

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020929.D
 Acq On : 24 Jan 2025 14:50
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:48:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	277863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	404615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	343708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	159694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	321950	145.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 290.640%#	
35) Dibromofluoromethane	7.646	113	344873	148.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 296.940%#	
50) Toluene-d8	10.115	98	1346111	149.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 298.800%#	
62) 4-Bromofluorobenzene	12.414	95	441957	147.391	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 294.780%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	310796	147.884	ug/l	99
3) Chloromethane	2.074	50	230764	147.631	ug/l	97
4) Vinyl Chloride	2.214	62	258098	151.500	ug/l	98
5) Bromomethane	2.605	94	159242	138.007	ug/l	98
6) Chloroethane	2.745	64	150359	150.437	ug/l	97
7) Trichlorofluoromethane	3.074	101	557315	153.971	ug/l	96
8) Diethyl Ether	3.464	74	174523	156.880	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	365115	152.875	ug/l	99
10) Methyl Iodide	4.019	142	459572	161.464	ug/l	99
11) Tert butyl alcohol	4.885	59	98630	576.707	ug/l	100
12) 1,1-Dichloroethene	3.806	96	351022	155.630	ug/l	98
13) Acrolein	3.665	56	177155	764.099	ug/l	97
14) Allyl chloride	4.397	41	495487	157.395	ug/l	99
15) Acrylonitrile	5.074	53	332632	760.663	ug/l	99
16) Acetone	3.885	43	218230	727.039	ug/l	93
17) Carbon Disulfide	4.123	76	1081484	155.262	ug/l	100
18) Methyl Acetate	4.397	43	161739	149.161	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	817565	156.498	ug/l	99
20) Methylene Chloride	4.635	84	335626	150.345	ug/l	98
21) trans-1,2-Dichloroethene	5.135	96	373801	153.713	ug/l	98
22) Diisopropyl ether	6.037	45	969992	153.185	ug/l	97
23) Vinyl Acetate	5.976	43	2722107	776.741	ug/l	99
24) 1,1-Dichloroethane	5.933	63	620975	154.703	ug/l	100
25) 2-Butanone	6.909	43	380944	749.216	ug/l	98
26) 2,2-Dichloropropane	6.903	77	591403	149.583	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	424941	154.834	ug/l	99
28) Bromochloromethane	7.256	49	247375	153.128	ug/l	100
29) Tetrahydrofuran	7.274	42	258283	762.199	ug/l	98
30) Chloroform	7.433	83	658549	155.015	ug/l	100
31) Cyclohexane	7.713	56	567808	143.926	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	638490	154.945	ug/l	100
36) 1,1-Dichloropropene	7.847	75	497951	153.542	ug/l	100
37) Ethyl Acetate	6.994	43	185129	147.131	ug/l	99
38) Carbon Tetrachloride	7.829	117	607007	155.205	ug/l	99
39) Methylcyclohexane	9.116	83	694607	158.206	ug/l	100
40) Benzene	8.091	78	1462146	153.678	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	113732	171.106	ug/l	93
42) 1,2-Dichloroethane	8.171	62	363795	153.667	ug/l	99
43) Isopropyl Acetate	8.207	43	384473	161.137	ug/l	100
44) Trichloroethene	8.872	130	403442	156.082	ug/l	100
45) 1,2-Dichloropropane	9.152	63	328095	156.221	ug/l	97
46) Dibromomethane	9.237	93	185339	155.229	ug/l	99
47) Bromodichloromethane	9.433	83	499364	157.187	ug/l	98
48) Methyl methacrylate	9.225	41	181962	161.667	ug/l	99
49) 1,4-Dioxane	9.237	88	37947	3086.764	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	938516	780.092	ug/l	98
52) Toluene	10.176	92	952872	155.721	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	469597	161.215	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	552753	158.921	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	248552	154.005	ug/l	98
56) Ethyl methacrylate	10.445	69	356853	168.715	ug/l	98
57) 1,3-Dichloropropane	10.725	76	422652	154.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	803761	837.262	ug/l	99
59) 2-Hexanone	10.768	43	624904	807.765	ug/l	100
60) Dibromochloromethane	10.920	129	359156	158.120	ug/l	98
61) 1,2-Dibromoethane	11.024	107	240533	155.820	ug/l	99
64) Tetrachloroethene	10.658	164	369115	154.318	ug/l	98
65) Chlorobenzene	11.450	112	1043145	155.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	367808	153.997	ug/l	100
67) Ethyl Benzene	11.524	91	1832080	156.212	ug/l	100
68) m/p-Xylenes	11.639	106	1400598	311.877	ug/l	100
69) o-Xylene	11.963	106	654879	156.114	ug/l	99
70) Styrene	11.975	104	1084023	157.680	ug/l	99
71) Bromoform	12.139	173	208492	154.159	ug/l #	99
73) Isopropylbenzene	12.261	105	1743202	158.495	ug/l	100
74) N-amyl acetate	12.078	43	332775	170.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	262465	153.376	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	345986	306.427	ug/l #	100
77) Bromobenzene	12.542	156	408593	158.485	ug/l	99
78) n-propylbenzene	12.603	91	2002187	156.282	ug/l	99
79) 2-Chlorotoluene	12.688	91	1136871	156.460	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1378679	156.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	96991	165.961	ug/l	99
82) 4-Chlorotoluene	12.786	91	1143182	154.069	ug/l	99
83) tert-Butylbenzene	13.005	119	1267671	155.515	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	1368819	157.334	ug/l	100
85) sec-Butylbenzene	13.188	105	1818367	156.460	ug/l	100
86) p-Isopropyltoluene	13.298	119	1539802	156.824	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	758486	153.637	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	744117	153.438	ug/l	100
89) n-Butylbenzene	13.627	91	1380734	159.423	ug/l	99
90) Hexachloroethane	13.889	117	313343	160.650	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	660246	154.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	41420	161.122	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	449246	174.595	ug/l	99
94) Hexachlorobutadiene	15.035	225	283490	161.033	ug/l	99
95) Naphthalene	15.157	128	774405	187.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	381981	176.701	ug/l	99

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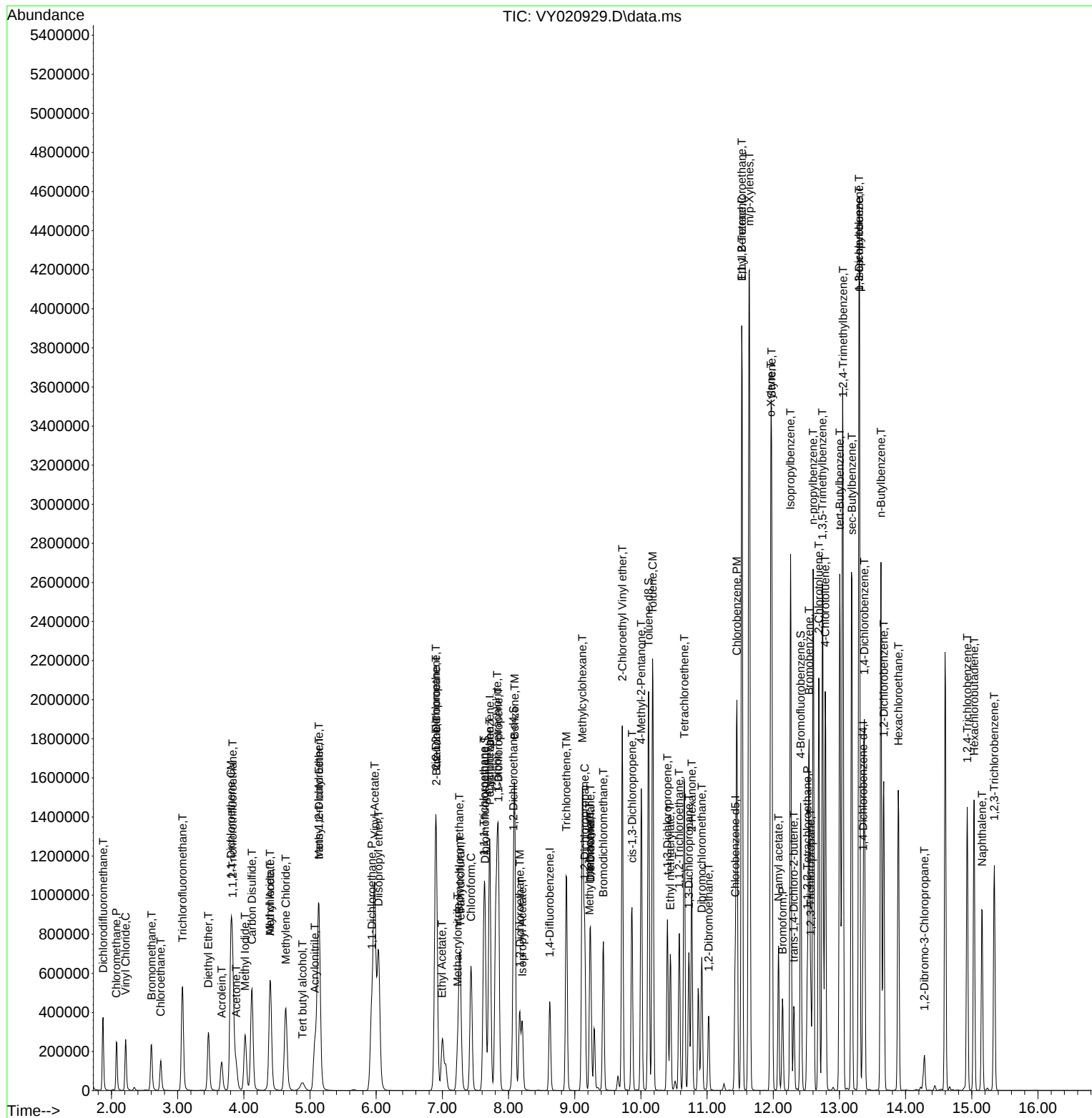
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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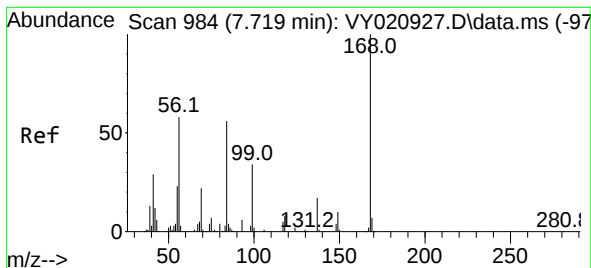
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020929.D

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Instrument :

MSVOA_Y

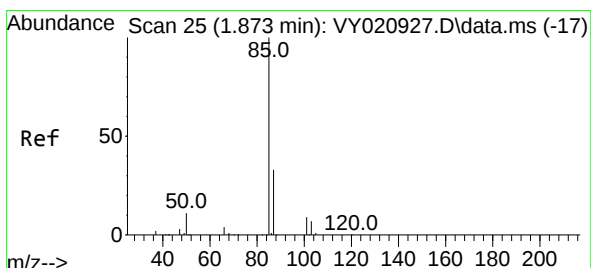
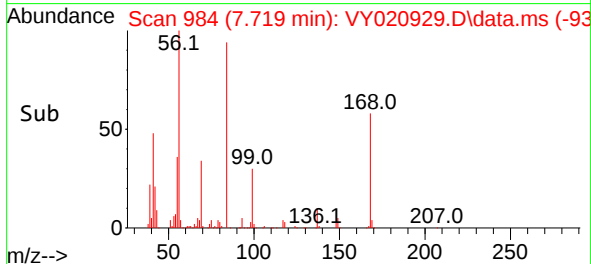
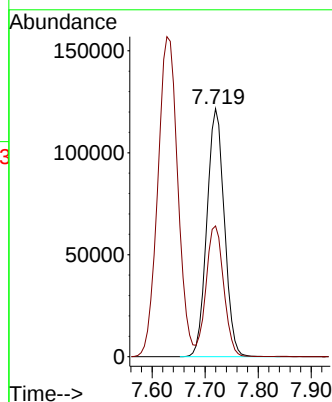
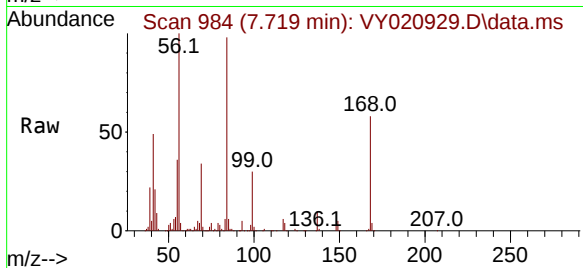
ClientSampleId :

Tgt Ion:168 Resp: 277863

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 147.884 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.000 min

Lab File: VY020929.D

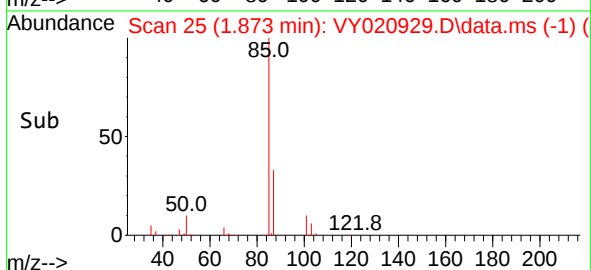
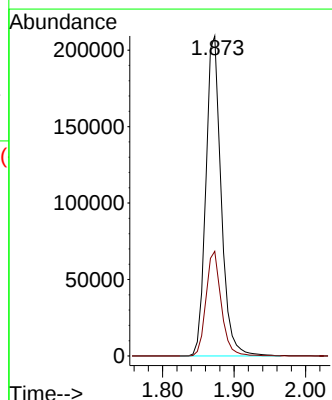
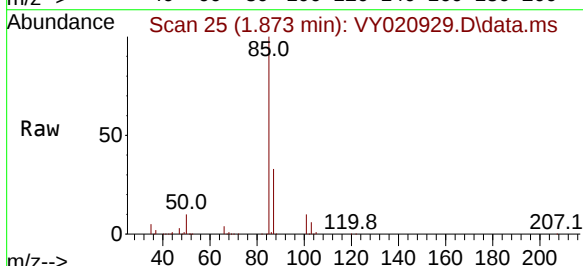
Acq: 24 Jan 2025 14:50

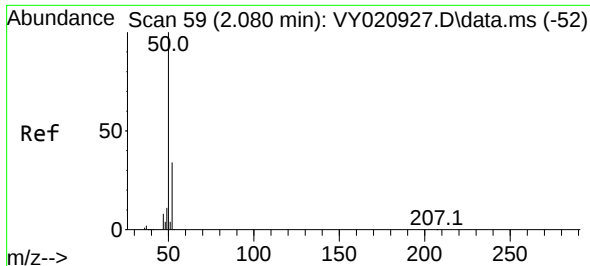
Tgt Ion: 85 Resp: 310796

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8

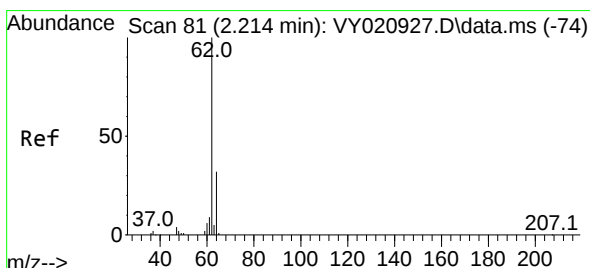
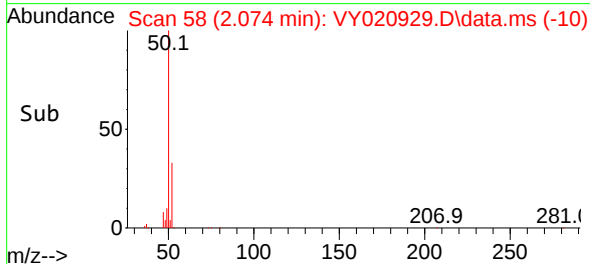
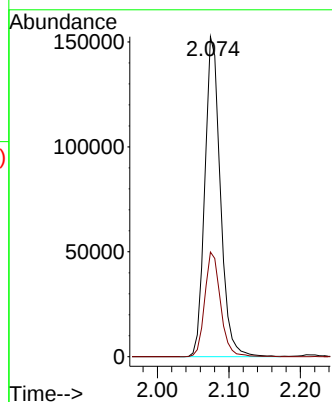
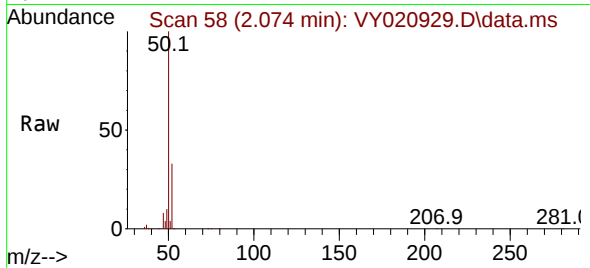




#3
Chloromethane
Concen: 147.631 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020929.D
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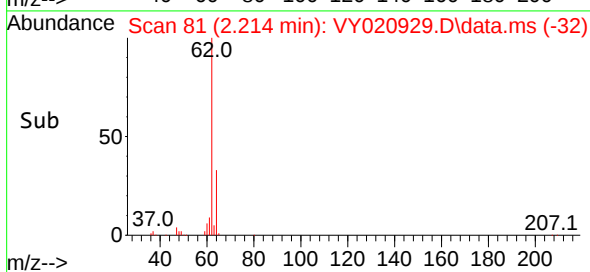
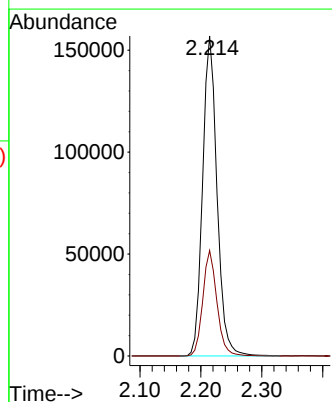
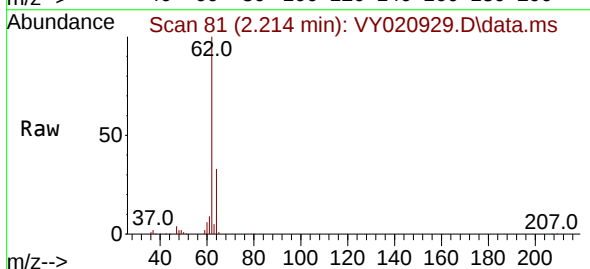
Instrument :
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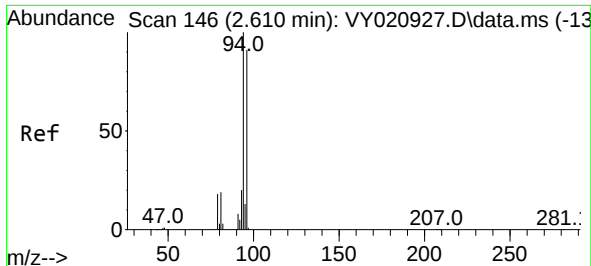
Tgt Ion: 50 Resp: 230764
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.0



#4
Vinyl Chloride
Concen: 151.500 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 62 Resp: 258098
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

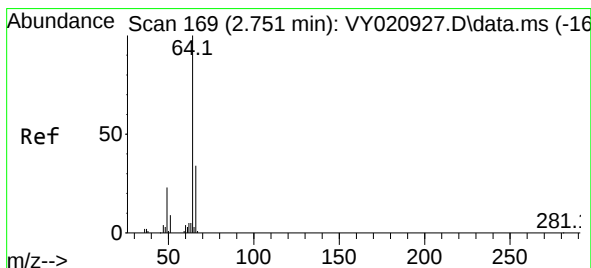
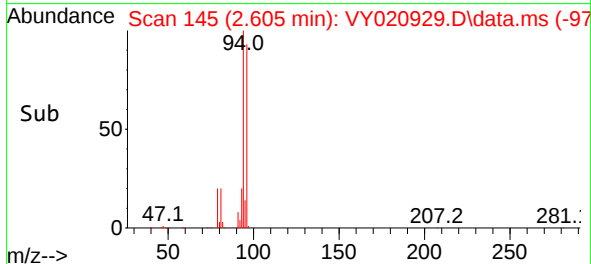
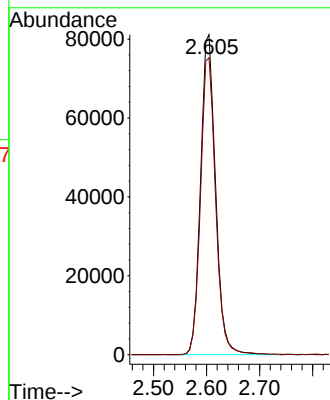
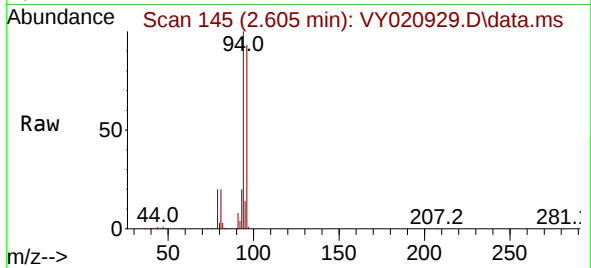




#5
Bromomethane
Concen: 138.007 ug/l
RT: 2.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020929.D
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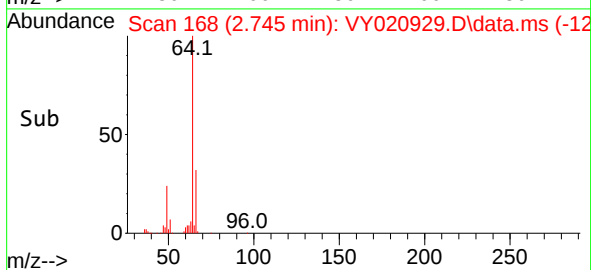
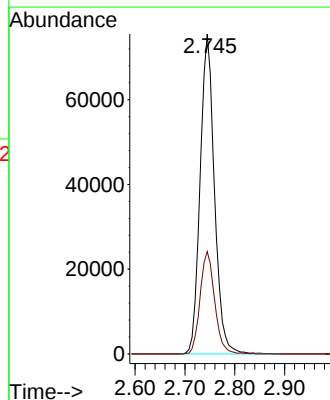
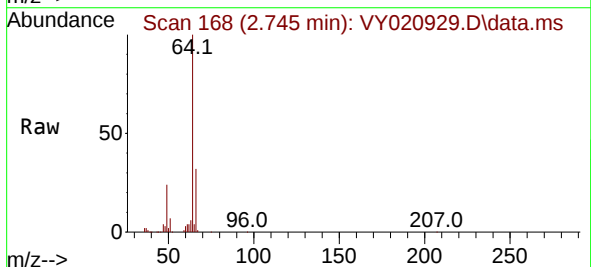
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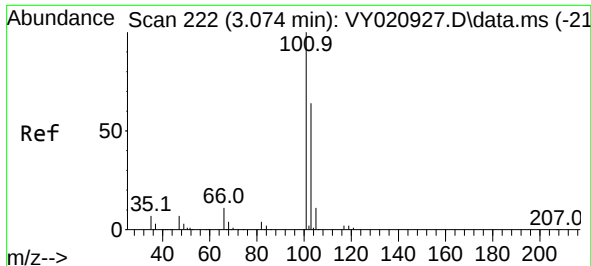
Tgt Ion: 94 Resp: 159242
Ion Ratio Lower Upper
94 100
96 92.7 72.6 109.0



#6
Chloroethane
Concen: 150.437 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 64 Resp: 150359
Ion Ratio Lower Upper
64 100
66 32.0 26.9 40.3

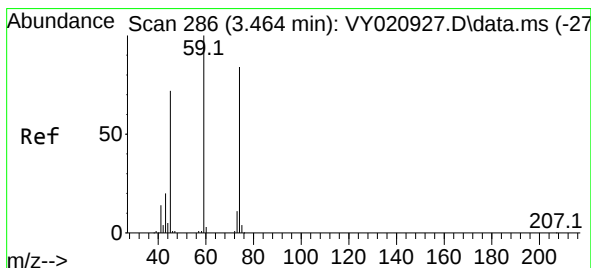
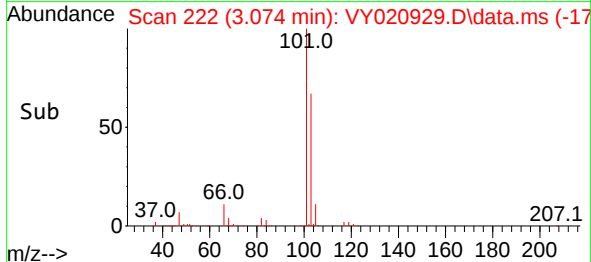
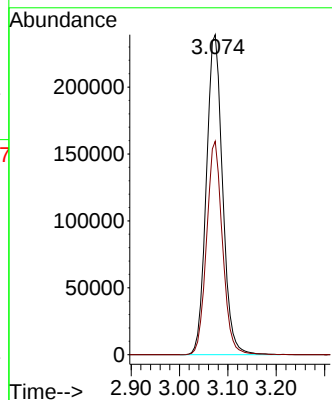
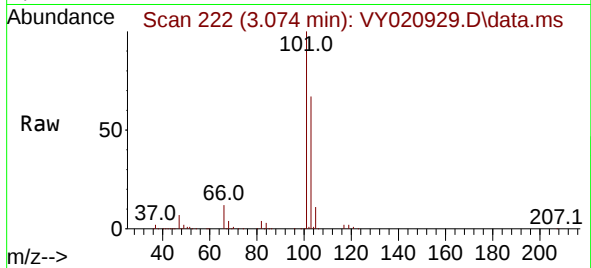




#7
 Trichlorofluoromethane
 Concen: 153.971 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

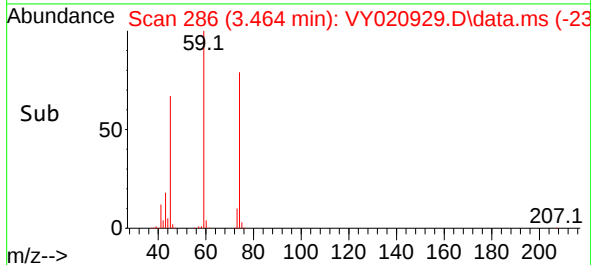
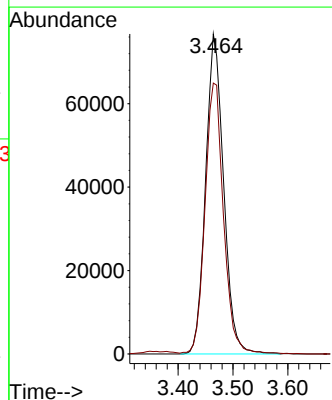
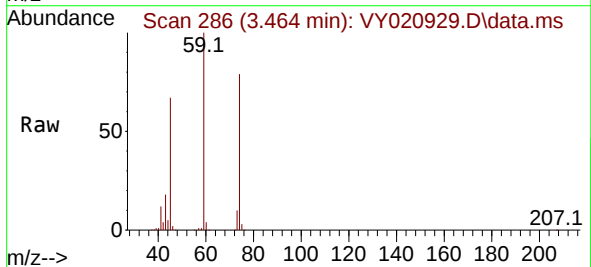
Instrument :
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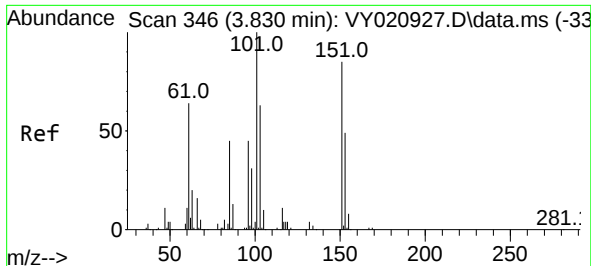
Tgt Ion:101 Resp: 557315
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 156.880 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020929.D
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Tgt Ion: 74 Resp: 174523
 Ion Ratio Lower Upper
 74 100
 45 86.9 45.1 135.2

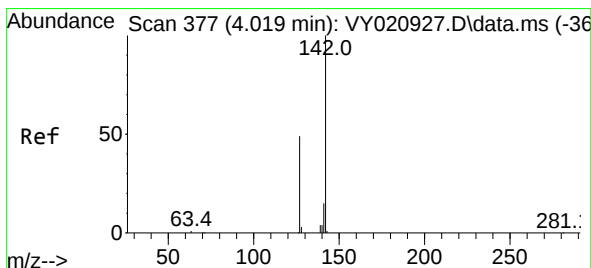
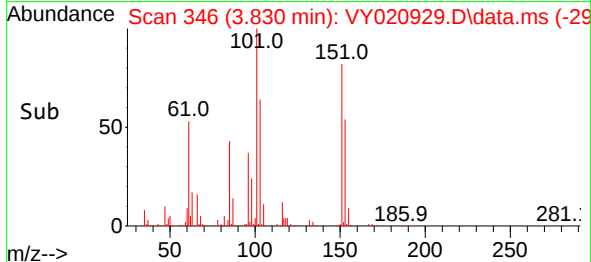
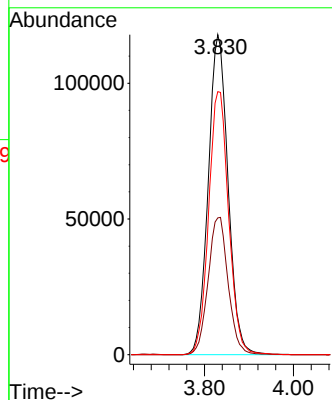
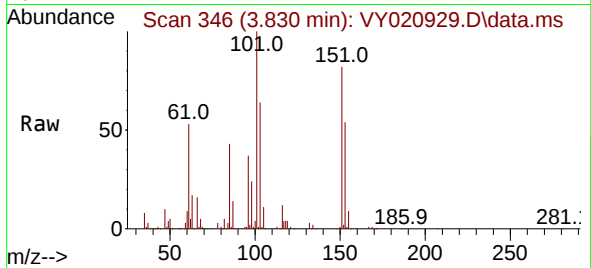




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.875 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

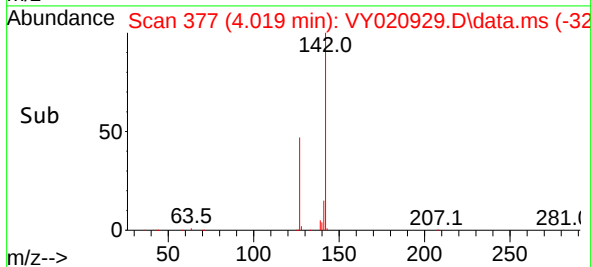
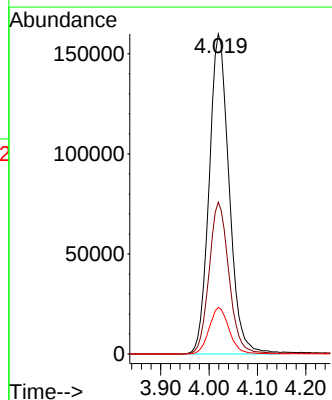
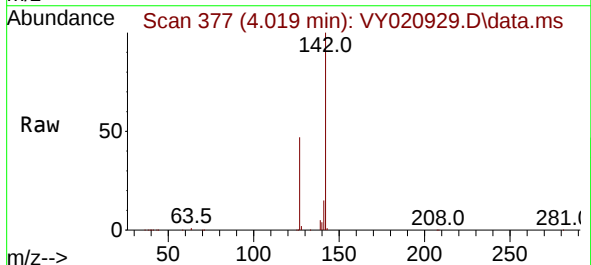
Instrument :
MSVOA_Y
ClientSampleId :

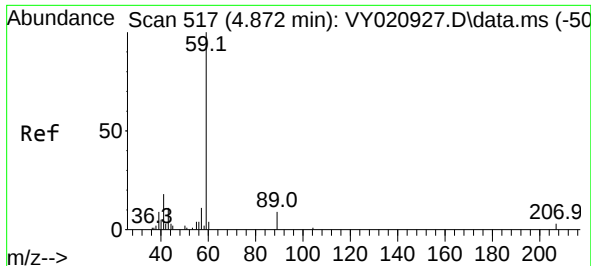
Tgt Ion:101 Resp: 365115
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.2
151 83.1 66.3 99.5



#10
Methyl Iodide
Concen: 161.464 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

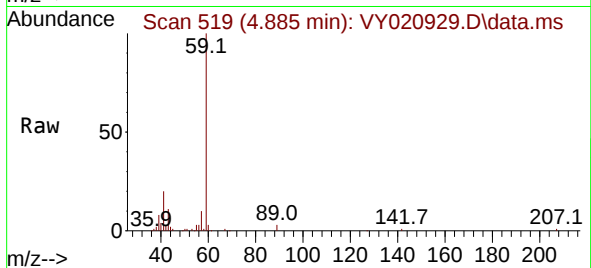
Tgt Ion:142 Resp: 459572
Ion Ratio Lower Upper
142 100
127 47.1 37.3 55.9
141 14.5 11.4 17.2



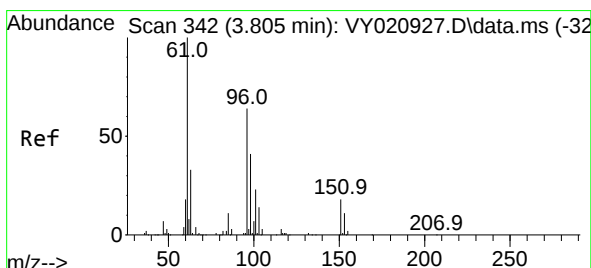
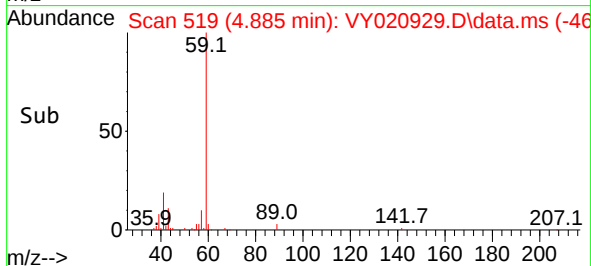
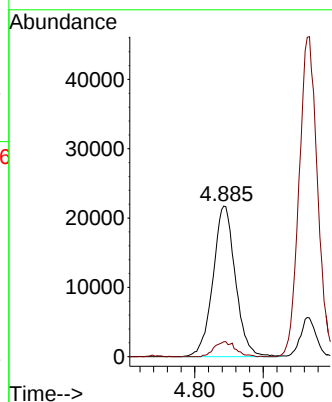


#11
Tert butyl alcohol
Concen: 576.707 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.013 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Instrument :
MSVOA_Y
ClientSampleId :

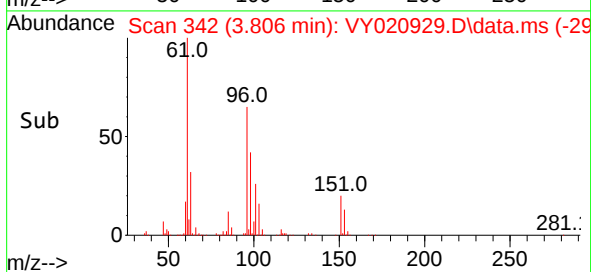
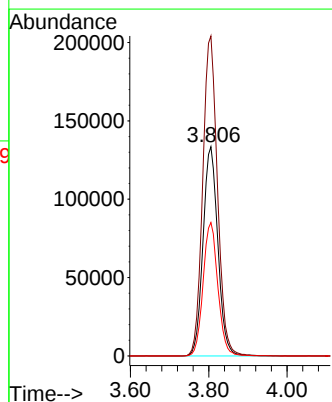
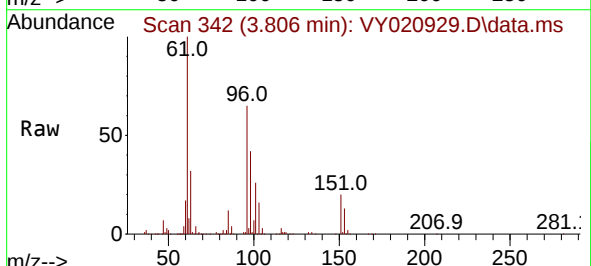


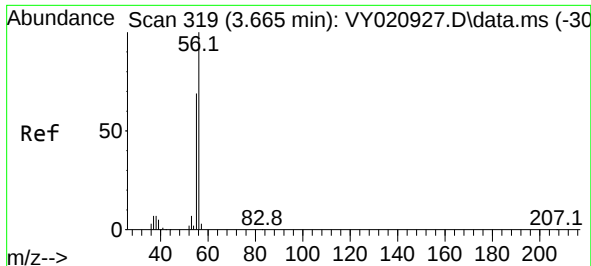
Tgt Ion: 59 Resp: 98630
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 155.630 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 96 Resp: 351022
Ion Ratio Lower Upper
96 100
61 152.9 124.5 186.7
98 63.8 50.5 75.7





#13

Acrolein

Concen: 764.099 ug/l

RT: 3.665 min Scan# 319

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

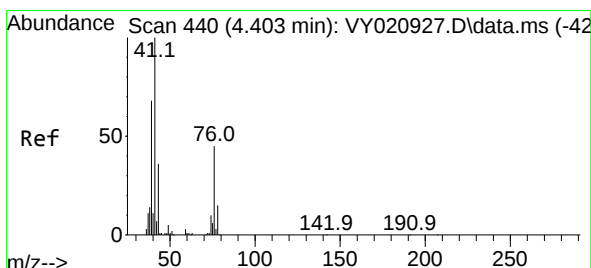
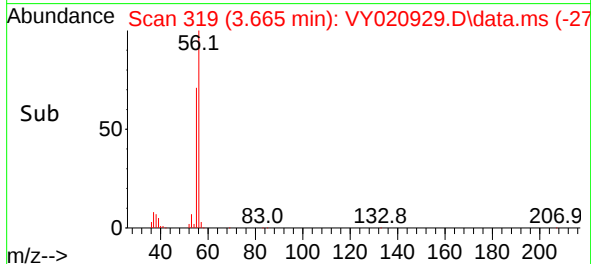
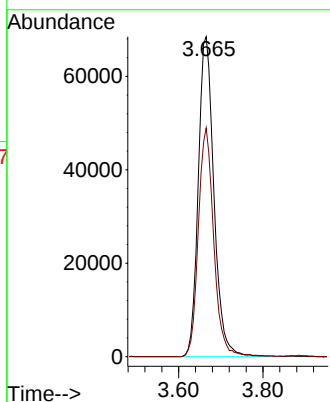
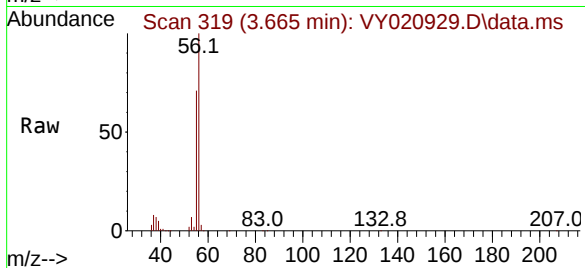
ClientSampleId :

Tgt Ion: 56 Resp: 177155

Ion Ratio Lower Upper

56 100

55 70.3 54.6 81.8



#14

Allyl chloride

Concen: 157.395 ug/l

RT: 4.397 min Scan# 439

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

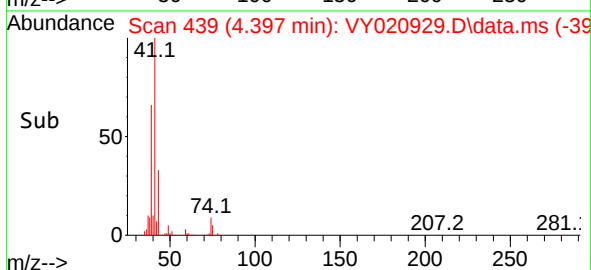
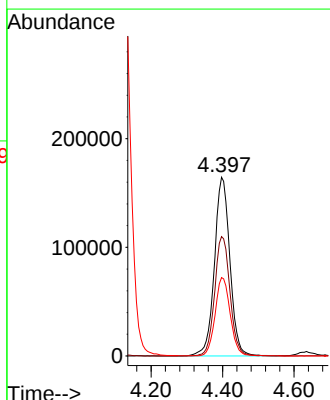
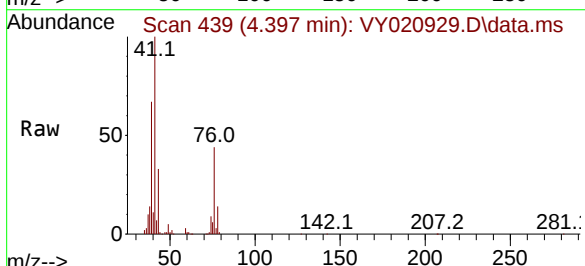
Tgt Ion: 41 Resp: 495487

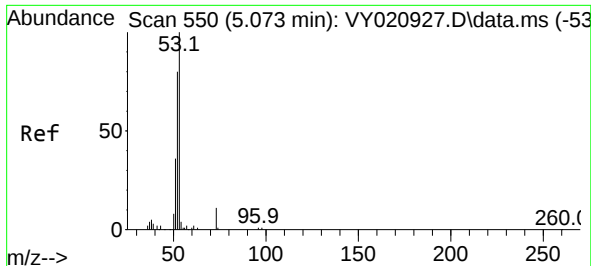
Ion Ratio Lower Upper

41 100

39 66.1 53.8 80.6

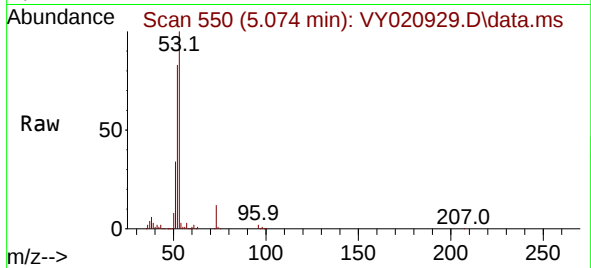
76 42.4 34.2 51.4



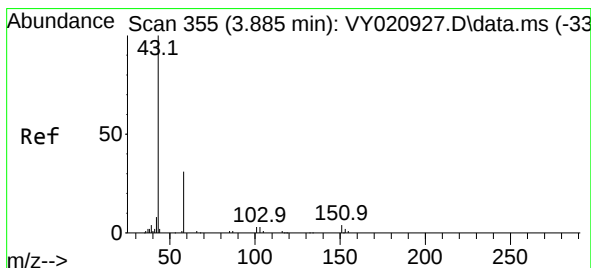
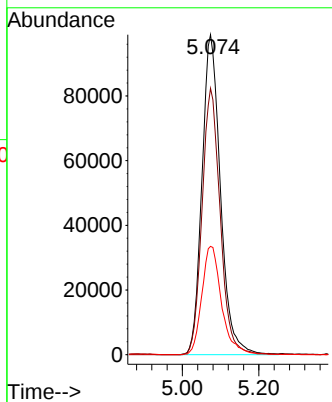
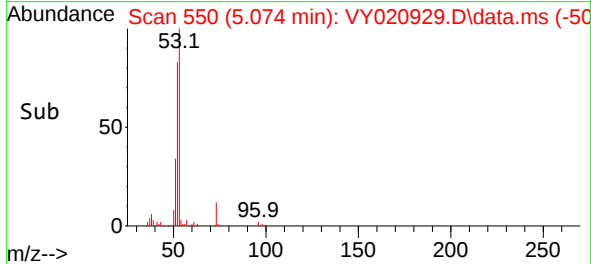


#15
Acrylonitrile
Concen: 760.663 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Instrument :
MSVOA_Y
ClientSampleId :

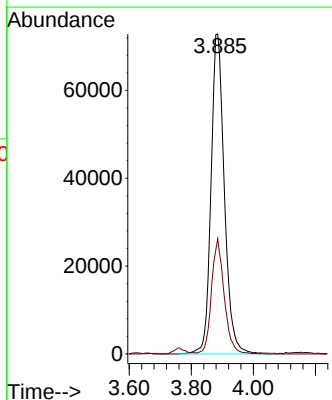
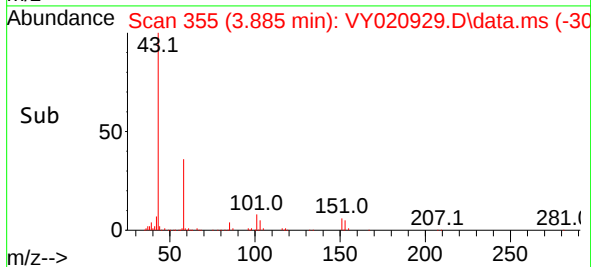
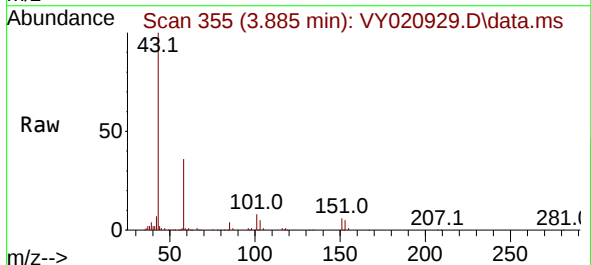


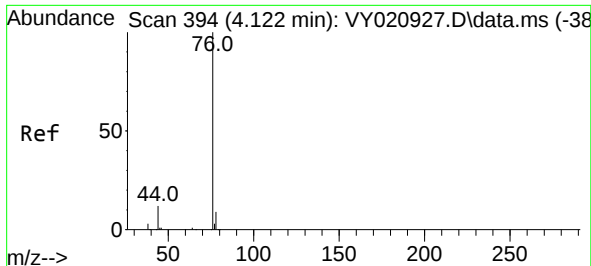
Tgt Ion: 53 Resp: 332632
Ion Ratio Lower Upper
53 100
52 81.5 64.5 96.7
51 36.1 28.9 43.3



#16
Acetone
Concen: 727.039 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 43 Resp: 218230
Ion Ratio Lower Upper
43 100
58 36.0 25.6 38.4

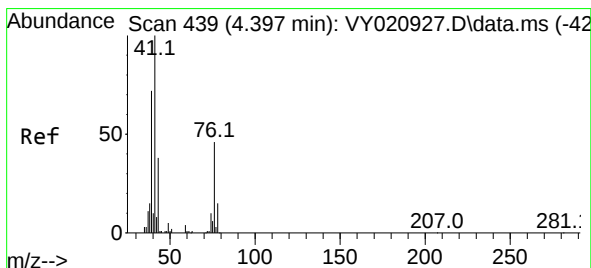
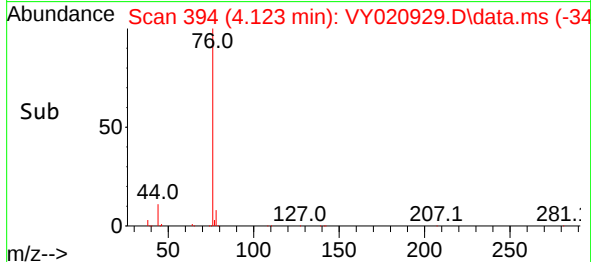
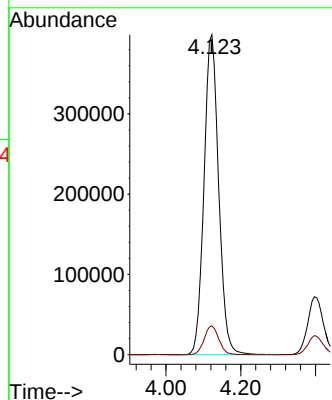
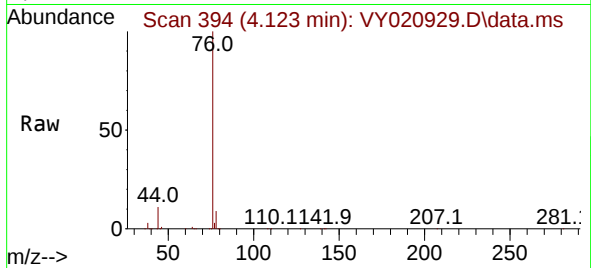




#17
Carbon Disulfide
Concen: 155.262 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

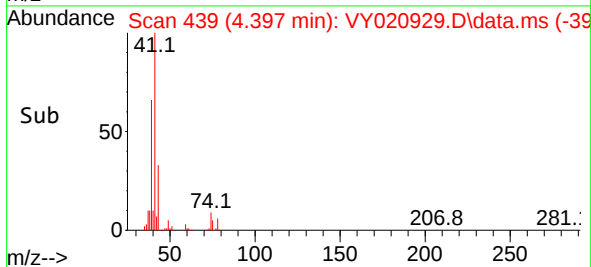
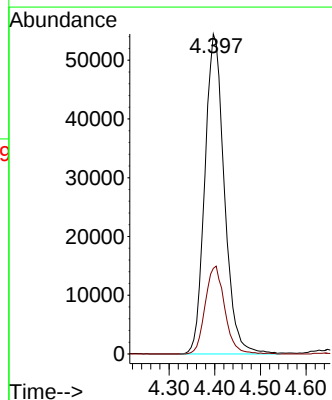
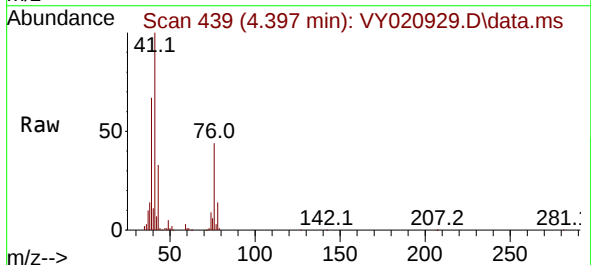
Instrument :
MSVOA_Y
ClientSampleId :

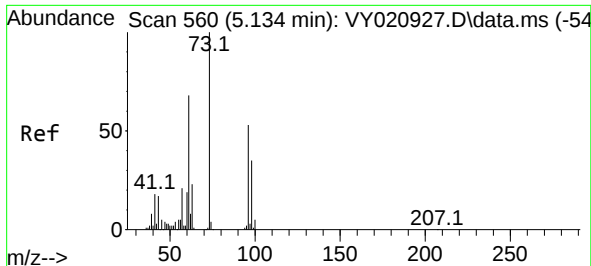
Tgt Ion: 76 Resp: 1081484
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 149.161 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 43 Resp: 161739
Ion Ratio Lower Upper
43 100
74 27.3 21.0 31.6





#19

Methyl tert-butyl Ether

Concen: 156.498 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

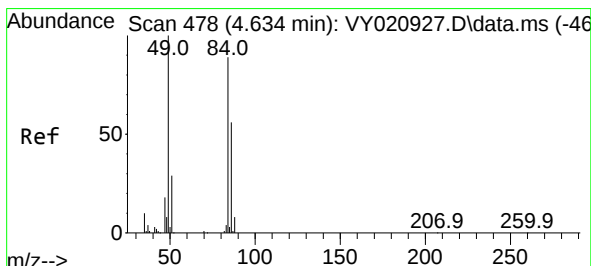
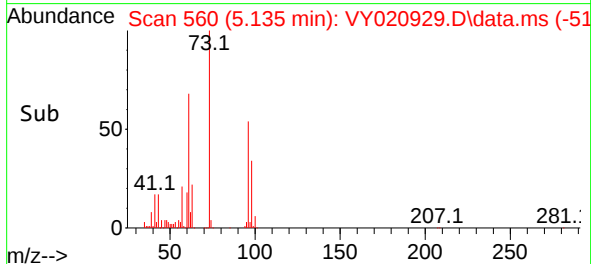
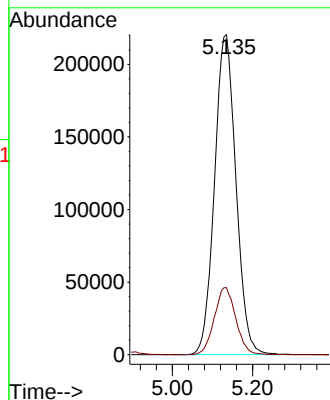
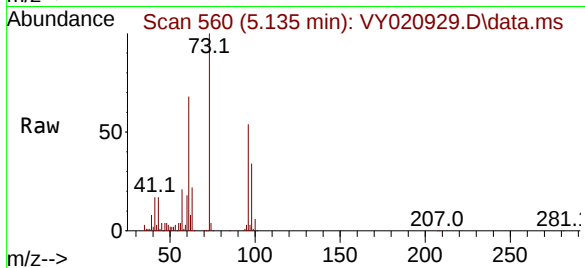
ClientSampleId :

Tgt Ion: 73 Resp: 817565

Ion Ratio Lower Upper

73 100

57 20.9 17.0 25.6



#20

Methylene Chloride

Concen: 150.345 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Tgt Ion: 84 Resp: 335626

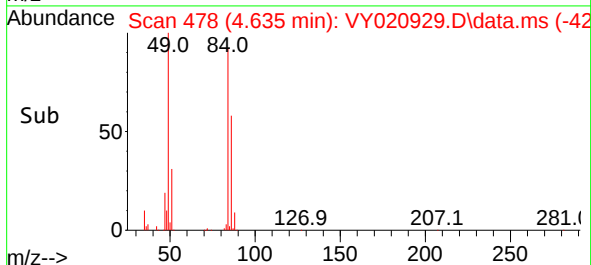
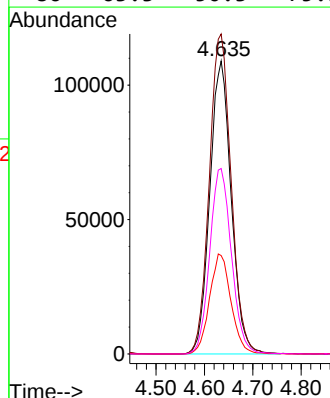
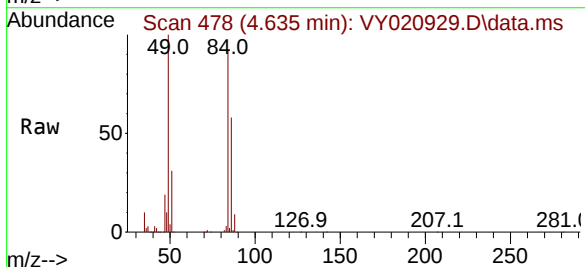
Ion Ratio Lower Upper

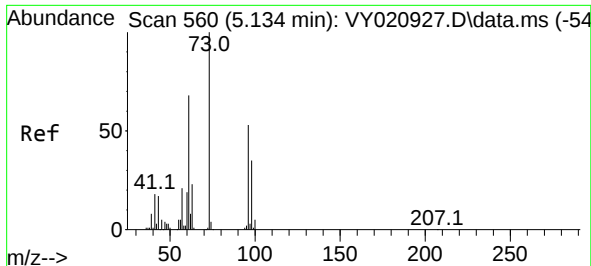
84 100

49 109.3 90.3 135.5

51 33.6 26.6 39.8

86 63.3 50.3 75.5

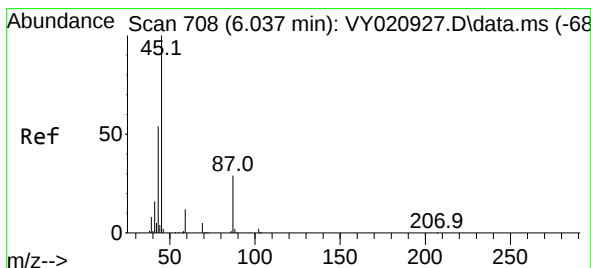
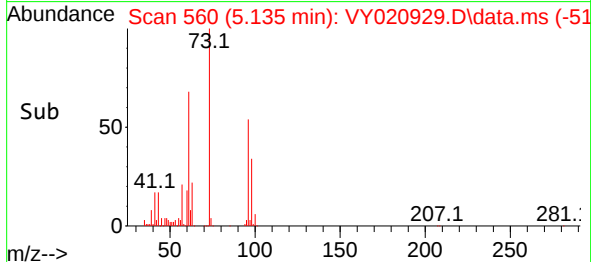
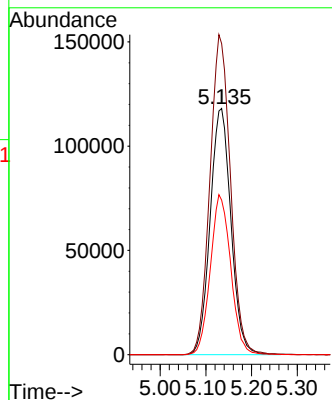
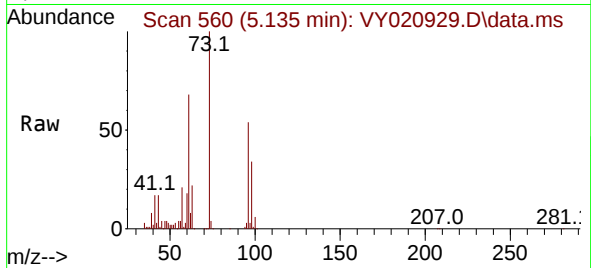




#21
trans-1,2-Dichloroethene
Concen: 153.713 ug/l
RT: 5.135 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

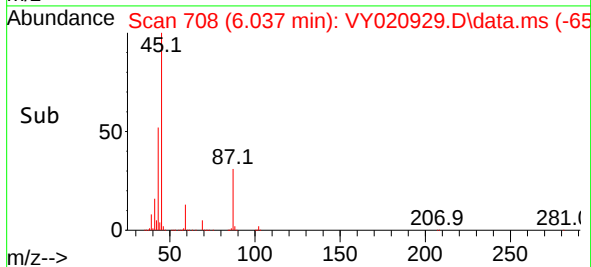
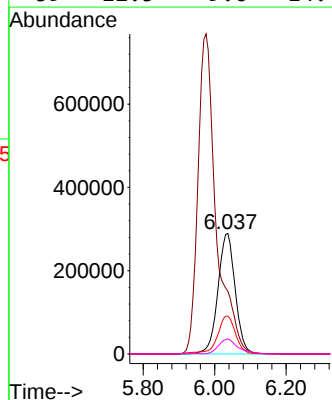
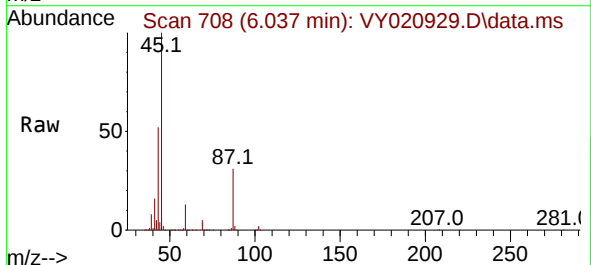
Instrument :
MSVOA_Y
ClientSampleId :

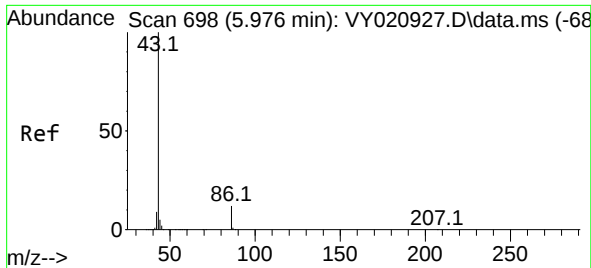
Tgt Ion: 96 Resp: 373801
Ion Ratio Lower Upper
96 100
61 126.3 102.4 153.6
98 62.8 52.0 78.0



#22
Diisopropyl ether
Concen: 153.185 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 45 Resp: 969992
Ion Ratio Lower Upper
45 100
43 52.0 43.2 64.8
87 31.3 23.4 35.0
59 12.5 9.6 14.4

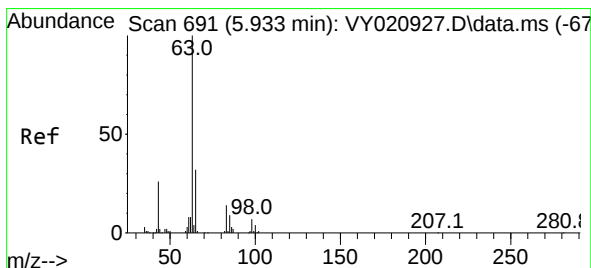
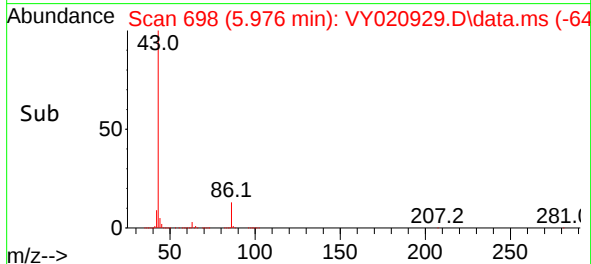
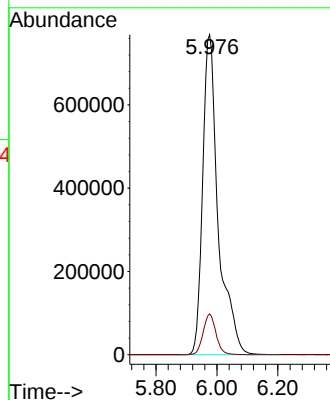
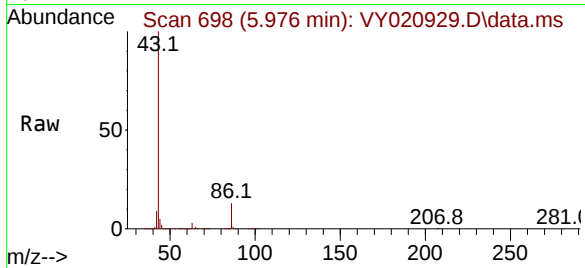




#23
 Vinyl Acetate
 Concen: 776.741 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

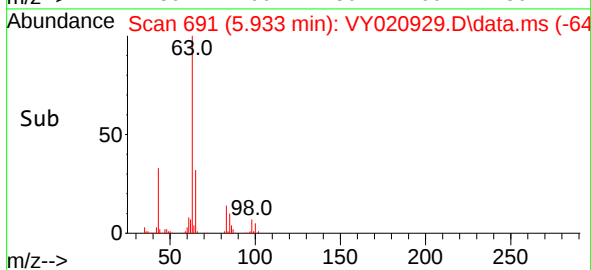
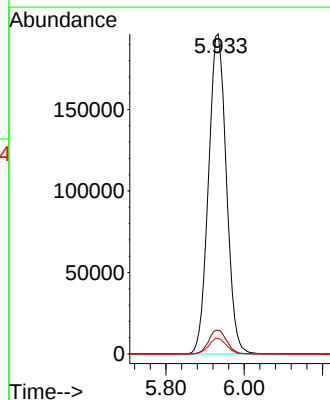
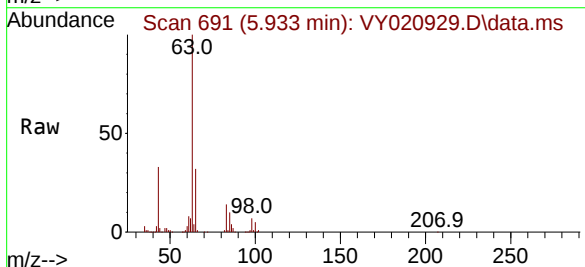
Instrument :
 MSVOA_Y
 ClientSampleId :

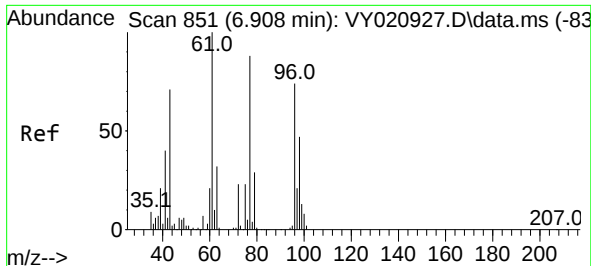
Tgt Ion: 43 Resp: 2722107
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 154.703 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

Tgt Ion: 63 Resp: 620975
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 749.216 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

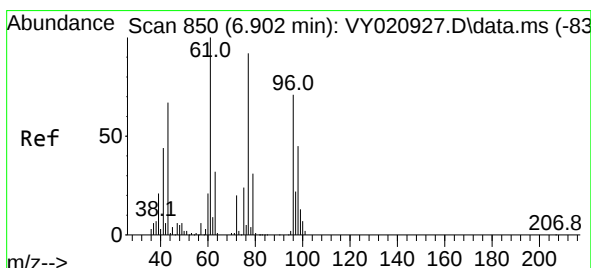
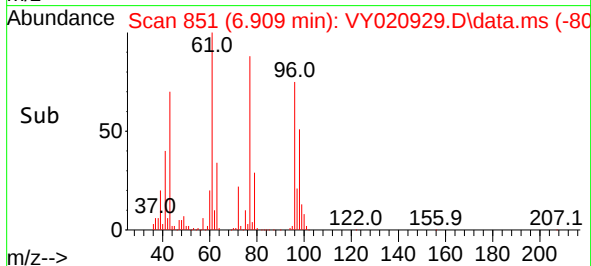
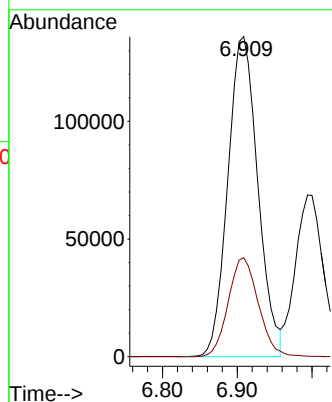
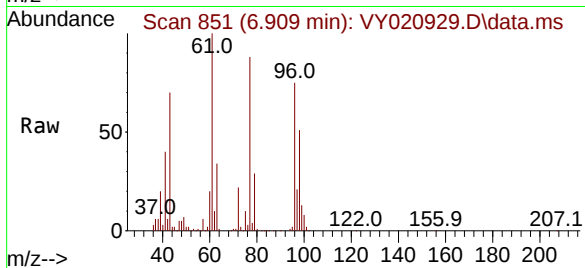
ClientSampleId :

Tgt Ion: 43 Resp: 380944

Ion Ratio Lower Upper

43 100

72 31.0 25.8 38.8



#26

2,2-Dichloropropane

Concen: 149.583 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020929.D

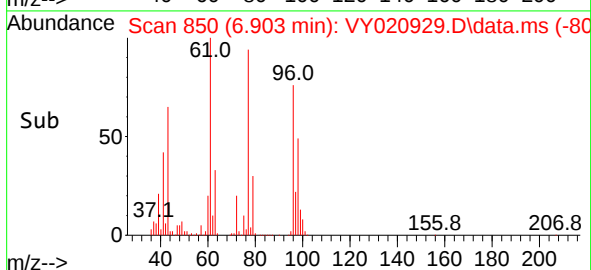
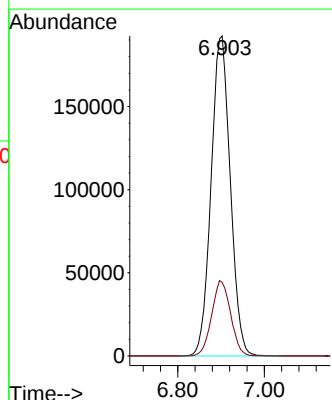
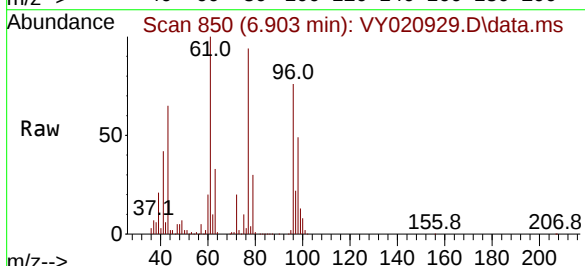
Acq: 24 Jan 2025 14:50

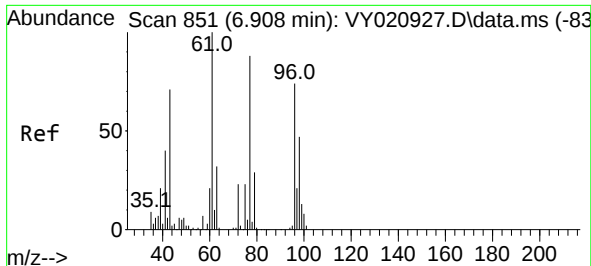
Tgt Ion: 77 Resp: 591403

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1



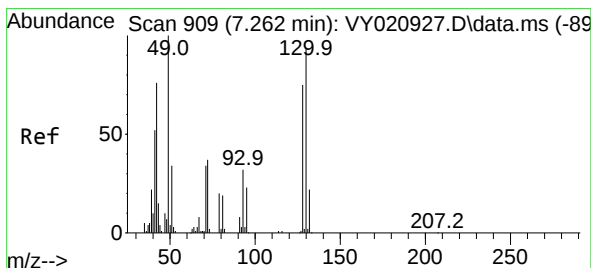
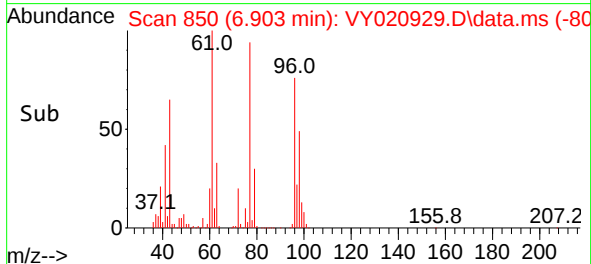
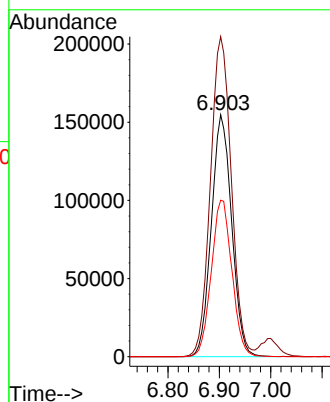
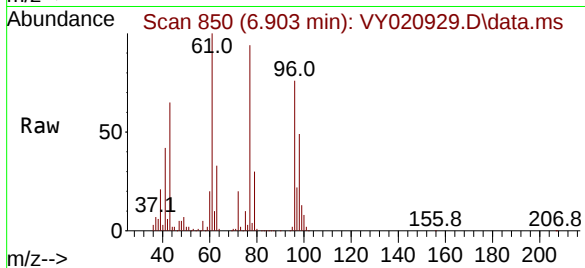


#27
 cis-1,2-Dichloroethene
 Concen: 154.834 ug/l
 RT: 6.903 min Scan# 850
 Delta R.T. -0.006 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 424941

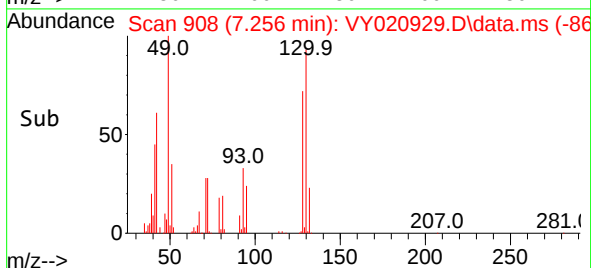
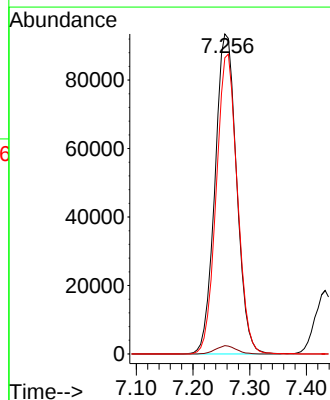
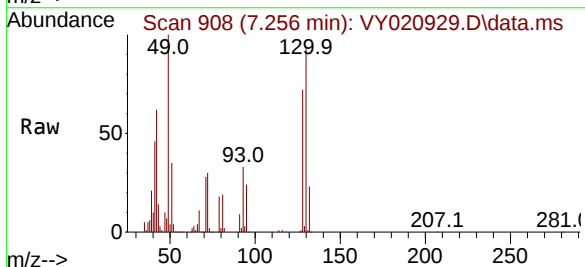
Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	275.2
98	65.6	0.0	129.6

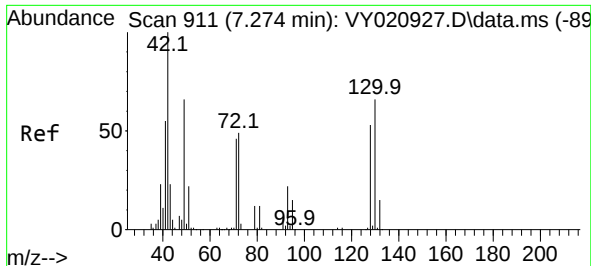


#28
 Bromochloromethane
 Concen: 153.128 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

Tgt Ion: 49 Resp: 247375

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	91.2	72.6	109.0

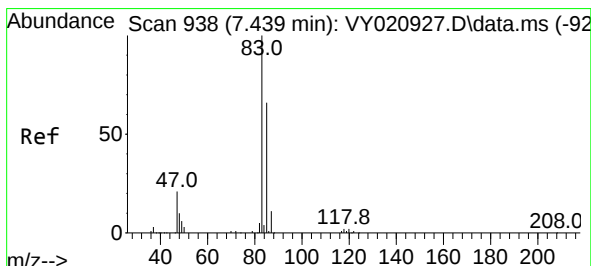
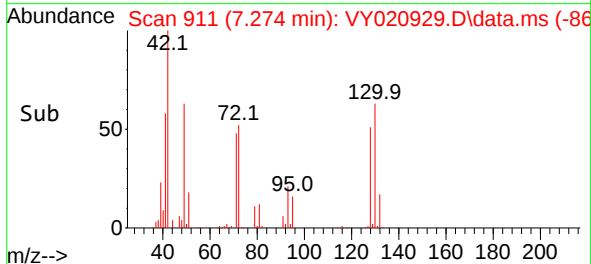
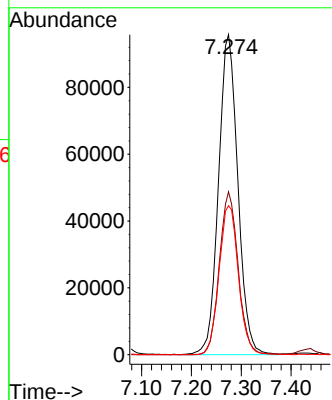
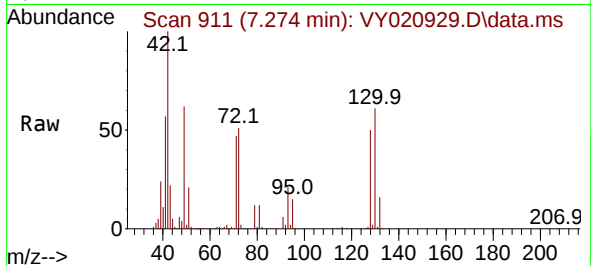




#29
Tetrahydrofuran
Concen: 762.199 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

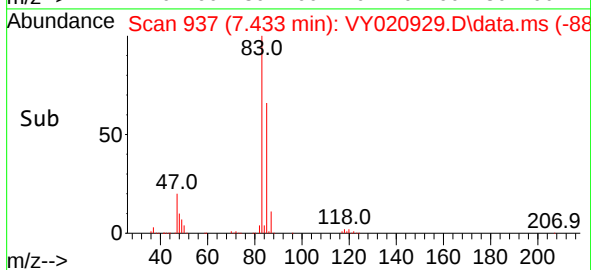
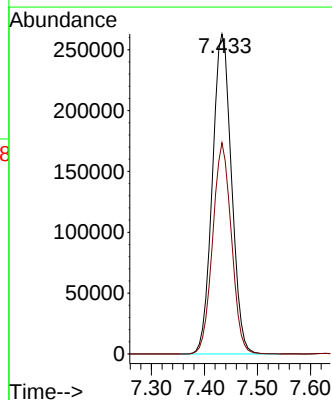
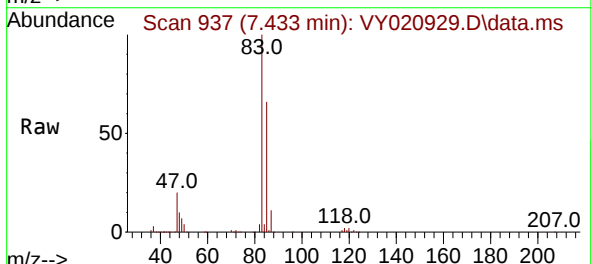
Instrument :
MSVOA_Y
ClientSampleId :

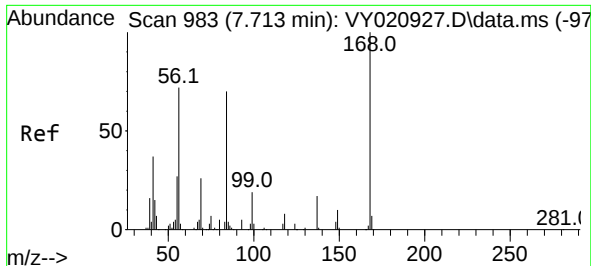
Tgt Ion: 42 Resp: 258283
Ion Ratio Lower Upper
42 100
72 49.5 38.8 58.2
71 46.6 36.4 54.6



#30
Chloroform
Concen: 155.015 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

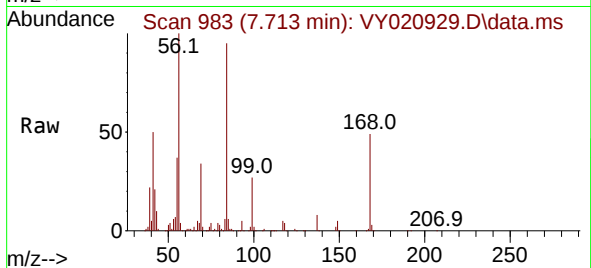
Tgt Ion: 83 Resp: 658549
Ion Ratio Lower Upper
83 100
85 66.0 53.0 79.4



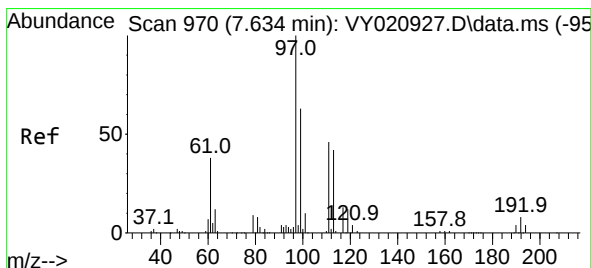
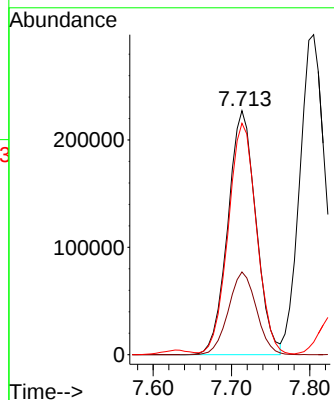
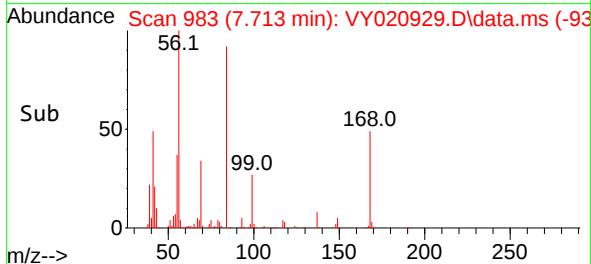


#31
Cyclohexane
Concen: 143.926 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

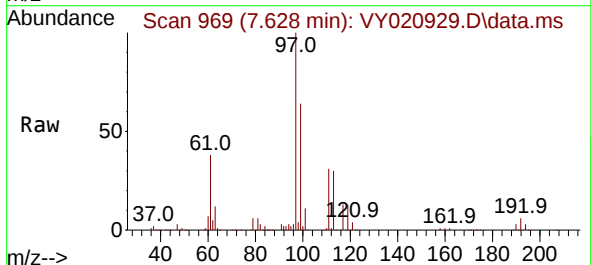
Instrument :
MSVOA_Y
ClientSampleId :



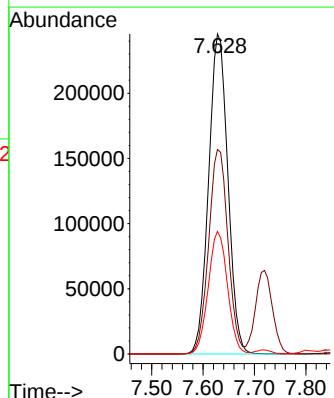
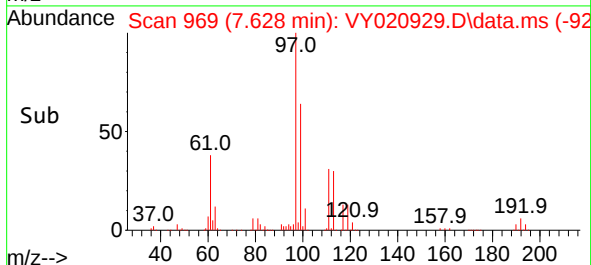
Tgt Ion: 56 Resp: 567808
Ion Ratio Lower Upper
56 100
69 33.9 28.7 43.1
84 93.0 77.4 116.0

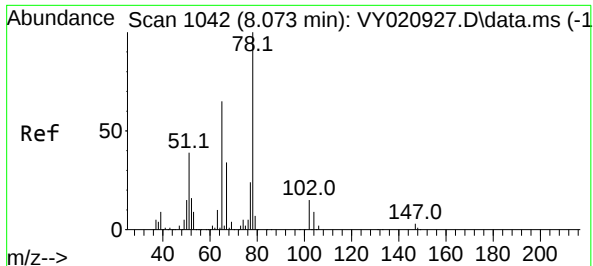


#32
1,1,1-Trichloroethane
Concen: 154.945 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50



Tgt Ion: 97 Resp: 638490
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 38.3 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 145.323 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

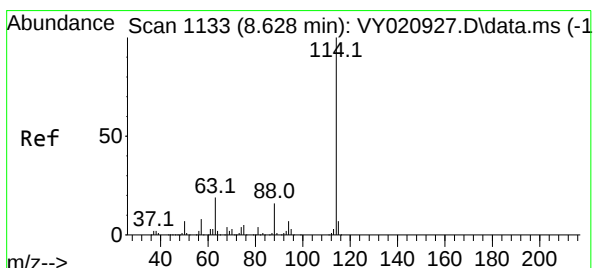
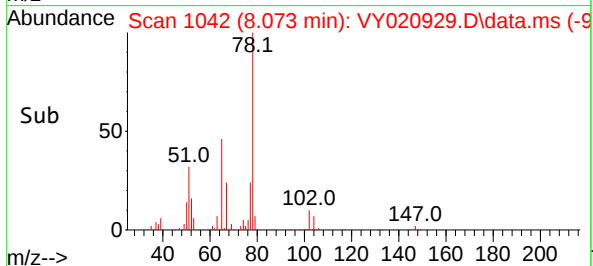
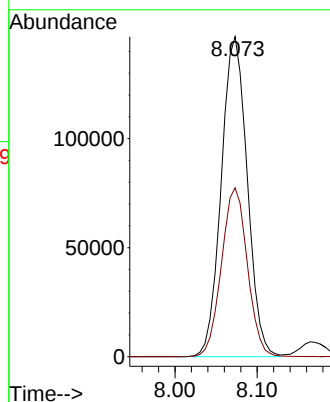
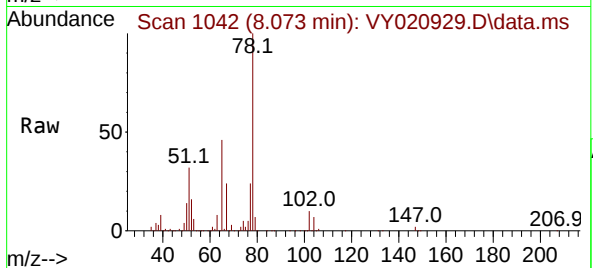
ClientSampleId :

Tgt Ion: 65 Resp: 321950

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

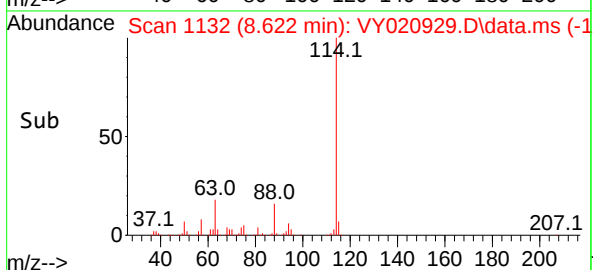
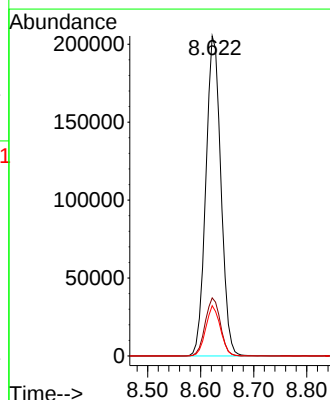
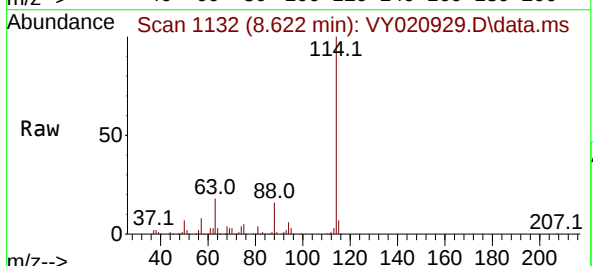
Tgt Ion: 114 Resp: 404615

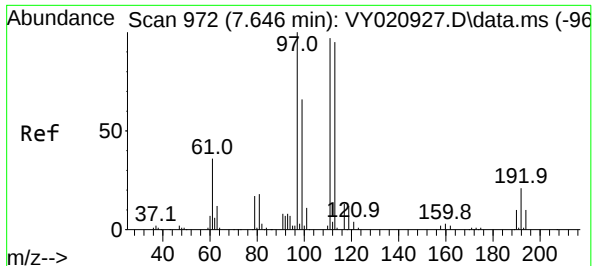
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.7 0.0 31.6

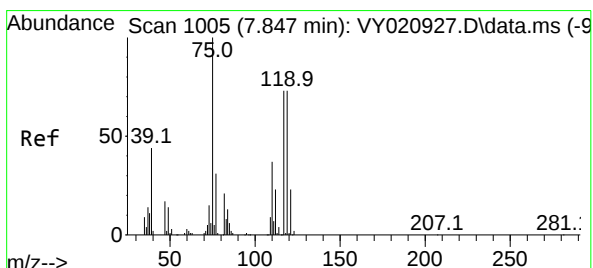
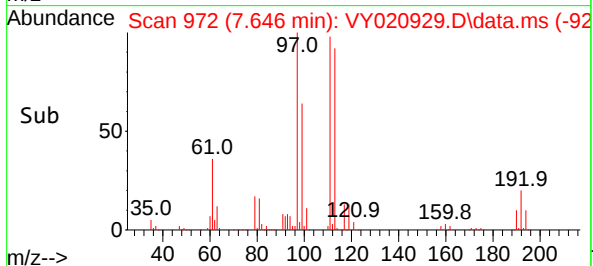
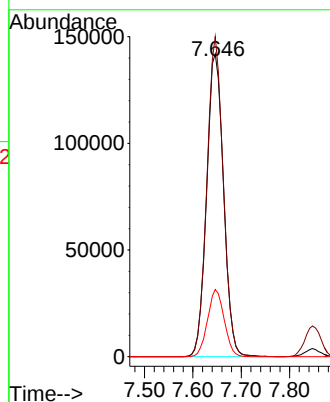
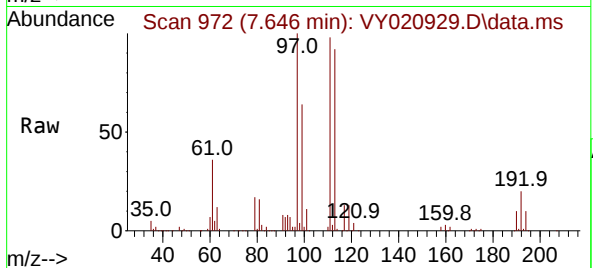




#35
Dibromofluoromethane
Concen: 148.471 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

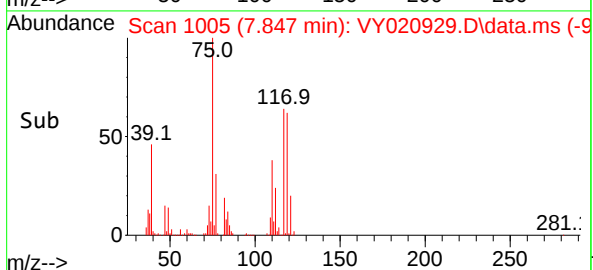
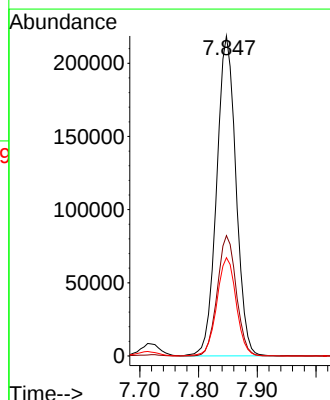
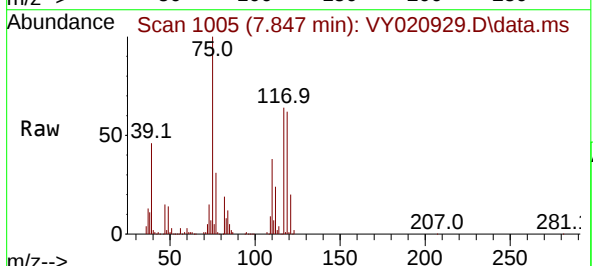
Instrument :
MSVOA_Y
ClientSampleId :

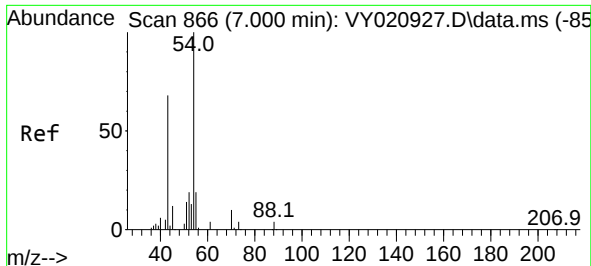
Tgt Ion:113 Resp: 344873
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 153.542 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

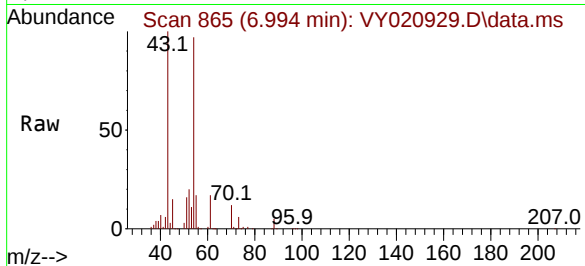
Tgt Ion: 75 Resp: 497951
Ion Ratio Lower Upper
75 100
110 37.2 18.5 55.5
77 31.0 25.0 37.4



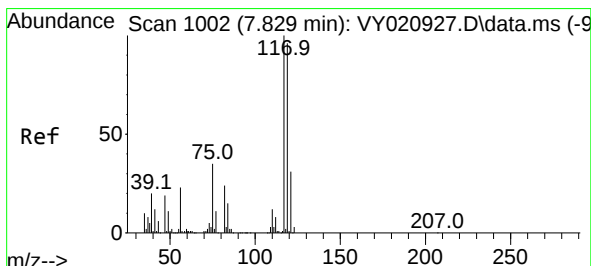
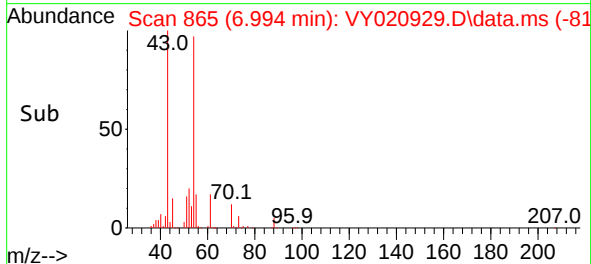
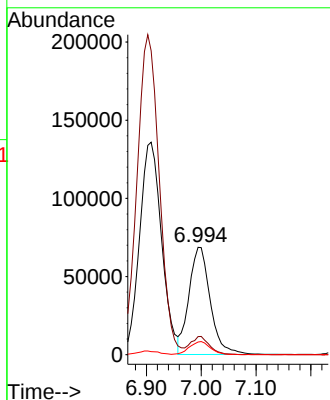


#37
Ethyl Acetate
Concen: 147.131 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Instrument :
MSVOA_Y
ClientSampleId :

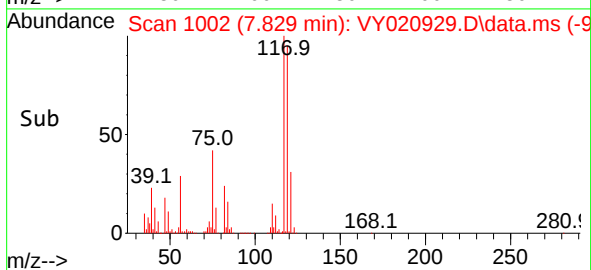
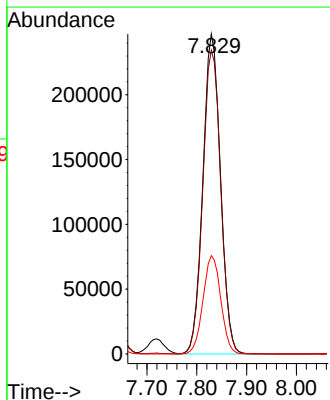
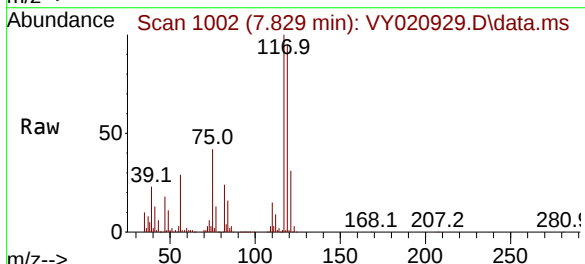


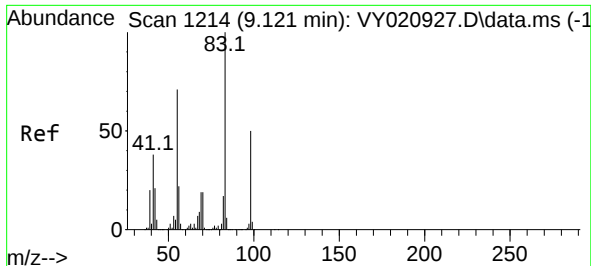
Tgt Ion: 43 Resp: 185129
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 12.1 9.5 14.3



#38
Carbon Tetrachloride
Concen: 155.205 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 117 Resp: 607007
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7
121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 158.206 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

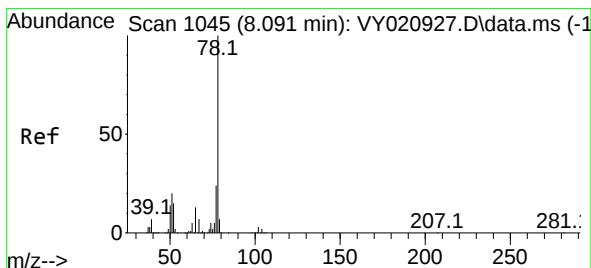
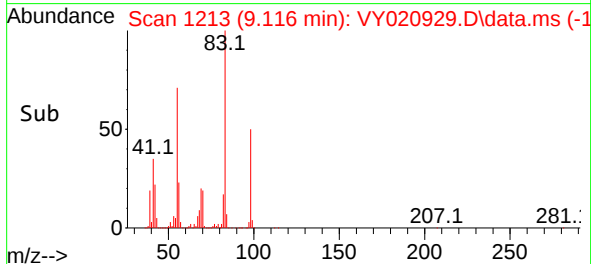
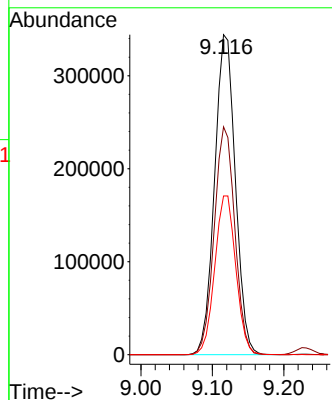
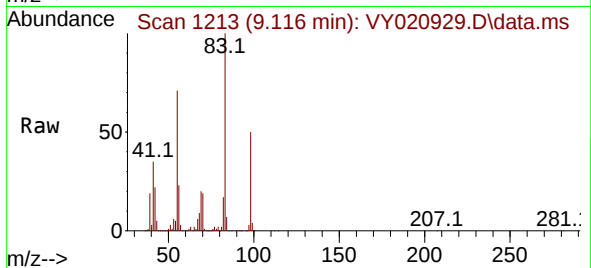
Tgt Ion: 83 Resp: 694607

Ion Ratio Lower Upper

83 100

55 71.2 57.0 85.4

98 49.6 40.1 60.1



#40

Benzene

Concen: 153.678 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020929.D

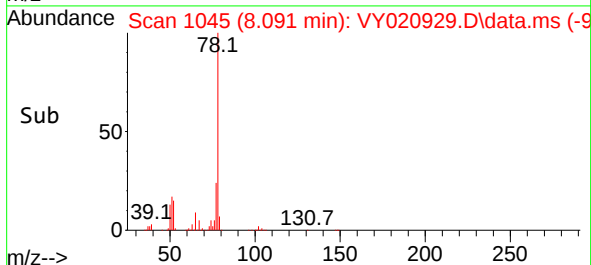
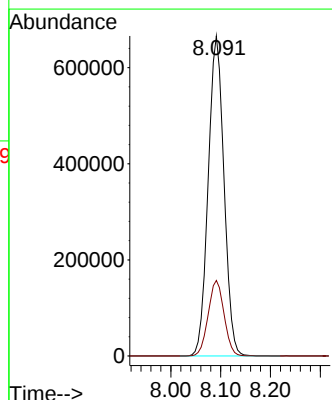
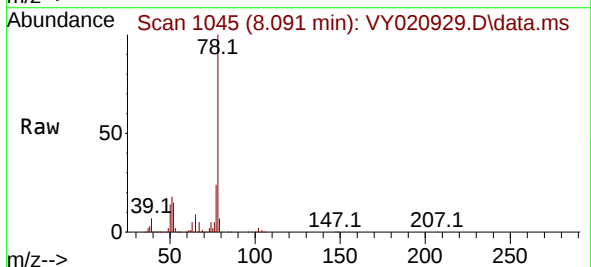
Acq: 24 Jan 2025 14:50

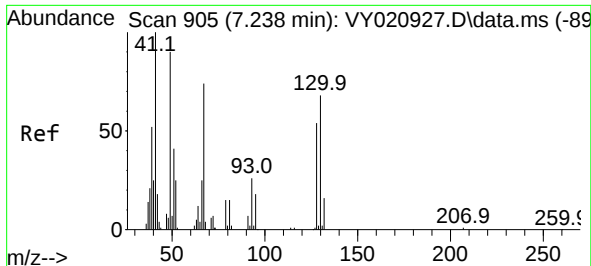
Tgt Ion: 78 Resp: 1462146

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

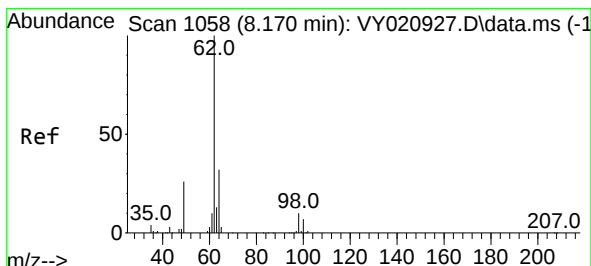
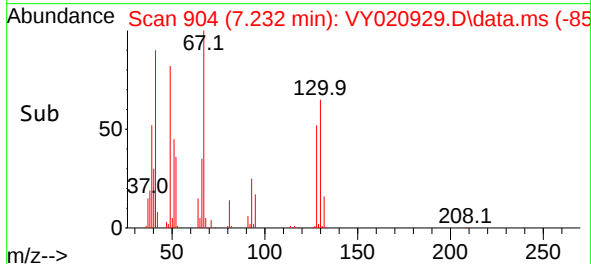
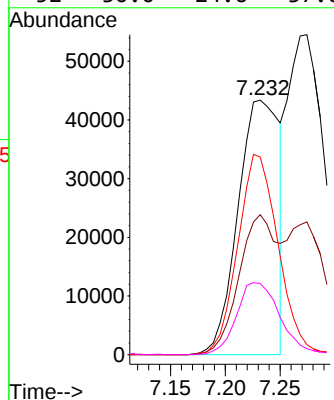
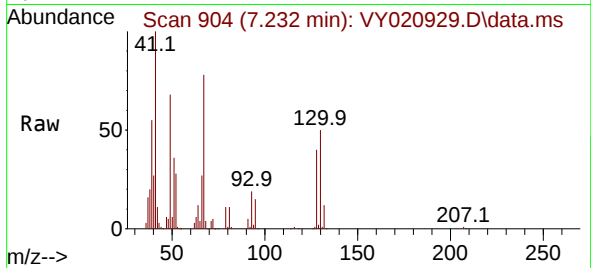




#41
Methacrylonitrile
Concen: 171.106 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

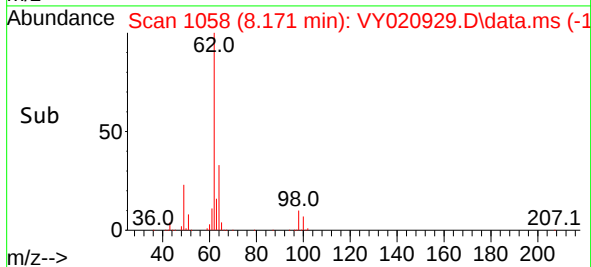
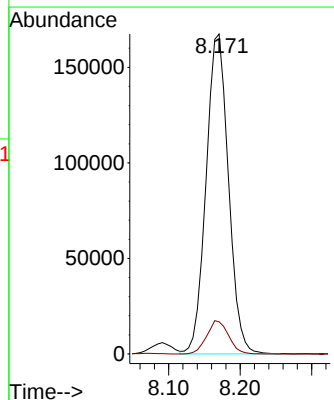
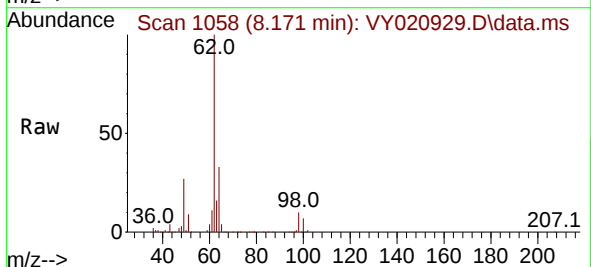
Instrument :
MSVOA_Y
ClientSampleId :

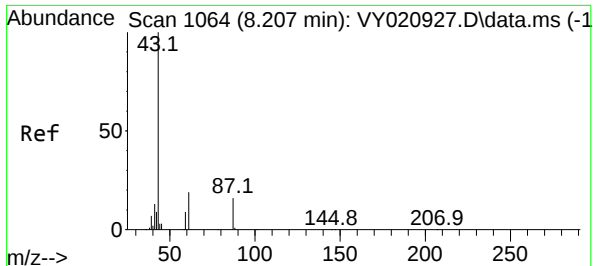
Tgt Ion: 41 Resp: 113732
Ion Ratio Lower Upper
41 100
39 51.3 46.4 69.6
67 77.2 66.7 100.1
52 30.0 24.6 37.0



#42
1,2-Dichloroethane
Concen: 153.667 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 62 Resp: 363795
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 161.137 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

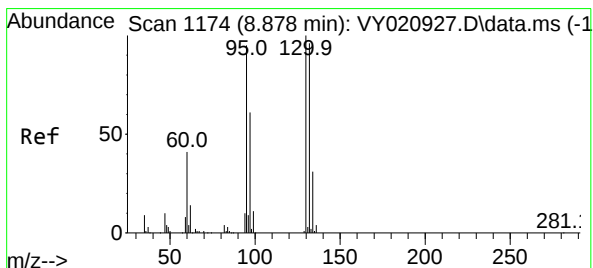
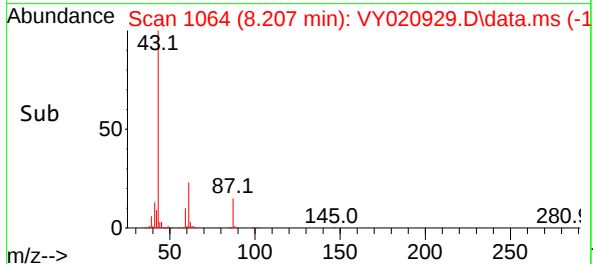
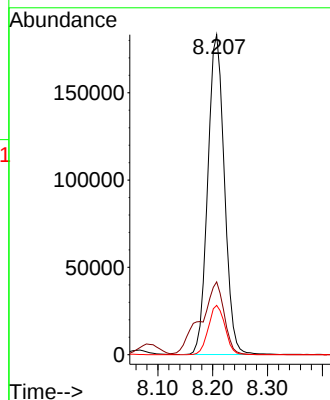
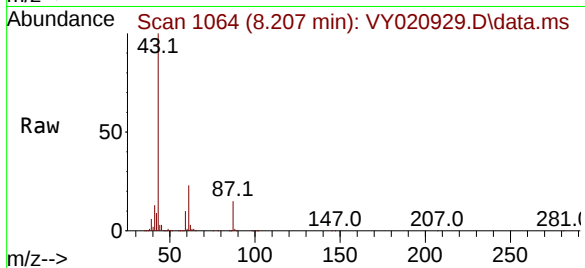
Tgt Ion: 43 Resp: 384473

Ion Ratio Lower Upper

43 100

61 32.2 26.0 39.0

87 15.5 12.4 18.6



#44

Trichloroethene

Concen: 156.082 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VY020929.D

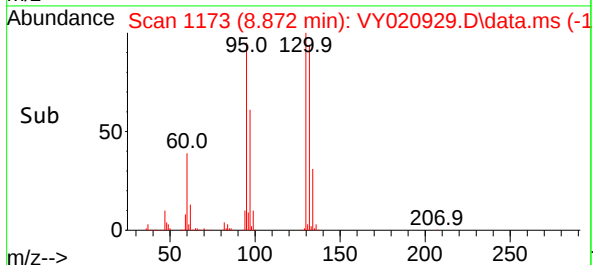
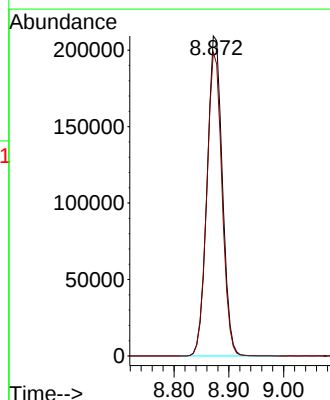
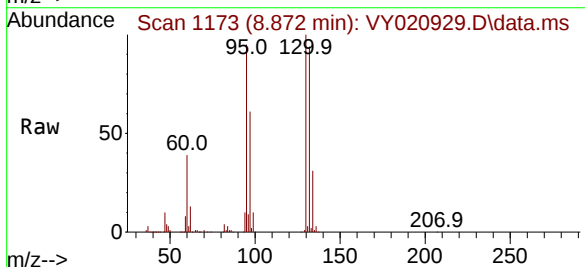
Acq: 24 Jan 2025 14:50

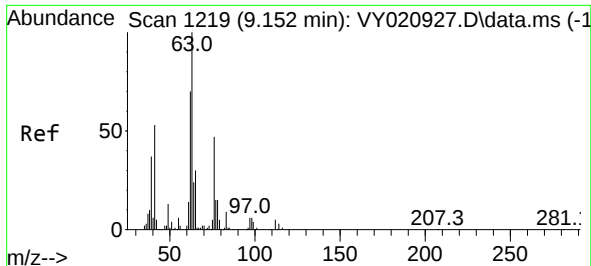
Tgt Ion:130 Resp: 403442

Ion Ratio Lower Upper

130 100

95 94.9 0.0 189.4





#45

1,2-Dichloropropane

Concen: 156.221 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

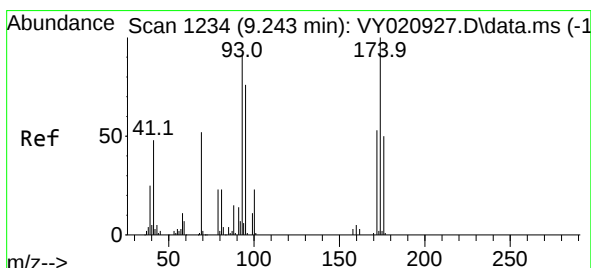
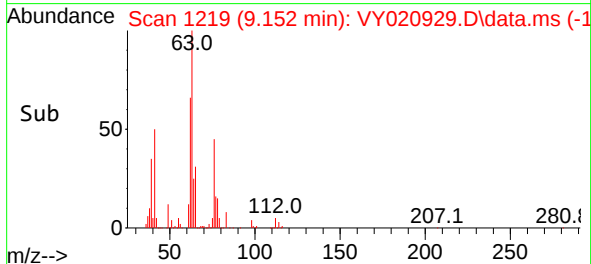
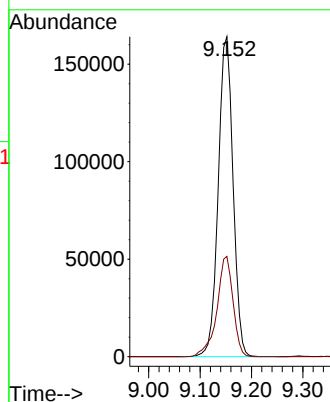
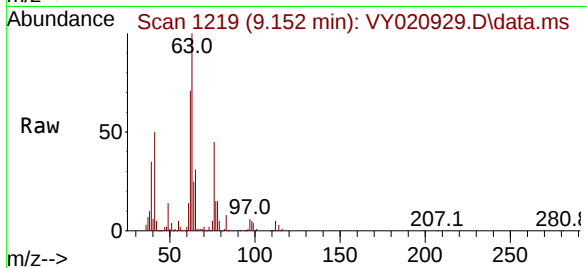
ClientSampleId :

Tgt Ion: 63 Resp: 328095

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 155.229 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

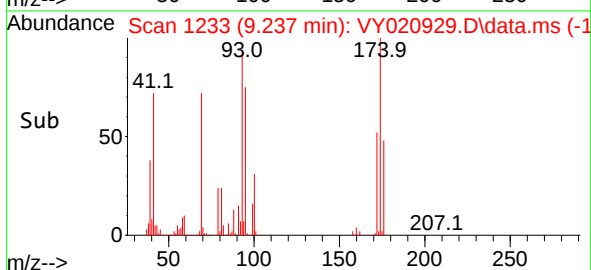
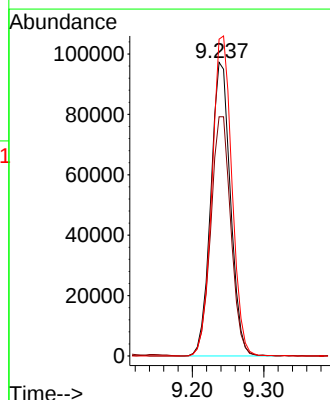
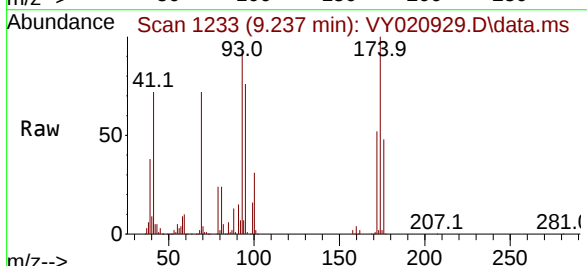
Tgt Ion: 93 Resp: 185339

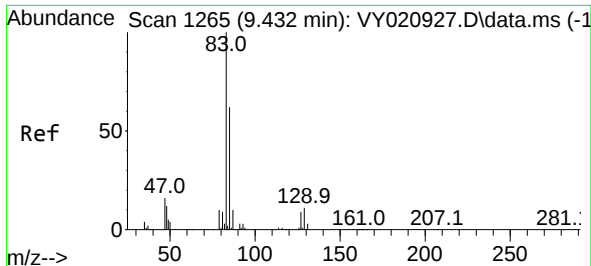
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 110.3 87.0 130.4

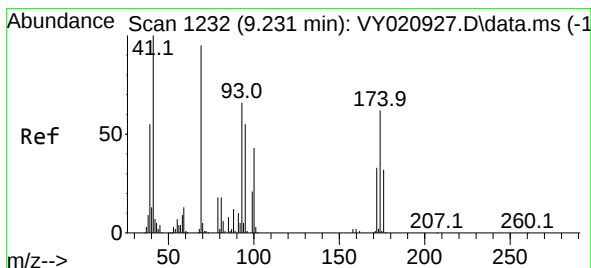
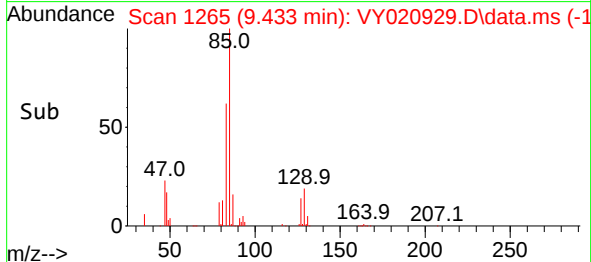
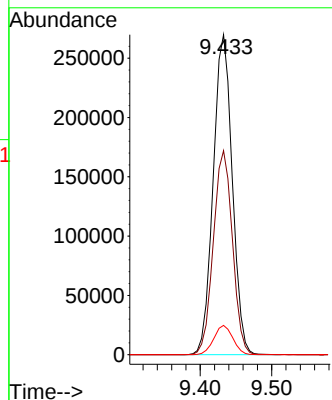
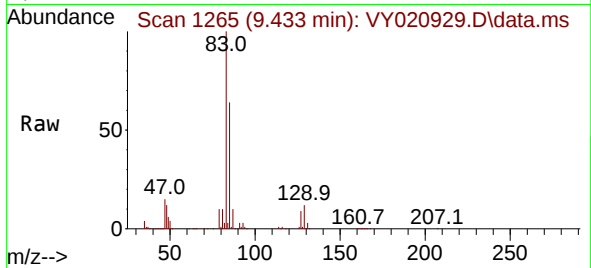




#47
Bromodichloromethane
Concen: 157.187 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

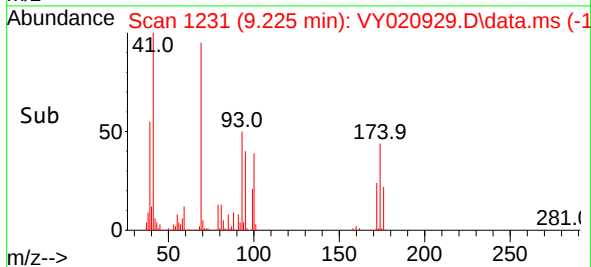
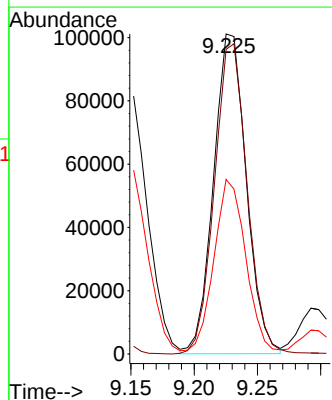
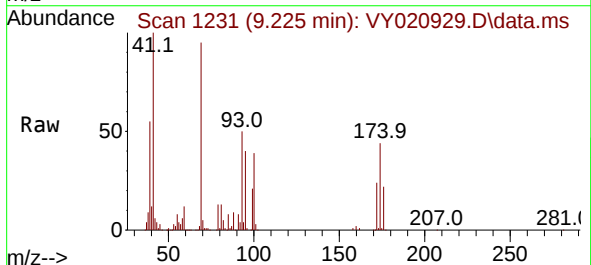
Instrument :
MSVOA_Y
ClientSampleId :

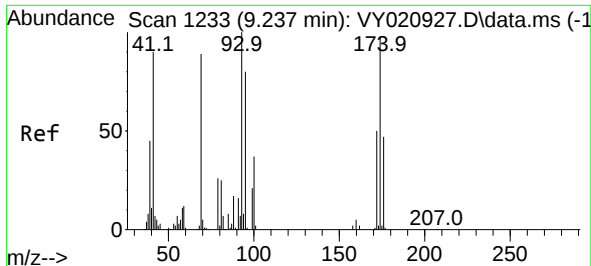
Tgt Ion: 83 Resp: 499364
Ion Ratio Lower Upper
83 100
85 63.8 49.3 73.9
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 161.667 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 41 Resp: 181962
Ion Ratio Lower Upper
41 100
69 97.2 77.0 115.4
39 51.5 41.1 61.7

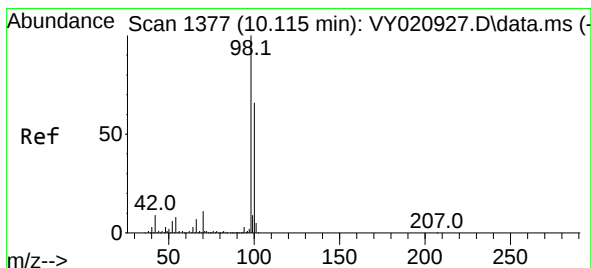
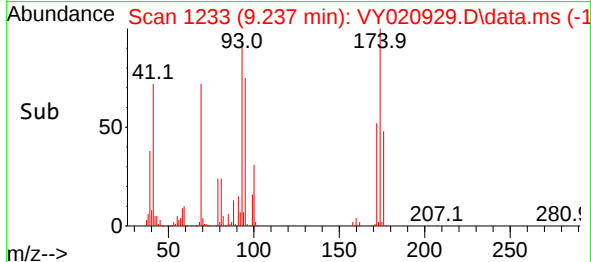
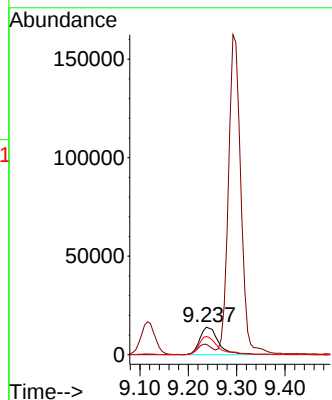
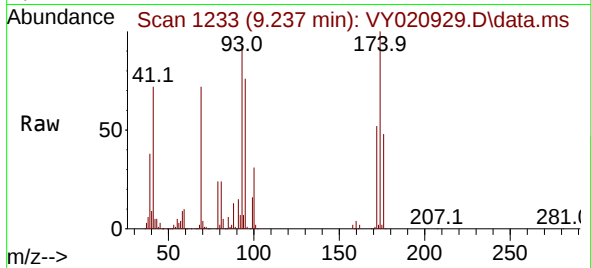




#49
1,4-Dioxane
Concen: 3086.764 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

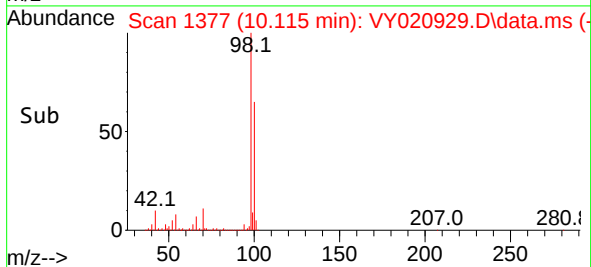
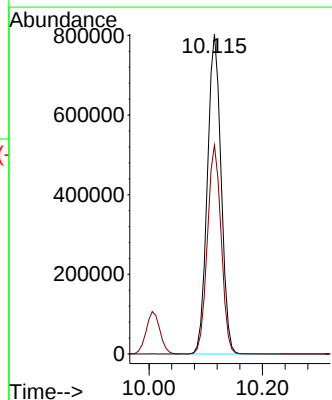
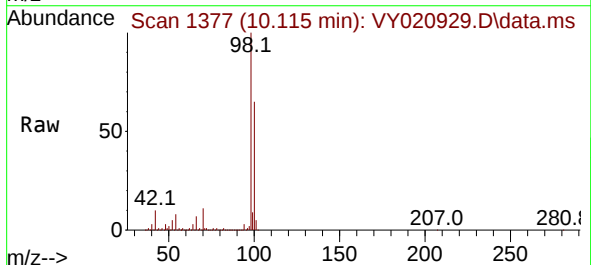
Instrument :
MSVOA_Y
ClientSampleId :

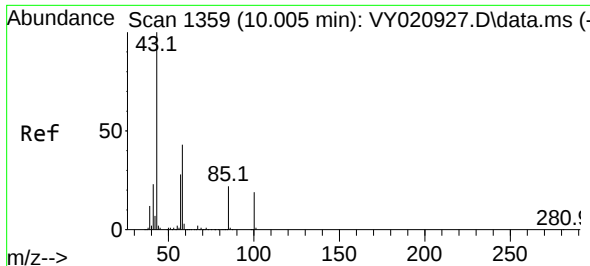
Tgt Ion: 88 Resp: 37947
Ion Ratio Lower Upper
88 100
43 29.2 23.1 34.7
58 67.5 49.0 73.6



#50
Toluene-d8
Concen: 149.405 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 98 Resp: 1346111
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

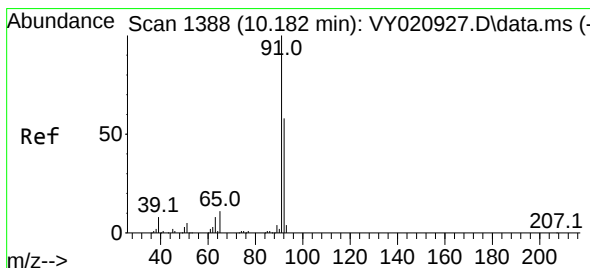
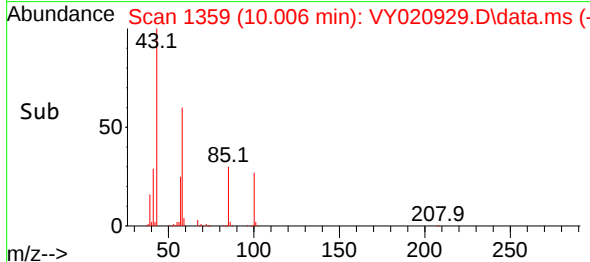
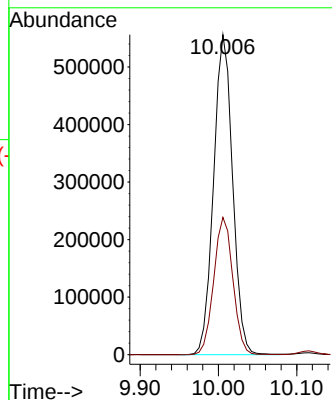
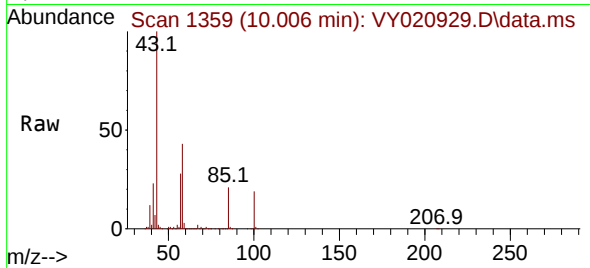




#51
4-Methyl-2-Pentanone
Concen: 780.092 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

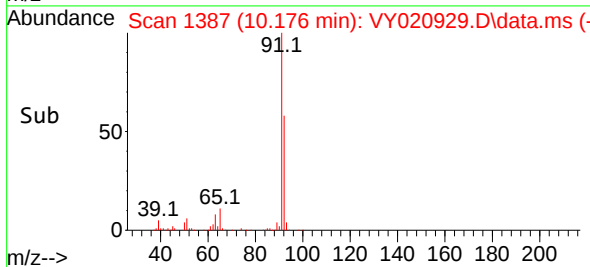
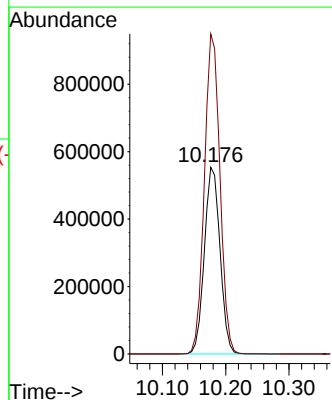
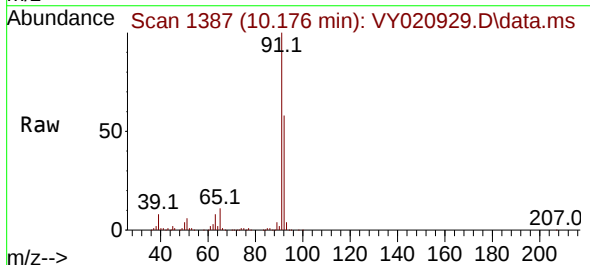
Instrument :
MSVOA_Y
ClientSampleId :

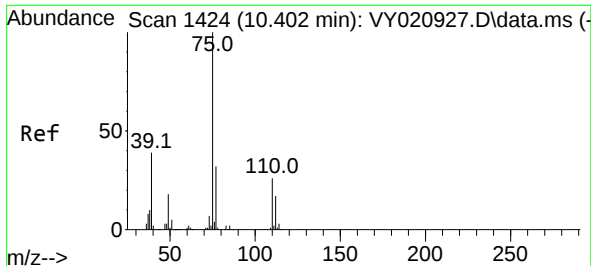
Tgt Ion: 43 Resp: 938516
Ion Ratio Lower Upper
43 100
58 43.2 33.7 50.5



#52
Toluene
Concen: 155.721 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 92 Resp: 952872
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9

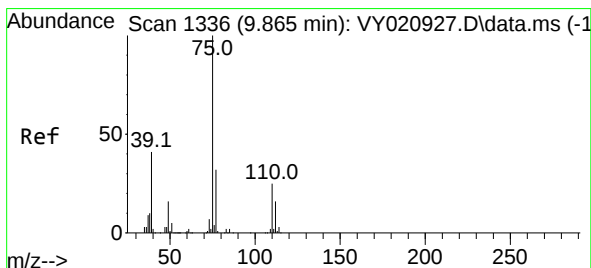
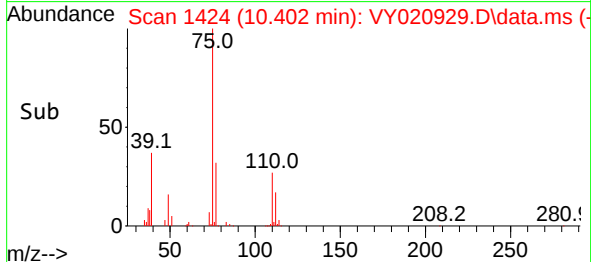
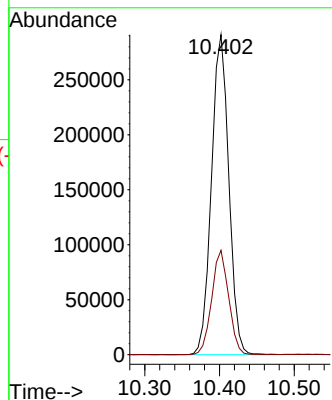
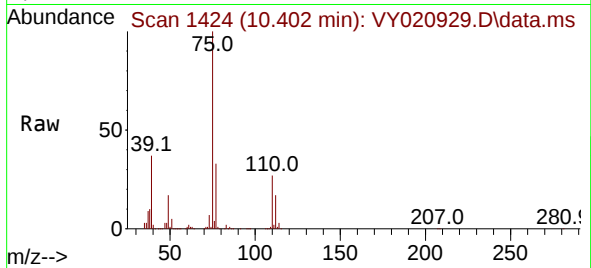




#53
 t-1,3-Dichloropropene
 Concen: 161.215 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

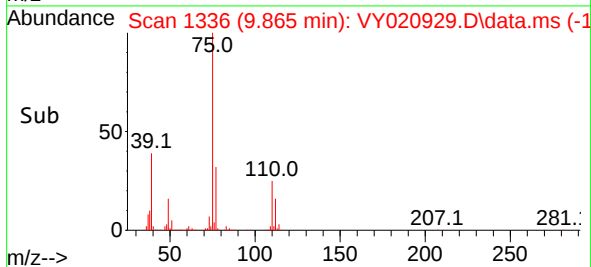
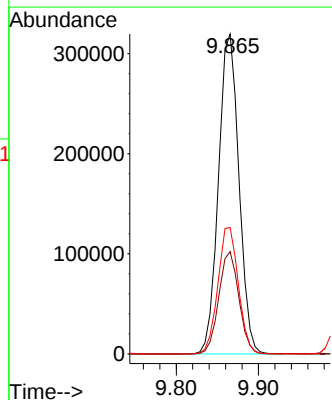
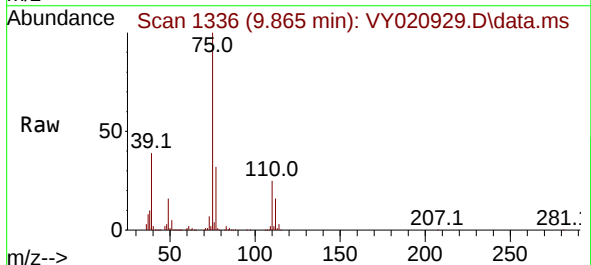
Instrument :
 MSVOA_Y
 ClientSampleId :

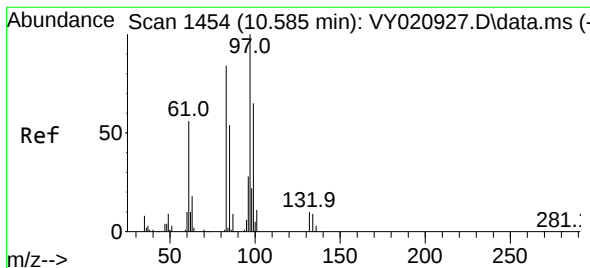
Tgt Ion: 75 Resp: 469597
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 158.921 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

Tgt Ion: 75 Resp: 552753
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 39.5 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 154.005 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.006 min

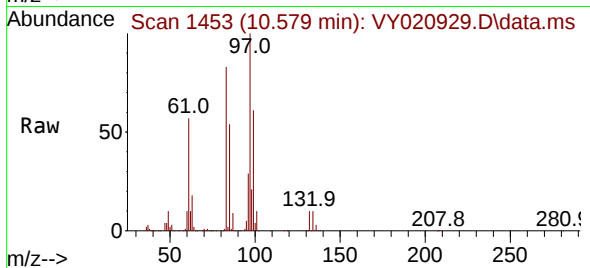
Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 248552

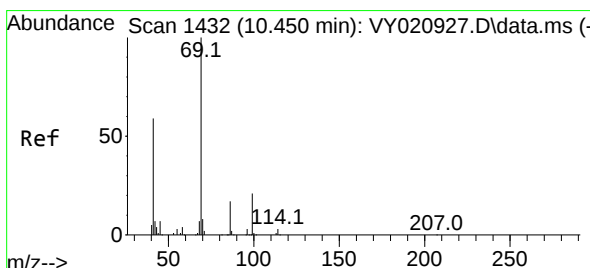
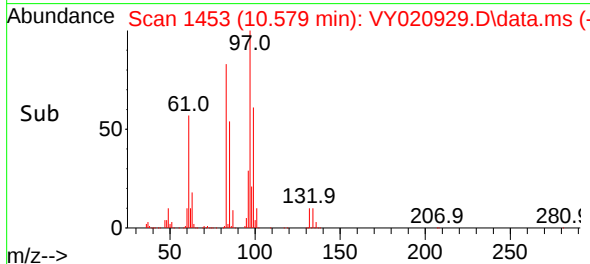
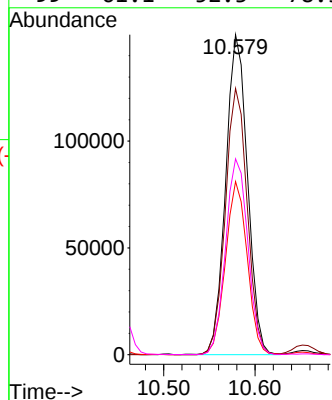
Ion Ratio Lower Upper

97 100

83 83.2 67.0 100.6

85 54.1 43.1 64.7

99 61.1 52.3 78.5



#56

Ethyl methacrylate

Concen: 168.715 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

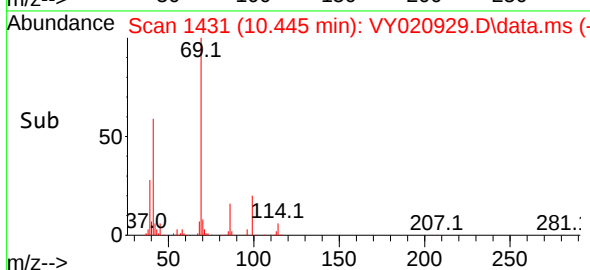
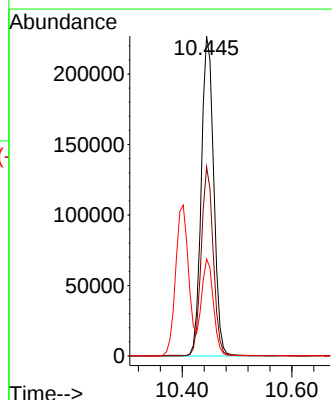
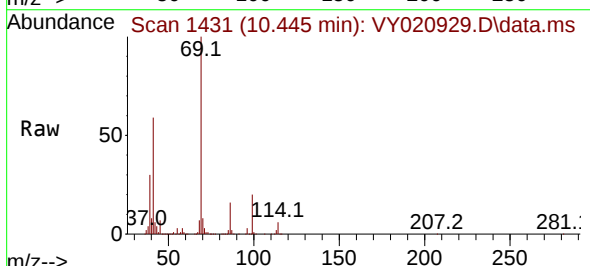
Tgt Ion: 69 Resp: 356853

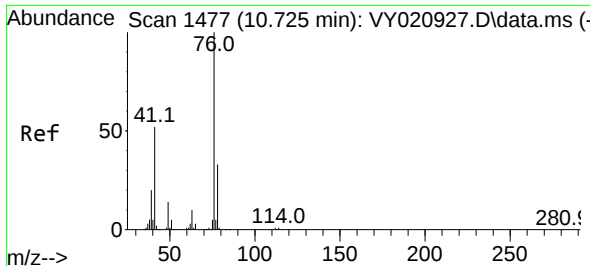
Ion Ratio Lower Upper

69 100

41 57.3 46.6 70.0

39 28.7 23.9 35.9

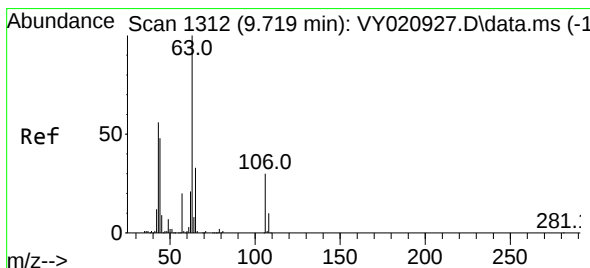
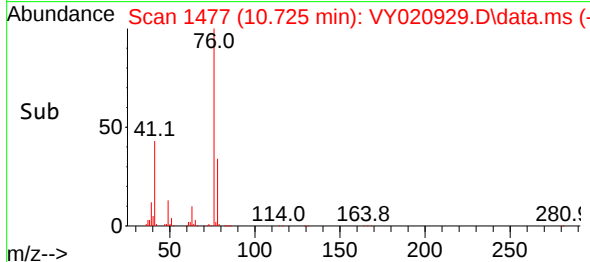
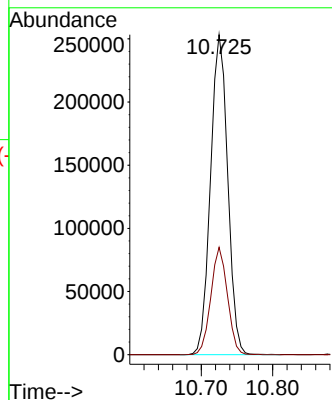
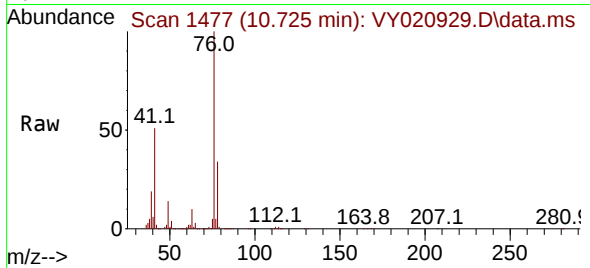




#57
 1,3-Dichloropropane
 Concen: 154.155 ug/l
 RT: 10.725 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

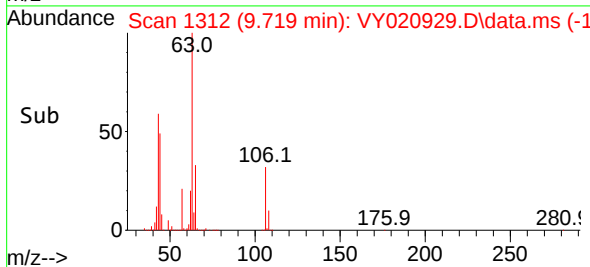
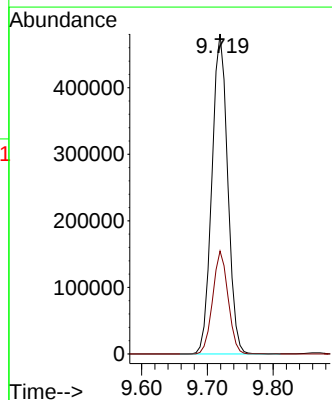
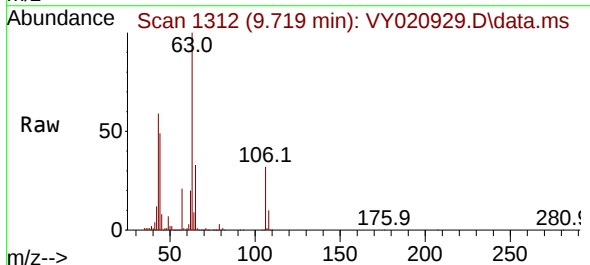
Instrument :
 MSVOA_Y
 ClientSampleId :

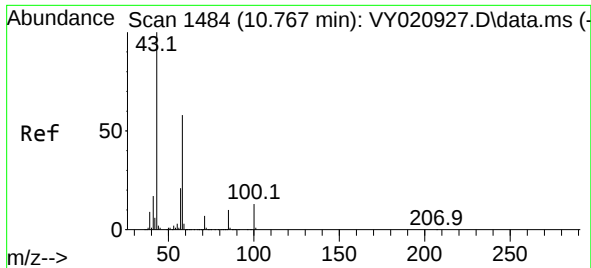
Tgt Ion: 76 Resp: 422652
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 837.262 ug/l
 RT: 9.719 min Scan# 1312
 Delta R.T. 0.000 min
 Lab File: VY020929.D
 Acq: 24 Jan 2025 14:50

Tgt Ion: 63 Resp: 803761
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.7 37.1

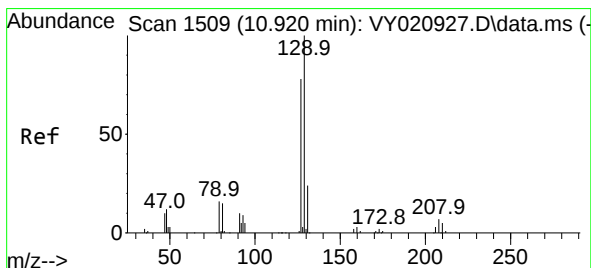
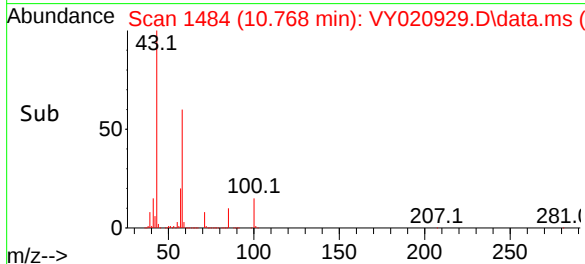
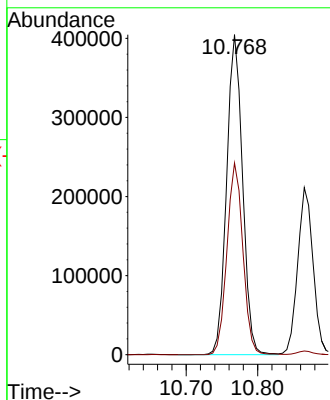
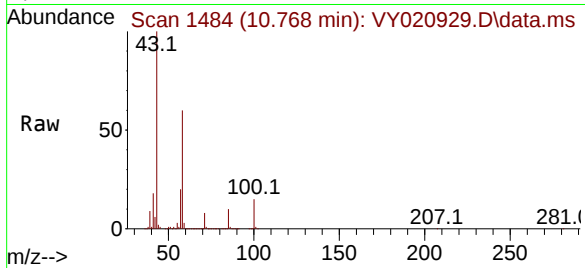




#59
2-Hexanone
Concen: 807.765 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

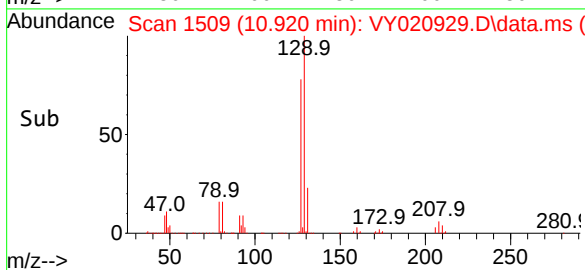
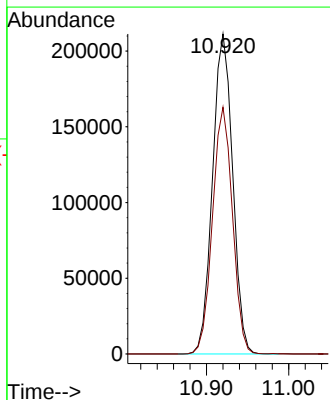
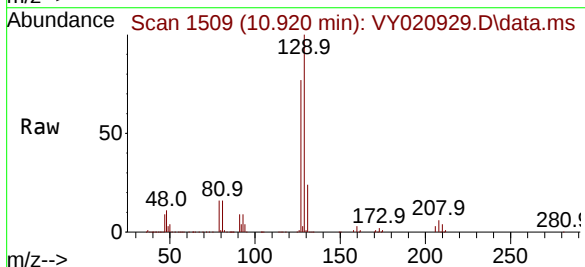
Instrument :
MSVOA_Y
ClientSampleId :

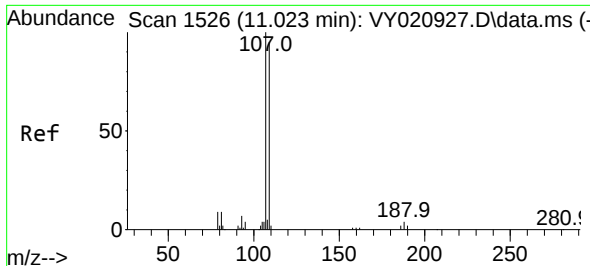
Tgt Ion: 43 Resp: 624904
Ion Ratio Lower Upper
43 100
58 60.0 29.9 89.8



#60
Dibromochloromethane
Concen: 158.120 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion:129 Resp: 359156
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

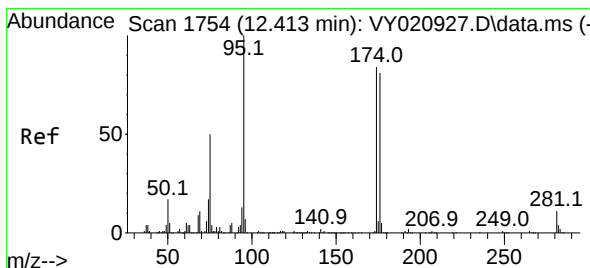
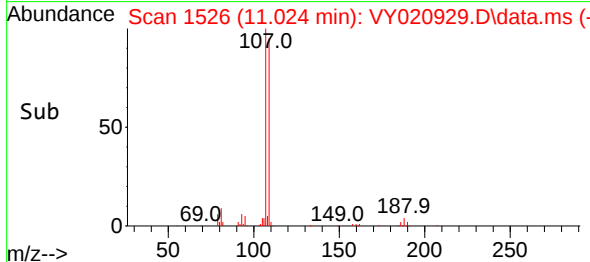
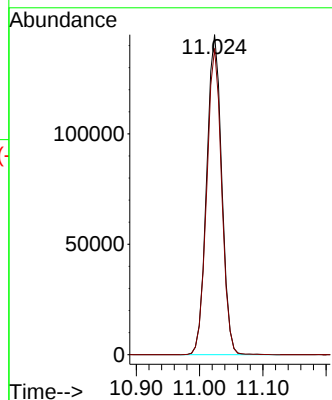
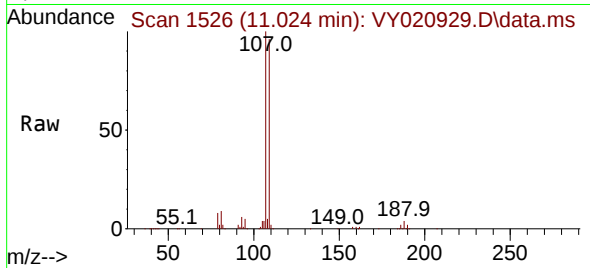




#61
1,2-Dibromoethane
Concen: 155.820 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

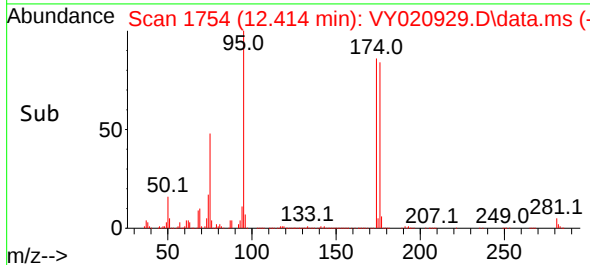
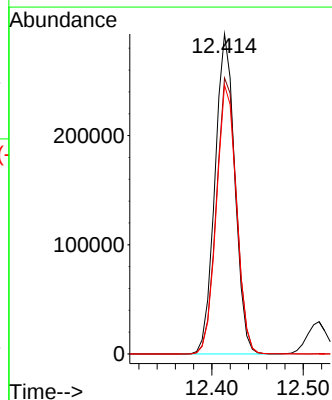
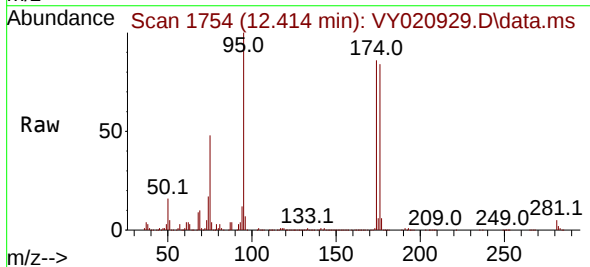
Instrument :
MSVOA_Y
ClientSampleId :

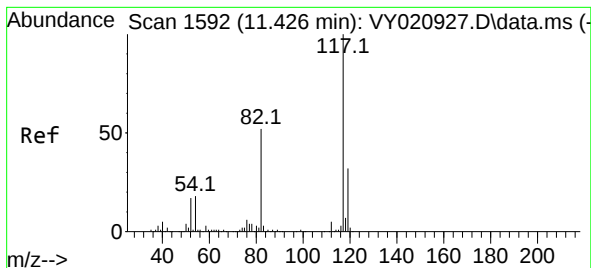
Tgt Ion:107 Resp: 240533
Ion Ratio Lower Upper
107 100
109 94.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 147.391 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 95 Resp: 441957
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.4
176 85.2 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

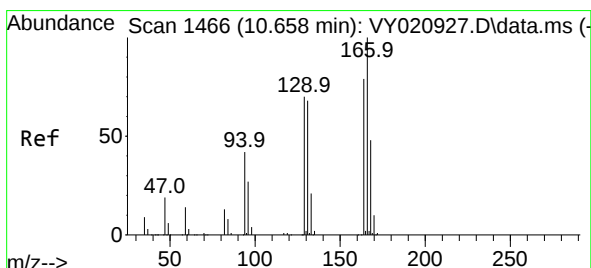
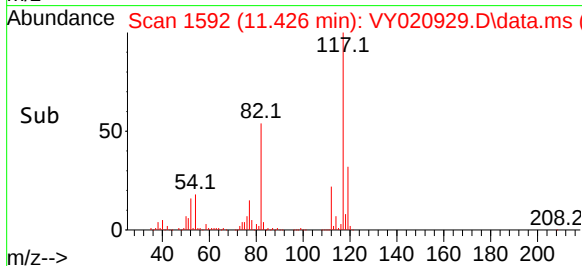
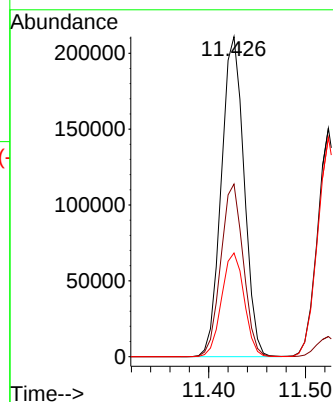
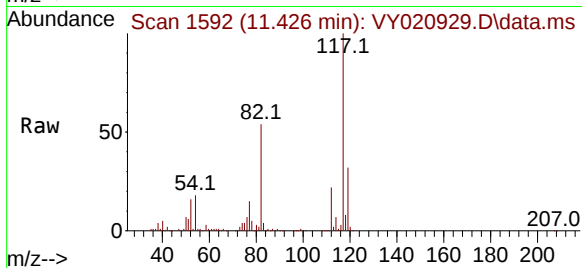
Tgt Ion:117 Resp: 343708

Ion Ratio Lower Upper

117 100

82 54.0 41.8 62.8

119 32.4 26.0 39.0



#64

Tetrachloroethene

Concen: 154.318 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Tgt Ion:164 Resp: 369115

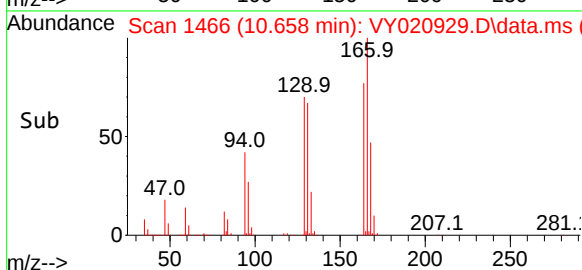
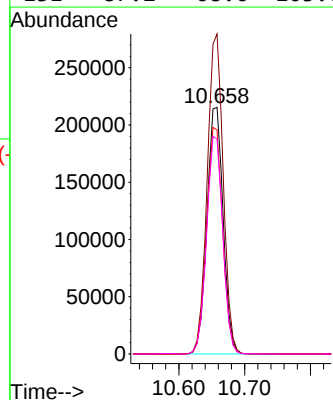
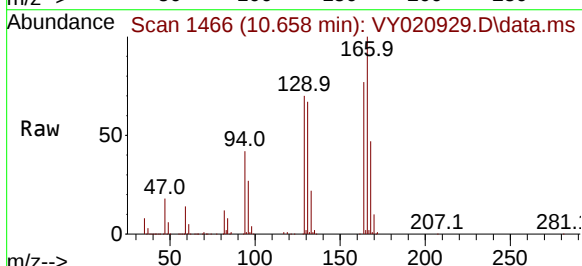
Ion Ratio Lower Upper

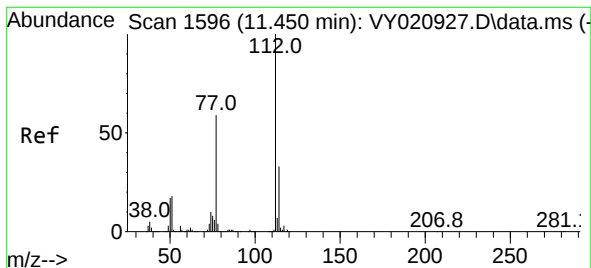
164 100

166 129.8 101.0 151.6

129 90.9 70.8 106.2

131 87.2 68.6 103.0





#65

Chlorobenzene

Concen: 155.201 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

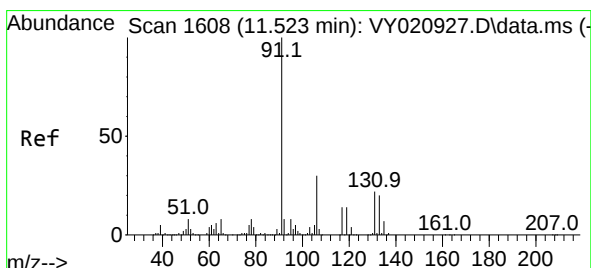
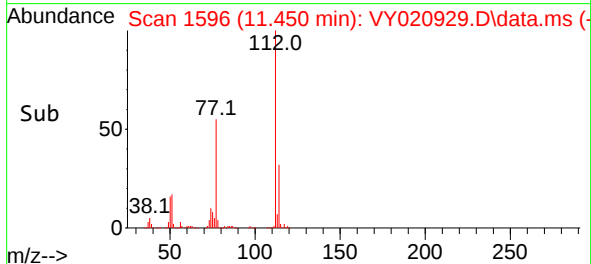
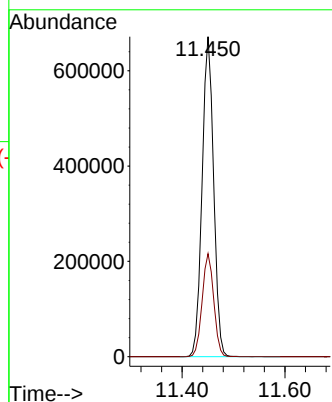
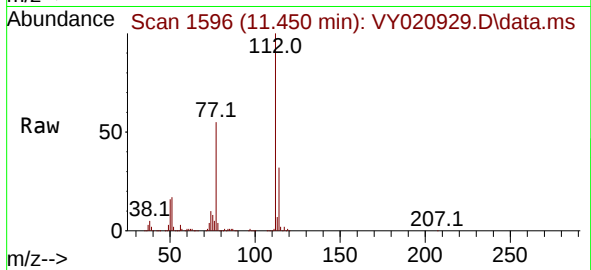
ClientSampleId :

Tgt Ion:112 Resp: 1043145

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 153.997 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

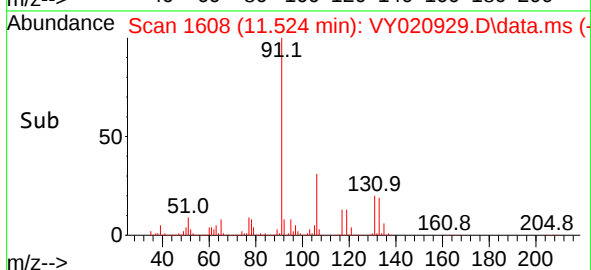
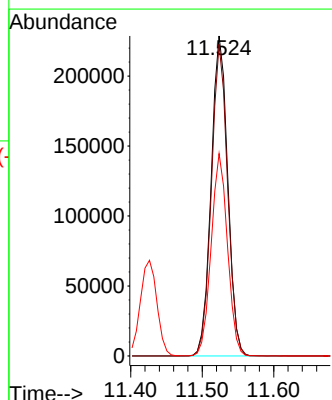
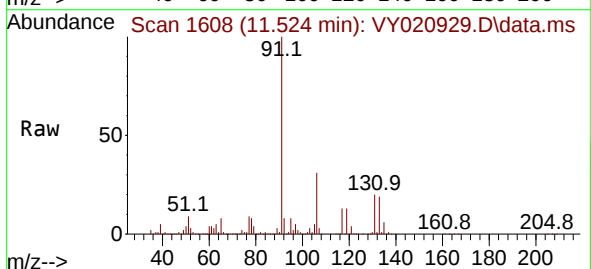
Tgt Ion:131 Resp: 367808

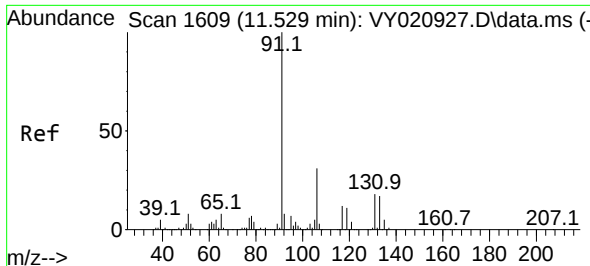
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 62.2 31.2 93.6





#67

Ethyl Benzene

Concen: 156.212 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

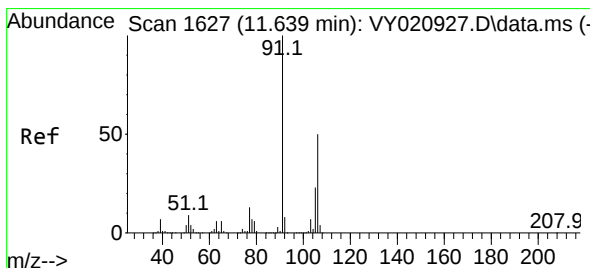
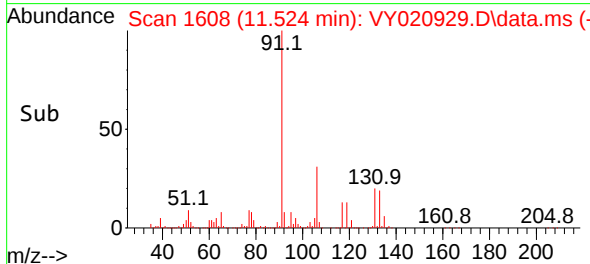
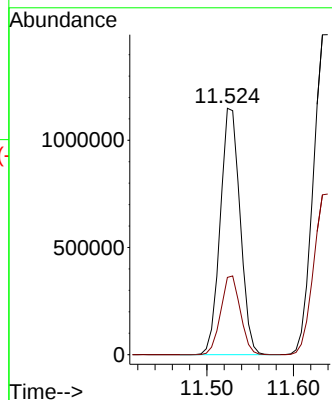
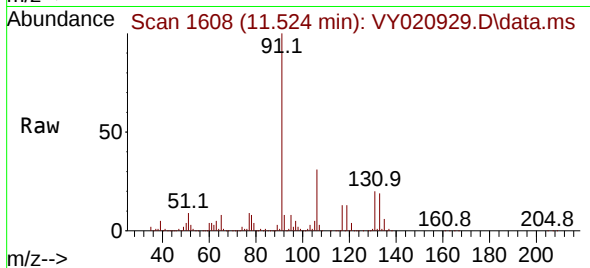
ClientSampleId :

Tgt Ion: 91 Resp: 1832080

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



#68

m/p-Xylenes

Concen: 311.877 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020929.D

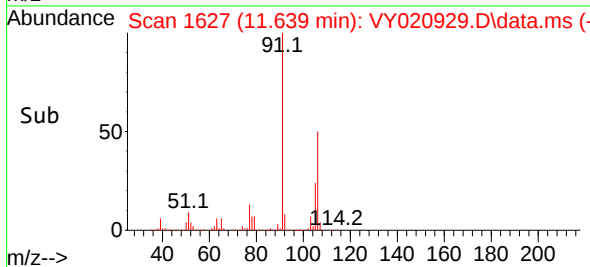
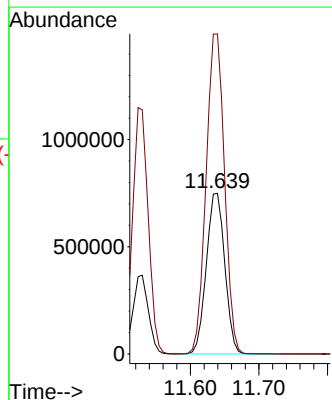
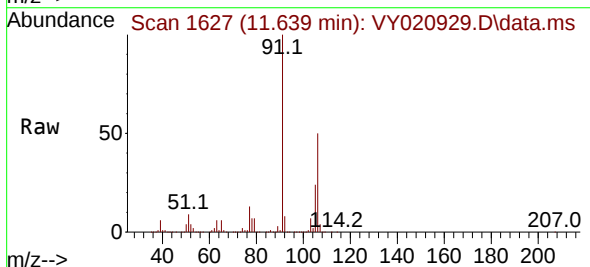
Acq: 24 Jan 2025 14:50

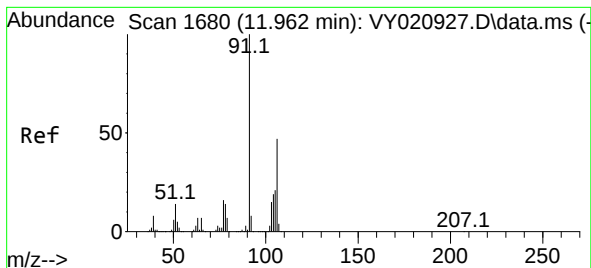
Tgt Ion:106 Resp: 1400598

Ion Ratio Lower Upper

106 100

91 199.3 159.5 239.3





#69

o-Xylene

Concen: 156.114 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

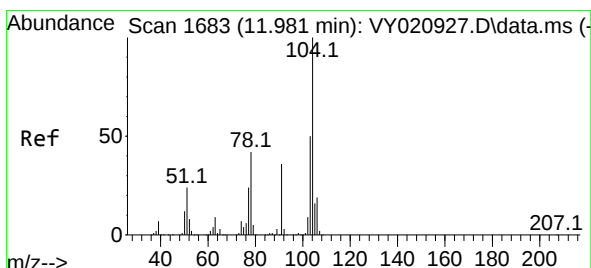
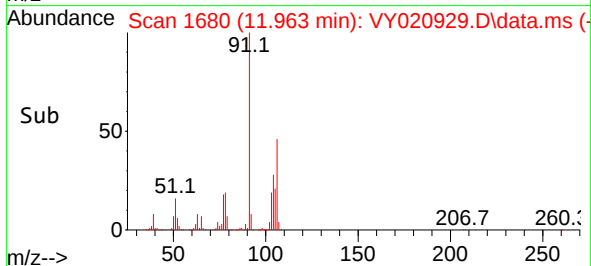
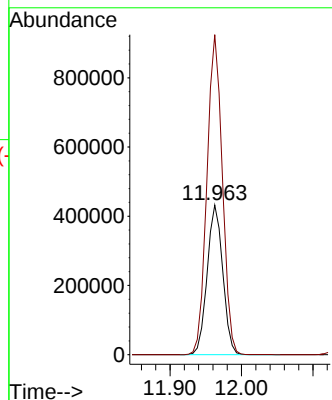
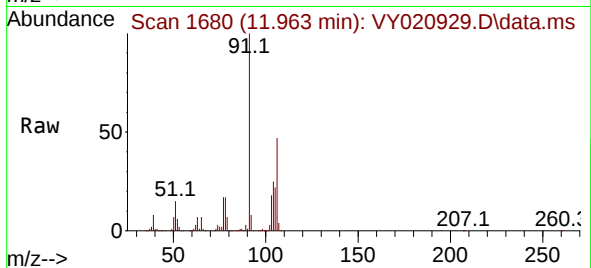
ClientSampleId :

Tgt Ion:106 Resp: 654879

Ion Ratio Lower Upper

106 100

91 212.0 105.3 315.9



#70

Styrene

Concen: 157.680 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

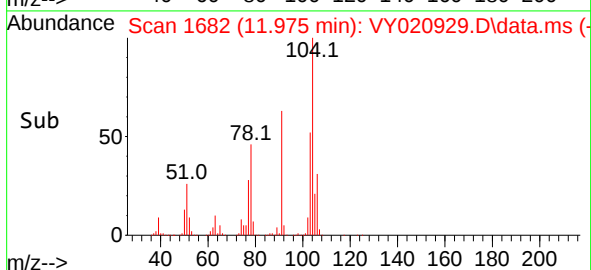
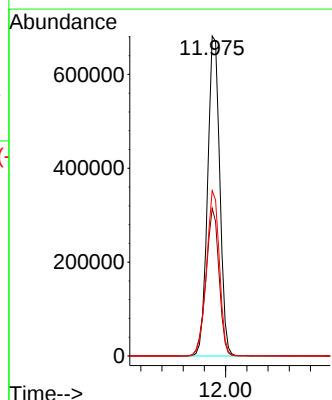
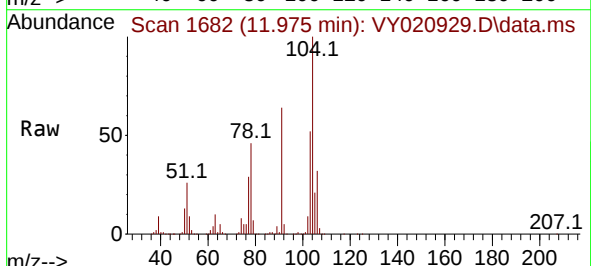
Tgt Ion:104 Resp: 1084023

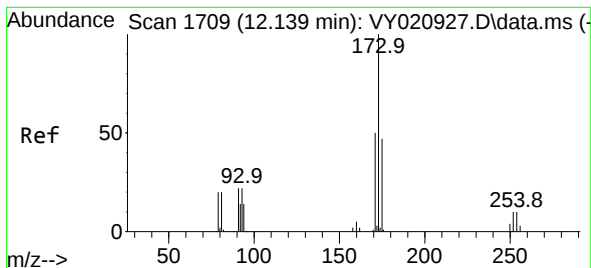
Ion Ratio Lower Upper

104 100

78 49.4 38.5 57.7

103 55.0 43.4 65.2





#71

Bromoform

Concen: 154.159 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

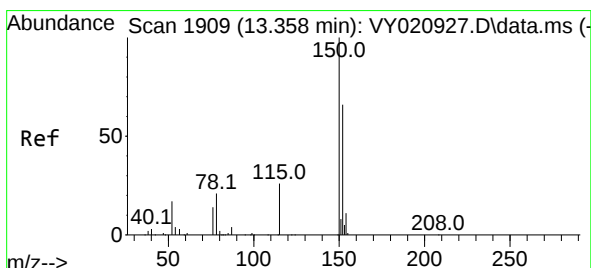
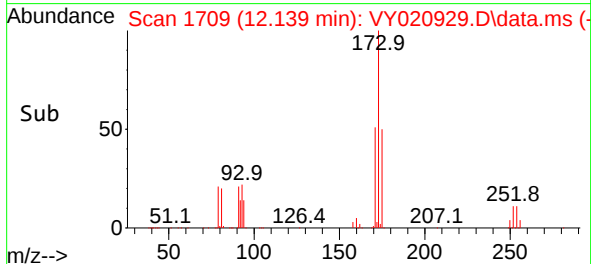
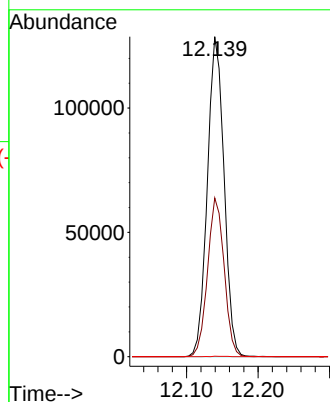
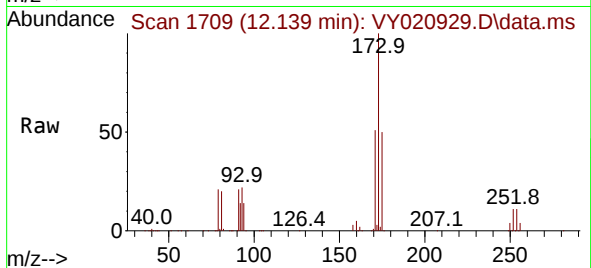
Tgt Ion:173 Resp: 208492

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

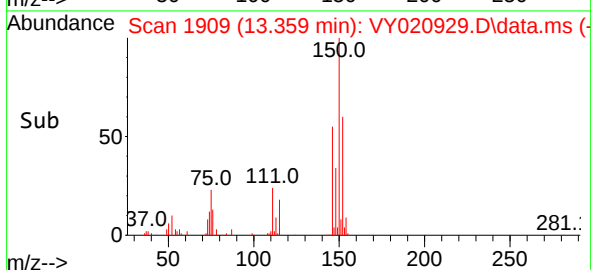
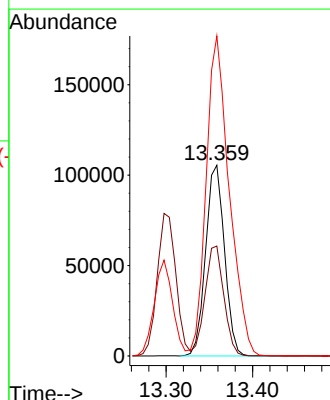
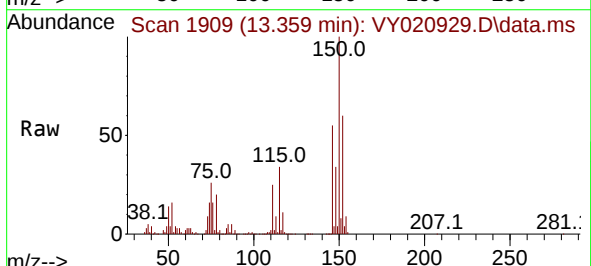
Tgt Ion:152 Resp: 159694

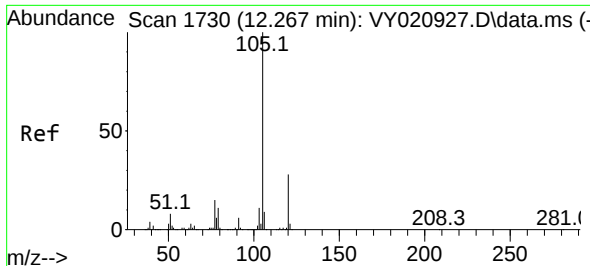
Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 205.6 0.0 347.6

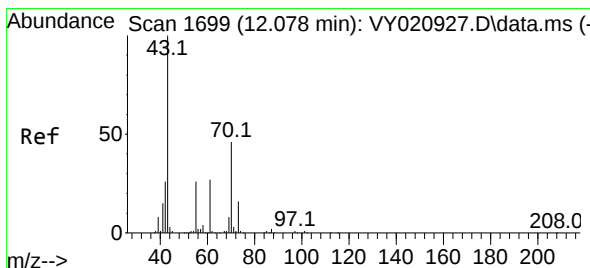
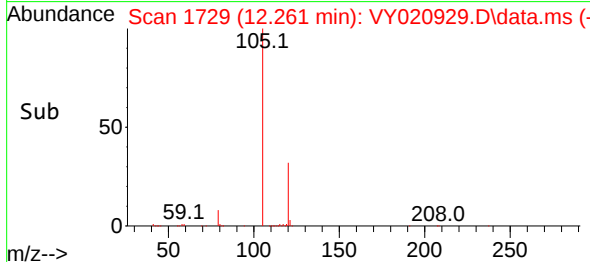
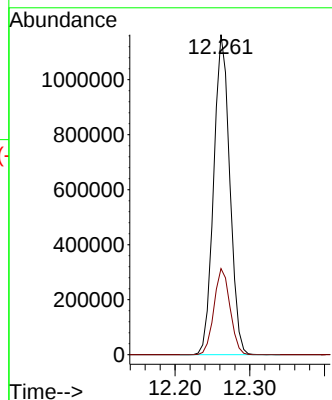
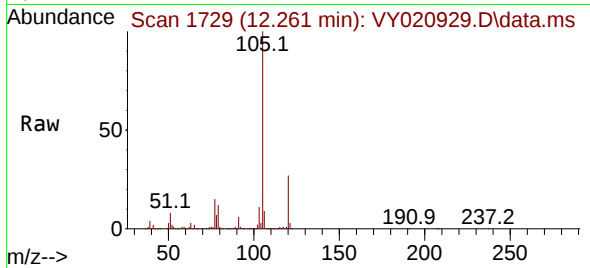




#73
Isopropylbenzene
Concen: 158.495 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

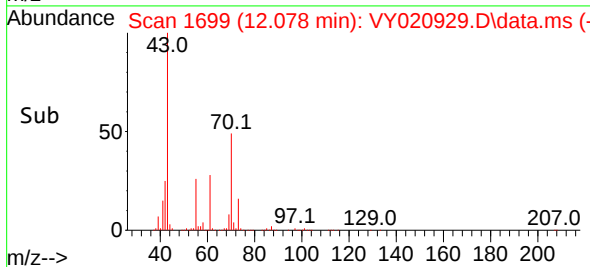
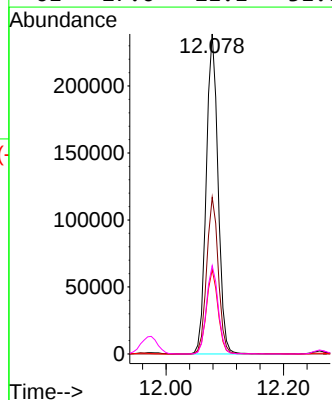
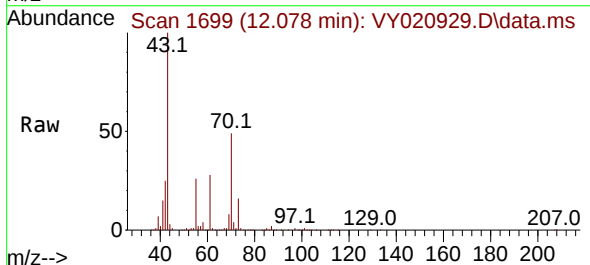
Instrument :
MSVOA_Y
ClientSampleId :

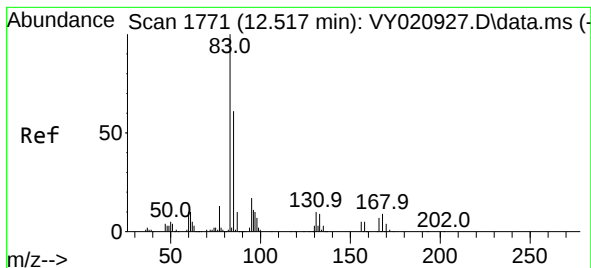
Tgt Ion:105 Resp: 1743202
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 170.034 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 43 Resp: 332775
Ion Ratio Lower Upper
43 100
70 48.5 38.7 58.1
55 25.9 21.6 32.4
61 27.6 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 153.376 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

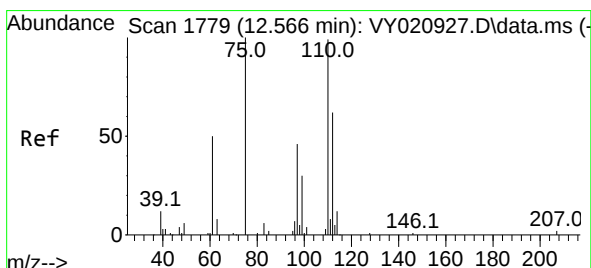
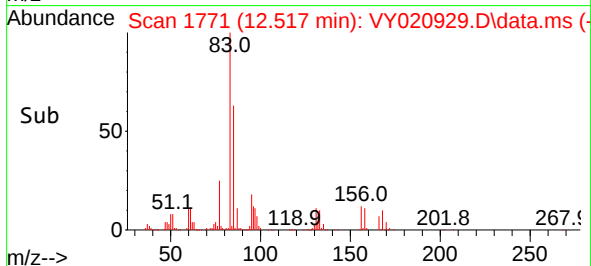
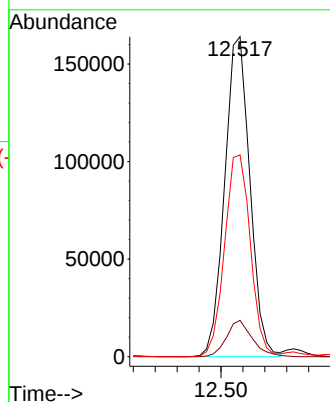
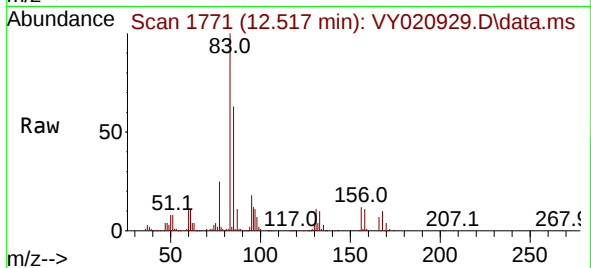
Tgt Ion: 83 Resp: 262465

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 306.427 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020929.D

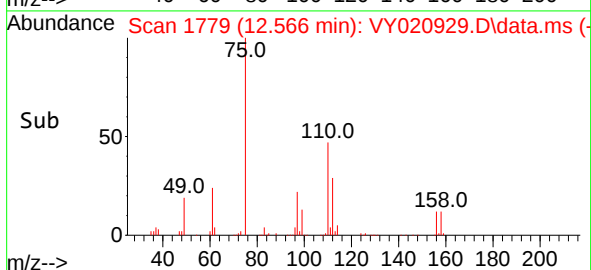
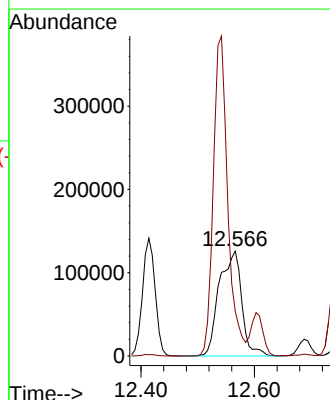
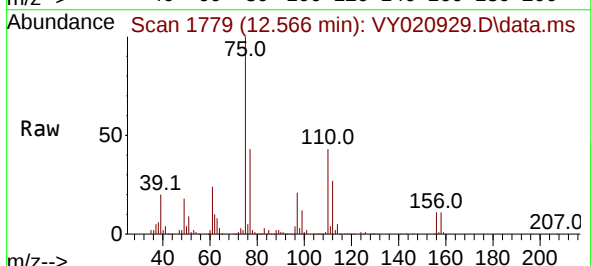
Acq: 24 Jan 2025 14:50

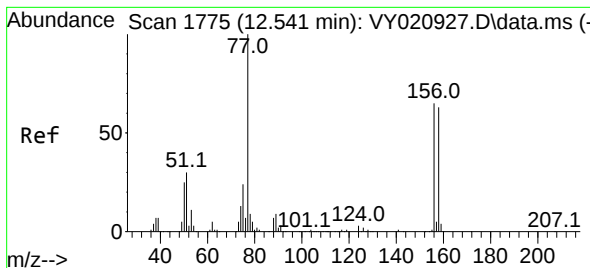
Tgt Ion: 75 Resp: 345986

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 158.485 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

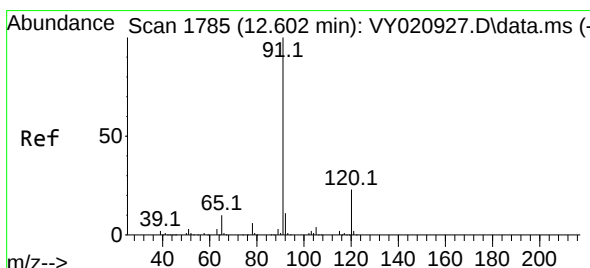
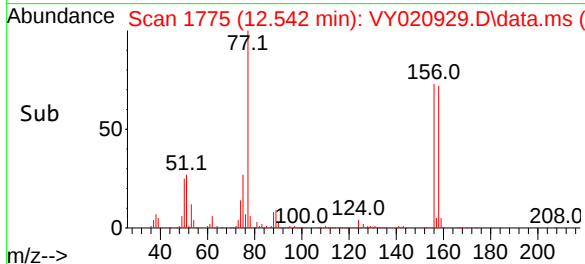
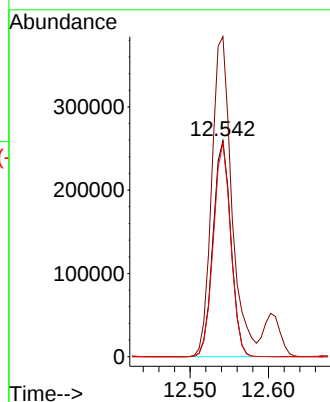
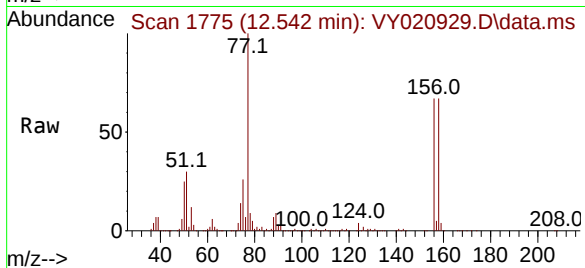
Tgt Ion:156 Resp: 408593

Ion Ratio Lower Upper

156 100

77 166.5 84.4 253.1

158 97.1 48.9 146.6



#78

n-propylbenzene

Concen: 156.282 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020929.D

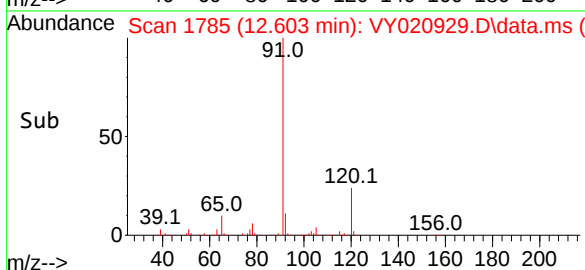
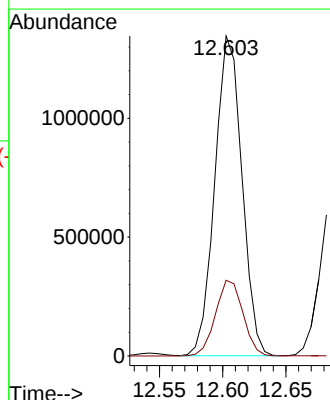
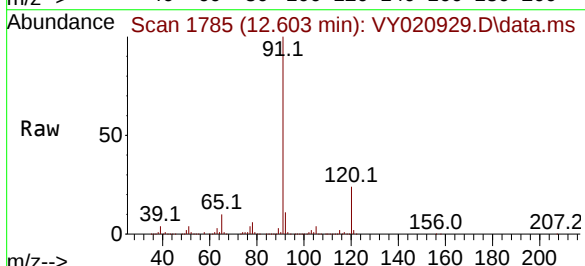
Acq: 24 Jan 2025 14:50

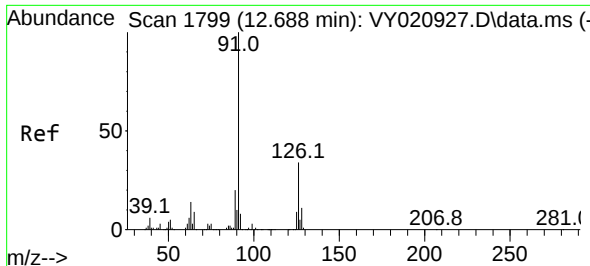
Tgt Ion: 91 Resp: 2002187

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

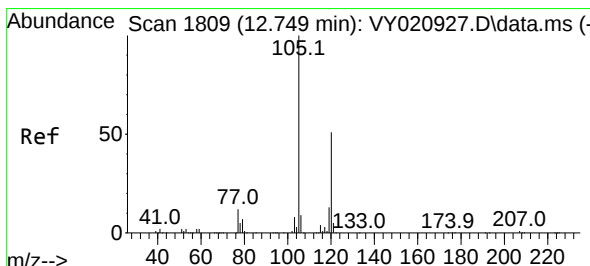
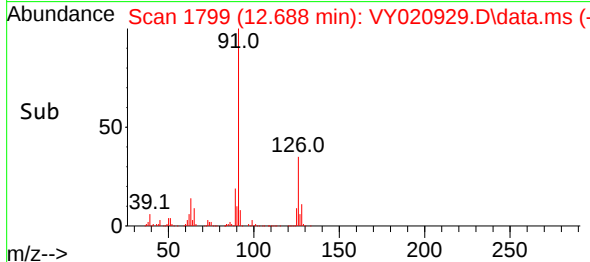
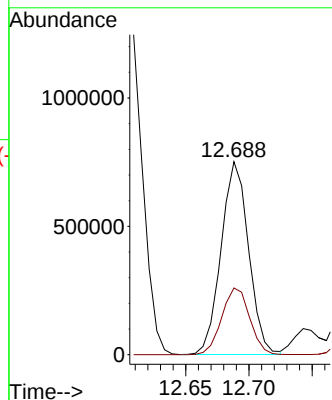
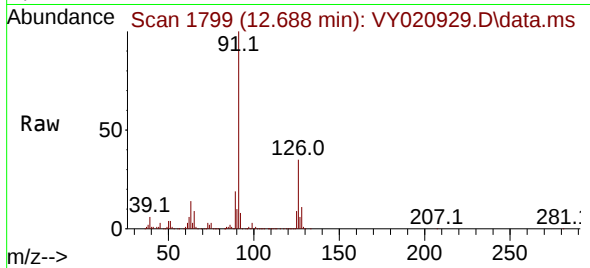




#79
2-Chlorotoluene
Concen: 156.460 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

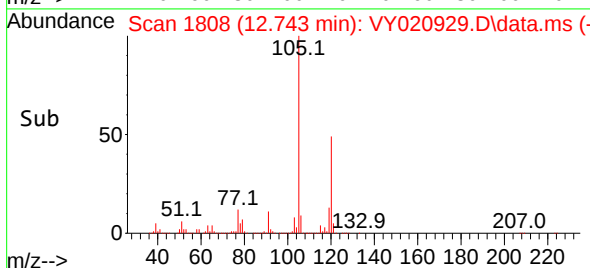
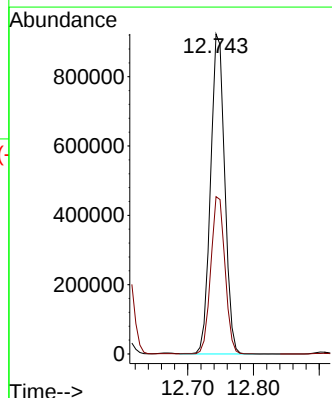
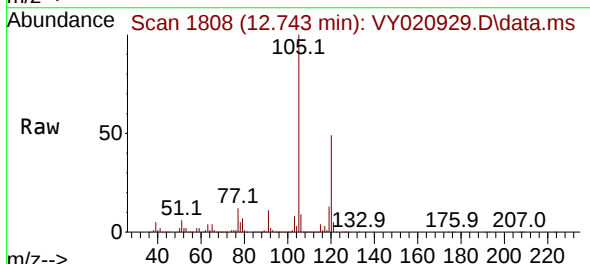
Instrument :
MSVOA_Y
ClientSampleId :

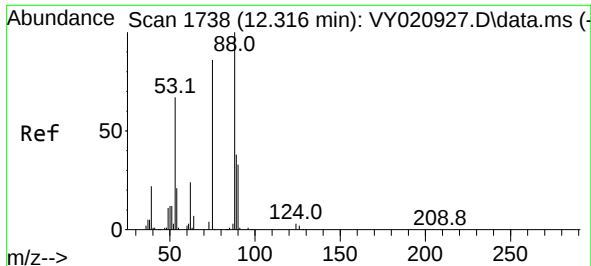
Tgt Ion: 91 Resp: 1136871
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 156.003 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion:105 Resp: 1378679
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6

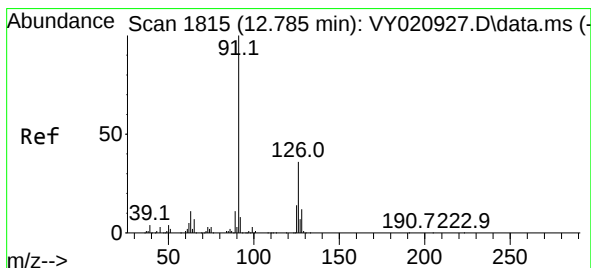
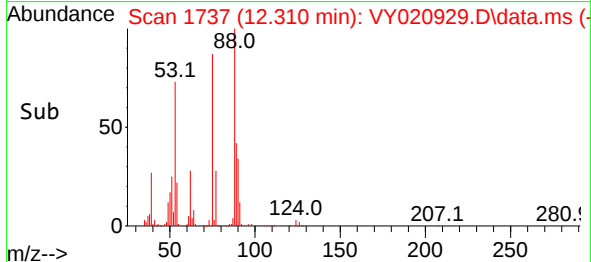
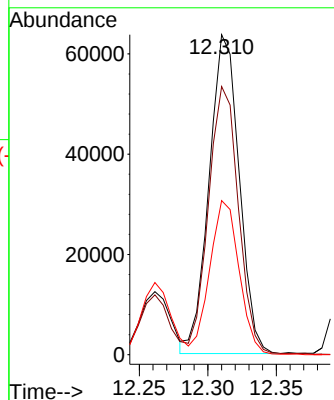
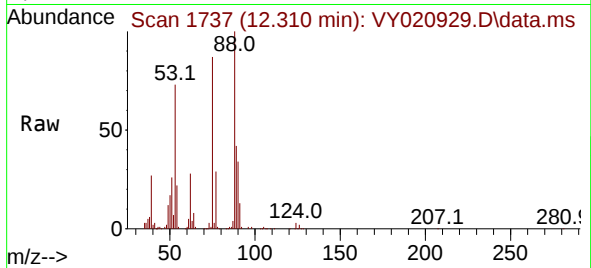




#81
trans-1,4-Dichloro-2-butene
Concen: 165.961 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

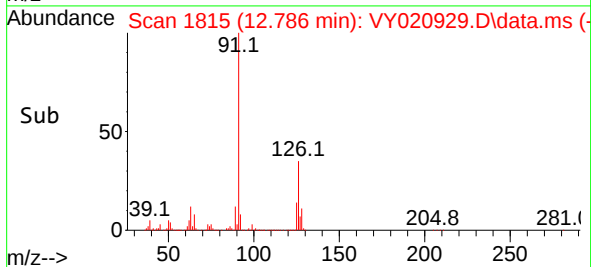
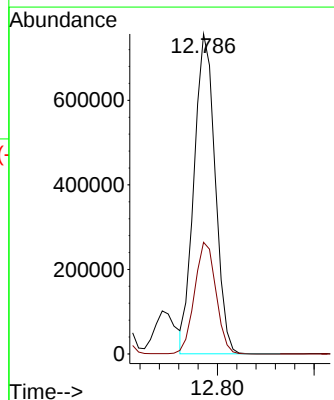
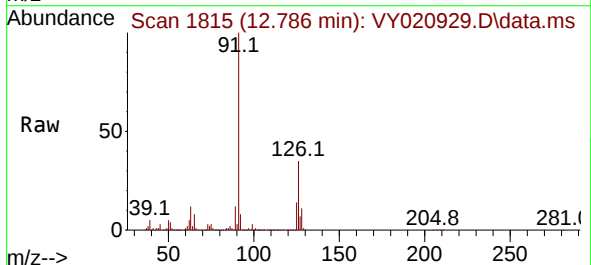
Instrument :
MSVOA_Y
ClientSampleId :

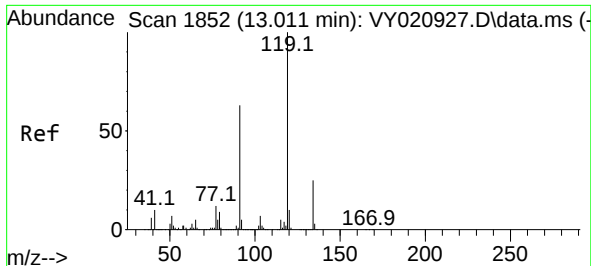
Tgt Ion: 75 Resp: 96991
Ion Ratio Lower Upper
75 100
53 83.8 67.7 101.5
89 47.3 38.4 57.6



#82
4-Chlorotoluene
Concen: 154.069 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 91 Resp: 1143182
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

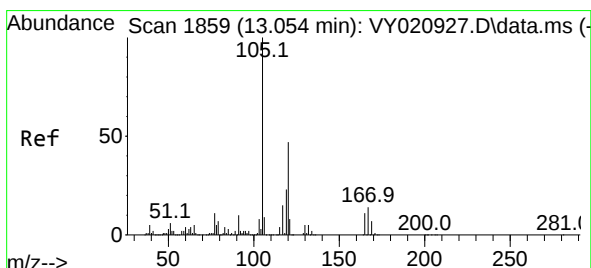
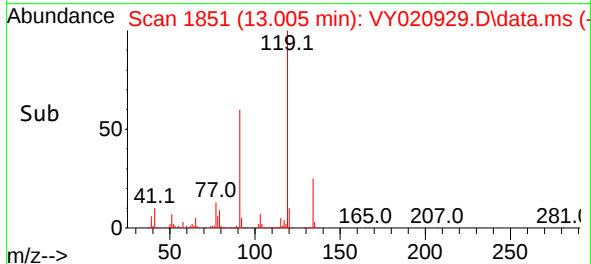
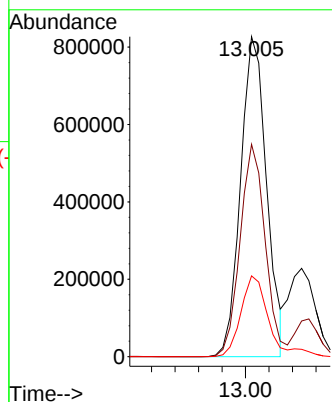
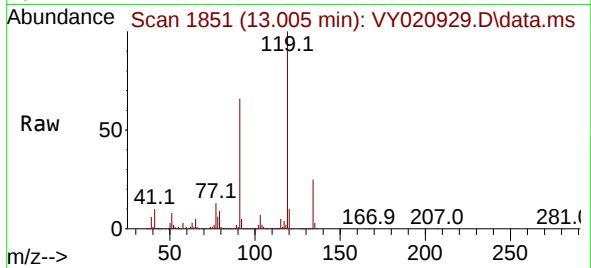




#83
tert-Butylbenzene
Concen: 155.515 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

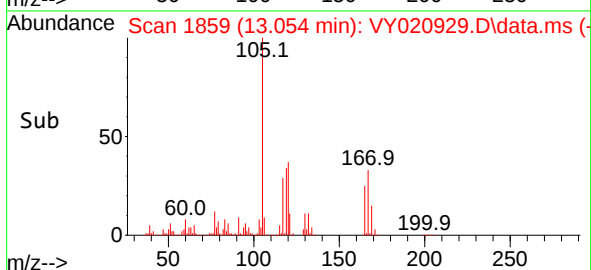
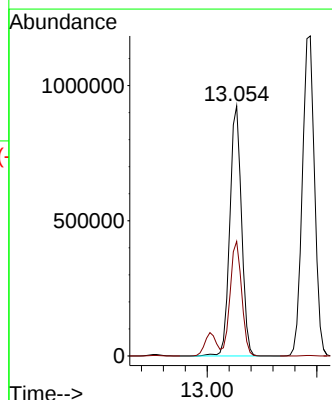
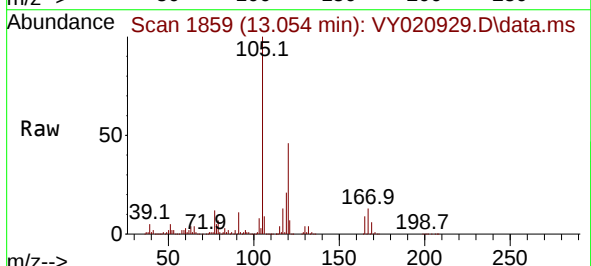
Instrument :
MSVOA_Y
ClientSampleId :

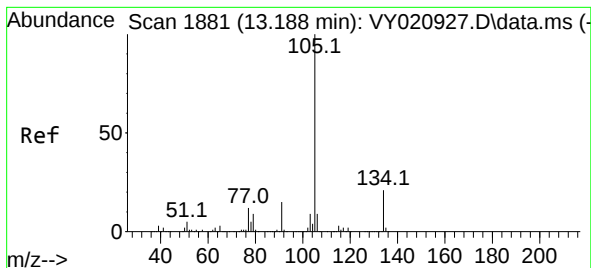
Tgt Ion:119 Resp: 1267671
Ion Ratio Lower Upper
119 100
91 64.5 30.9 92.8
134 27.1 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 157.334 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion:105 Resp: 1368819
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 156.460 ug/l

RT: 13.188 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

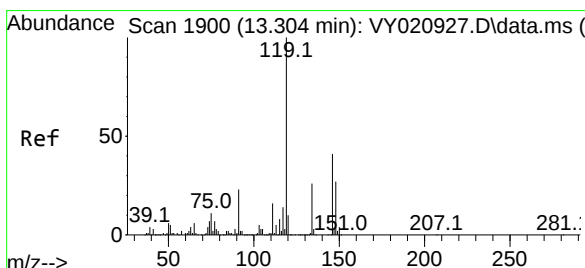
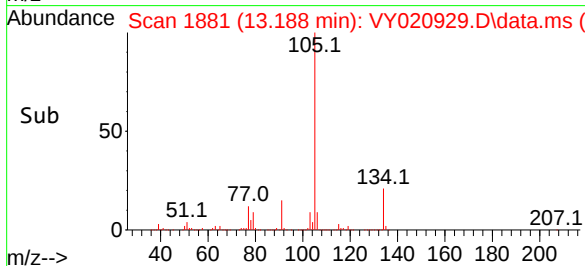
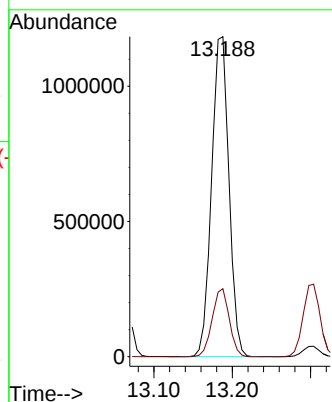
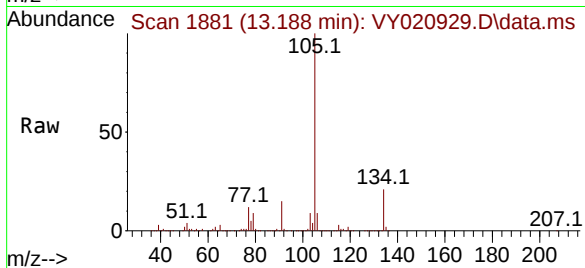
ClientSampleId :

Tgt Ion:105 Resp: 1818367

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 156.824 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

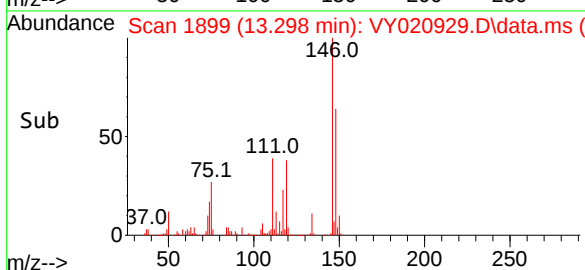
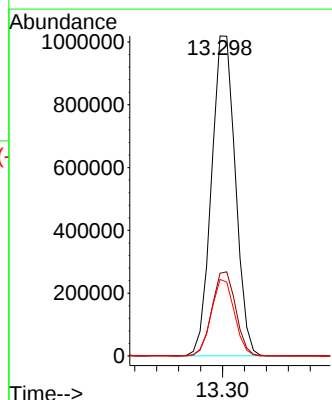
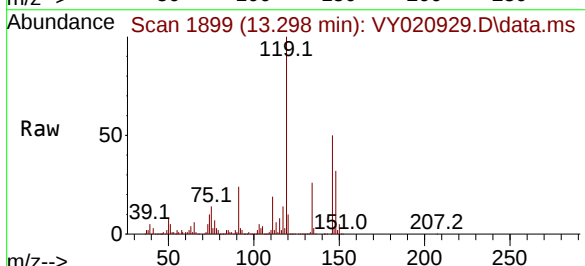
Tgt Ion:119 Resp: 1539802

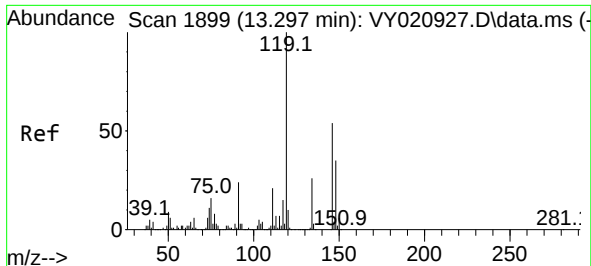
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 153.637 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

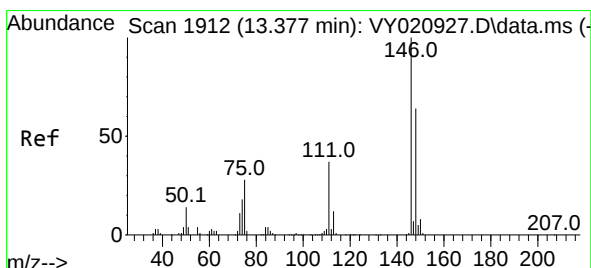
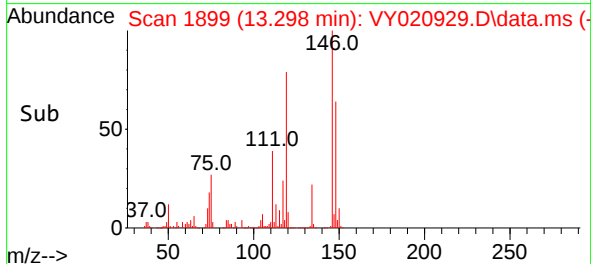
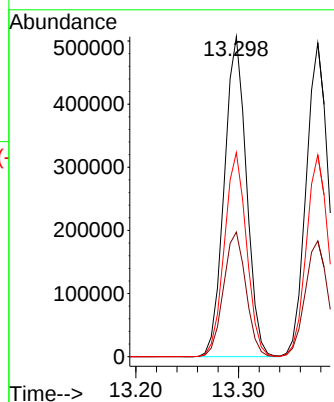
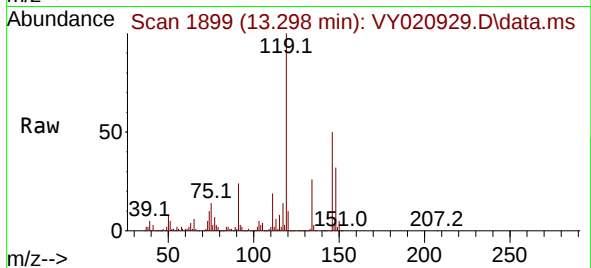
Tgt Ion:146 Resp: 758486

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 153.438 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

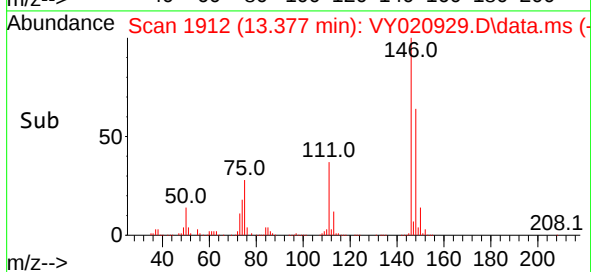
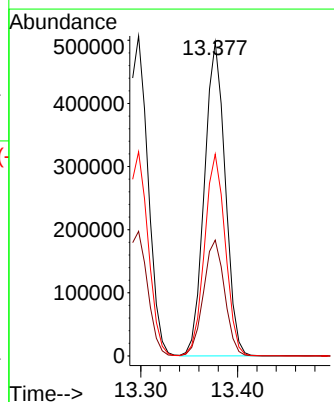
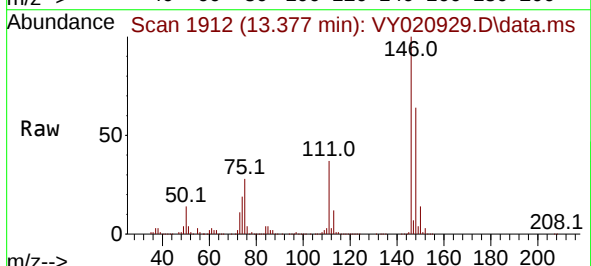
Tgt Ion:146 Resp: 744117

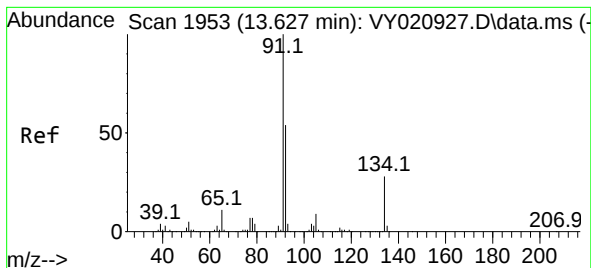
Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.4

148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 159.423 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

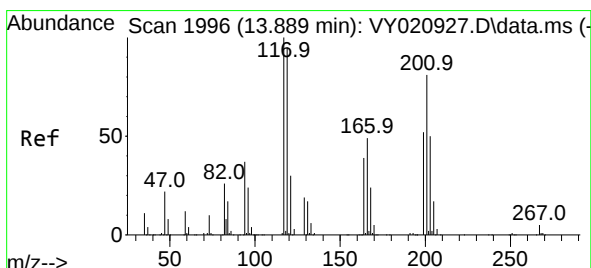
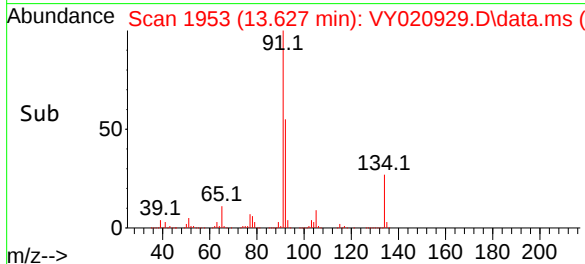
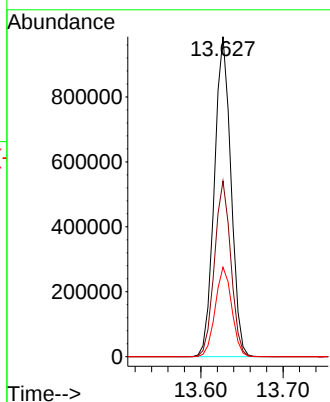
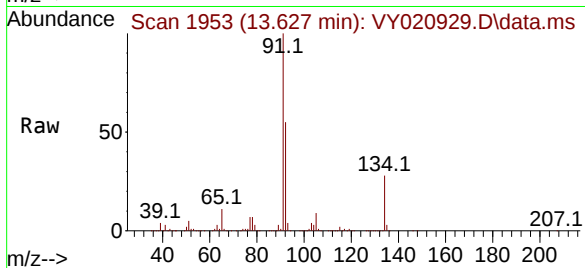
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1380734

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.3
134	27.9	13.8	41.4



#90

Hexachloroethane

Concen: 160.650 ug/l

RT: 13.889 min Scan# 1996

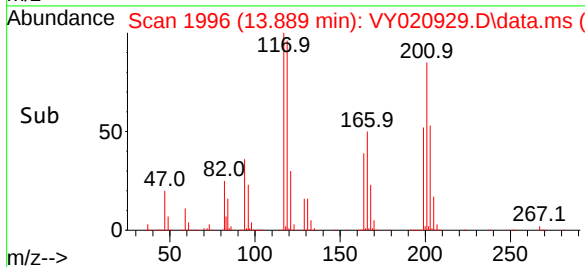
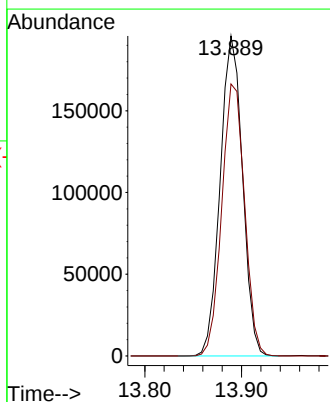
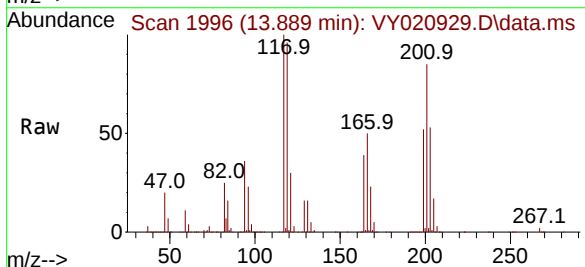
Delta R.T. 0.000 min

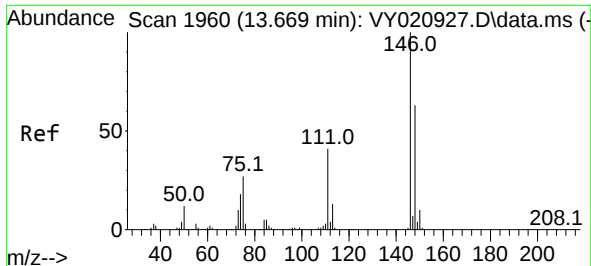
Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Tgt Ion: 117 Resp: 313343

Ion	Ratio	Lower	Upper
117	100		
201	86.7	42.7	128.1

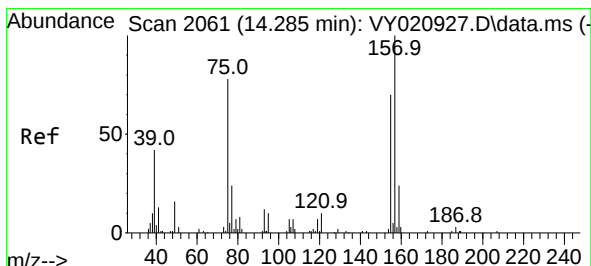
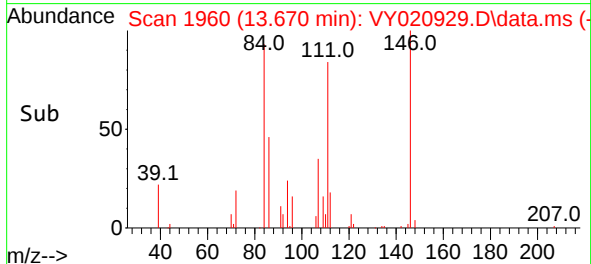
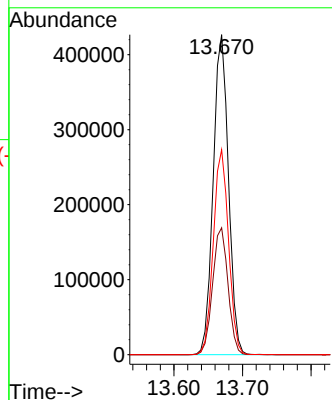
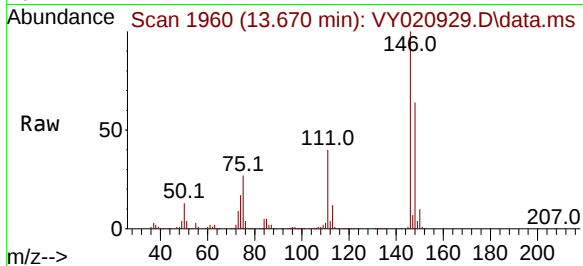




#91
1,2-Dichlorobenzene
Concen: 154.362 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

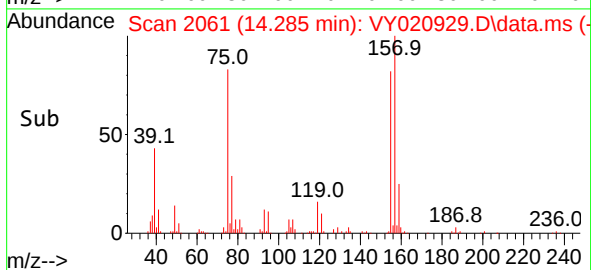
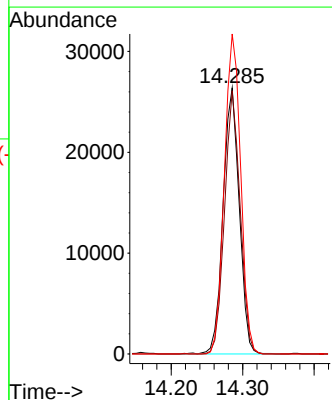
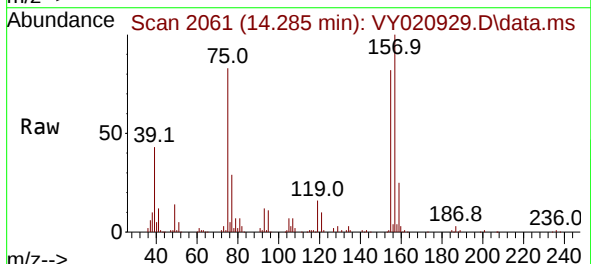
Instrument :
MSVOA_Y
ClientSampleId :

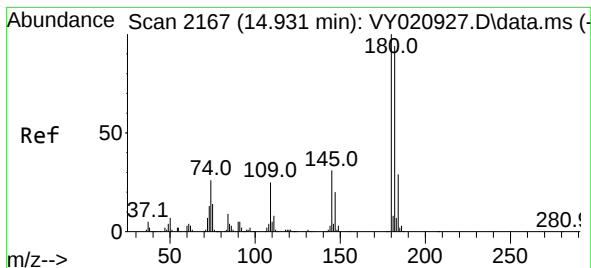
Tgt Ion:146 Resp: 660246
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.6
148 63.9 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 161.122 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VY020929.D
Acq: 24 Jan 2025 14:50

Tgt Ion: 75 Resp: 41420
Ion Ratio Lower Upper
75 100
155 95.5 46.6 139.7
157 121.0 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 174.595 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

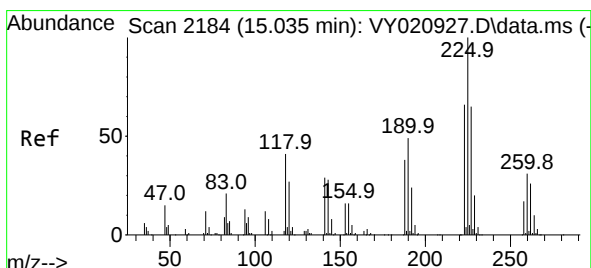
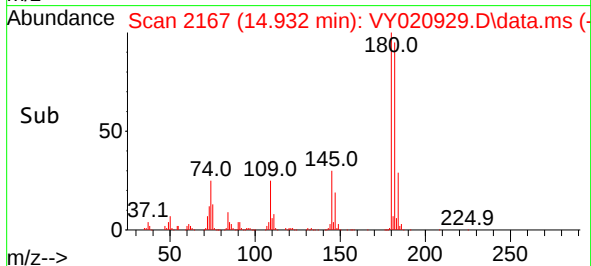
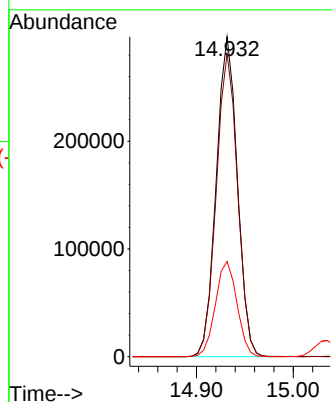
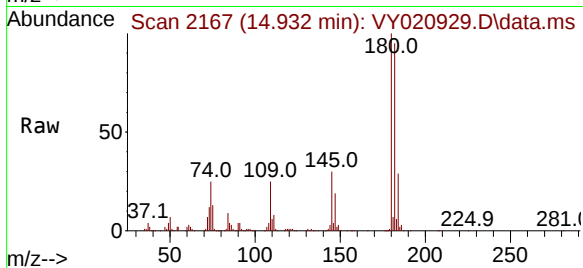
Tgt Ion:180 Resp: 449246

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.4 14.9 44.5



#94

Hexachlorobutadiene

Concen: 161.033 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

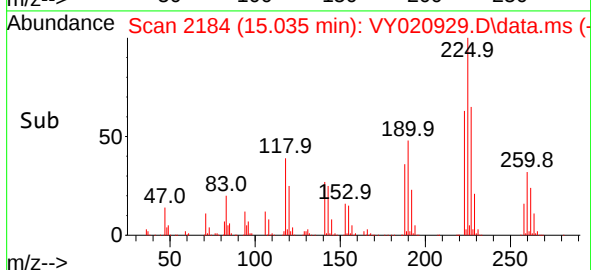
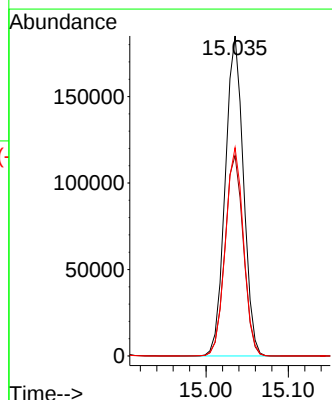
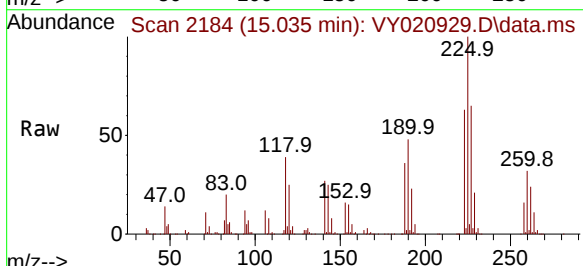
Tgt Ion:225 Resp: 283490

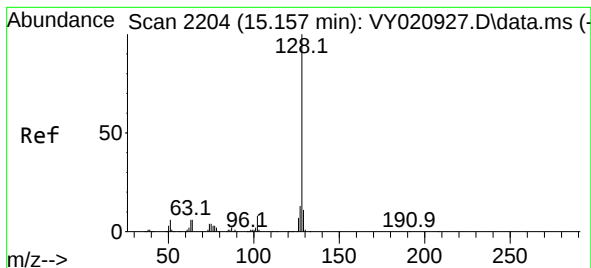
Ion Ratio Lower Upper

225 100

223 63.2 31.5 94.5

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 187.684 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

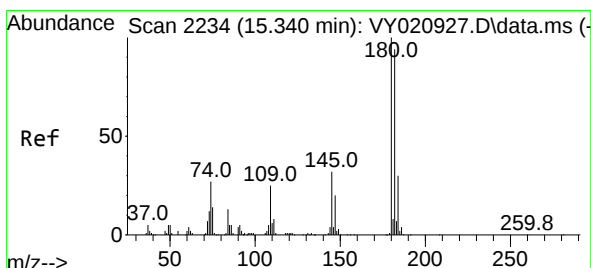
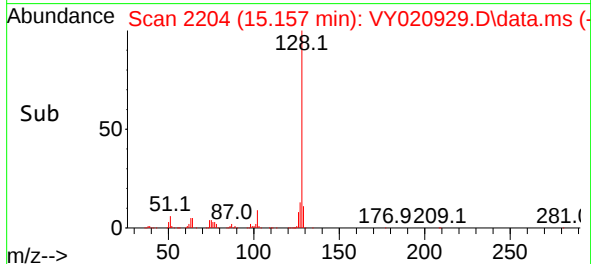
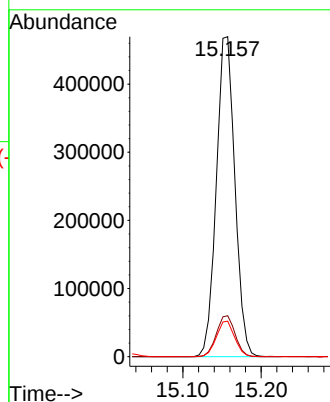
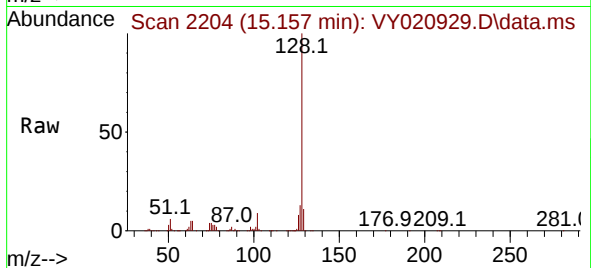
Tgt Ion:128 Resp: 774405

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 176.701 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020929.D

Acq: 24 Jan 2025 14:50

Tgt Ion:180 Resp: 381981

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 31.8 15.7 47.0

