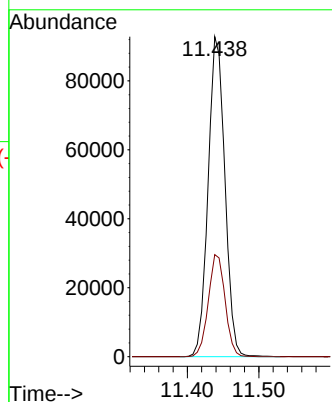
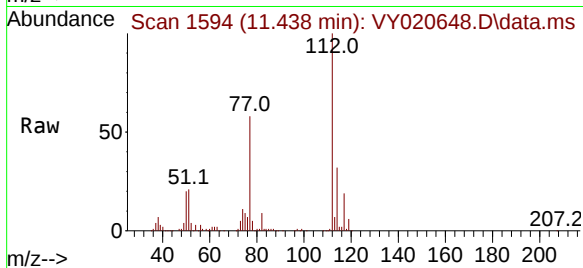
VY1219SBS01

Tgt Ion:112 Resp: 151012

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.072 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

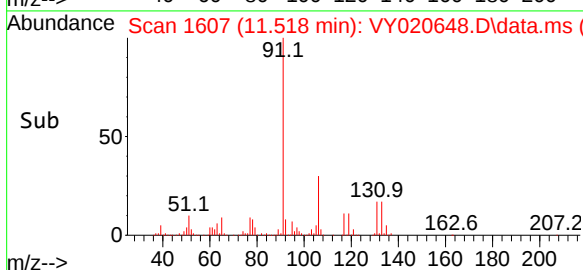
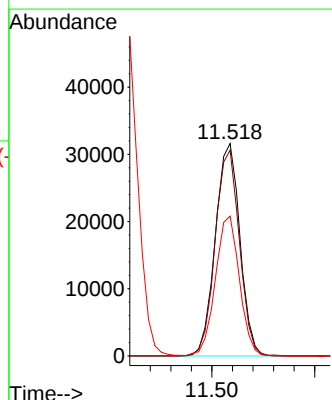
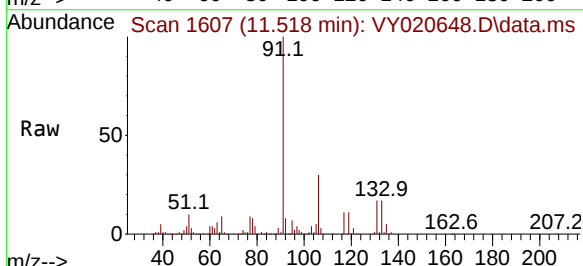
Tgt Ion:131 Resp: 52397

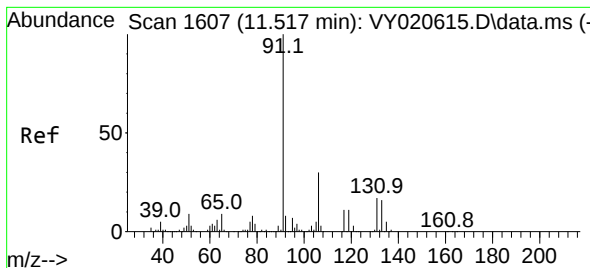
Ion Ratio Lower Upper

131 100

133 95.5 46.8 140.3

119 64.4 31.8 95.3





#67

Ethyl Benzene

Concen: 20.393 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

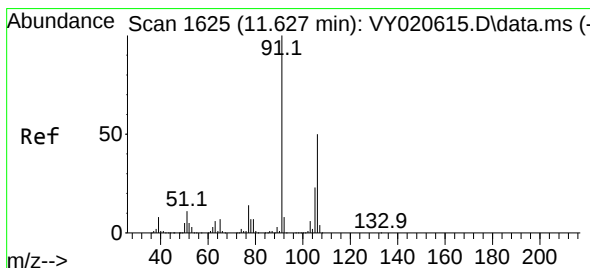
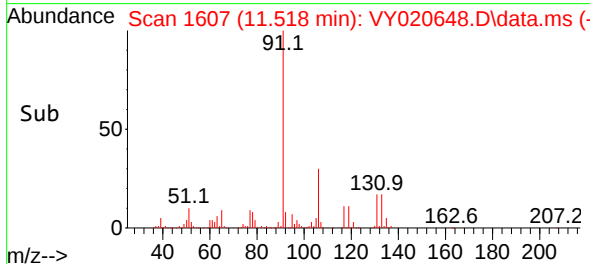
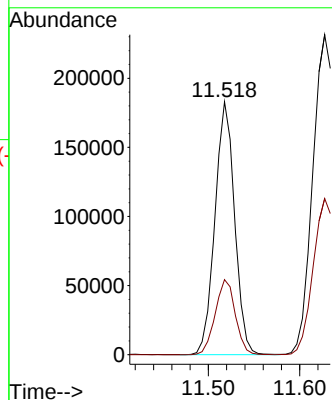
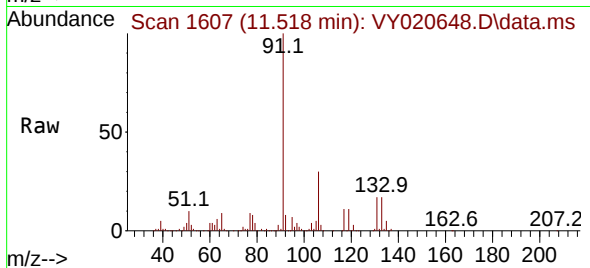
VY1219SBS01

Tgt Ion: 91 Resp: 273589

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9



#68

m/p-Xylenes

Concen: 40.745 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020648.D

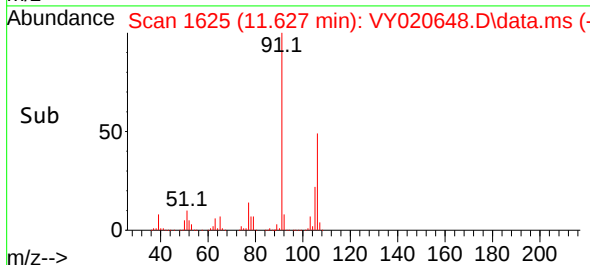
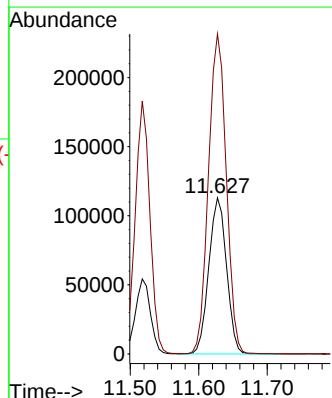
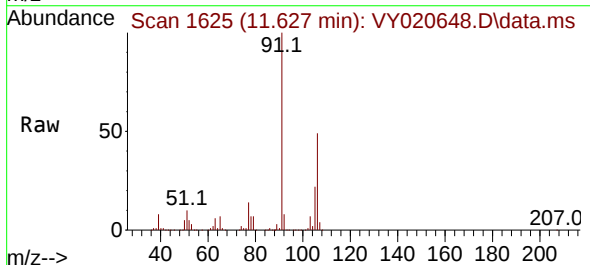
Acq: 19 Dec 2024 12:16

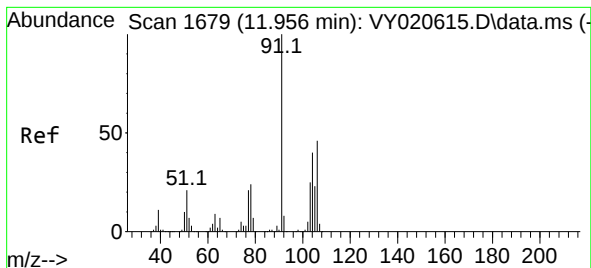
Tgt Ion:106 Resp: 203239

Ion Ratio Lower Upper

106 100

91 205.9 165.0 247.4

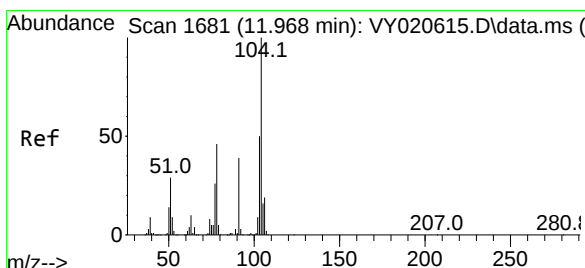
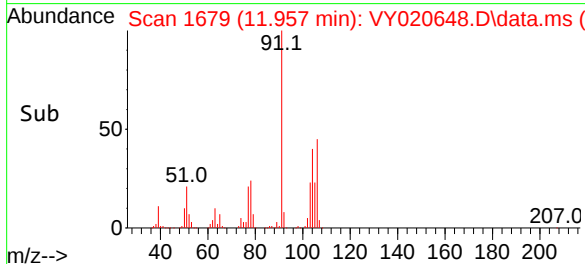
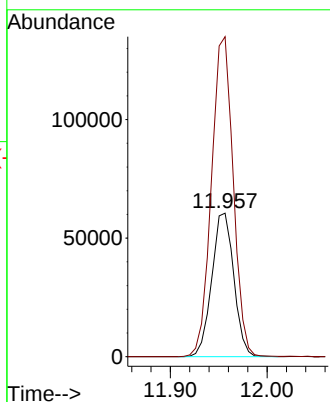
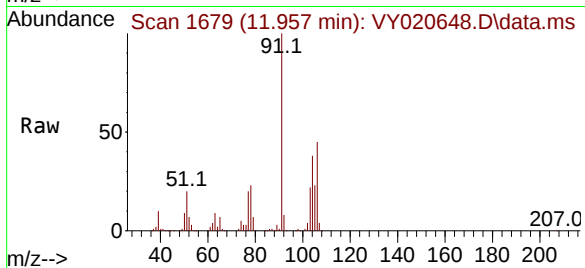




#69
o-Xylene
Concen: 20.550 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

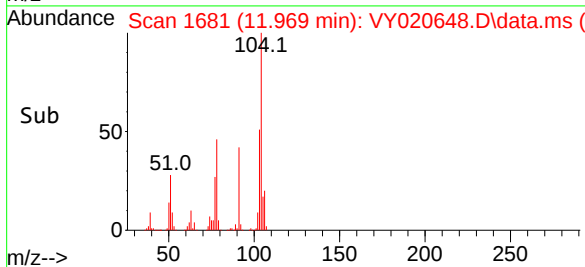
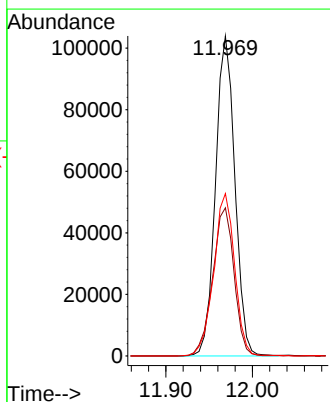
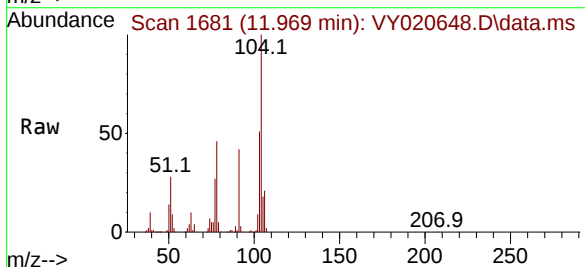
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

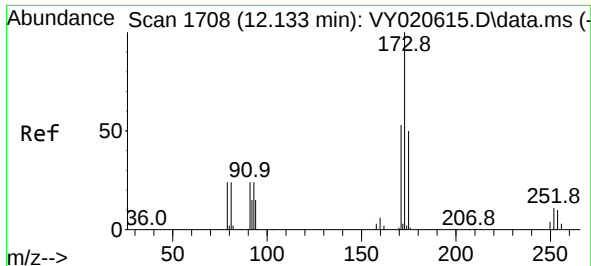
Tgt Ion:106 Resp: 95641
Ion Ratio Lower Upper
106 100
91 220.1 108.4 325.2



#70
Styrene
Concen: 20.779 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:104 Resp: 161573
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.0 43.7 65.5

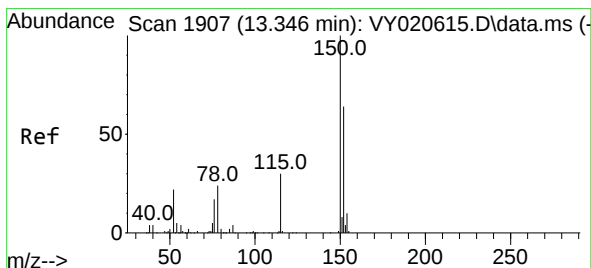
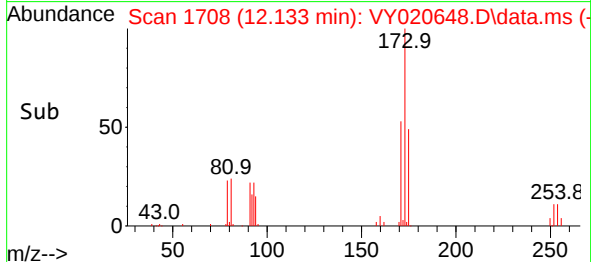
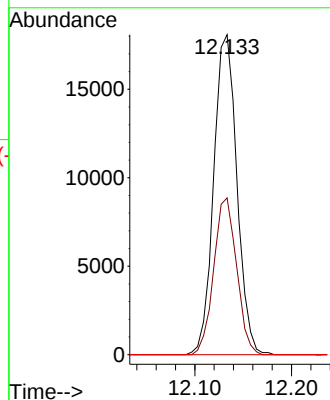
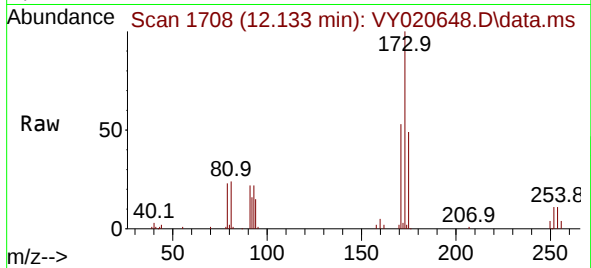




#71
Bromoform
Concen: 21.516 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

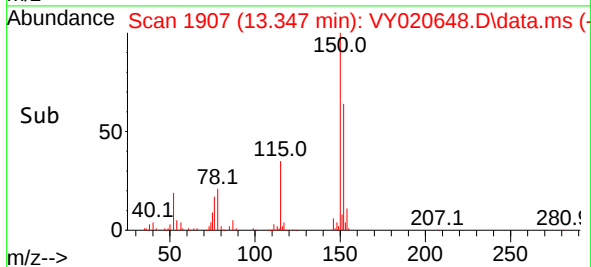
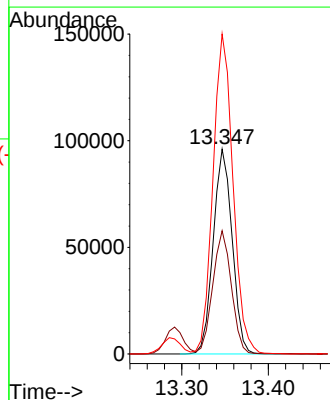
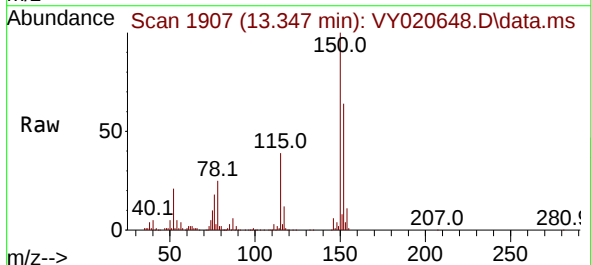
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

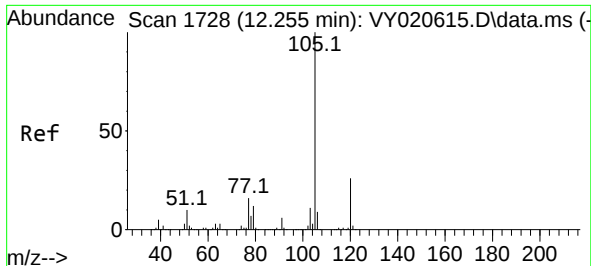
Tgt Ion:173 Resp: 30081
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:152 Resp: 145799
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 165.3 0.0 355.4

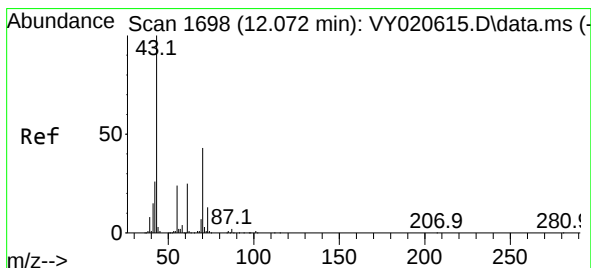
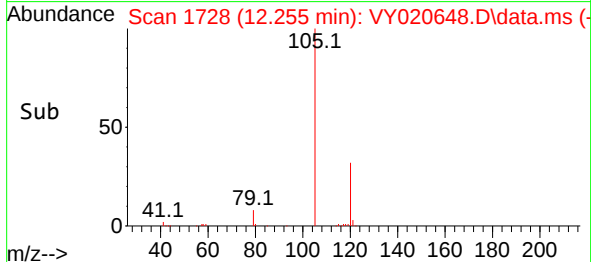
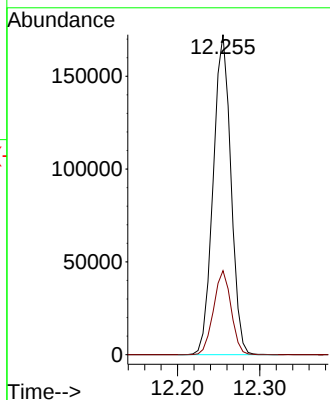
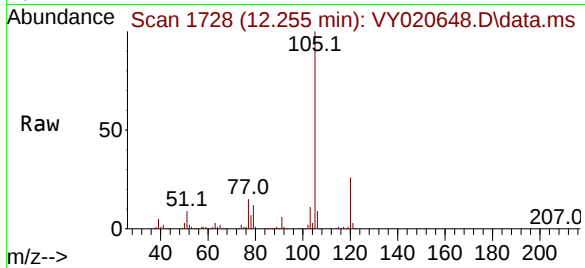




#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

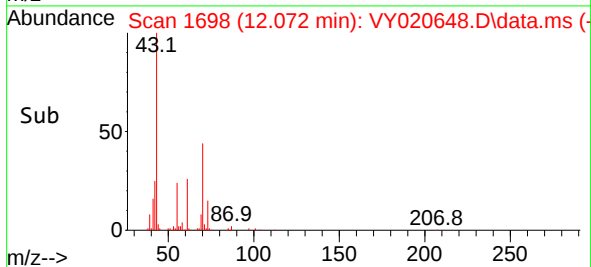
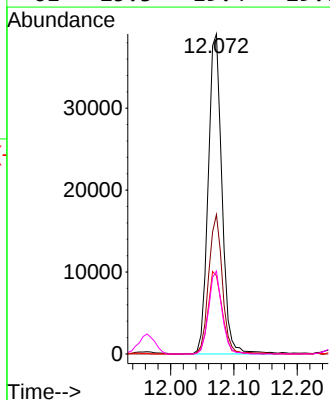
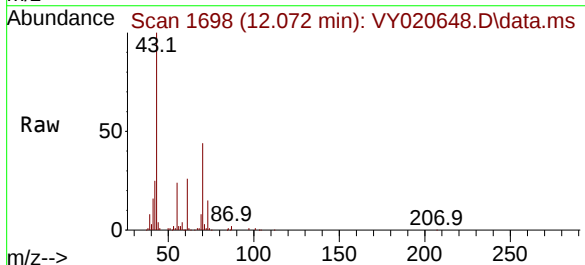
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

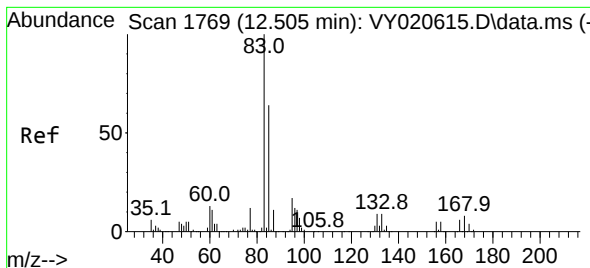
Tgt Ion:105 Resp: 258314
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 19.811 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 43 Resp: 58991
Ion Ratio Lower Upper
43 100
70 43.0 34.2 51.2
55 26.5 19.6 29.4
61 25.3 19.4 29.0

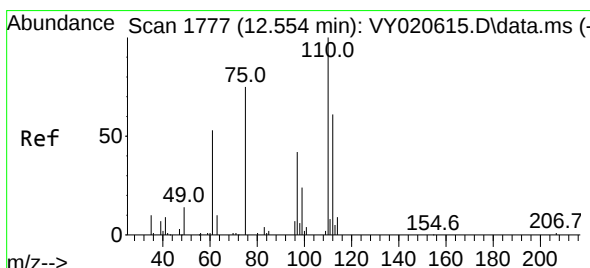
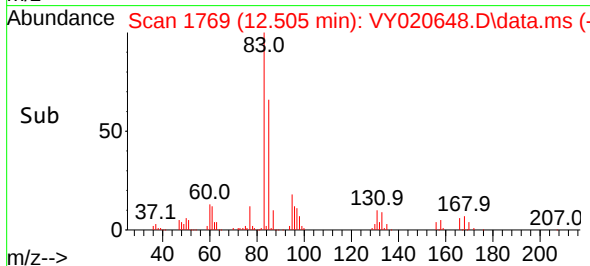
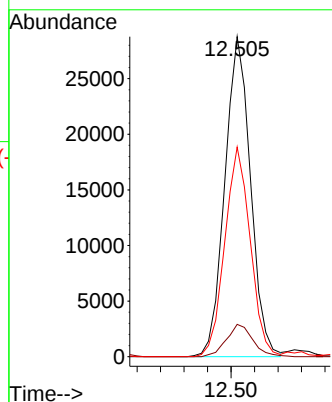
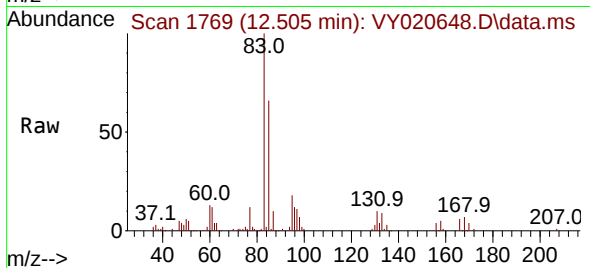




#75
1,1,2,2-Tetrachloroethane
Concen: 21.166 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

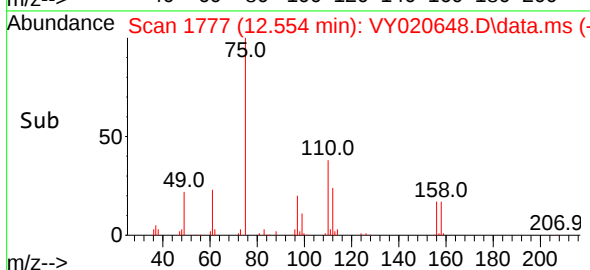
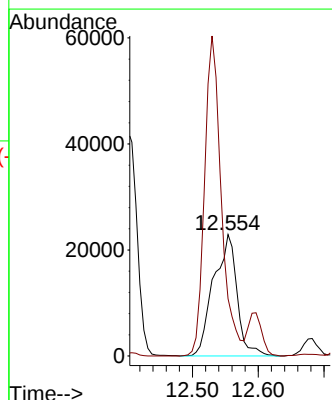
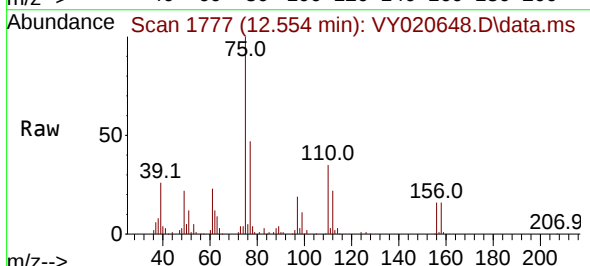
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

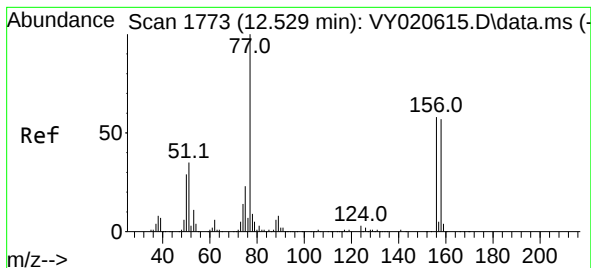
Tgt Ion: 83 Resp: 43713
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 64.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 37.572 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 75 Resp: 56906
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.246 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBSD01

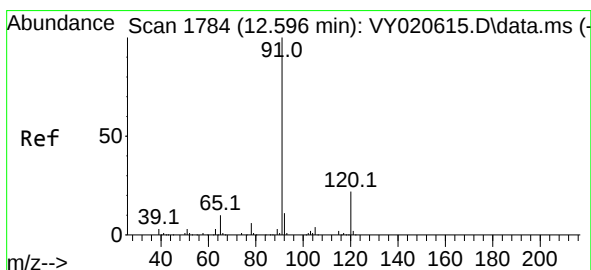
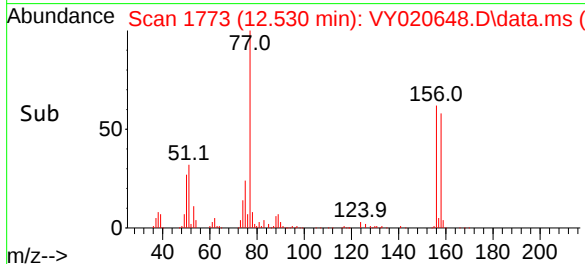
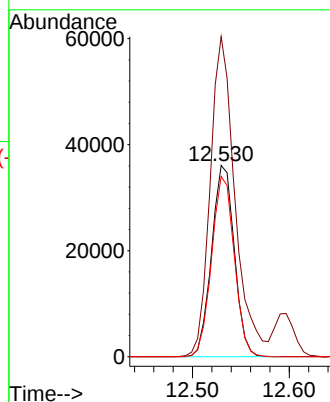
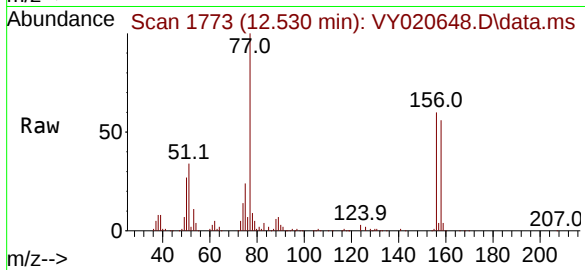
Tgt Ion:156 Resp: 58884

Ion Ratio Lower Upper

156 100

77 183.2 94.2 282.4

158 94.1 48.9 146.6



#78

n-propylbenzene

Concen: 20.460 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020648.D

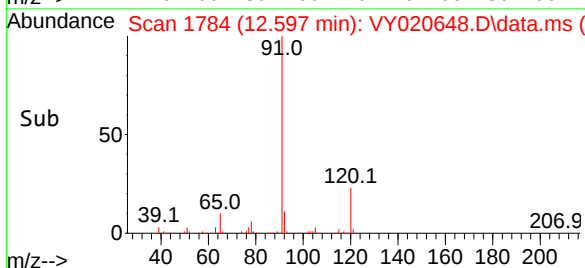
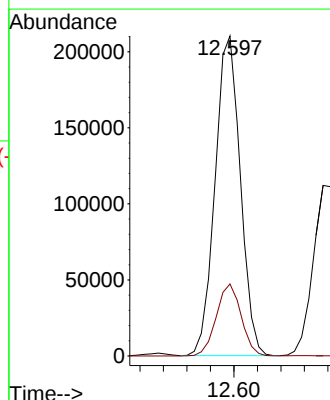
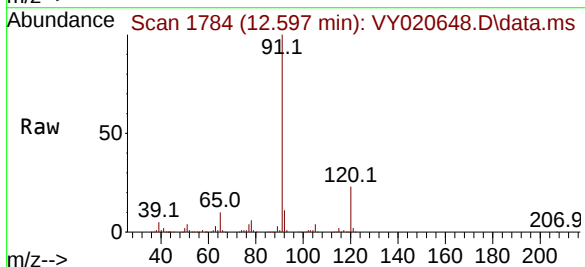
Acq: 19 Dec 2024 12:16

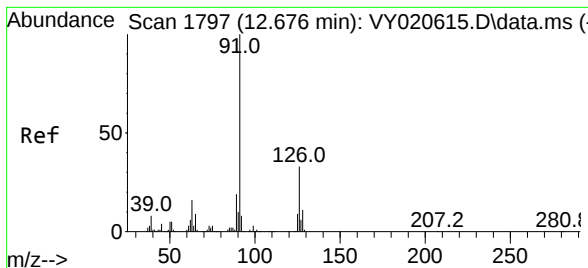
Tgt Ion: 91 Resp: 313629

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.1

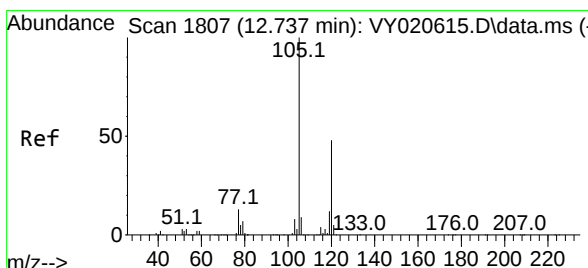
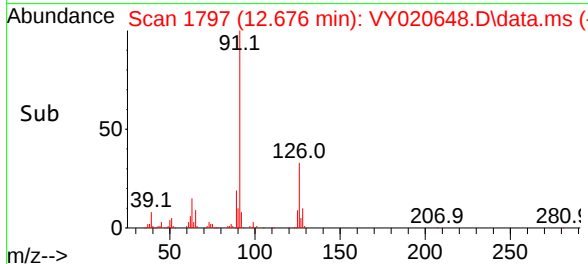
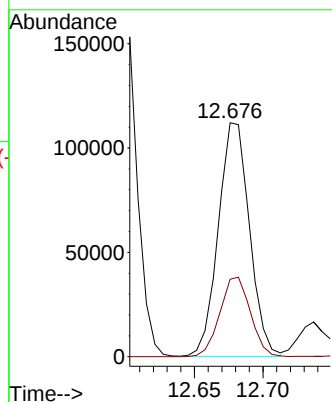
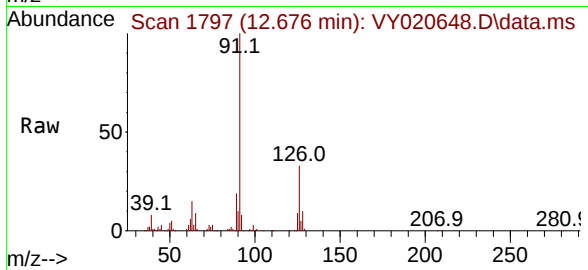




#79
2-Chlorotoluene
Concen: 20.553 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

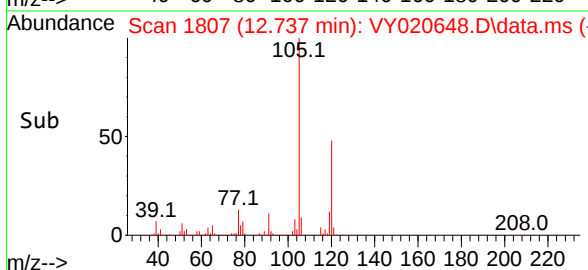
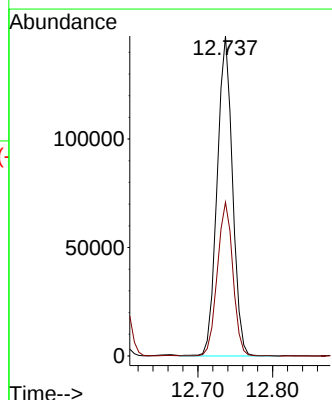
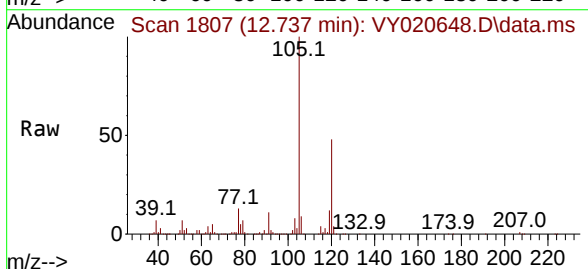
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

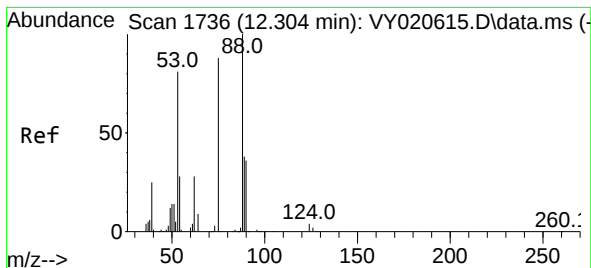
Tgt Ion: 91 Resp: 177260
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.461 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion: 105 Resp: 211239
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

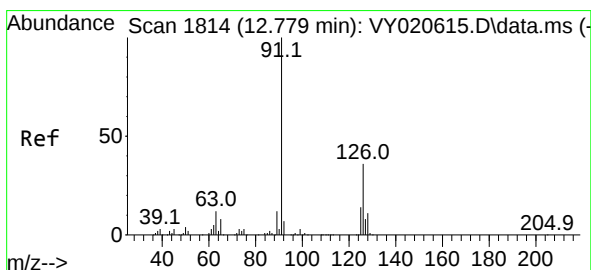
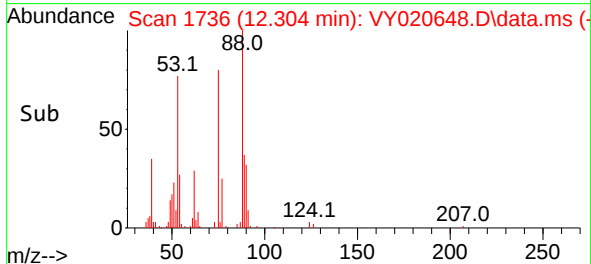
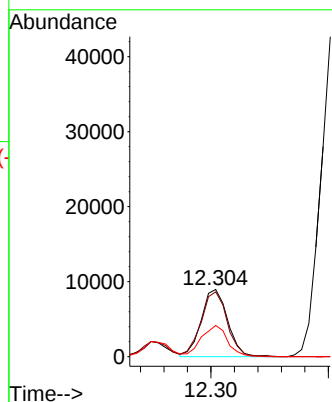
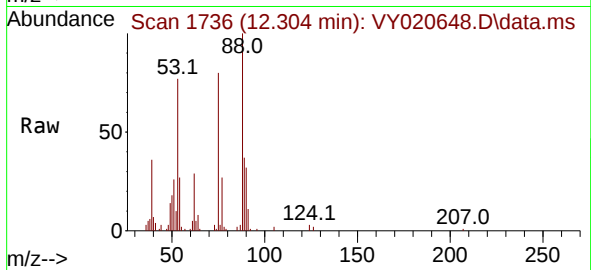




#81
trans-1,4-Dichloro-2-butene
Concen: 19.415 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

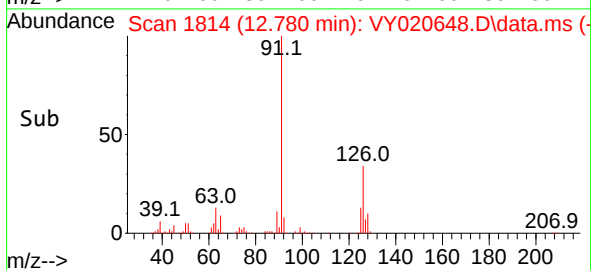
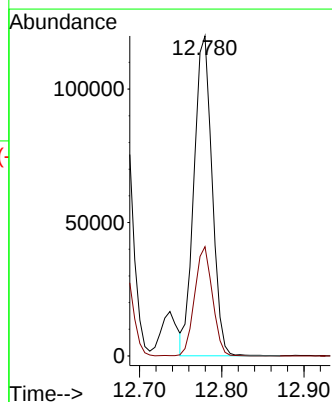
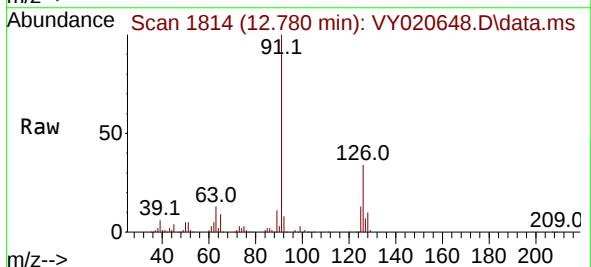
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBSD01

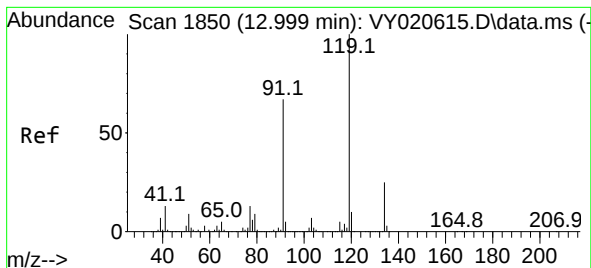
Tgt Ion:	75	Resp:	14009
Ion	Ratio	Lower	Upper
75	100		
53	95.6	75.4	113.2
89	46.1	37.0	55.4



#82
4-Chlorotoluene
Concen: 20.440 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020648.D
Acq: 19 Dec 2024 12:16

Tgt Ion:	91	Resp:	182881
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7





#83

tert-Butylbenzene

Concen: 20.553 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

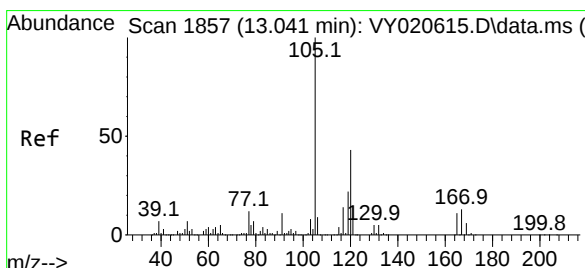
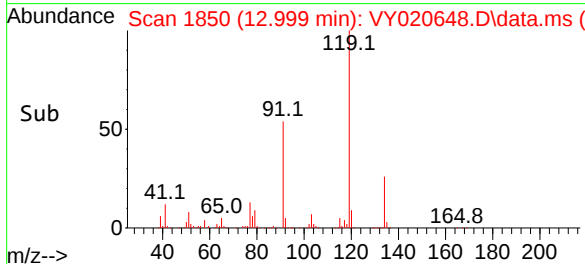
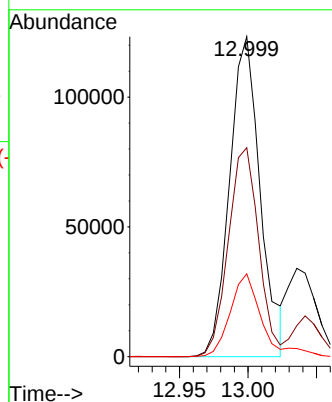
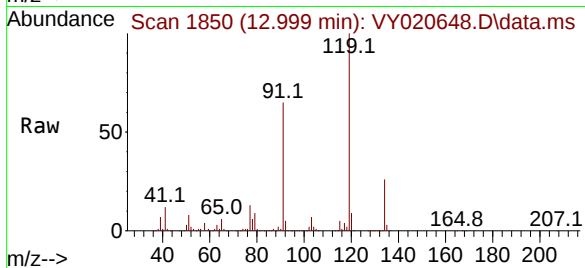
Tgt Ion:119 Resp: 192166

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.924 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020648.D

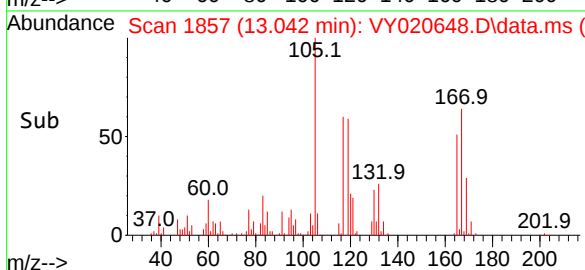
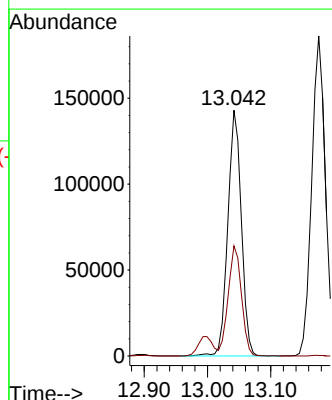
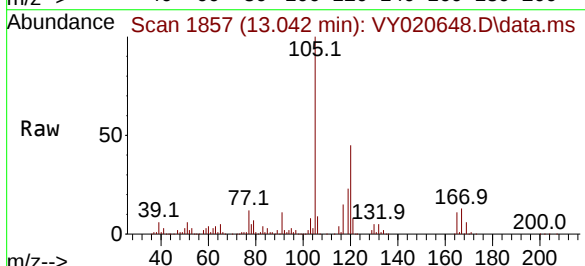
Acq: 19 Dec 2024 12:16

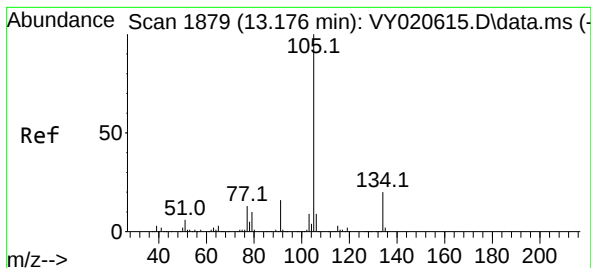
Tgt Ion:105 Resp: 211889

Ion Ratio Lower Upper

105 100

120 43.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.391 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

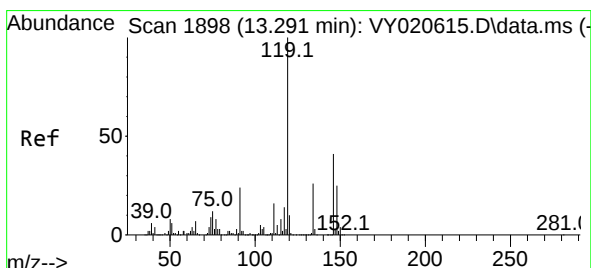
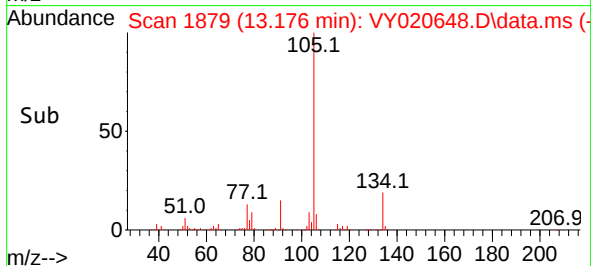
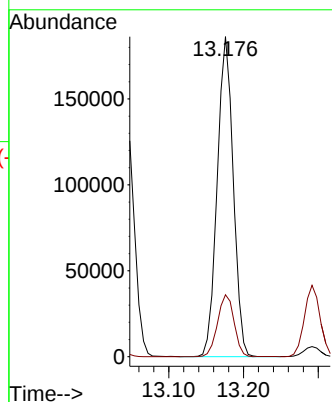
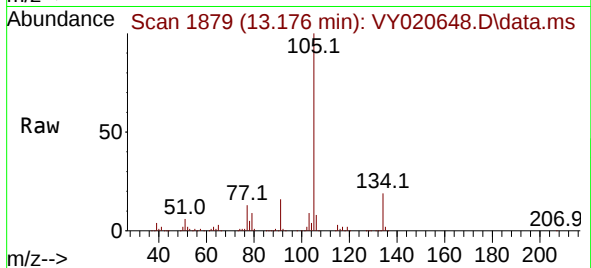
VY1219SBS01

Tgt Ion:105 Resp: 277206

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.460 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

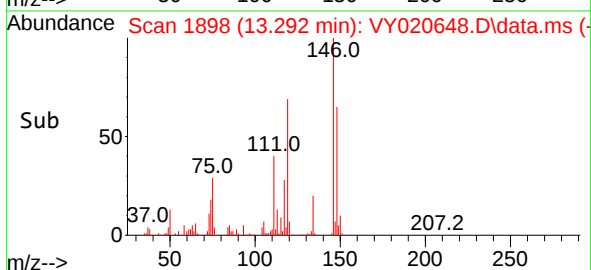
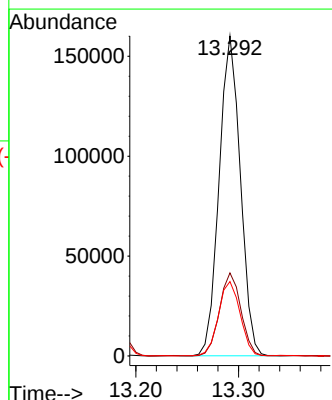
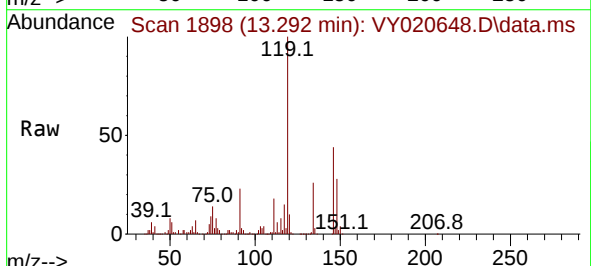
Tgt Ion:119 Resp: 229321

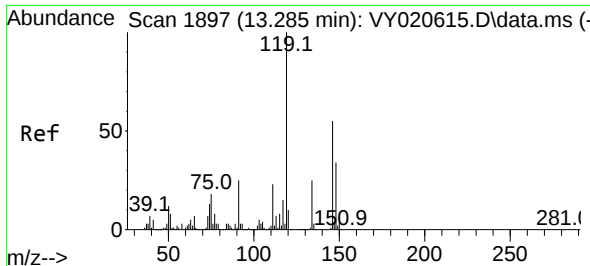
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.994 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBSD01

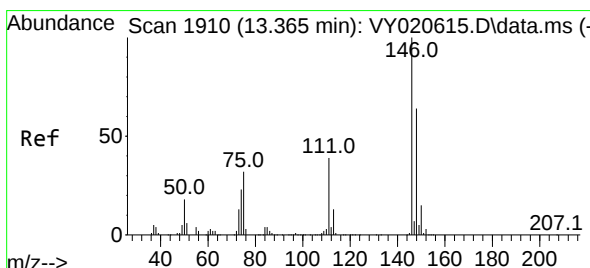
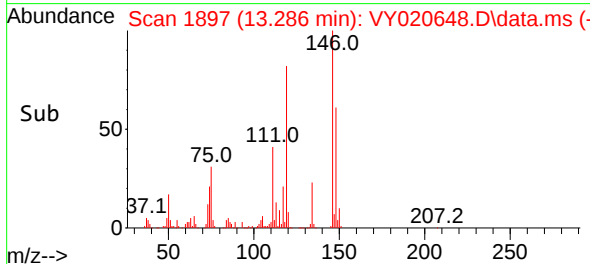
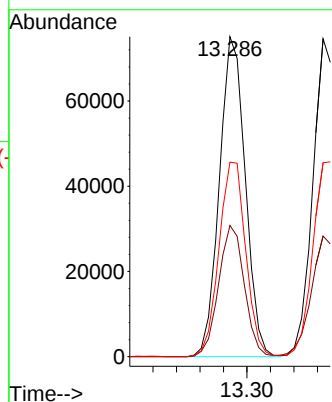
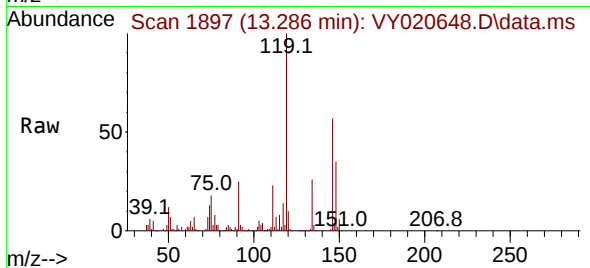
Tgt Ion:146 Resp: 114859

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 62.8 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 20.811 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

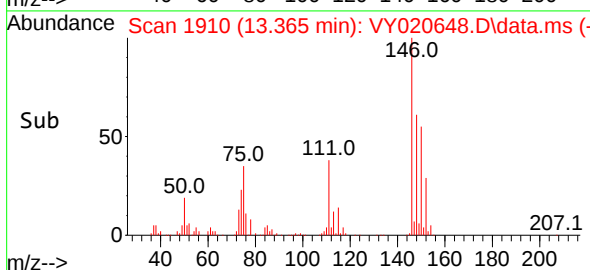
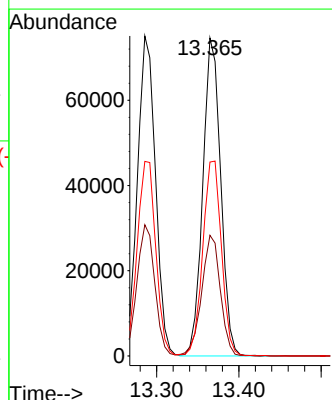
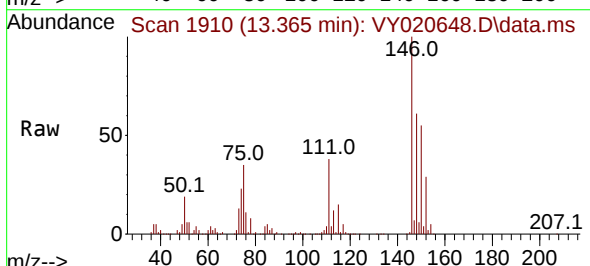
Tgt Ion:146 Resp: 112768

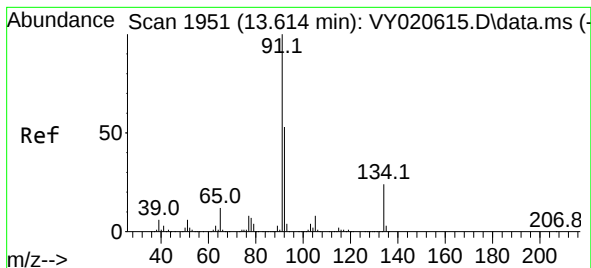
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 20.129 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

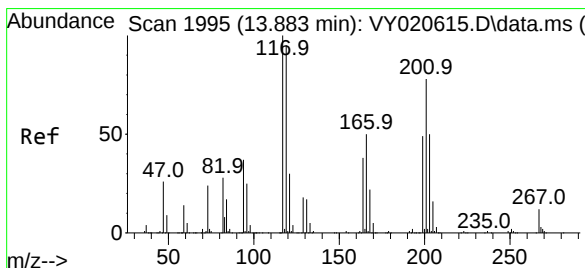
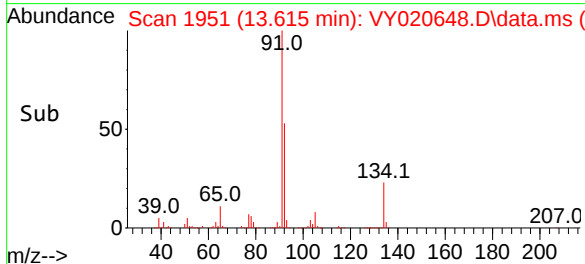
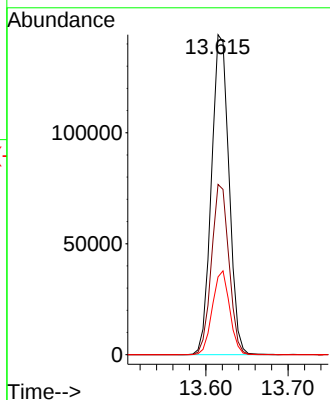
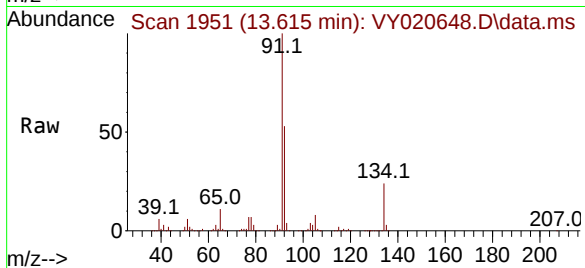
Tgt Ion: 91 Resp: 213814

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 25.7 12.5 37.5



#90

Hexachloroethane

Concen: 20.849 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020648.D

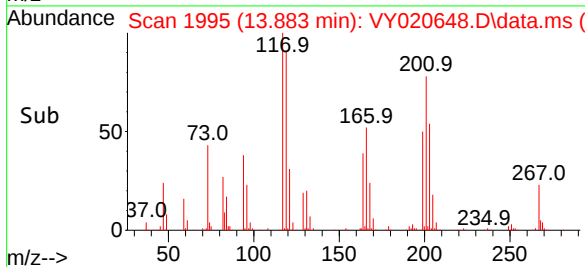
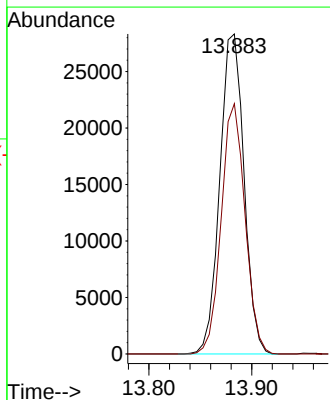
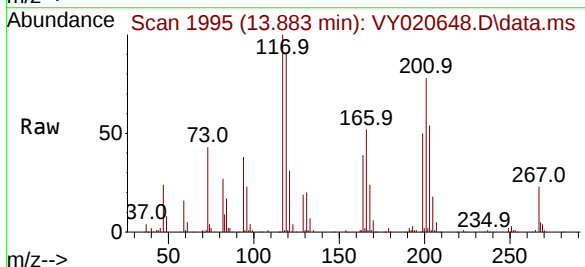
Acq: 19 Dec 2024 12:16

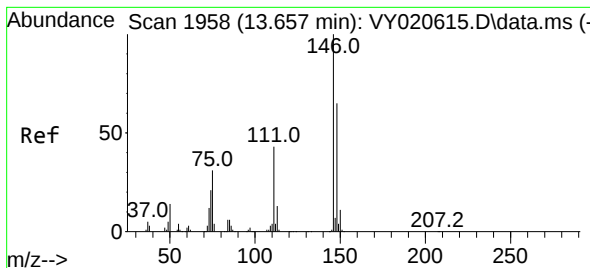
Tgt Ion: 117 Resp: 46309

Ion Ratio Lower Upper

117 100

201 76.9 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 20.925 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBSD01

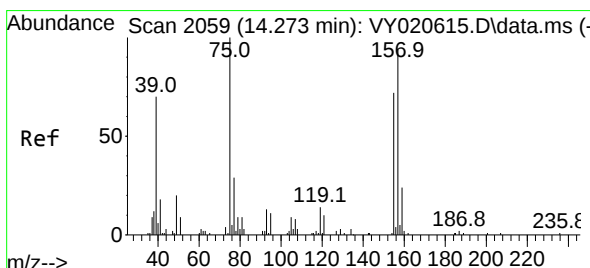
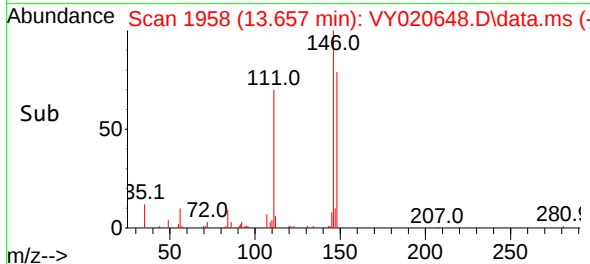
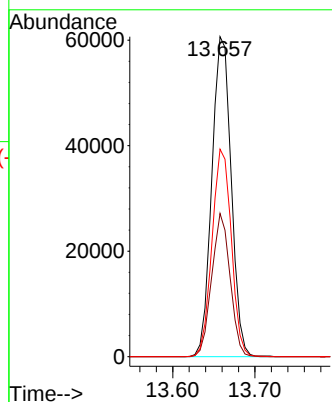
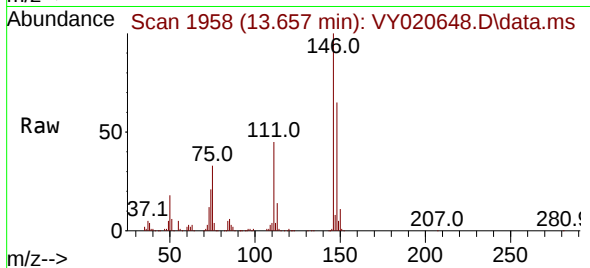
Tgt Ion:146 Resp: 99191

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.033 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

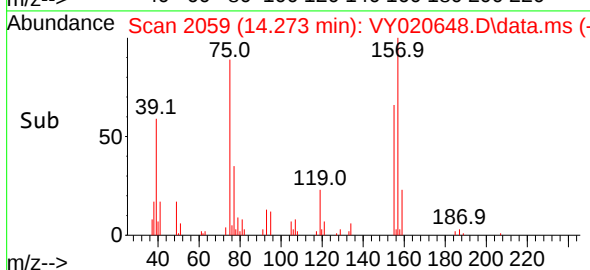
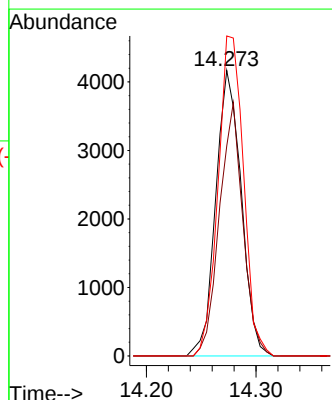
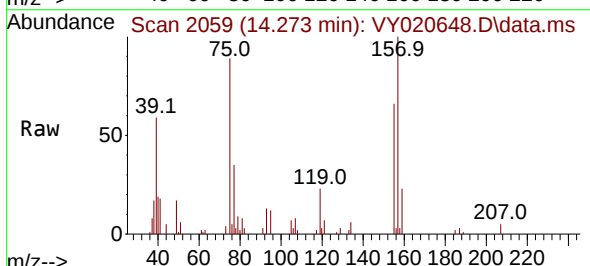
Tgt Ion: 75 Resp: 6717

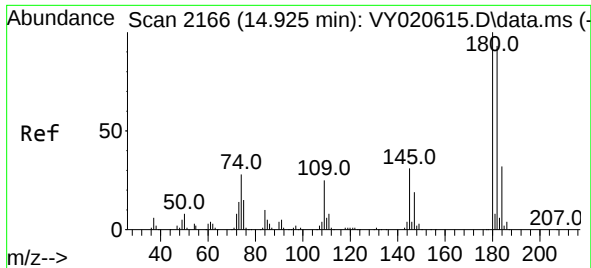
Ion Ratio Lower Upper

75 100

155 82.0 41.1 123.3

157 112.3 52.9 158.8

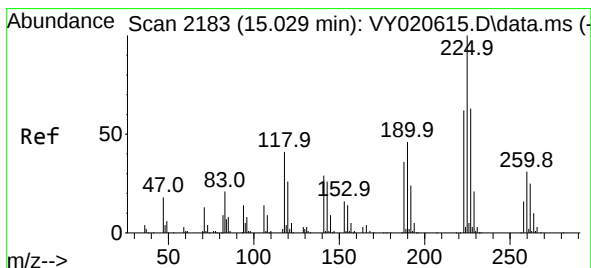
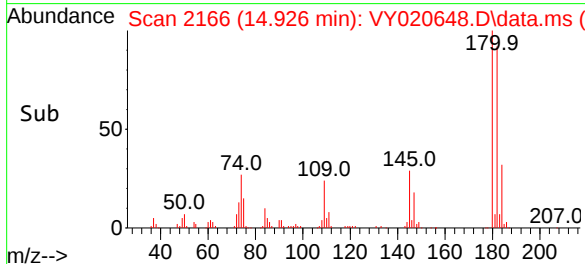
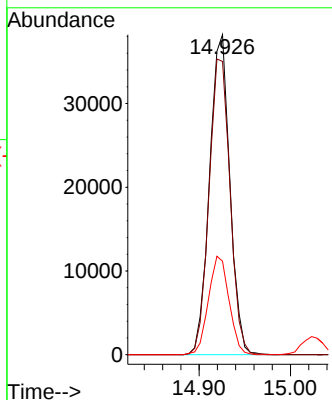
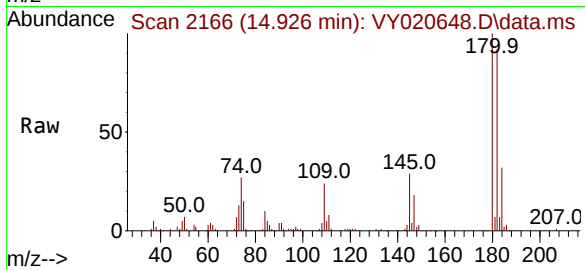




#93
 1,2,4-Trichlorobenzene
 Concen: 20.537 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY020648.D
 Acq: 19 Dec 2024 12:16

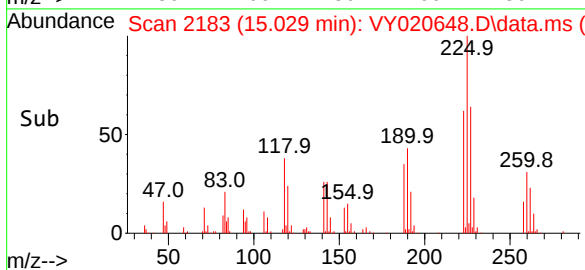
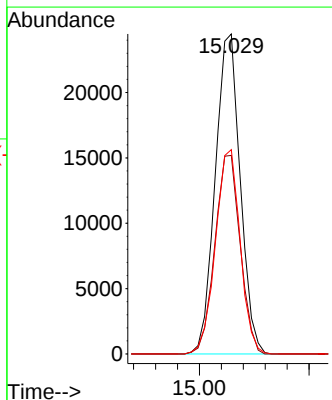
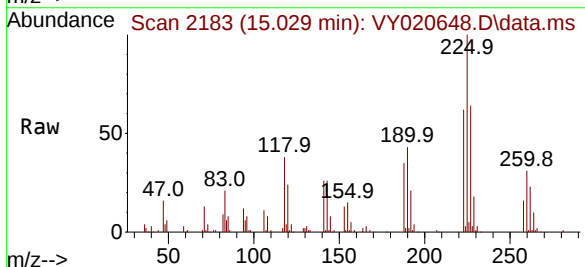
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

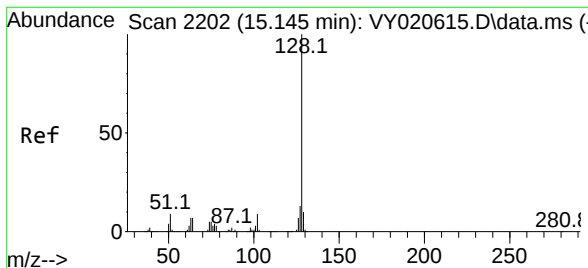
Tgt Ion:180 Resp: 58884
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 31.2 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 20.659 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY020648.D
 Acq: 19 Dec 2024 12:16

Tgt Ion:225 Resp: 38722
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.8 95.3
 227 63.0 32.2 96.6





#95

Naphthalene

Concen: 20.841 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

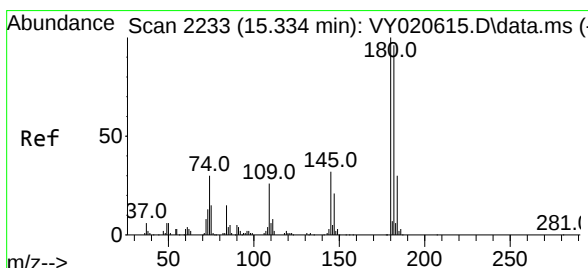
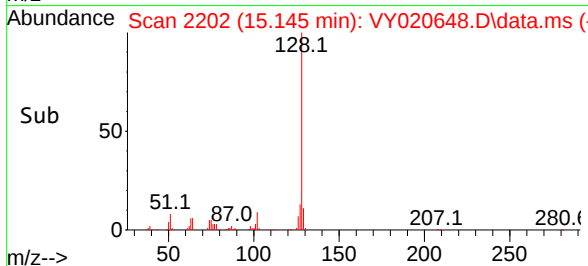
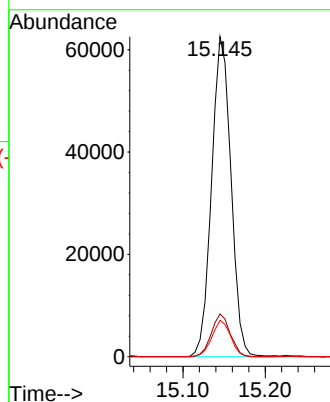
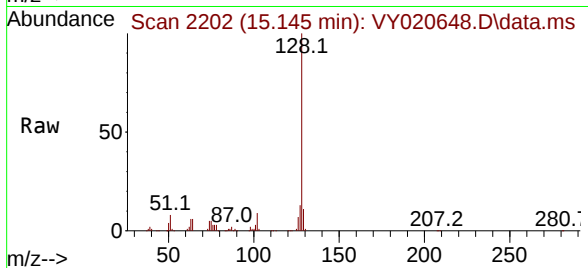
Tgt Ion:128 Resp: 102448

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.999 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY020648.D

Acq: 19 Dec 2024 12:16

Tgt Ion:180 Resp: 50871

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 31.5 16.0 48.0

