

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020751.D
 Acq On : 30 Dec 2024 12:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 00:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	150967	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.610	114	217748	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.414	117	183202	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	92631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	66873	54.080	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.634	113	66416	55.375	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.740%	
50) Toluene-d8	10.103	98	258628	54.080	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.160%	
62) 4-Bromofluorobenzene	12.408	95	87826	55.100	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 110.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	54581	45.933	ug/l	99
3) Chloromethane	2.068	50	25571	57.701	ug/l	97
4) Vinyl Chloride	2.202	62	29164	53.114	ug/l	99
5) Bromomethane	2.592	94	21479	51.811	ug/l	97
6) Chloroethane	2.733	64	17833	54.140	ug/l	98
7) Trichlorofluoromethane	3.056	101	90100	42.671	ug/l	97
8) Diethyl Ether	3.452	74	27168	54.071	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	58909	50.819	ug/l	98
10) Methyl Iodide	4.001	142	65175	51.416	ug/l	93
11) Tert butyl alcohol	4.854	59	21872	286.075	ug/l #	95
12) 1,1-Dichloroethene	3.787	96	55072	53.376	ug/l	94
13) Acrolein	3.653	56	5264	203.641	ug/l	93
14) Allyl chloride	4.379	41	72790	60.286	ug/l	86
15) Acrylonitrile	5.055	53	54768	282.160	ug/l	96
16) Acetone	3.866	43	38743	246.976	ug/l	93
17) Carbon Disulfide	4.104	76	141355	55.849	ug/l	99
18) Methyl Acetate	4.379	43	25541	60.158	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	145527	50.604	ug/l	99
20) Methylene Chloride	4.610	84	55987	54.875	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	59758	53.747	ug/l	97
22) Diisopropyl ether	6.019	45	149699	60.990	ug/l	92
23) Vinyl Acetate	5.958	43	420289	286.681	ug/l	98
24) 1,1-Dichloroethane	5.915	63	103640	56.319	ug/l	99
25) 2-Butanone	6.890	43	62896	296.812	ug/l	95
26) 2,2-Dichloropropane	6.884	77	108952	48.372	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	71637	53.802	ug/l	99
28) Bromochloromethane	7.244	49	38590	79.298	ug/l	94
29) Tetrahydrofuran	7.256	42	40723	313.082	ug/l	95
30) Chloroform	7.421	83	118491	50.054	ug/l	97
31) Cyclohexane	7.695	56	83314	52.450	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	118844	46.835	ug/l	98
36) 1,1-Dichloropropene	7.835	75	81666	51.546	ug/l	98
37) Ethyl Acetate	6.982	43	29779	57.040	ug/l	98
38) Carbon Tetrachloride	7.811	117	115127	44.129	ug/l	97
39) Methylcyclohexane	9.109	83	103059	50.751	ug/l	98
40) Benzene	8.079	78	242396	52.791	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13861	52.560	ug/l	89
42) 1,2-Dichloroethane	8.152	62	66294	45.027	ug/l	96
43) Isopropyl Acetate	8.195	43	60543	54.559	ug/l #	86
44) Trichloroethene	8.860	130	67616	49.303	ug/l	98
45) 1,2-Dichloropropane	9.140	63	51426	55.330	ug/l	96
46) Dibromomethane	9.231	93	32208	50.082	ug/l	96
47) Bromodichloromethane	9.420	83	88374	48.471	ug/l	95
48) Methyl methacrylate	9.213	41	28473	54.945	ug/l #	91
49) 1,4-Dioxane	9.225	88	7022	1146.306	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	151382	282.634	ug/l	100
52) Toluene	10.170	92	163306	51.892	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	80680	50.382	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	90236	51.409	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	41836	50.964	ug/l	95
56) Ethyl methacrylate	10.438	69	57457	53.278	ug/l	95
57) 1,3-Dichloropropane	10.713	76	70506	52.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	129017	343.071	ug/l	95
59) 2-Hexanone	10.756	43	101339	286.561	ug/l	99
60) Dibromochloromethane	10.908	129	61984	46.729	ug/l	99
61) 1,2-Dibromoethane	11.012	107	39447	51.069	ug/l	99
64) Tetrachloroethene	10.646	164	61467	49.109	ug/l	98
65) Chlorobenzene	11.438	112	180361	50.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	67004	48.212	ug/l	97
67) Ethyl Benzene	11.518	91	318634	50.821	ug/l	98
68) m/p-Xylenes	11.627	106	247178	103.351	ug/l	96
69) o-Xylene	11.957	106	116376	50.930	ug/l	99
70) Styrene	11.969	104	197997	51.617	ug/l	96
71) Bromoform	12.133	173	38122	47.712	ug/l #	100
73) Isopropylbenzene	12.255	105	321248	50.057	ug/l	100
74) N-amyl acetate	12.066	43	54319	59.561	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	44479	54.064	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	62553	106.176	ug/l #	100
77) Bromobenzene	12.530	156	73431	49.706	ug/l	99
78) n-propylbenzene	12.597	91	369144	51.320	ug/l	99
79) 2-Chlorotoluene	12.682	91	209855	51.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	265547	49.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15385	51.617	ug/l	94
82) 4-Chlorotoluene	12.780	91	216570	51.105	ug/l	99
83) tert-Butylbenzene	12.999	119	245612	49.188	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	260214	50.011	ug/l	98
85) sec-Butylbenzene	13.176	105	341125	50.690	ug/l	99
86) p-Isopropyltoluene	13.292	119	295989	49.353	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	143290	49.627	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	141497	49.264	ug/l	97
89) n-Butylbenzene	13.621	91	259027	51.740	ug/l	98
90) Hexachloroethane	13.883	117	55954	49.064	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	122813	49.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7823	49.027	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	76680	48.729	ug/l	99
94) Hexachlorobutadiene	15.029	225	54589	47.599	ug/l	99
95) Naphthalene	15.145	128	121561	48.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	63011	48.093	ug/l	99

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QLast Update : Thu Dec 26 16:12:28 2024
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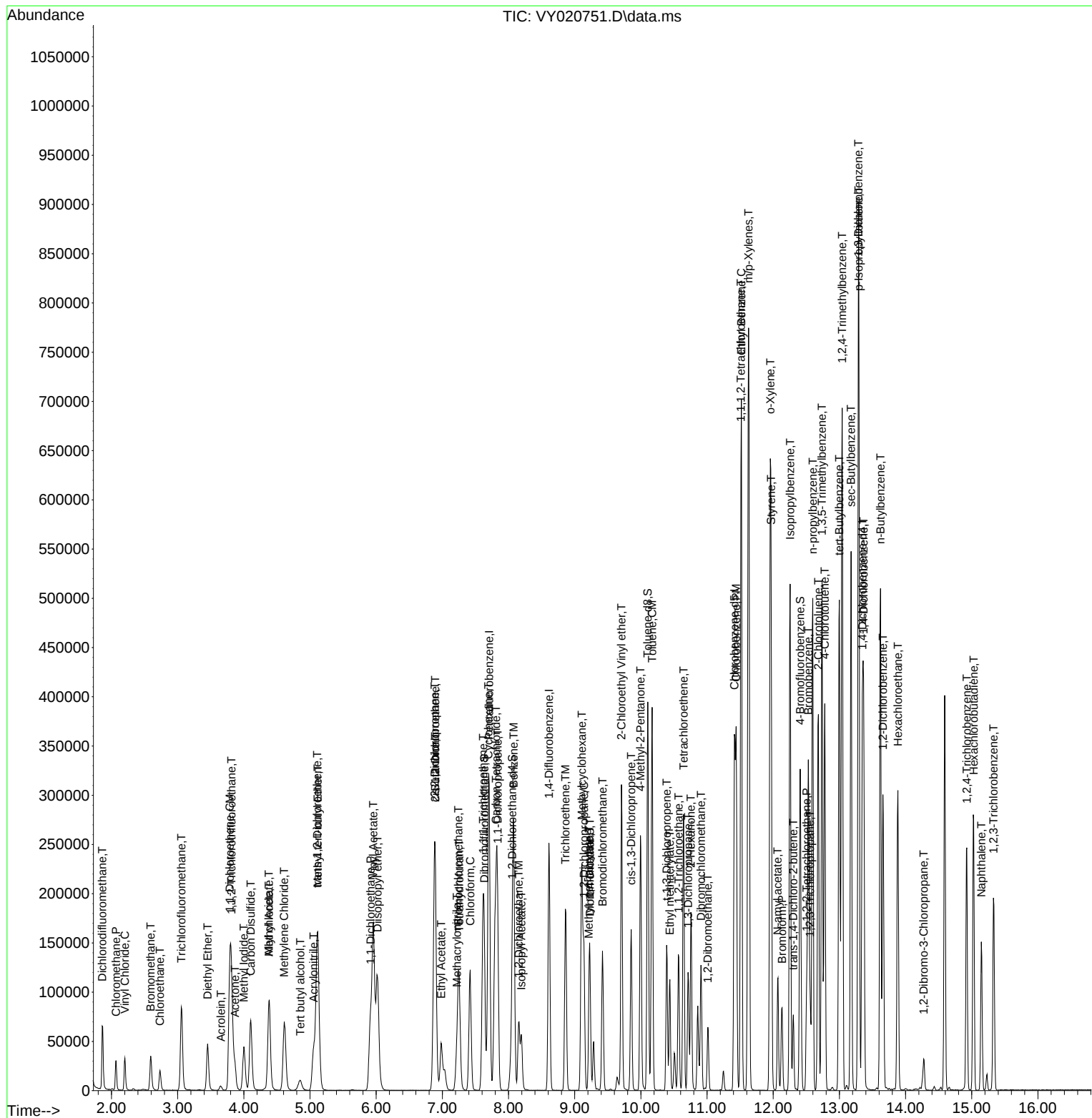
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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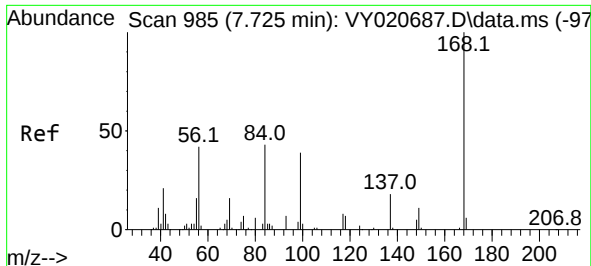
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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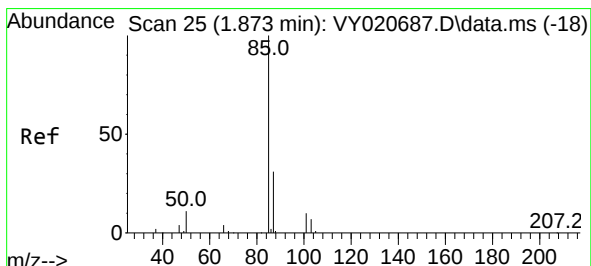
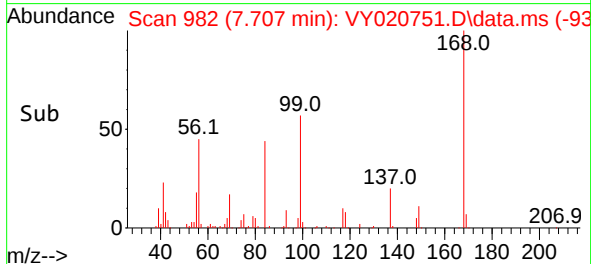
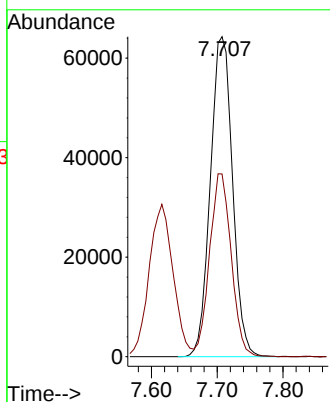
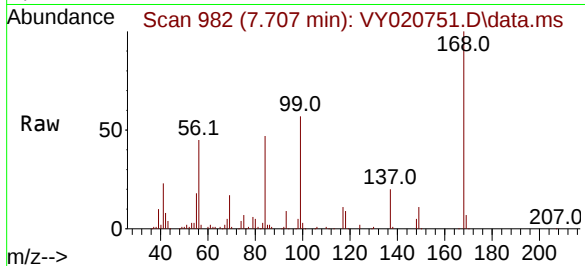




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020751.D
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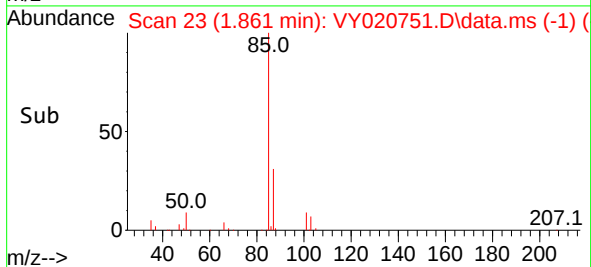
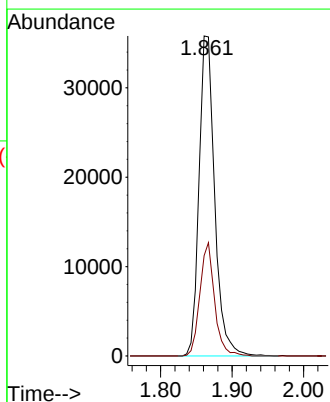
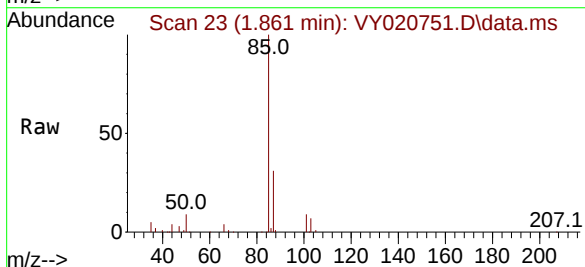
Instrument :
MSVOA_Y
ClientSampleId :

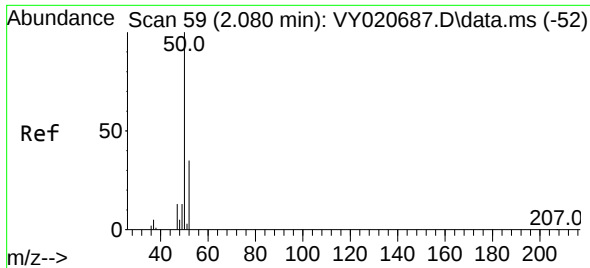
Tgt Ion:168 Resp: 150967
Ion Ratio Lower Upper
168 100
99 57.1 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 45.933 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

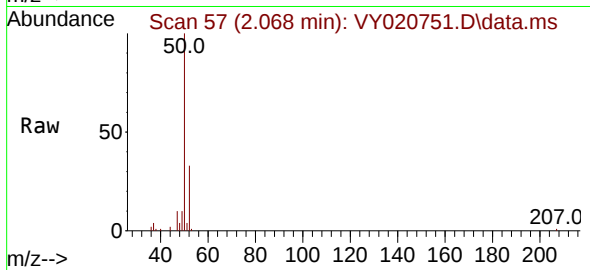
Tgt Ion: 85 Resp: 54581
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.4



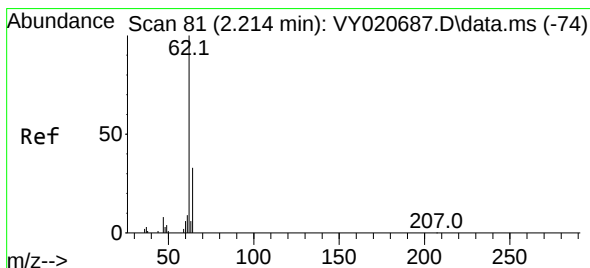
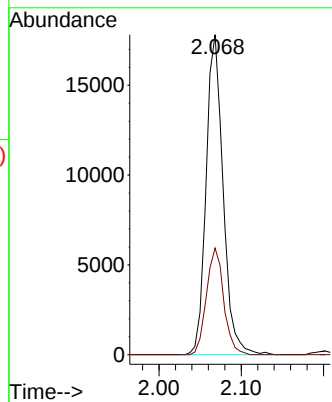
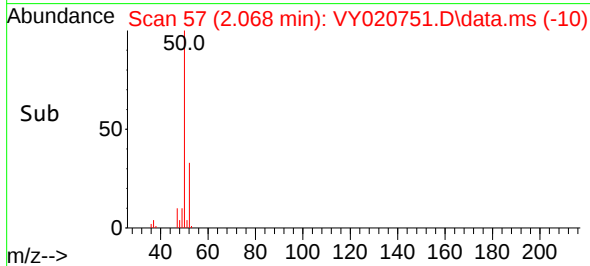


#3
Chloromethane
Concen: 57.701 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

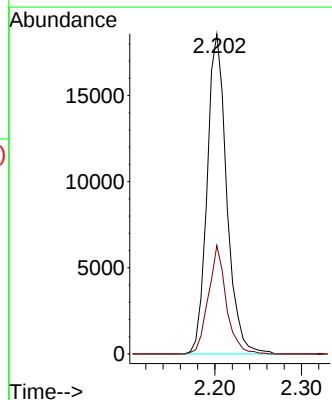
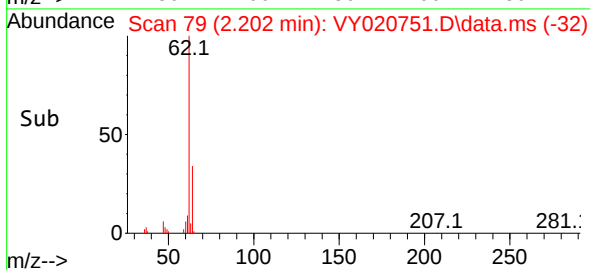
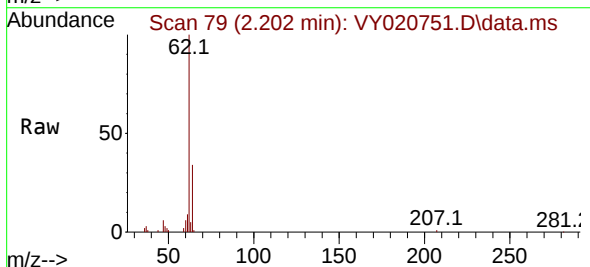


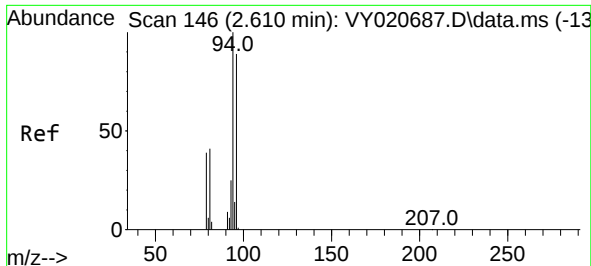
Tgt Ion: 50 Resp: 25571
Ion Ratio Lower Upper
50 100
52 33.3 28.2 42.2



#4
Vinyl Chloride
Concen: 53.114 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

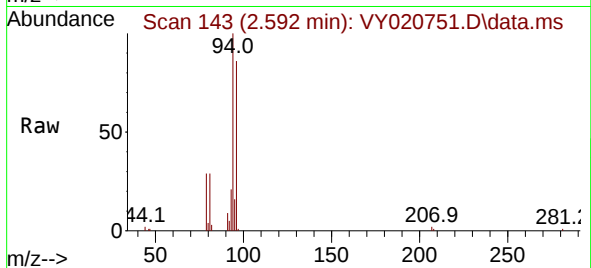
Tgt Ion: 62 Resp: 29164
Ion Ratio Lower Upper
62 100
64 33.9 26.6 40.0



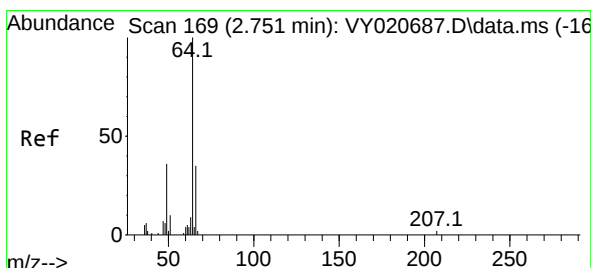
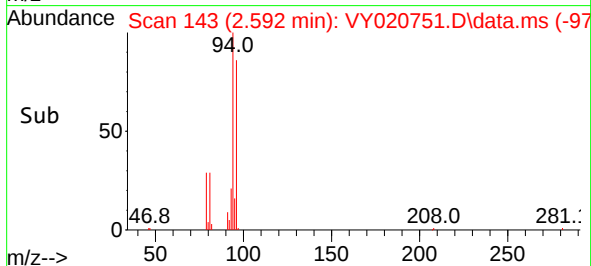
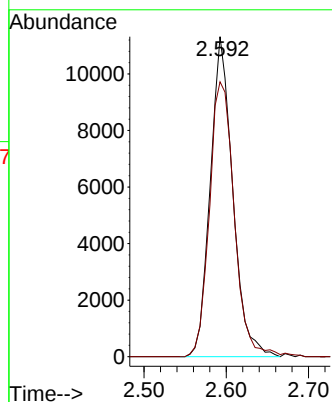


#5
Bromomethane
Concen: 51.811 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020751.D
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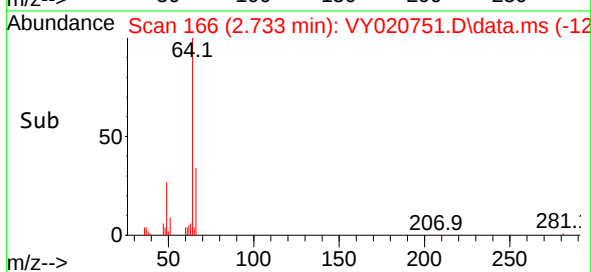
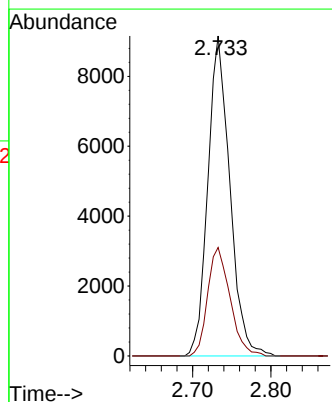
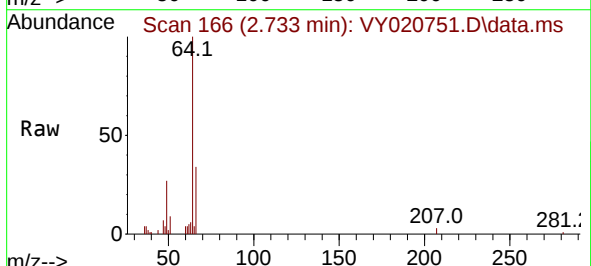


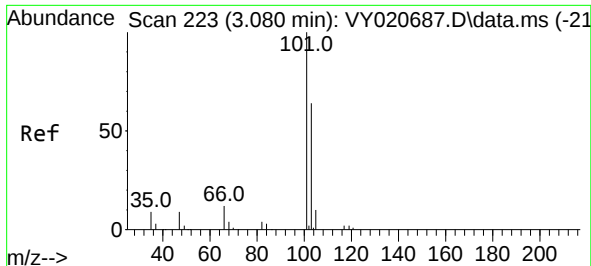
Tgt Ion: 94 Resp: 21479
Ion Ratio Lower Upper
94 100
96 85.9 71.0 106.6



#6
Chloroethane
Concen: 54.140 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.018 min
Lab File: VY020751.D
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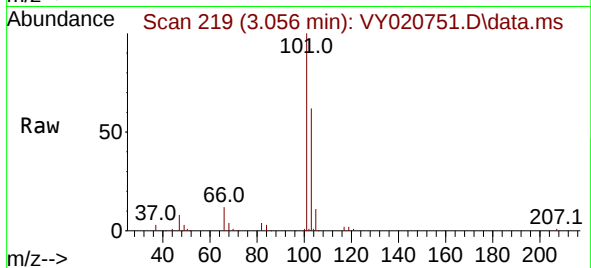
Tgt Ion: 64 Resp: 17833
Ion Ratio Lower Upper
64 100
66 33.9 27.8 41.8



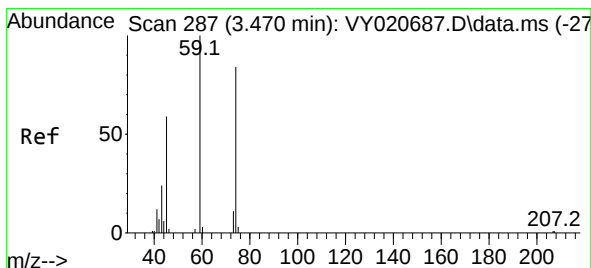
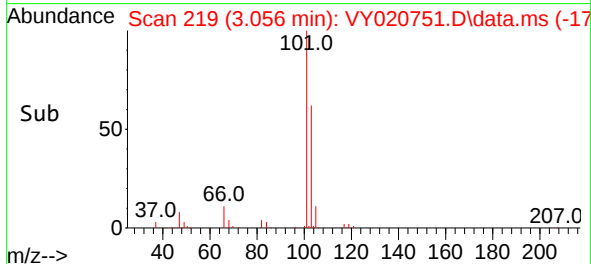
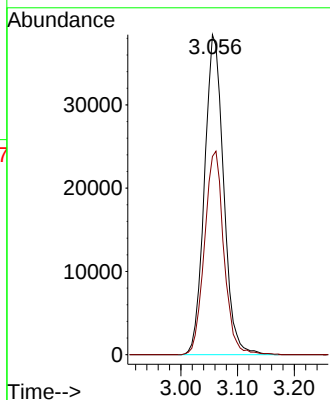


#7
Trichlorofluoromethane
Concen: 42.671 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

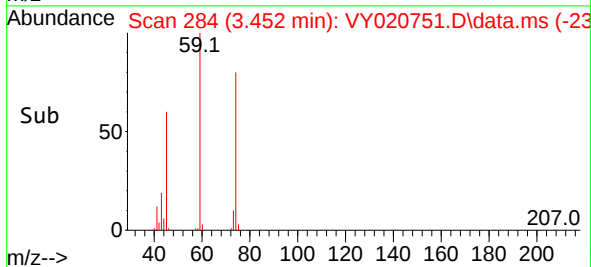
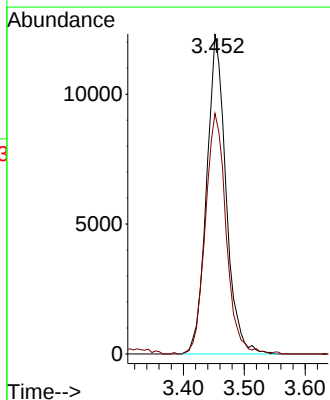
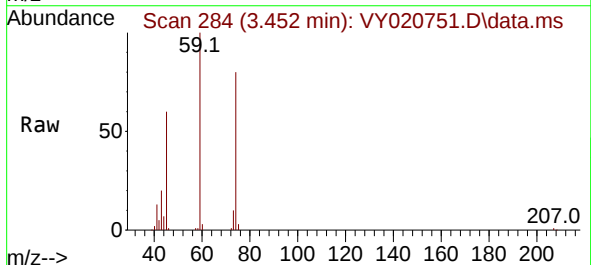


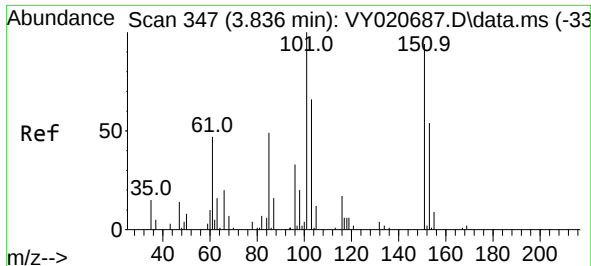
Tgt Ion:101 Resp: 90100
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.0



#8
Diethyl Ether
Concen: 54.071 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.018 min
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Tgt Ion: 74 Resp: 27168
Ion Ratio Lower Upper
74 100
45 80.5 35.8 107.4

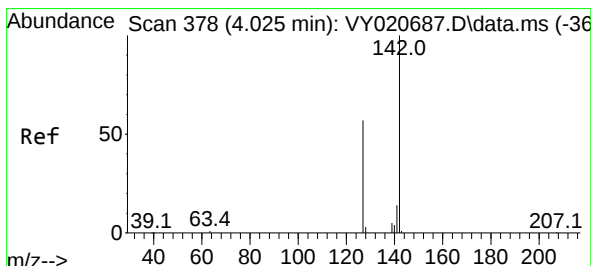
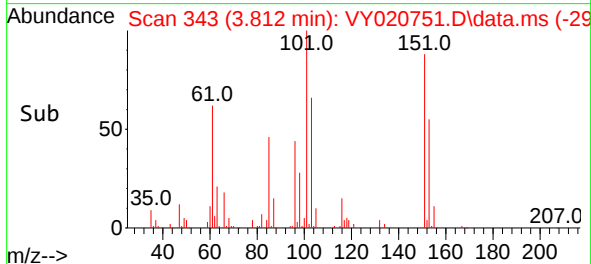
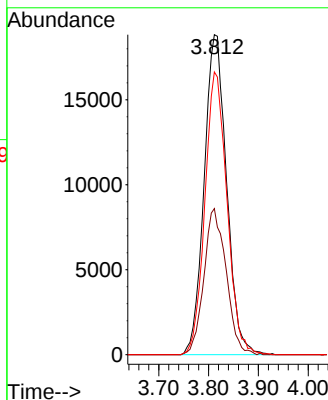
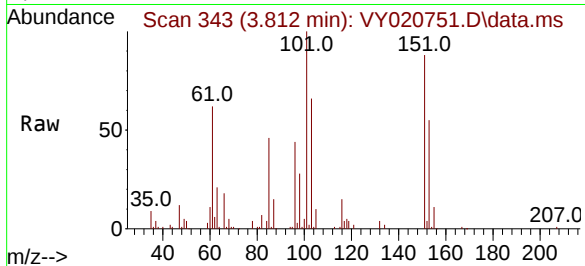




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.819 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

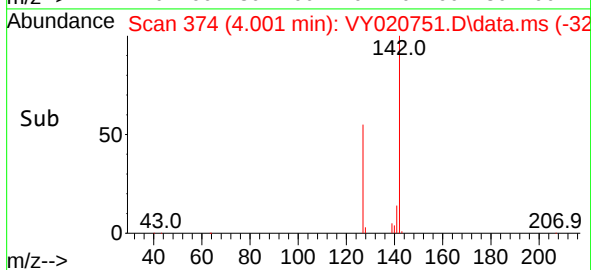
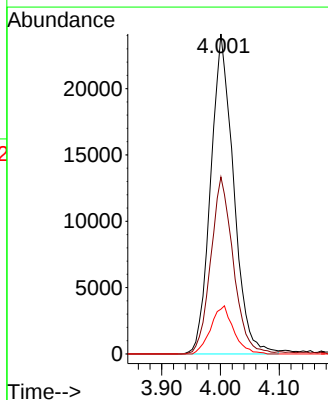
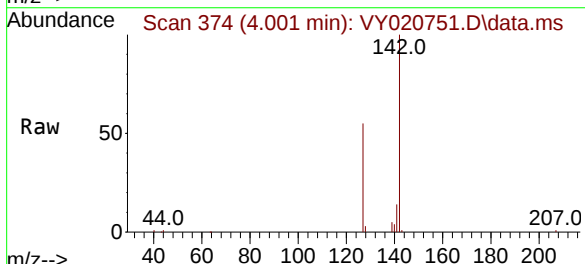
Instrument :
MSVOA_Y
ClientSampleId :

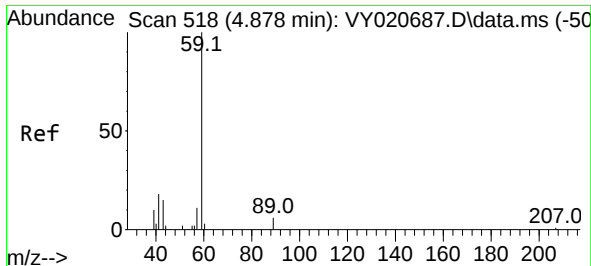
Tgt Ion:101 Resp: 58909
Ion Ratio Lower Upper
101 100
85 45.2 38.2 57.2
151 87.1 68.4 102.6



#10
Methyl Iodide
Concen: 51.416 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

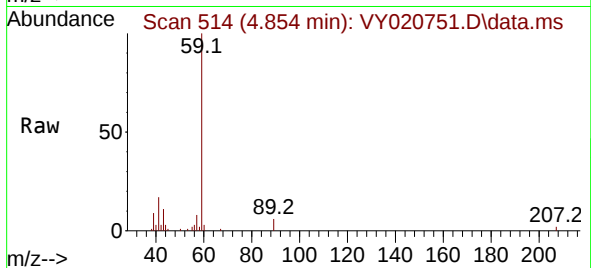
Tgt Ion:142 Resp: 65175
Ion Ratio Lower Upper
142 100
127 54.5 48.8 73.2
141 15.0 11.9 17.9



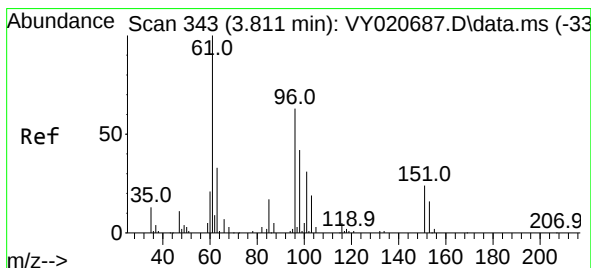
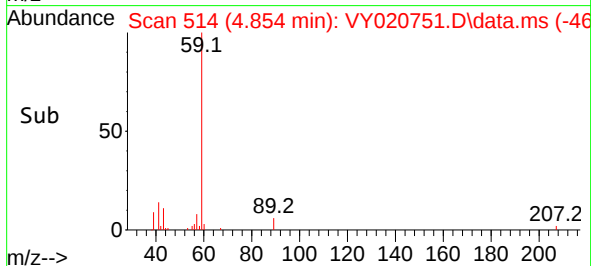
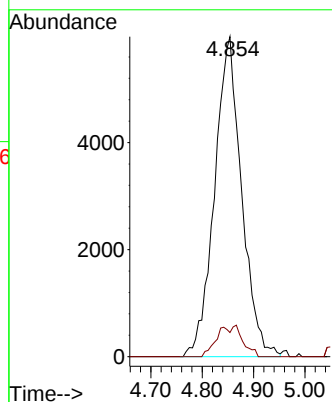


#11
Tert butyl alcohol
Concen: 286.075 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

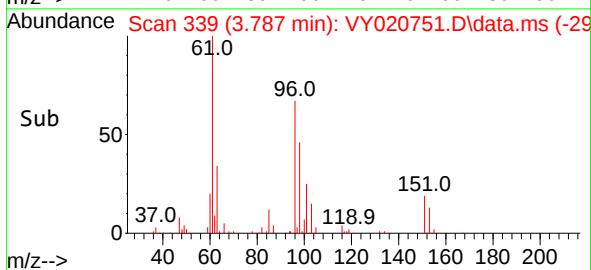
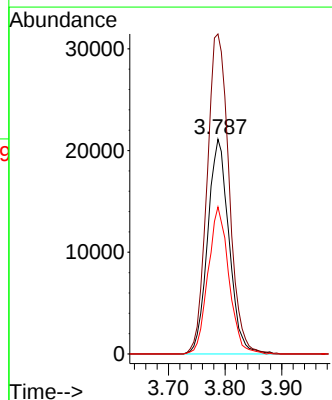
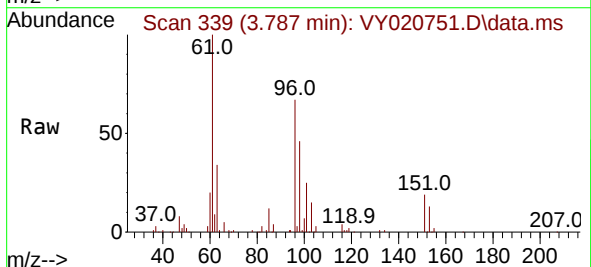


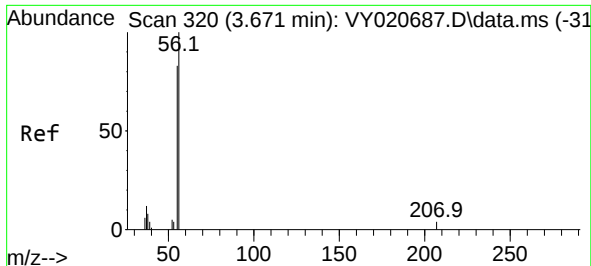
Tgt Ion: 59 Resp: 21872
Ion Ratio Lower Upper
59 100
57 5.1 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 53.376 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 96 Resp: 55072
Ion Ratio Lower Upper
96 100
61 149.0 127.1 190.7
98 68.5 53.4 80.0





#13

Acrolein

Concen: 203.641 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

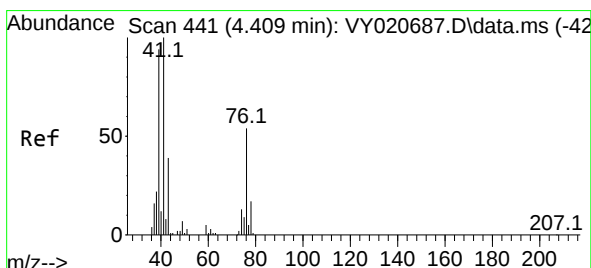
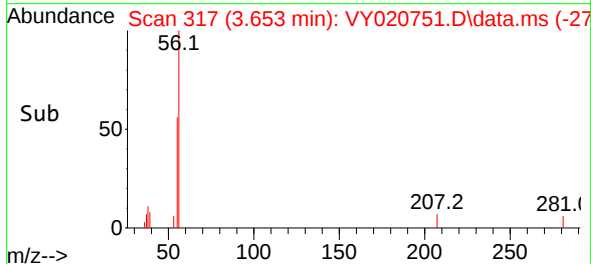
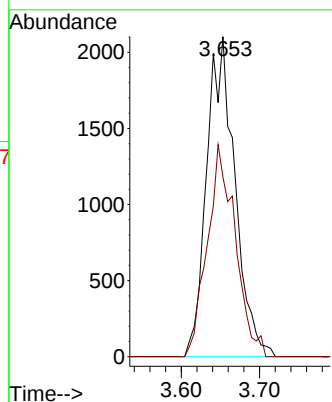
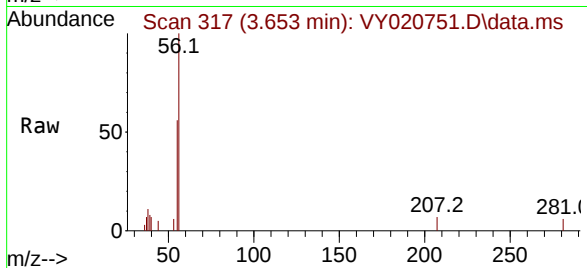
ClientSampleId :

Tgt Ion: 56 Resp: 5264

Ion Ratio Lower Upper

56 100

55 65.7 57.0 85.4



#14

Allyl chloride

Concen: 60.286 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.030 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

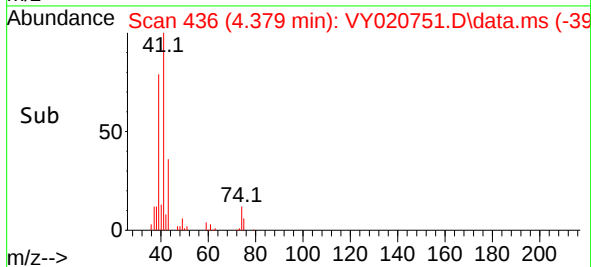
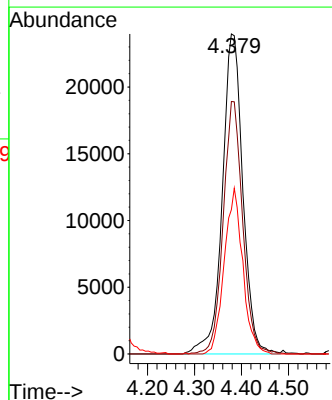
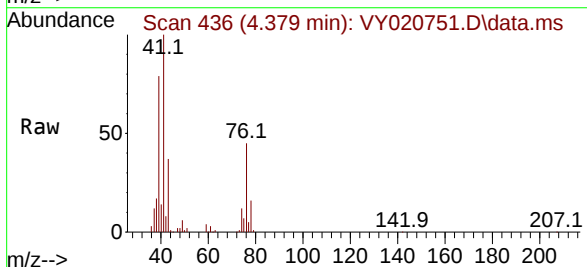
Tgt Ion: 41 Resp: 72790

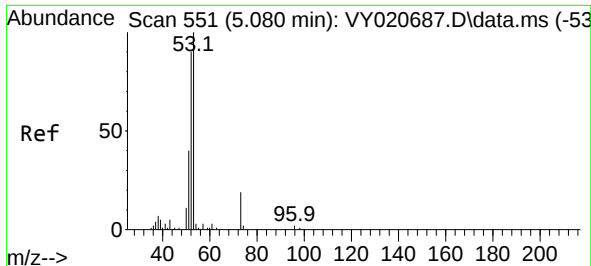
Ion Ratio Lower Upper

41 100

39 75.0 73.5 110.3

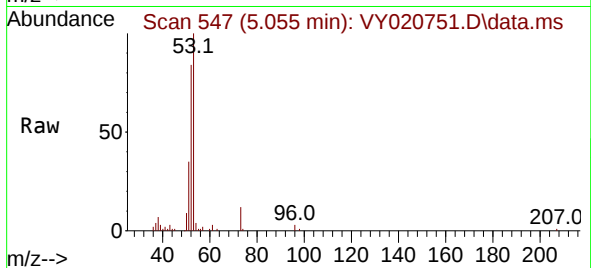
76 46.7 41.8 62.8



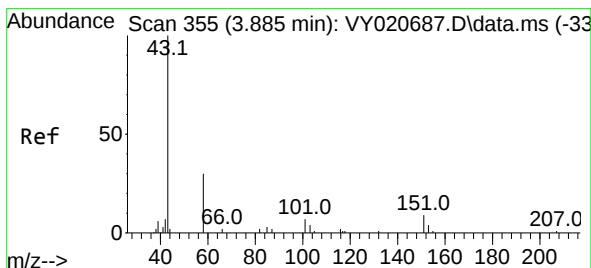
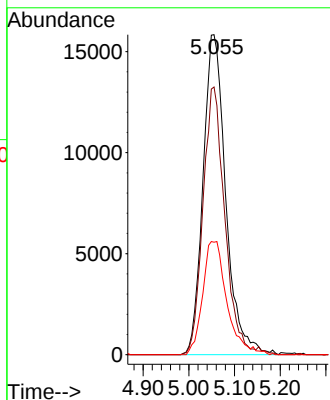
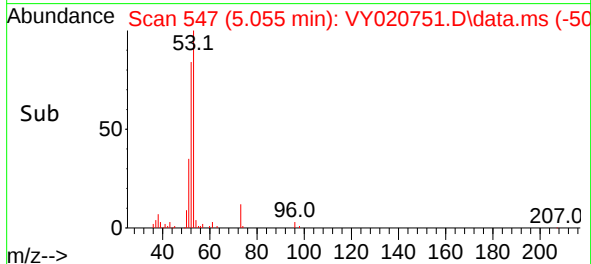


#15
Acrylonitrile
Concen: 282.160 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.025 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

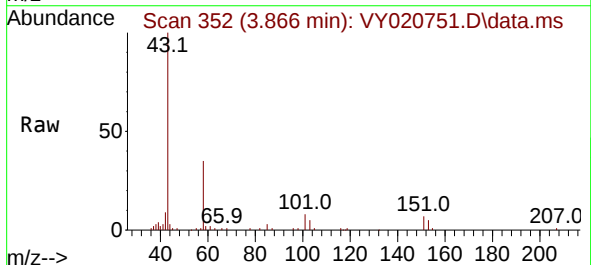
Instrument :
MSVOA_Y
ClientSampleId :



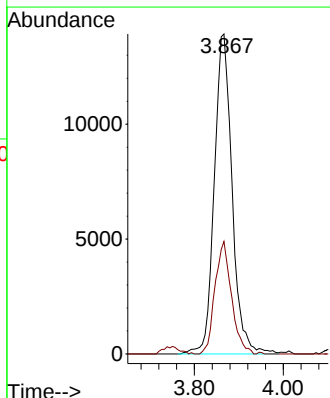
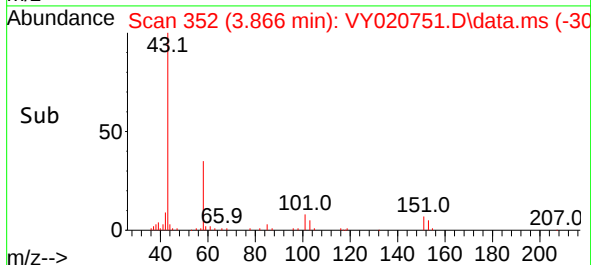
Tgt Ion: 53 Resp: 54768
Ion Ratio Lower Upper
53 100
52 79.9 67.1 100.7
51 37.7 31.4 47.0

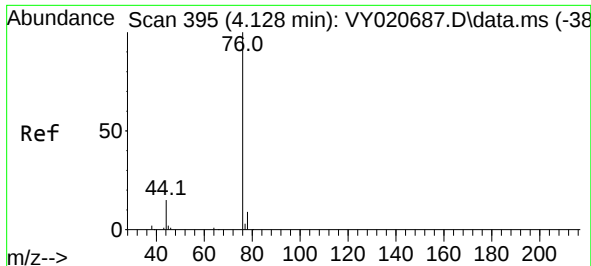


#16
Acetone
Concen: 246.976 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59



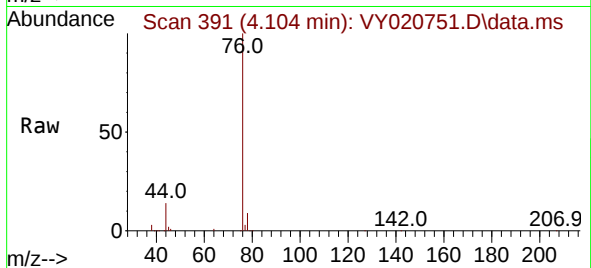
Tgt Ion: 43 Resp: 38743
Ion Ratio Lower Upper
43 100
58 35.2 25.0 37.6



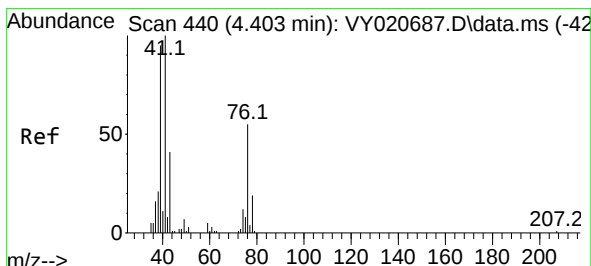
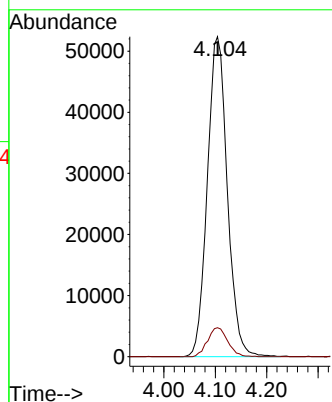
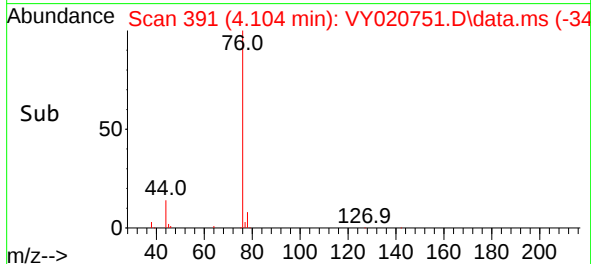


#17
Carbon Disulfide
Concen: 55.849 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

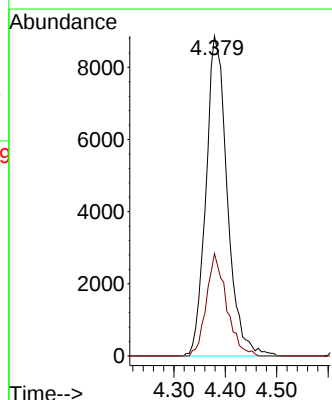
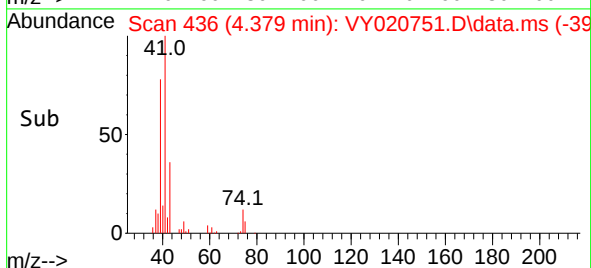
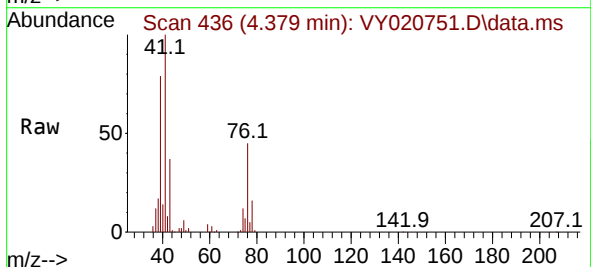


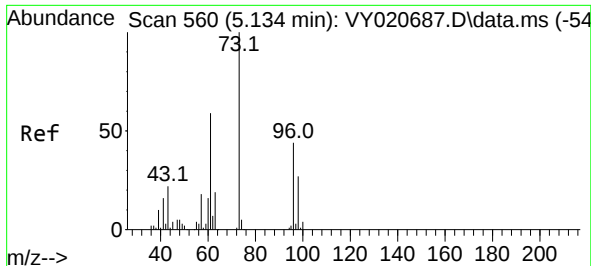
Tgt Ion: 76 Resp: 141355
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 60.158 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

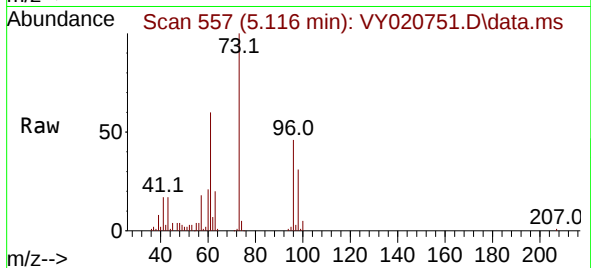
Tgt Ion: 43 Resp: 25541
Ion Ratio Lower Upper
43 100
74 30.3 25.3 37.9



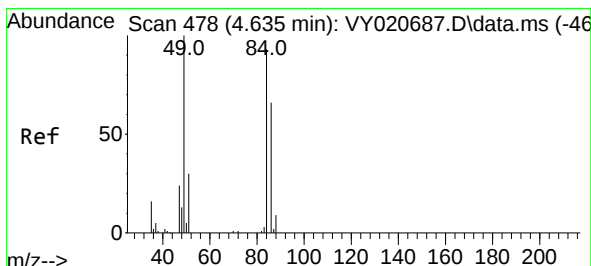
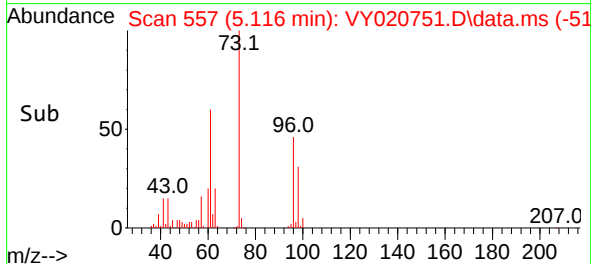
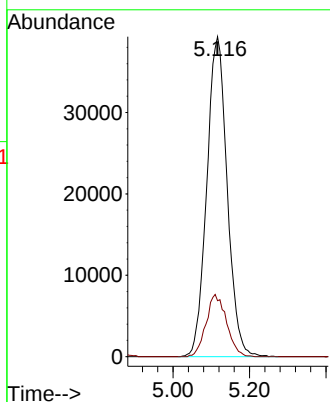


#19
Methyl tert-butyl Ether
Concen: 50.604 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

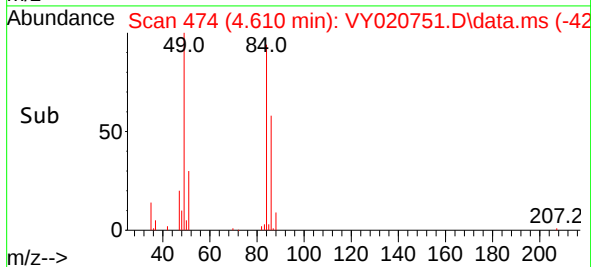
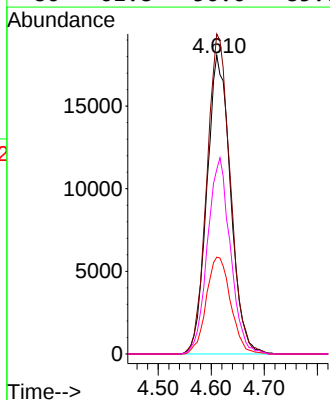
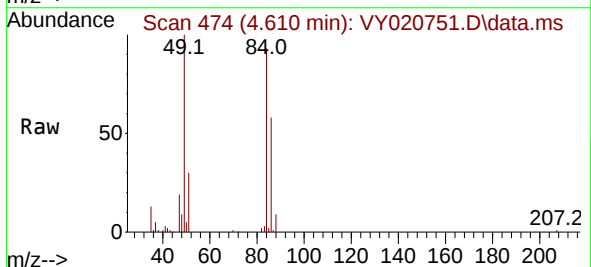


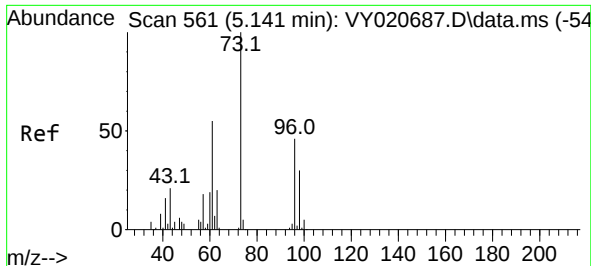
Tgt Ion: 73 Resp: 145527
Ion Ratio Lower Upper
73 100
57 17.5 14.4 21.6



#20
Methylene Chloride
Concen: 54.875 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.025 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

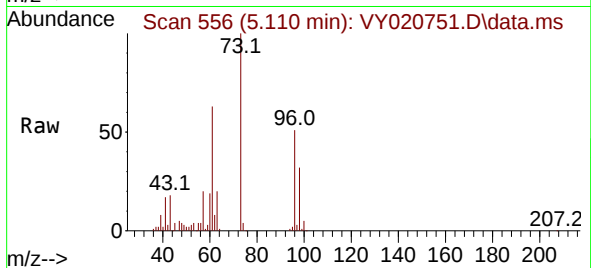
Tgt Ion: 84 Resp: 55987
Ion Ratio Lower Upper
84 100
49 107.1 86.4 129.6
51 32.4 25.5 38.3
86 61.8 56.6 85.0



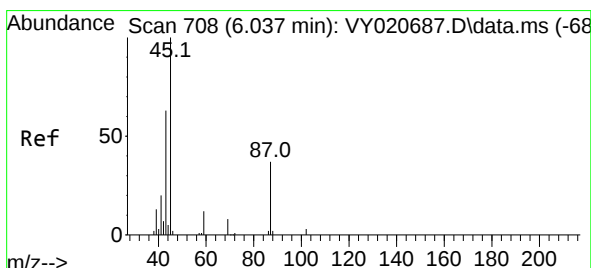
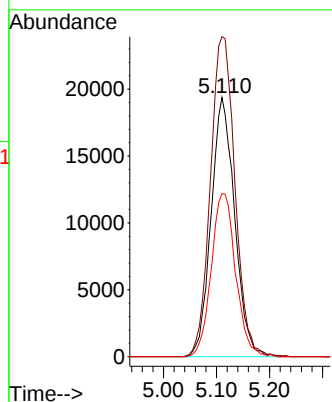
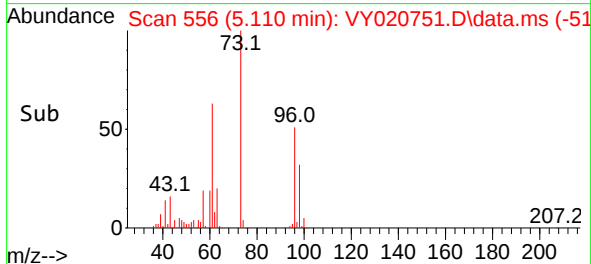


#21
trans-1,2-Dichloroethene
Concen: 53.747 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

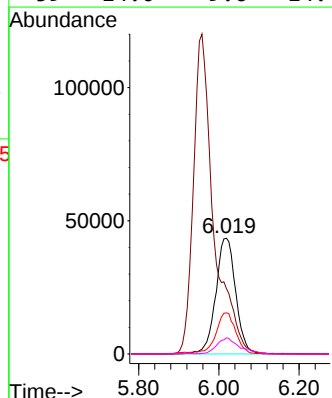
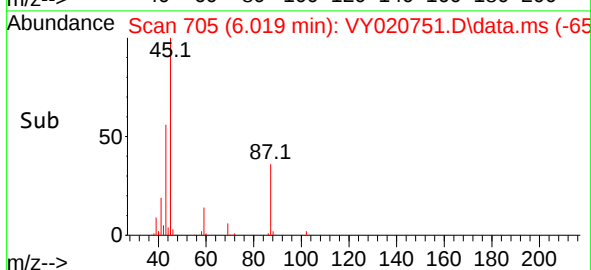
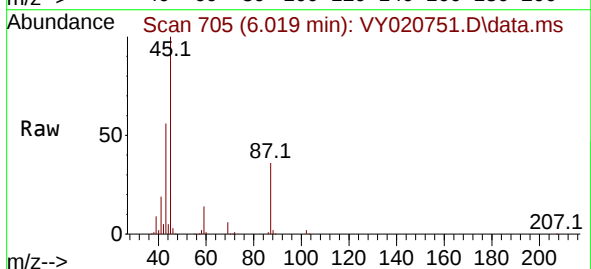


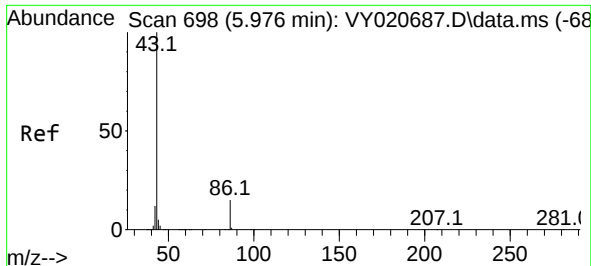
Tgt Ion: 96 Resp: 59758
Ion Ratio Lower Upper
96 100
61 123.5 96.1 144.1
98 62.9 52.7 79.1



#22
Diisopropyl ether
Concen: 60.990 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 45 Resp: 149699
Ion Ratio Lower Upper
45 100
43 56.1 51.3 76.9
87 35.5 30.6 46.0
59 14.0 9.6 14.4

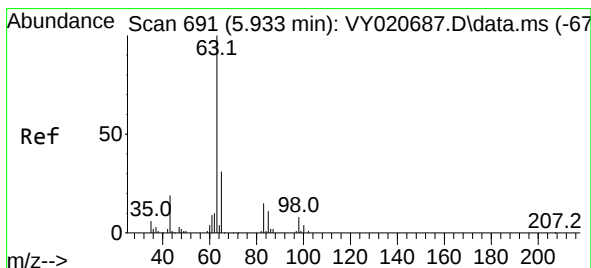
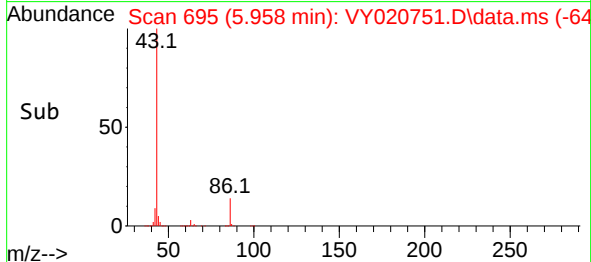
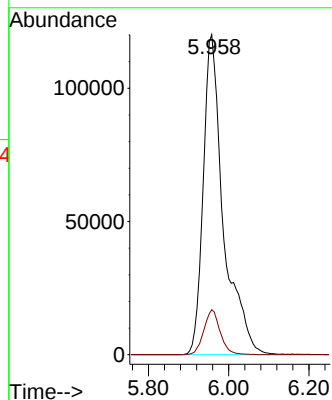
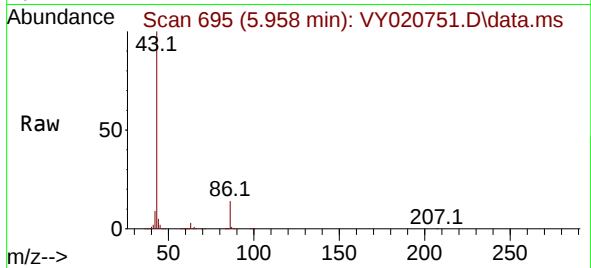




#23
 Vinyl Acetate
 Concen: 286.681 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

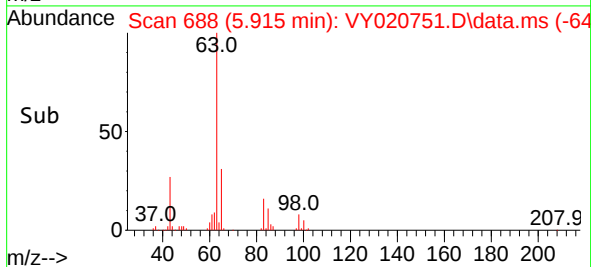
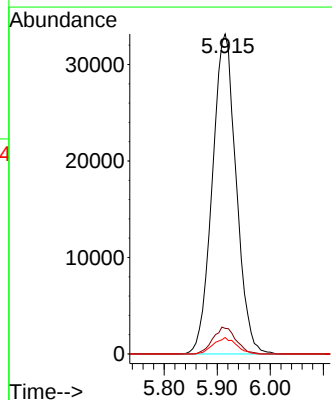
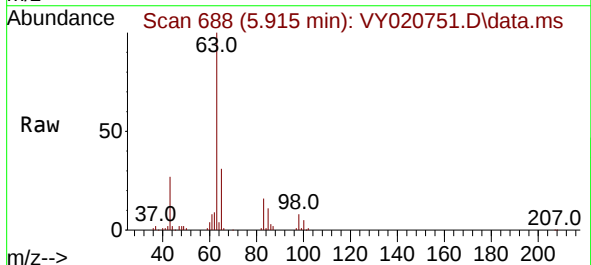
Instrument :
 MSVOA_Y
 ClientSampleId :

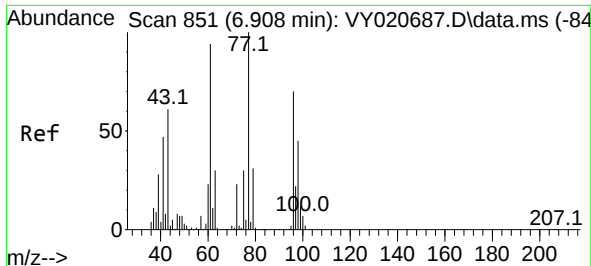
Tgt Ion: 43 Resp: 420289
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 56.319 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

Tgt Ion: 63 Resp: 103640
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 5.2 2.1 6.2

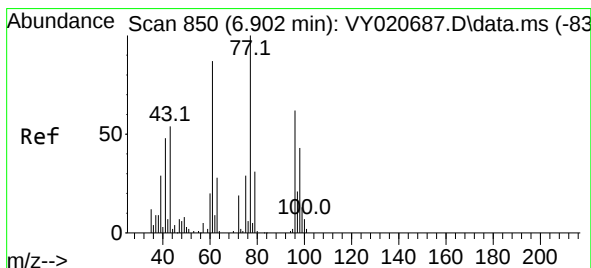
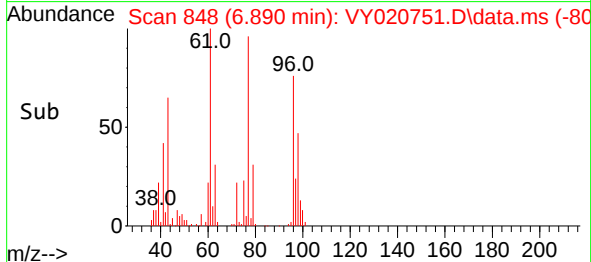
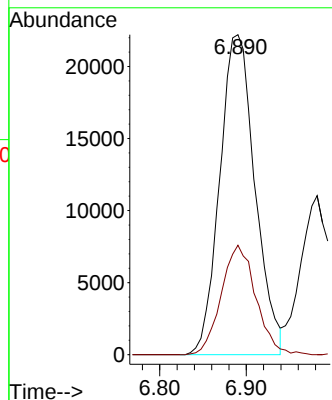
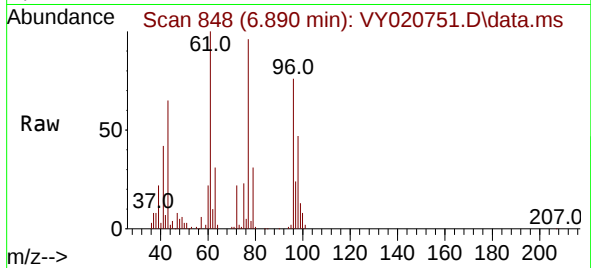




#25
2-Butanone
Concen: 296.812 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

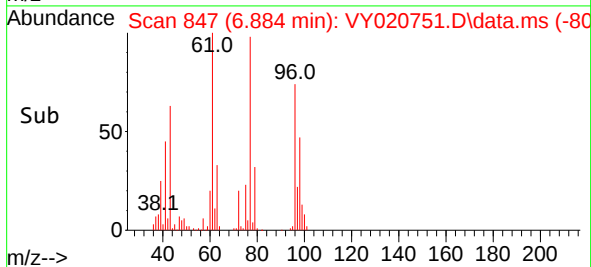
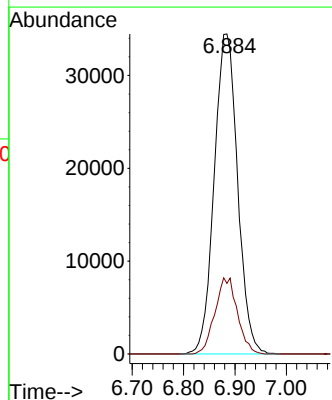
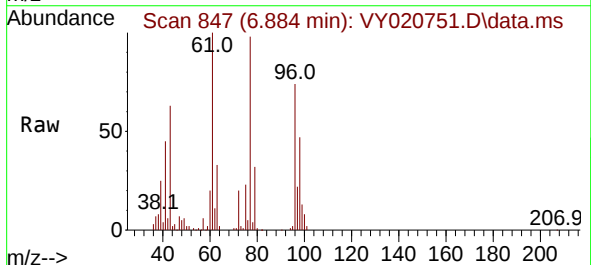
Instrument :
MSVOA_Y
ClientSampleId :

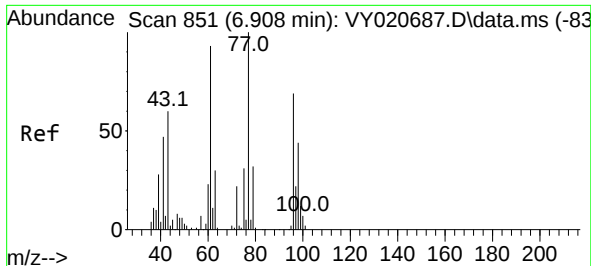
Tgt Ion: 43 Resp: 62896
Ion Ratio Lower Upper
43 100
72 34.2 29.5 44.3



#26
2,2-Dichloropropane
Concen: 48.372 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 77 Resp: 108952
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 53.802 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.018 min

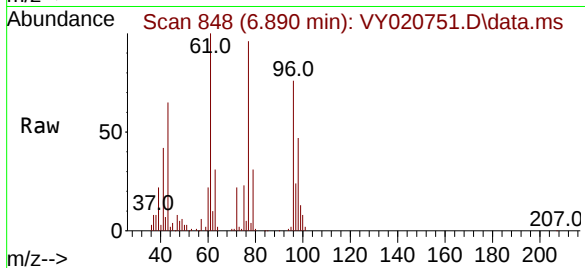
Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :



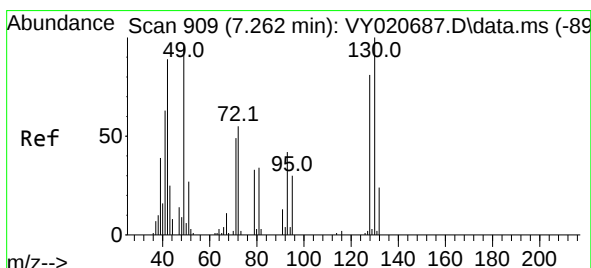
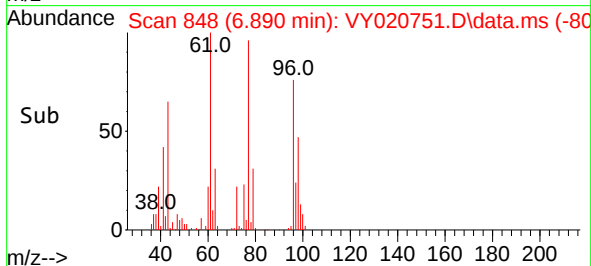
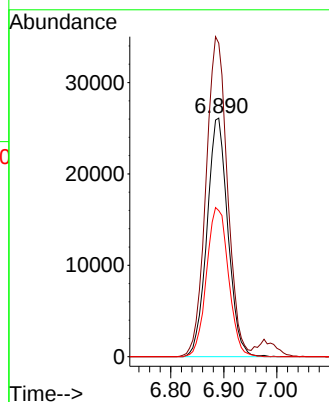
Tgt Ion: 96 Resp: 71637

Ion Ratio Lower Upper

96 100

61 137.7 0.0 277.2

98 65.5 0.0 131.0



#28

Bromochloromethane

Concen: 79.298 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

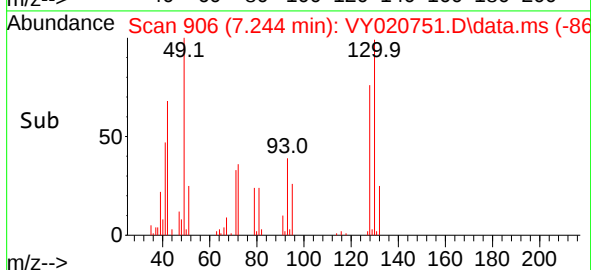
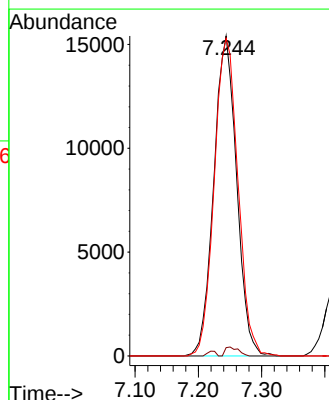
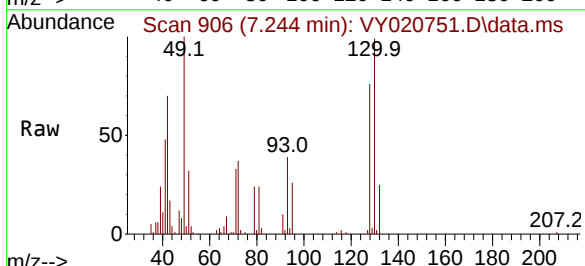
Tgt Ion: 49 Resp: 38590

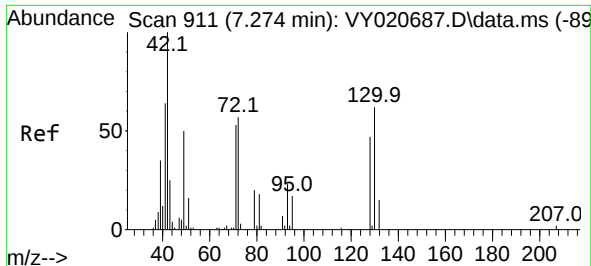
Ion Ratio Lower Upper

49 100

129 1.6 0.0 5.4

130 102.9 87.2 130.8





#29

Tetrahydrofuran

Concen: 313.082 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

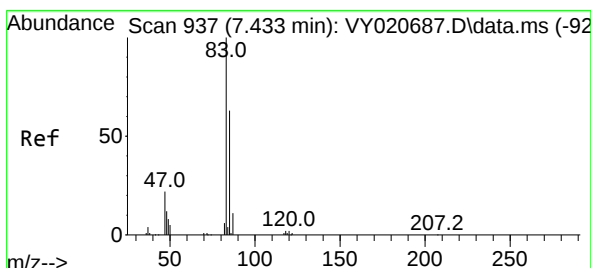
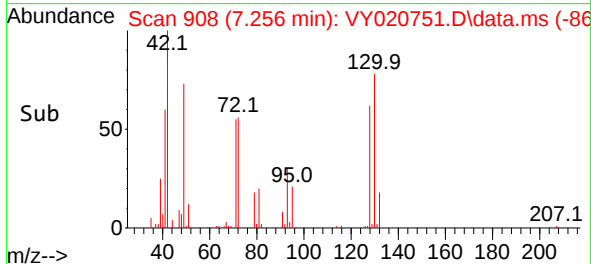
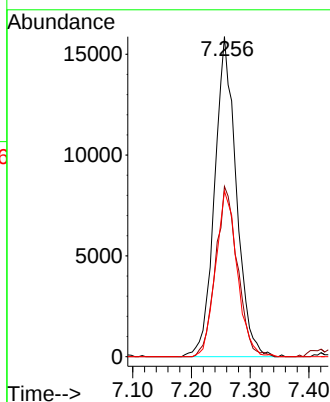
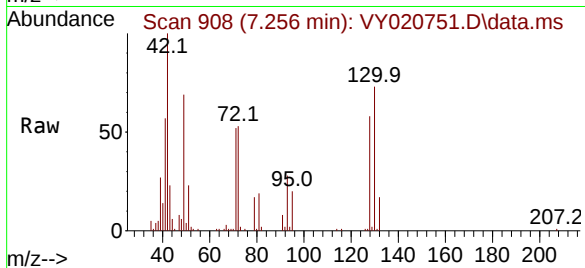
Tgt Ion: 42 Resp: 40723

Ion Ratio Lower Upper

42 100

72 53.7 47.4 71.0

71 51.7 42.8 64.2



#30

Chloroform

Concen: 50.054 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020751.D

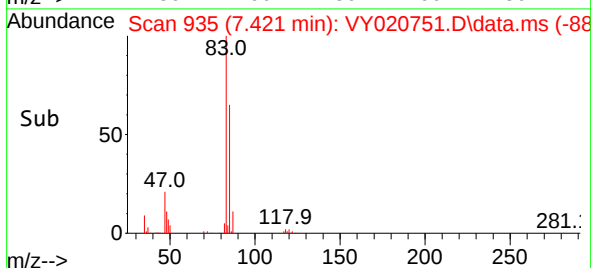
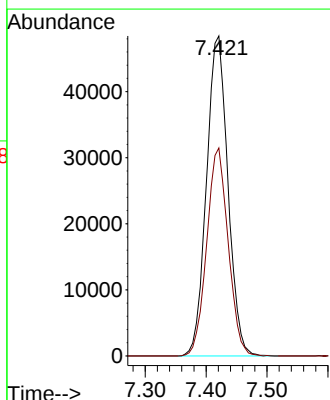
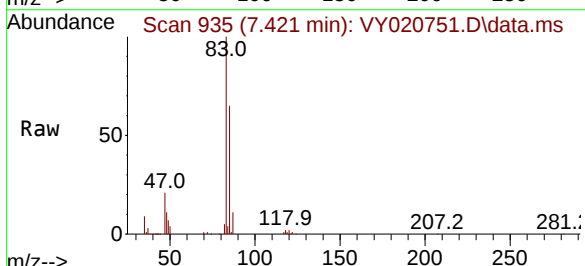
Acq: 30 Dec 2024 12:59

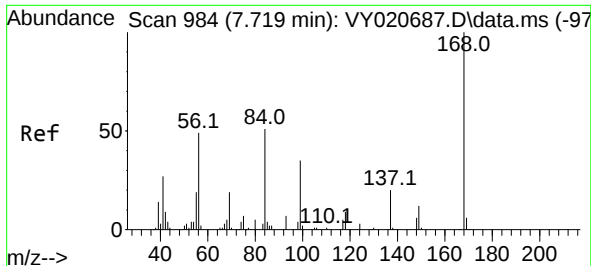
Tgt Ion: 83 Resp: 118491

Ion Ratio Lower Upper

83 100

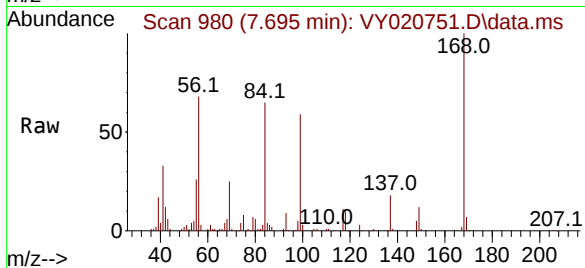
85 65.0 50.2 75.2



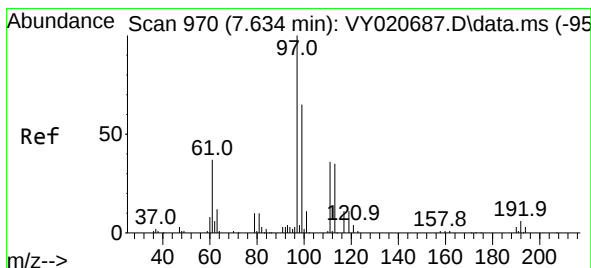
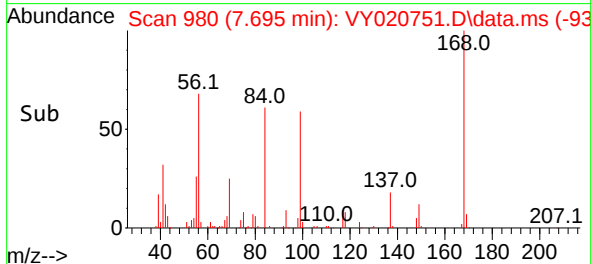
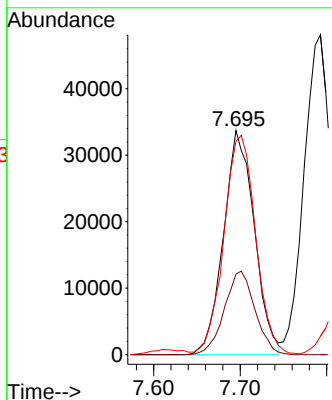


#31
Cyclohexane
Concen: 52.450 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

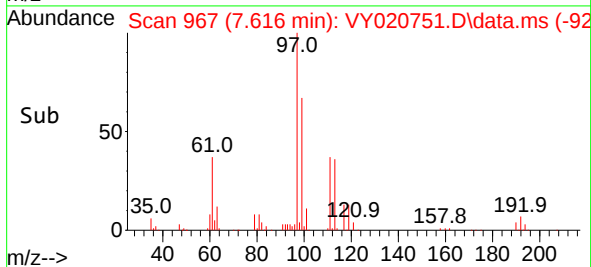
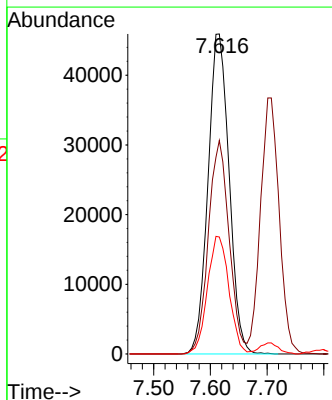
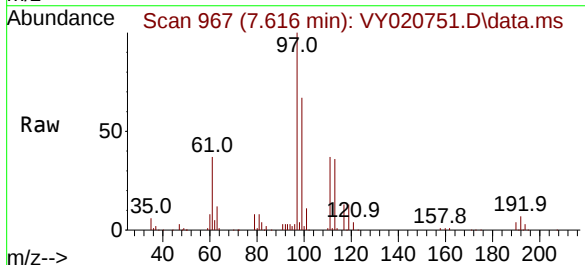


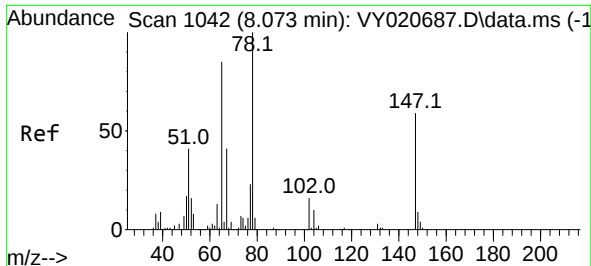
Tgt Ion: 56 Resp: 83314
Ion Ratio Lower Upper
56 100
69 36.0 31.3 46.9
84 93.4 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 46.835 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 97 Resp: 118844
Ion Ratio Lower Upper
97 100
99 65.8 51.0 76.6
61 37.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 54.080 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

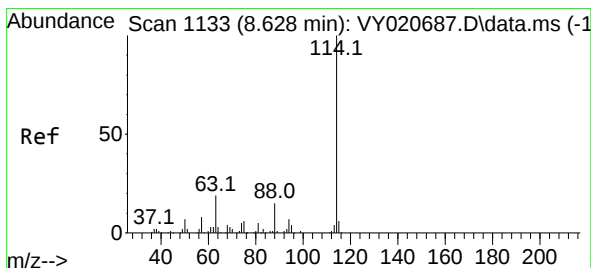
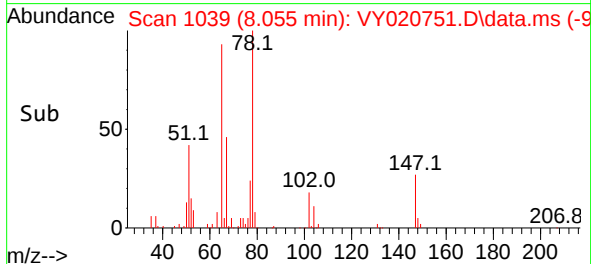
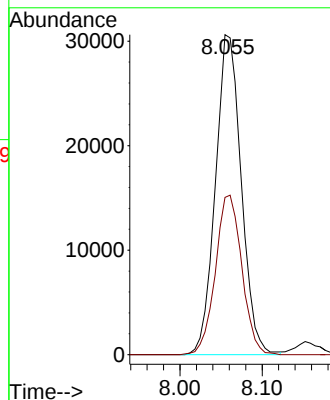
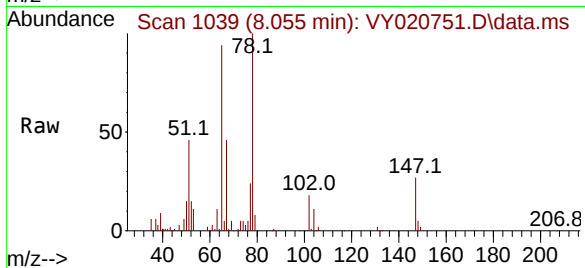
ClientSampleId :

Tgt Ion: 65 Resp: 66873

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

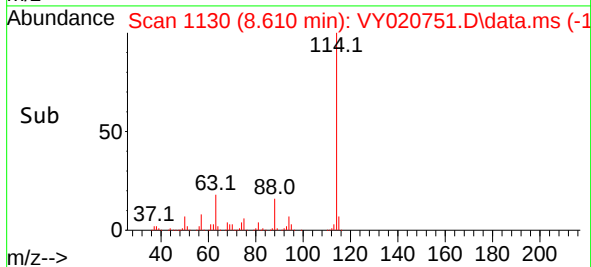
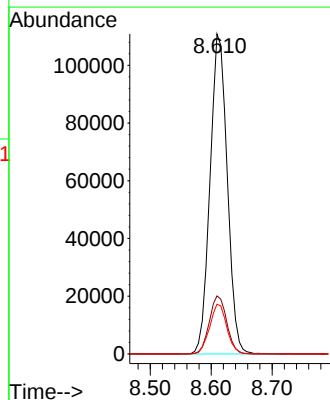
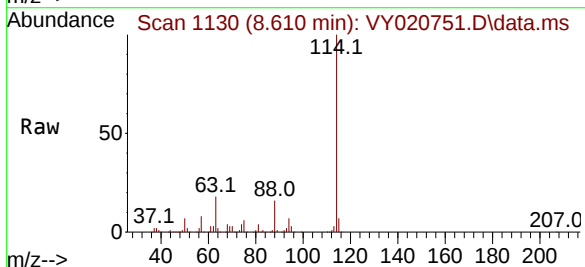
Tgt Ion: 114 Resp: 217748

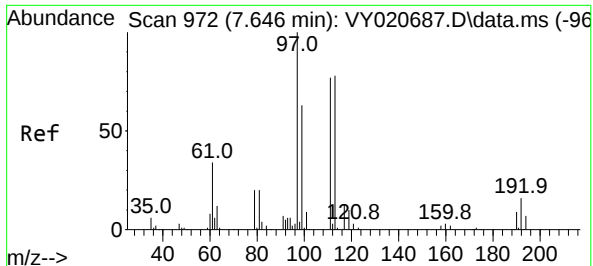
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

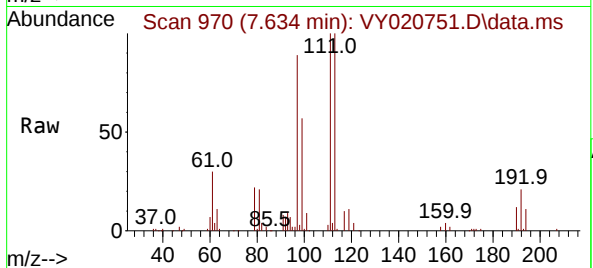
88 15.6 0.0 30.4



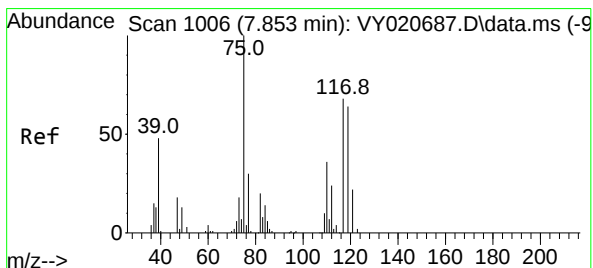
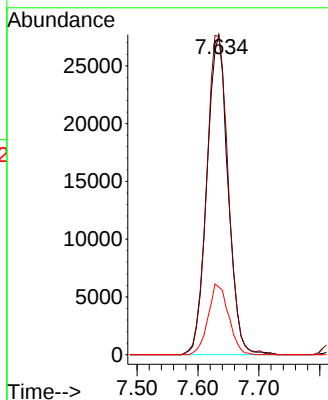
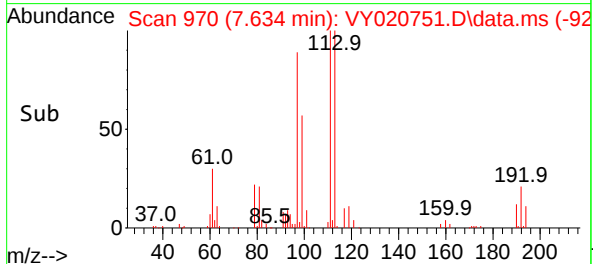


#35
Dibromofluoromethane
Concen: 55.375 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

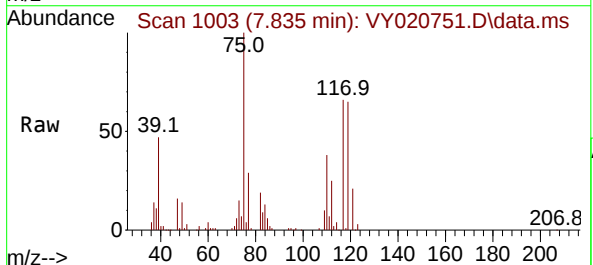
Instrument :
MSVOA_Y
ClientSampleId :



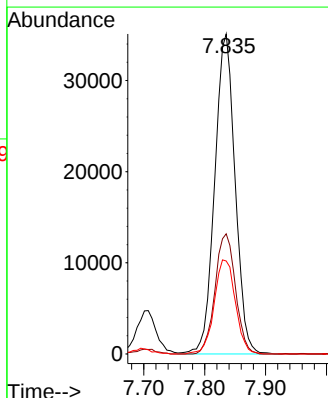
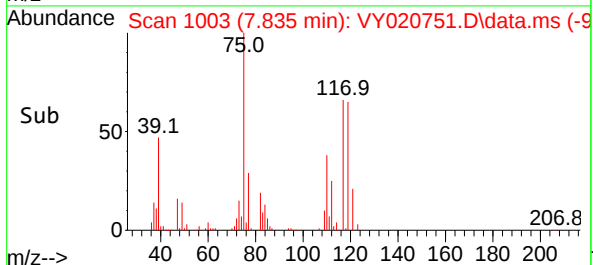
Tgt Ion:113 Resp: 66416
Ion Ratio Lower Upper
113 100
111 102.5 79.8 119.8
192 21.5 17.0 25.6

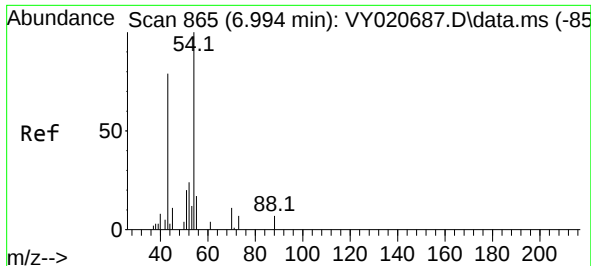


#36
1,1-Dichloropropene
Concen: 51.546 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59



Tgt Ion: 75 Resp: 81666
Ion Ratio Lower Upper
75 100
110 37.6 19.6 58.7
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 57.040 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

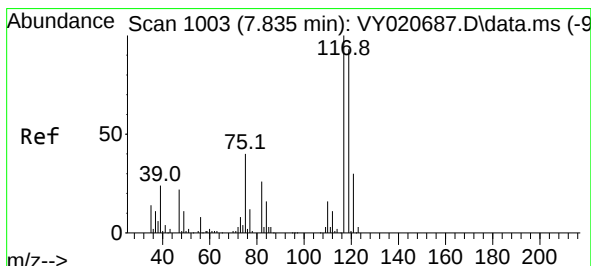
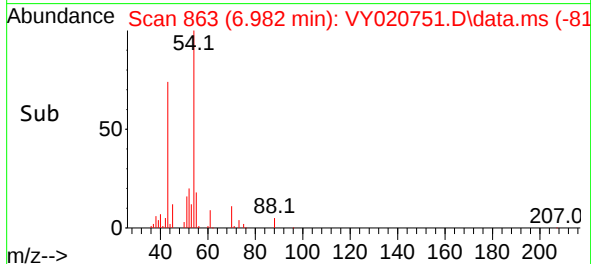
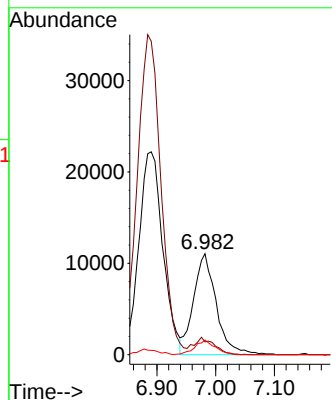
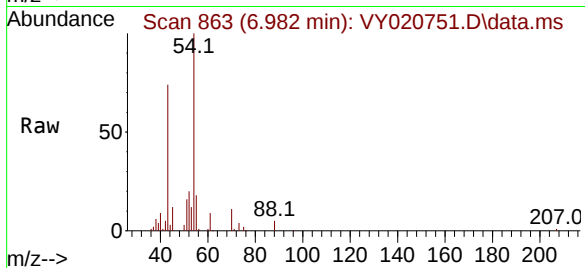
Tgt Ion: 43 Resp: 29779

Ion Ratio Lower Upper

43 100

61 15.2 11.7 17.5

70 12.8 11.0 16.4



#38

Carbon Tetrachloride

Concen: 44.129 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.024 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

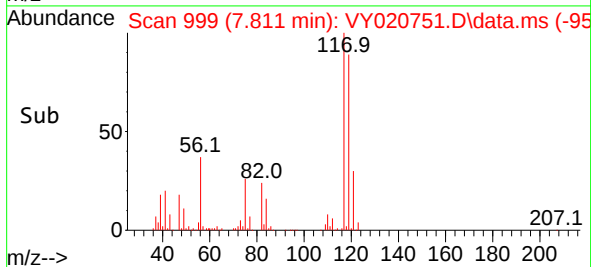
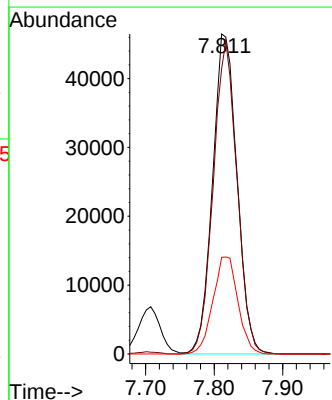
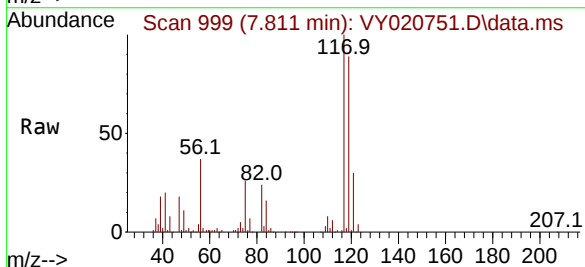
Tgt Ion: 117 Resp: 115127

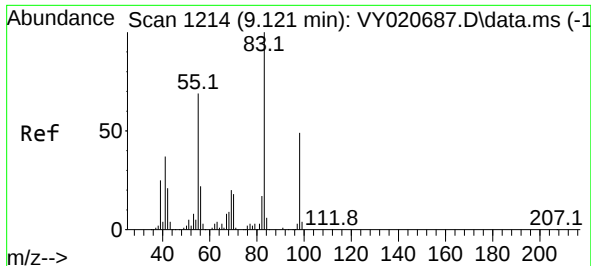
Ion Ratio Lower Upper

117 100

119 89.2 74.4 111.6

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 50.751 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

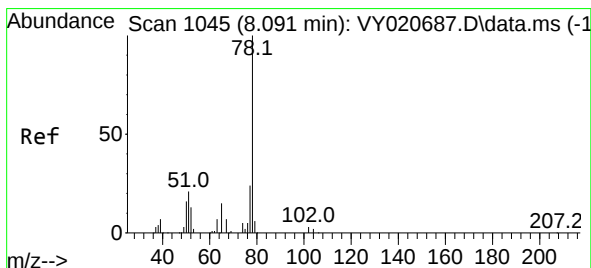
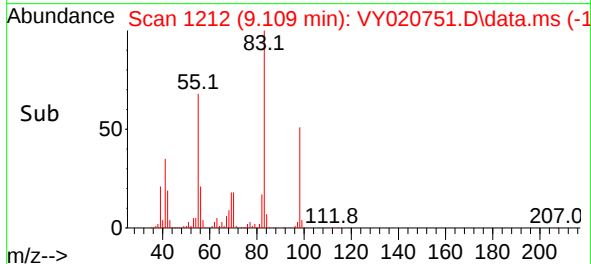
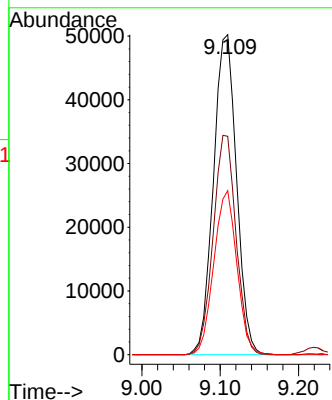
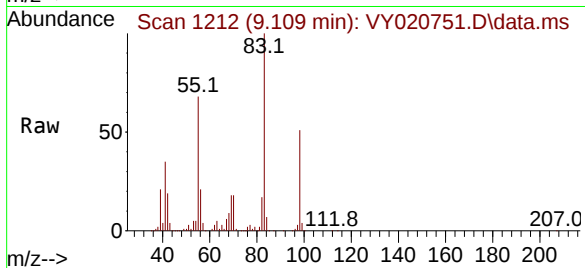
Tgt Ion: 83 Resp: 103059

Ion	Ratio	Lower	Upper
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83	100		
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55	68.3	55.0	82.4
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98	51.3	39.0	58.6
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#40

Benzene

Concen: 52.791 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020751.D

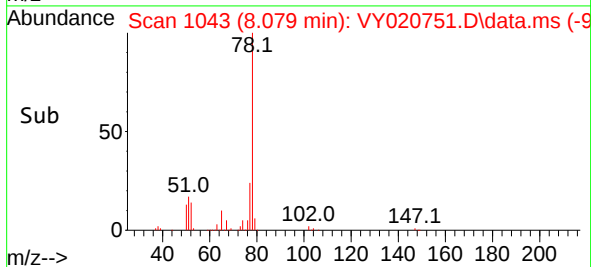
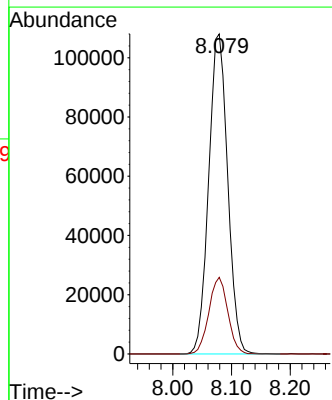
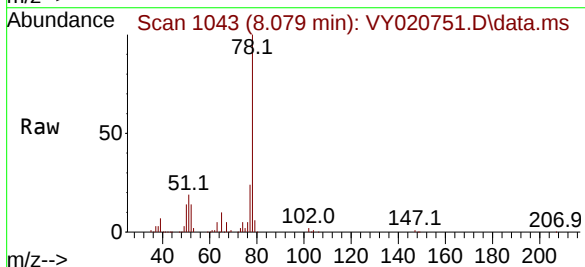
Acq: 30 Dec 2024 12:59

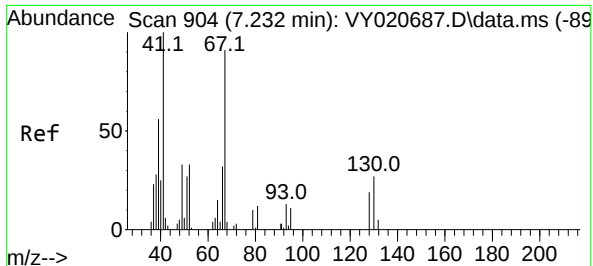
Tgt Ion: 78 Resp: 242396

Ion	Ratio	Lower	Upper
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78	100		
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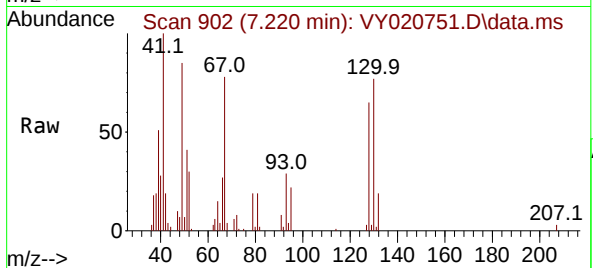
77	23.9	19.2	28.8
----	------	------	------



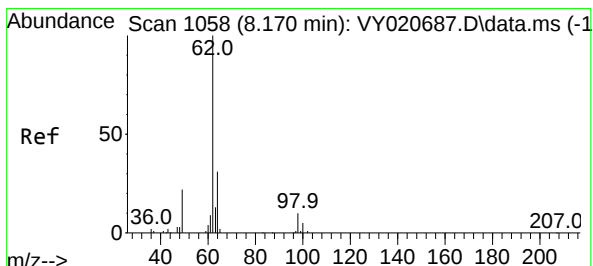
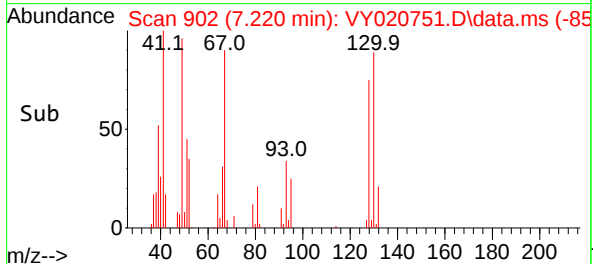
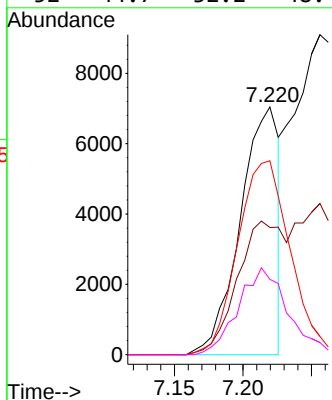


#41
Methacrylonitrile
Concen: 52.560 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

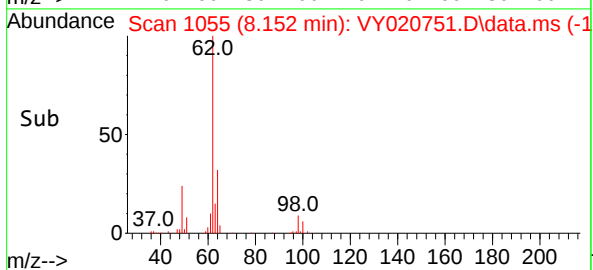
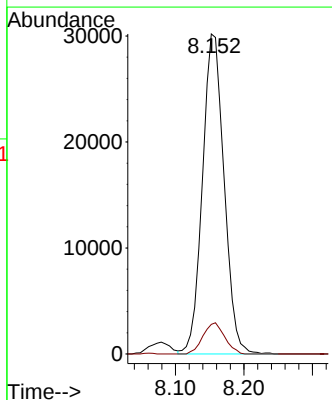
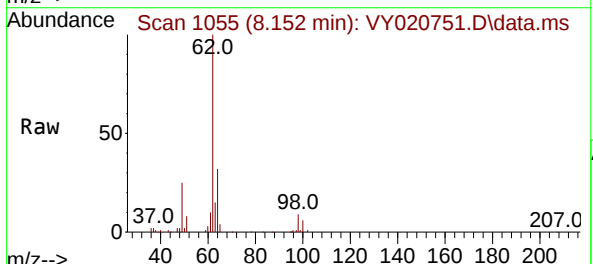


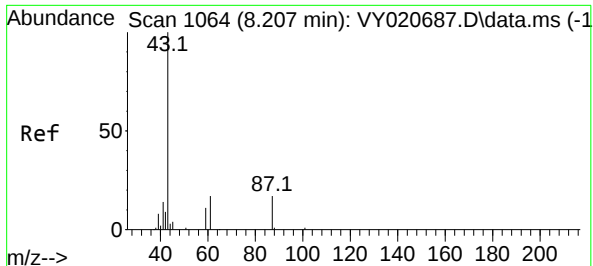
Tgt Ion:	41	Resp:	13861
Ion	Ratio	Lower	Upper
41	100		
39	66.3	46.6	70.0
67	106.6	74.7	112.1
52	44.7	32.2	48.4



#42
1,2-Dichloroethane
Concen: 45.027 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

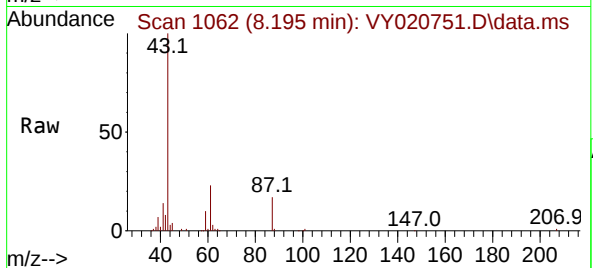
Tgt Ion:	62	Resp:	66294
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.6



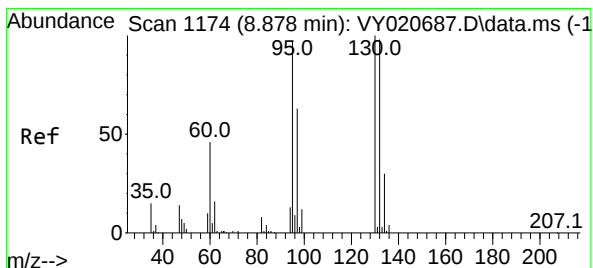
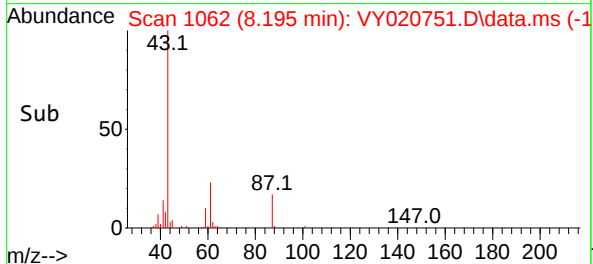
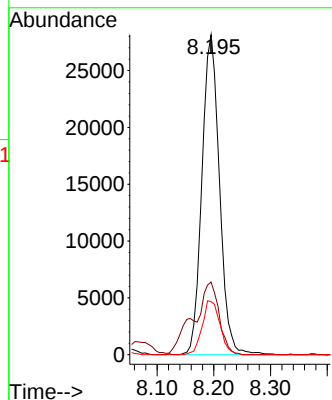


#43
Isopropyl Acetate
Concen: 54.559 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

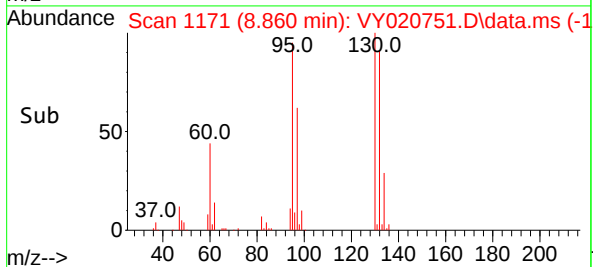
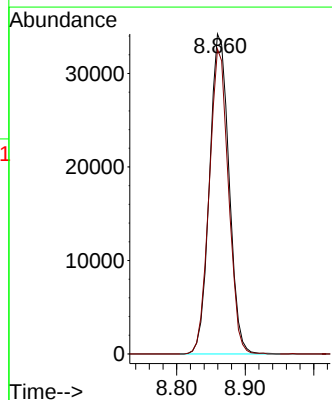
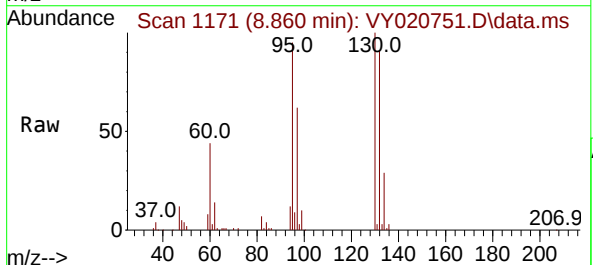


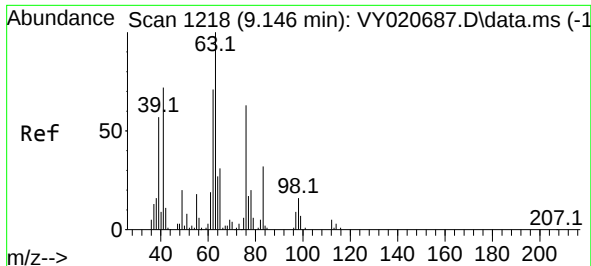
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.8	27.0	40.4
87	17.1	14.2	21.4



#44
Trichloroethene
Concen: 49.303 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	194.8





#45

1,2-Dichloropropane

Concen: 55.330 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

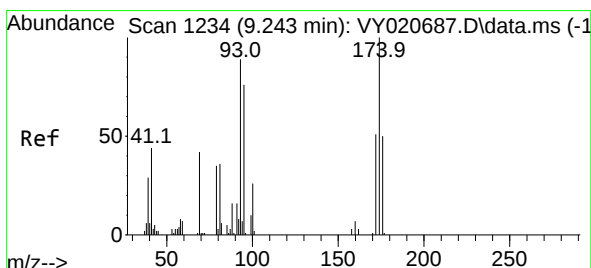
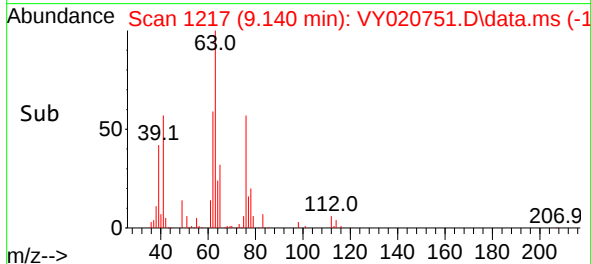
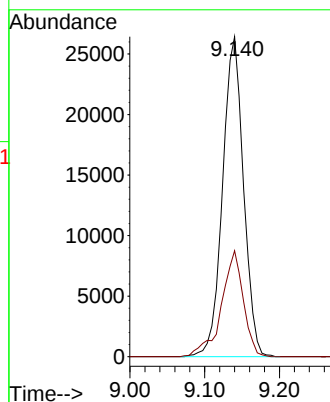
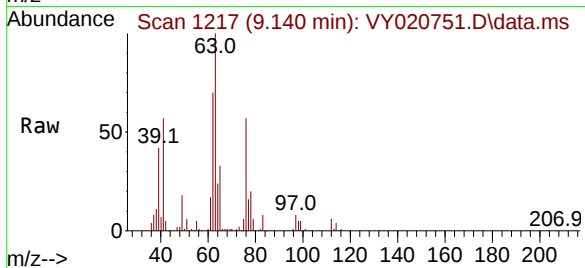
ClientSampleId :

Tgt Ion: 63 Resp: 51426

Ion Ratio Lower Upper

63 100

65 33.1 24.6 36.8



#46

Dibromomethane

Concen: 50.082 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

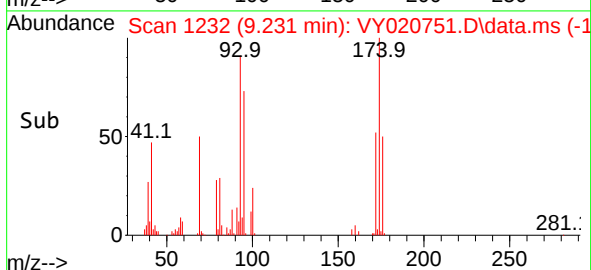
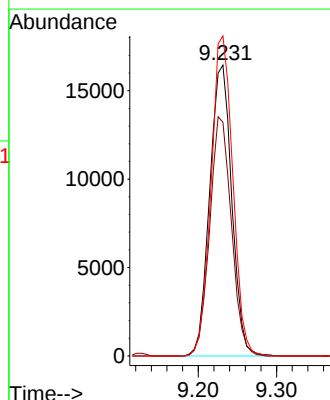
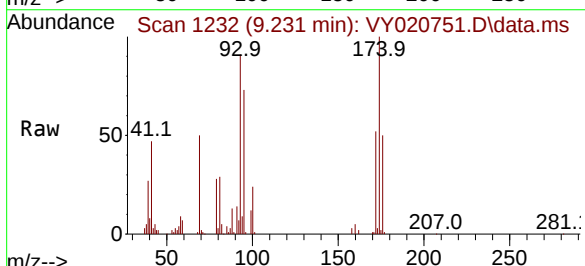
Tgt Ion: 93 Resp: 32208

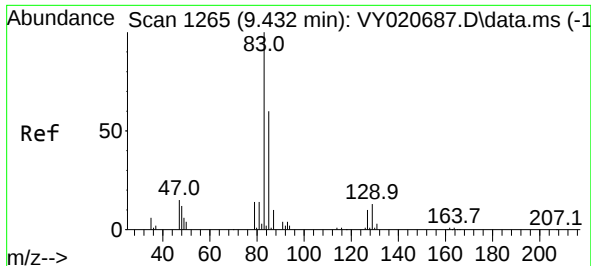
Ion Ratio Lower Upper

93 100

95 80.7 67.8 101.8

174 108.3 89.4 134.0

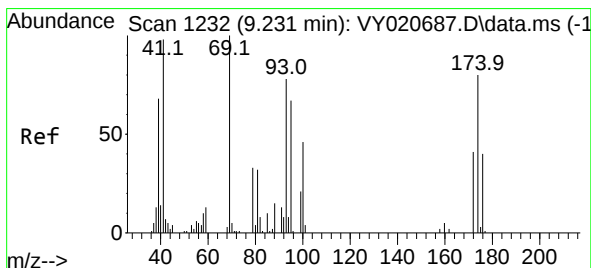
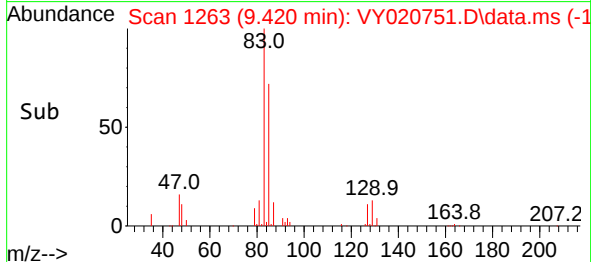
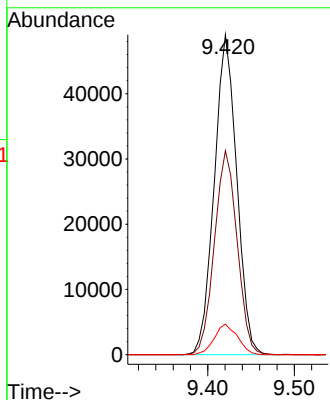
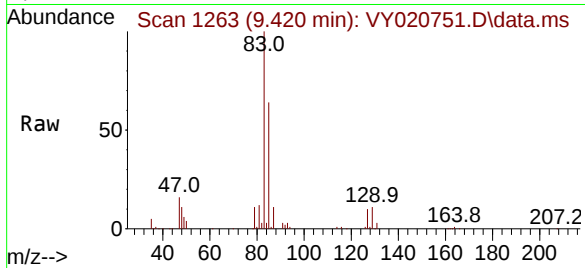




#47
Bromodichloromethane
Concen: 48.471 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

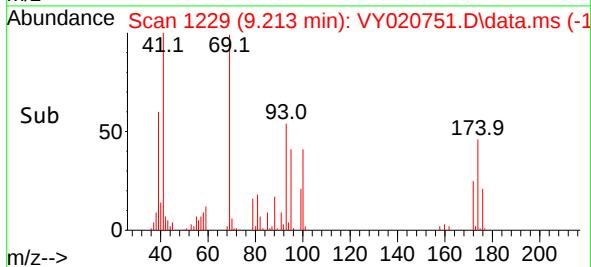
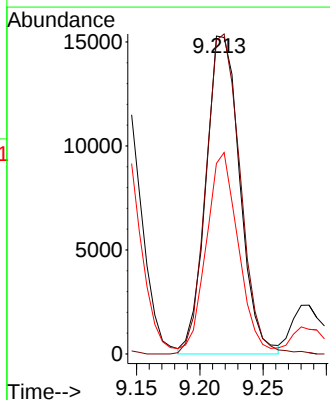
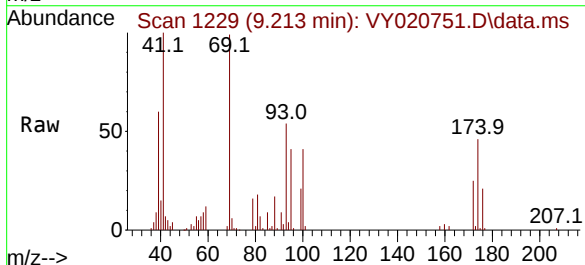
Instrument :
MSVOA_Y
ClientSampleId :

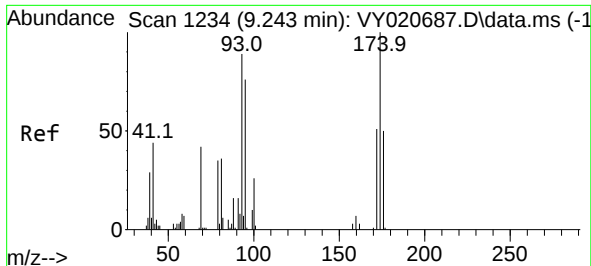
Tgt Ion: 83 Resp: 88374
Ion Ratio Lower Upper
83 100
85 63.8 47.6 71.4
127 9.5 7.9 11.9



#48
Methyl methacrylate
Concen: 54.945 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.018 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 41 Resp: 28473
Ion Ratio Lower Upper
41 100
69 101.4 83.1 124.7
39 56.9 57.3 85.9#





#49

1,4-Dioxane

Concen: 1146.306 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

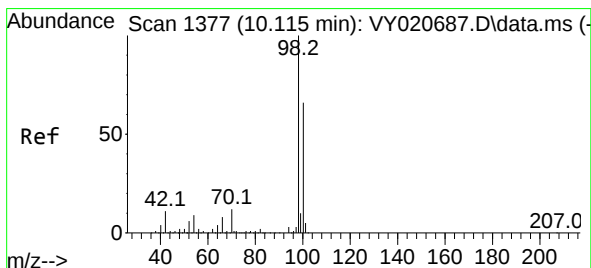
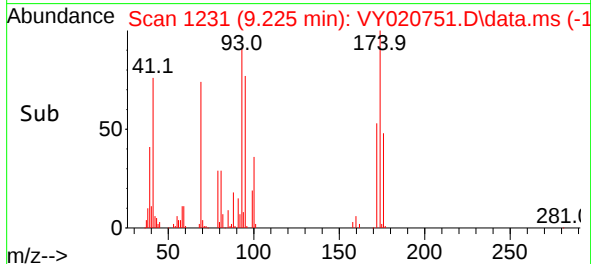
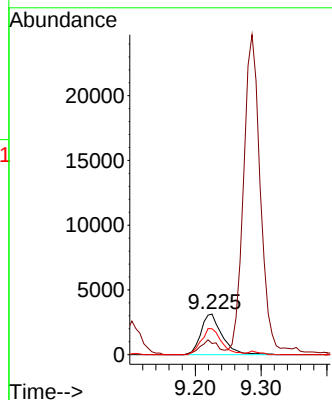
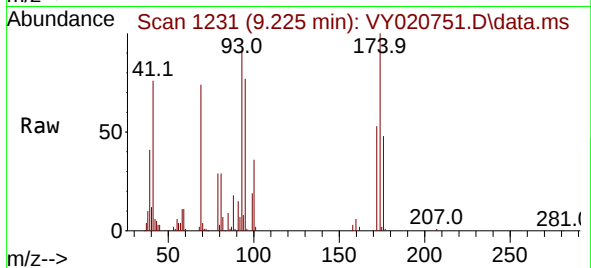
Tgt Ion: 88 Resp: 7022

Ion Ratio Lower Upper

88 100

43 29.9 22.1 33.1

58 61.5 46.7 70.1



#50

Toluene-d8

Concen: 54.080 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020751.D

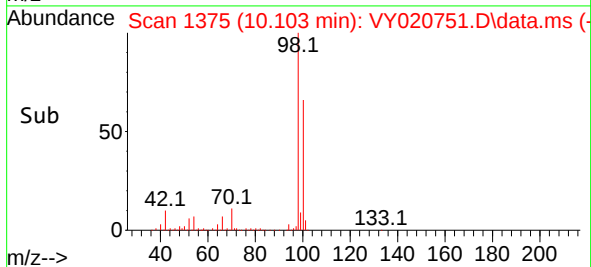
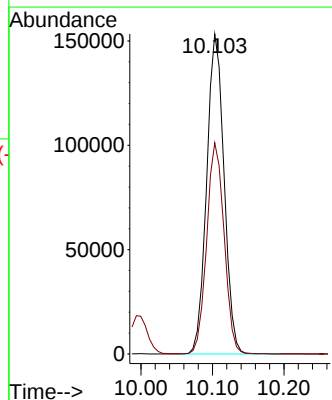
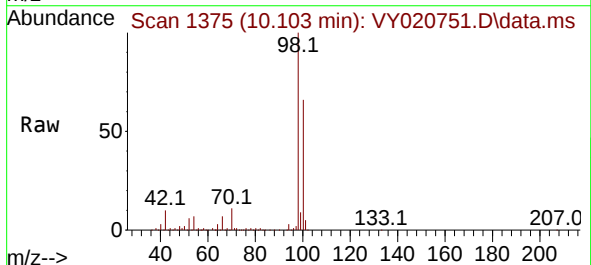
Acq: 30 Dec 2024 12:59

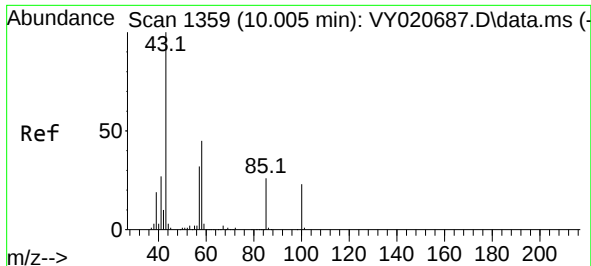
Tgt Ion: 98 Resp: 258628

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4

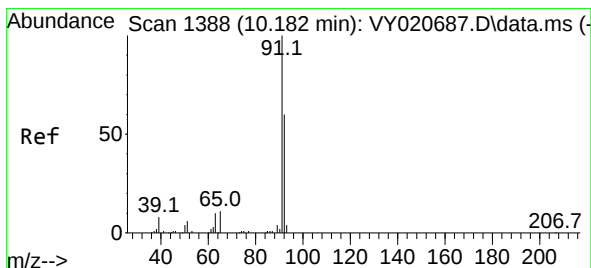
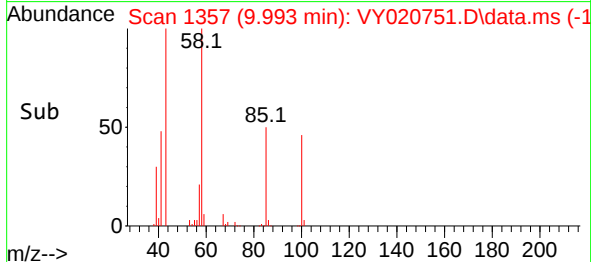
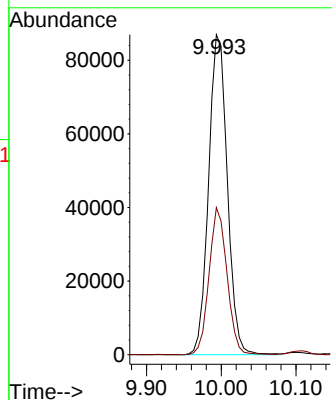
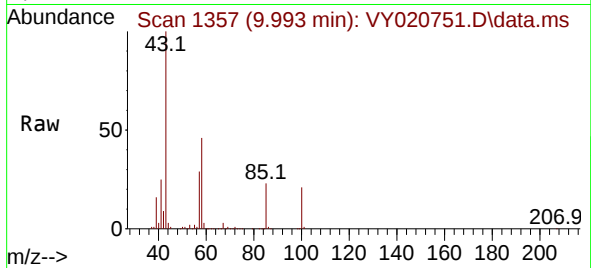




#51
4-Methyl-2-Pentanone
Concen: 282.634 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

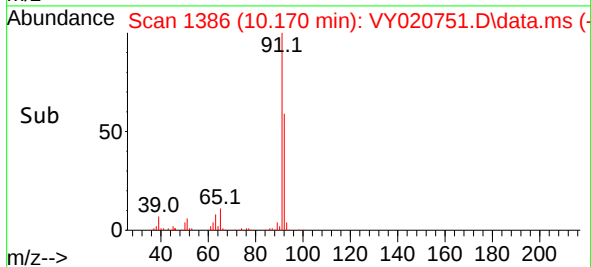
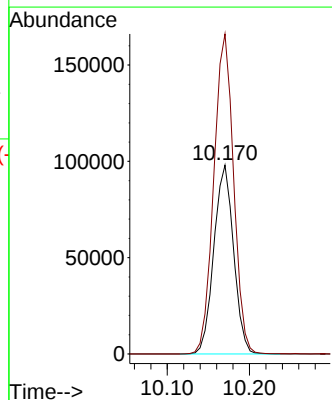
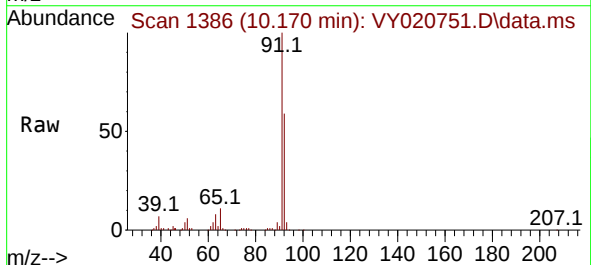
Instrument :
MSVOA_Y
ClientSampleId :

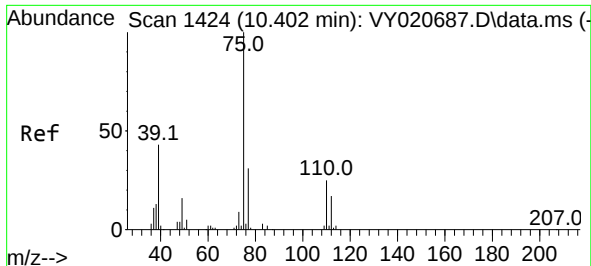
Tgt Ion: 43 Resp: 151382
Ion Ratio Lower Upper
43 100
58 44.0 35.1 52.7



#52
Toluene
Concen: 51.892 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 92 Resp: 163306
Ion Ratio Lower Upper
92 100
91 170.2 137.7 206.5

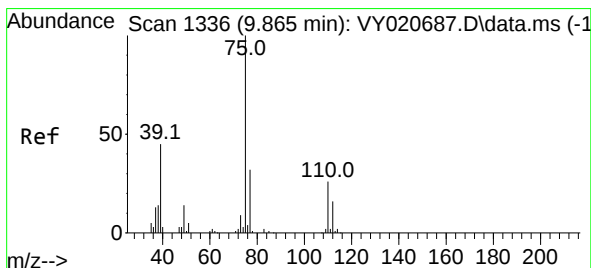
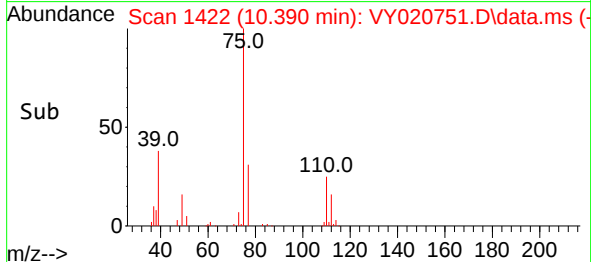
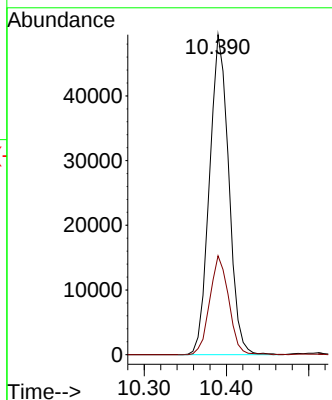
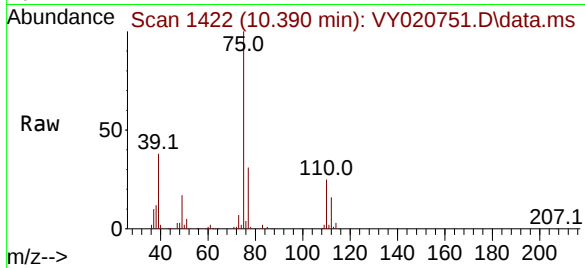




#53
 t-1,3-Dichloropropene
 Concen: 50.382 ug/l
 RT: 10.390 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

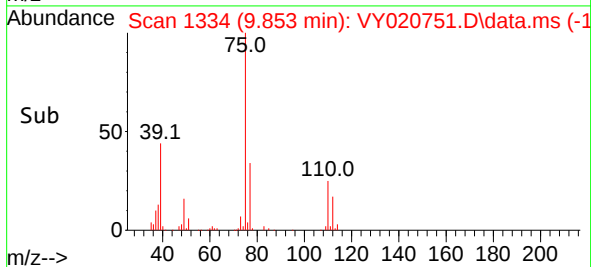
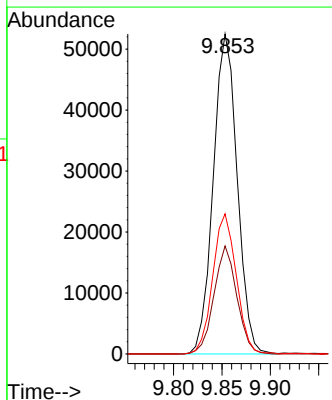
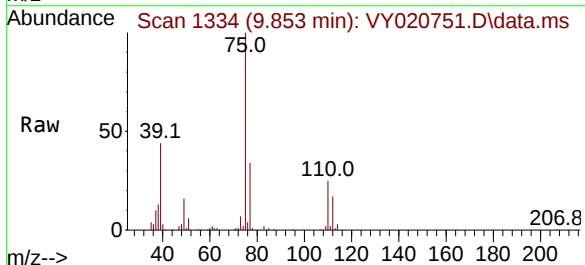
Instrument :
 MSVOA_Y
 ClientSampleId :

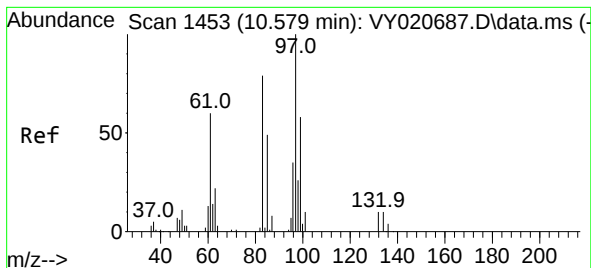
Tgt Ion: 75 Resp: 80680
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.409 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

Tgt Ion: 75 Resp: 90236
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.6 38.4
 39 43.8 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 50.964 ug/l

RT: 10.573 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 41836

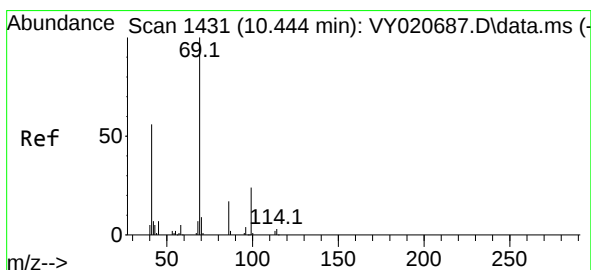
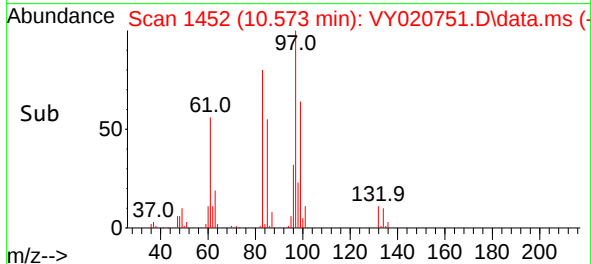
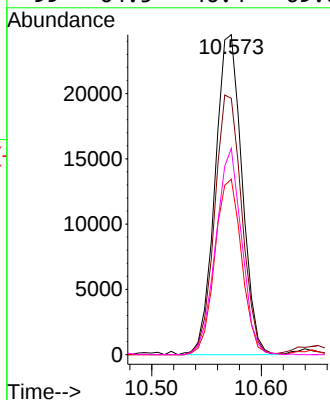
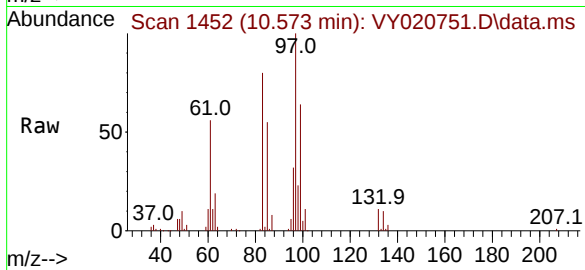
Ion Ratio Lower Upper

97 100

83 80.1 63.1 94.7

85 54.8 39.5 59.3

99 64.5 46.4 69.6



#56

Ethyl methacrylate

Concen: 53.278 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

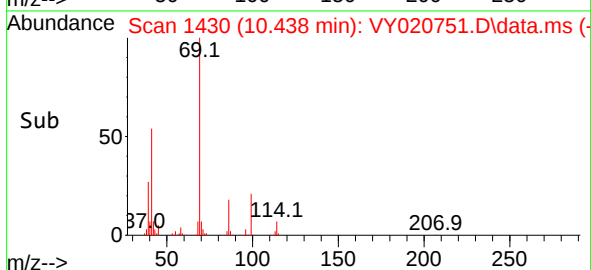
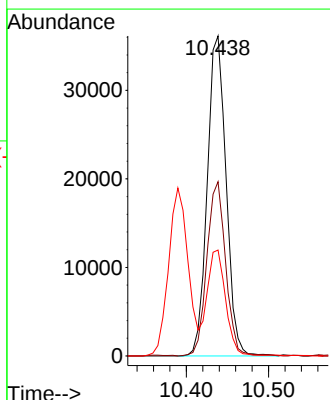
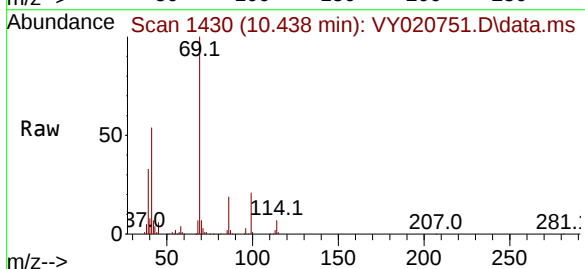
Tgt Ion: 69 Resp: 57457

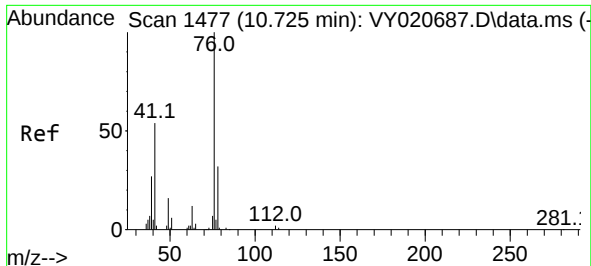
Ion Ratio Lower Upper

69 100

41 54.6 43.8 65.6

39 32.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.919 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

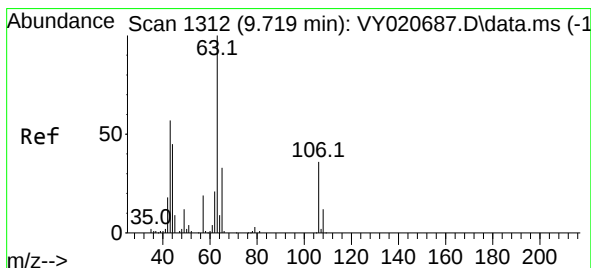
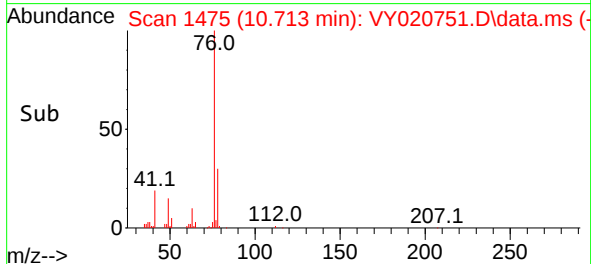
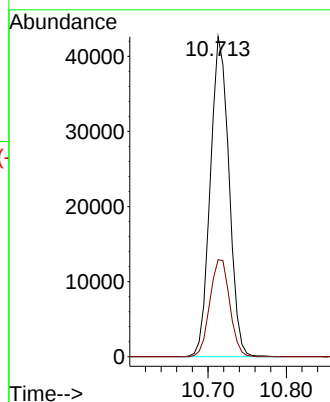
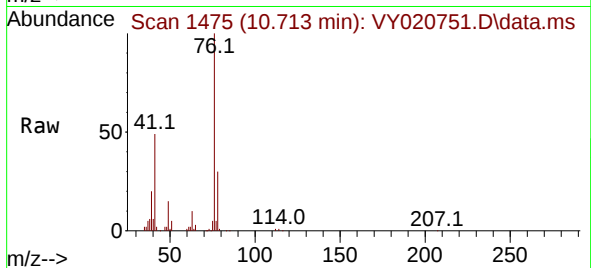
ClientSampleId :

Tgt Ion: 76 Resp: 70506

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 343.071 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020751.D

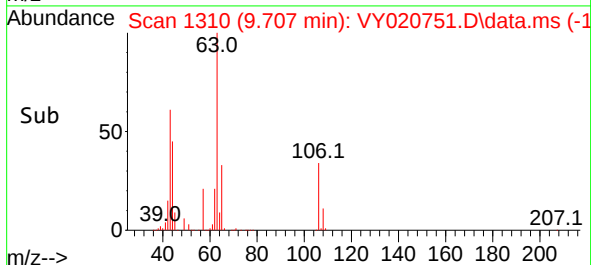
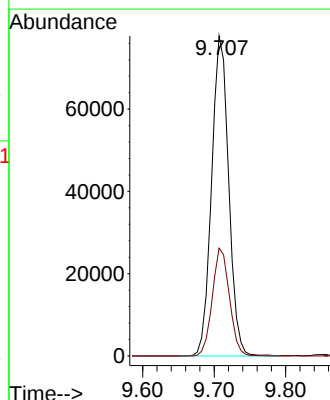
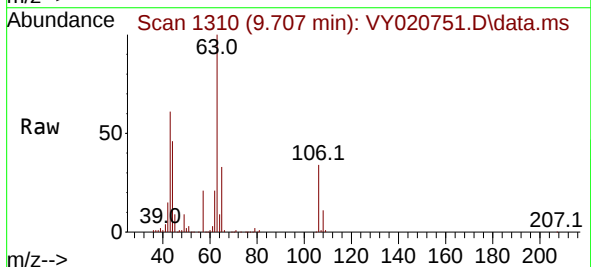
Acq: 30 Dec 2024 12:59

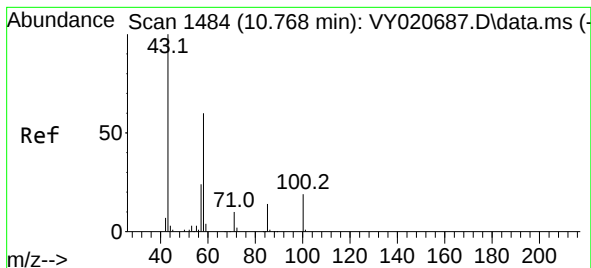
Tgt Ion: 63 Resp: 129017

Ion Ratio Lower Upper

63 100

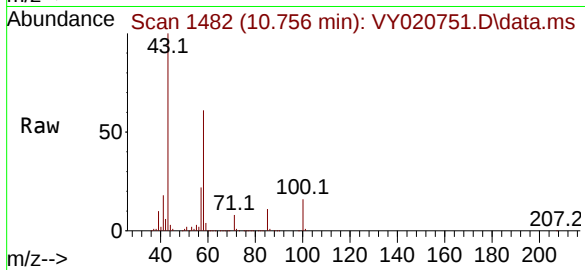
106 33.7 29.1 43.7



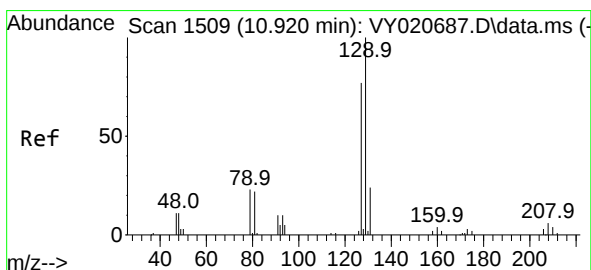
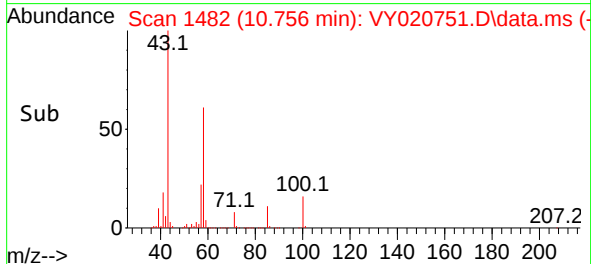
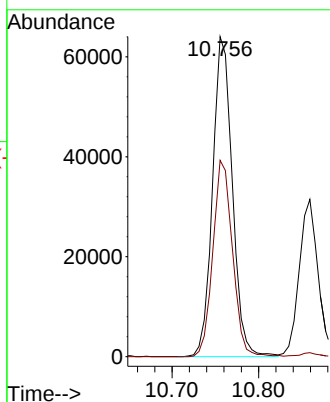


#59
2-Hexanone
Concen: 286.561 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.013 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

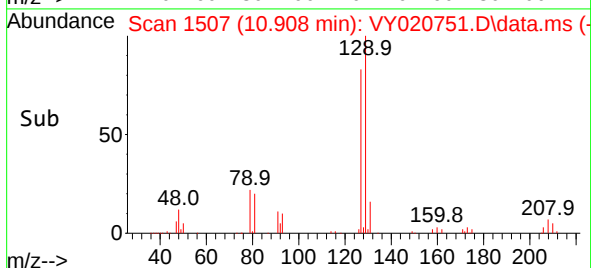
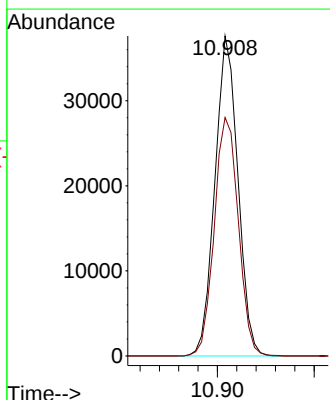
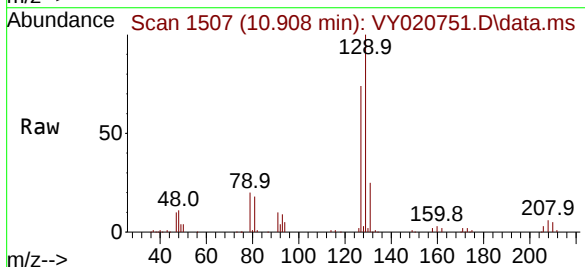


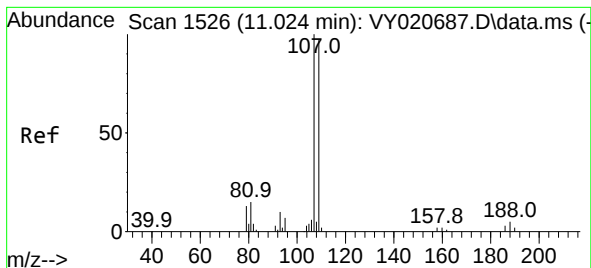
Tgt Ion: 43 Resp: 101339
Ion Ratio Lower Upper
43 100
58 61.1 30.1 90.5



#60
Dibromochloromethane
Concen: 46.729 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion:129 Resp: 61984
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.069 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

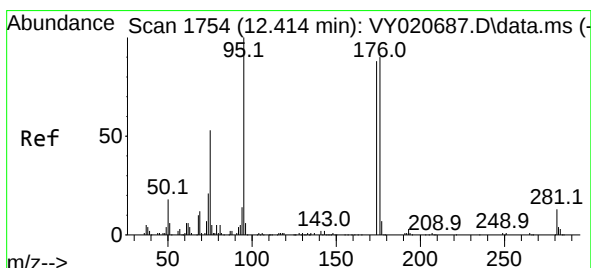
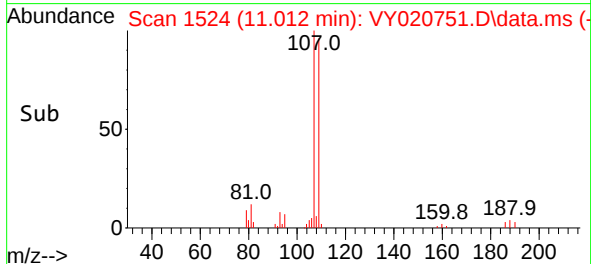
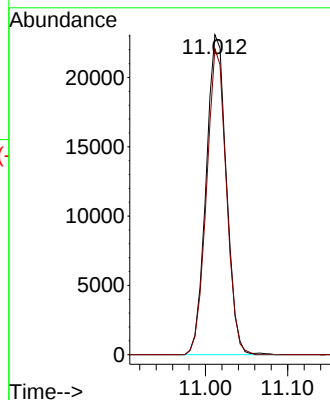
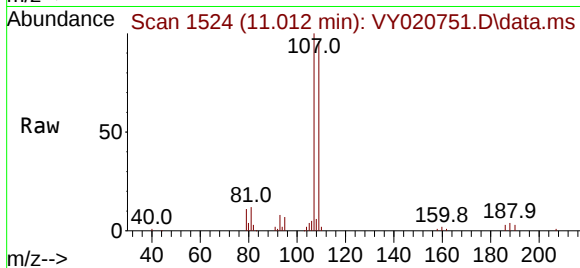
ClientSampleId :

Tgt Ion:107 Resp: 39447

Ion Ratio Lower Upper

107 100

109 93.8 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 55.100 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

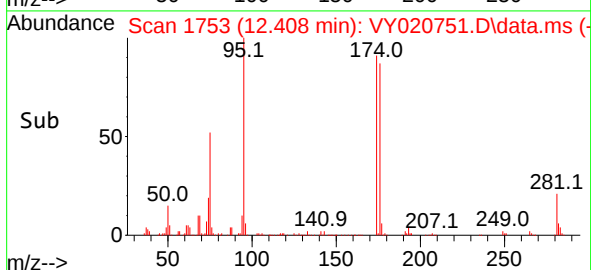
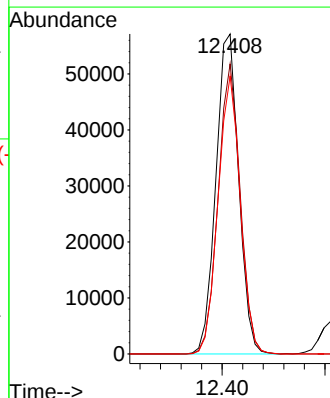
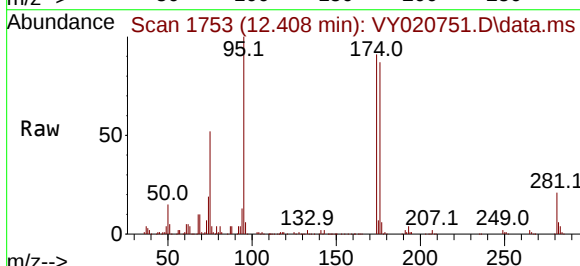
Tgt Ion: 95 Resp: 87826

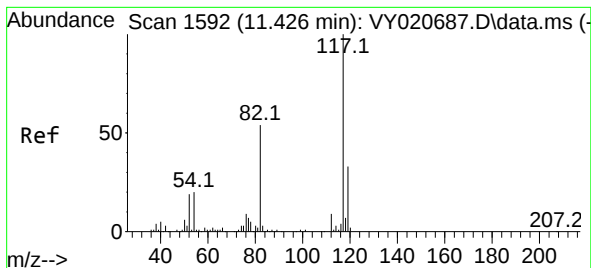
Ion Ratio Lower Upper

95 100

174 87.7 0.0 179.2

176 84.8 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

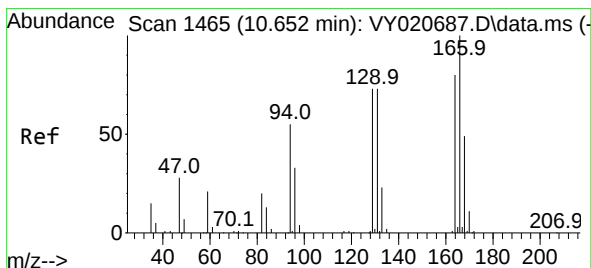
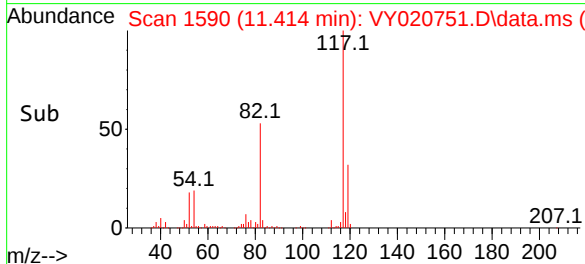
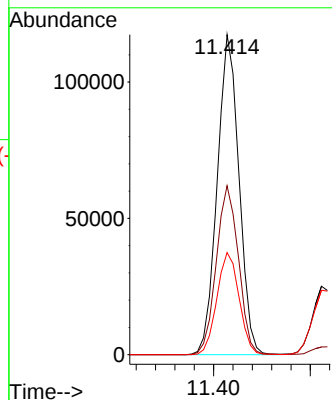
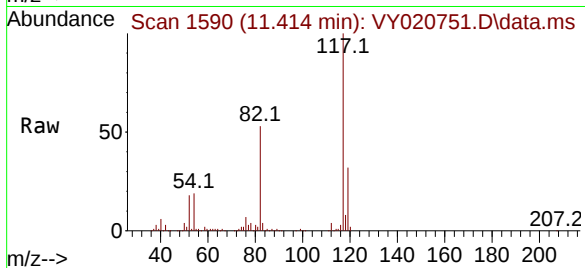
Tgt Ion:117 Resp: 183202

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.2

119 31.9 26.6 39.8



#64

Tetrachloroethene

Concen: 49.109 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Tgt Ion:164 Resp: 61467

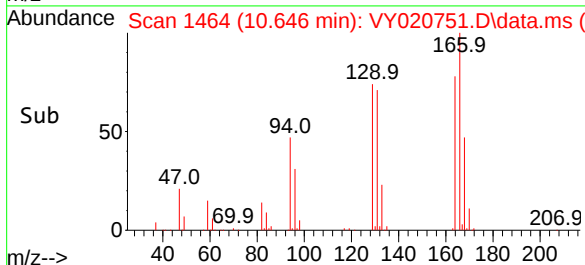
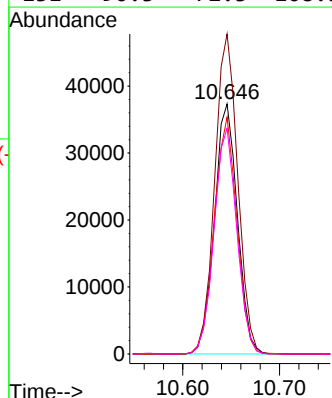
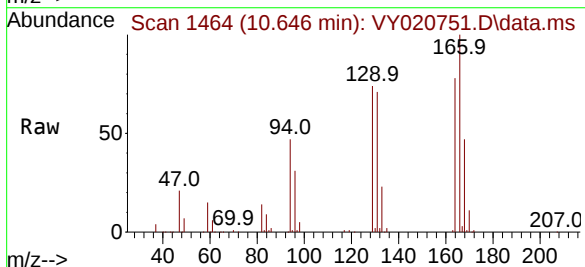
Ion Ratio Lower Upper

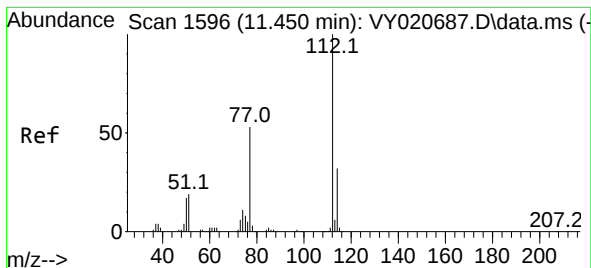
164 100

166 128.0 99.6 149.4

129 94.7 73.0 109.4

131 90.3 72.3 108.5





#65

Chlorobenzene

Concen: 50.279 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

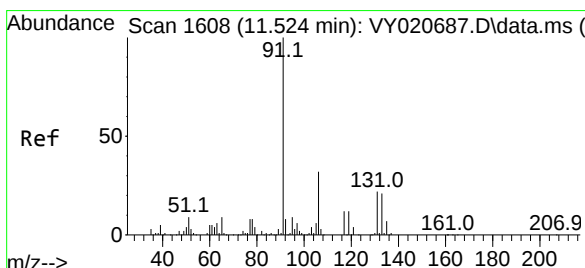
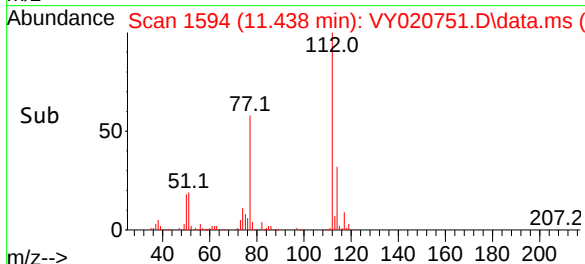
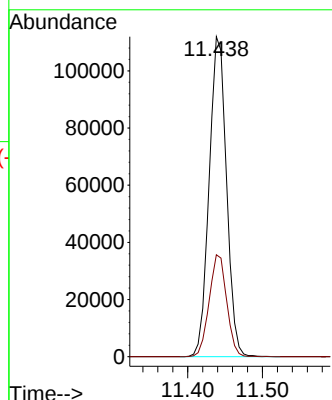
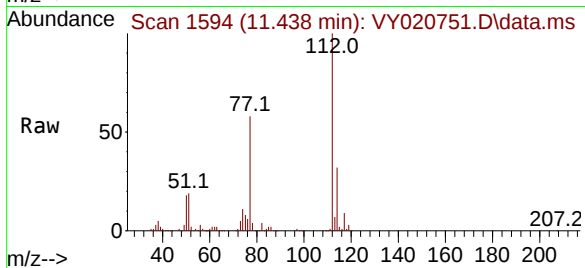
ClientSampleId :

Tgt Ion:112 Resp: 180361

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.212 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.013 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

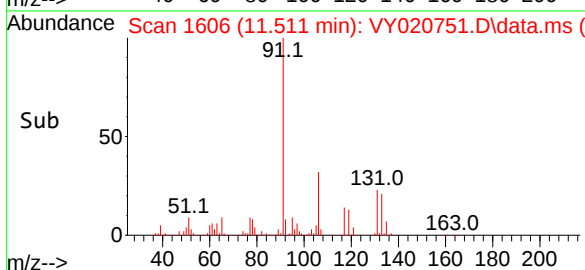
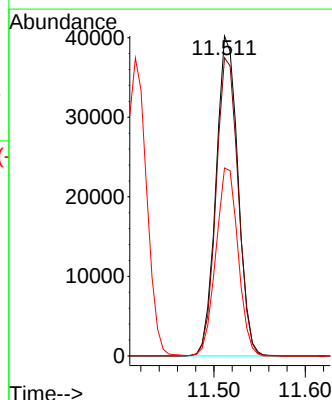
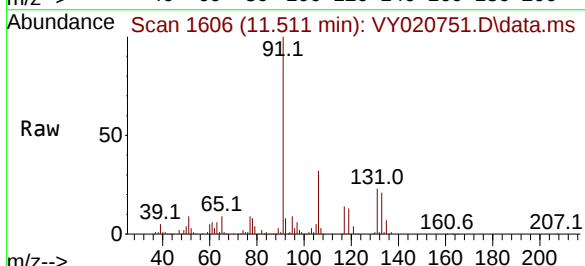
Tgt Ion:131 Resp: 67004

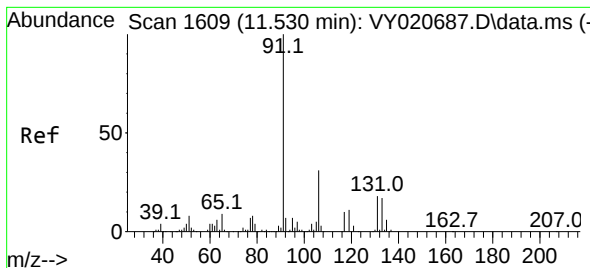
Ion Ratio Lower Upper

131 100

133 94.2 48.6 145.9

119 59.6 28.4 85.3





#67

Ethyl Benzene

Concen: 50.821 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

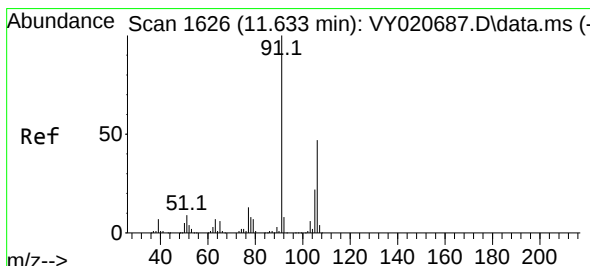
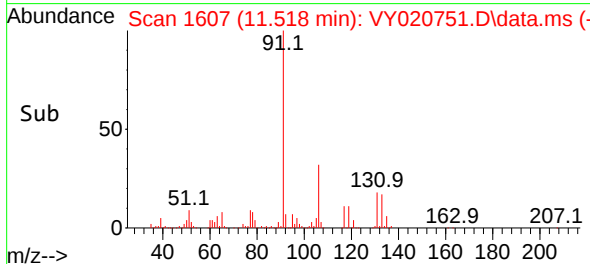
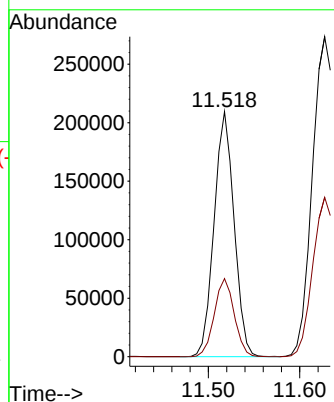
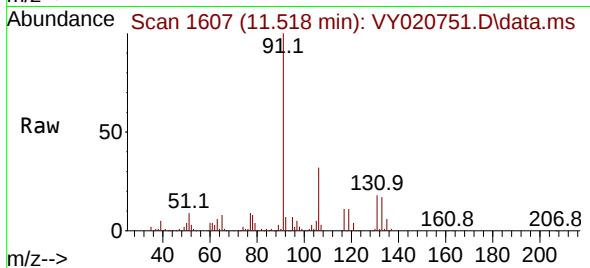
ClientSampleId :

Tgt Ion: 91 Resp: 318634

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 103.351 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020751.D

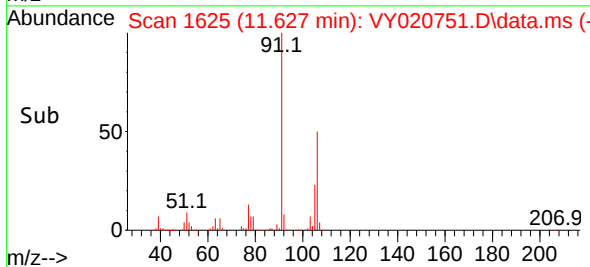
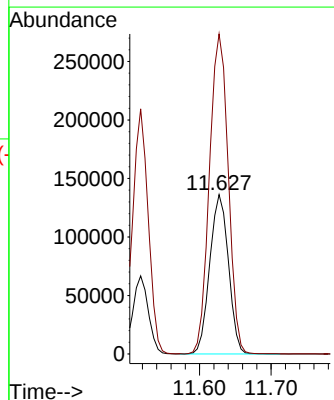
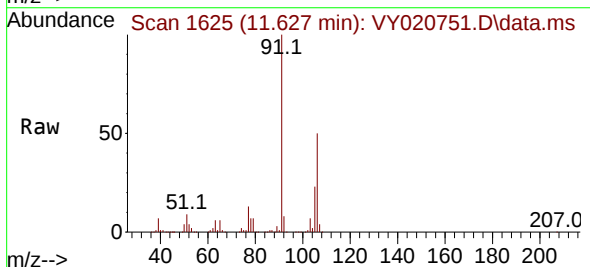
Acq: 30 Dec 2024 12:59

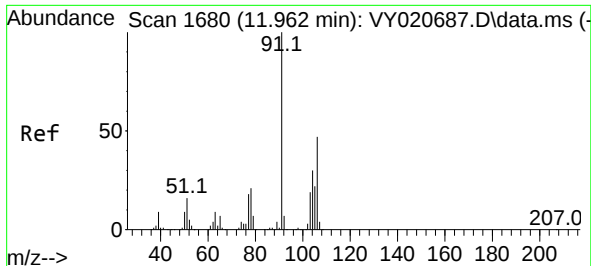
Tgt Ion:106 Resp: 247178

Ion Ratio Lower Upper

106 100

91 202.3 166.6 250.0

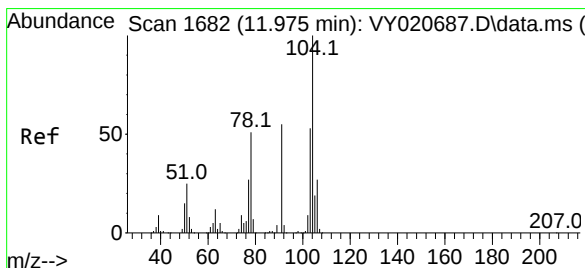
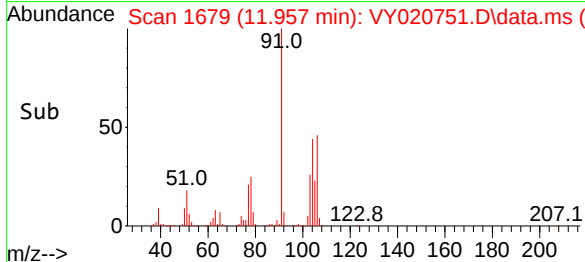
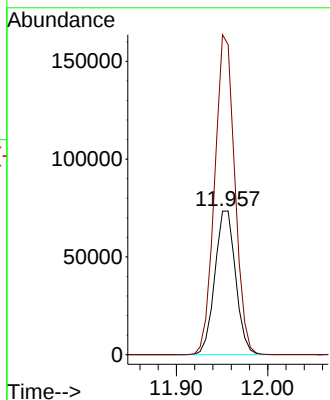
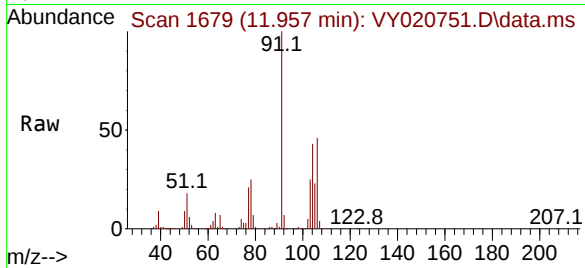




#69
o-Xylene
Concen: 50.930 ug/l
RT: 11.957 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

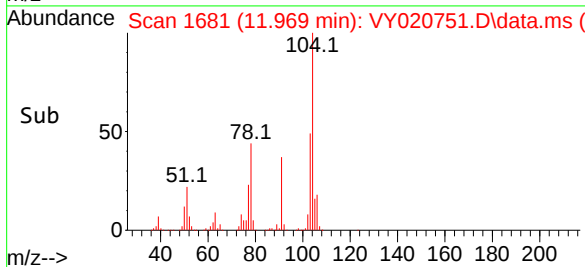
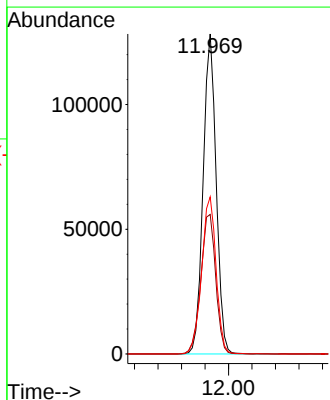
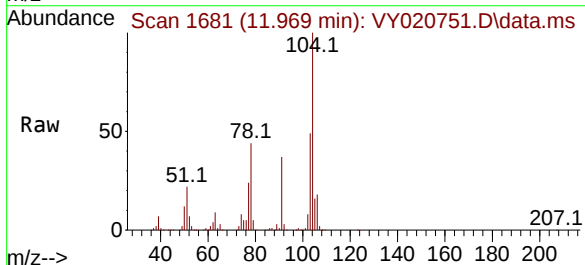
Instrument :
MSVOA_Y
ClientSampleId :

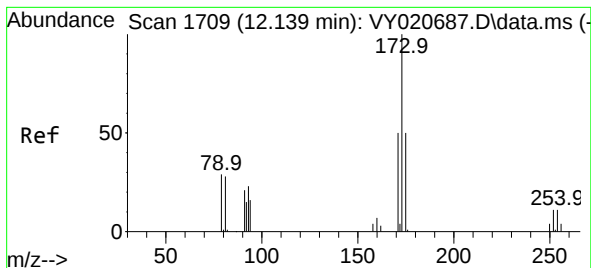
Tgt Ion:106 Resp: 116376
Ion Ratio Lower Upper
106 100
91 215.6 108.6 325.8



#70
Styrene
Concen: 51.617 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion:104 Resp: 197997
Ion Ratio Lower Upper
104 100
78 49.8 43.0 64.4
103 54.2 44.4 66.6





#71

Bromoform

Concen: 47.712 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

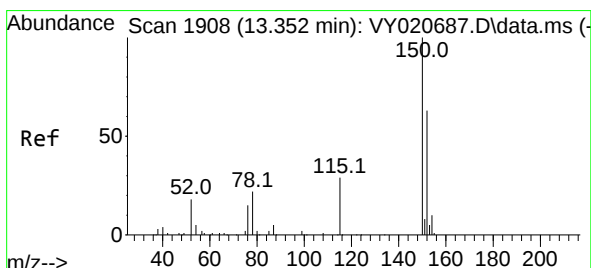
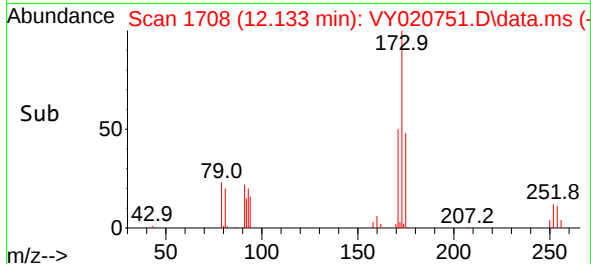
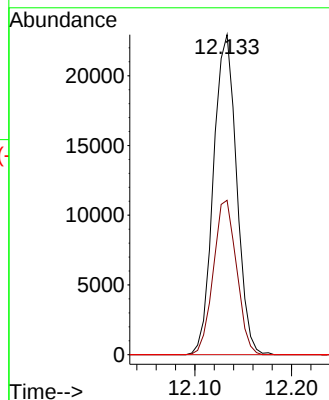
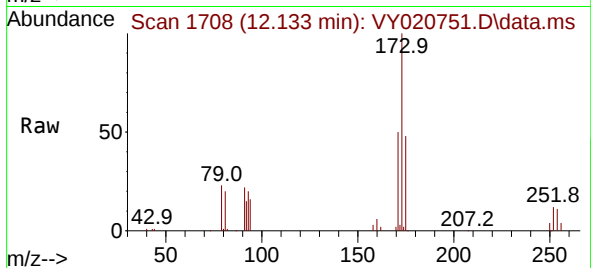
Tgt Ion:173 Resp: 38122

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

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. -0.005 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

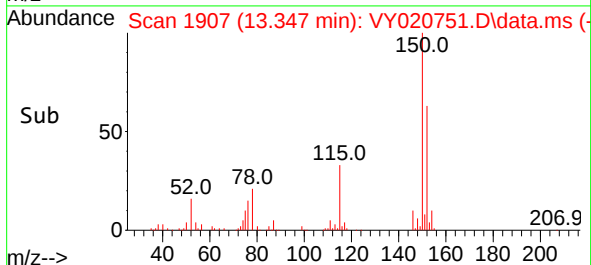
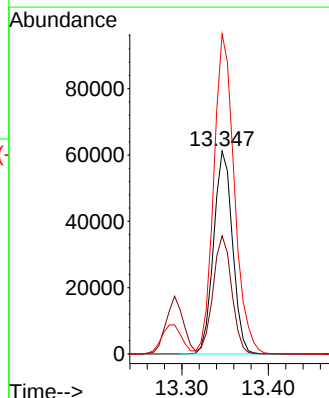
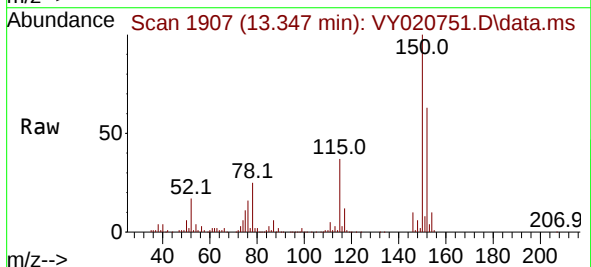
Tgt Ion:152 Resp: 92631

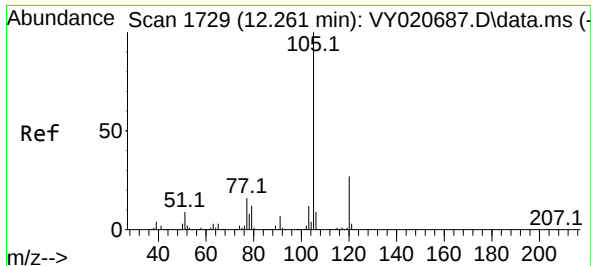
Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

150 171.4 0.0 349.0

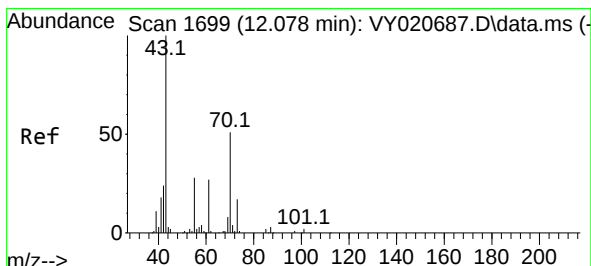
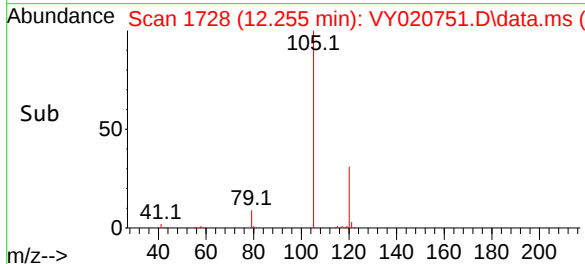
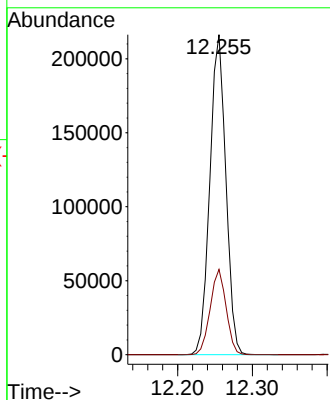
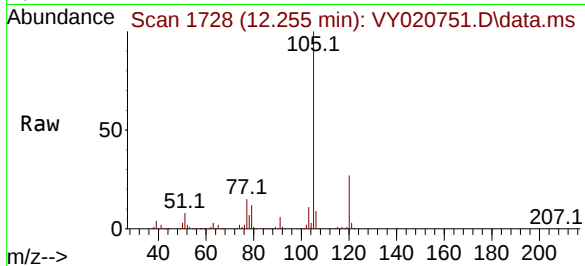




#73
Isopropylbenzene
Concen: 50.057 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

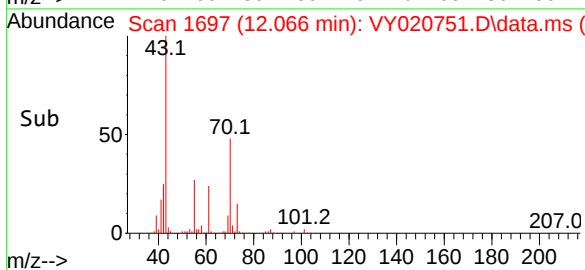
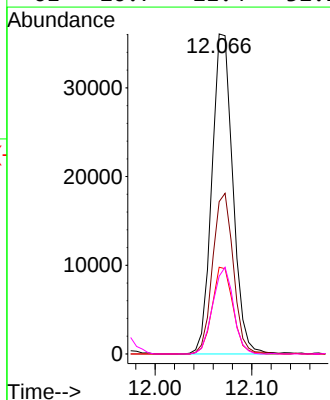
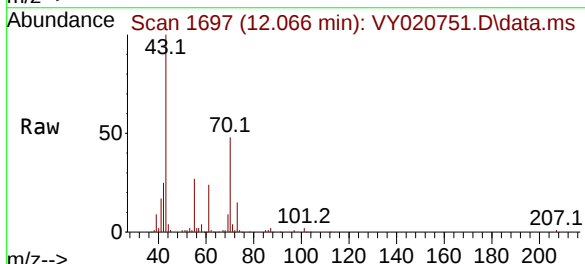
Instrument :
MSVOA_Y
ClientSampleId :

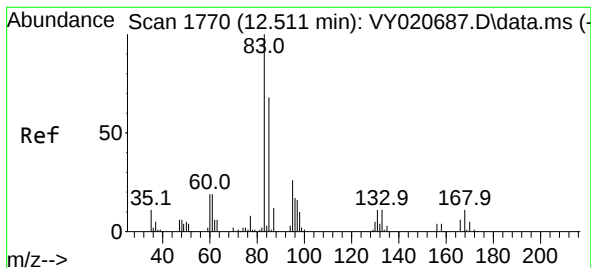
Tgt Ion:105 Resp: 321248
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 59.561 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 43 Resp: 54319
Ion Ratio Lower Upper
43 100
70 49.7 39.7 59.5
55 27.0 21.5 32.3
61 26.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.064 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

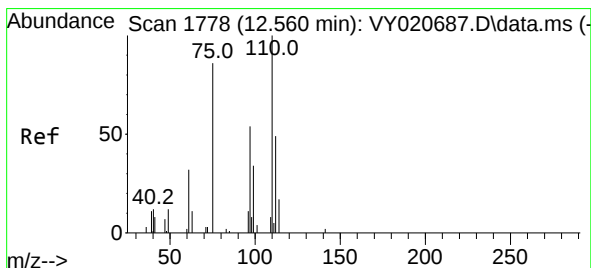
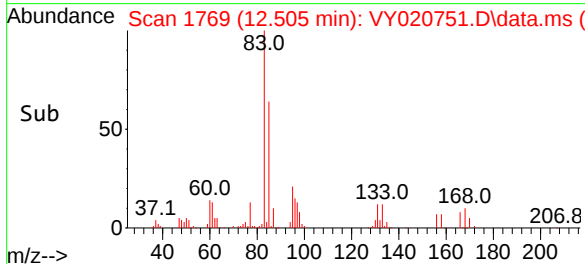
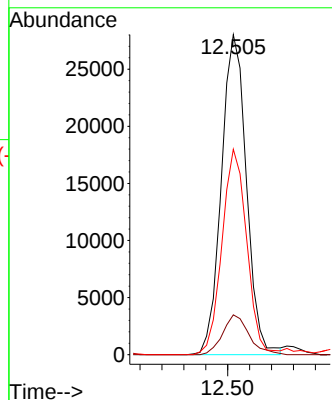
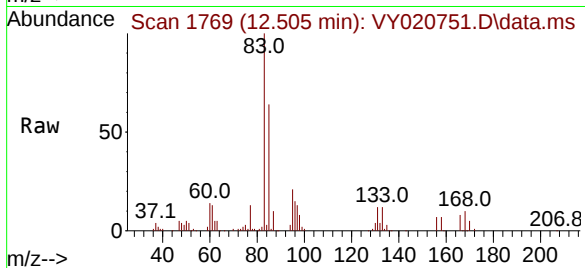
Tgt Ion: 83 Resp: 44479

Ion Ratio Lower Upper

83 100

131 13.1 6.9 20.7

85 63.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 106.176 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020751.D

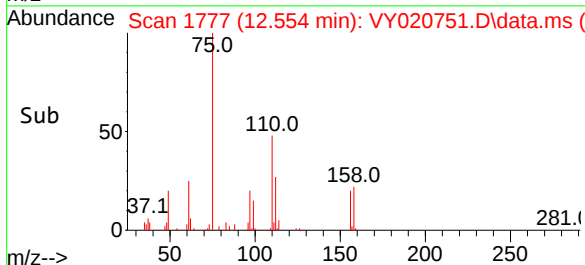
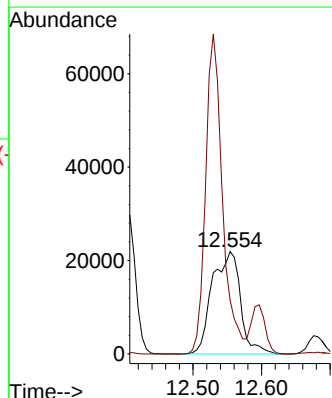
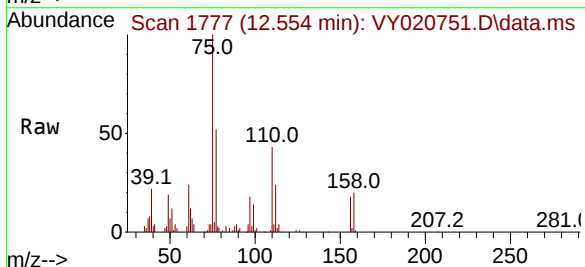
Acq: 30 Dec 2024 12:59

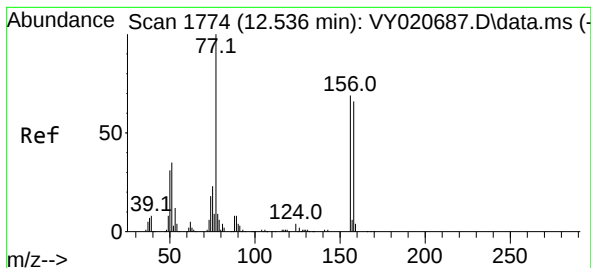
Tgt Ion: 75 Resp: 62553

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.706 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

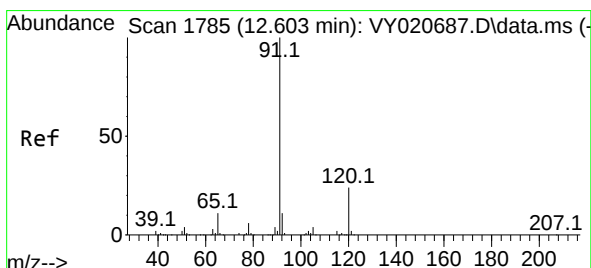
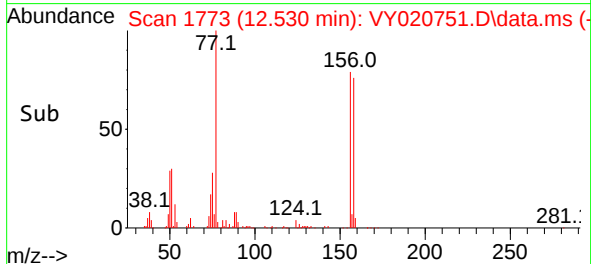
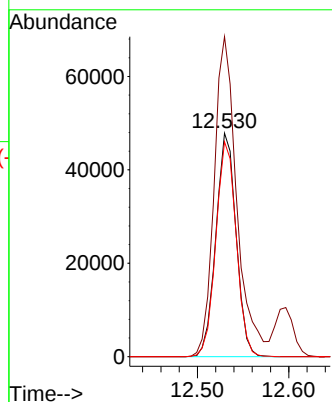
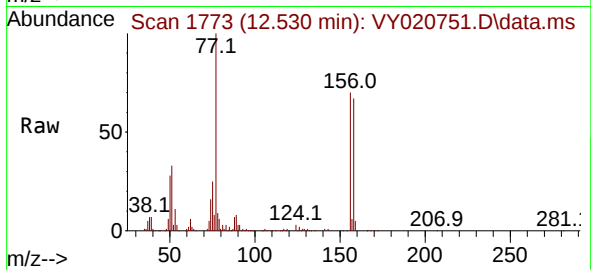
Tgt Ion:156 Resp: 73431

Ion Ratio Lower Upper

156 100

77 159.5 78.3 235.0

158 97.0 48.3 144.9



#78

n-propylbenzene

Concen: 51.320 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020751.D

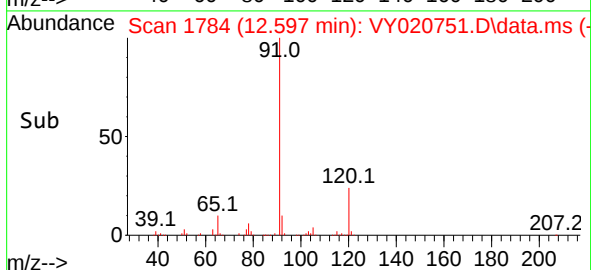
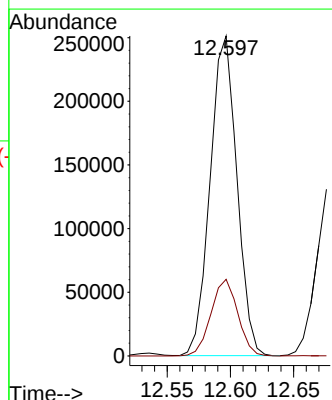
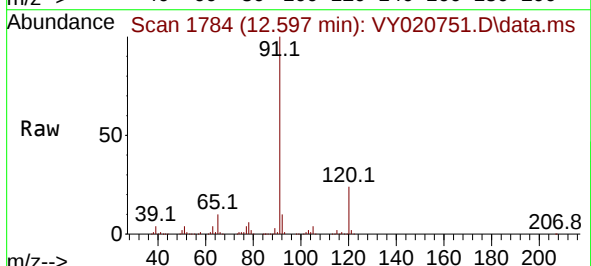
Acq: 30 Dec 2024 12:59

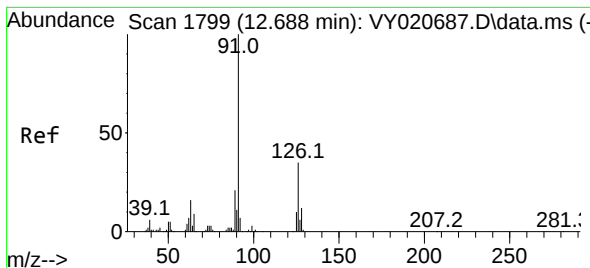
Tgt Ion: 91 Resp: 369144

Ion Ratio Lower Upper

91 100

120 24.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.178 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

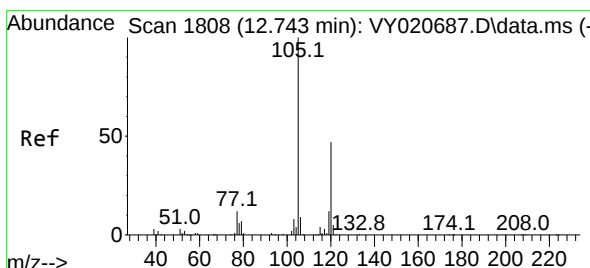
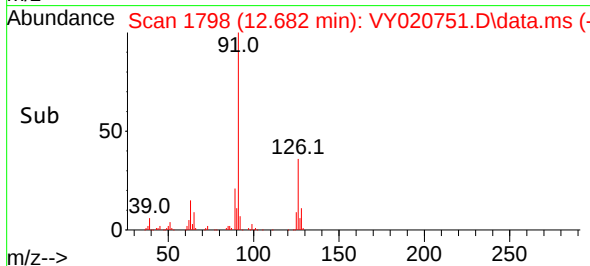
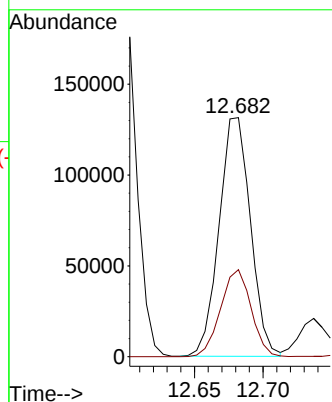
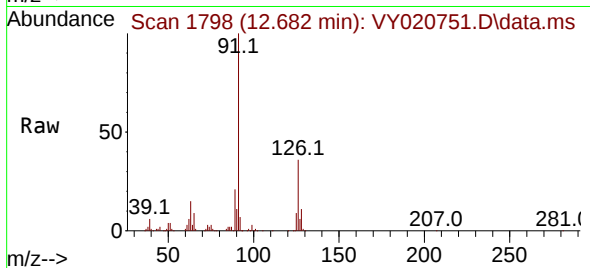
ClientSampleId :

Tgt Ion: 91 Resp: 209855

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 49.664 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020751.D

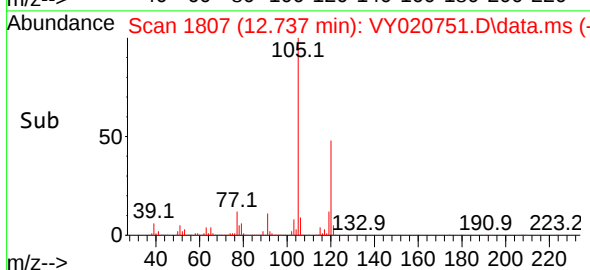
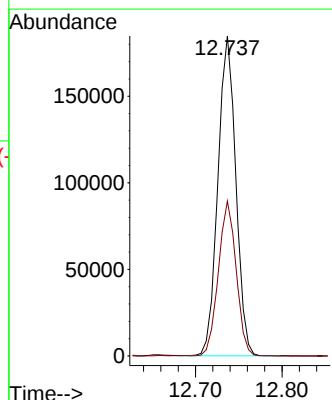
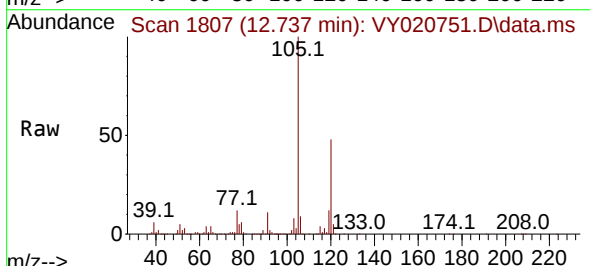
Acq: 30 Dec 2024 12:59

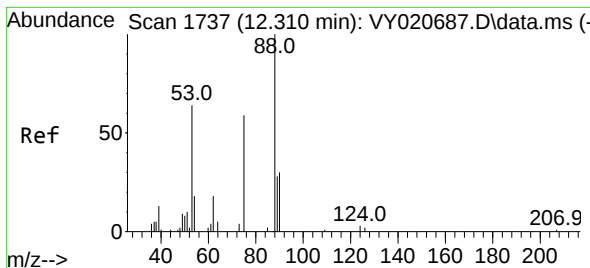
Tgt Ion:105 Resp: 265547

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

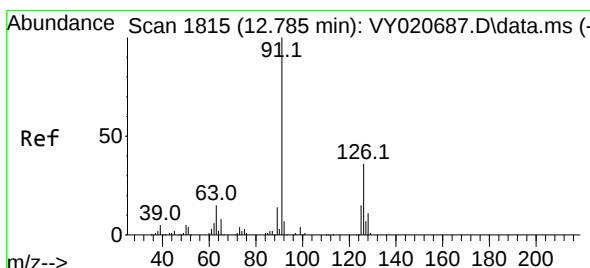
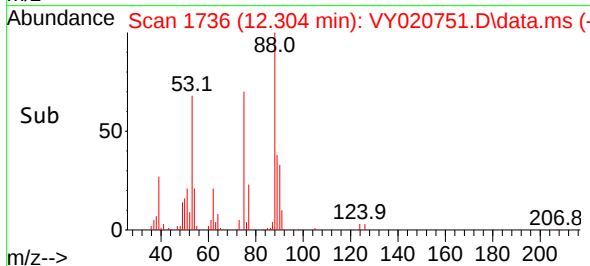
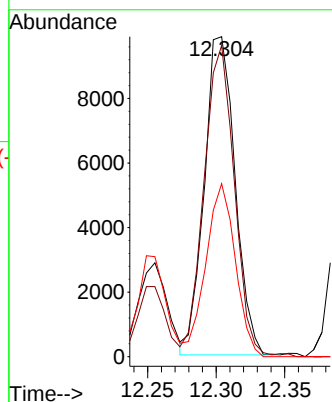
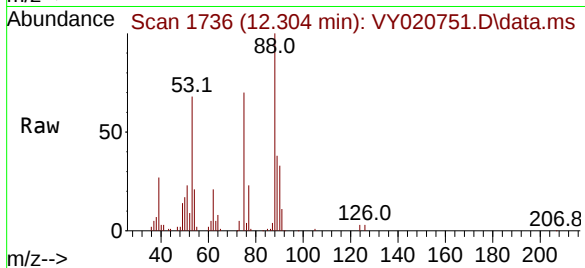




#81
trans-1,4-Dichloro-2-butene
Concen: 51.617 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

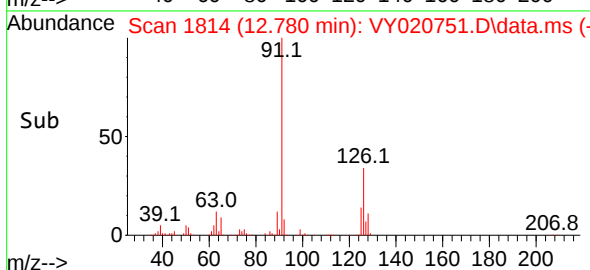
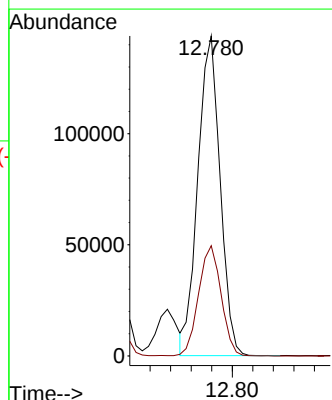
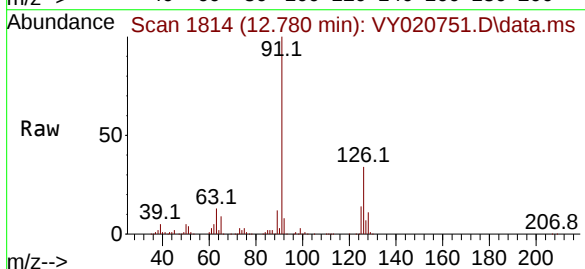
Instrument :
MSVOA_Y
ClientSampleId :

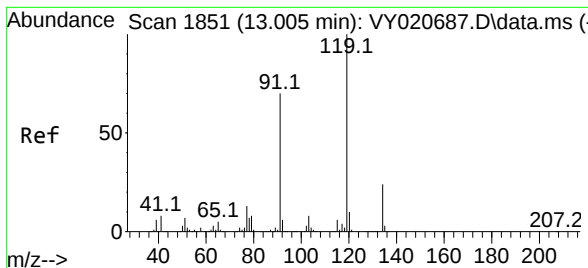
Tgt Ion: 75 Resp: 15385
Ion Ratio Lower Upper
75 100
53 96.5 83.1 124.7
89 52.4 40.6 61.0



#82
4-Chlorotoluene
Concen: 51.105 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.005 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion: 91 Resp: 216570
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5

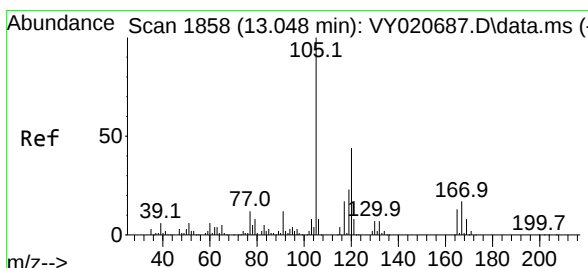
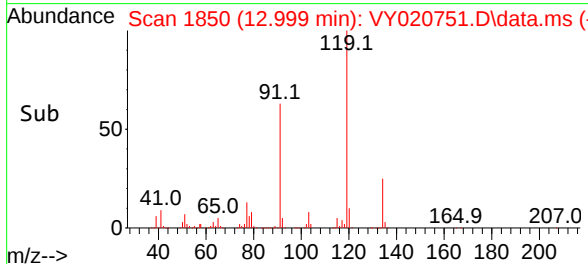
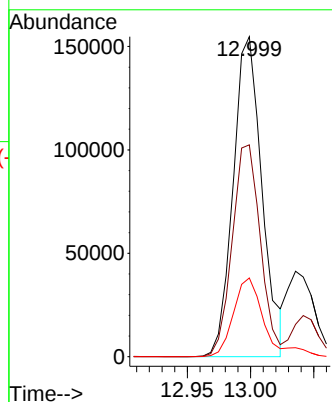
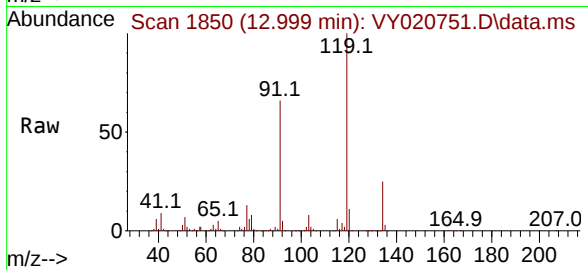




#83
tert-Butylbenzene
Concen: 49.188 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

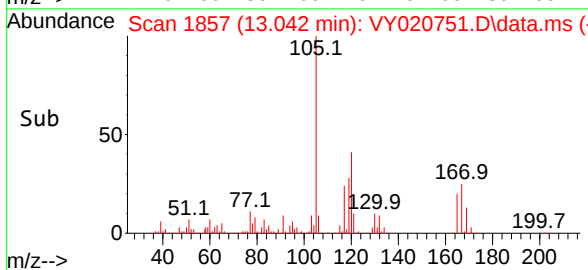
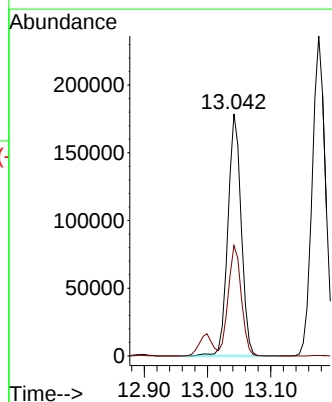
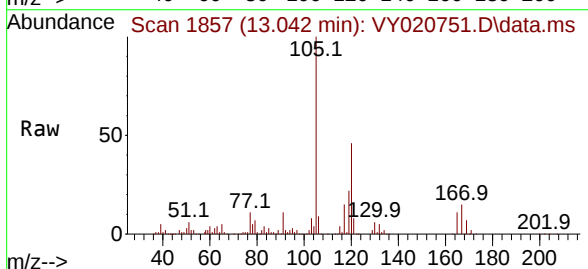
Instrument :
MSVOA_Y
ClientSampleId :

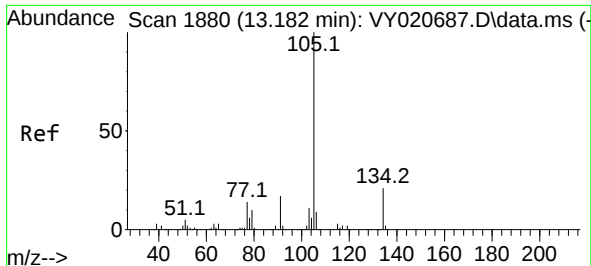
Tgt Ion:119 Resp: 245612
Ion Ratio Lower Upper
119 100
91 64.9 33.6 100.8
134 26.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 50.011 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion:105 Resp: 260214
Ion Ratio Lower Upper
105 100
120 44.7 21.8 65.3

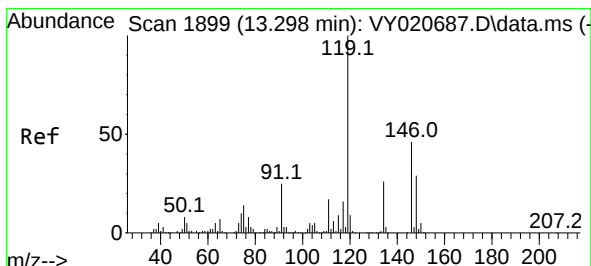
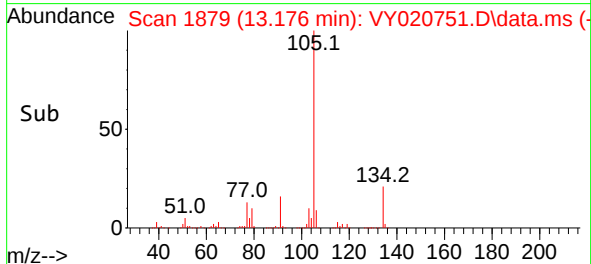
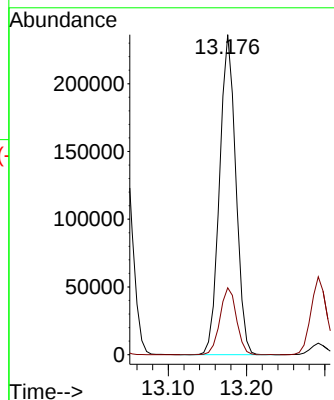
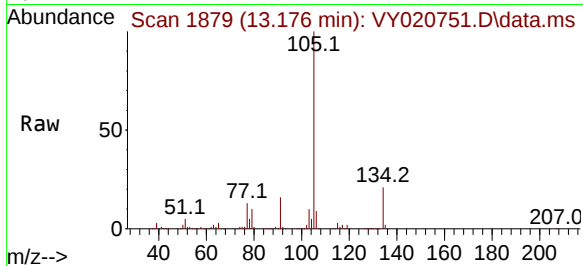




#85
 sec-Butylbenzene
 Concen: 50.690 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

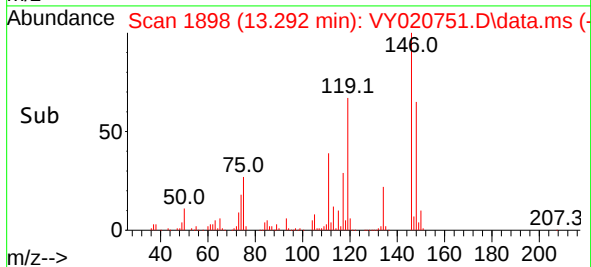
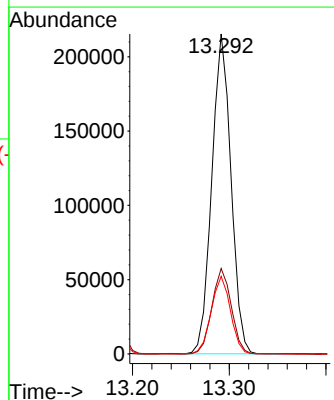
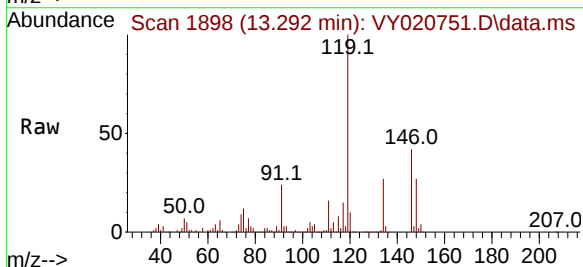
Instrument :
 MSVOA_Y
 ClientSampleId :

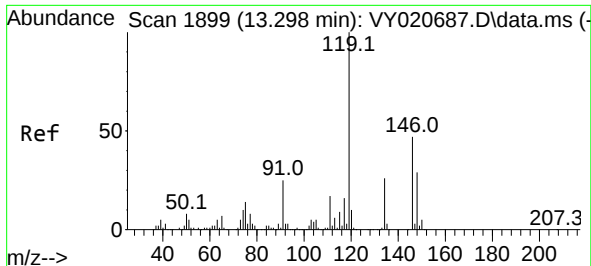
Tgt Ion:105 Resp: 341125
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 49.353 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY020751.D
 Acq: 30 Dec 2024 12:59

Tgt Ion:119 Resp: 295989
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 24.3 12.9 38.6

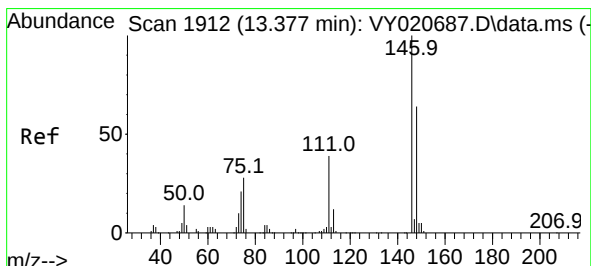
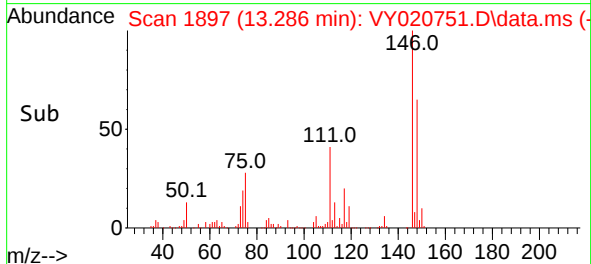
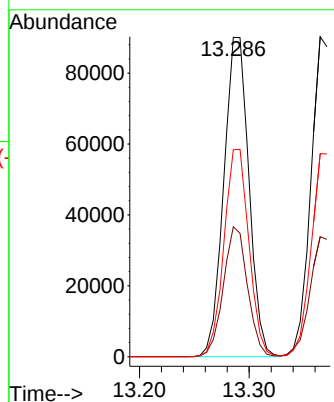
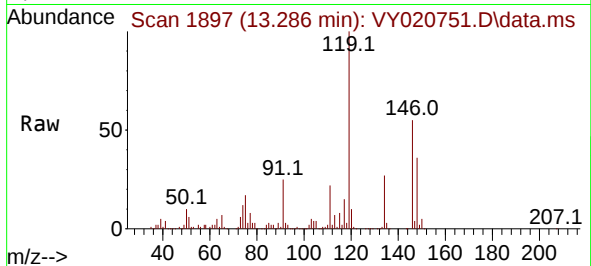




#87
1,3-Dichlorobenzene
Concen: 49.627 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

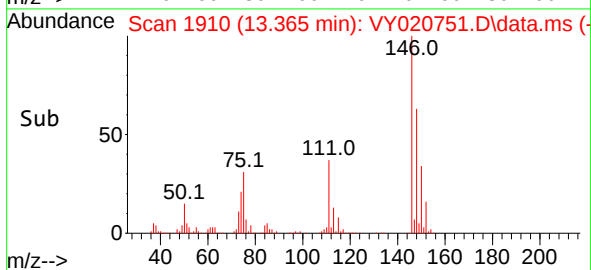
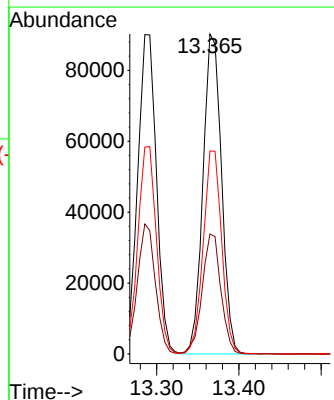
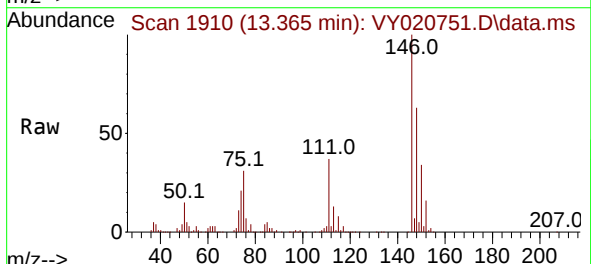
Instrument :
MSVOA_Y
ClientSampleId :

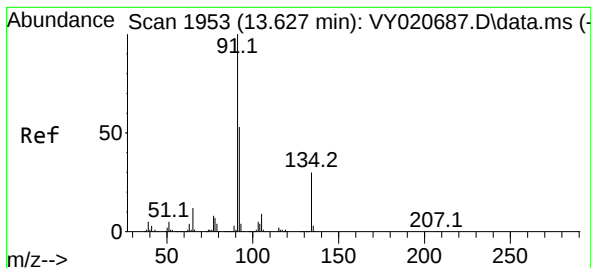
Tgt Ion:146 Resp: 143290
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.8
148 64.4 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 49.264 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.012 min
Lab File: VY020751.D
Acq: 30 Dec 2024 12:59

Tgt Ion:146 Resp: 141497
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.0
148 63.3 32.8 98.3





#89

n-Butylbenzene

Concen: 51.740 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

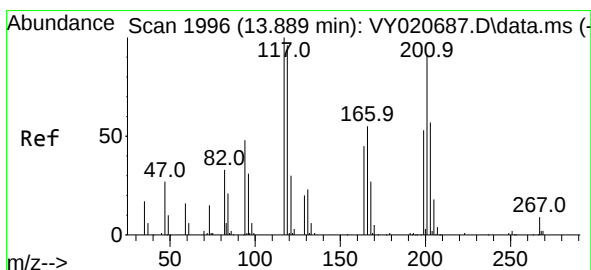
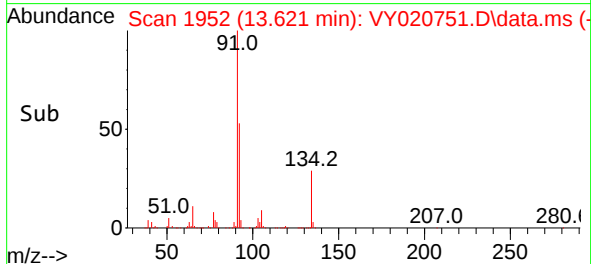
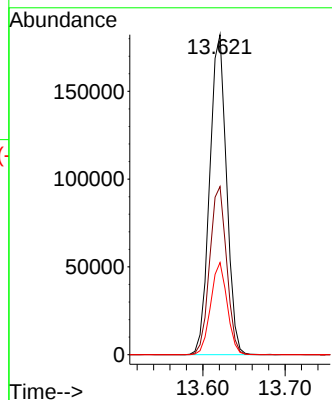
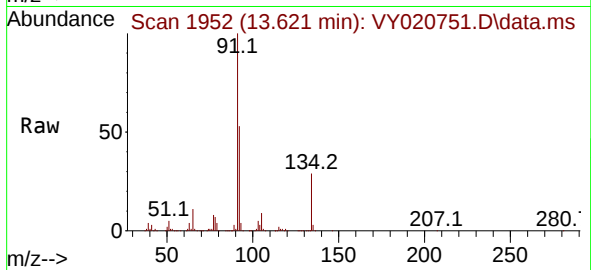
Tgt Ion: 91 Resp: 259027

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.2

134 28.2 14.8 44.4



#90

Hexachloroethane

Concen: 49.064 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020751.D

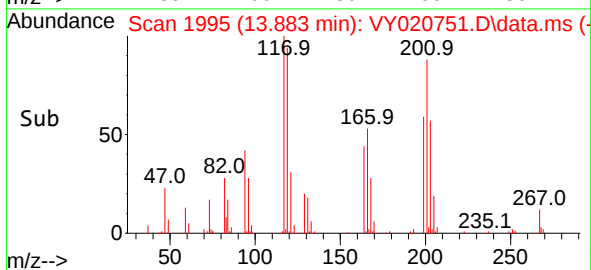
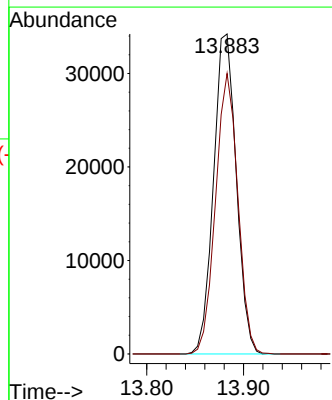
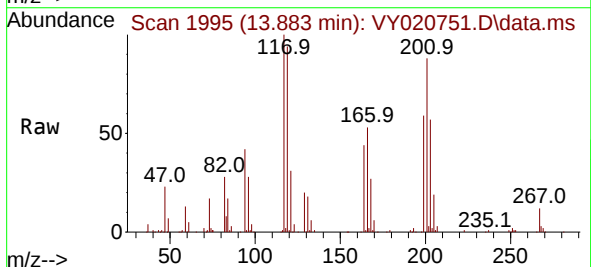
Acq: 30 Dec 2024 12:59

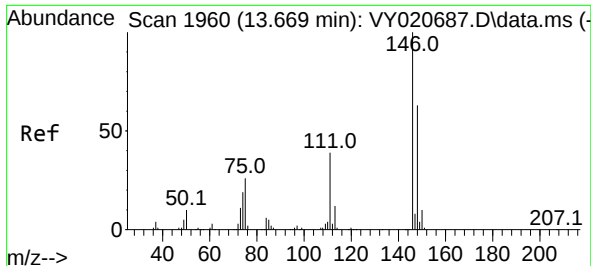
Tgt Ion: 117 Resp: 55954

Ion Ratio Lower Upper

117 100

201 85.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 49.608 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

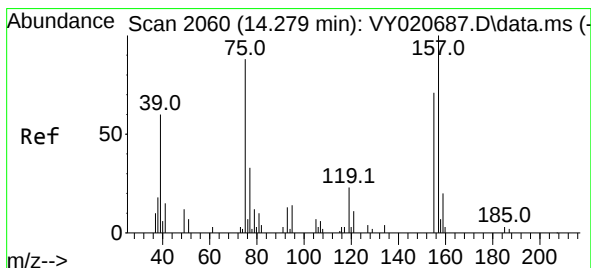
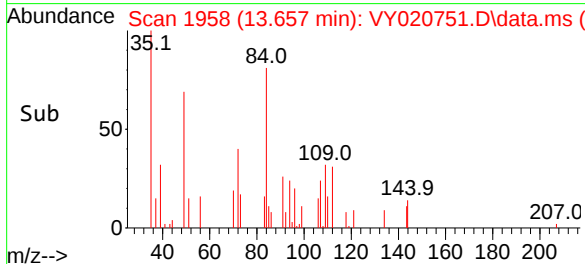
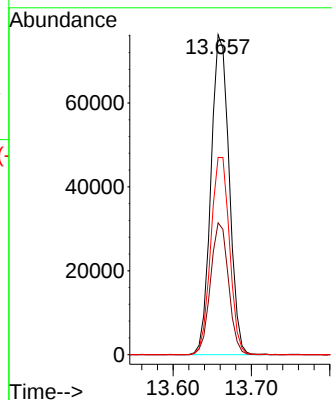
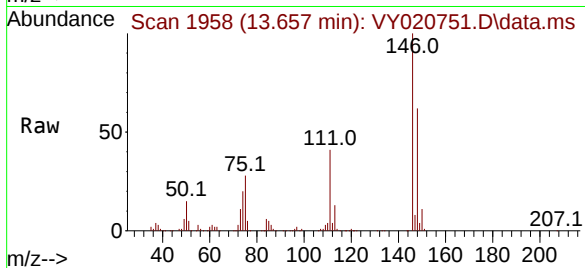
Tgt Ion:146 Resp: 122813

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.027 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

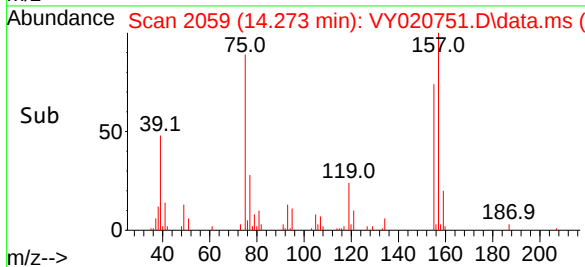
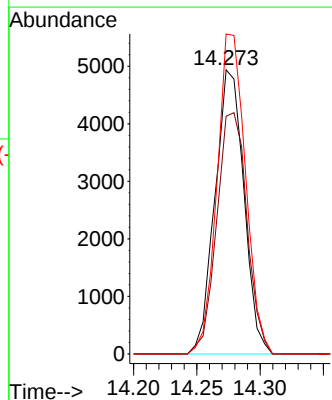
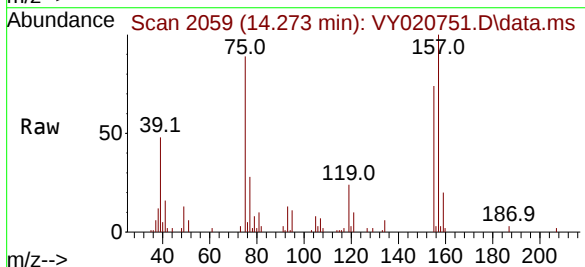
Tgt Ion: 75 Resp: 7823

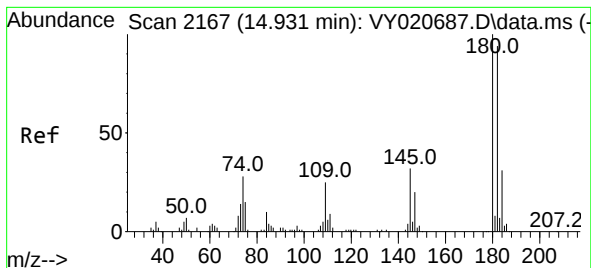
Ion Ratio Lower Upper

75 100

155 88.8 43.4 130.2

157 111.2 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 48.729 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

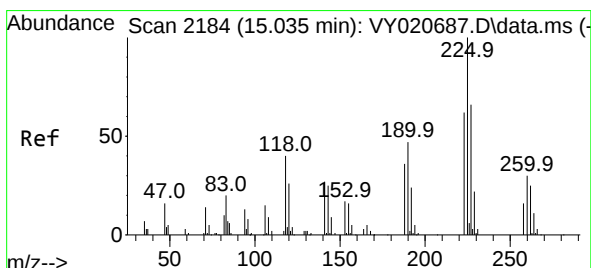
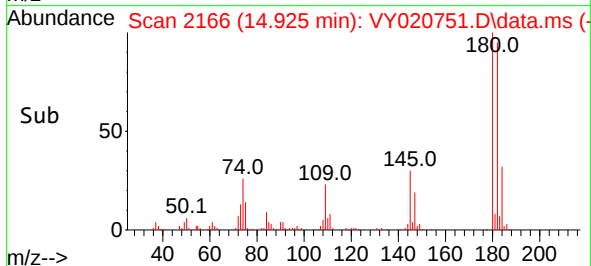
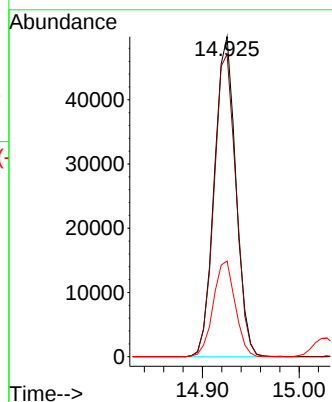
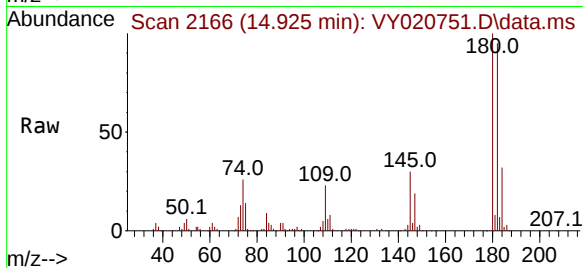
Tgt Ion:180 Resp: 76680

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 30.5 15.6 46.8



#94

Hexachlorobutadiene

Concen: 47.599 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

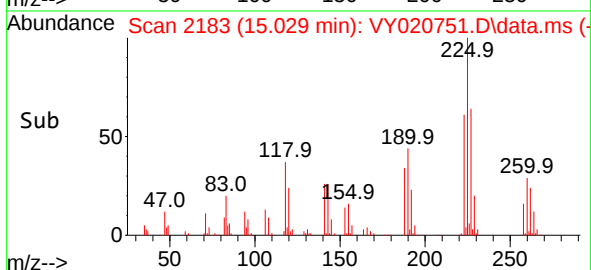
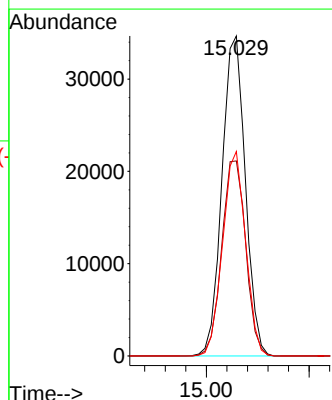
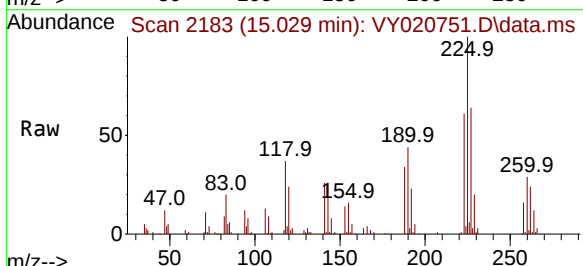
Tgt Ion:225 Resp: 54589

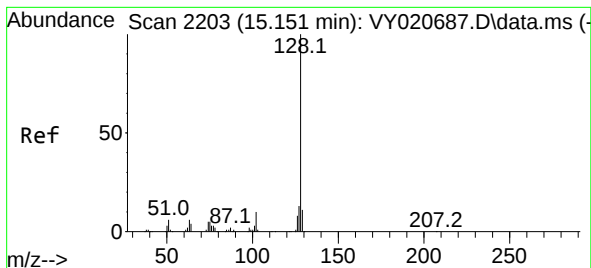
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 63.0 32.1 96.5





#95

Naphthalene

Concen: 48.233 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

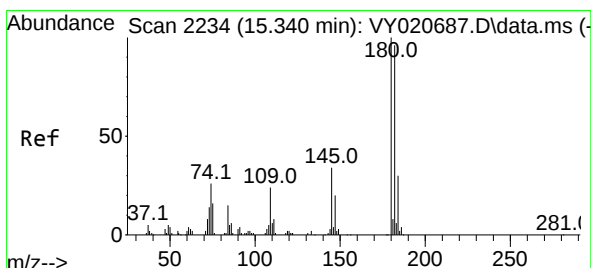
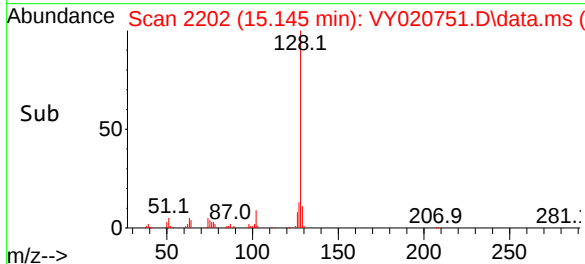
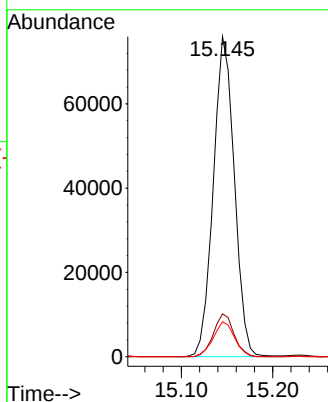
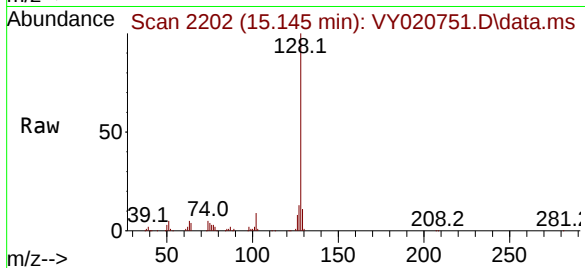
Tgt Ion:128 Resp: 121561

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.093 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020751.D

Acq: 30 Dec 2024 12:59

Tgt Ion:180 Resp: 63011

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 32.5 16.7 50.1

