

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021249.D
 Acq On : 20 Feb 2025 15:04
 Operator : SY/MD
 Sample : VY0220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:40:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	172220	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.634	114	267057	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	223487	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	107240	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	94874	53.767	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.540%	
35) Dibromofluoromethane	7.652	113	93524	54.645	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.122	98	348144	53.431	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.420	95	116527	54.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	39712	25.872	ug/l	95
3) Chloromethane	2.080	50	41200	27.201	ug/l	96
4) Vinyl Chloride	2.220	62	40829	26.781	ug/l	96
5) Bromomethane	2.611	94	21950	23.295	ug/l	97
6) Chloroethane	2.751	64	23052	25.401	ug/l	100
7) Trichlorofluoromethane	3.080	101	64145	23.095	ug/l	95
8) Diethyl Ether	3.470	74	17610	20.310	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.848	101	38196	21.911	ug/l	96
10) Methyl Iodide	4.025	142	39293	20.289	ug/l	94
11) Tert butyl alcohol	4.909	59	10737	89.794	ug/l #	91
12) 1,1-Dichloroethene	3.812	96	35824	21.816	ug/l	89
13) Acrolein	3.671	56	14550	79.020	ug/l	97
14) Allyl chloride	4.409	41	60146	21.733	ug/l	93
15) Acrylonitrile	5.092	53	34553	95.698	ug/l	98
16) Acetone	3.897	43	25615	93.086	ug/l	99
17) Carbon Disulfide	4.135	76	115339	22.400	ug/l	99
18) Methyl Acetate	4.415	43	18205	18.846	ug/l	95
19) Methyl tert-butyl Ether	5.141	73	82171	19.798	ug/l	97
20) Methylene Chloride	4.641	84	38088	22.265	ug/l	96
21) trans-1,2-Dichloroethene	5.141	96	38257	21.165	ug/l	95
22) Diisopropyl ether	6.043	45	124970	21.908	ug/l	96
23) Vinyl Acetate	5.988	43	329909	103.746	ug/l	96
24) 1,1-Dichloroethane	5.945	63	70859	21.202	ug/l	98
25) 2-Butanone	6.921	43	42508	94.005	ug/l	100
26) 2,2-Dichloropropane	6.909	77	65508	21.183	ug/l	97
27) cis-1,2-Dichloroethene	6.915	96	42046	20.209	ug/l	88
28) Bromochloromethane	7.268	49	27988	21.178	ug/l	96
29) Tetrahydrofuran	7.287	42	29056	94.961	ug/l	92
30) Chloroform	7.439	83	70342	20.491	ug/l	99
31) Cyclohexane	7.720	56	69230	23.003	ug/l	93
32) 1,1,1-Trichloroethane	7.640	97	67272	21.078	ug/l	99
36) 1,1-Dichloropropene	7.854	75	53953	21.283	ug/l	99
37) Ethyl Acetate	7.012	43	20448	18.387	ug/l	98
38) Carbon Tetrachloride	7.841	117	60947	20.576	ug/l	99
39) Methylcyclohexane	9.128	83	68191	21.992	ug/l	94
40) Benzene	8.098	78	158090	21.251	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	12190	18.947	ug/l	95
42) 1,2-Dichloroethane	8.177	62	41553	20.135	ug/l	98
43) Isopropyl Acetate	8.213	43	42790	19.364	ug/l #	86
44) Trichloroethene	8.884	130	39895	20.757	ug/l	97
45) 1,2-Dichloropropane	9.158	63	36751	20.813	ug/l	98
46) Dibromomethane	9.250	93	18970	19.404	ug/l	95
47) Bromodichloromethane	9.439	83	52357	19.968	ug/l	98
48) Methyl methacrylate	9.238	41	20188	20.057	ug/l	92
49) 1,4-Dioxane	9.256	88	2905	319.191	ug/l #	83
51) 4-Methyl-2-Pentanone	10.012	43	102999	92.691	ug/l	97
52) Toluene	10.189	92	97490	20.871	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	46814	19.884	ug/l	95
54) cis-1,3-Dichloropropene	9.872	75	57133	20.495	ug/l #	90
55) 1,1,2-Trichloroethane	10.591	97	24676	19.491	ug/l	98
56) Ethyl methacrylate	10.457	69	31300	18.481	ug/l #	87
57) 1,3-Dichloropropane	10.731	76	42924	19.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	82647	102.574	ug/l	99
59) 2-Hexanone	10.774	43	64224	89.766	ug/l	95
60) Dibromochloromethane	10.926	129	34494	19.402	ug/l	98
61) 1,2-Dibromoethane	11.030	107	22794	19.222	ug/l	99
64) Tetrachloroethene	10.664	164	34969	21.078	ug/l	94
65) Chlorobenzene	11.457	112	99995	20.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.530	131	35296	19.959	ug/l	97
67) Ethyl Benzene	11.536	91	181630	20.636	ug/l	99
68) m/p-Xylenes	11.646	106	138119	41.946	ug/l	97
69) o-Xylene	11.969	106	62918	20.495	ug/l	95
70) Styrene	11.987	104	104956	20.513	ug/l	98
71) Bromoform	12.146	173	18446	18.739	ug/l #	94
73) Isopropylbenzene	12.267	105	172527	20.595	ug/l	100
74) N-amyl acetate	12.085	43	34291	18.723	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.524	83	26282	18.865	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	35748	36.748	ug/l #	100
77) Bromobenzene	12.548	156	38115	19.717	ug/l	93
78) n-propylbenzene	12.609	91	207365	20.780	ug/l	99
79) 2-Chlorotoluene	12.694	91	115735	20.250	ug/l	100
80) 1,3,5-Trimethylbenzene	12.755	105	138726	20.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	8612	18.064	ug/l	95
82) 4-Chlorotoluene	12.792	91	119143	20.460	ug/l	99
83) tert-Butylbenzene	13.011	119	123082	19.937	ug/l	96
84) 1,2,4-Trimethylbenzene	13.060	105	134824	20.302	ug/l	98
85) sec-Butylbenzene	13.188	105	181763	20.454	ug/l	99
86) p-Isopropyltoluene	13.304	119	149881	20.304	ug/l	98
87) 1,3-Dichlorobenzene	13.304	146	73300	19.638	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	72127	19.626	ug/l	96
89) n-Butylbenzene	13.633	91	136509	20.271	ug/l	99
90) Hexachloroethane	13.895	117	30303	19.678	ug/l	86
91) 1,2-Dichlorobenzene	13.676	146	63891	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	3723	17.882	ug/l	96
93) 1,2,4-Trichlorobenzene	14.938	180	33243	18.435	ug/l	99
94) Hexachlorobutadiene	15.041	225	23052	19.290	ug/l	99
95) Naphthalene	15.163	128	49292	17.085	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	27363	18.233	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

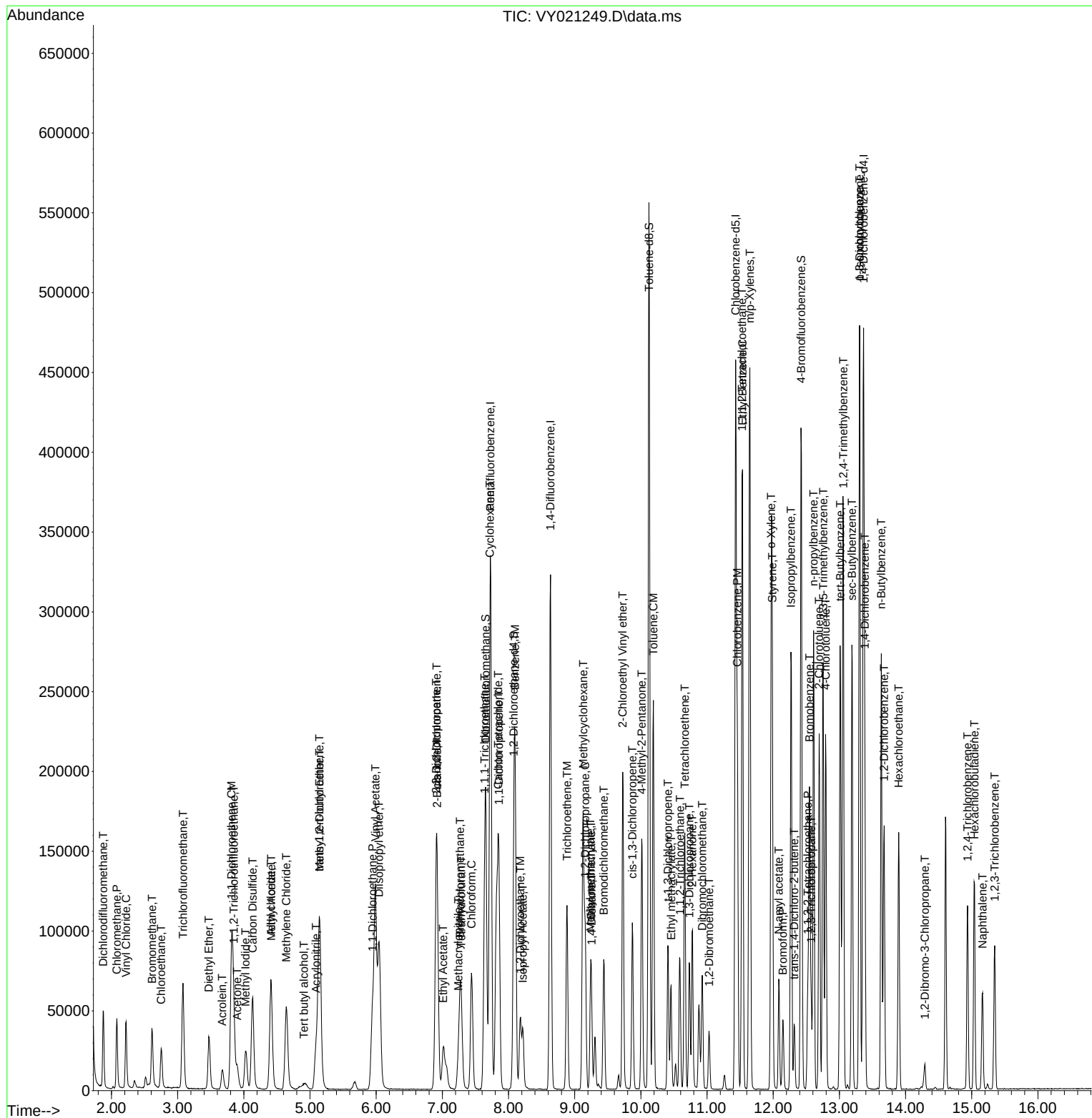
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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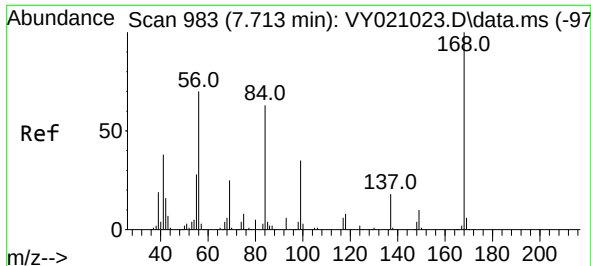
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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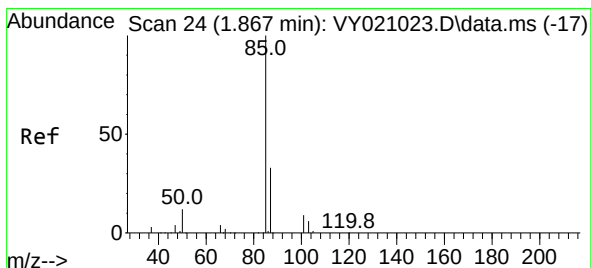
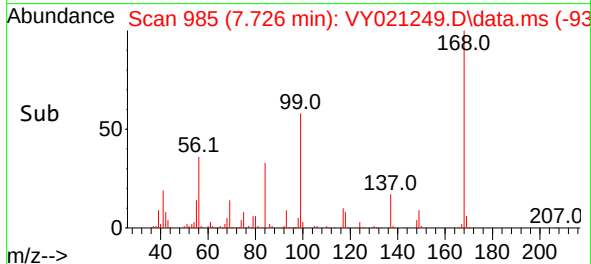
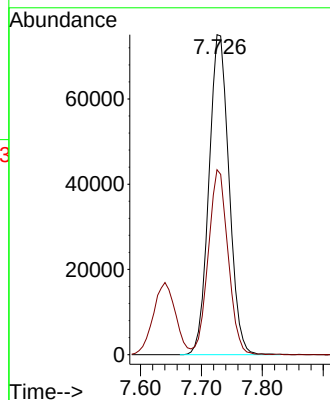
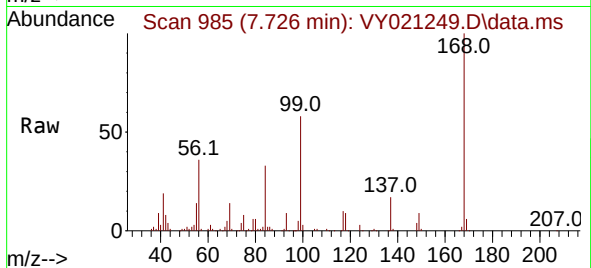




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY021249.D
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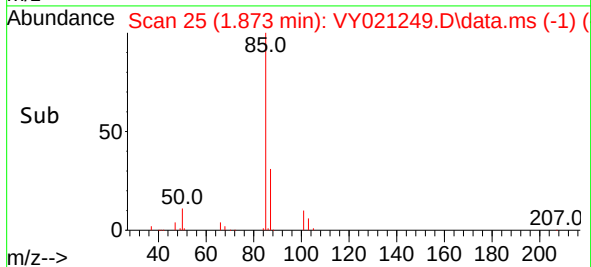
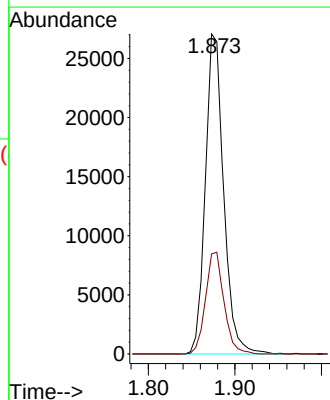
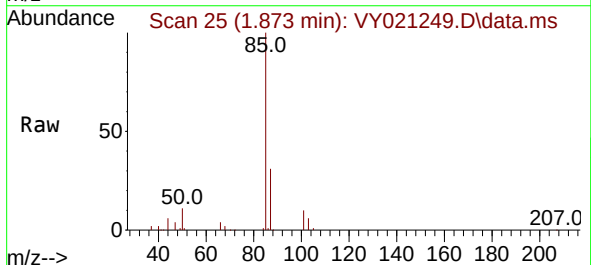
Instrument :
MSVOA_Y
ClientSampleId :

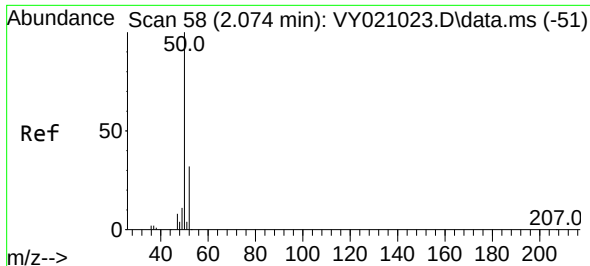
Tgt Ion:168 Resp: 172220
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 25.872 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 85 Resp: 39712
Ion Ratio Lower Upper
85 100
87 31.2 17.1 51.3

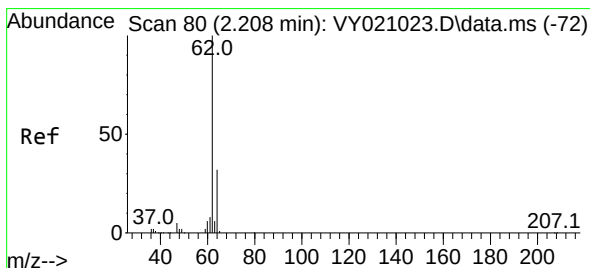
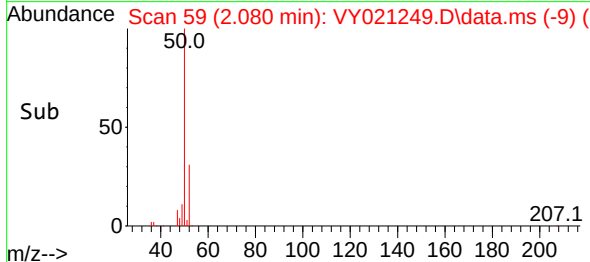
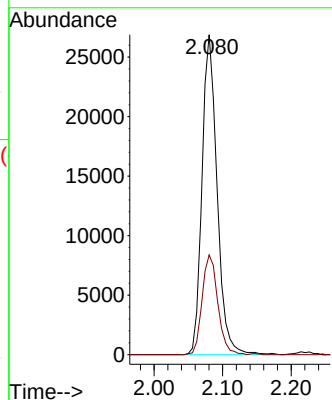
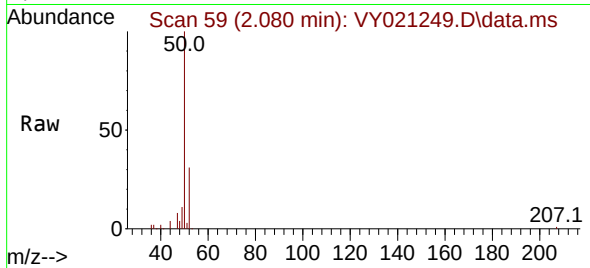




#3
Chloromethane
Concen: 27.201 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

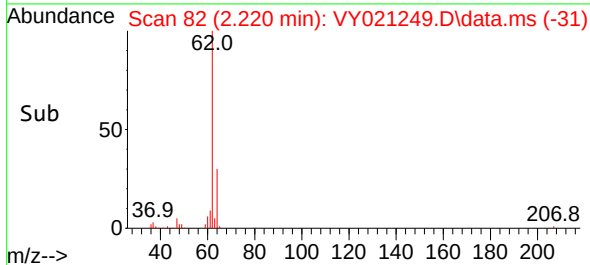
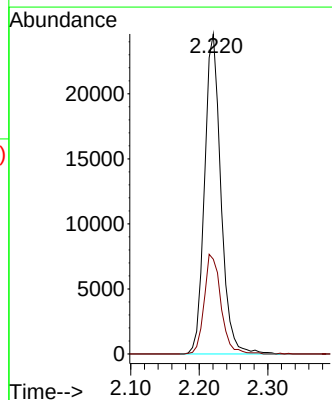
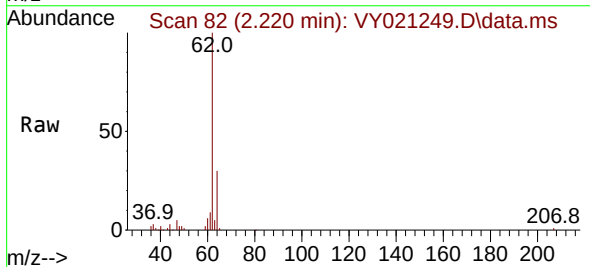
Instrument :
MSVOA_Y
ClientSampleId :

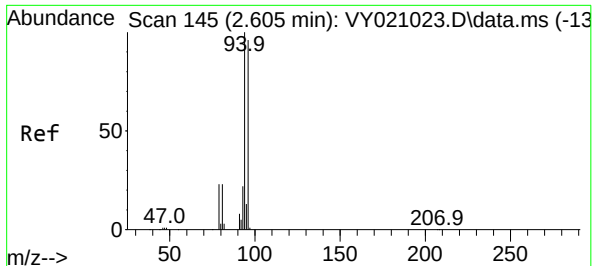
Tgt Ion: 50 Resp: 41200
Ion Ratio Lower Upper
50 100
52 31.2 26.7 40.1



#4
Vinyl Chloride
Concen: 26.781 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 62 Resp: 40829
Ion Ratio Lower Upper
62 100
64 29.6 25.7 38.5

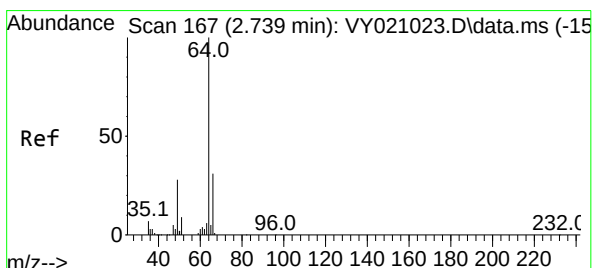
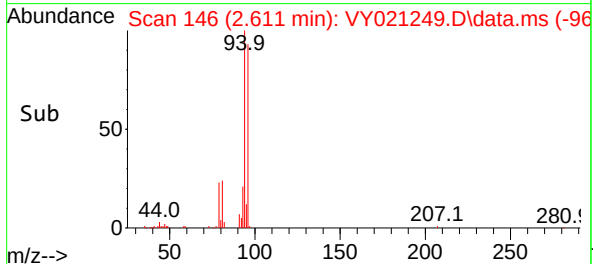
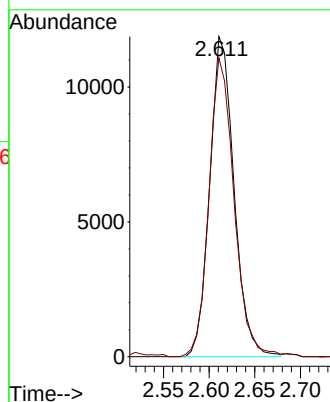
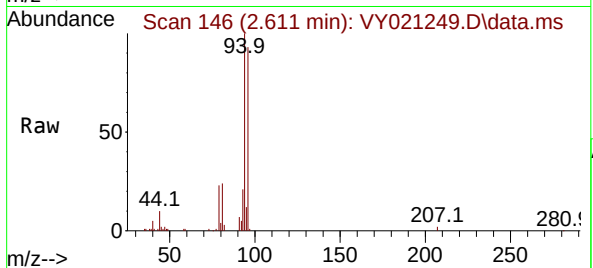




#5
Bromomethane
Concen: 23.295 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

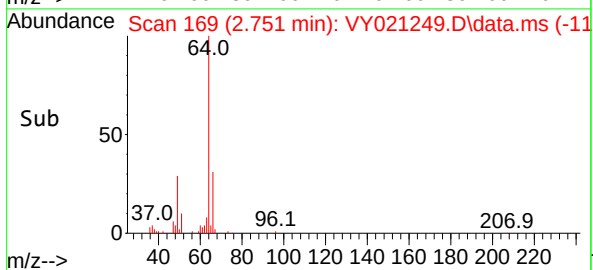
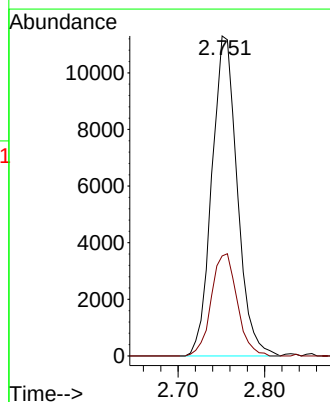
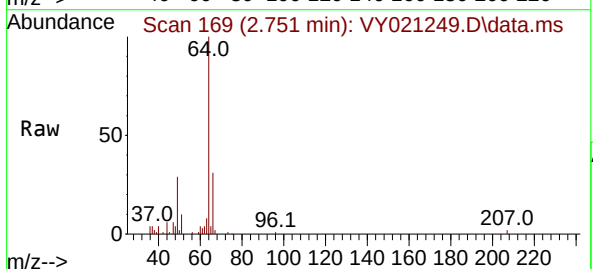
Instrument :
MSVOA_Y
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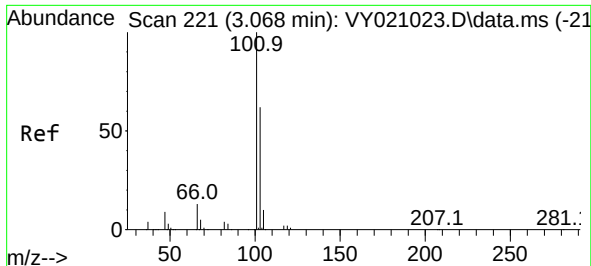
Tgt Ion: 94 Resp: 21950
Ion Ratio Lower Upper
94 100
96 93.3 77.3 115.9



#6
Chloroethane
Concen: 25.401 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 64 Resp: 23052
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

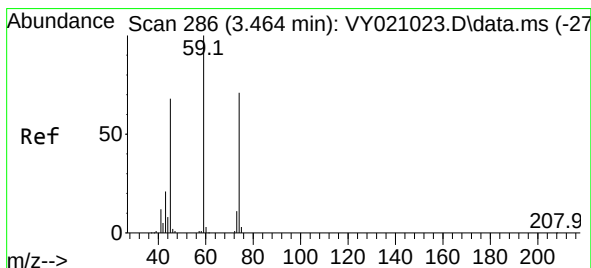
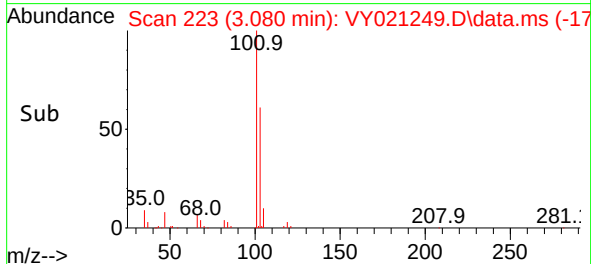
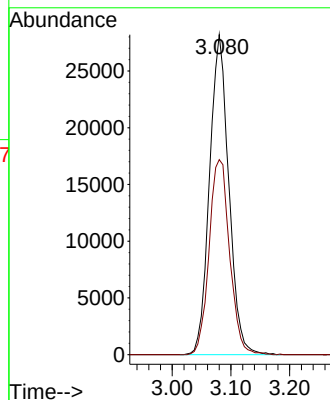
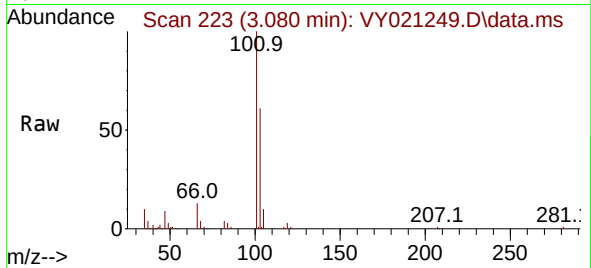




#7
Trichlorofluoromethane
Concen: 23.095 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

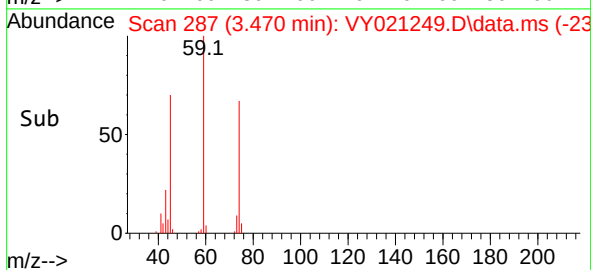
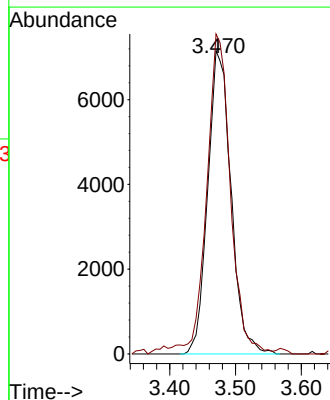
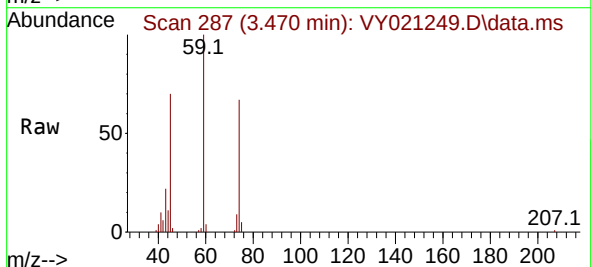
Instrument :
MSVOA_Y
ClientSampleId :

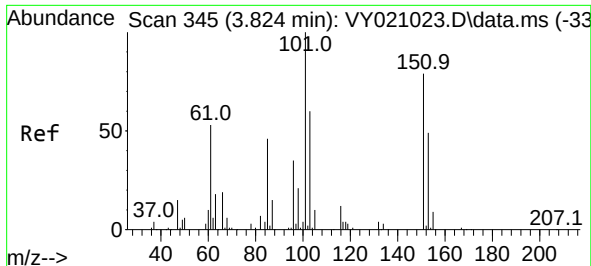
Tgt Ion:101 Resp: 64145
Ion Ratio Lower Upper
101 100
103 61.0 51.9 77.9



#8
Diethyl Ether
Concen: 20.310 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 74 Resp: 17610
Ion Ratio Lower Upper
74 100
45 109.0 47.9 143.7

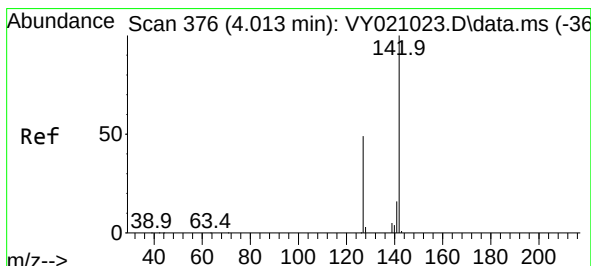
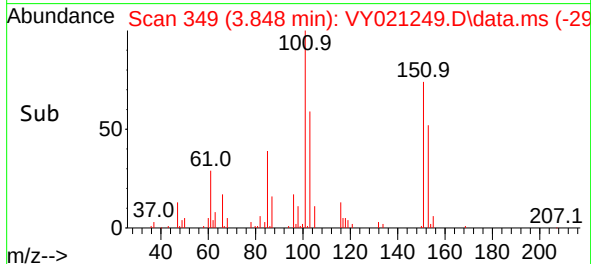
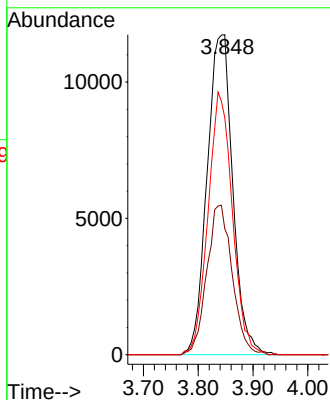
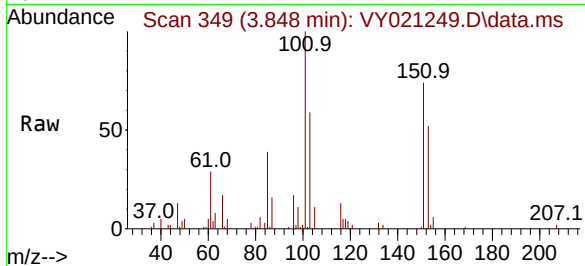




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.911 ug/l
RT: 3.848 min Scan# 34
Delta R.T. 0.024 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

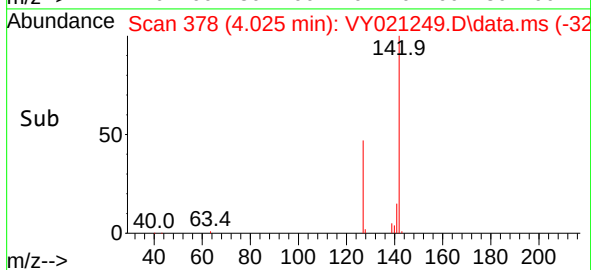
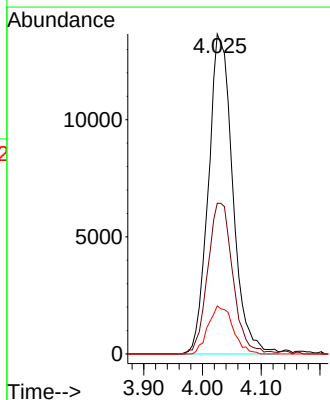
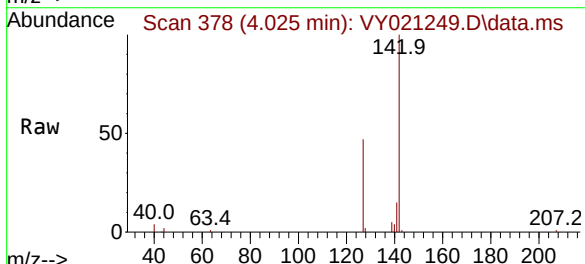
Instrument :
MSVOA_Y
ClientSampleId :

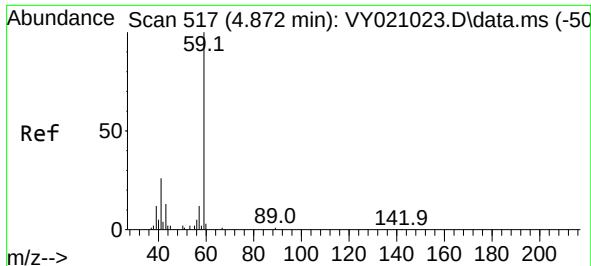
Tgt Ion:101 Resp: 38196
Ion Ratio Lower Upper
101 100
85 46.1 35.8 53.6
151 77.7 58.6 88.0



#10
Methyl Iodide
Concen: 20.289 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion:142 Resp: 39293
Ion Ratio Lower Upper
142 100
127 48.9 35.1 52.7
141 15.2 11.8 17.6

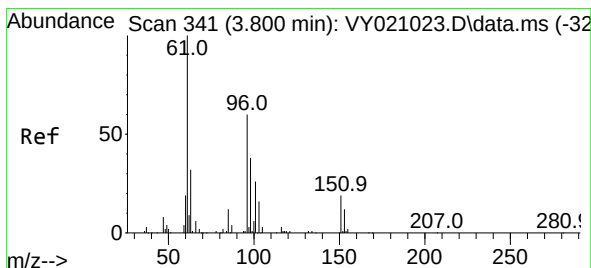
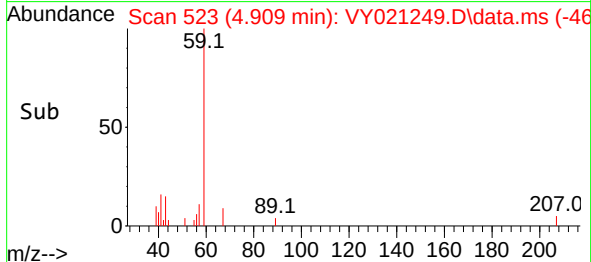
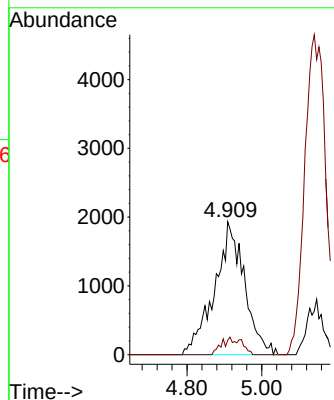
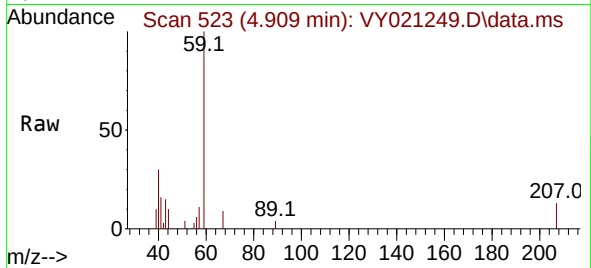




#11
Tert butyl alcohol
Concen: 89.794 ug/l
RT: 4.909 min Scan# 517
Delta R.T. 0.037 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

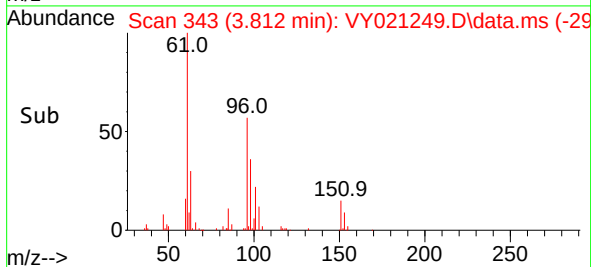
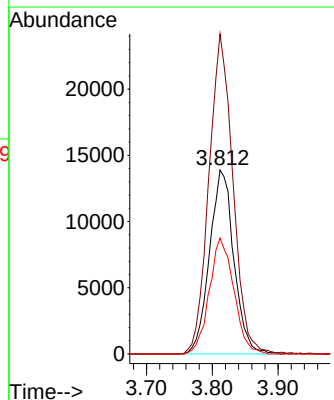
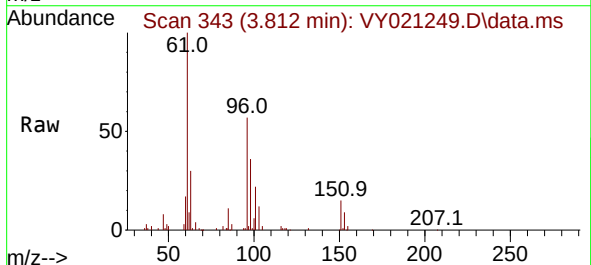
Instrument :
MSVOA_Y
ClientSampleId :

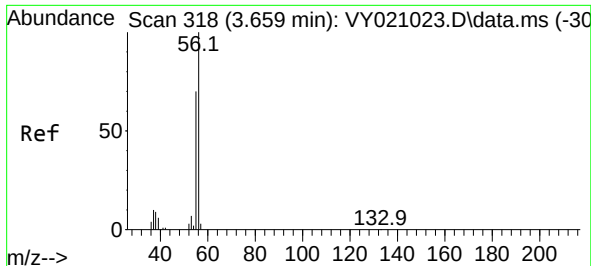
Tgt Ion: 59 Resp: 10737
Ion Ratio Lower Upper
59 100
57 5.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 21.816 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 96 Resp: 35824
Ion Ratio Lower Upper
96 100
61 173.9 124.2 186.2
98 63.0 52.6 79.0





#13

Acrolein

Concen: 79.020 ug/l

RT: 3.671 min Scan# 318

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

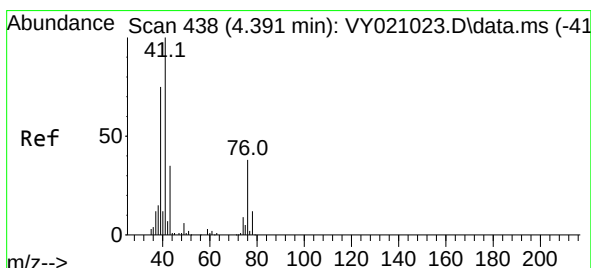
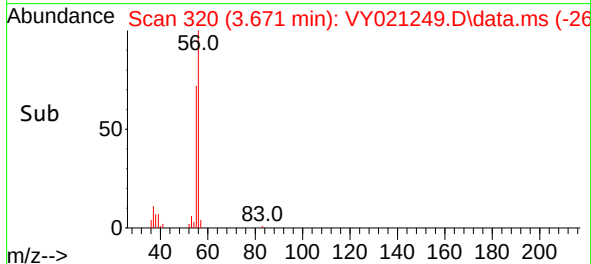
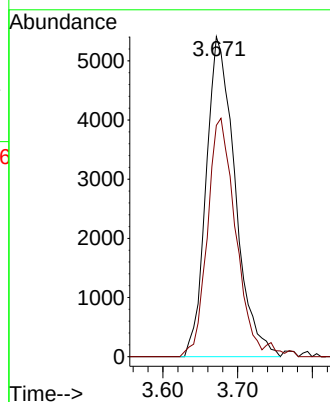
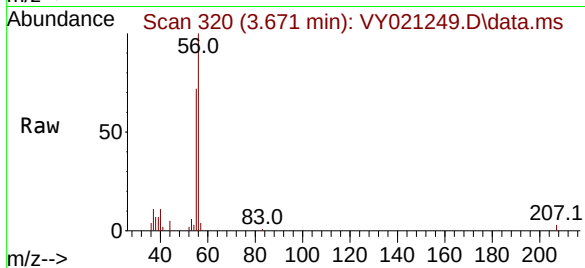
ClientSampleId :

Tgt Ion: 56 Resp: 14550

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.0



#14

Allyl chloride

Concen: 21.733 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

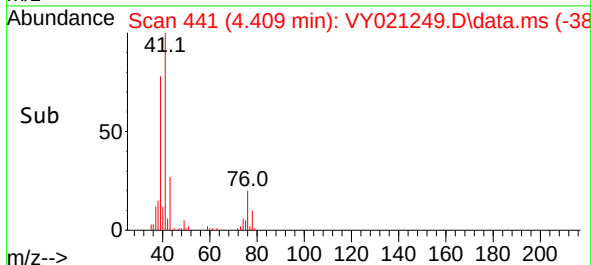
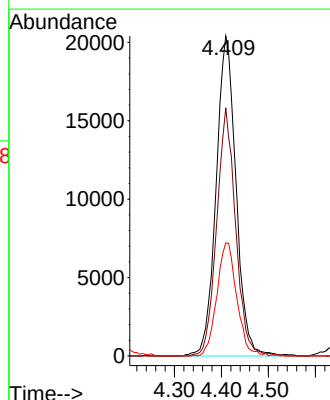
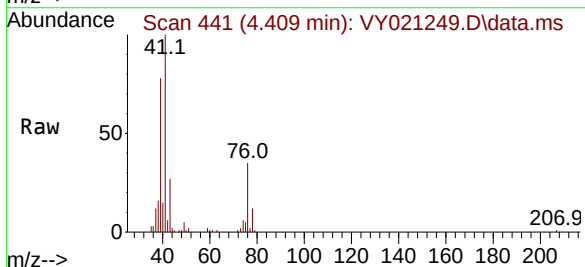
Tgt Ion: 41 Resp: 60146

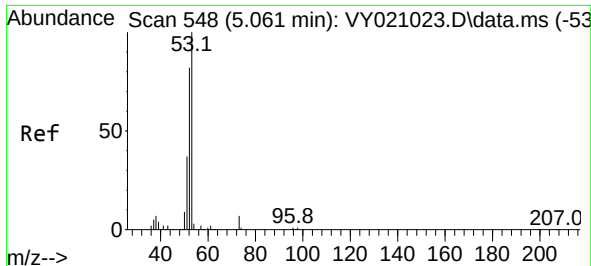
Ion Ratio Lower Upper

41 100

39 73.7 54.7 82.1

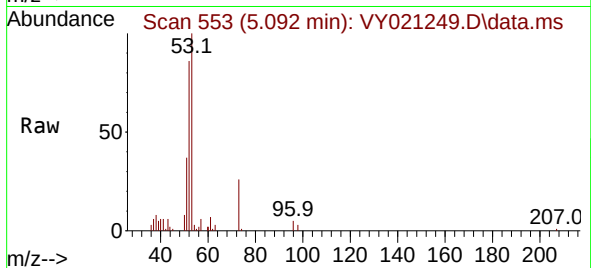
76 35.4 31.8 47.6



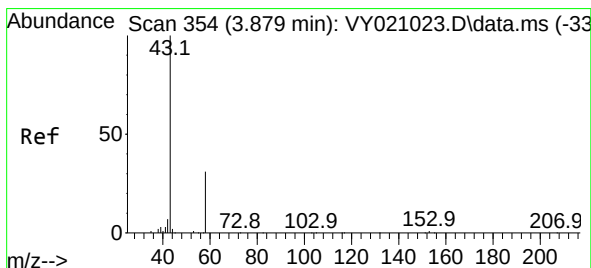
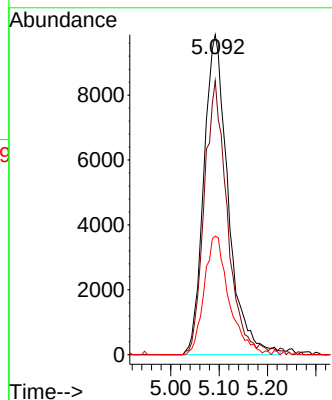
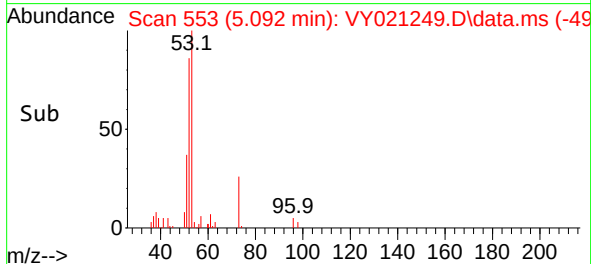


#15
Acrylonitrile
Concen: 95.698 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.030 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

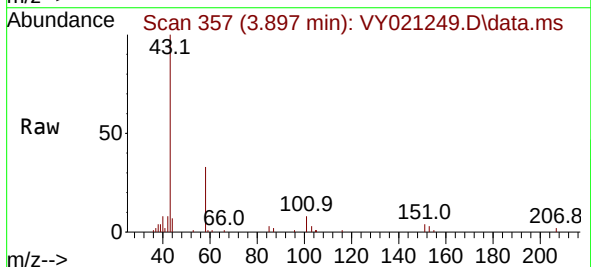
Instrument :
MSVOA_Y
ClientSampleId :



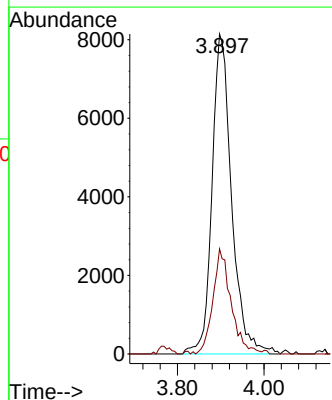
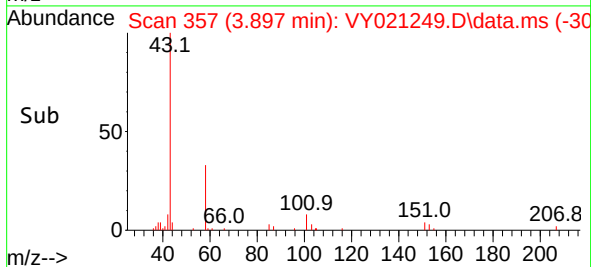
Tgt Ion: 53 Resp: 34553
Ion Ratio Lower Upper
53 100
52 79.9 65.1 97.7
51 37.9 29.0 43.4

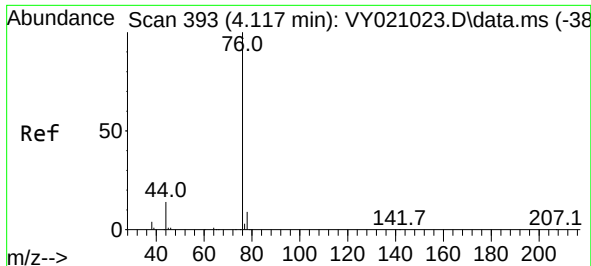


#16
Acetone
Concen: 93.086 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04



Tgt Ion: 43 Resp: 25615
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8

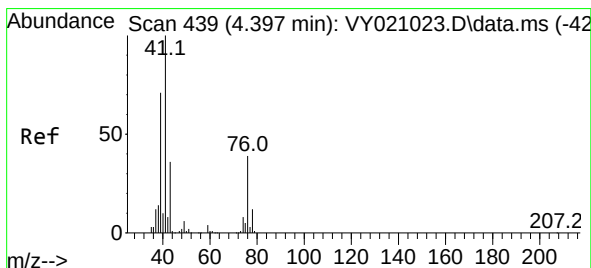
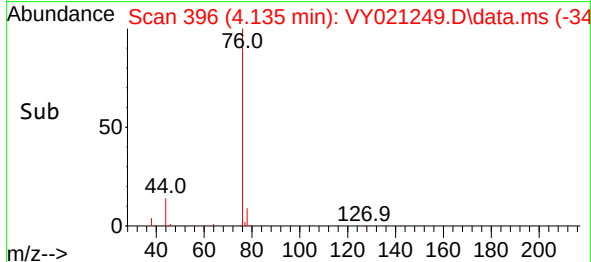
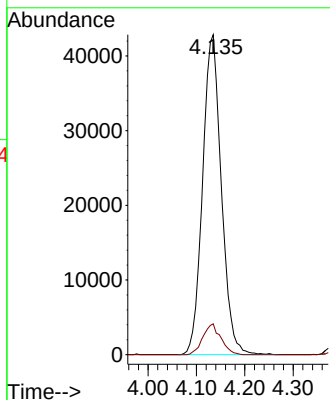
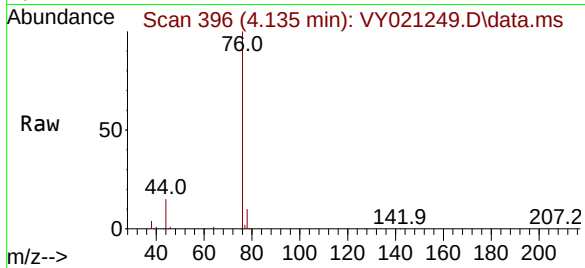




#17
Carbon Disulfide
Concen: 22.400 ug/l
RT: 4.135 min Scan# 396
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

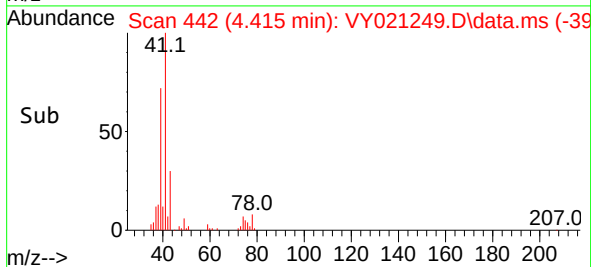
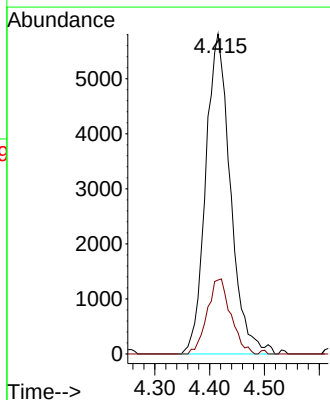
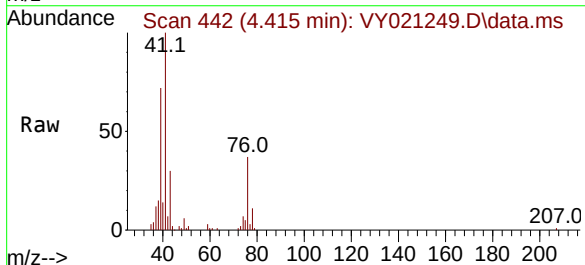
Instrument :
MSVOA_Y
ClientSampleId :

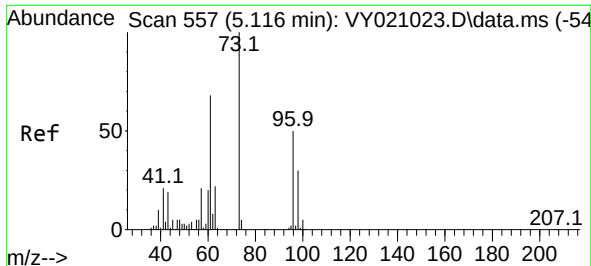
Tgt Ion: 76 Resp: 115339
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 18.846 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 18205
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.798 ug/l

RT: 5.141 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

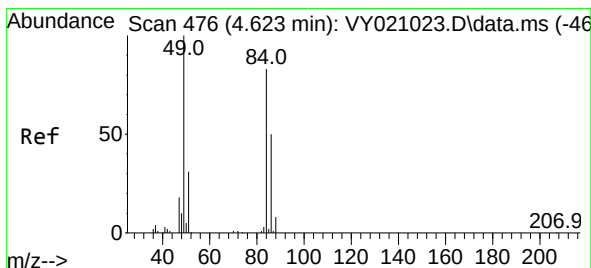
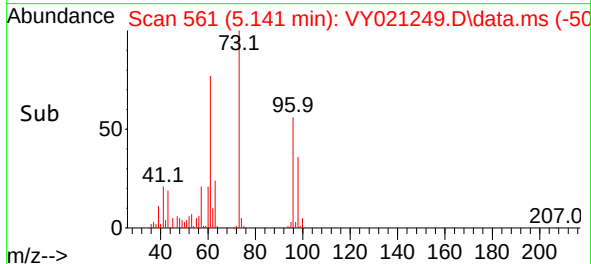
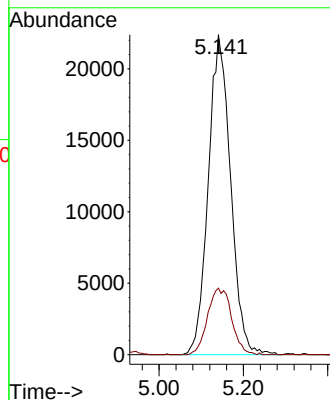
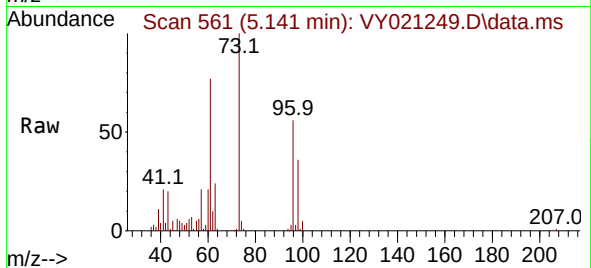
ClientSampleId :

Tgt Ion: 73 Resp: 82171

Ion Ratio Lower Upper

73 100

57 20.8 17.7 26.5



#20

Methylene Chloride

Concen: 22.265 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Tgt Ion: 84 Resp: 38088

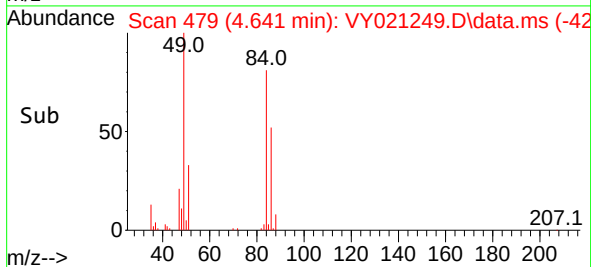
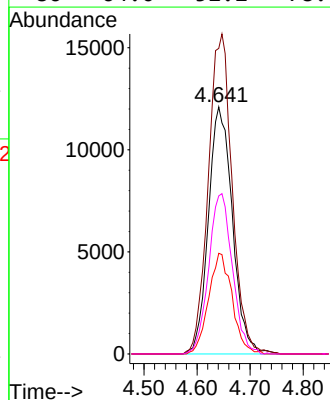
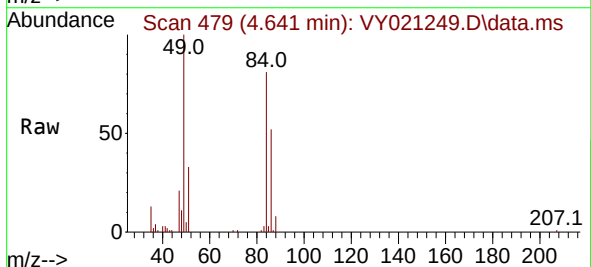
Ion Ratio Lower Upper

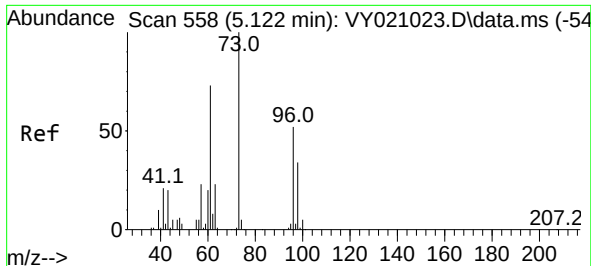
84 100

49 123.7 95.2 142.8

51 40.7 29.9 44.9

86 64.0 52.2 78.4

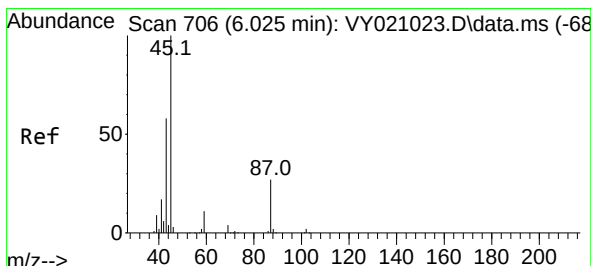
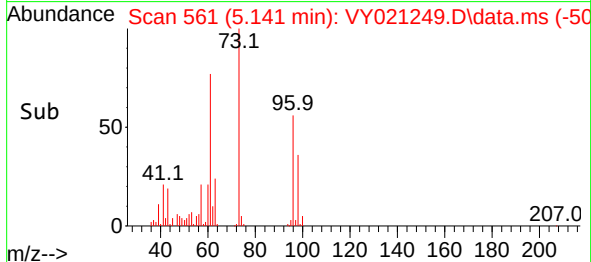
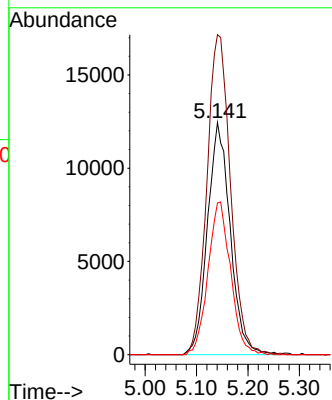
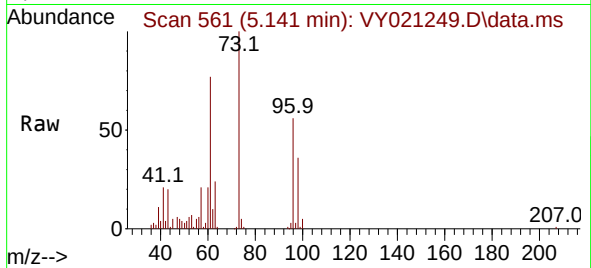




#21
trans-1,2-Dichloroethene
Concen: 21.165 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

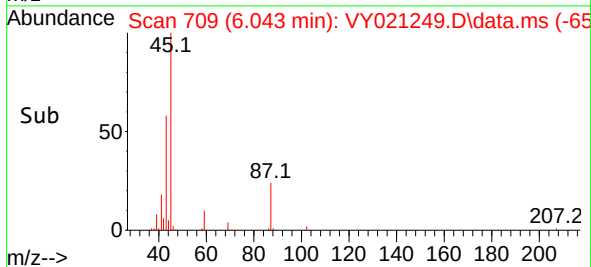
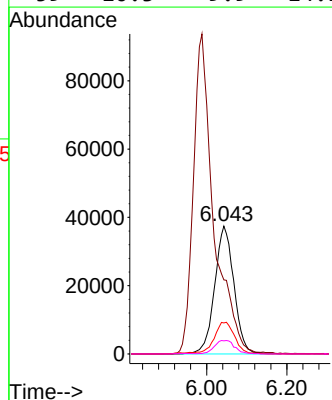
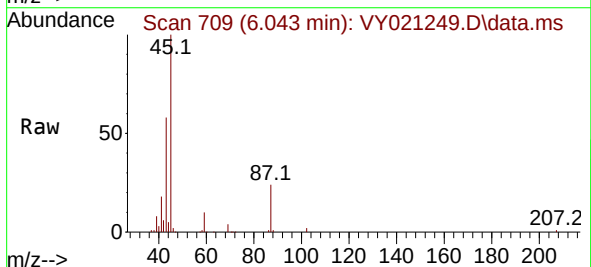
Instrument :
MSVOA_Y
ClientSampleId :

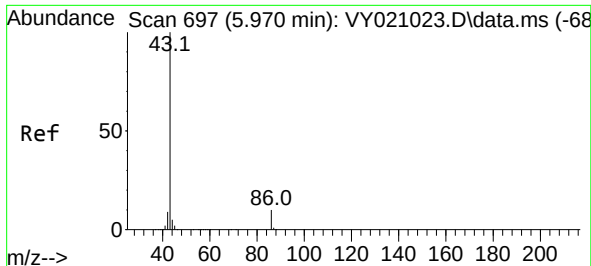
Tgt Ion: 96 Resp: 38257
Ion Ratio Lower Upper
96 100
61 137.8 104.6 156.8
98 65.3 50.9 76.3



#22
Diisopropyl ether
Concen: 21.908 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 45 Resp: 124970
Ion Ratio Lower Upper
45 100
43 57.1 46.8 70.2
87 24.3 22.2 33.2
59 10.3 9.9 14.9





#23

Vinyl Acetate

Concen: 103.746 ug/l

RT: 5.988 min Scan# 700

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

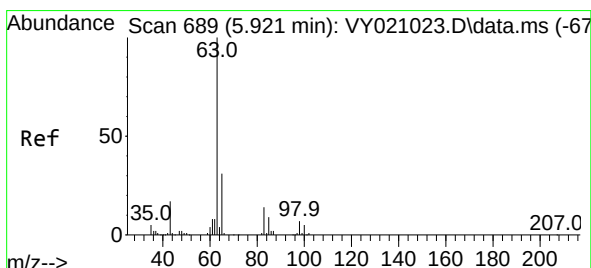
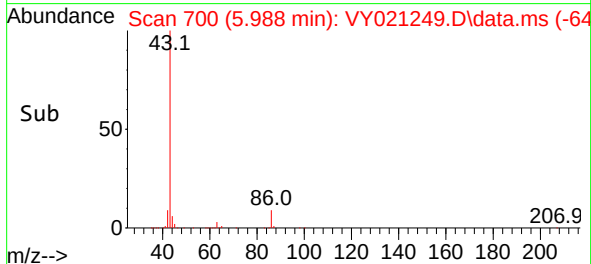
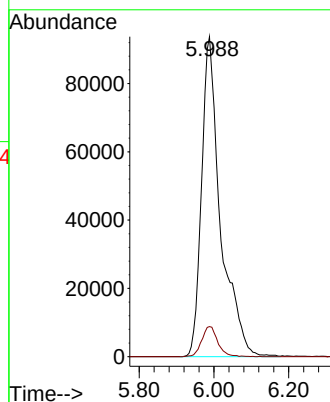
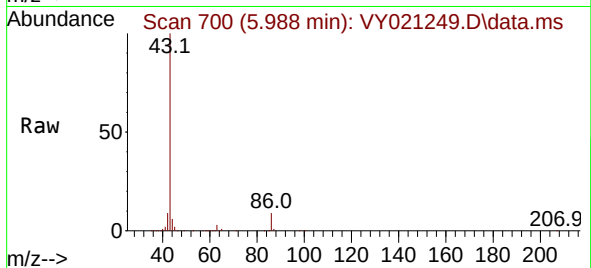
ClientSampleId :

Tgt Ion: 43 Resp: 329909

Ion Ratio Lower Upper

43 100

86 9.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.202 ug/l

RT: 5.945 min Scan# 693

Delta R.T. 0.024 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

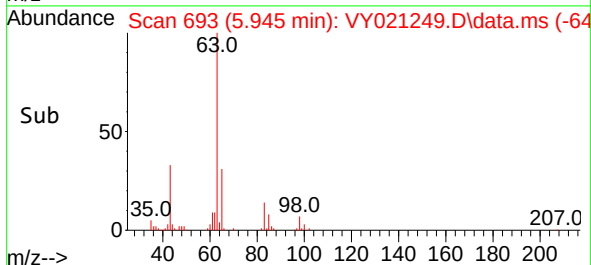
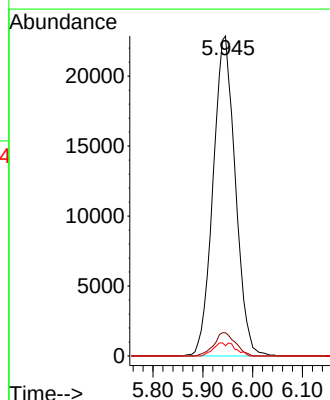
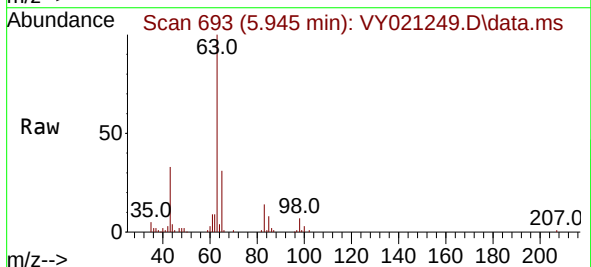
Tgt Ion: 63 Resp: 70859

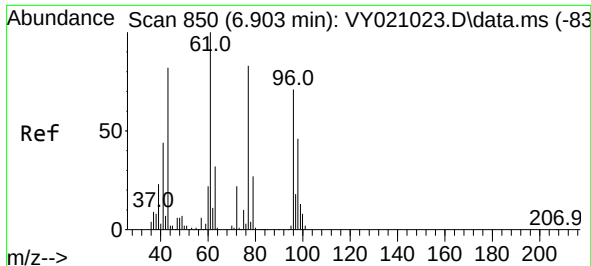
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 3.2 2.1 6.2





#25

2-Butanone

Concen: 94.005 ug/l

RT: 6.921 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

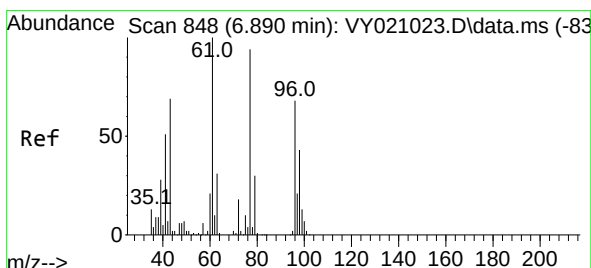
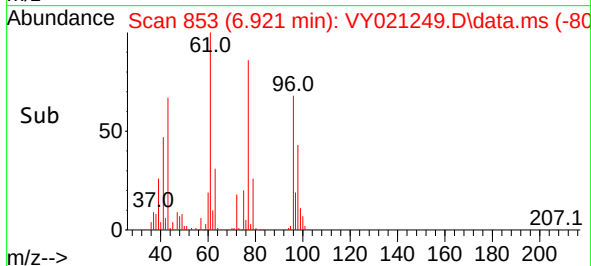
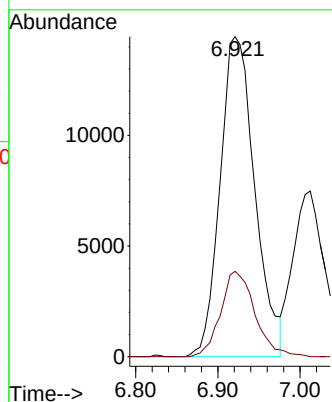
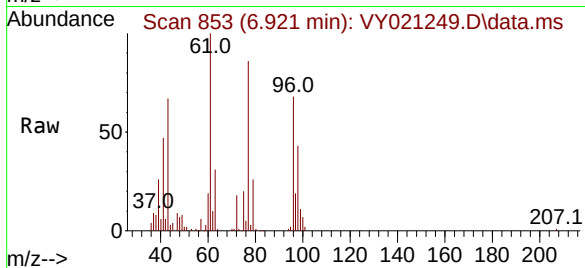
ClientSampleId :

Tgt Ion: 43 Resp: 42508

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.183 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY021249.D

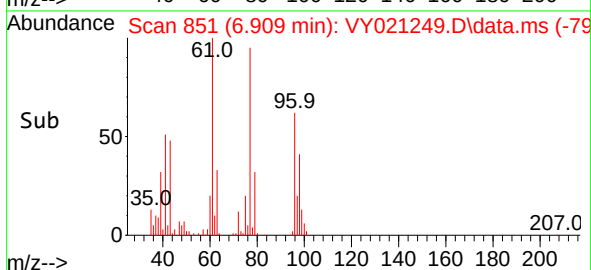
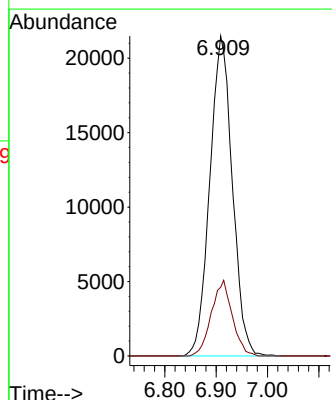
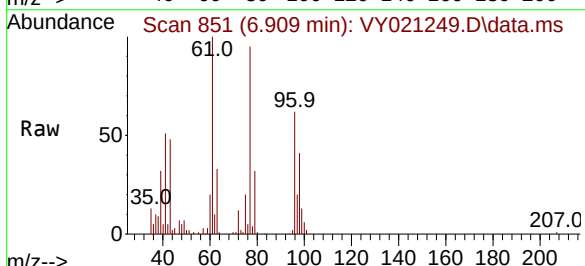
Acq: 20 Feb 2025 15:04

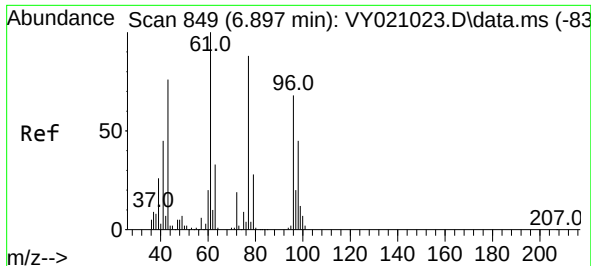
Tgt Ion: 77 Resp: 65508

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.209 ug/l

RT: 6.915 min Scan# 81

Delta R.T. 0.018 min

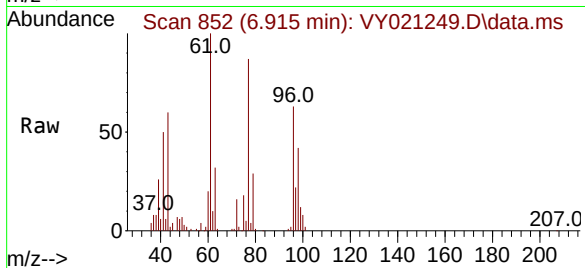
Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :



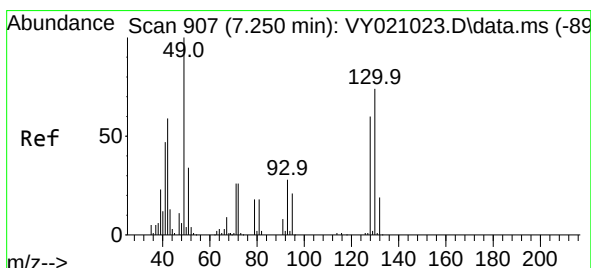
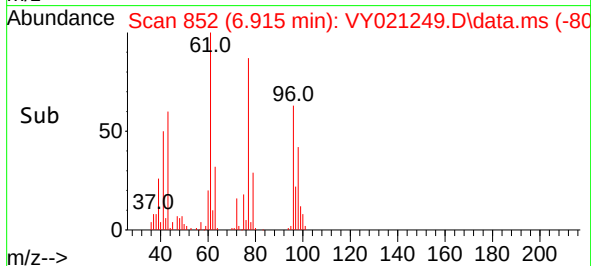
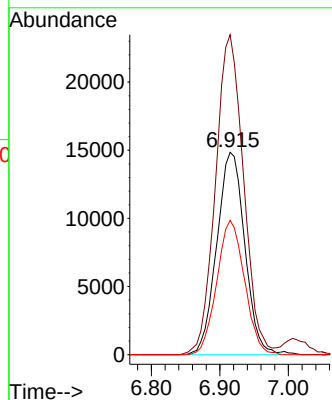
Tgt Ion: 96 Resp: 42046

Ion Ratio Lower Upper

96 100

61 158.1 0.0 278.8

98 65.7 0.0 127.0



#28

Bromochloromethane

Concen: 21.178 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

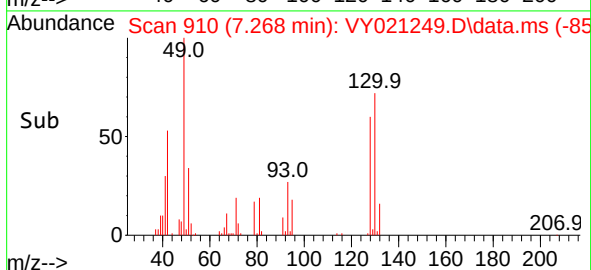
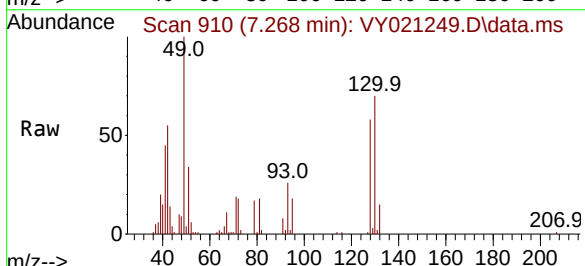
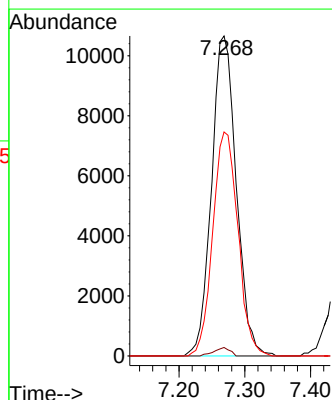
Tgt Ion: 49 Resp: 27988

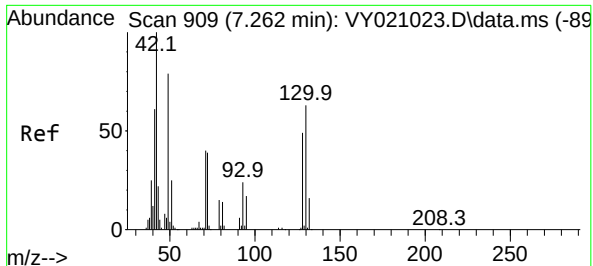
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 71.0 59.8 89.8

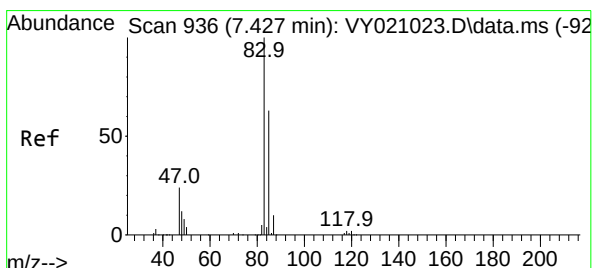
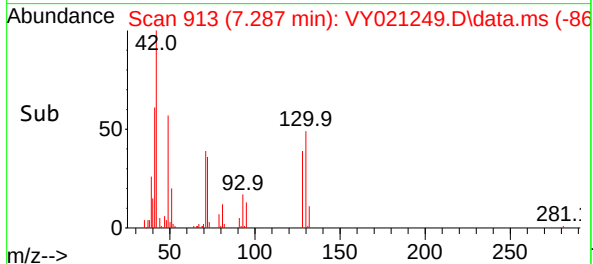
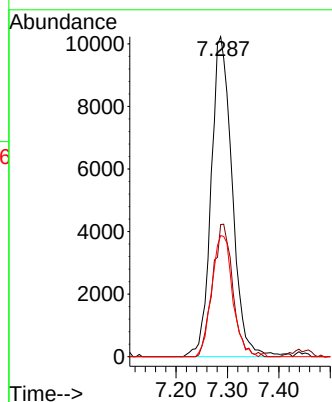
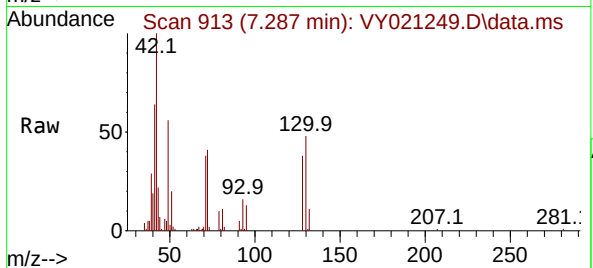




#29
Tetrahydrofuran
Concen: 94.961 ug/l
RT: 7.287 min Scan# 913
Delta R.T. 0.024 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

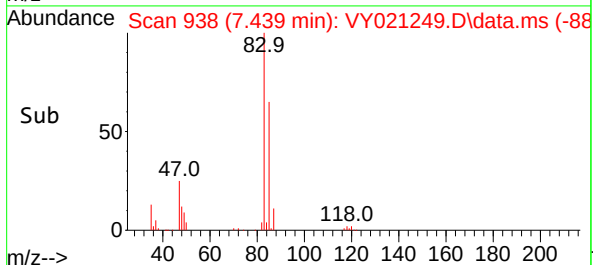
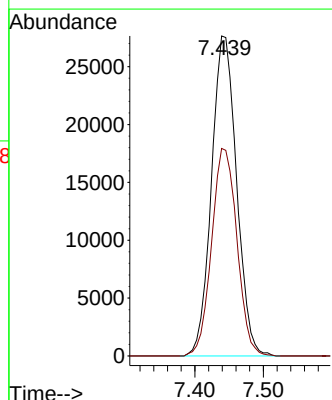
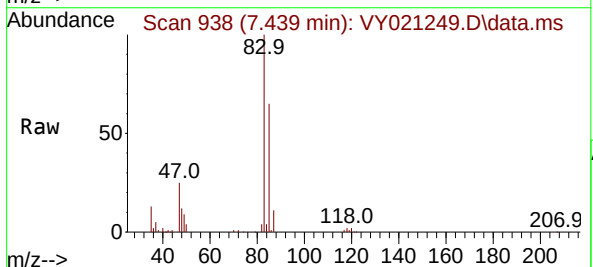
Instrument :
MSVOA_Y
ClientSampleId :

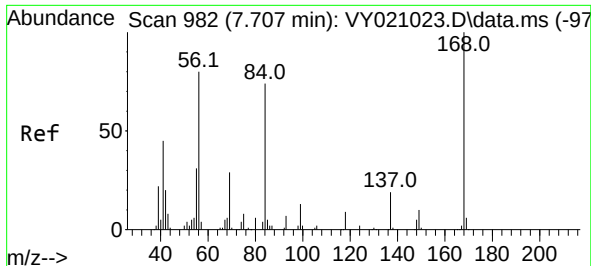
Tgt Ion: 42 Resp: 29056
Ion Ratio Lower Upper
42 100
72 39.8 36.6 54.8
71 37.6 33.8 50.6



#30
Chloroform
Concen: 20.491 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 83 Resp: 70342
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8

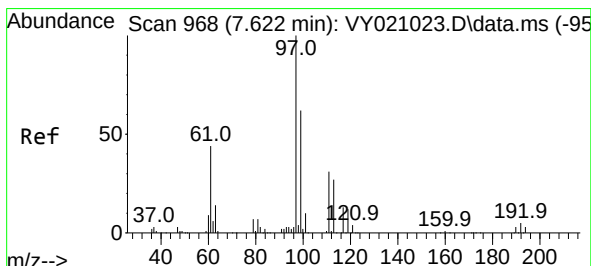
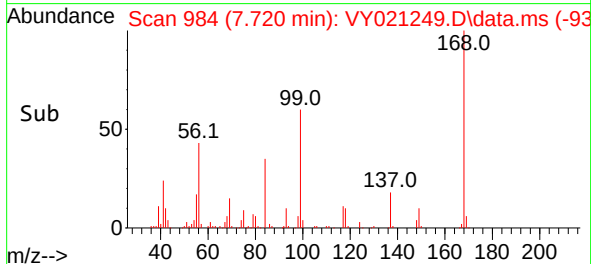
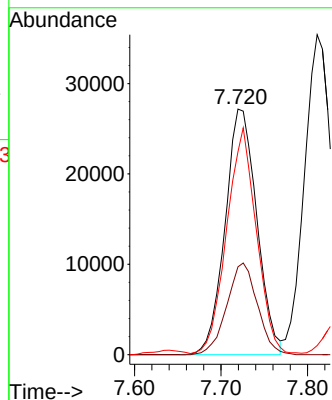
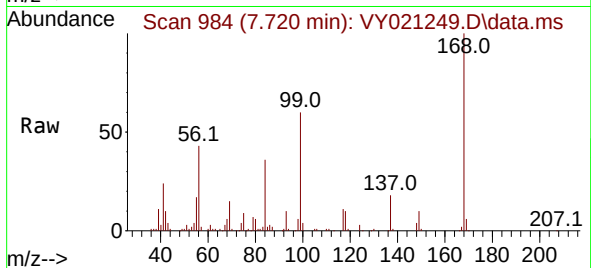




#31
Cyclohexane
Concen: 23.003 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

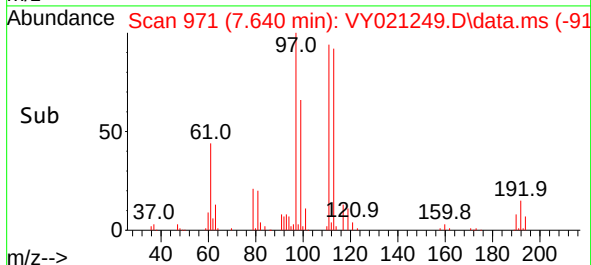
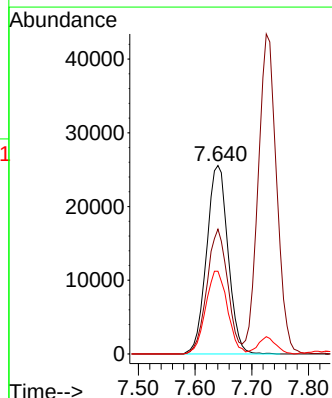
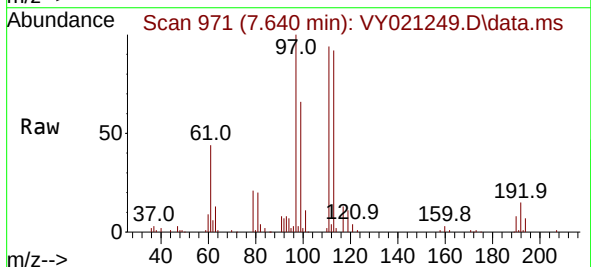
Instrument :
MSVOA_Y
ClientSampleId :

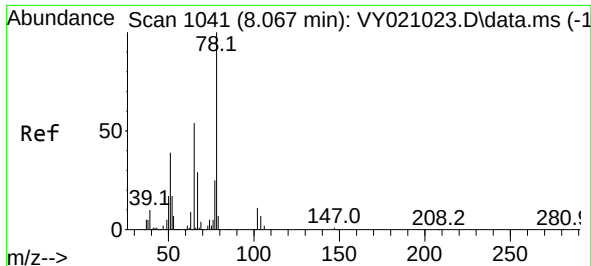
Tgt Ion: 56 Resp: 69230
Ion Ratio Lower Upper
56 100
69 35.8 27.0 40.6
84 81.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.078 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 97 Resp: 67272
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 8.079 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

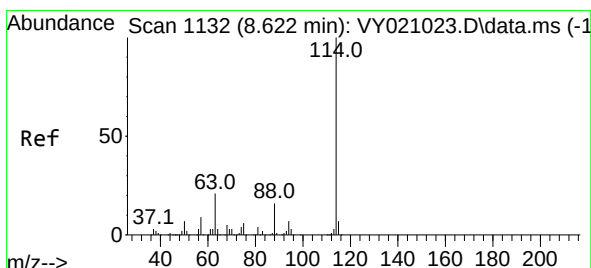
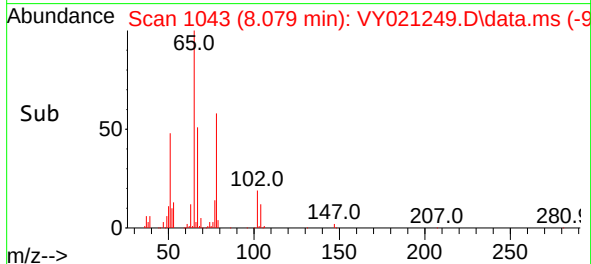
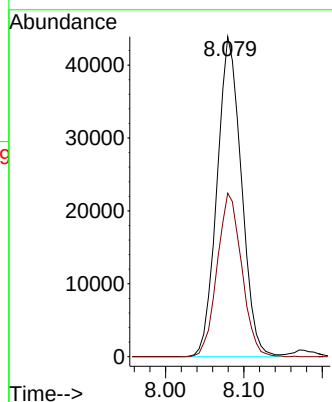
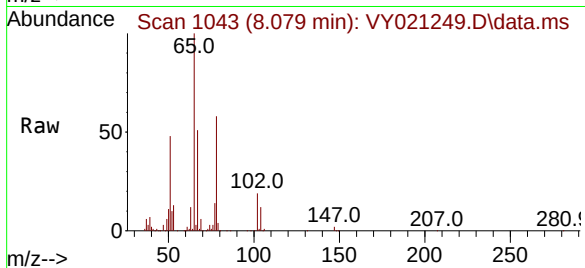
ClientSampleId :

Tgt Ion: 65 Resp: 94874

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

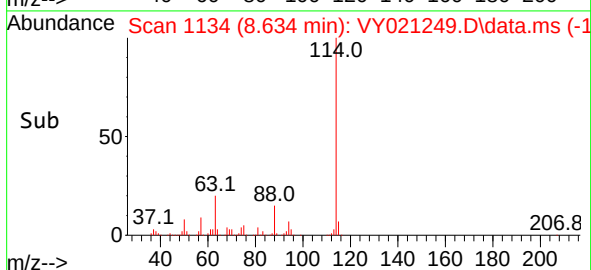
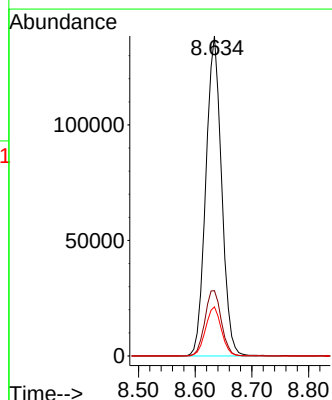
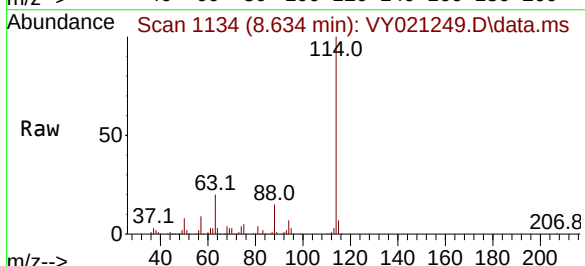
Tgt Ion: 114 Resp: 267057

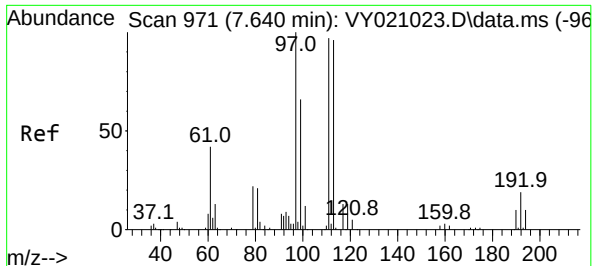
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

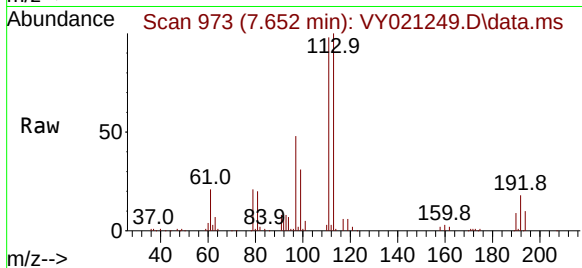
88 15.4 0.0 29.0



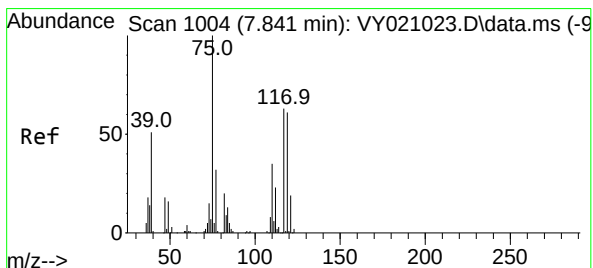
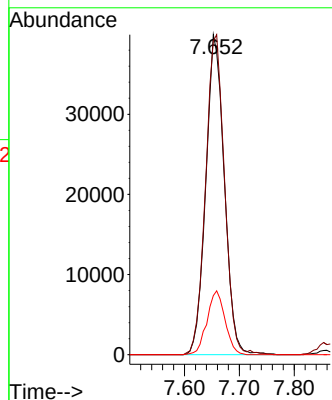
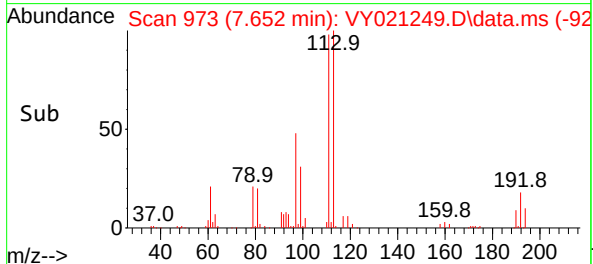


#35
Dibromofluoromethane
Concen: 54.645 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_Y
ClientSampleId :

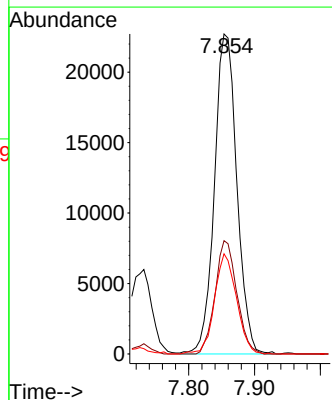
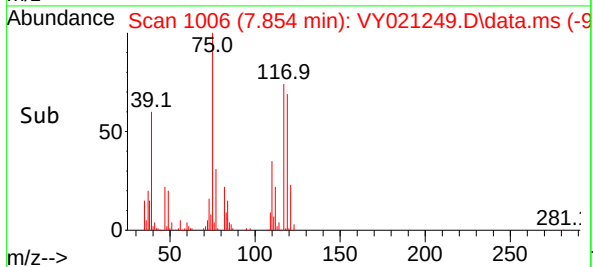
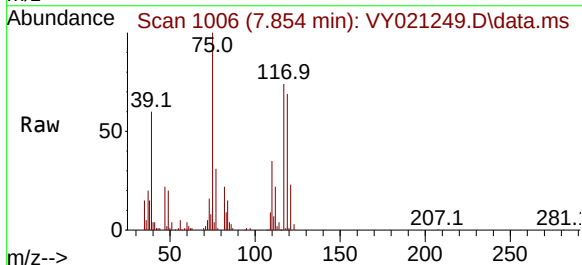


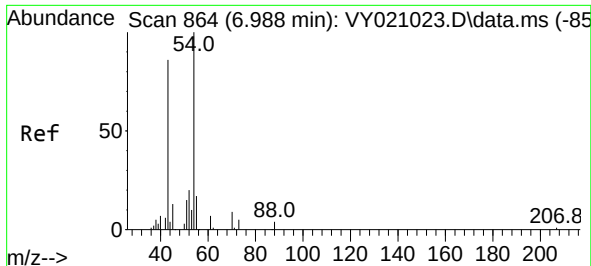
Tgt Ion:113 Resp: 93524
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.283 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 75 Resp: 53953
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 18.387 ug/l

RT: 7.012 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

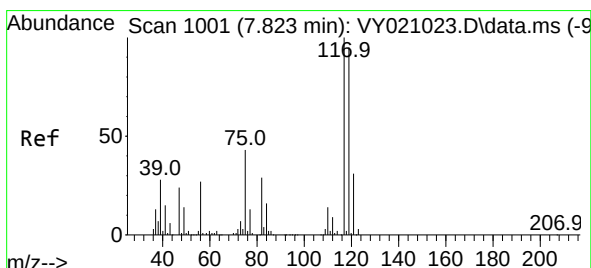
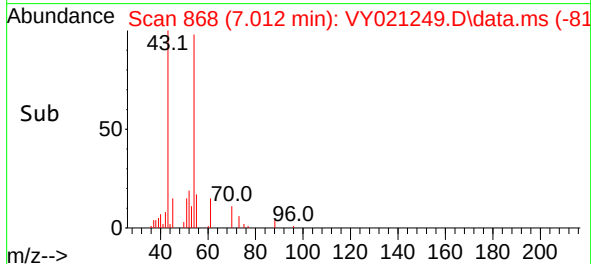
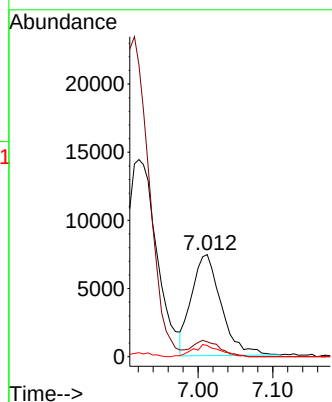
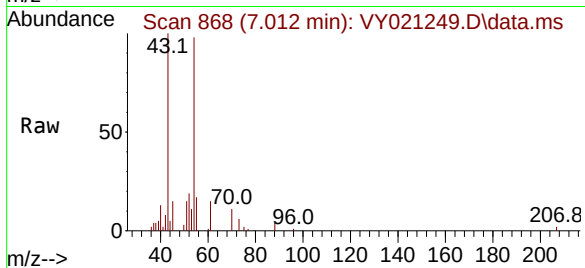
Tgt Ion: 43 Resp: 20448

Ion Ratio Lower Upper

43 100

61 14.7 11.0 16.6

70 10.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.576 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

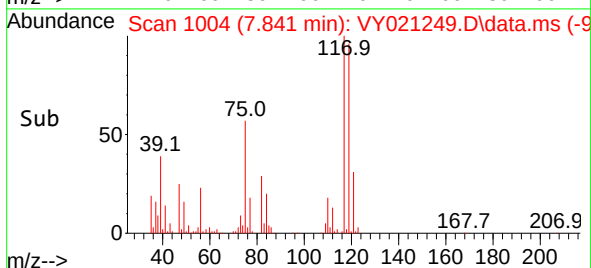
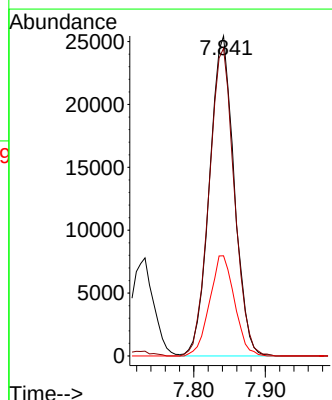
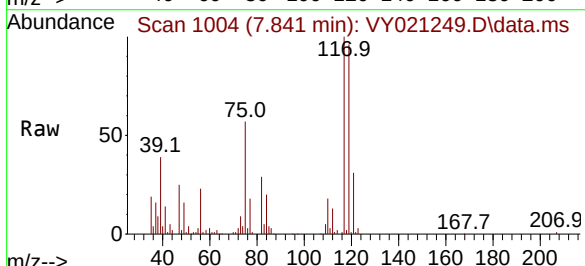
Tgt Ion: 117 Resp: 60947

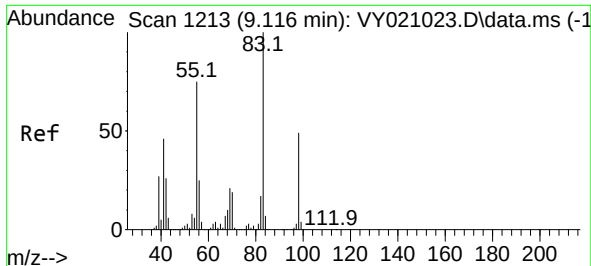
Ion Ratio Lower Upper

117 100

119 96.1 76.0 114.0

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 21.992 ug/l

RT: 9.128 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

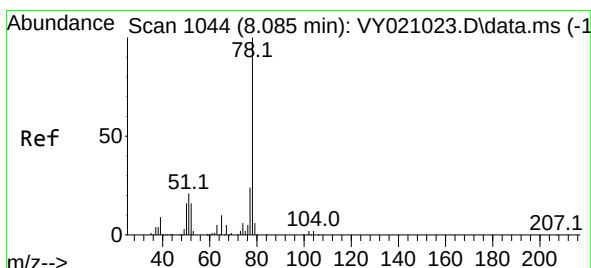
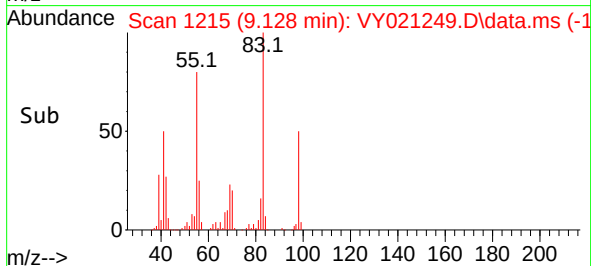
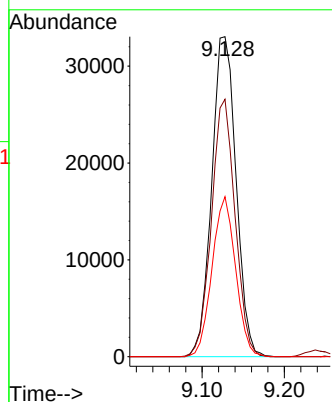
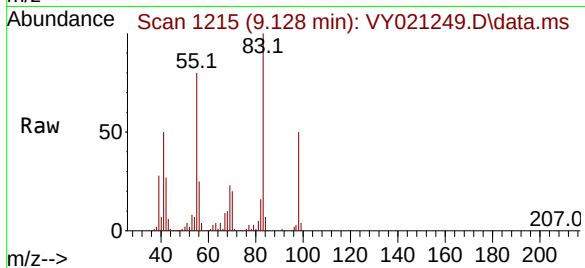
Tgt Ion: 83 Resp: 68191

Ion Ratio Lower Upper

83 100

55 80.4 59.7 89.5

98 50.0 38.0 57.0



#40

Benzene

Concen: 21.251 ug/l

RT: 8.098 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY021249.D

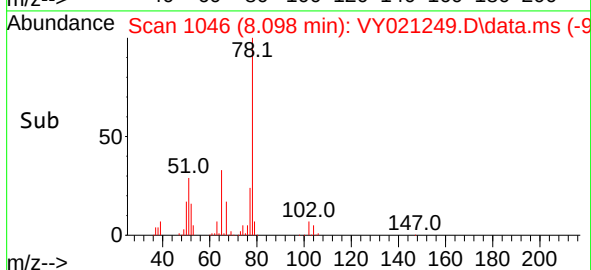
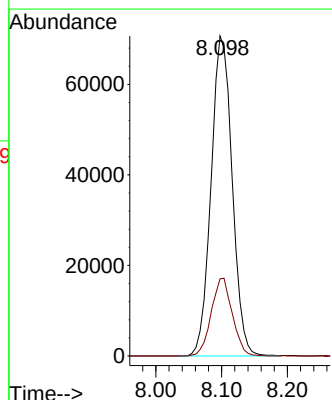
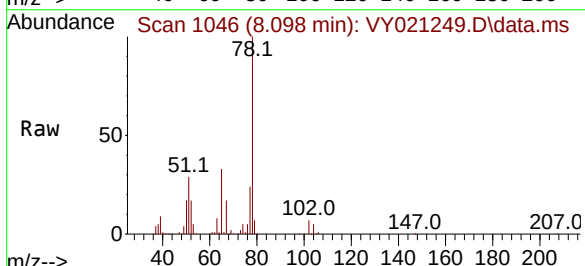
Acq: 20 Feb 2025 15:04

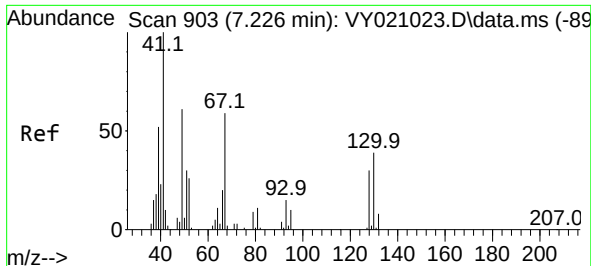
Tgt Ion: 78 Resp: 158090

Ion Ratio Lower Upper

78 100

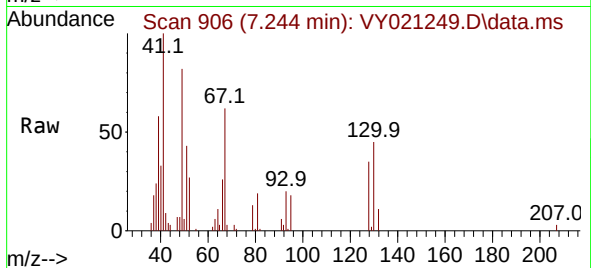
77 24.1 18.8 28.2



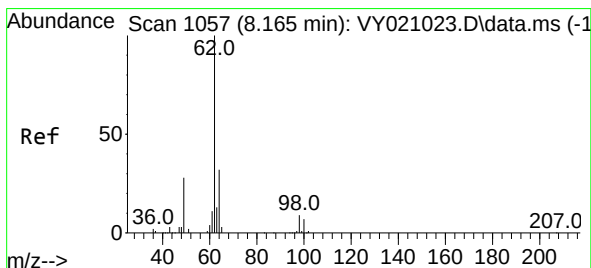
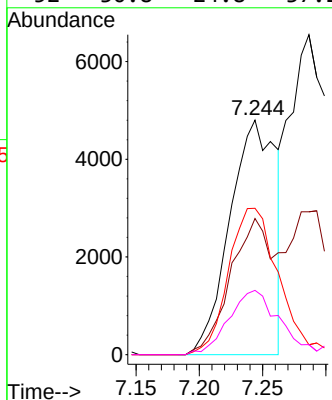
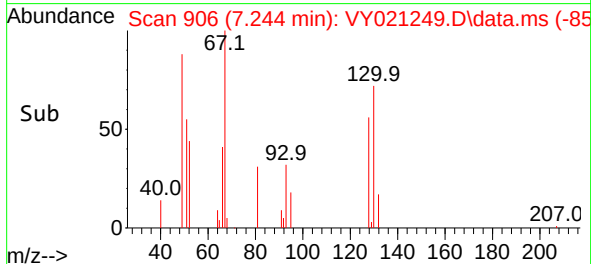


#41
Methacrylonitrile
Concen: 18.947 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_Y
ClientSampleId :

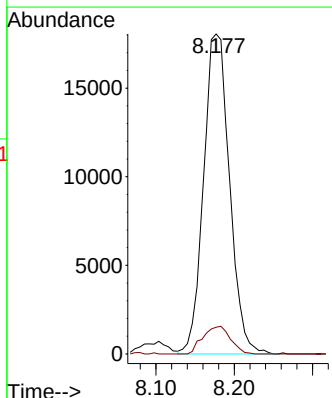
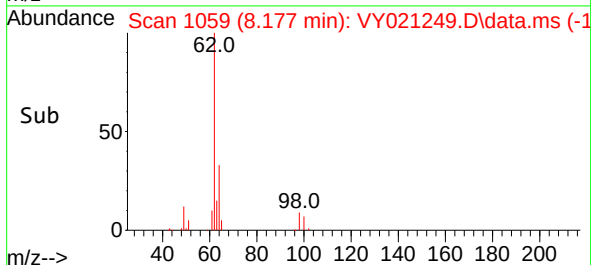
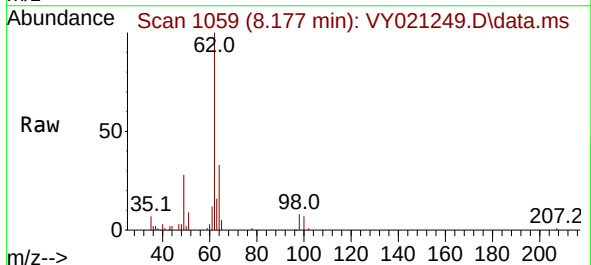


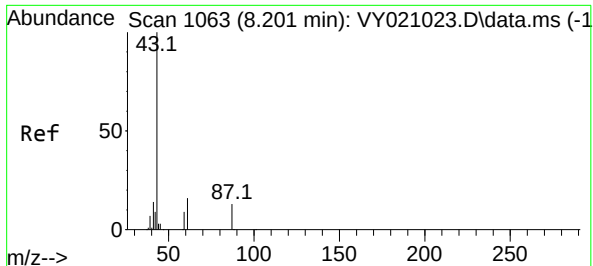
Tgt Ion:	41	Resp:	12190
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.9	62.9
67	67.7	59.8	89.6
52	30.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.135 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion:	62	Resp:	41553
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.364 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

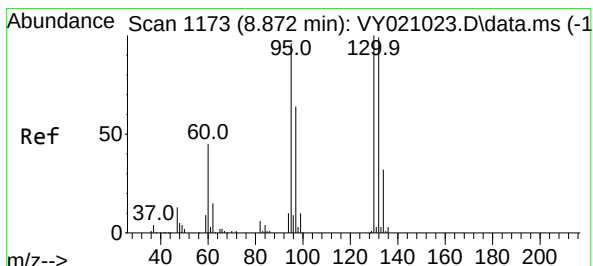
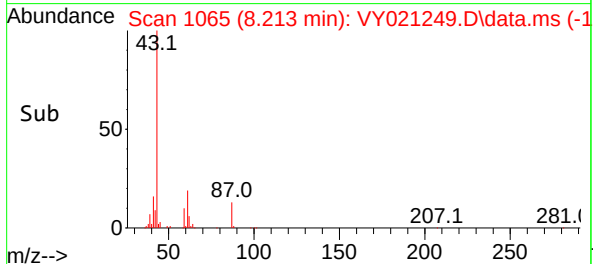
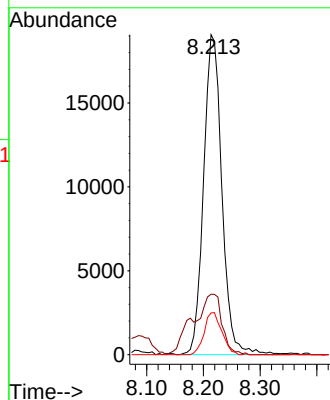
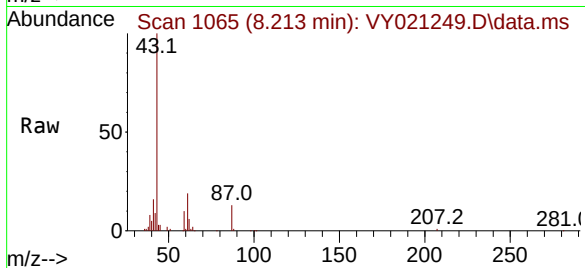
Tgt Ion: 43 Resp: 42790

Ion Ratio Lower Upper

43 100

61 20.2 24.8 37.2#

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 20.757 ug/l

RT: 8.884 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VY021249.D

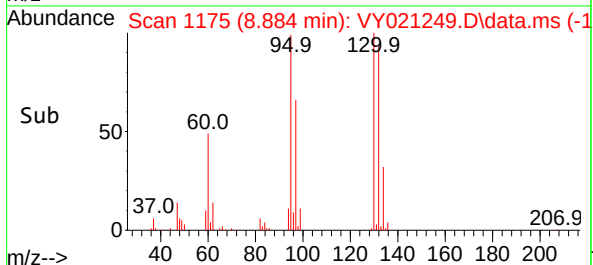
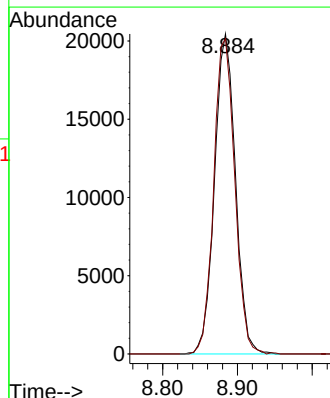
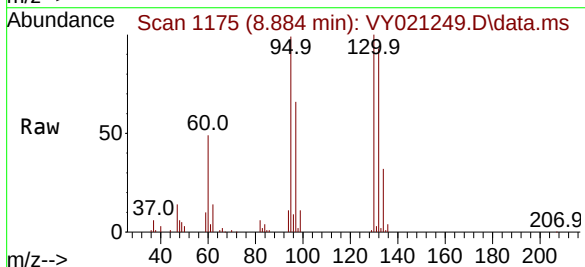
Acq: 20 Feb 2025 15:04

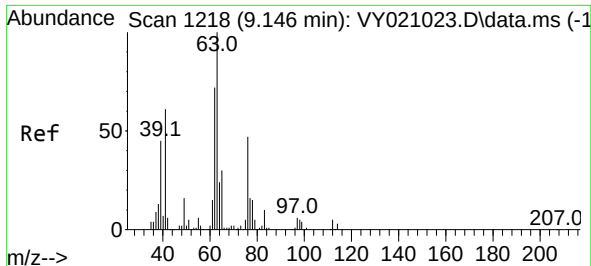
Tgt Ion:130 Resp: 39895

Ion Ratio Lower Upper

130 100

95 98.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.813 ug/l

RT: 9.158 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

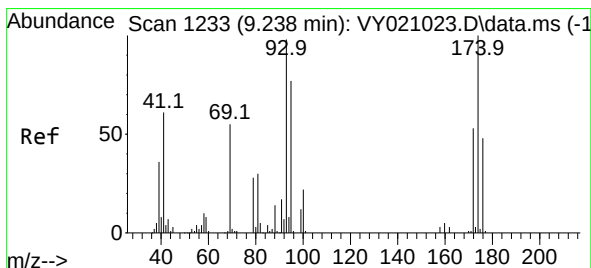
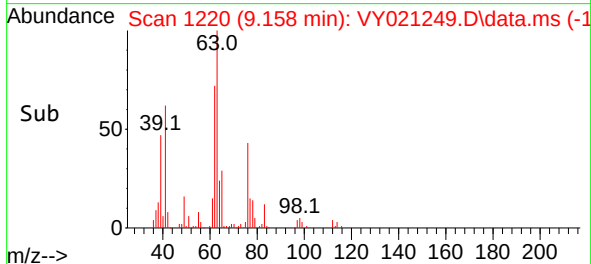
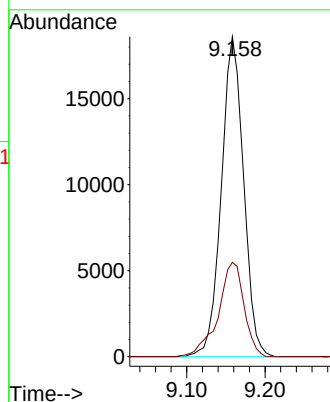
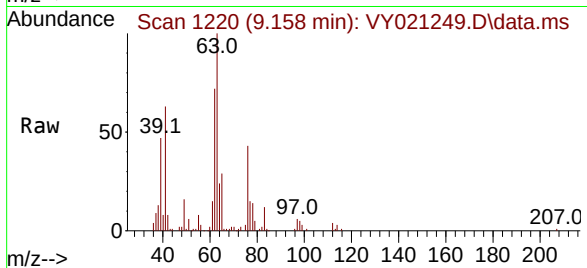
ClientSampleId :

Tgt Ion: 63 Resp: 36751

Ion Ratio Lower Upper

63 100

65 29.5 24.6 36.8



#46

Dibromomethane

Concen: 19.404 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

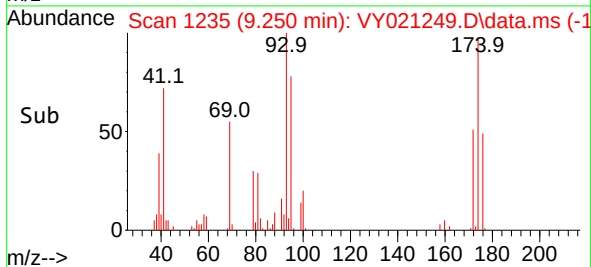
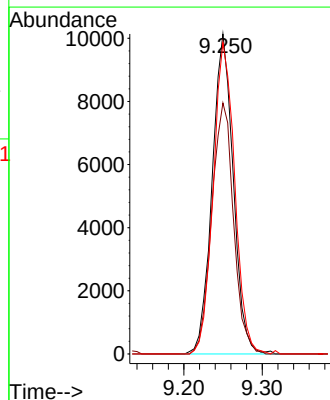
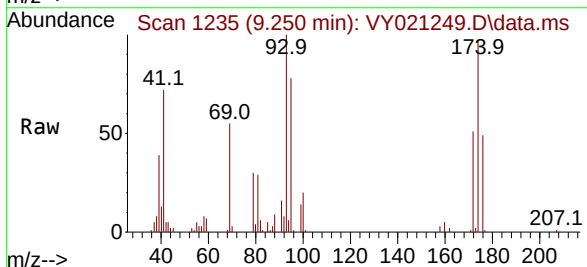
Tgt Ion: 93 Resp: 18970

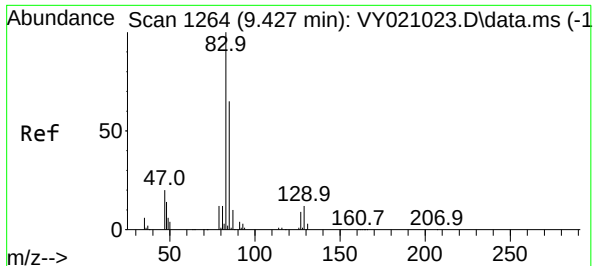
Ion Ratio Lower Upper

93 100

95 81.2 66.6 99.8

174 99.0 73.8 110.6





#47

Bromodichloromethane

Concen: 19.968 ug/l

RT: 9.439 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

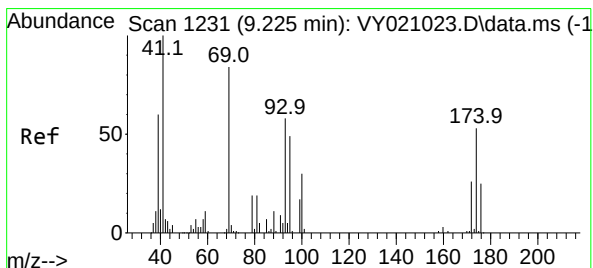
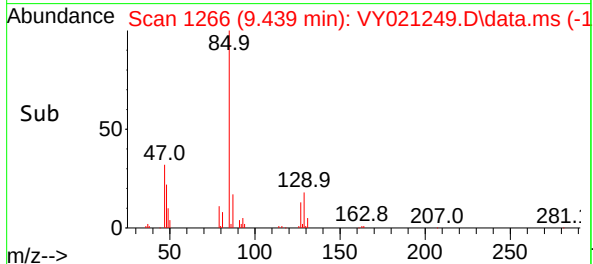
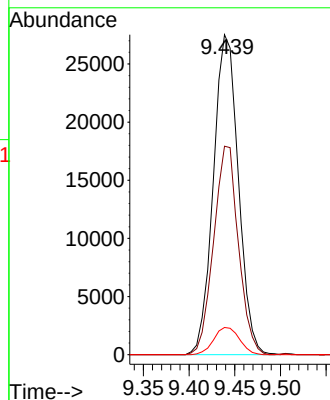
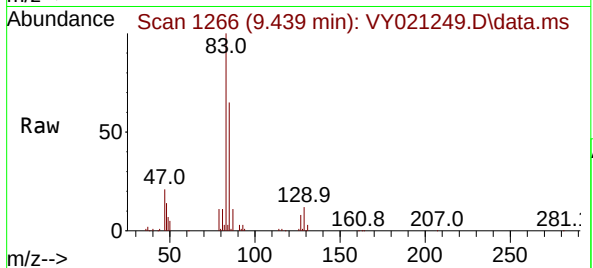
Tgt Ion: 83 Resp: 52357

Ion Ratio Lower Upper

83 100

85 65.2 53.2 79.8

127 8.5 6.4 9.6



#48

Methyl methacrylate

Concen: 20.057 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

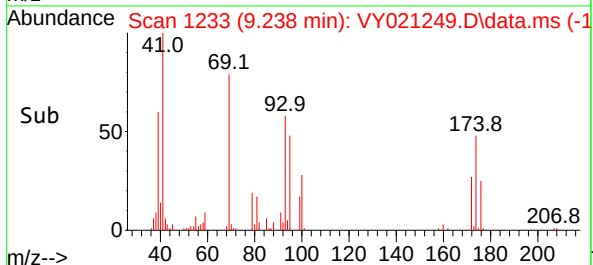
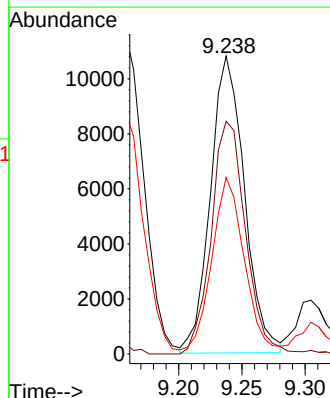
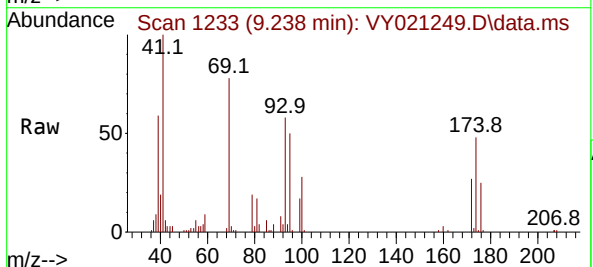
Tgt Ion: 41 Resp: 20188

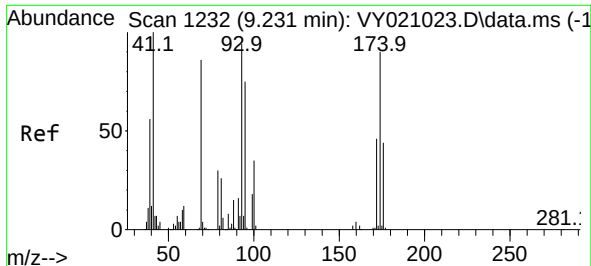
Ion Ratio Lower Upper

41 100

69 79.0 72.1 108.1

39 54.2 42.8 64.2





#49

1,4-Dioxane

Concen: 319.191 ug/l

RT: 9.256 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

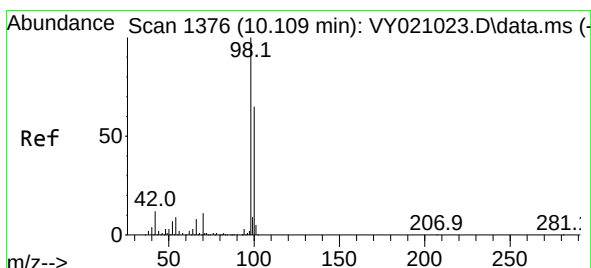
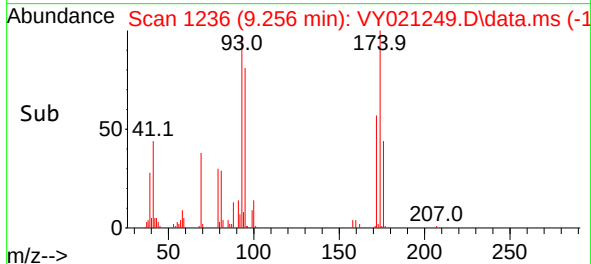
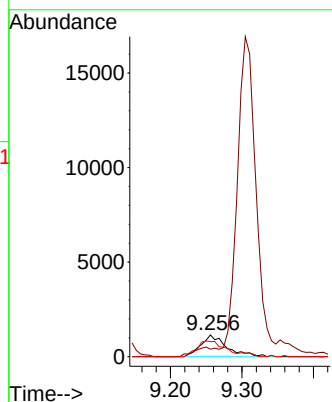
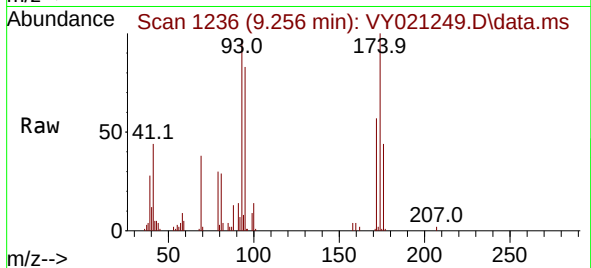
Tgt Ion: 88 Resp: 2905

Ion Ratio Lower Upper

88 100

43 39.0 28.2 42.4

58 83.8 52.2 78.2#



#50

Toluene-d8

Concen: 53.431 ug/l

RT: 10.122 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY021249.D

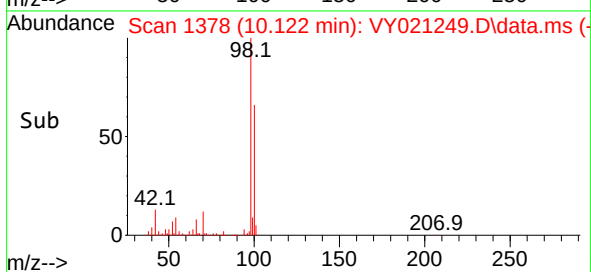
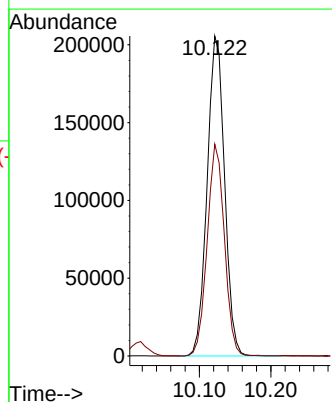
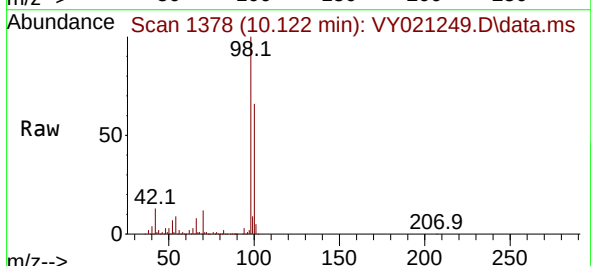
Acq: 20 Feb 2025 15:04

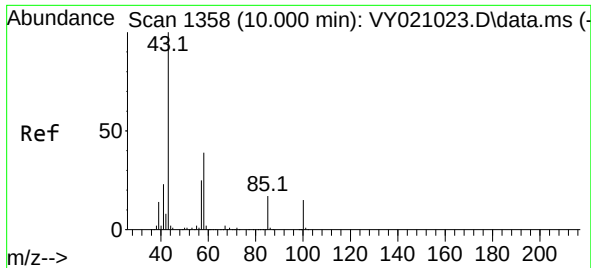
Tgt Ion: 98 Resp: 348144

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

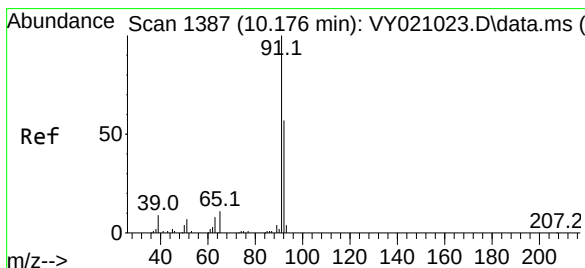
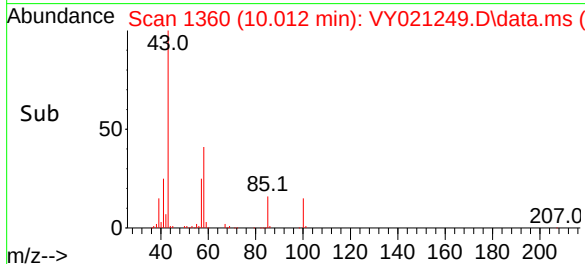
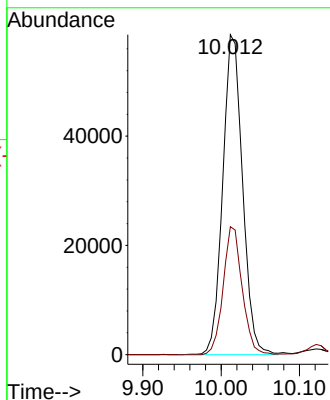
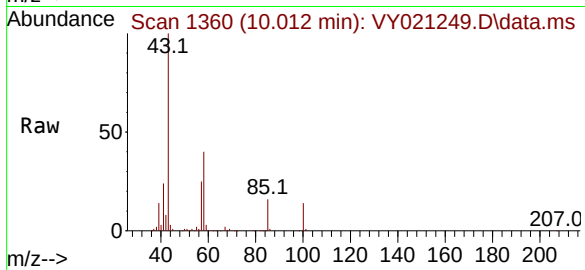




#51
4-Methyl-2-Pentanone
Concen: 92.691 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

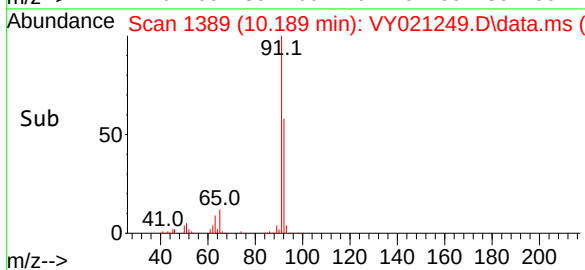
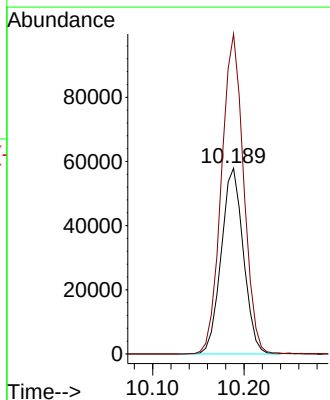
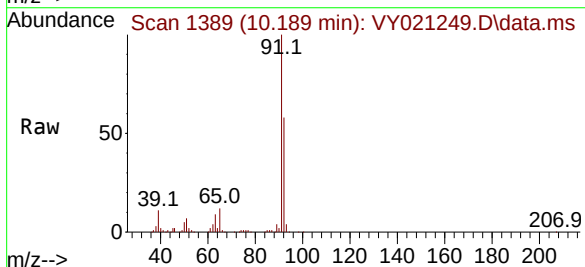
Instrument :
MSVOA_Y
ClientSampleId :

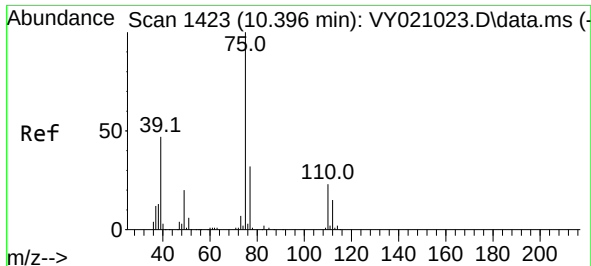
Tgt Ion: 43 Resp: 102999
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.2



#52
Toluene
Concen: 20.871 ug/l
RT: 10.189 min Scan# 1389
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 92 Resp: 97490
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4

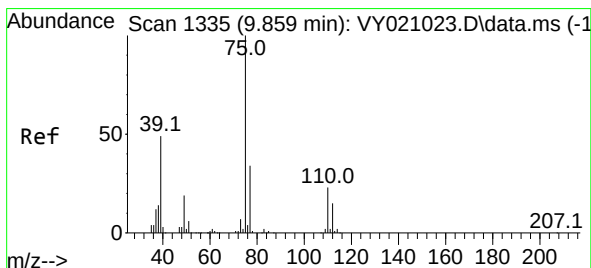
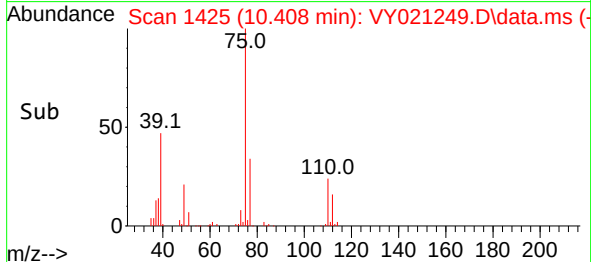
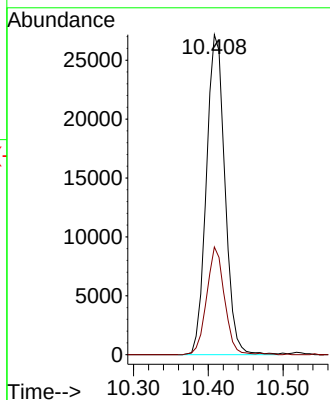
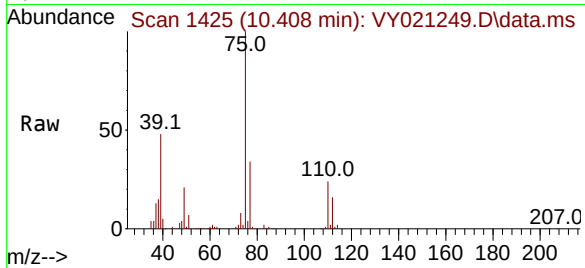




#53
t-1,3-Dichloropropene
Concen: 19.884 ug/l
RT: 10.408 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

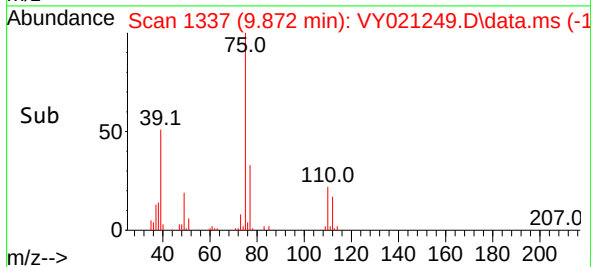
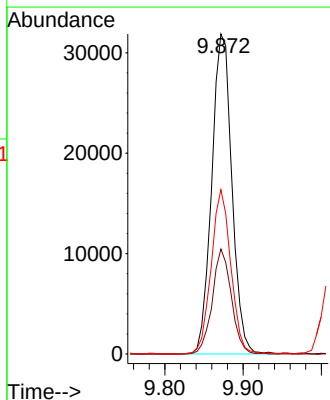
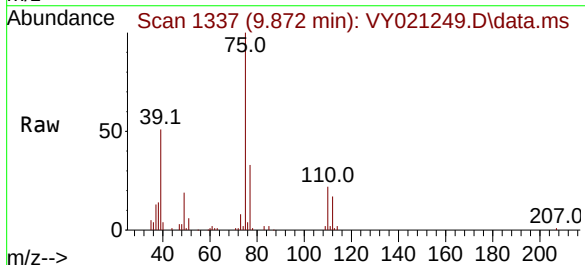
Instrument :
MSVOA_Y
ClientSampleId :

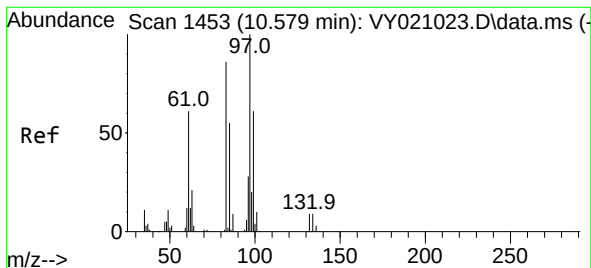
Tgt Ion: 75 Resp: 46814
Ion Ratio Lower Upper
75 100
77 33.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.495 ug/l
RT: 9.872 min Scan# 1337
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 75 Resp: 57133
Ion Ratio Lower Upper
75 100
77 32.8 24.6 36.8
39 51.4 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 19.491 ug/l

RT: 10.591 min Scan# 1455

Delta R.T. 0.012 min

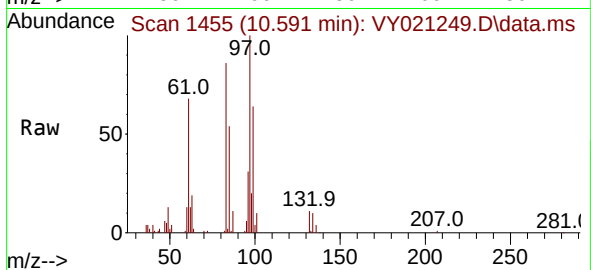
Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 24676

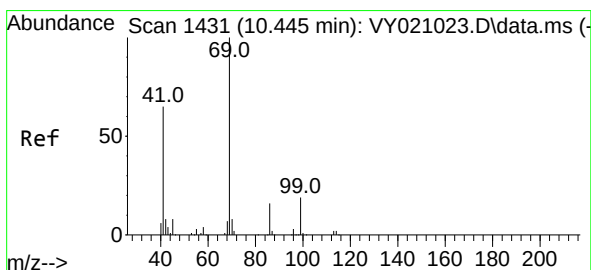
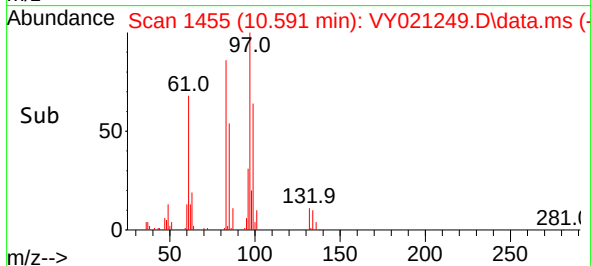
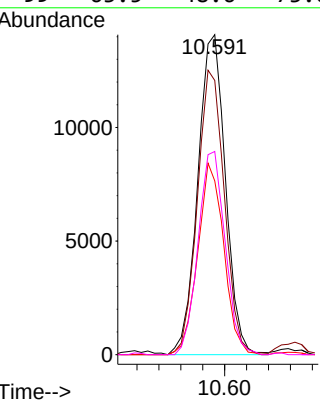
Ion Ratio Lower Upper

97 100

83 85.7 69.4 104.2

85 54.3 43.9 65.9

99 63.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.481 ug/l

RT: 10.457 min Scan# 1433

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

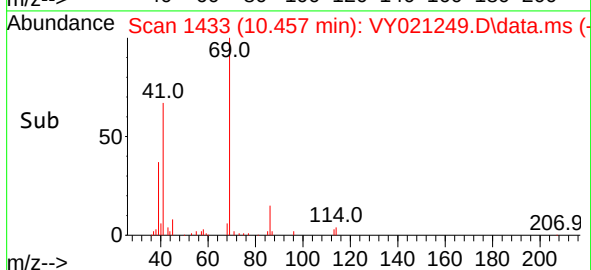
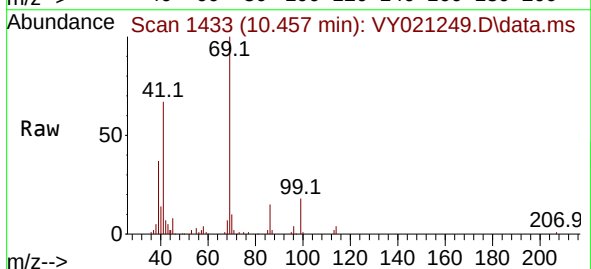
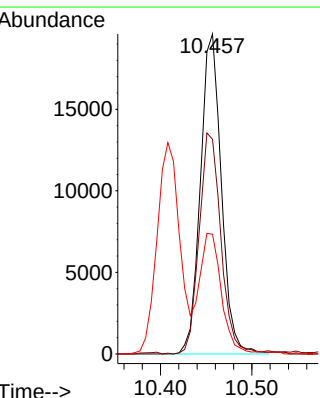
Tgt Ion: 69 Resp: 31300

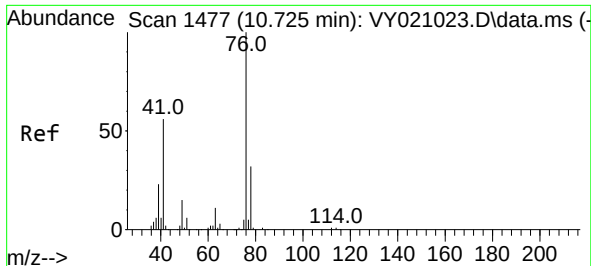
Ion Ratio Lower Upper

69 100

41 71.9 49.2 73.8

39 40.4 26.8 40.2#





#57

1,3-Dichloropropane

Concen: 19.589 ug/l

RT: 10.731 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

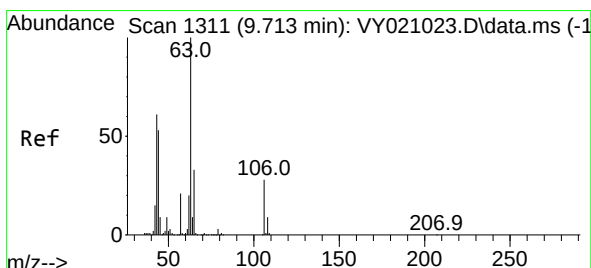
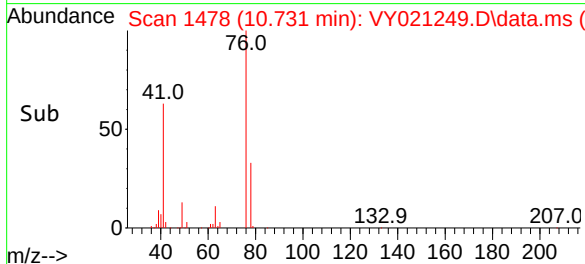
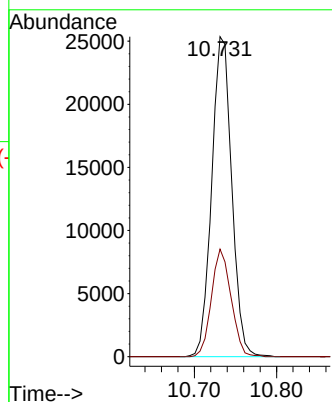
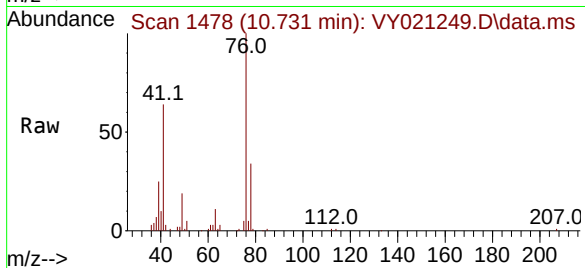
ClientSampleId :

Tgt Ion: 76 Resp: 42924

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 102.574 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY021249.D

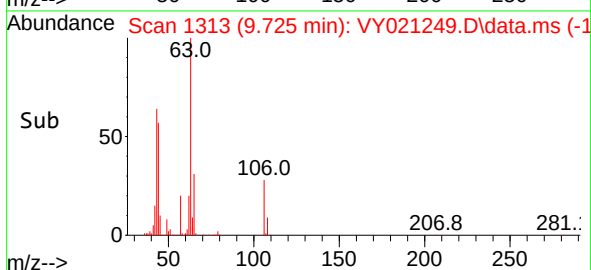
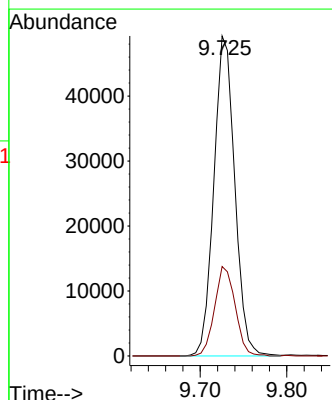
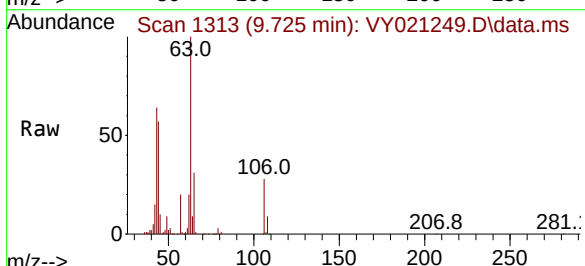
Acq: 20 Feb 2025 15:04

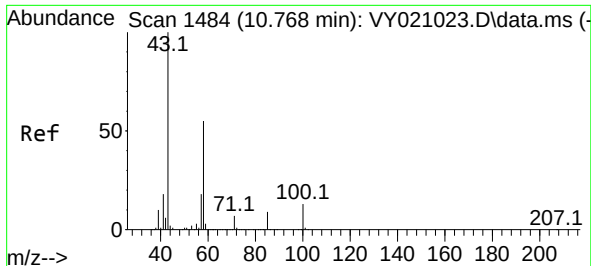
Tgt Ion: 63 Resp: 82647

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

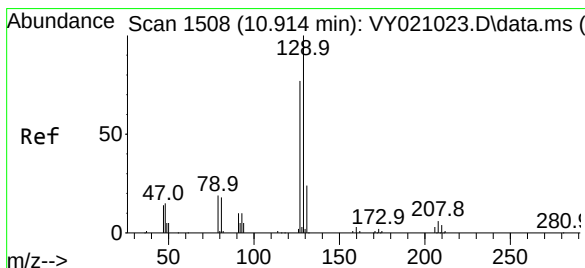
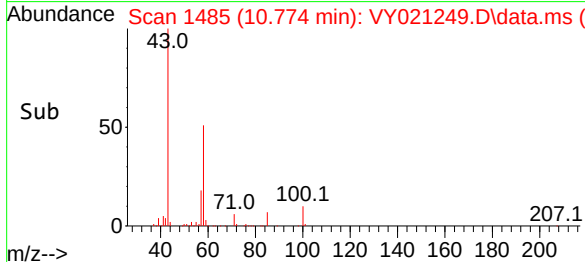
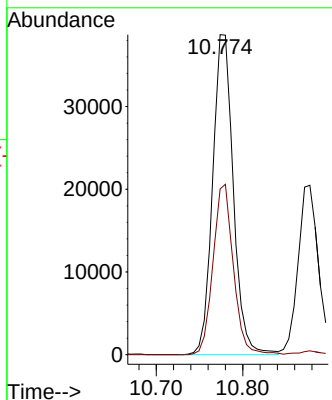
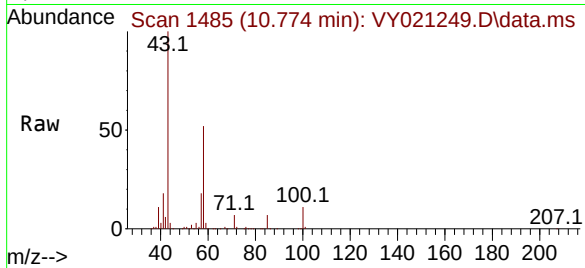




#59
2-Hexanone
Concen: 89.766 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

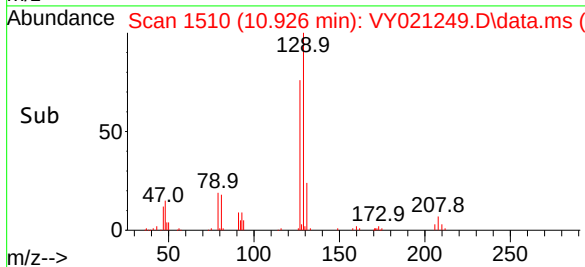
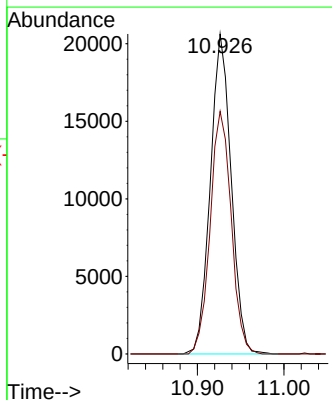
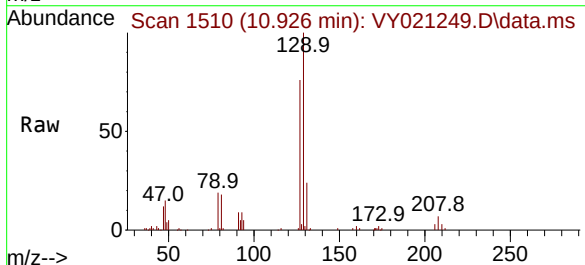
Instrument :
MSVOA_Y
ClientSampleId :

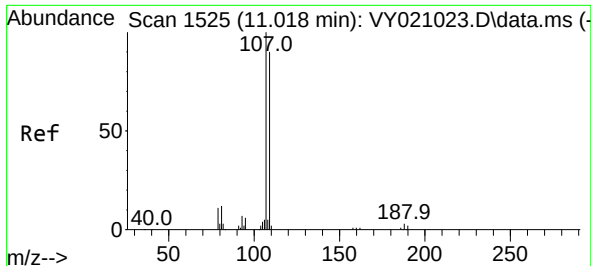
Tgt Ion: 43 Resp: 64224
Ion Ratio Lower Upper
43 100
58 52.4 28.1 84.3



#60
Dibromochloromethane
Concen: 19.402 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 129 Resp: 34494
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

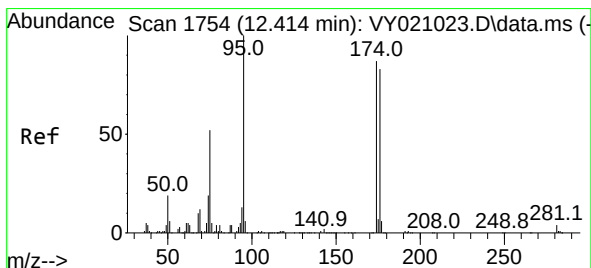
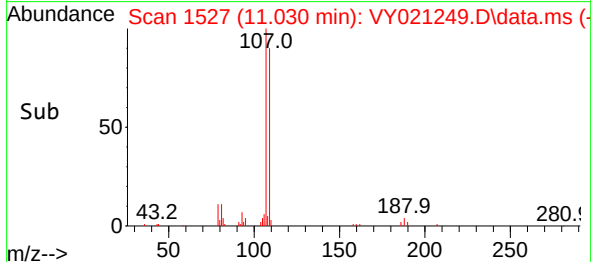
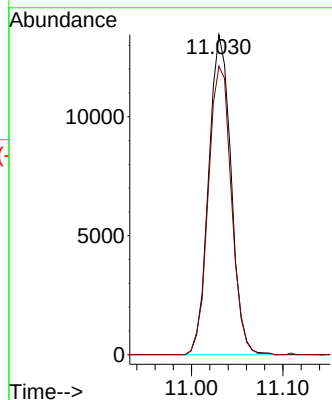
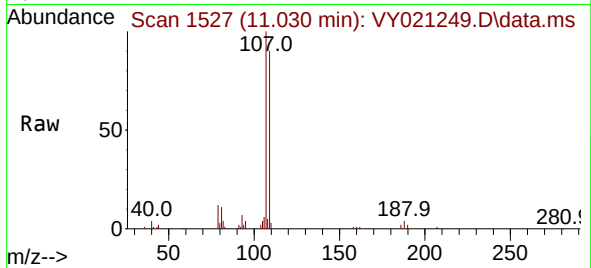




#61
1,2-Dibromoethane
Concen: 19.222 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

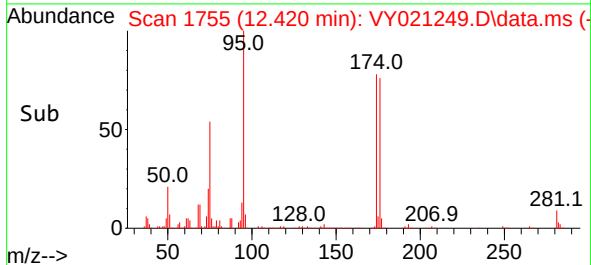
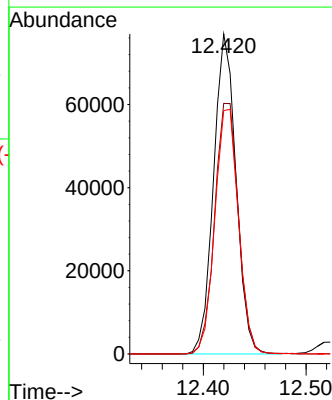
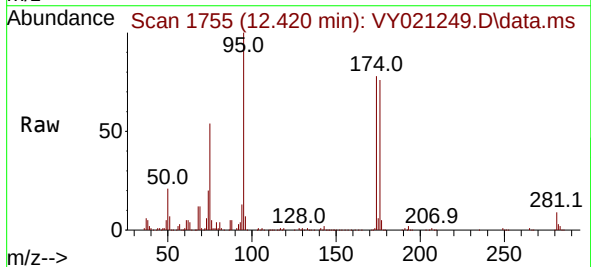
Instrument :
MSVOA_Y
ClientSampleId :

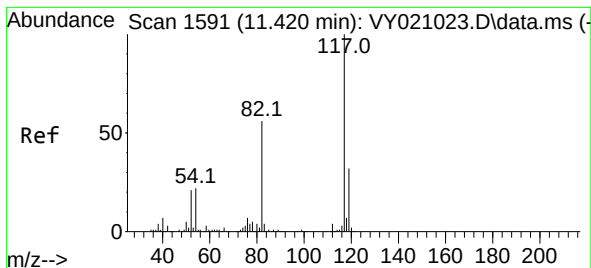
Tgt Ion:107 Resp: 22794
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.742 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 95 Resp: 116527
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.0
176 80.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

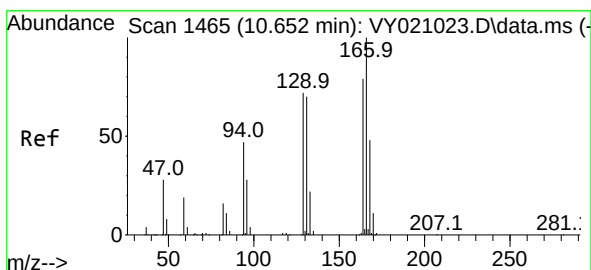
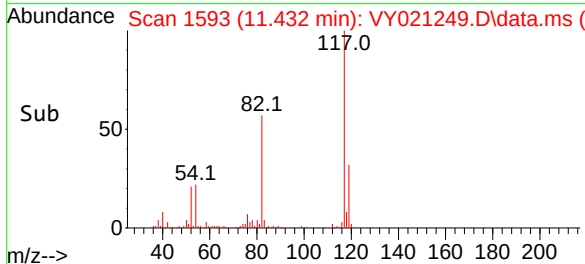
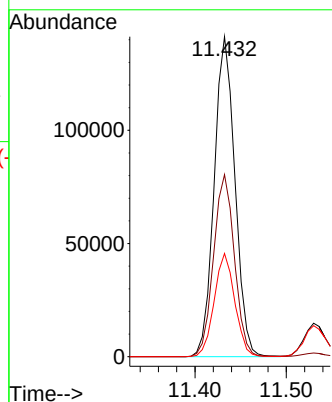
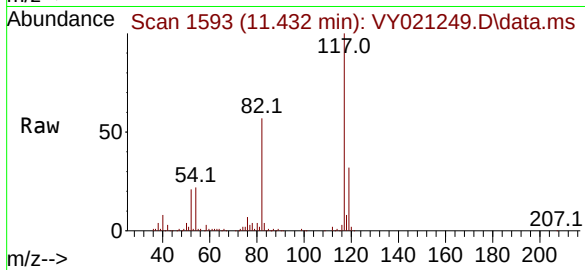
Tgt Ion:117 Resp: 223487

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 21.078 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Tgt Ion:164 Resp: 34969

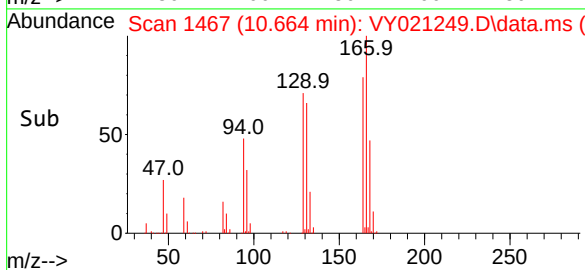
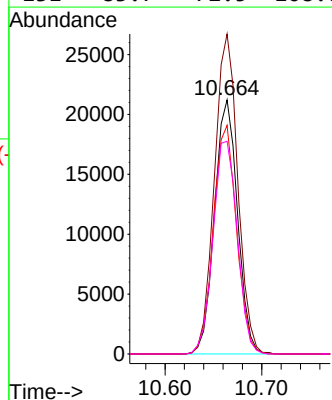
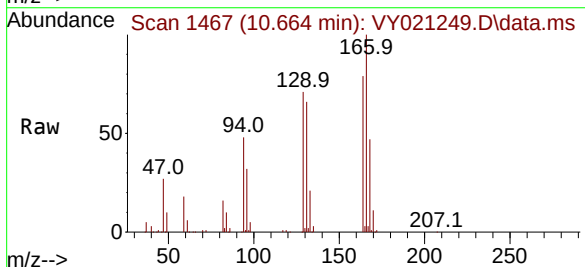
Ion Ratio Lower Upper

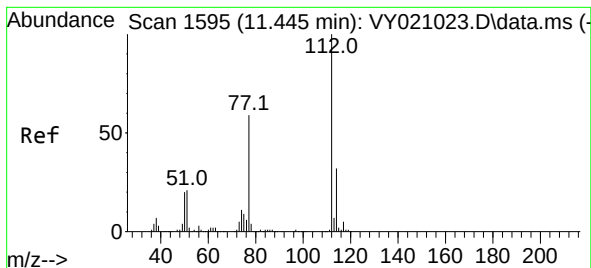
164 100

166 125.9 98.8 148.2

129 90.0 78.9 118.3

131 83.7 72.5 108.7





#65

Chlorobenzene

Concen: 20.094 ug/l

RT: 11.457 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

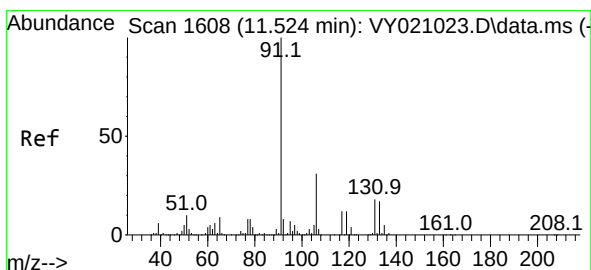
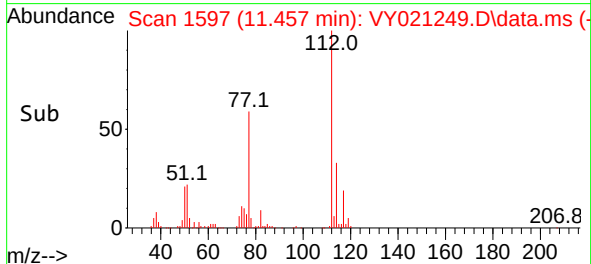
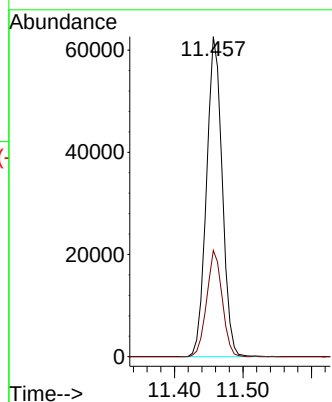
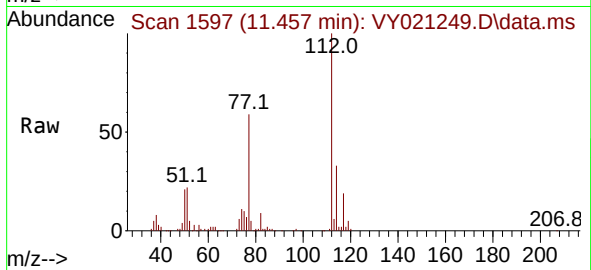
ClientSampleId :

Tgt Ion:112 Resp: 99995

Ion Ratio Lower Upper

112 100

114 33.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.959 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

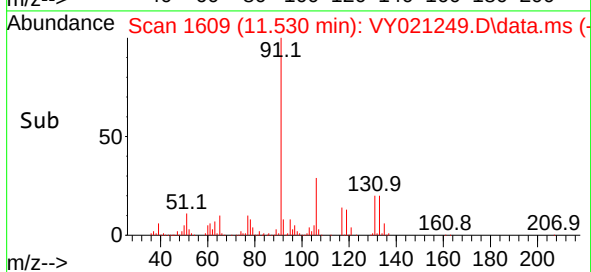
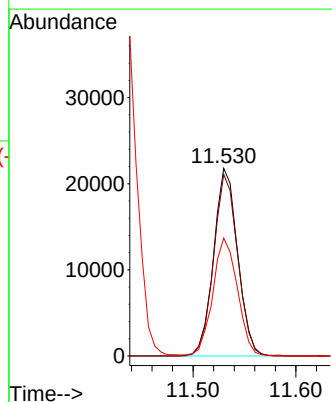
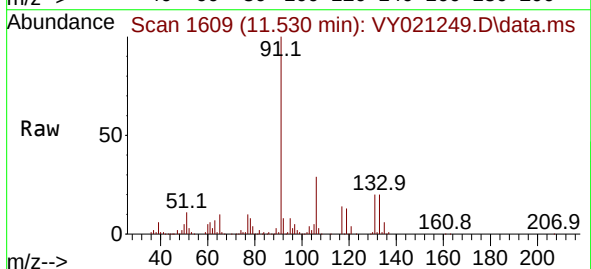
Tgt Ion:131 Resp: 35296

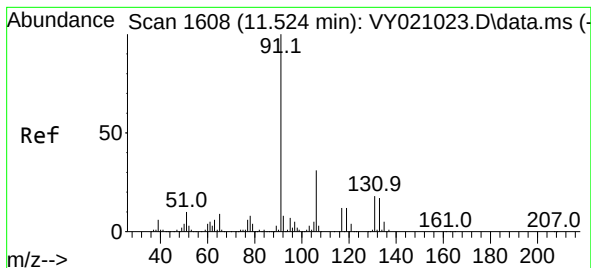
Ion Ratio Lower Upper

131 100

133 97.1 47.0 141.0

119 64.6 33.3 99.9





#67

Ethyl Benzene

Concen: 20.636 ug/l

RT: 11.536 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

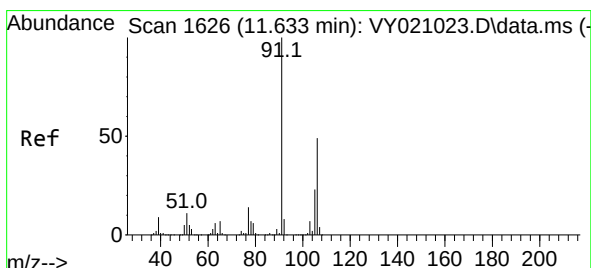
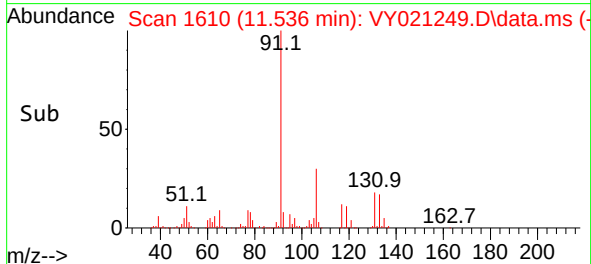
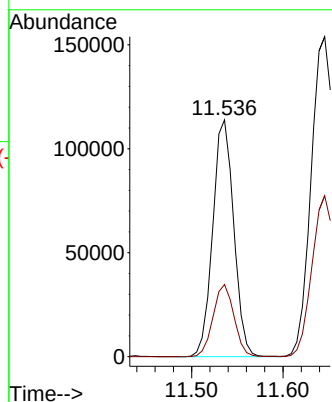
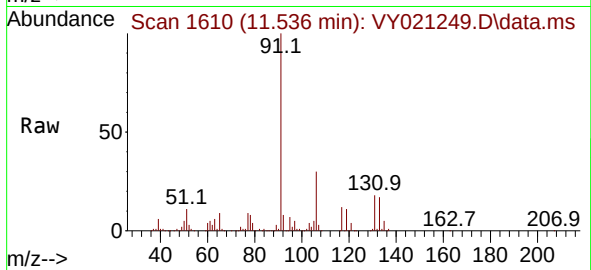
ClientSampleId :

Tgt Ion: 91 Resp: 181630

Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4



#68

m/p-Xylenes

Concen: 41.946 ug/l

RT: 11.646 min Scan# 1628

Delta R.T. 0.012 min

Lab File: VY021249.D

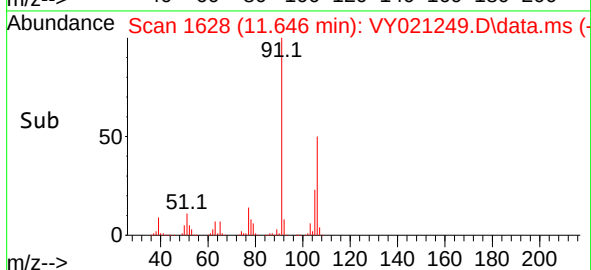
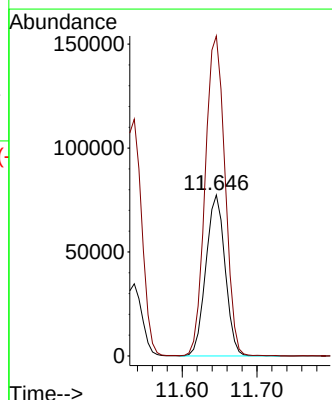
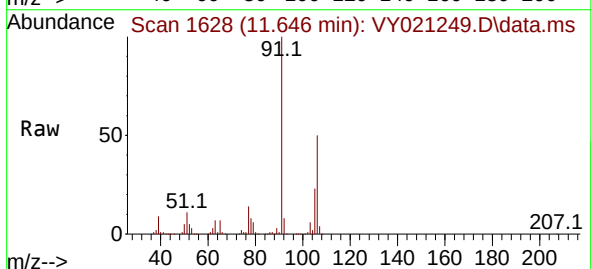
Acq: 20 Feb 2025 15:04

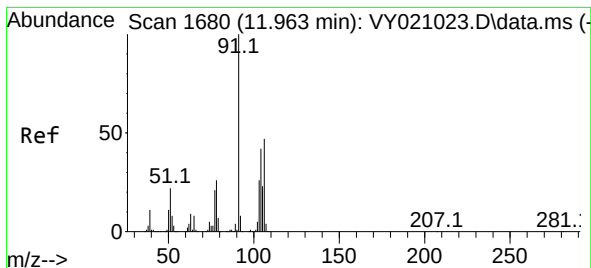
Tgt Ion:106 Resp: 138119

Ion Ratio Lower Upper

106 100

91 204.9 160.7 241.1

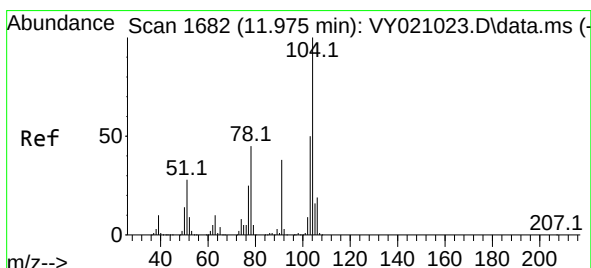
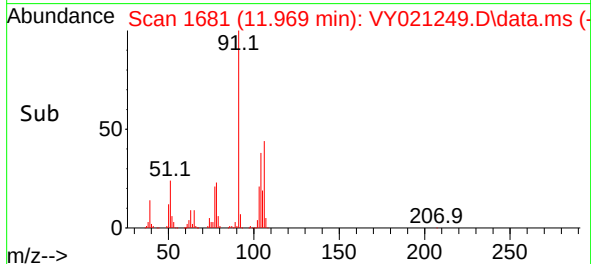
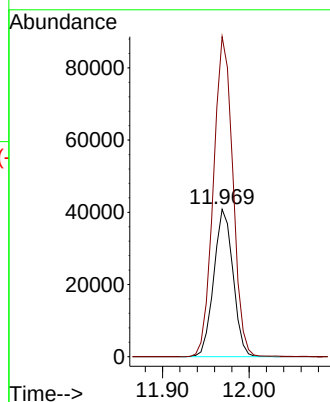
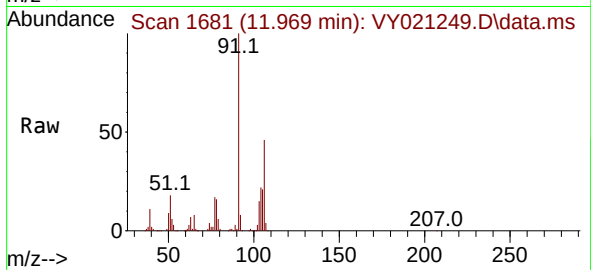




#69
o-Xylene
Concen: 20.495 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

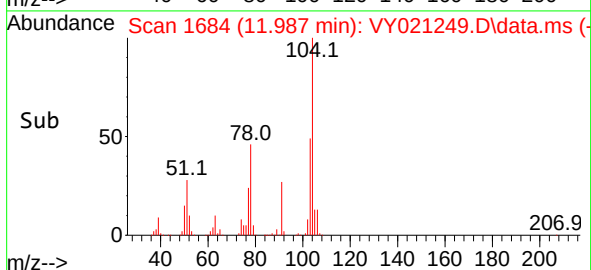
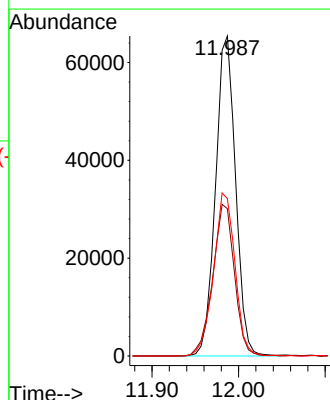
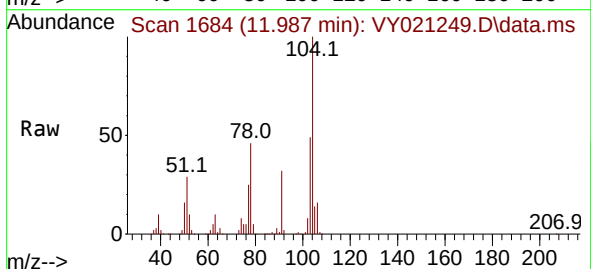
Instrument :
MSVOA_Y
ClientSampleId :

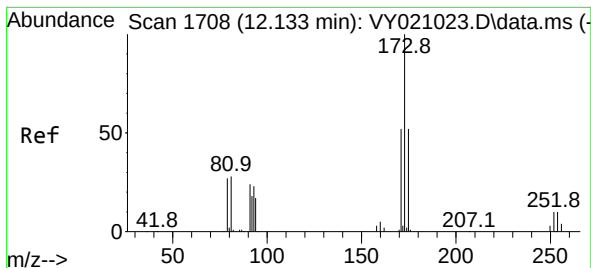
Tgt Ion:106 Resp: 62918
Ion Ratio Lower Upper
106 100
91 220.1 106.5 319.5



#70
Styrene
Concen: 20.513 ug/l
RT: 11.987 min Scan# 1684
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion:104 Resp: 104956
Ion Ratio Lower Upper
104 100
78 51.6 39.2 58.8
103 54.5 43.8 65.6





#71

Bromoform

Concen: 18.739 ug/l

RT: 12.146 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021249.D

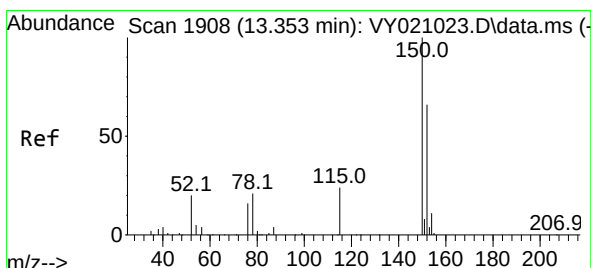
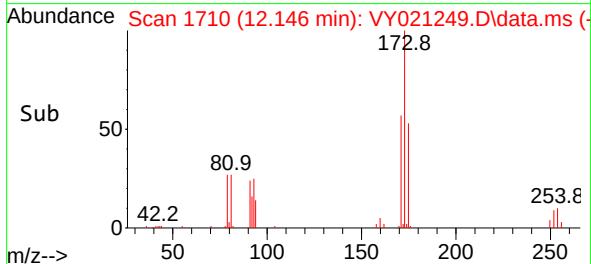
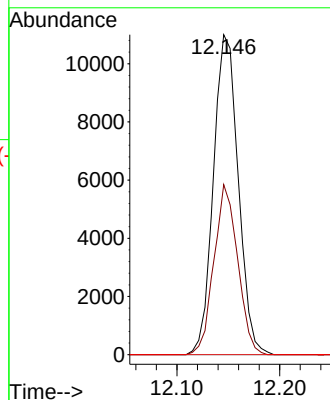
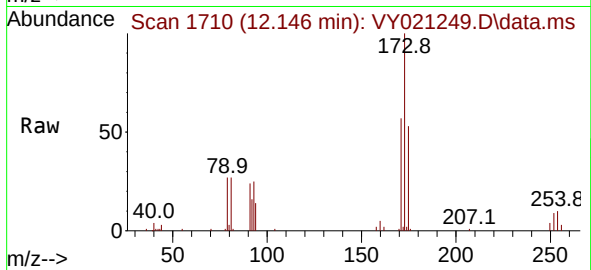
Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	18446
Ion Ratio	Lower	Upper
173	100	
175	50.8	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

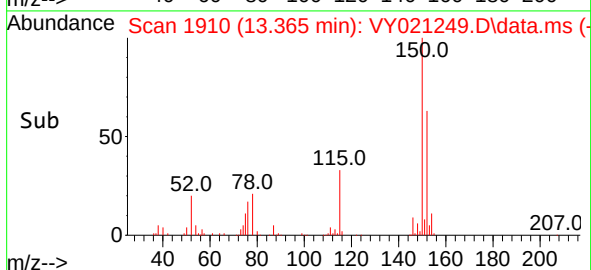
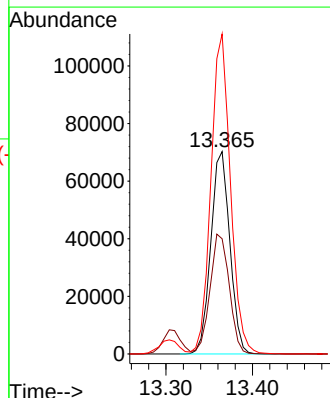
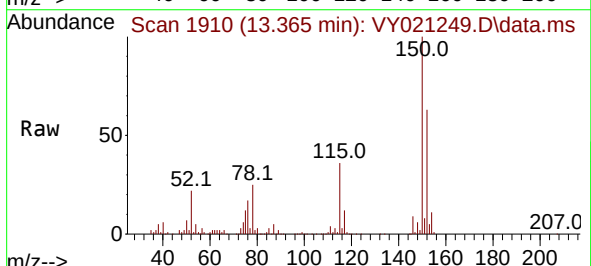
RT: 13.365 min Scan# 1910

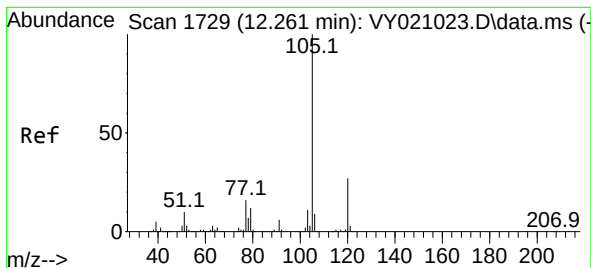
Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Tgt Ion:152	Resp:	107240
Ion Ratio	Lower	Upper
152	100	
115	60.0	30.0 90.0
150	161.8	0.0 344.6





#73

Isopropylbenzene

Concen: 20.595 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

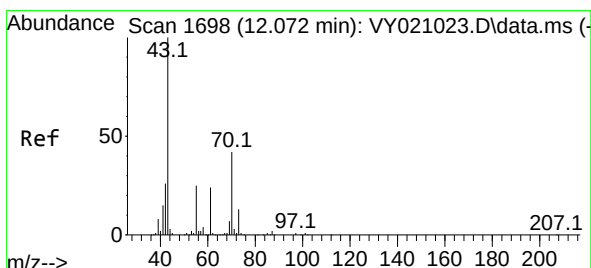
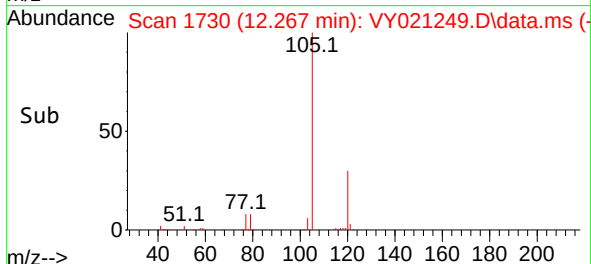
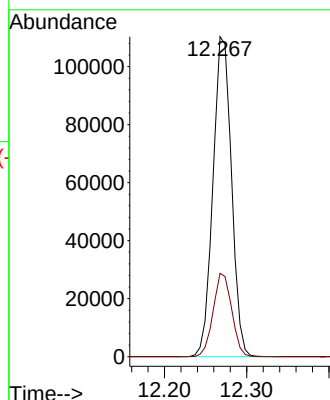
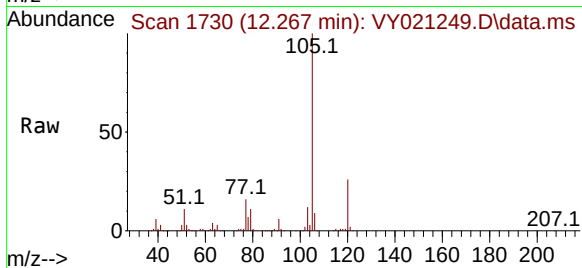
ClientSampleId :

Tgt Ion:105 Resp: 172527

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-amy1 acetate

Concen: 18.723 ug/l

RT: 12.085 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 34291

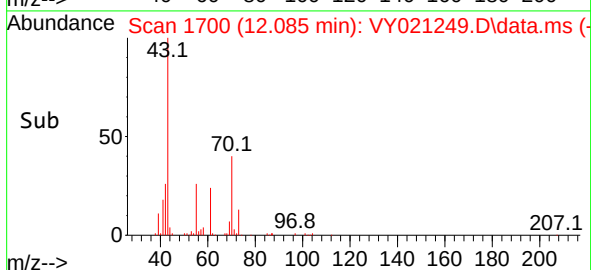
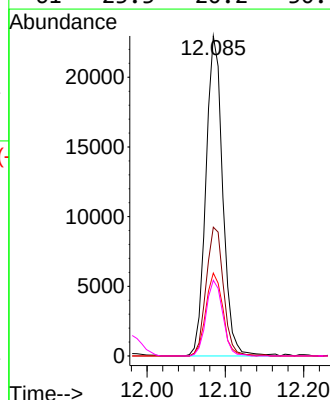
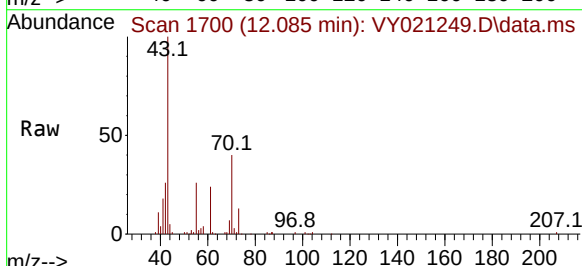
Ion Ratio Lower Upper

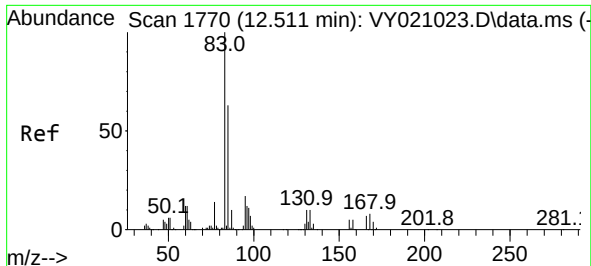
43 100

70 41.4 36.6 55.0

55 26.3 22.2 33.4

61 23.3 20.2 30.4

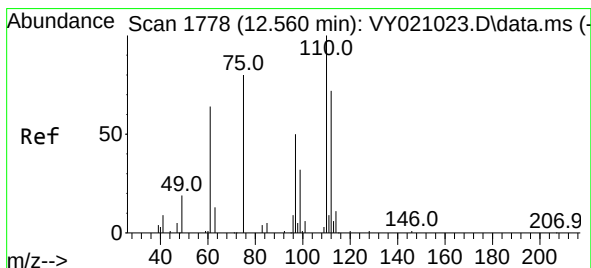
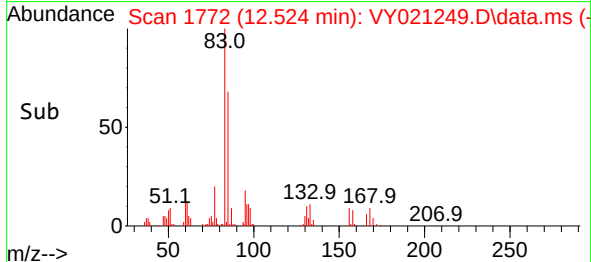
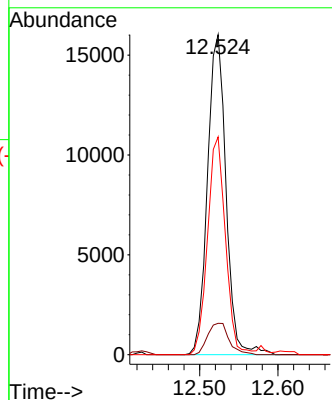
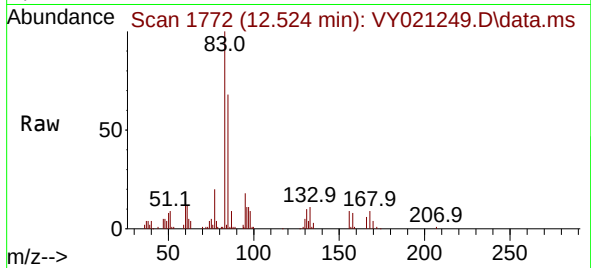




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.865 ug/l
 RT: 12.524 min Scan# 1772
 Delta R.T. 0.012 min
 Lab File: VY021249.D
 Acq: 20 Feb 2025 15:04

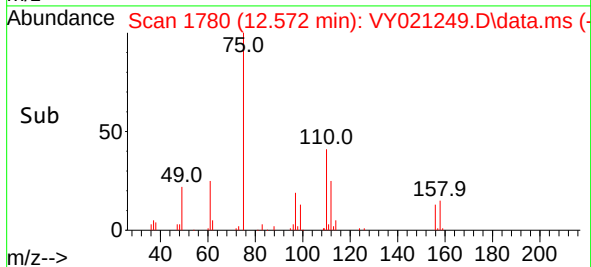
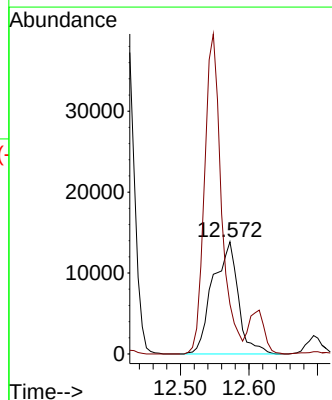
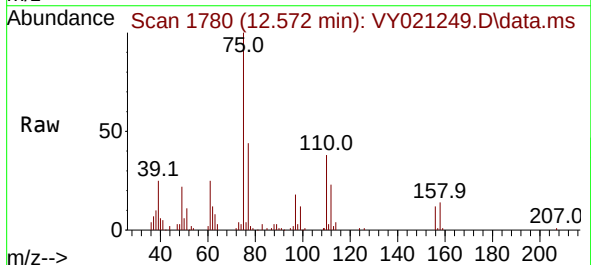
Instrument :
 MSVOA_Y
 ClientSampleId :

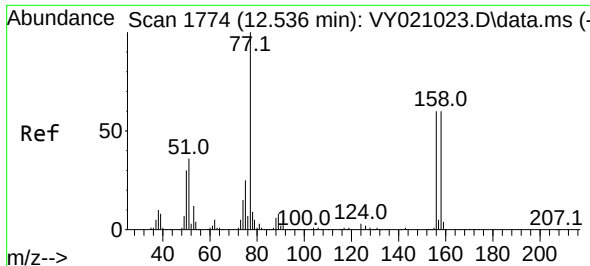
Tgt Ion: 83 Resp: 26282
 Ion Ratio Lower Upper
 83 100
 131 11.4 4.9 14.6
 85 65.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 36.748 ug/l
 RT: 12.572 min Scan# 1780
 Delta R.T. 0.012 min
 Lab File: VY021249.D
 Acq: 20 Feb 2025 15:04

Tgt Ion: 75 Resp: 35748
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

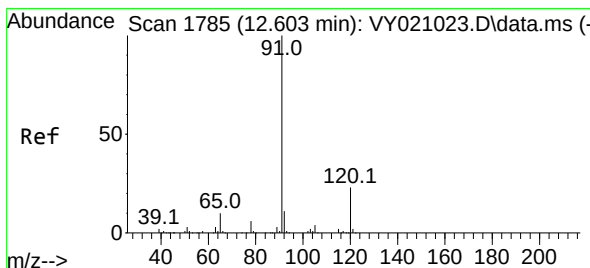
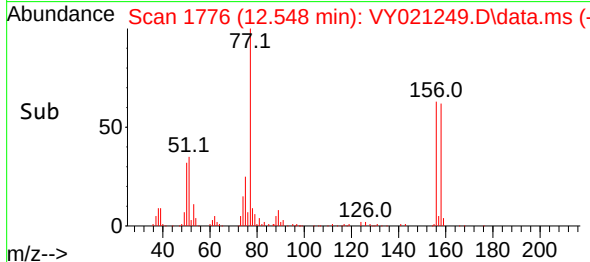
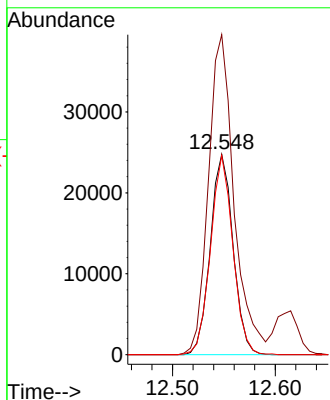
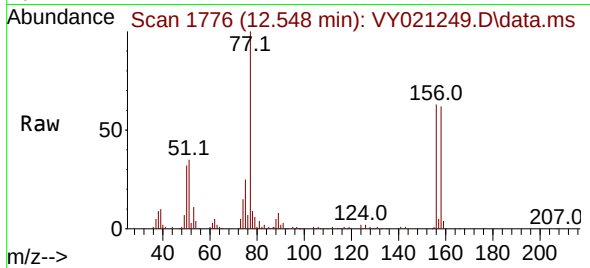




#77
Bromobenzene
Concen: 19.717 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

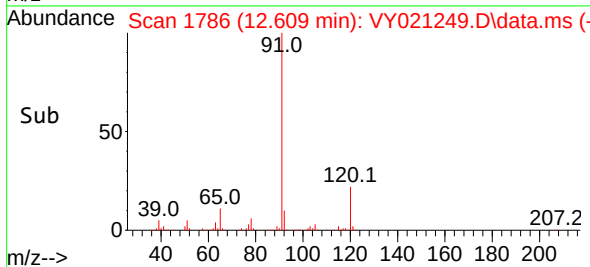
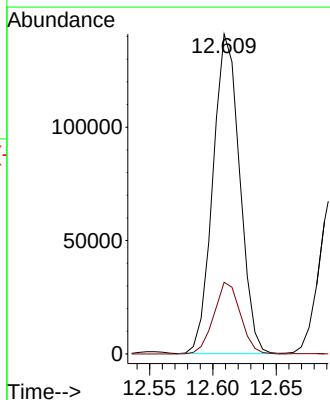
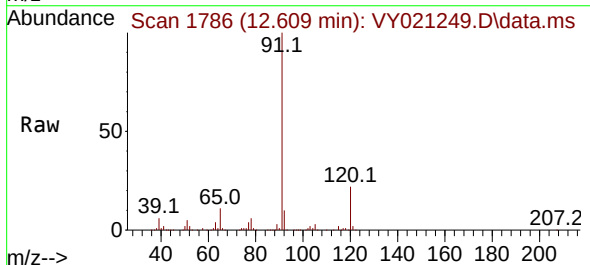
Instrument :
MSVOA_Y
ClientSampleId :

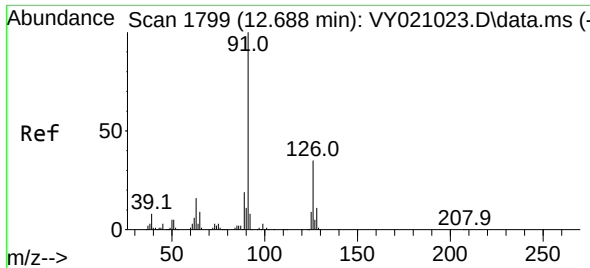
Tgt Ion:156 Resp: 38115
Ion Ratio Lower Upper
156 100
77 179.2 97.3 291.8
158 97.5 48.4 145.0



#78
n-propylbenzene
Concen: 20.780 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 91 Resp: 207365
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0

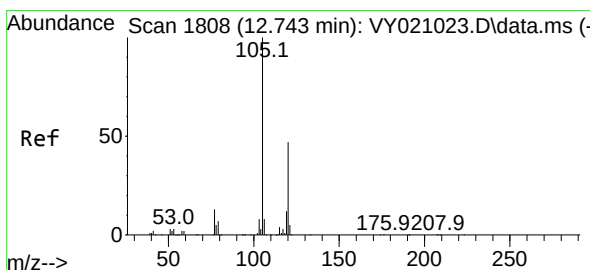
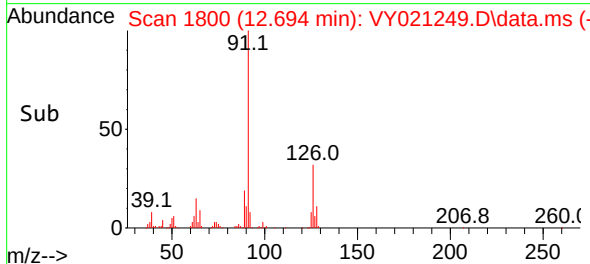
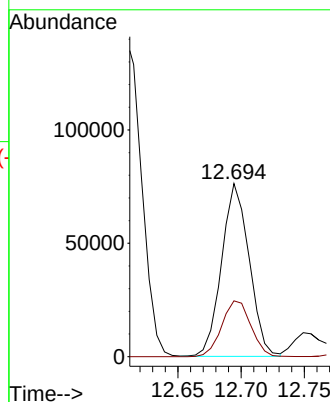
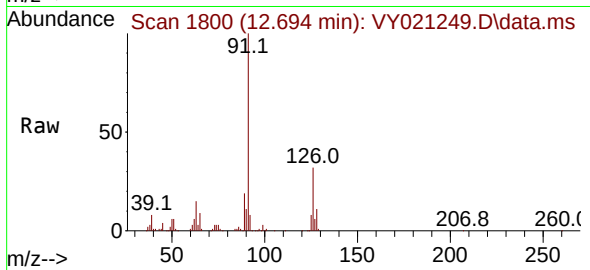




#79
2-Chlorotoluene
Concen: 20.250 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

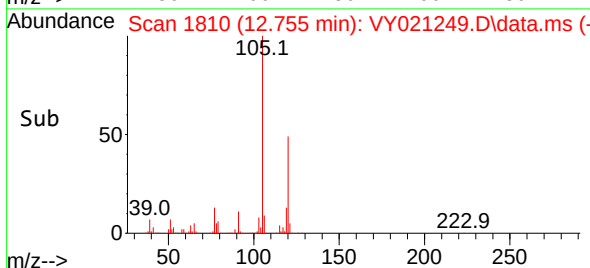
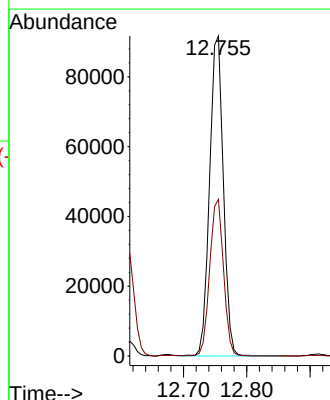
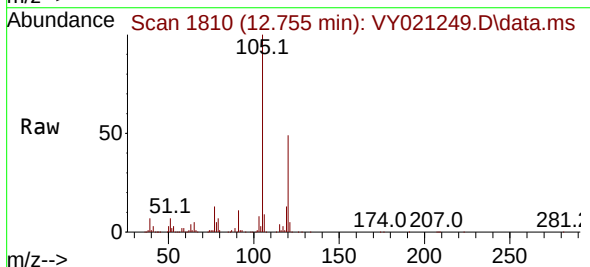
Instrument :
MSVOA_Y
ClientSampleId :

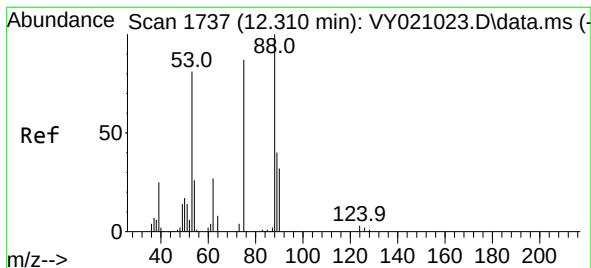
Tgt Ion: 91 Resp: 115735
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.426 ug/l
RT: 12.755 min Scan# 1810
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 105 Resp: 138726
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

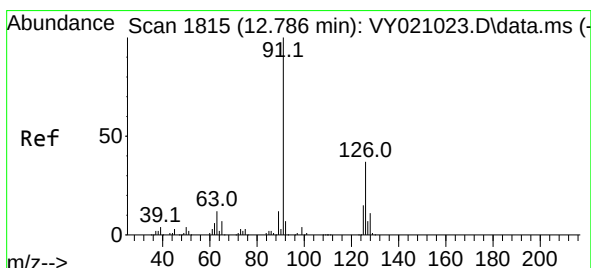
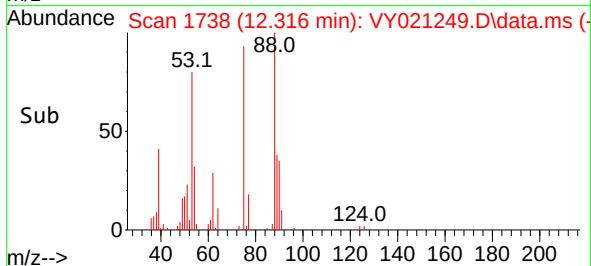
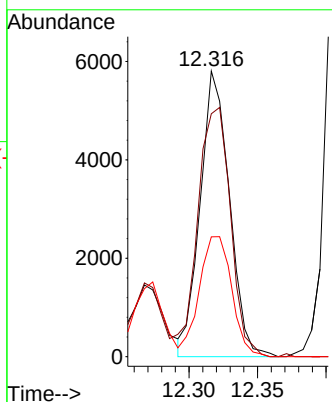
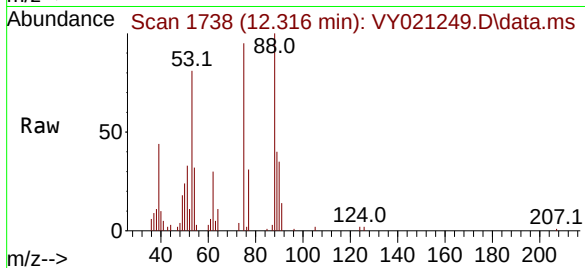




#81
trans-1,4-Dichloro-2-butene
Concen: 18.064 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

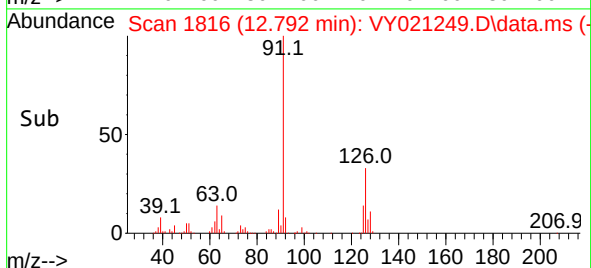
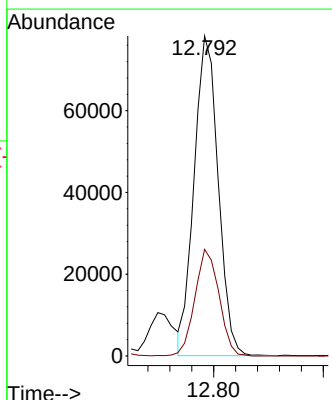
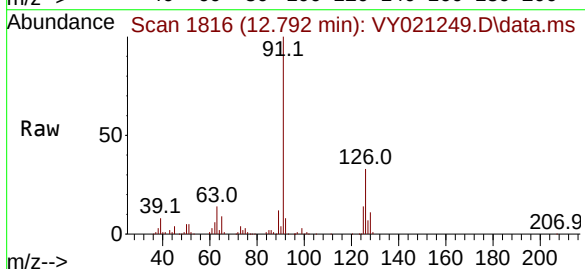
Instrument :
MSVOA_Y
ClientSampleId :

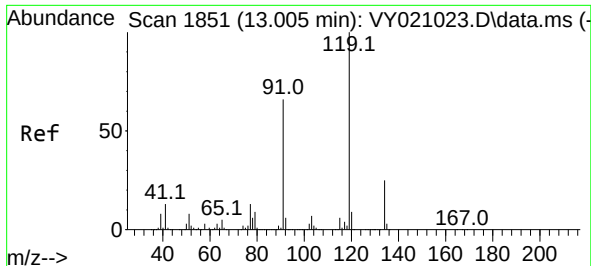
Tgt Ion: 75 Resp: 8612
Ion Ratio Lower Upper
75 100
53 98.2 74.0 111.0
89 46.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.460 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 91 Resp: 119143
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2

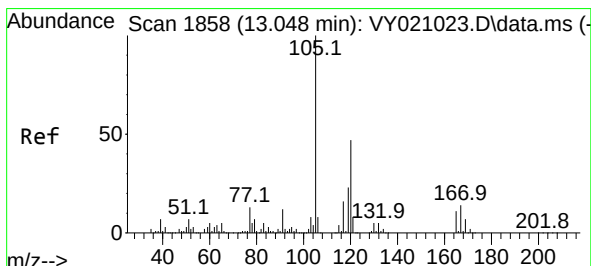
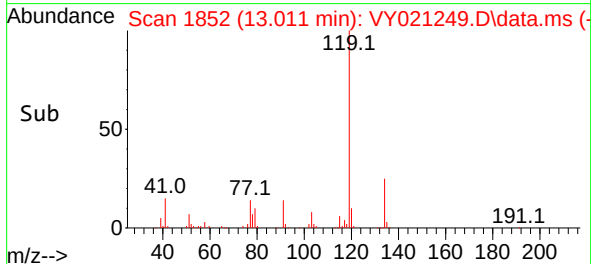
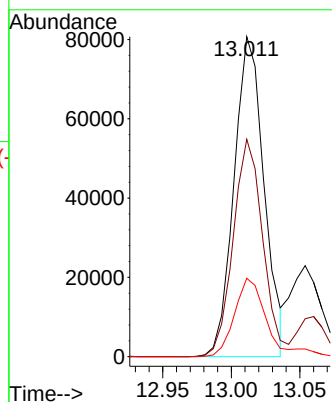
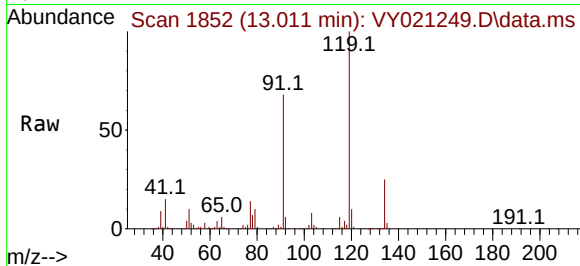




#83
tert-Butylbenzene
Concen: 19.937 ug/l
RT: 13.011 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

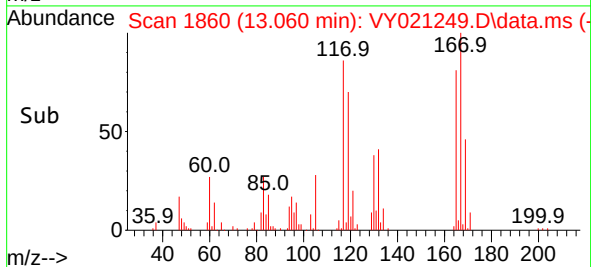
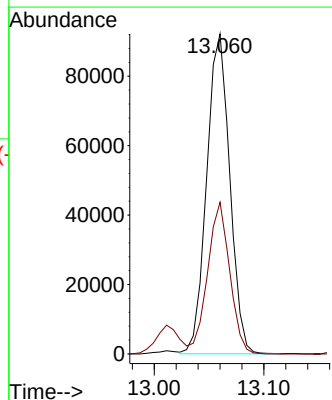
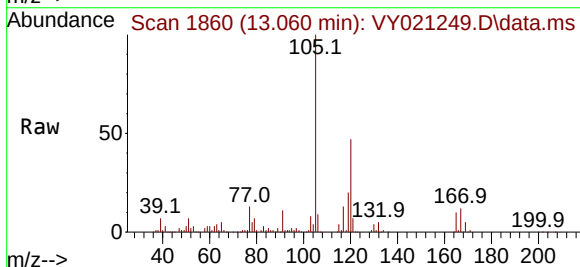
Instrument :
MSVOA_Y
ClientSampleId :

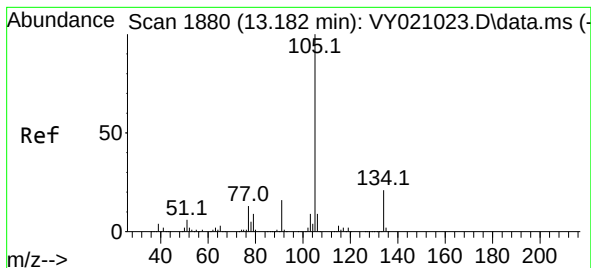
Tgt Ion:119 Resp: 123082
Ion Ratio Lower Upper
119 100
91 67.0 31.5 94.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.302 ug/l
RT: 13.060 min Scan# 1860
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion:105 Resp: 134824
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.454 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

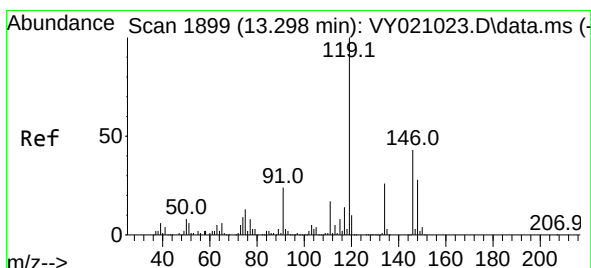
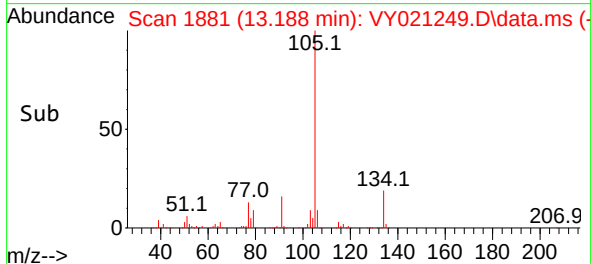
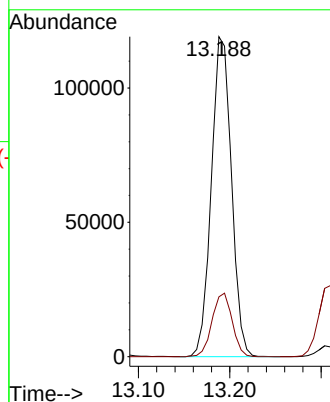
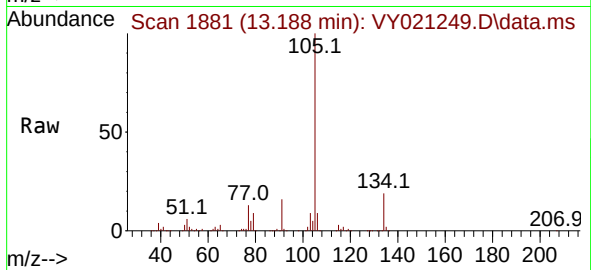
ClientSampleId :

Tgt Ion:105 Resp: 181763

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.304 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

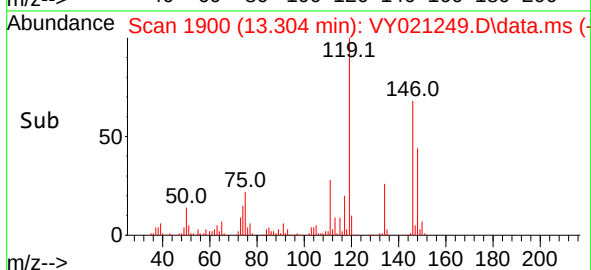
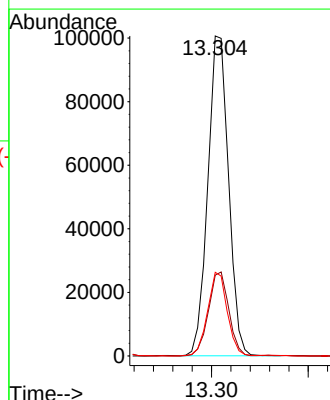
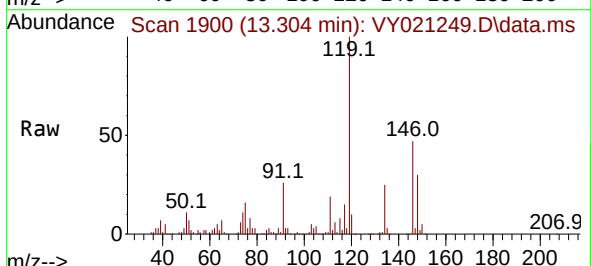
Tgt Ion:119 Resp: 149881

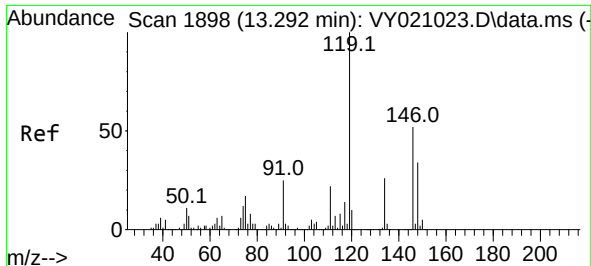
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 24.8 11.7 35.0

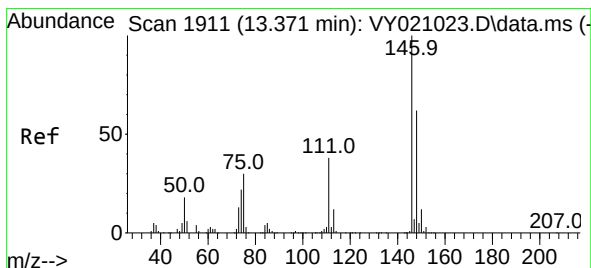
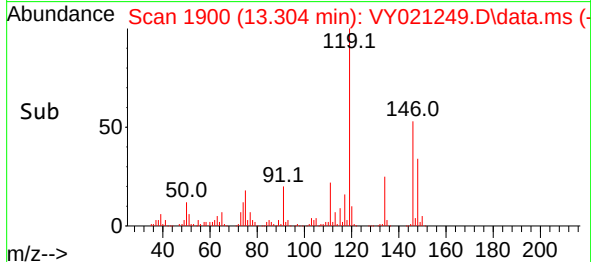
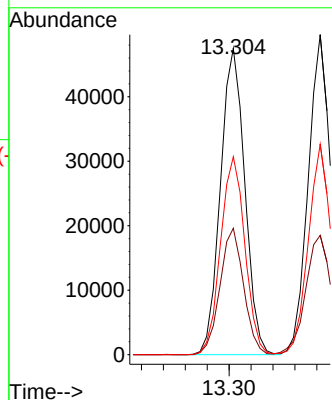
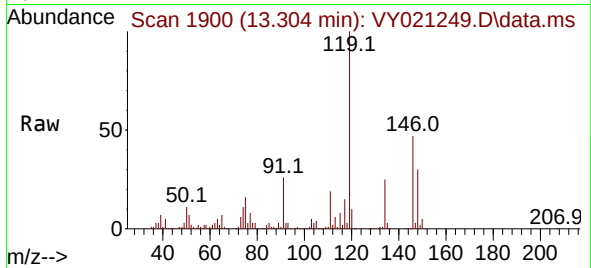




#87
1,3-Dichlorobenzene
Concen: 19.638 ug/l
RT: 13.304 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

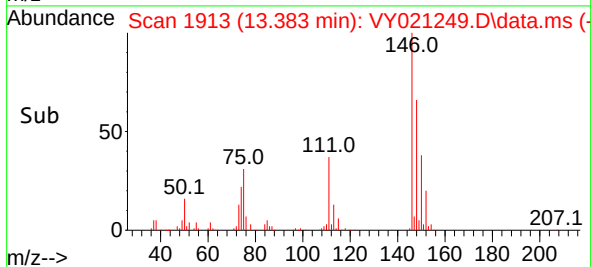
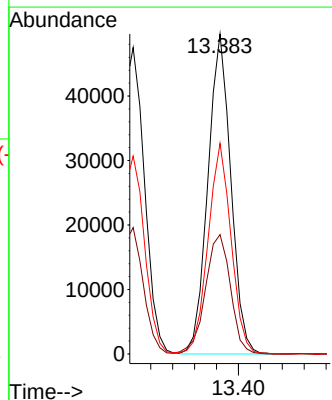
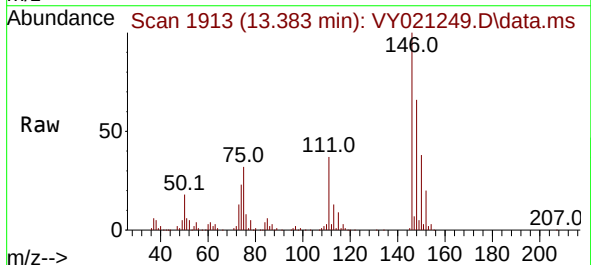
Instrument :
MSVOA_Y
ClientSampleId :

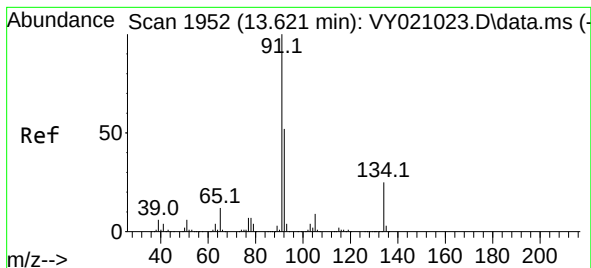
Tgt Ion:146 Resp: 73300
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.626 ug/l
RT: 13.383 min Scan# 1913
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion:146 Resp: 72127
Ion Ratio Lower Upper
146 100
111 40.8 19.3 57.9
148 66.2 31.6 94.7





#89

n-Butylbenzene

Concen: 20.271 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

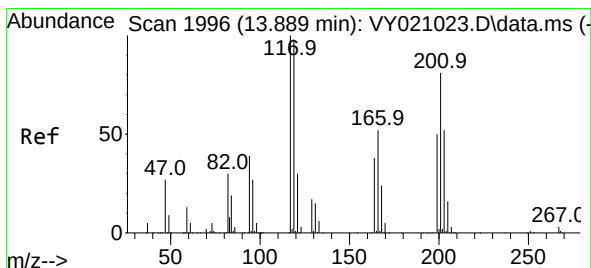
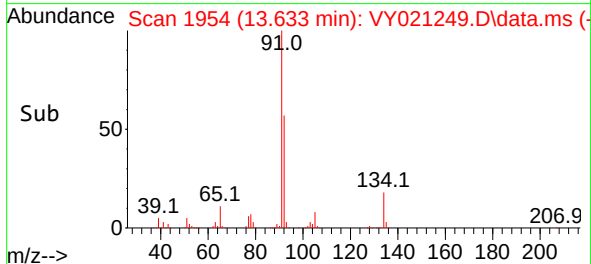
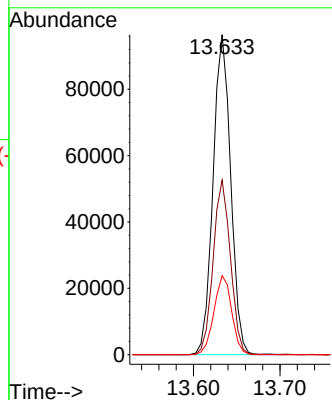
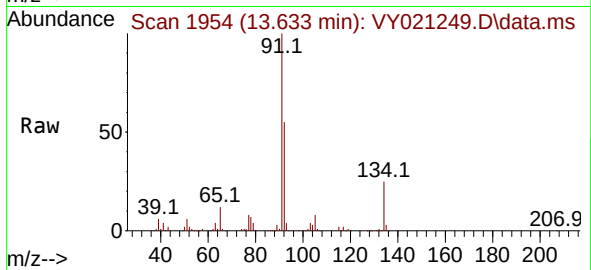
Tgt Ion: 91 Resp: 136509

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 19.678 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VY021249.D

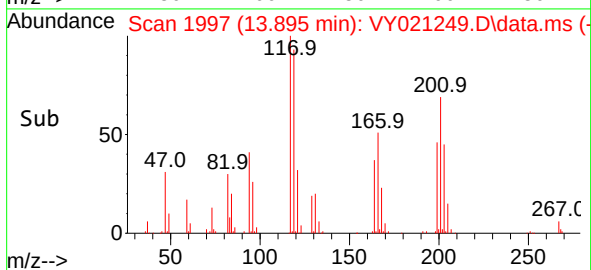
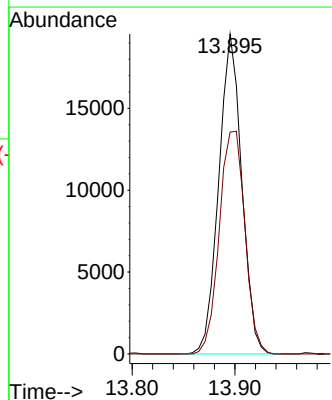
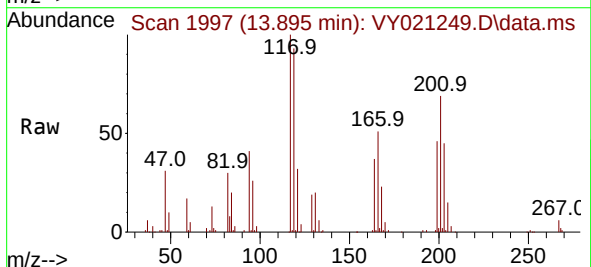
Acq: 20 Feb 2025 15:04

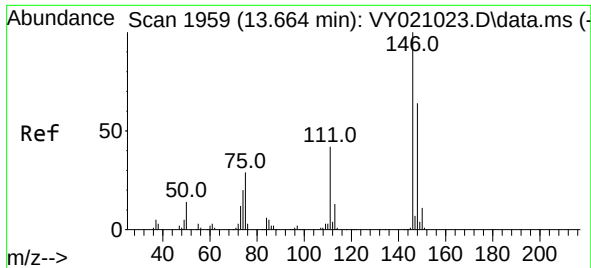
Tgt Ion: 117 Resp: 30303

Ion Ratio Lower Upper

117 100

201 77.7 33.4 100.1

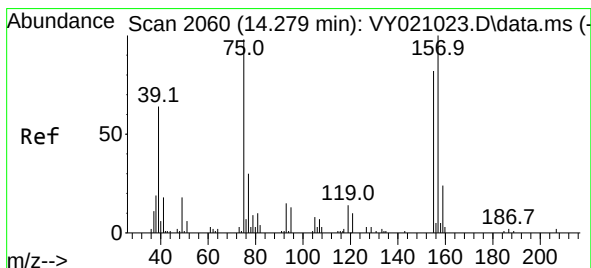
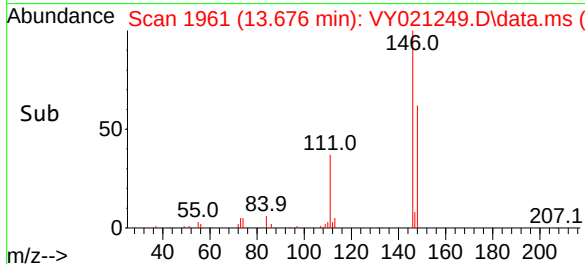
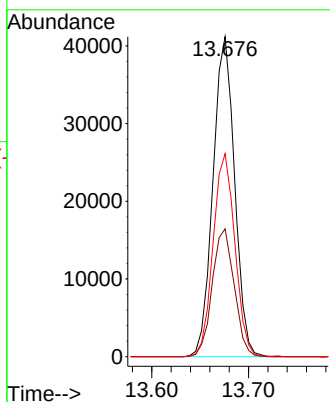
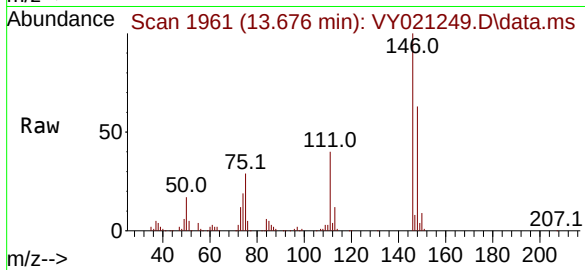




#91
1,2-Dichlorobenzene
Concen: 19.721 ug/l
RT: 13.676 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

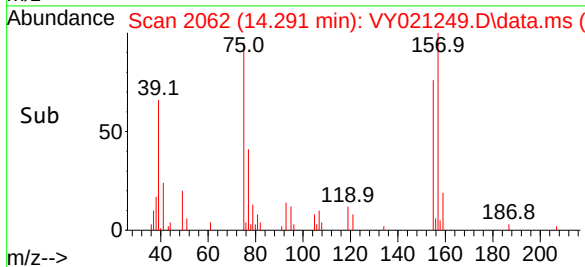
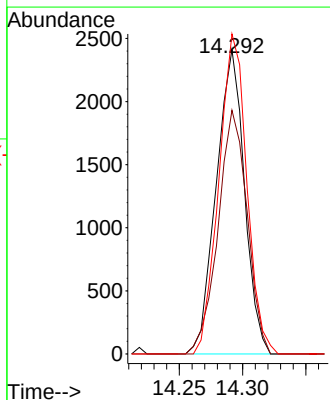
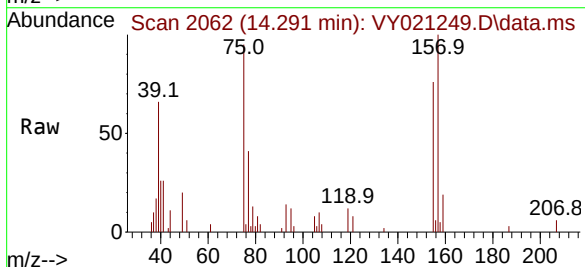
Instrument :
MSVOA_Y
ClientSampleId :

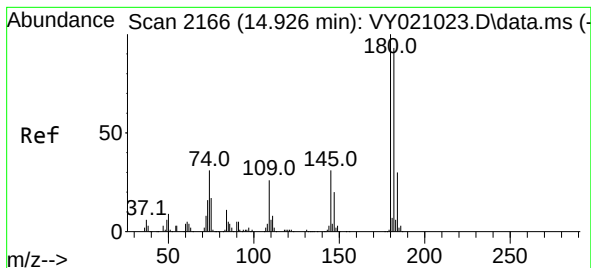
Tgt Ion:146 Resp: 63891
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.882 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.012 min
Lab File: VY021249.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 75 Resp: 3723
Ion Ratio Lower Upper
75 100
155 82.9 42.1 126.3
157 104.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.435 ug/l

RT: 14.938 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

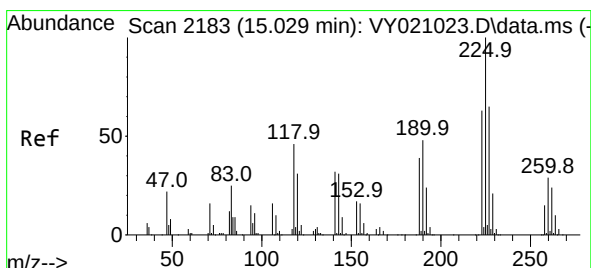
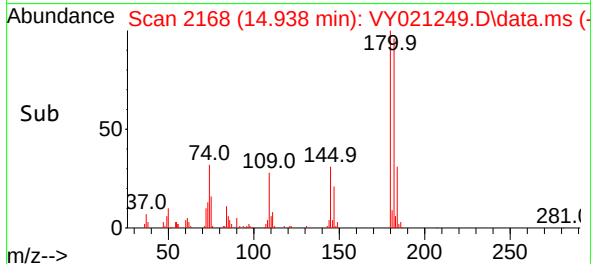
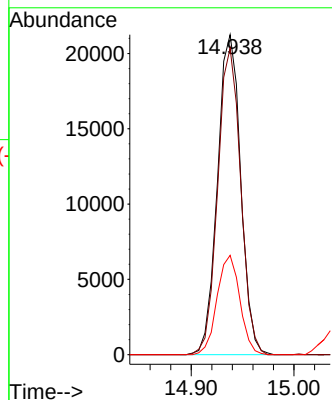
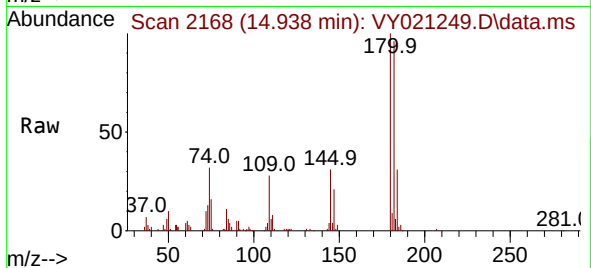
Tgt Ion:180 Resp: 33243

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.290 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

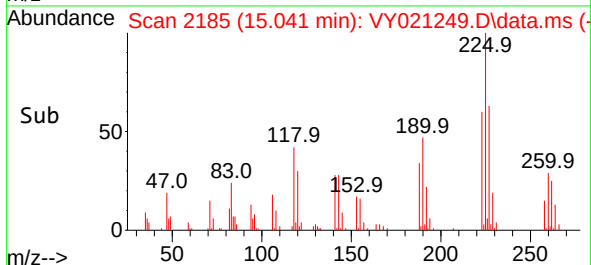
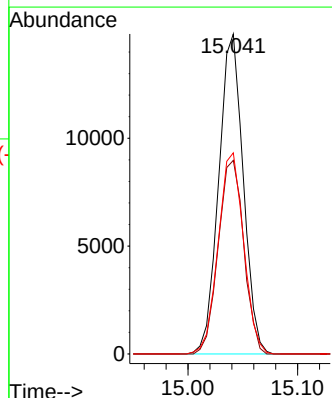
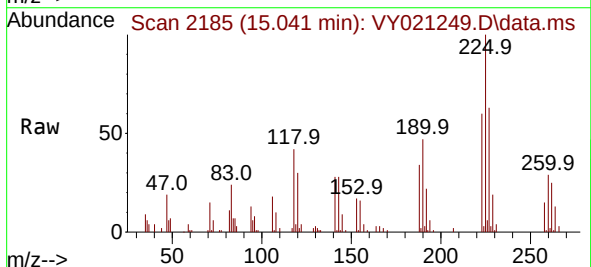
Tgt Ion:225 Resp: 23052

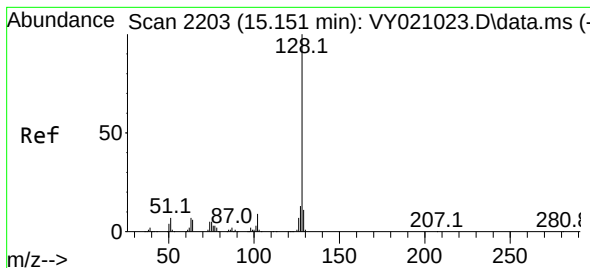
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 17.085 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

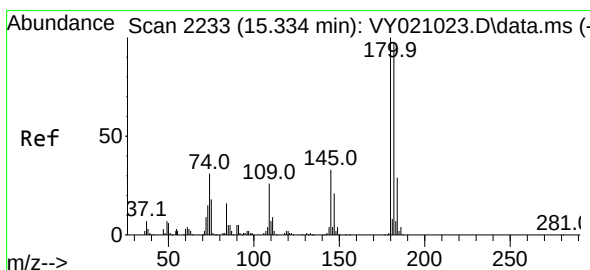
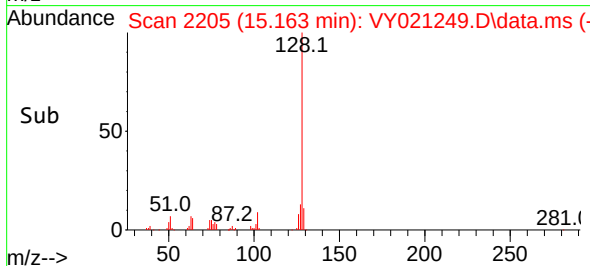
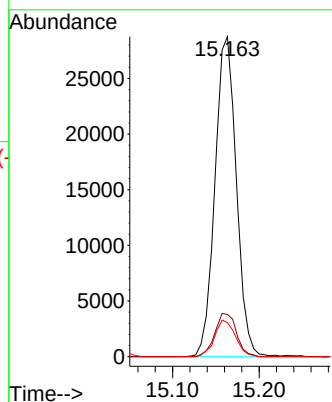
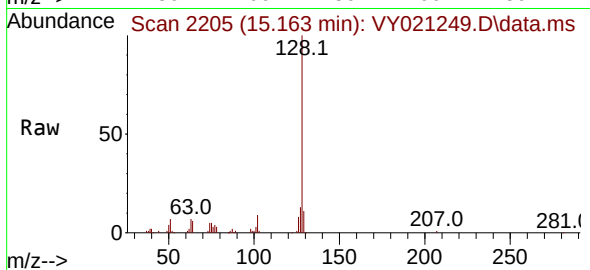
Tgt Ion:128 Resp: 49292

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.233 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY021249.D

Acq: 20 Feb 2025 15:04

Tgt Ion:180 Resp: 27363

Ion Ratio Lower Upper

180 100

182 95.8 46.3 138.8

145 32.7 16.1 48.2

