

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020872.D
 Acq On : 20 Jan 2025 11:06
 Operator : SY/MD
 Sample : VY0120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:38:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	206075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	301119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	252265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	123034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86504	49.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.646	113	94286	49.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.115	98	361187	54.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.840%
62) 4-Bromofluorobenzene	12.413	95	120519	49.627	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	26891	17.781	ug/l	98
3) Chloromethane	2.074	50	14214	17.850	ug/l	96
4) Vinyl Chloride	2.214	62	18190	20.548	ug/l	99
5) Bromomethane	2.610	94	11245	17.835	ug/l	98
6) Chloroethane	2.750	64	11514	21.090	ug/l	97
7) Trichlorofluoromethane	3.067	101	50644	18.640	ug/l	94
8) Diethyl Ether	3.464	74	15508	18.253	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.836	101	37030	20.183	ug/l	97
10) Methyl Iodide	4.019	142	36396	18.511	ug/l	96
11) Tert butyl alcohol	4.884	59	13367	100.995	ug/l #	94
12) 1,1-Dichloroethene	3.805	96	30099	18.730	ug/l	96
13) Acrolein	3.665	56	87451	2352.810	ug/l	97
14) Allyl chloride	4.403	41	44529	19.206	ug/l	94
15) Acrylonitrile	5.079	53	32406	89.744	ug/l	99
16) Acetone	3.884	43	22854	91.755	ug/l	93
17) Carbon Disulfide	4.122	76	58408	16.754	ug/l	100
18) Methyl Acetate	4.396	43	15787	18.772	ug/l	96
19) Methyl tert-butyl Ether	5.134	73	79970	17.633	ug/l	97
20) Methylene Chloride	4.628	84	32762	19.046	ug/l	95
21) trans-1,2-Dichloroethene	5.134	96	32067	18.120	ug/l	95
22) Diisopropyl ether	6.036	45	101543	20.560	ug/l	99
23) Vinyl Acetate	5.975	43	257145	94.429	ug/l	100
24) 1,1-Dichloroethane	5.933	63	63137	19.376	ug/l	98
25) 2-Butanone	6.908	43	37514	91.688	ug/l	97
26) 2,2-Dichloropropane	6.902	77	63043	18.634	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	41318	18.505	ug/l	97
28) Bromochloromethane	7.262	49	14732	16.755	ug/l	92
29) Tetrahydrofuran	7.274	42	24362	93.211	ug/l	94
30) Chloroform	7.433	83	71169	19.152	ug/l	94
31) Cyclohexane	7.713	56	49098	19.264	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	66883	18.452	ug/l	99
36) 1,1-Dichloropropene	7.847	75	46134	19.173	ug/l	99
37) Ethyl Acetate	7.000	43	17780	18.568	ug/l	99
38) Carbon Tetrachloride	7.829	117	61836	18.462	ug/l	96
39) Methylcyclohexane	9.121	83	56457	19.120	ug/l	100
40) Benzene	8.091	78	143697	19.458	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	11493	20.958	ug/l	91
42) 1,2-Dichloroethane	8.170	62	36703	18.199	ug/l	98
43) Isopropyl Acetate	8.207	43	36939	18.966	ug/l	97
44) Trichloroethene	8.871	130	40174	19.514	ug/l	99
45) 1,2-Dichloropropane	9.146	63	34383	20.537	ug/l	98
46) Dibromomethane	9.243	93	18424	19.164	ug/l	99
47) Bromodichloromethane	9.432	83	52990	19.246	ug/l	98
48) Methyl methacrylate	9.231	41	16105	18.445	ug/l	99
49) 1,4-Dioxane	9.243	88	3679	360.428	ug/l #	77
51) 4-Methyl-2-Pentanone	10.005	43	94841	97.472	ug/l	98
52) Toluene	10.182	92	95310	19.490	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	45750	18.682	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	54488	19.159	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	27234	19.829	ug/l	94
56) Ethyl methacrylate	10.450	69	32046	18.475	ug/l	98
57) 1,3-Dichloropropane	10.725	76	44113	19.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	58553	85.092	ug/l	98
59) 2-Hexanone	10.767	43	59552	95.401	ug/l	96
60) Dibromochloromethane	10.920	129	37373	18.762	ug/l	100
61) 1,2-Dibromoethane	11.023	107	23498	19.057	ug/l	99
64) Tetrachloroethene	10.658	164	35520	19.151	ug/l	95
65) Chlorobenzene	11.450	112	107448	19.264	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.523	131	40081	18.877	ug/l	96
67) Ethyl Benzene	11.529	91	186812	19.346	ug/l	100
68) m/p-Xylenes	11.633	106	142512	38.331	ug/l	98
69) o-Xylene	11.962	106	68260	19.364	ug/l	96
70) Styrene	11.974	104	113584	19.141	ug/l	99
71) Bromoform	12.139	173	22509	18.648	ug/l #	100
73) Isopropylbenzene	12.261	105	188217	19.283	ug/l	99
74) N-amyl acetate	12.078	43	30804	19.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	28862	19.510	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	37247	34.599	ug/l #	100
77) Bromobenzene	12.541	156	43250	19.219	ug/l	99
78) n-propylbenzene	12.602	91	218712	19.742	ug/l	99
79) 2-Chlorotoluene	12.688	91	125157	19.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	152915	19.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9402	18.415	ug/l	98
82) 4-Chlorotoluene	12.785	91	128248	19.479	ug/l	98
83) tert-Butylbenzene	13.005	119	141748	19.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.053	105	151308	19.588	ug/l	99
85) sec-Butylbenzene	13.182	105	203449	19.688	ug/l	100
86) p-Isopropyltoluene	13.297	119	169116	19.184	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	86592	19.804	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	83373	19.370	ug/l	99
89) n-Butylbenzene	13.627	91	148627	19.434	ug/l	98
90) Hexachloroethane	13.889	117	33592	18.977	ug/l	98
91) 1,2-Dichlorobenzene	13.669	146	74014	19.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4253	17.780	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	41973	19.077	ug/l	99
94) Hexachlorobutadiene	15.035	225	28903	18.634	ug/l	99
95) Naphthalene	15.157	128	63420	17.514	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	34405	18.665	ug/l	98

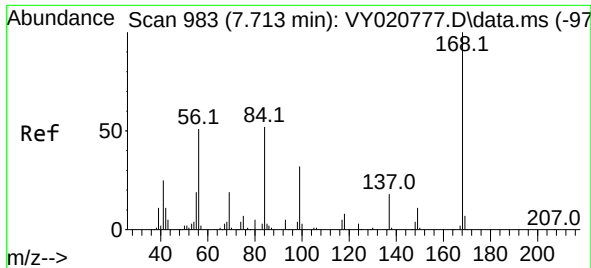
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Response via : Initial Calibration

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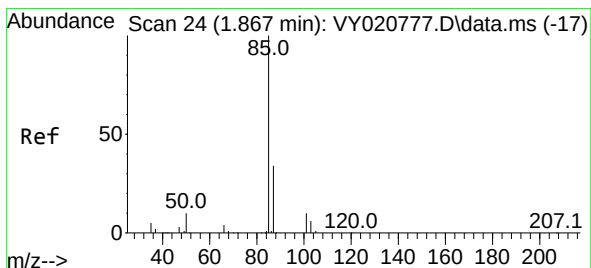
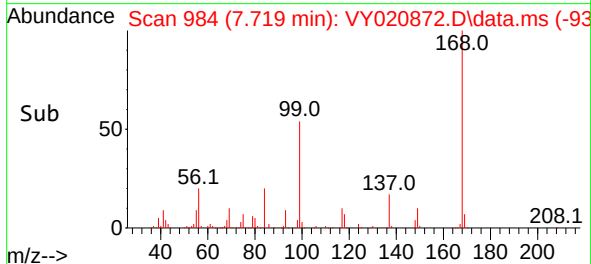
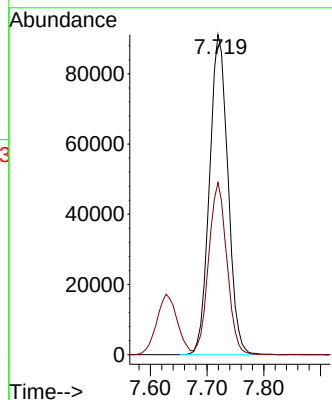
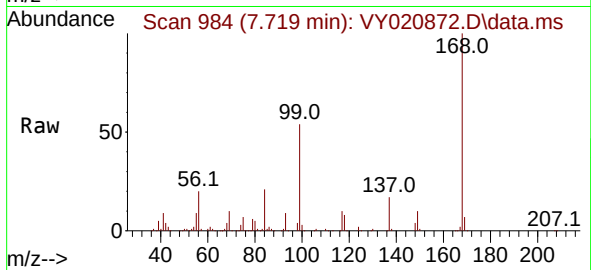
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

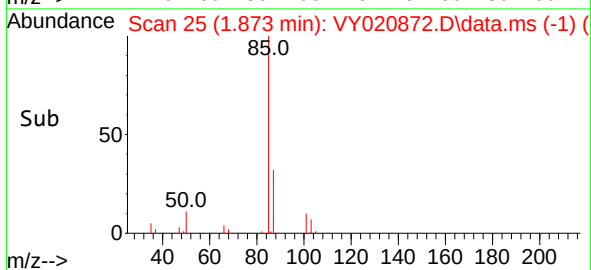
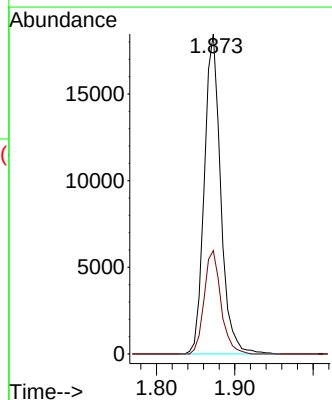
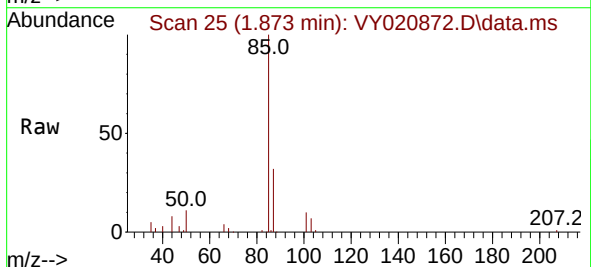
Instrument :
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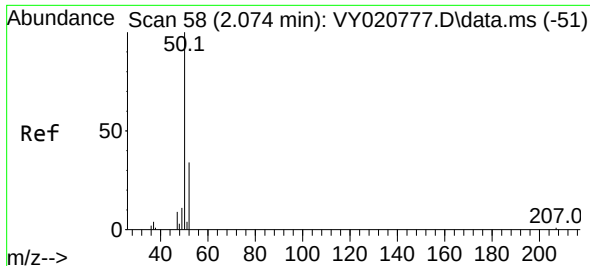
Tgt Ion:168 Resp: 206075
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 17.781 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 85 Resp: 26891
Ion Ratio Lower Upper
85 100
87 32.3 16.9 50.6

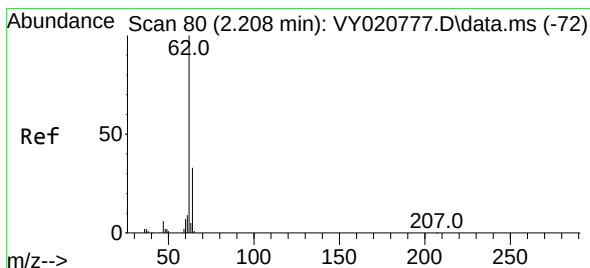
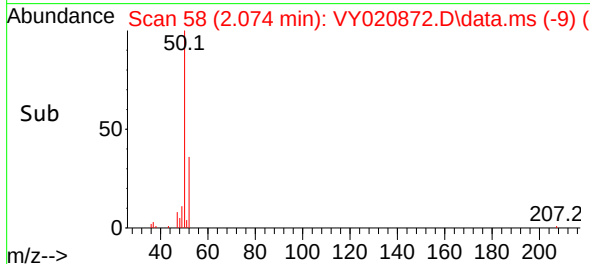
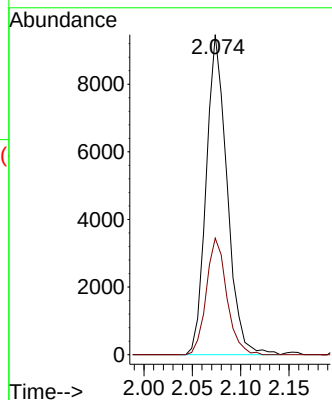
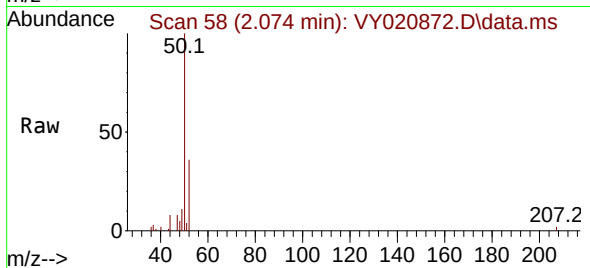




#3
Chloromethane
Concen: 17.850 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

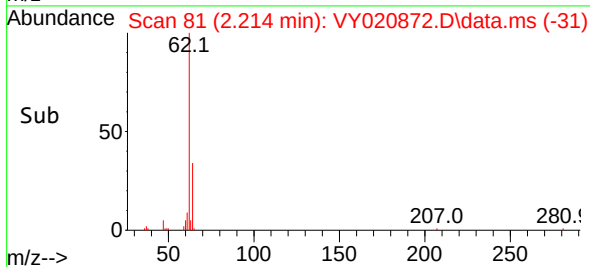
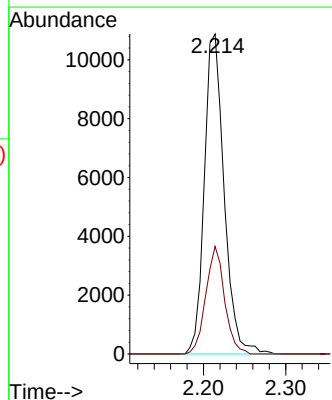
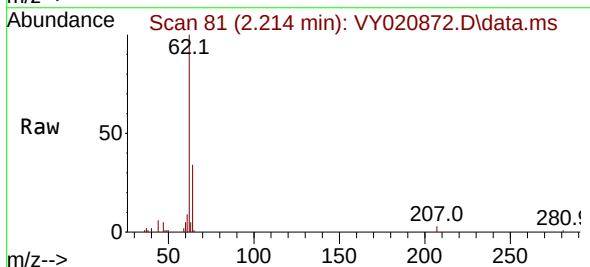
Instrument :
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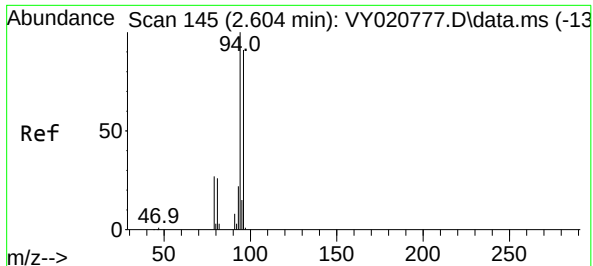
Tgt Ion: 50 Resp: 14214
Ion Ratio Lower Upper
50 100
52 36.4 27.3 40.9



#4
Vinyl Chloride
Concen: 20.548 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 62 Resp: 18190
Ion Ratio Lower Upper
62 100
64 33.6 26.6 39.8

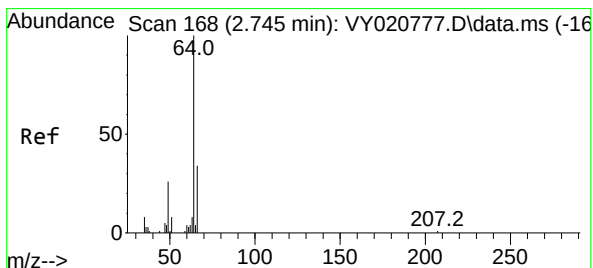
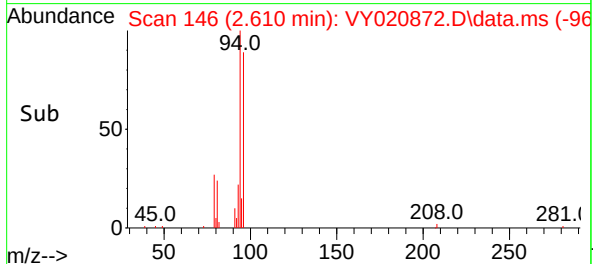
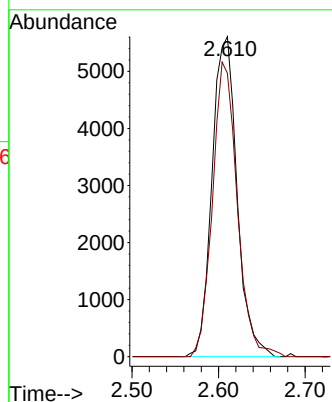
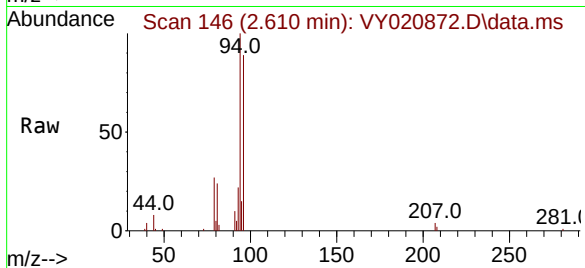




#5
Bromomethane
Concen: 17.835 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

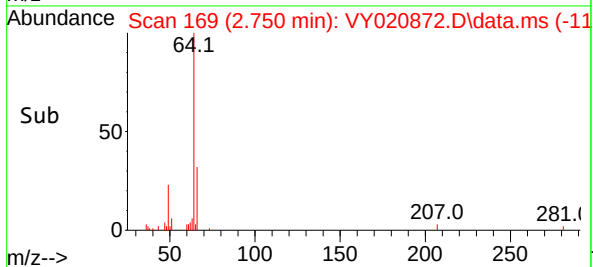
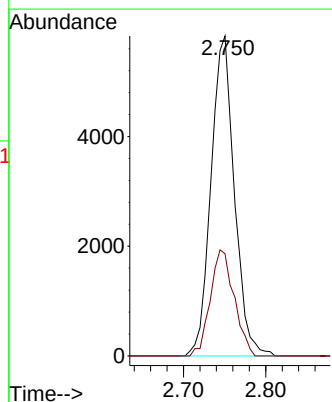
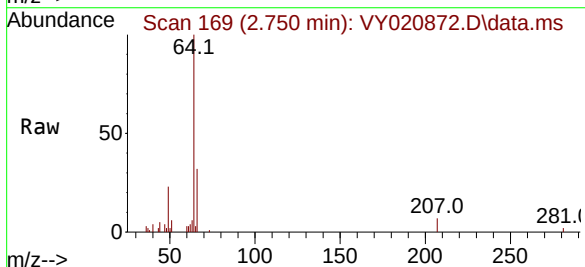
Instrument :
MSVOA_Y
ClientSampleId :

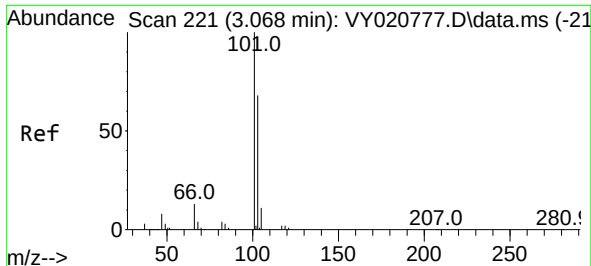
Tgt Ion: 94 Resp: 11245
Ion Ratio Lower Upper
94 100
96 88.6 72.6 109.0



#6
Chloroethane
Concen: 21.090 ug/l
RT: 2.750 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 64 Resp: 11514
Ion Ratio Lower Upper
64 100
66 32.0 26.9 40.3

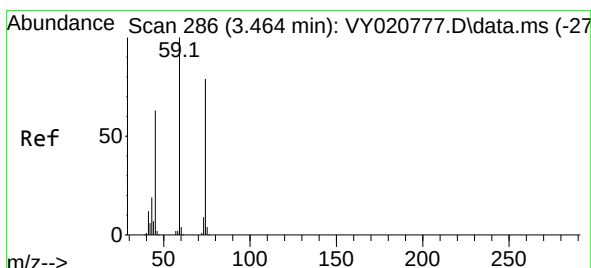
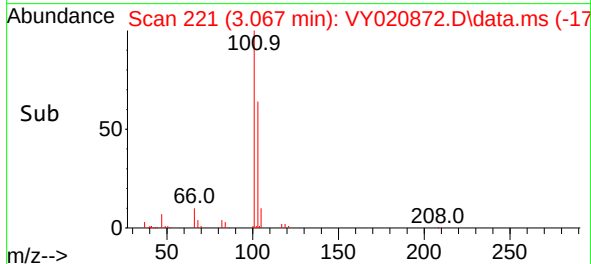
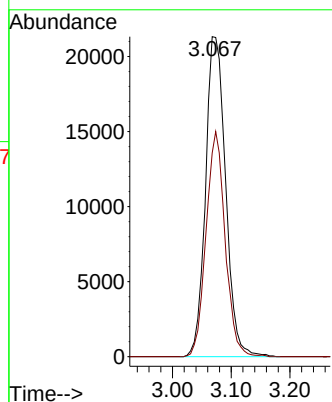
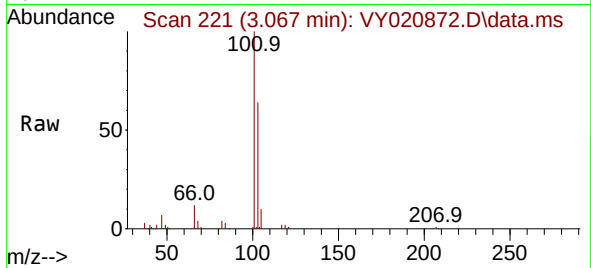




#7
Trichlorofluoromethane
Concen: 18.640 ug/l
RT: 3.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY020872.D
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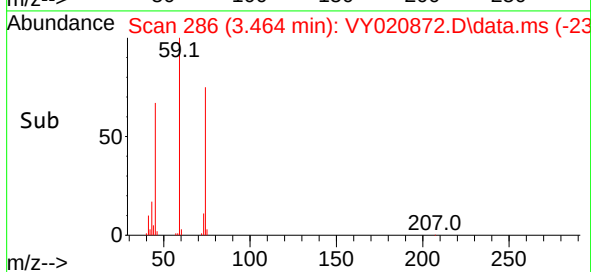
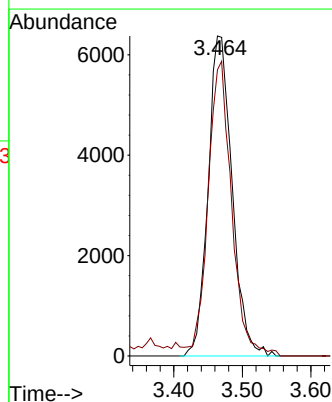
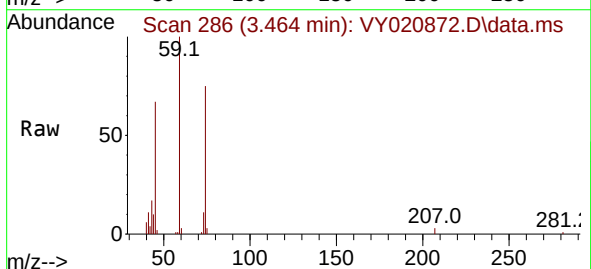
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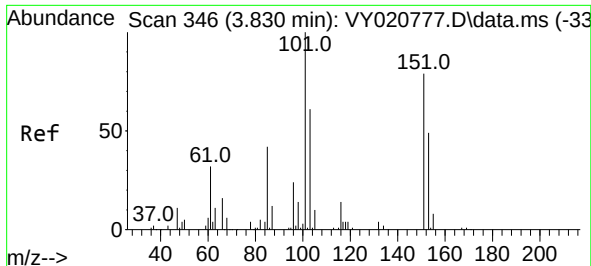
Tgt Ion:101 Resp: 50644
Ion Ratio Lower Upper
101 100
103 63.7 54.6 82.0



#8
Diethyl Ether
Concen: 18.253 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 74 Resp: 15508
Ion Ratio Lower Upper
74 100
45 90.7 41.3 124.1

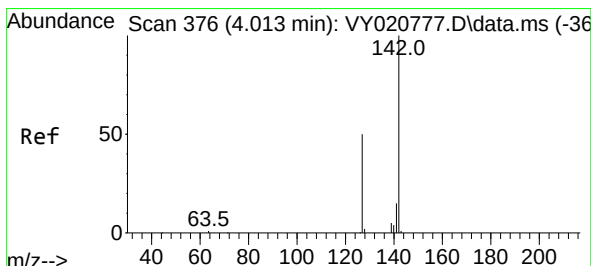
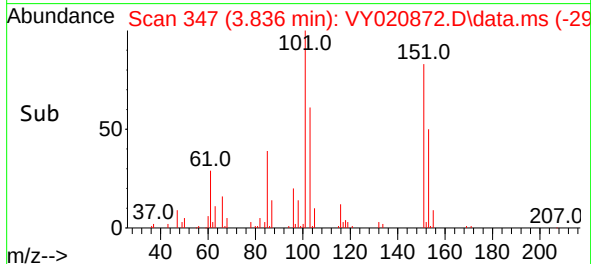
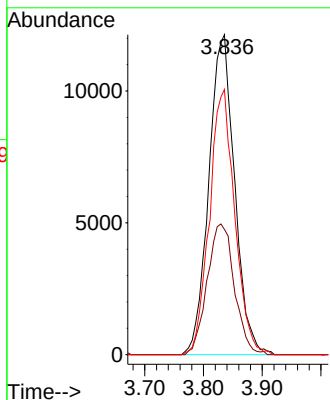
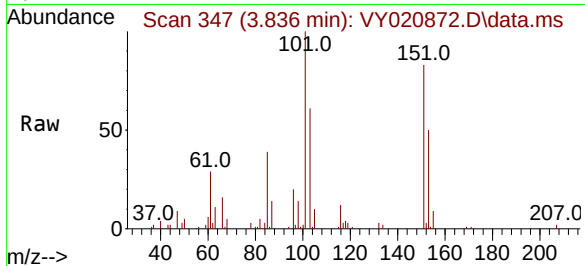




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.183 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020872.D
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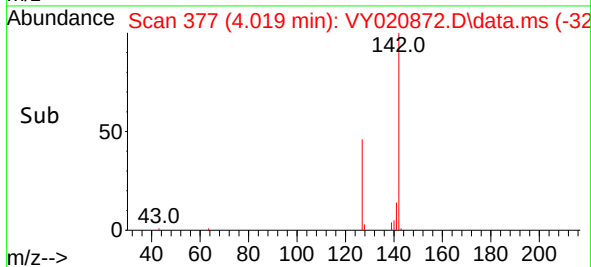
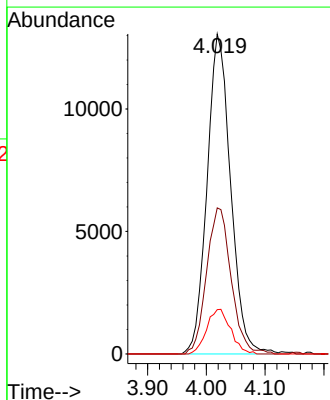
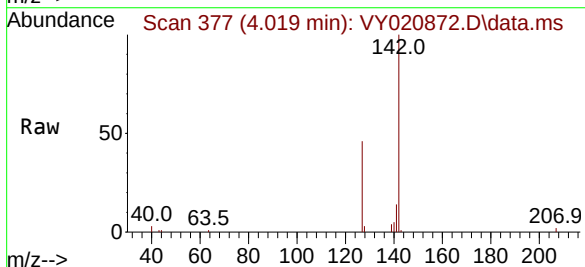
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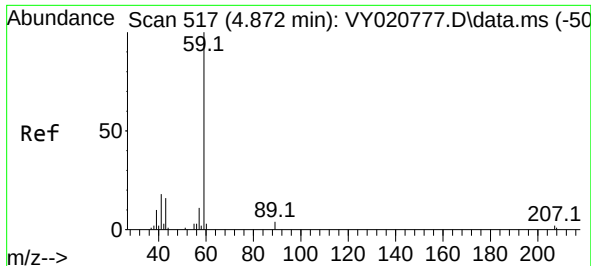
Tgt Ion:101 Resp: 37030
Ion Ratio Lower Upper
101 100
85 43.0 35.9 53.9
151 81.3 66.9 100.3



#10
Methyl Iodide
Concen: 18.511 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion:142 Resp: 36396
Ion Ratio Lower Upper
142 100
127 47.5 41.0 61.6
141 14.2 11.6 17.4

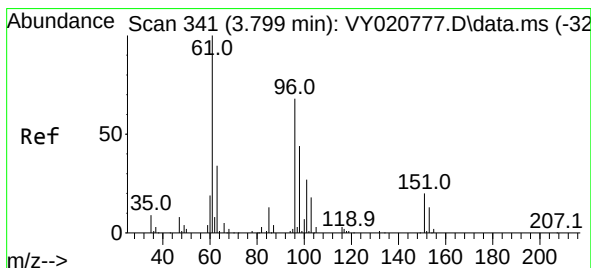
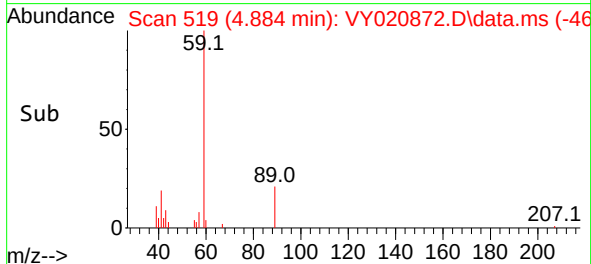
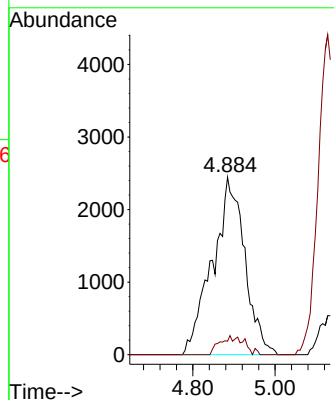
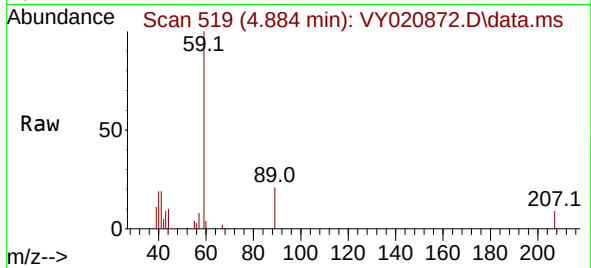




#11
Tert butyl alcohol
Concen: 100.995 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

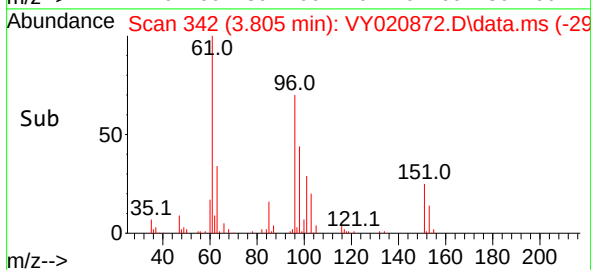
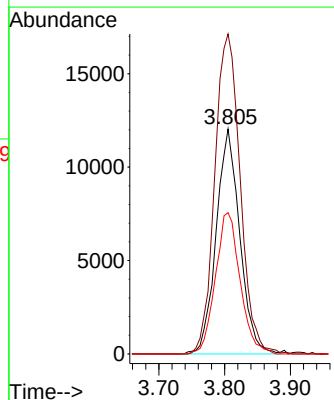
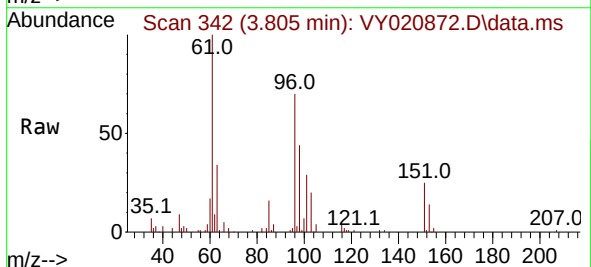
Instrument :
MSVOA_Y
ClientSampleId :

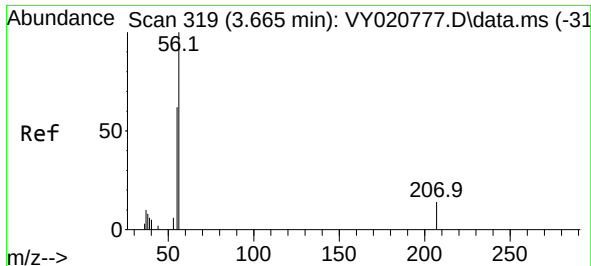
Tgt Ion: 59 Resp: 13367
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.730 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 96 Resp: 30099
Ion Ratio Lower Upper
96 100
61 142.2 117.8 176.8
98 62.8 51.9 77.9

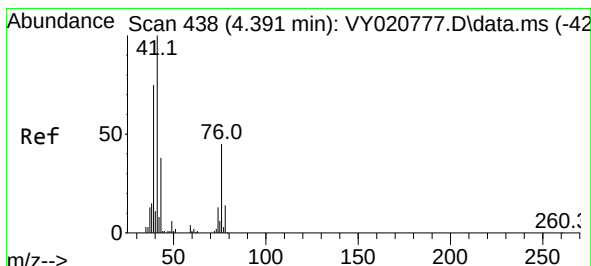
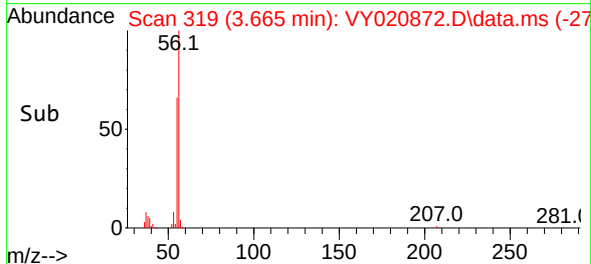
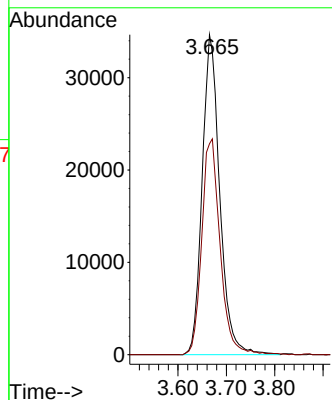
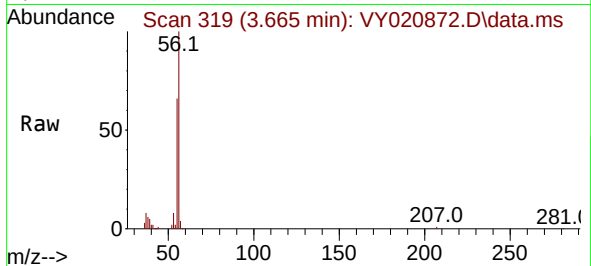




#13
Acrolein
Concen: 2352.810 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

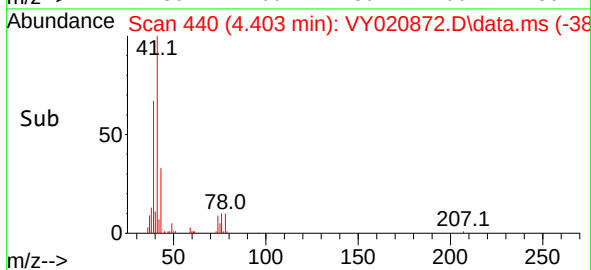
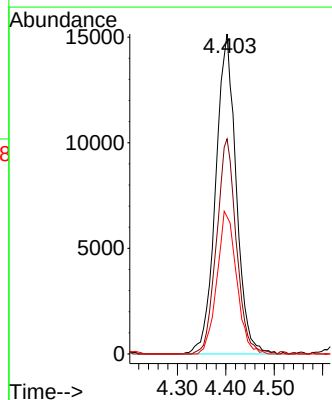
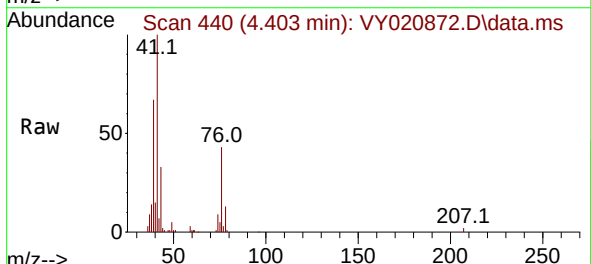
Instrument :
MSVOA_Y
ClientSampleId :

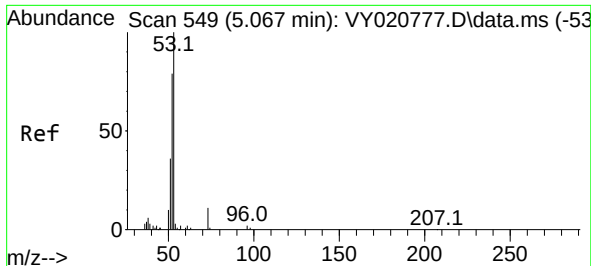
Tgt Ion: 56 Resp: 87451
Ion Ratio Lower Upper
56 100
55 70.3 58.1 87.1



#14
Allyl chloride
Concen: 19.206 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 41 Resp: 44529
Ion Ratio Lower Upper
41 100
39 65.1 57.5 86.3
76 42.8 35.6 53.4

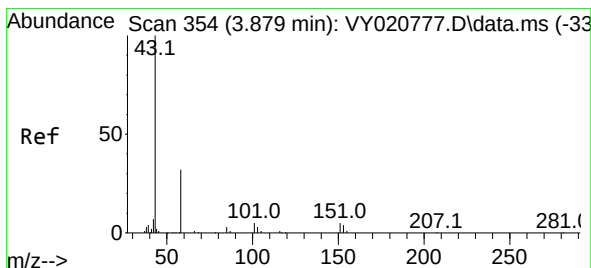
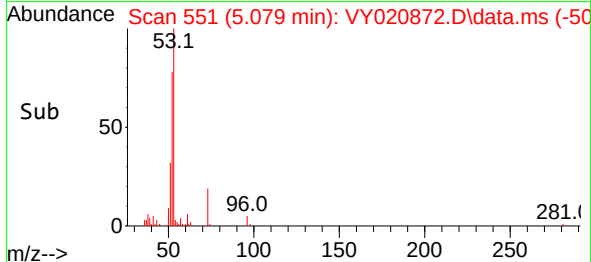
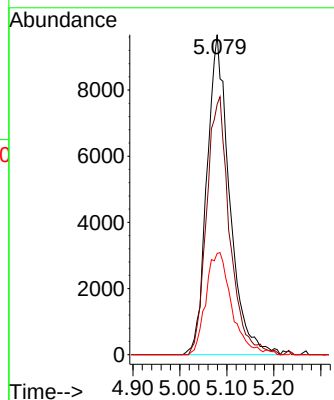
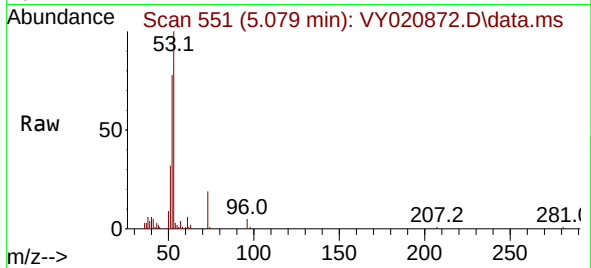




#15
Acrylonitrile
Concen: 89.744 ug/l
RT: 5.079 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

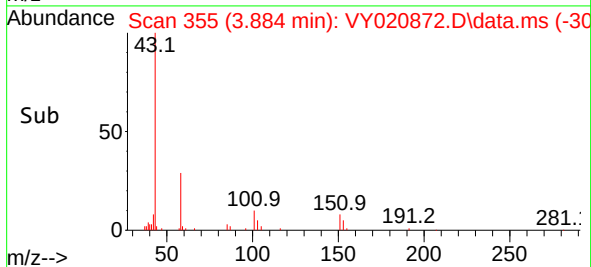
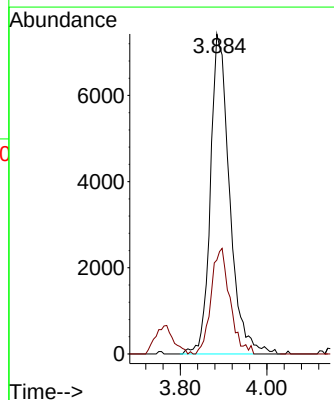
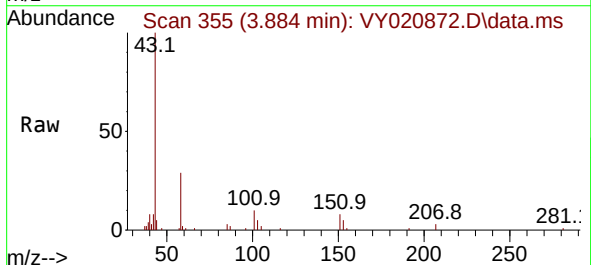
Instrument :
MSVOA_Y
ClientSampleId :

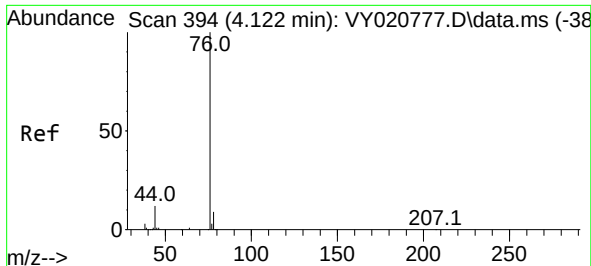
Tgt Ion: 53 Resp: 32406
Ion Ratio Lower Upper
53 100
52 81.9 64.3 96.5
51 36.0 29.3 43.9



#16
Acetone
Concen: 91.755 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 43 Resp: 22854
Ion Ratio Lower Upper
43 100
58 29.4 26.7 40.1

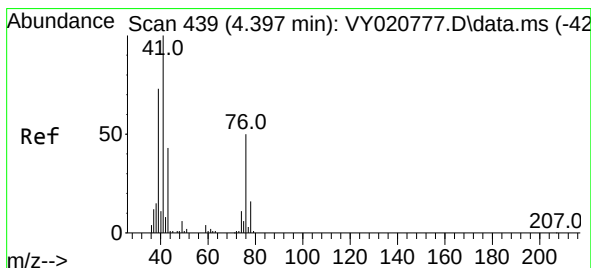
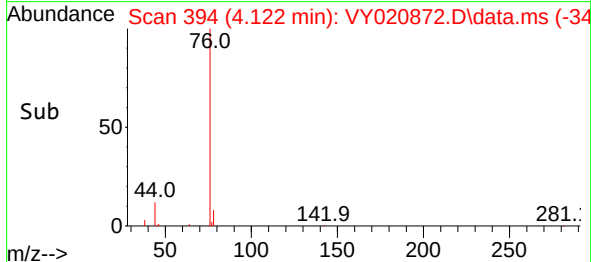
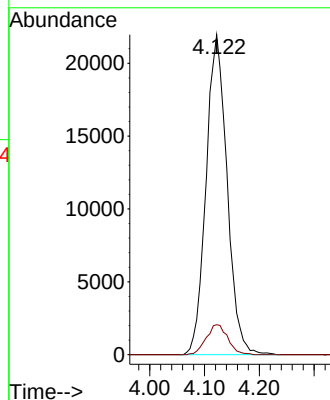
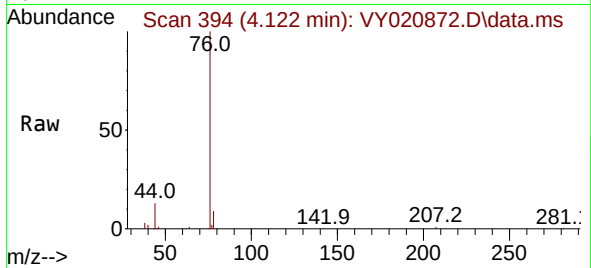




#17
Carbon Disulfide
Concen: 16.754 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

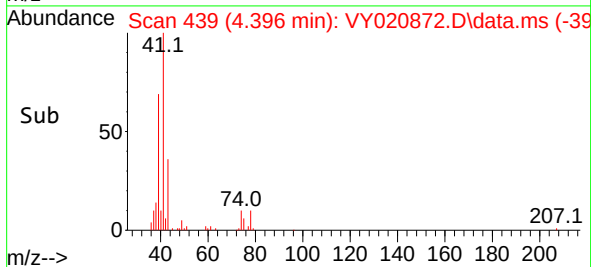
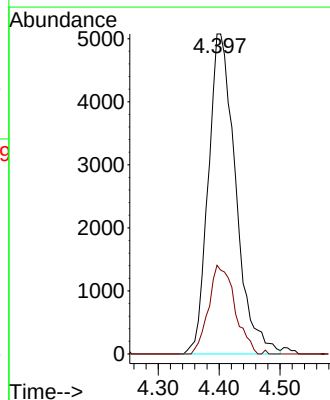
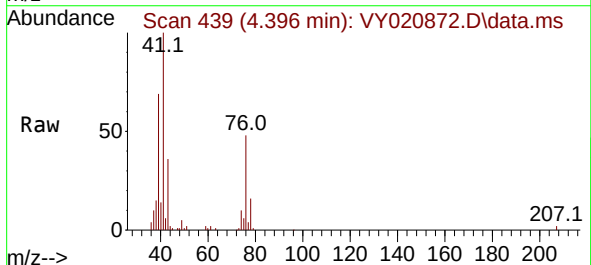
Instrument :
MSVOA_Y
ClientSampleId :

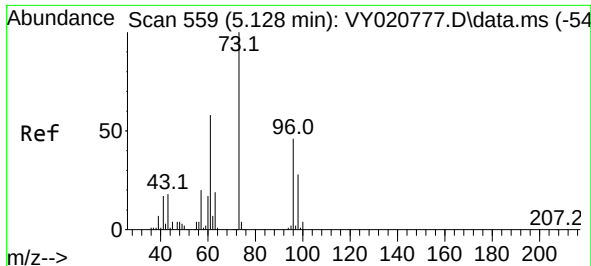
Tgt Ion: 76 Resp: 58408
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 18.772 ug/l
RT: 4.396 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

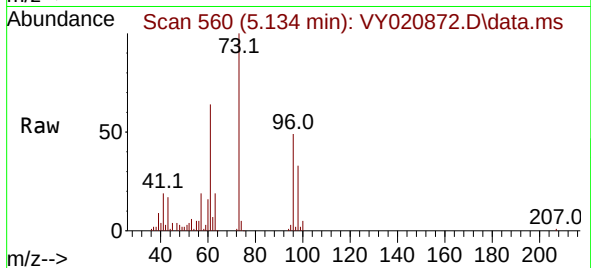
Tgt Ion: 43 Resp: 15787
Ion Ratio Lower Upper
43 100
74 26.6 23.0 34.6



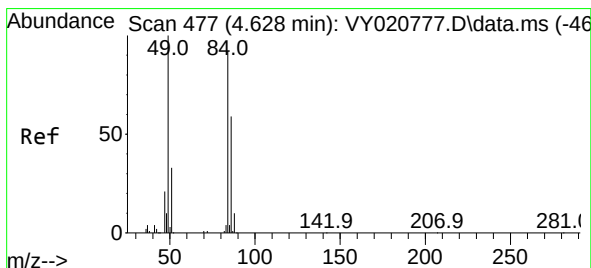
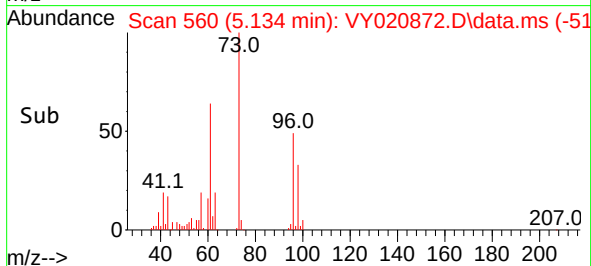
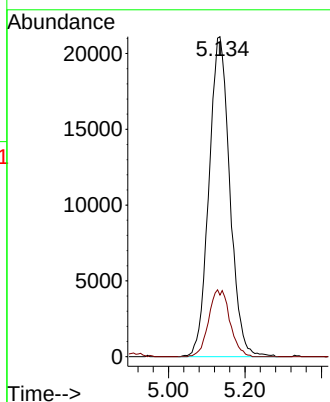


#19
Methyl tert-butyl Ether
Concen: 17.633 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :

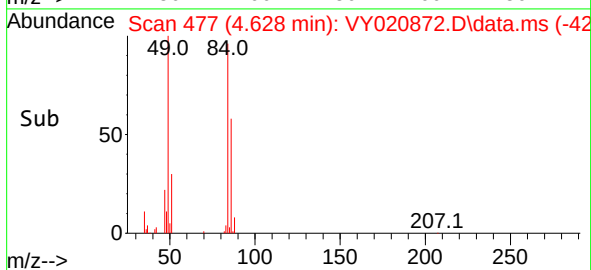
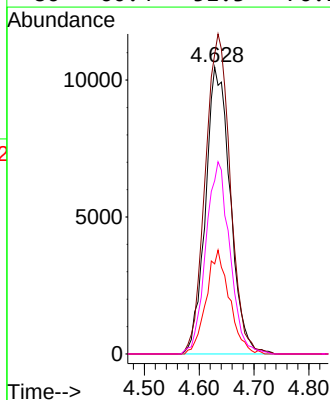
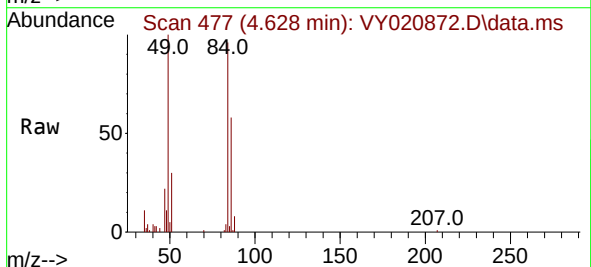


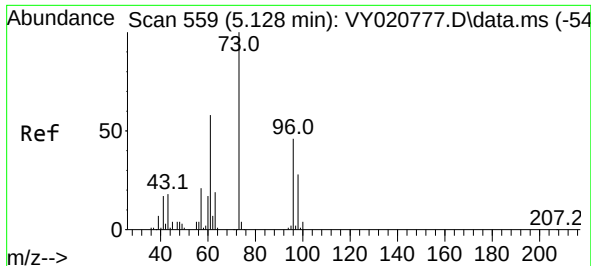
Tgt Ion: 73 Resp: 79970
Ion Ratio Lower Upper
73 100
57 19.2 16.4 24.6



#20
Methylene Chloride
Concen: 19.046 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

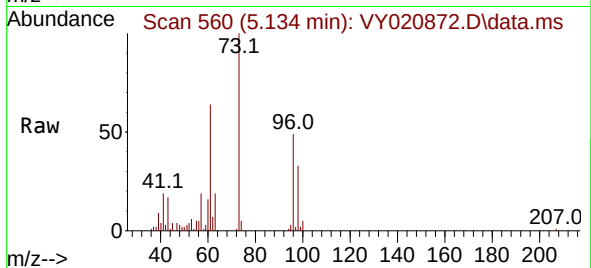
Tgt Ion: 84 Resp: 32762
Ion Ratio Lower Upper
84 100
49 104.4 86.7 130.1
51 31.4 28.4 42.6
86 60.4 51.3 76.9



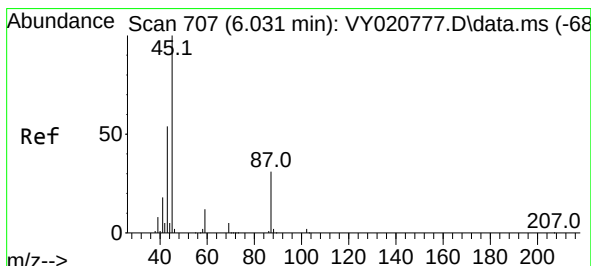
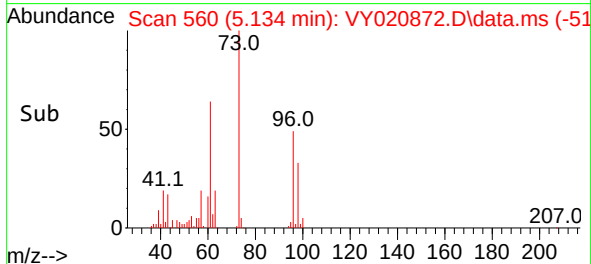
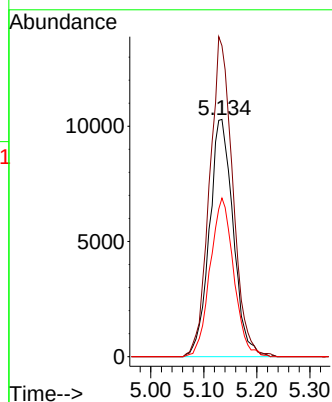


#21
trans-1,2-Dichloroethene
Concen: 18.120 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :

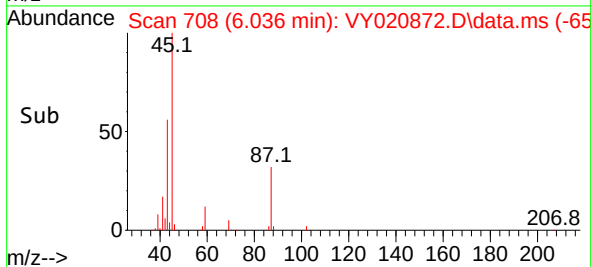
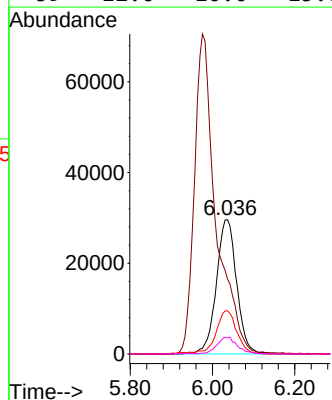
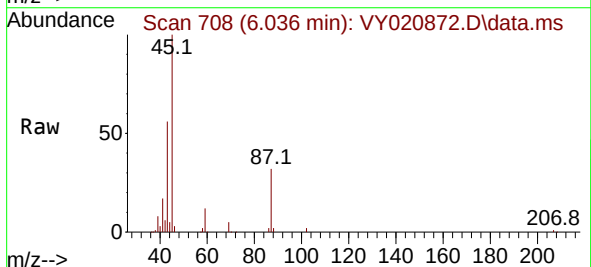


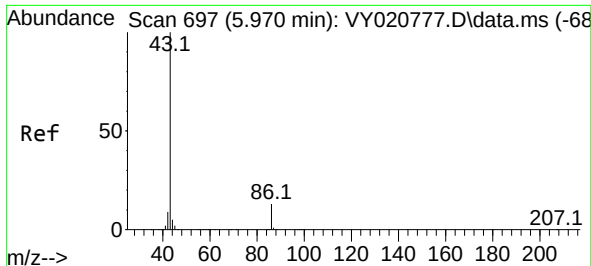
Tgt Ion: 96 Resp: 32067
Ion Ratio Lower Upper
96 100
61 131.0 101.6 152.4
98 66.9 49.4 74.2



#22
Diisopropyl ether
Concen: 20.560 ug/l
RT: 6.036 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 45 Resp: 101543
Ion Ratio Lower Upper
45 100
43 55.0 43.9 65.9
87 32.2 25.3 37.9
59 12.0 10.0 15.0

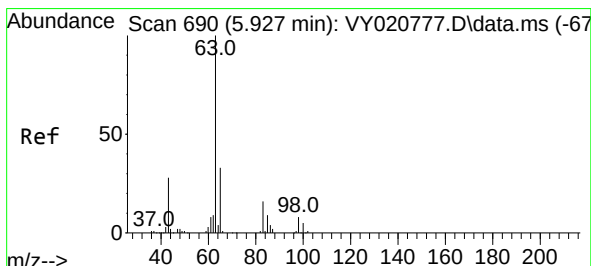
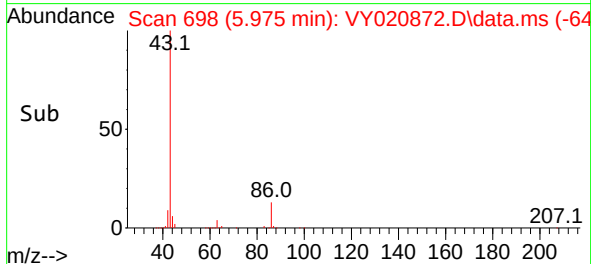
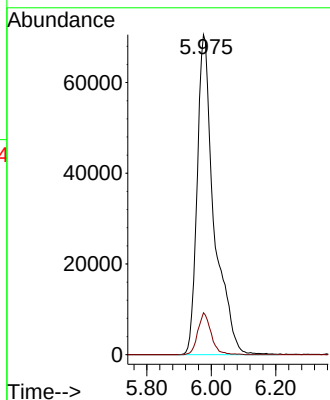
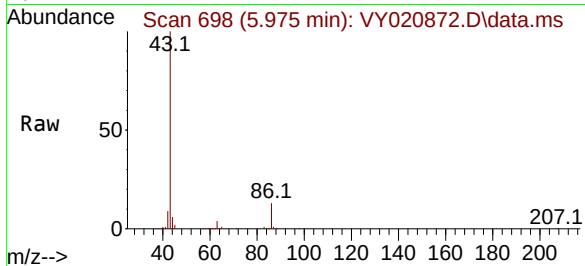




#23
 Vinyl Acetate
 Concen: 94.429 ug/l
 RT: 5.975 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

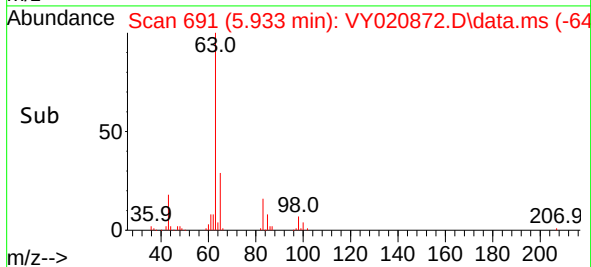
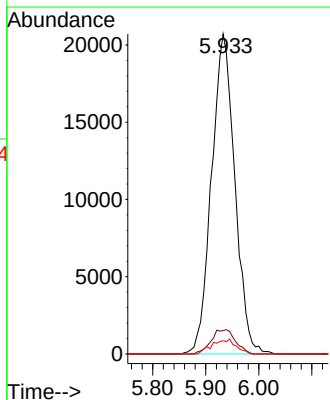
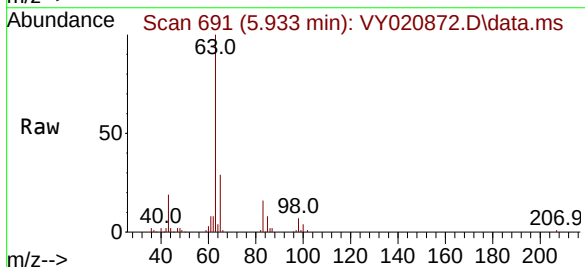
Instrument :
 MSVOA_Y
 ClientSampleId :

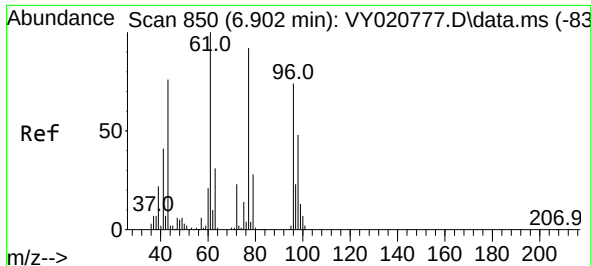
Tgt Ion: 43 Resp: 257145
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 19.376 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

Tgt Ion: 63 Resp: 63137
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.1 2.4 7.2

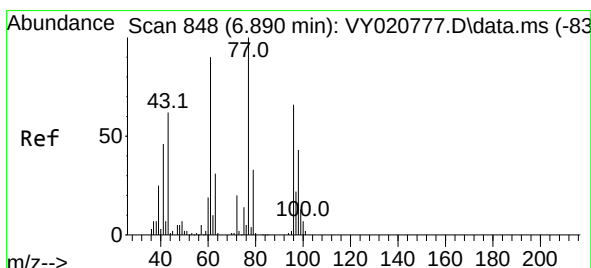
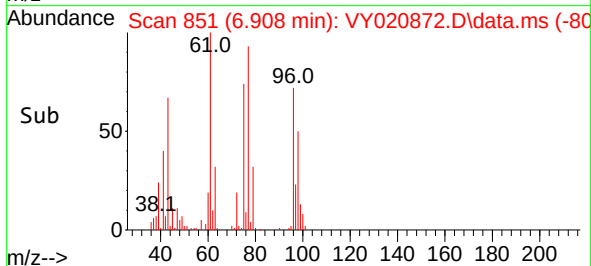
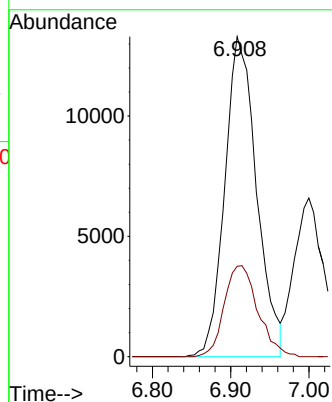
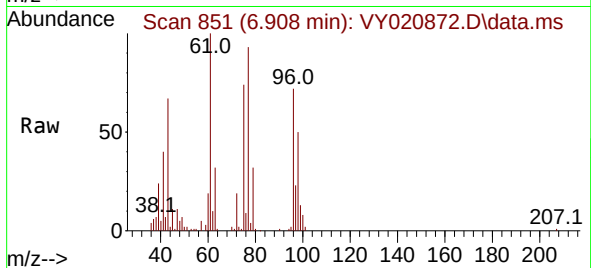




#25
2-Butanone
Concen: 91.688 ug/l
RT: 6.908 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

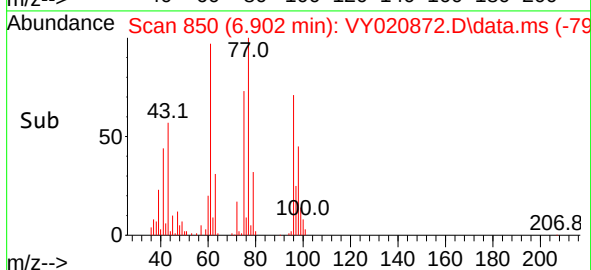
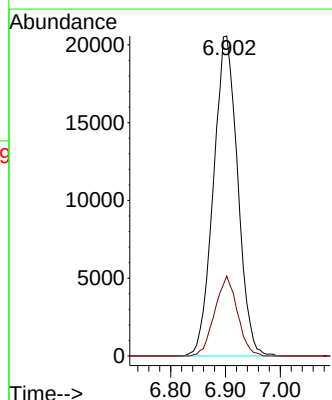
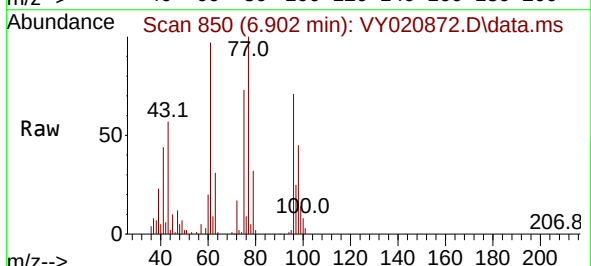
Instrument :
MSVOA_Y
ClientSampleId :

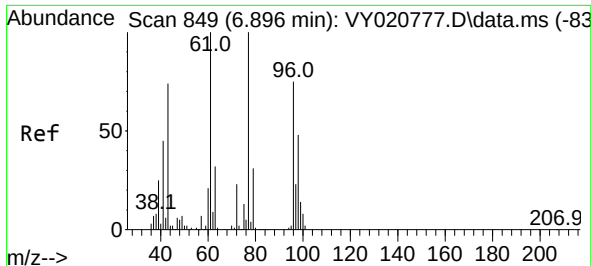
Tgt Ion: 43 Resp: 37514
Ion Ratio Lower Upper
43 100
72 28.2 24.0 36.0



#26
2,2-Dichloropropane
Concen: 18.634 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 77 Resp: 63043
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.505 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

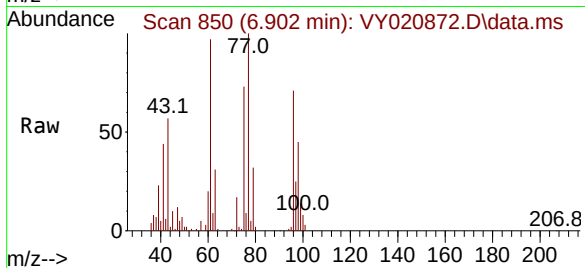
Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :



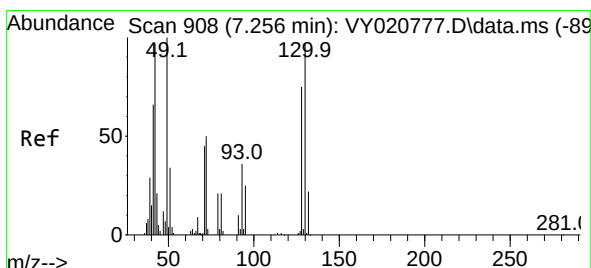
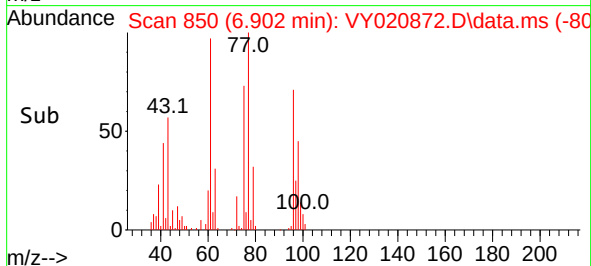
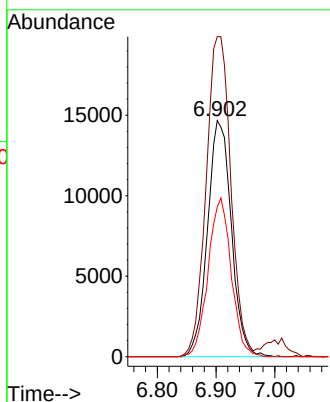
Tgt Ion: 96 Resp: 41318

Ion Ratio Lower Upper

96 100

61 140.8 0.0 271.4

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 16.755 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

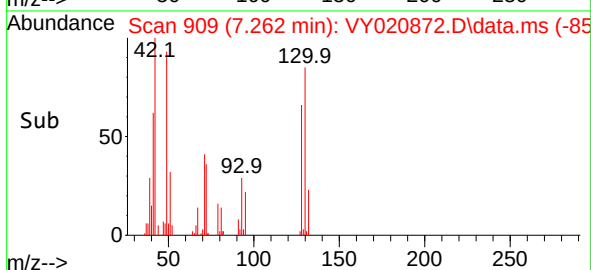
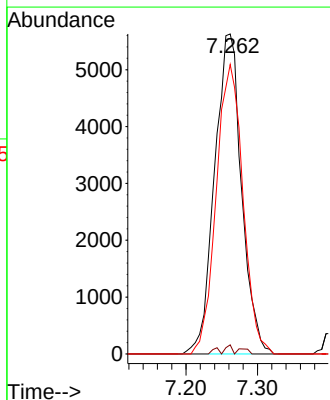
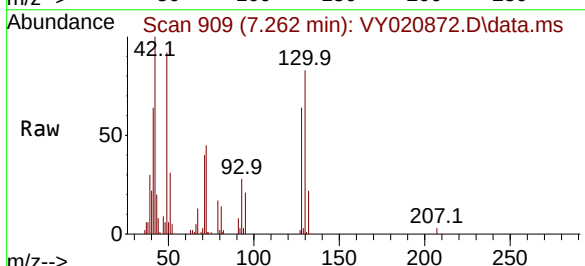
Tgt Ion: 49 Resp: 14732

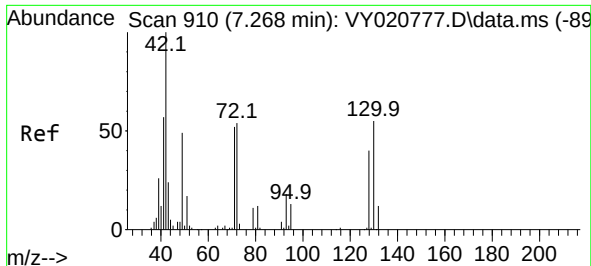
Ion Ratio Lower Upper

49 100

129 0.7 0.0 5.2

130 89.7 77.8 116.6





#29

Tetrahydrofuran

Concen: 93.211 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020872.D

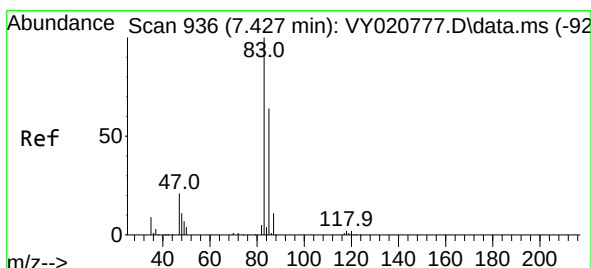
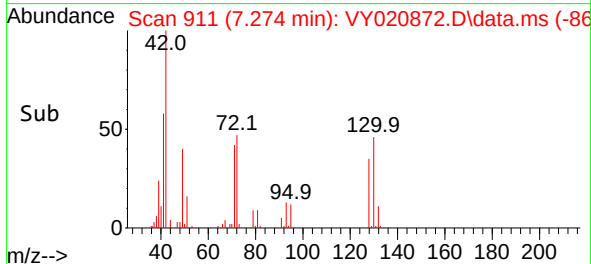
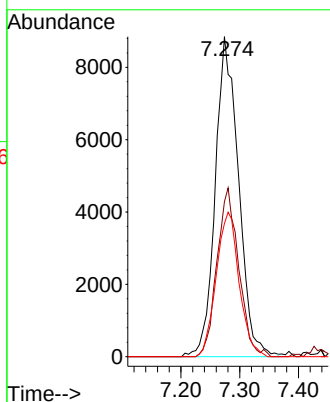
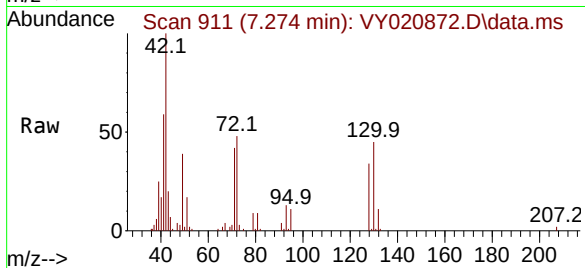
Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	24362
Ion	Ratio	Lower	Upper
42	100		
72	49.2	41.8	62.6
71	44.5	39.8	59.8



#30

Chloroform

Concen: 19.152 ug/l

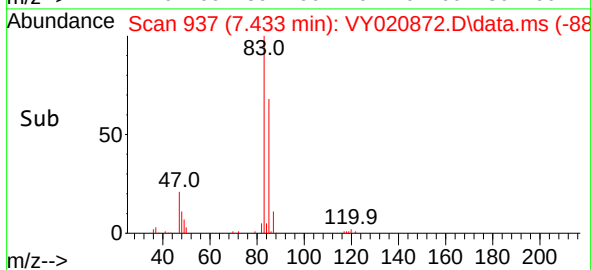
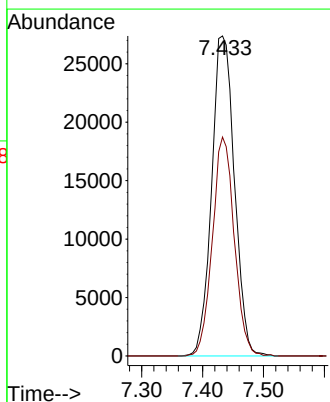
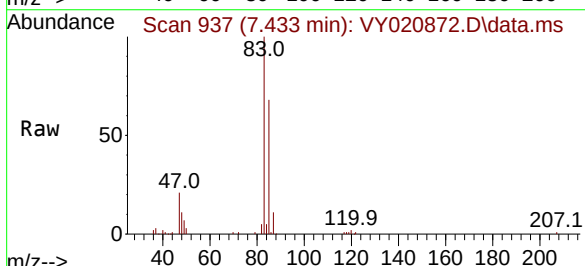
RT: 7.433 min Scan# 937

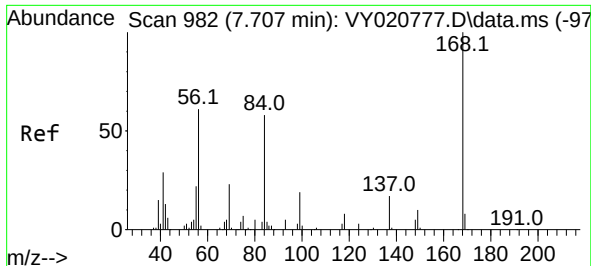
Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Tgt Ion:	83	Resp:	71169
Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.1	76.7

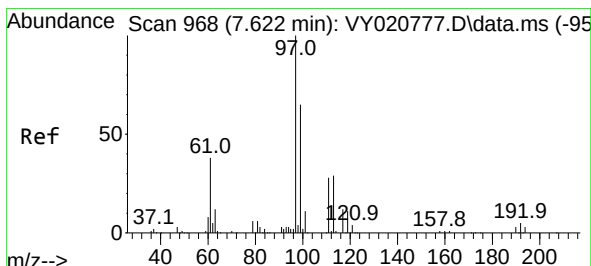
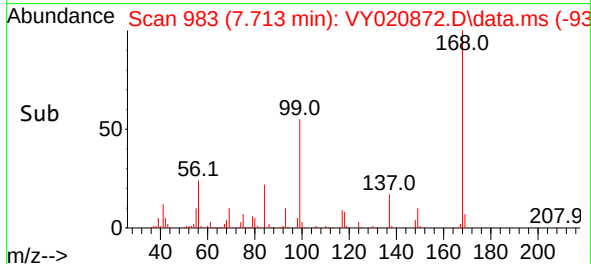
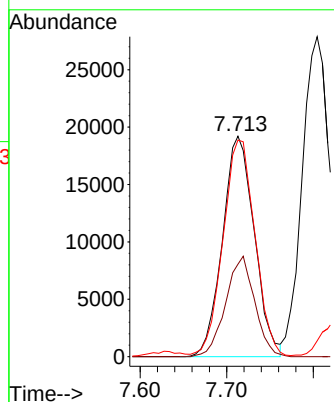
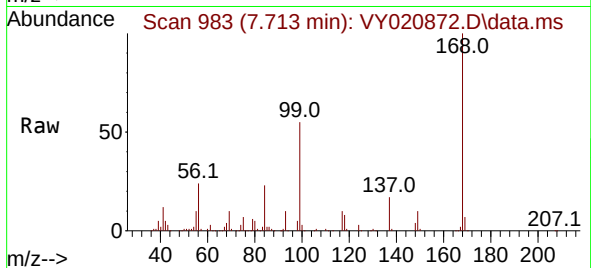




#31
Cyclohexane
Concen: 19.264 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

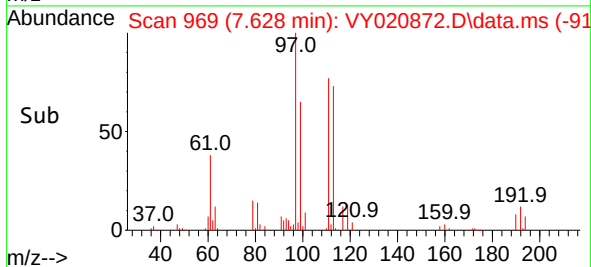
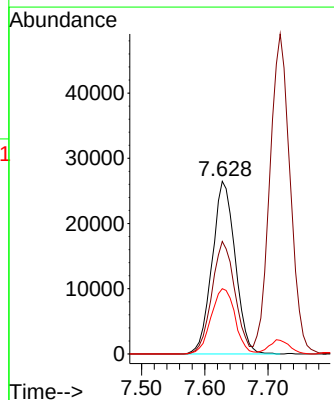
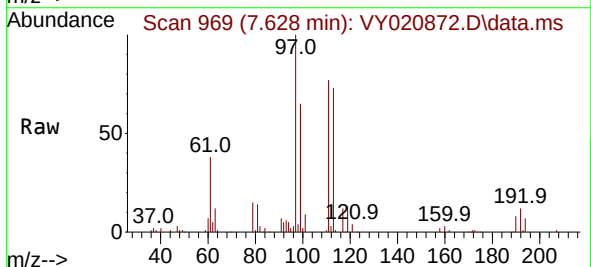
Instrument :
MSVOA_Y
ClientSampleId :

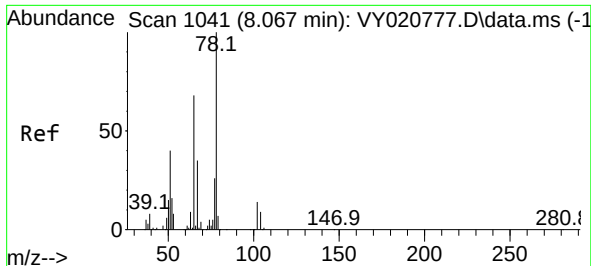
Tgt Ion: 56 Resp: 49098
Ion Ratio Lower Upper
56 100
69 42.0 30.5 45.7
84 96.6 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.452 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 97 Resp: 66883
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 39.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.387 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

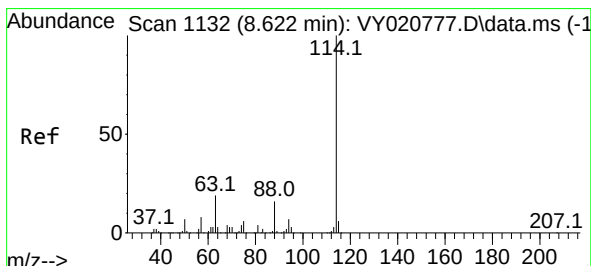
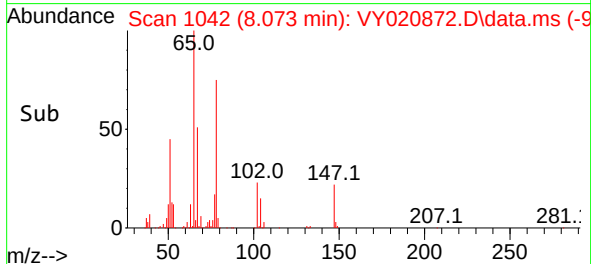
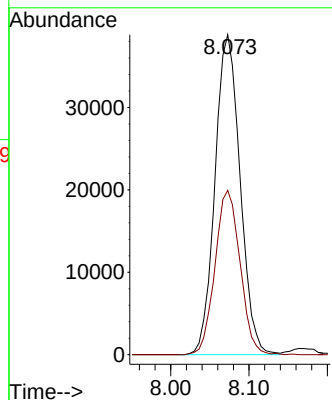
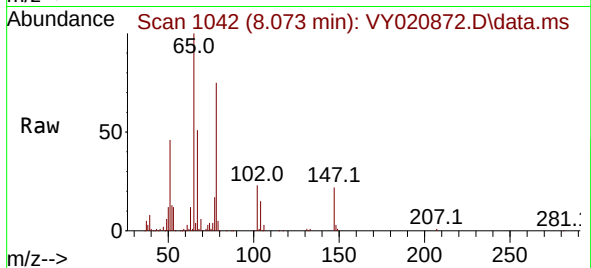
ClientSampleId :

Tgt Ion: 65 Resp: 86504

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

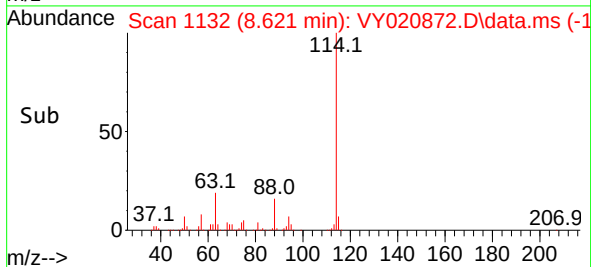
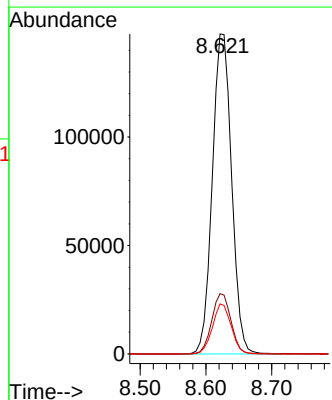
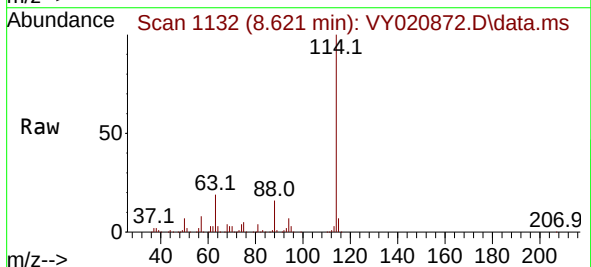
Tgt Ion: 114 Resp: 301119

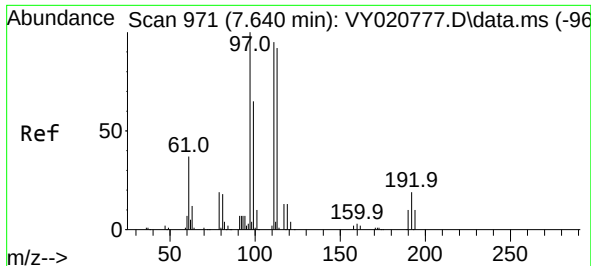
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.980 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

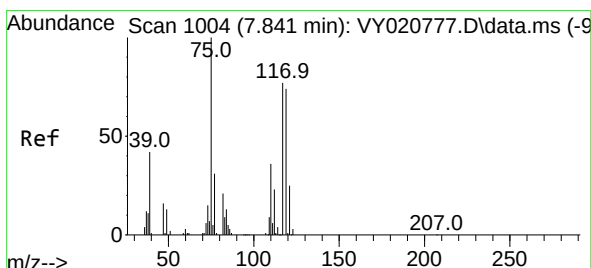
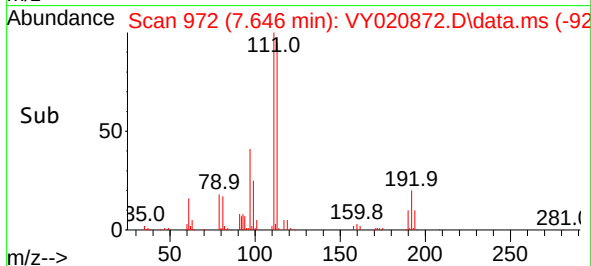
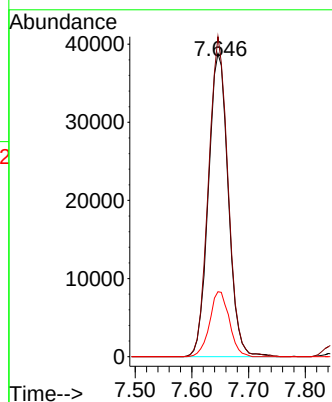
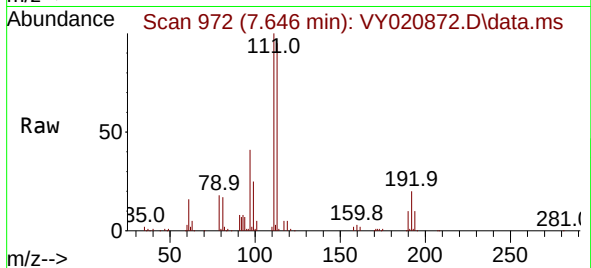
Tgt Ion:113 Resp: 94286

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

192 21.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 19.173 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

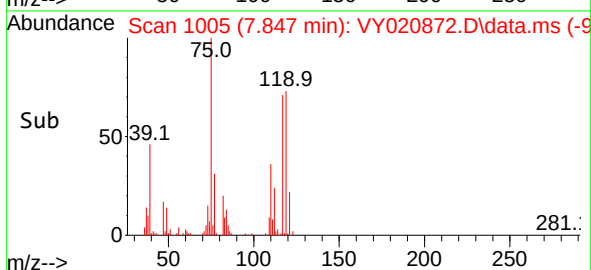
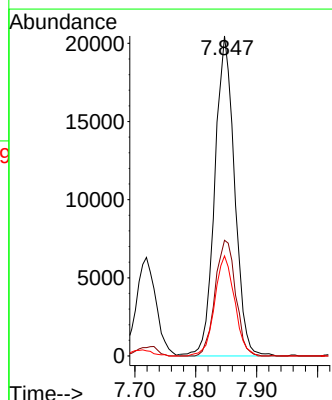
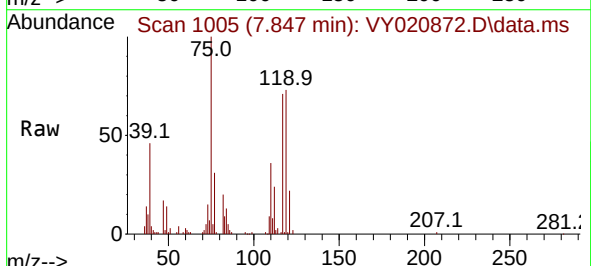
Tgt Ion: 75 Resp: 46134

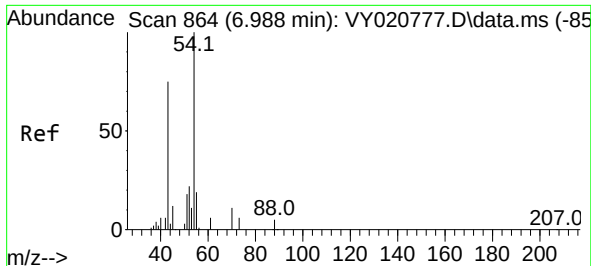
Ion Ratio Lower Upper

75 100

110 37.5 18.5 55.5

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 18.568 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

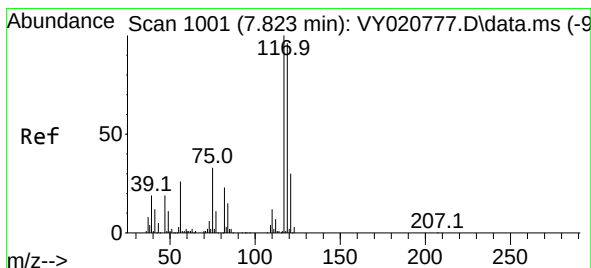
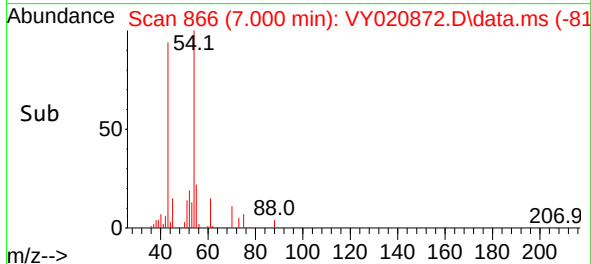
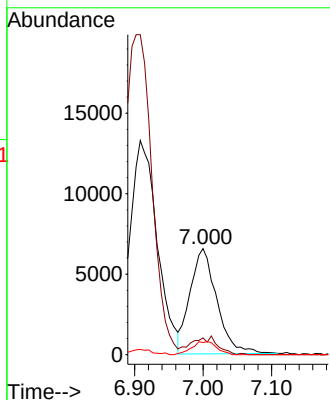
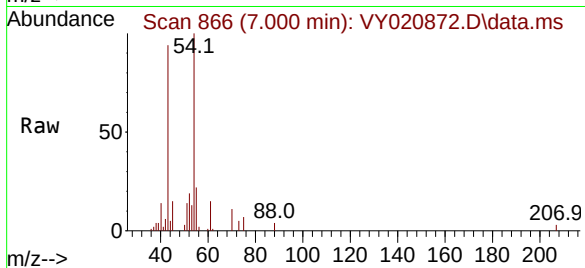
Tgt Ion: 43 Resp: 17780

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.6

70 11.5 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.462 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

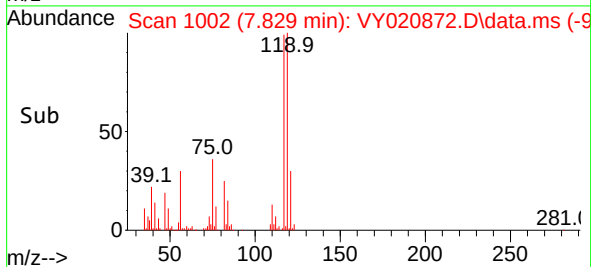
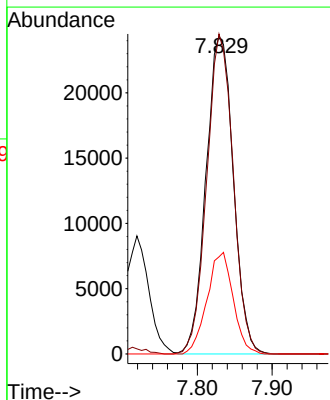
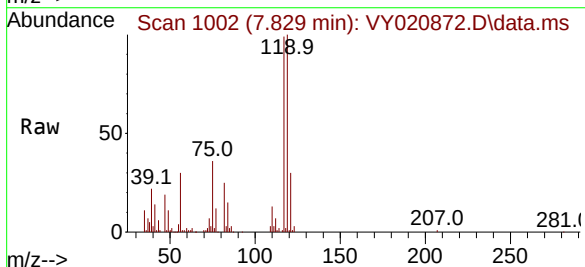
Tgt Ion: 117 Resp: 61836

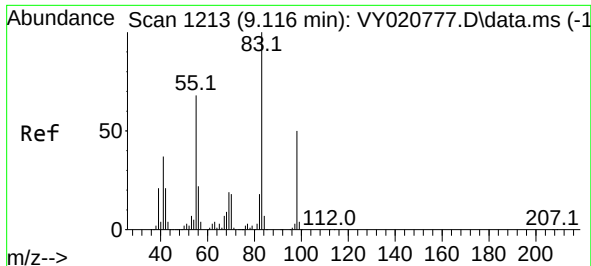
Ion Ratio Lower Upper

117 100

119 100.6 76.5 114.7

121 30.5 24.3 36.5

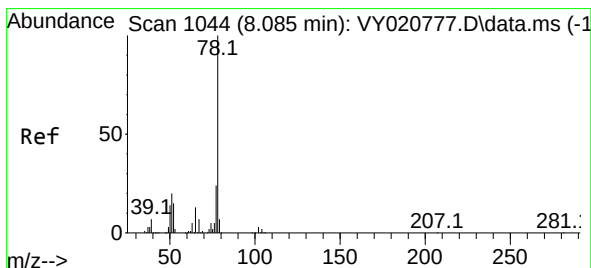
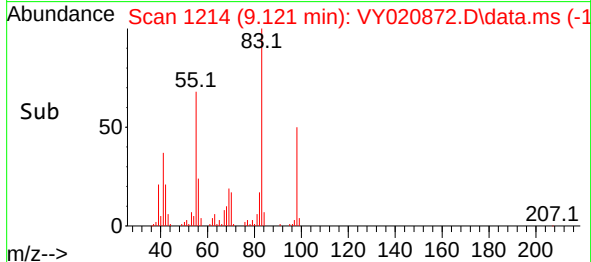
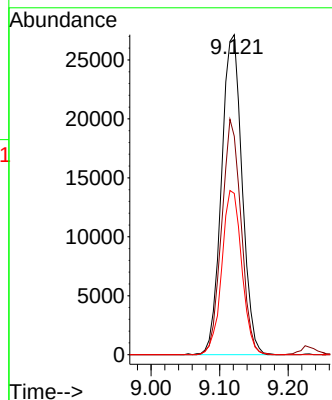
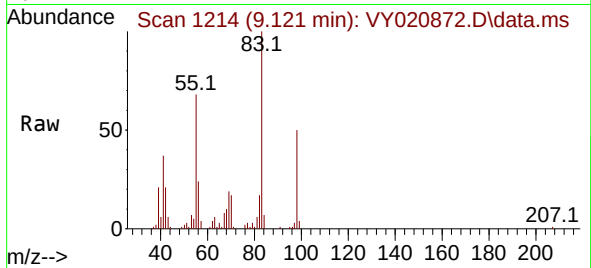




#39
Methylcyclohexane
Concen: 19.120 ug/l
RT: 9.121 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

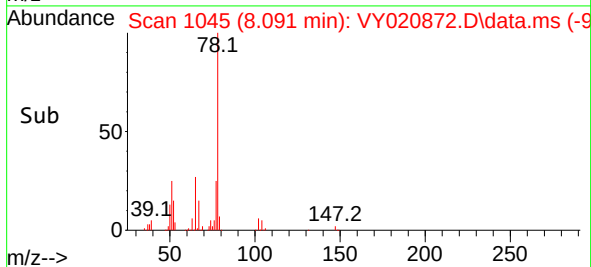
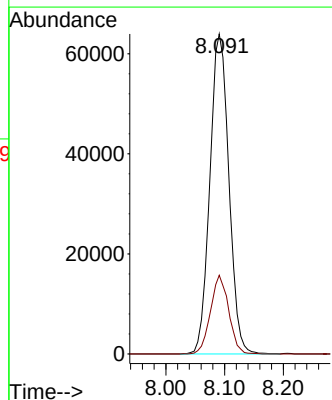
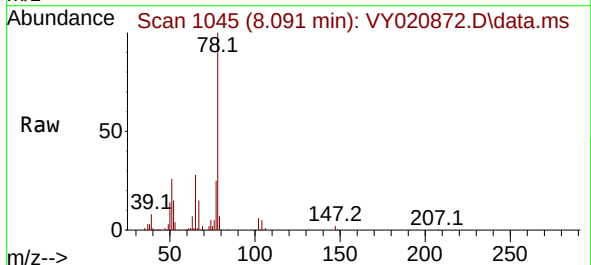
Instrument :
MSVOA_Y
ClientSampleId :

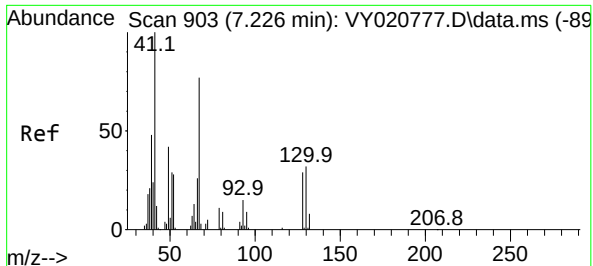
Tgt Ion: 83 Resp: 56457
Ion Ratio Lower Upper
83 100
55 68.2 54.8 82.2
98 50.4 40.0 60.0



#40
Benzene
Concen: 19.458 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 78 Resp: 143697
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2

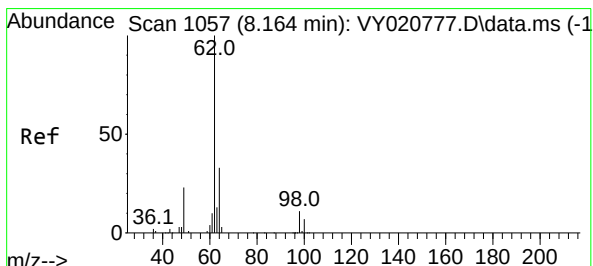
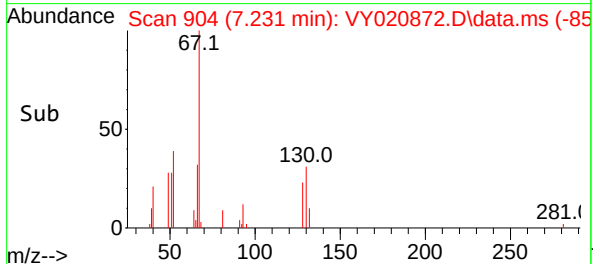
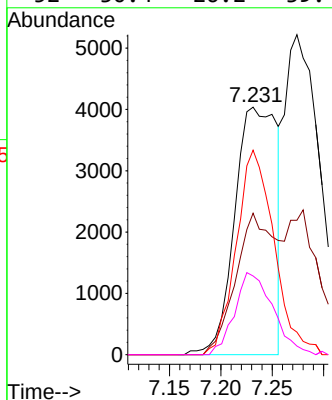
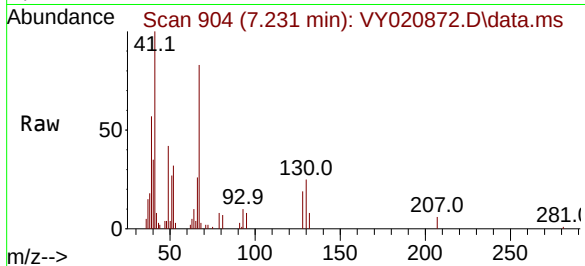




#41
Methacrylonitrile
Concen: 20.958 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

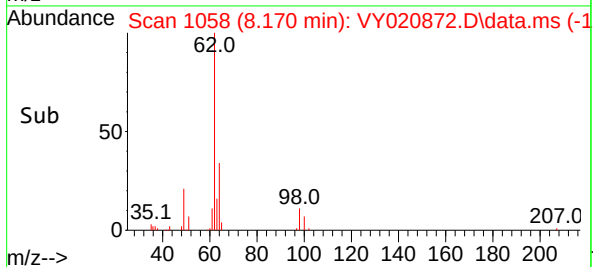
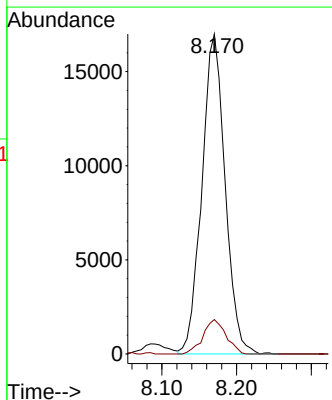
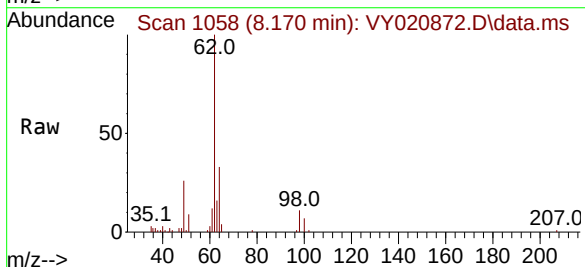
Instrument :
MSVOA_Y
ClientSampleId :

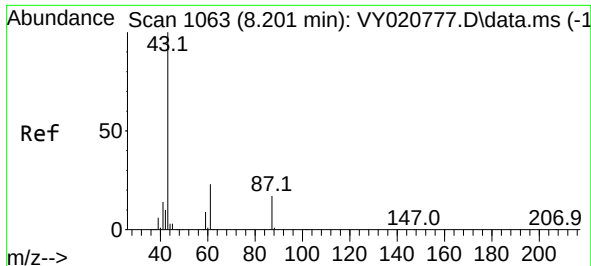
Tgt Ion:	41	Resp:	11493
Ion	Ratio	Lower	Upper
41	100		
39	58.6	42.4	63.6
67	74.4	67.8	101.8
52	30.4	26.2	39.4



#42
1,2-Dichloroethane
Concen: 18.199 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

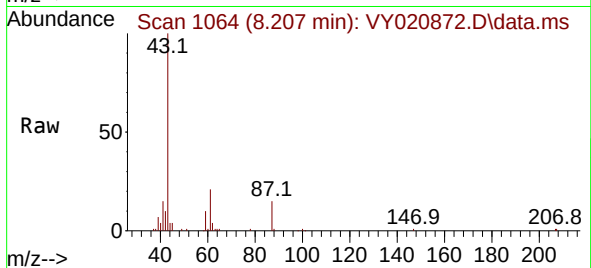
Tgt Ion:	62	Resp:	36703
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.6



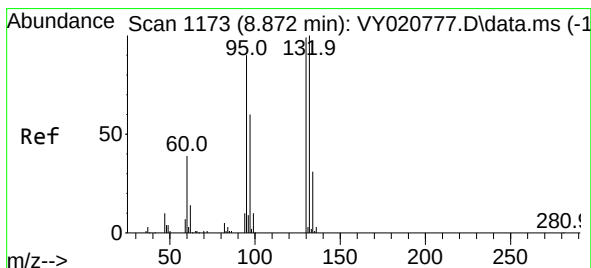
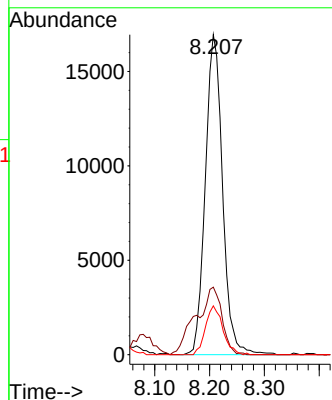
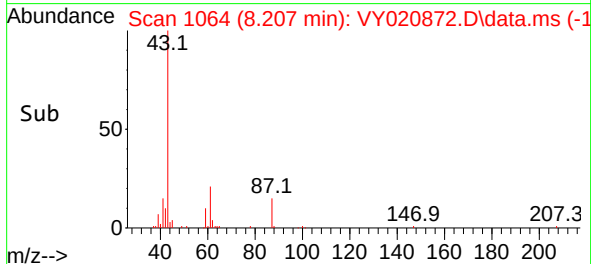


#43
Isopropyl Acetate
Concen: 18.966 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

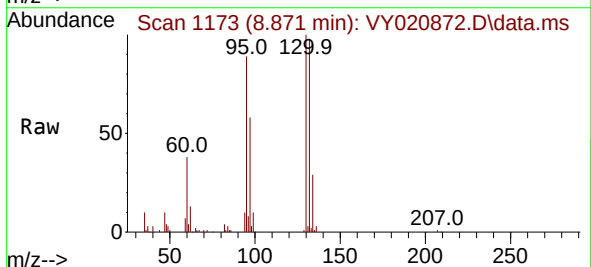
Instrument :
MSVOA_Y
ClientSampleId :



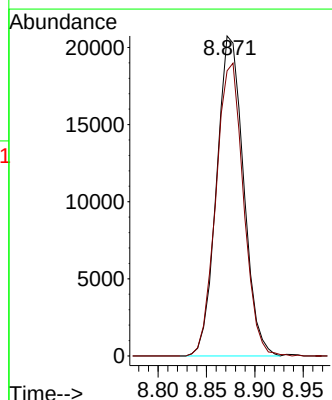
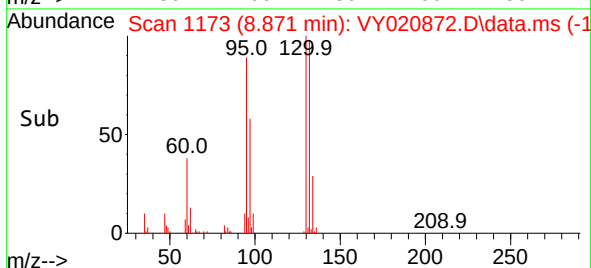
Tgt Ion: 43 Resp: 36939
Ion Ratio Lower Upper
43 100
61 31.8 26.5 39.7
87 15.3 13.4 20.0

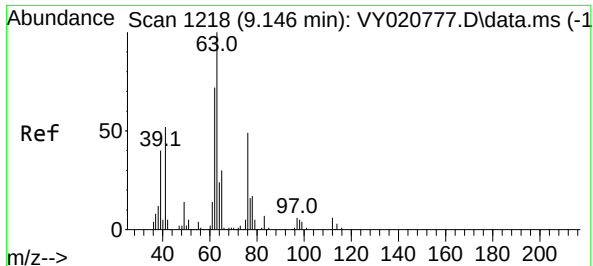


#44
Trichloroethene
Concen: 19.514 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06



Tgt Ion: 130 Resp: 40174
Ion Ratio Lower Upper
130 100
95 89.1 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.537 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

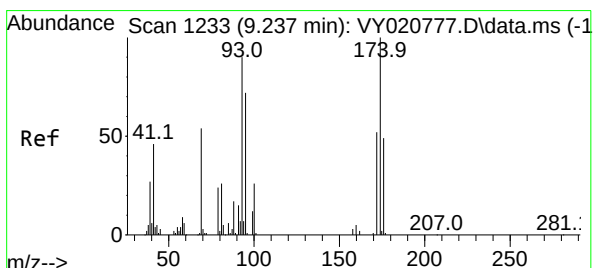
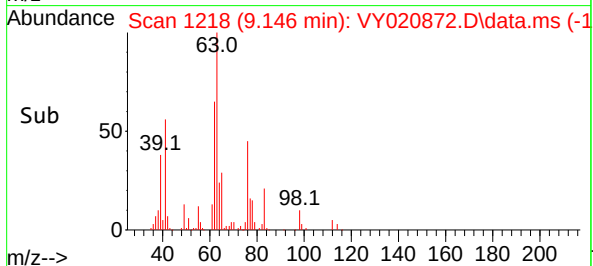
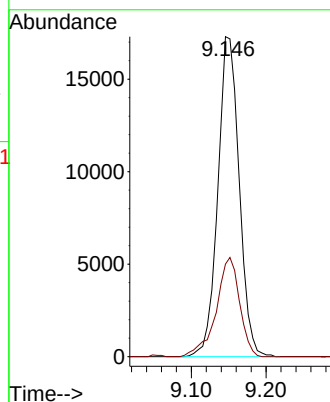
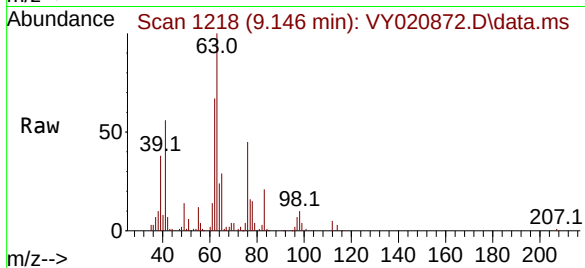
ClientSampleId :

Tgt Ion: 63 Resp: 34383

Ion Ratio Lower Upper

63 100

65 29.0 24.2 36.4



#46

Dibromomethane

Concen: 19.164 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

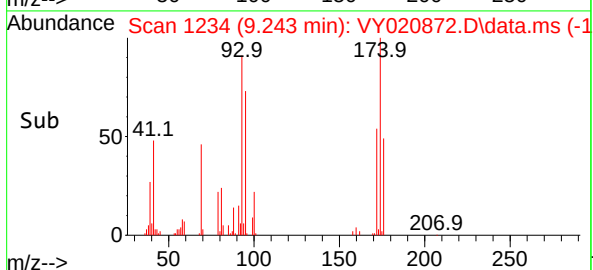
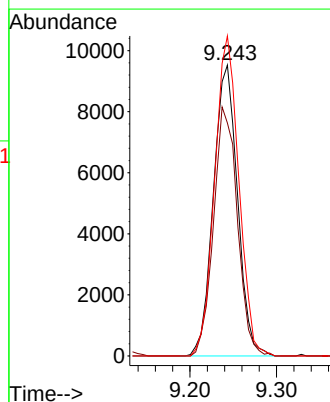
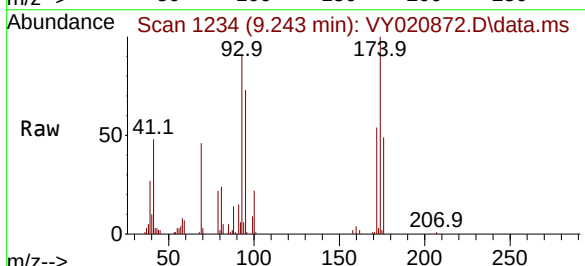
Tgt Ion: 93 Resp: 18424

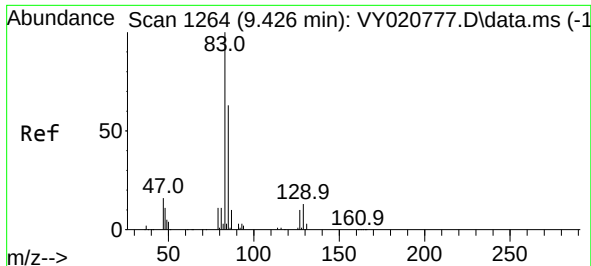
Ion Ratio Lower Upper

93 100

95 84.7 68.2 102.4

174 110.5 89.0 133.6

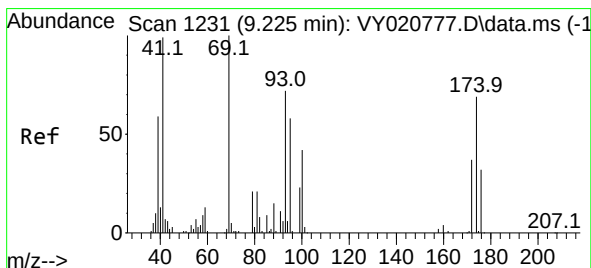
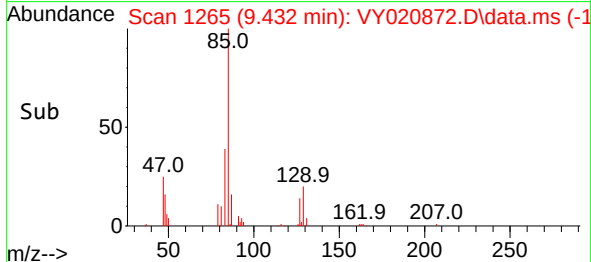
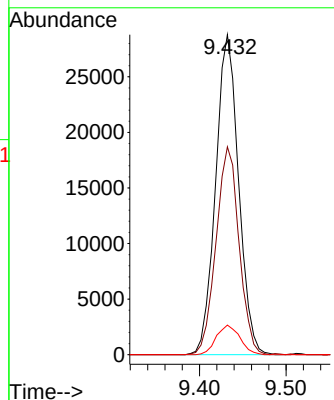
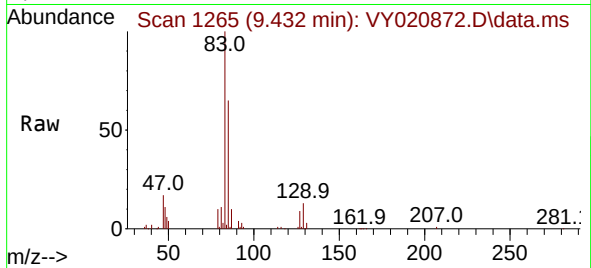




#47
Bromodichloromethane
Concen: 19.246 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

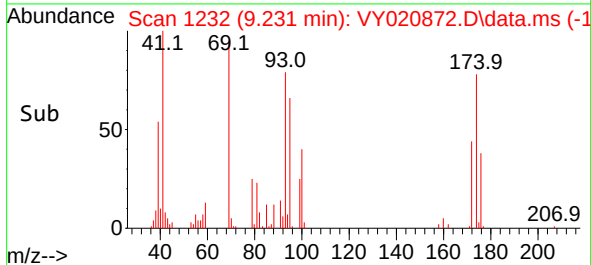
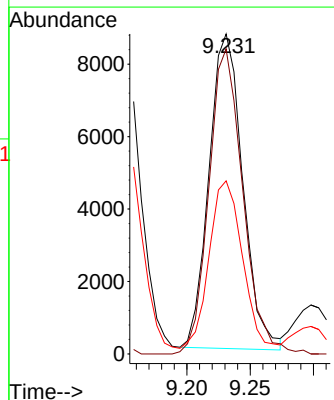
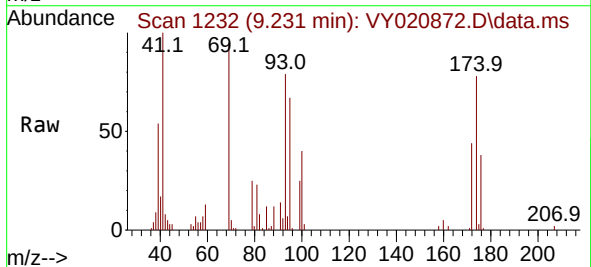
Instrument :
MSVOA_Y
ClientSampleId :

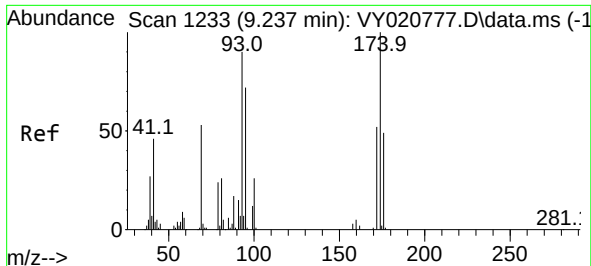
Tgt Ion: 83 Resp: 52990
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1
127 9.2 7.9 11.9



#48
Methyl methacrylate
Concen: 18.445 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 41 Resp: 16105
Ion Ratio Lower Upper
41 100
69 97.8 78.9 118.3
39 56.6 44.6 67.0





#49

1,4-Dioxane

Concen: 360.428 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

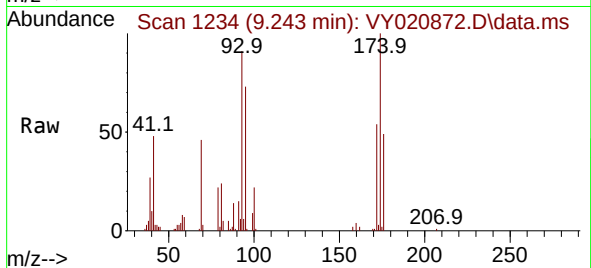
Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :



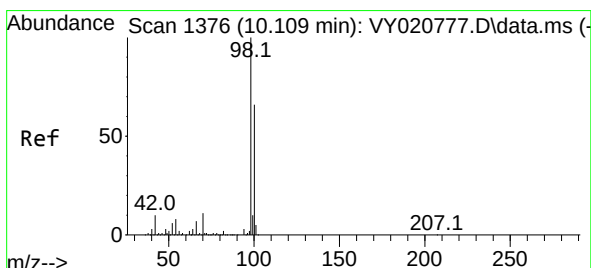
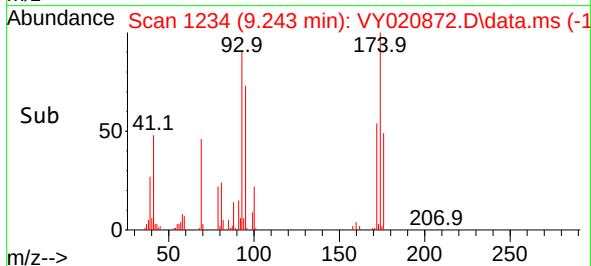
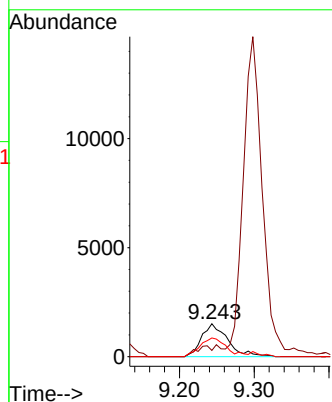
Tgt Ion: 88 Resp: 3679

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 57.9 51.0 76.6



#50

Toluene-d8

Concen: 54.922 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020872.D

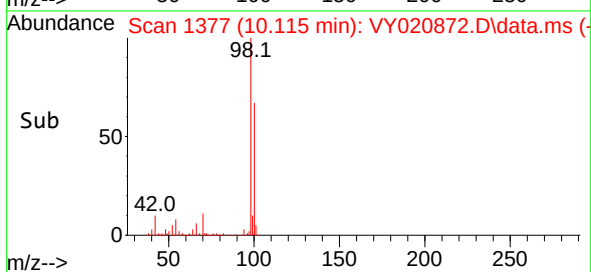
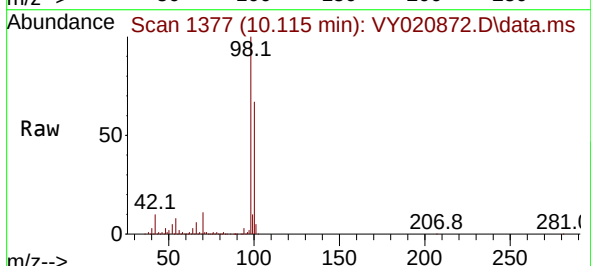
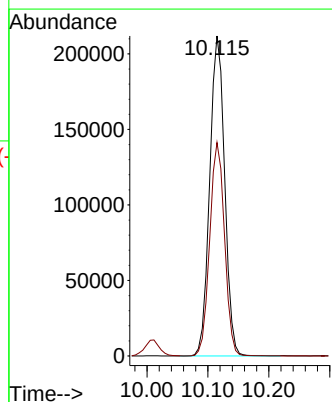
Acq: 20 Jan 2025 11:06

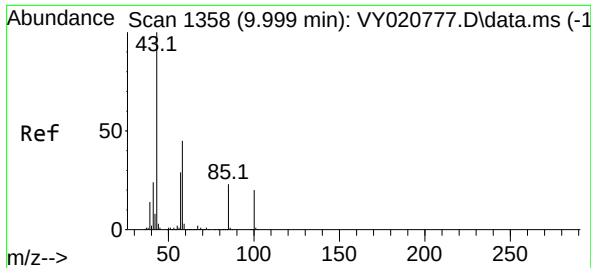
Tgt Ion: 98 Resp: 361187

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

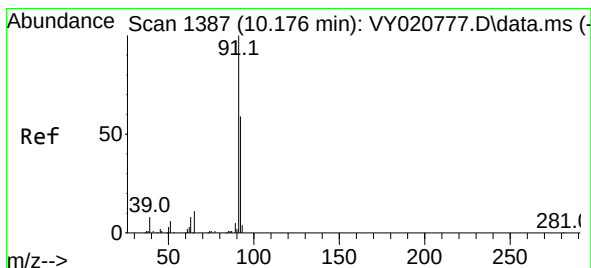
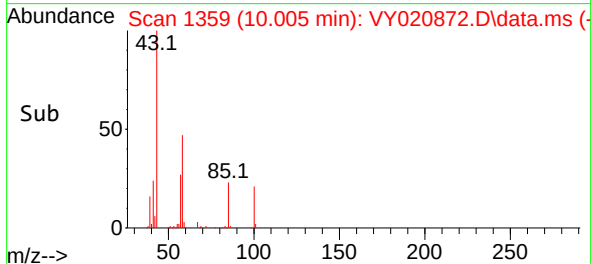
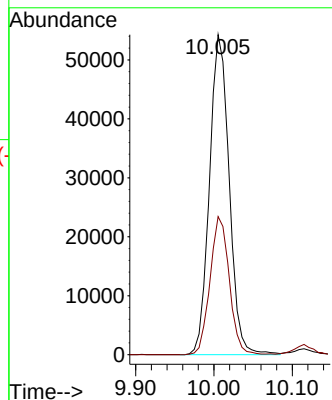
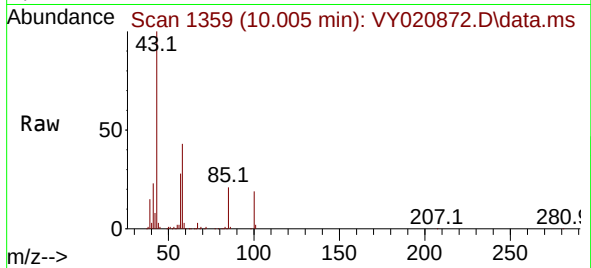




#51
4-Methyl-2-Pentanone
Concen: 97.472 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

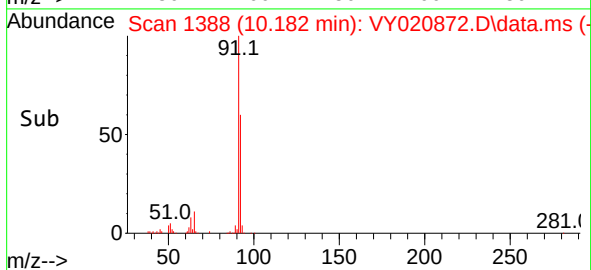
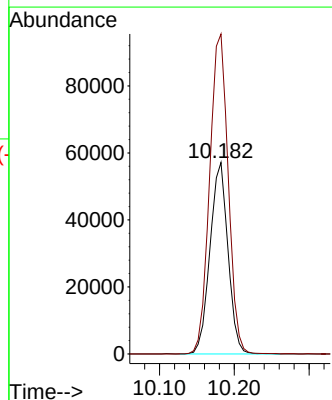
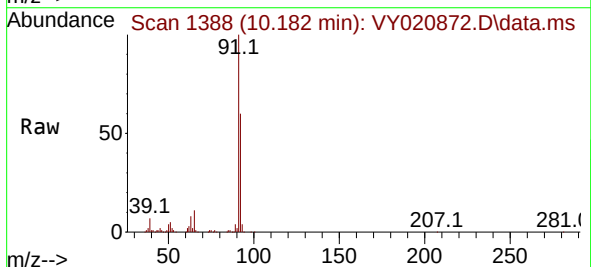
Instrument :
MSVOA_Y
ClientSampleId :

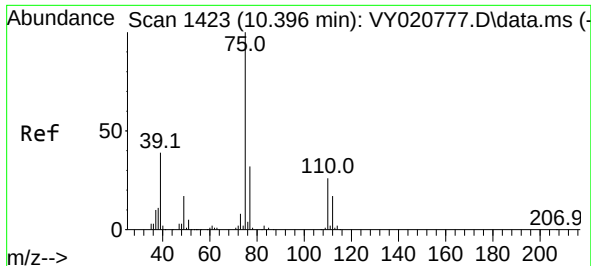
Tgt Ion: 43 Resp: 94841
Ion Ratio Lower Upper
43 100
58 42.1 34.8 52.2



#52
Toluene
Concen: 19.490 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 92 Resp: 95310
Ion Ratio Lower Upper
92 100
91 172.8 136.6 204.8

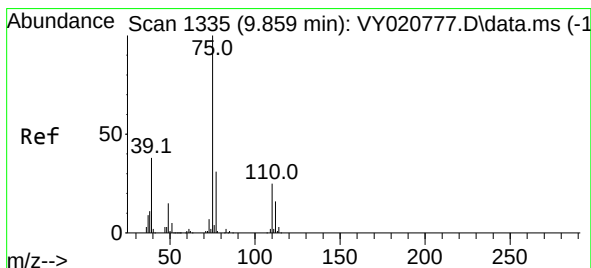
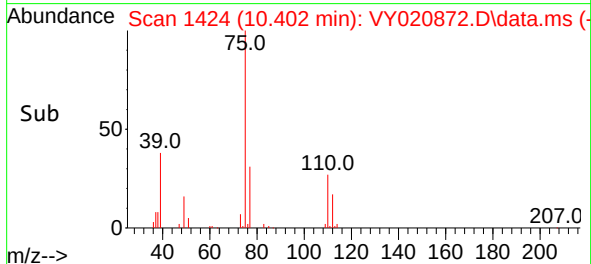
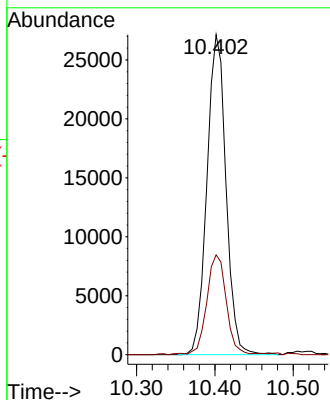
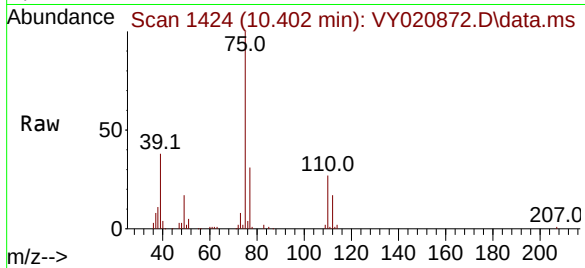




#53
 t-1,3-Dichloropropene
 Concen: 18.682 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

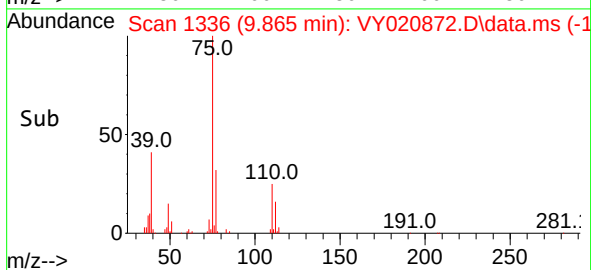
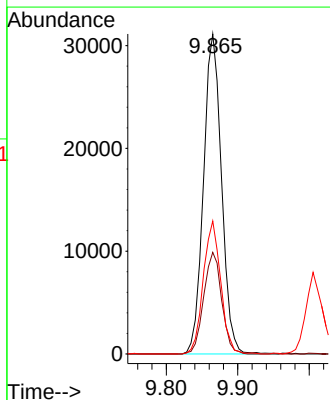
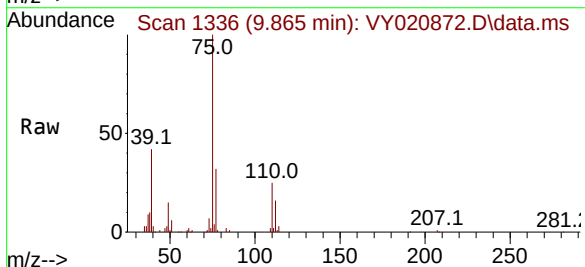
Instrument :
 MSVOA_Y
 ClientSampleId :

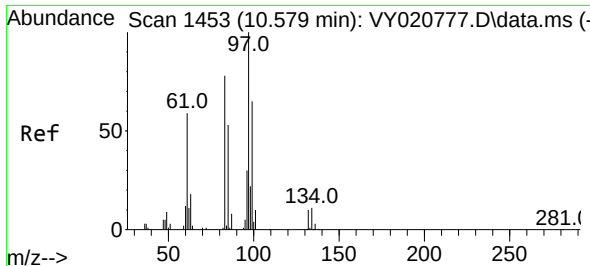
Tgt Ion: 75 Resp: 45750
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.159 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

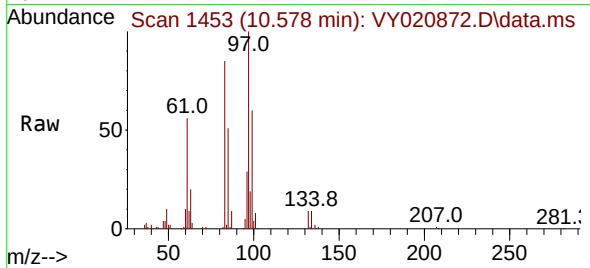
Tgt Ion: 75 Resp: 54488
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 41.6 30.7 46.1



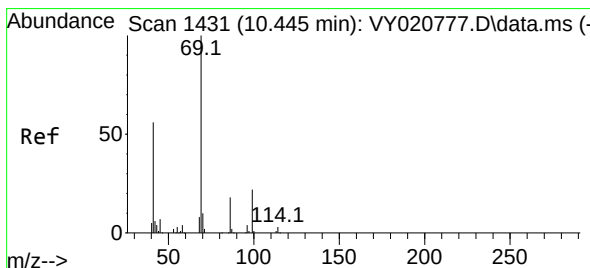
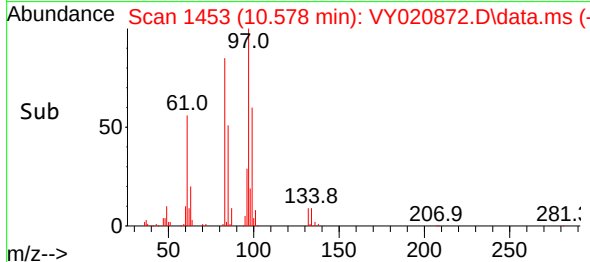
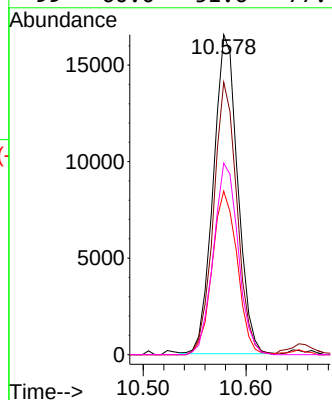


#55
1,1,2-Trichloroethane
Concen: 19.829 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :

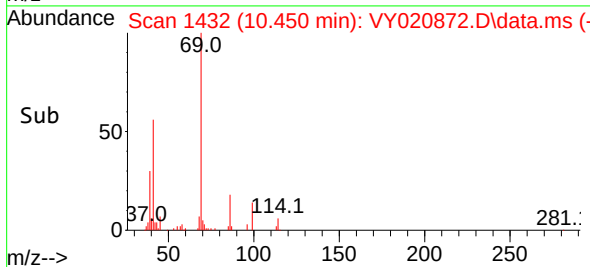
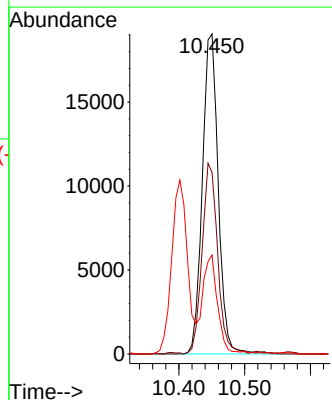
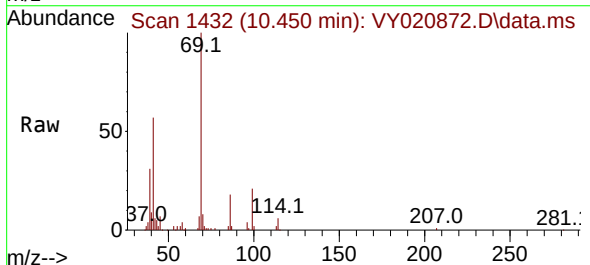


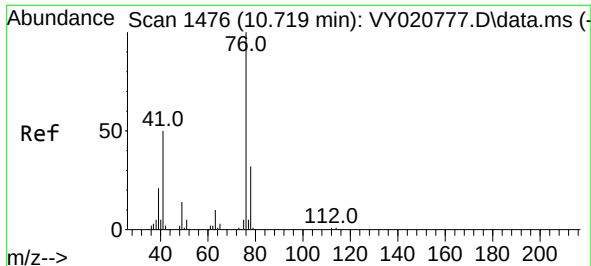
Tgt Ion: 97	Resp: 27234
Ion Ratio	Lower Upper
97 100	
83 85.4	62.8 94.2
85 51.3	42.4 63.6
99 60.0	51.6 77.4



#56
Ethyl methacrylate
Concen: 18.475 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 69	Resp: 32046
Ion Ratio	Lower Upper
69 100	
41 58.4	46.6 69.8
39 29.4	25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.704 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

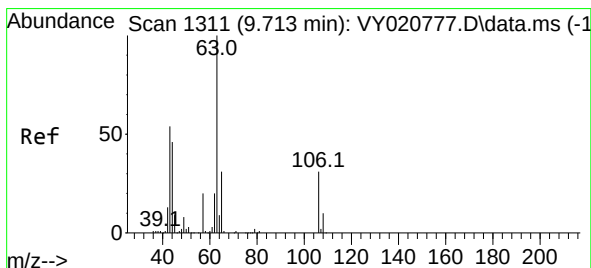
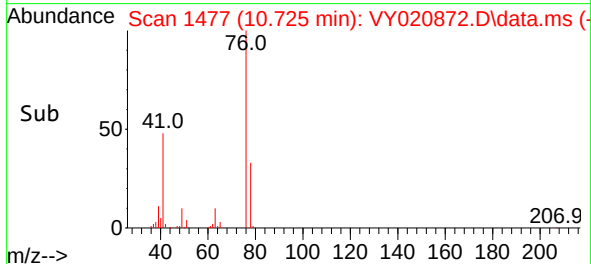
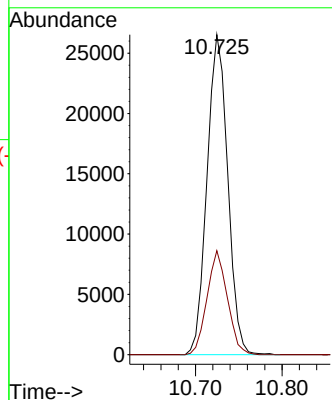
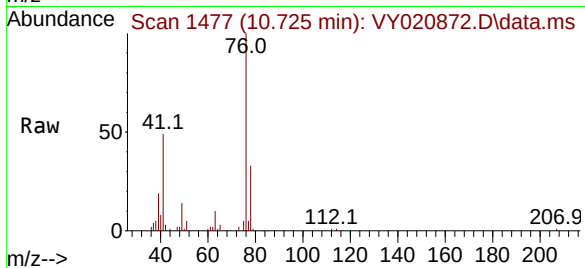
ClientSampleId :

Tgt Ion: 76 Resp: 44113

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 85.092 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020872.D

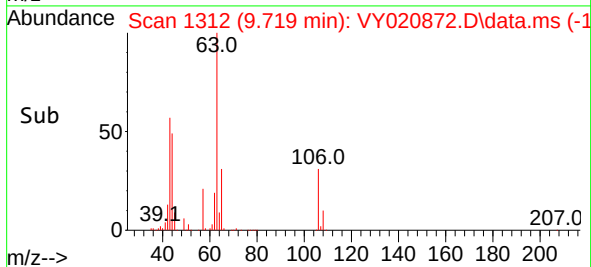
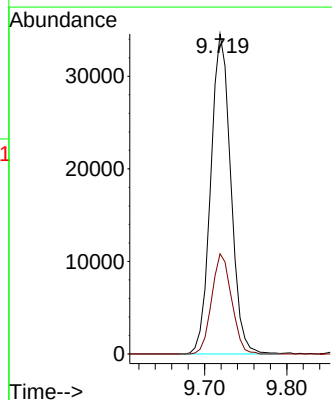
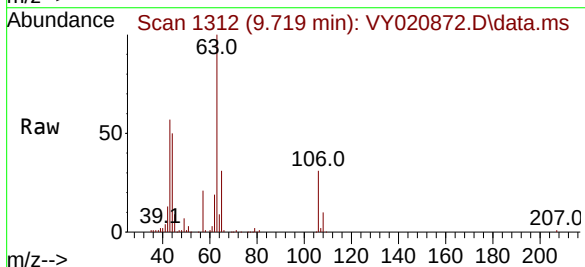
Acq: 20 Jan 2025 11:06

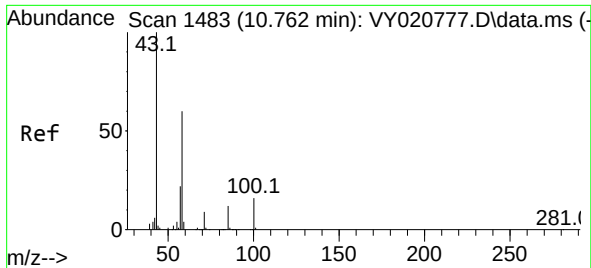
Tgt Ion: 63 Resp: 58553

Ion Ratio Lower Upper

63 100

106 31.0 25.9 38.9

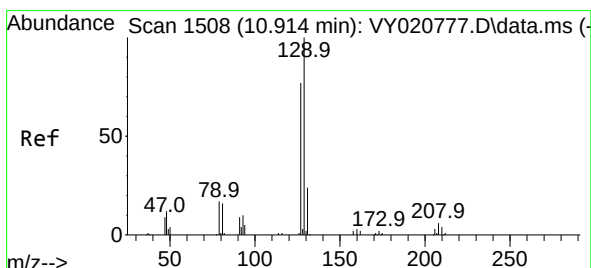
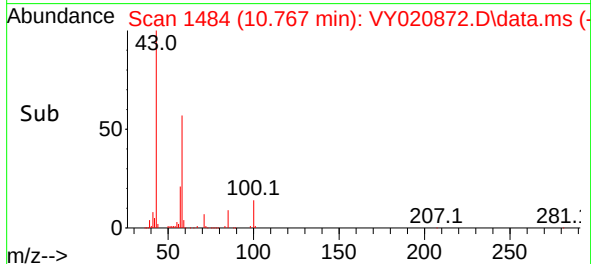
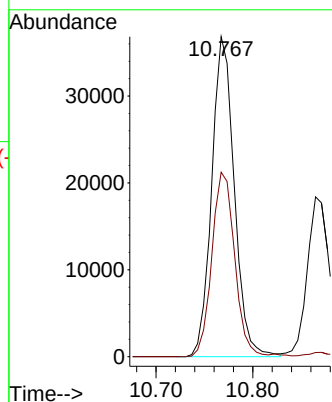
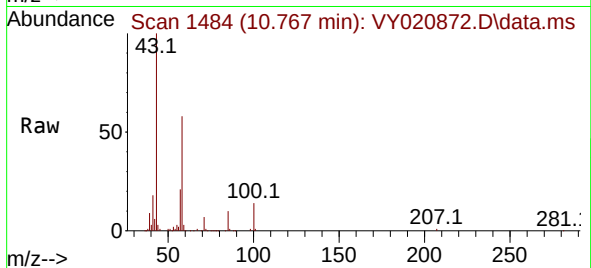




#59
2-Hexanone
Concen: 95.401 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

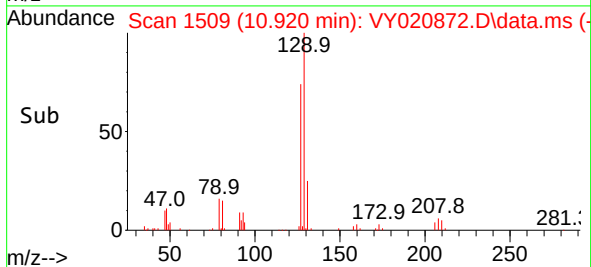
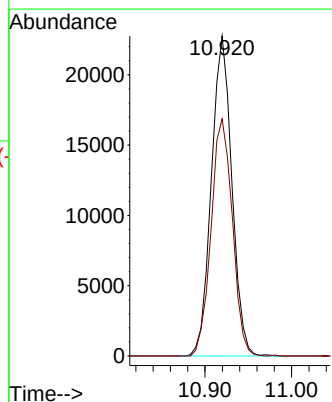
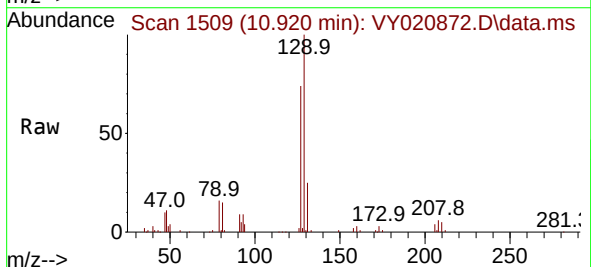
Instrument :
MSVOA_Y
ClientSampleId :

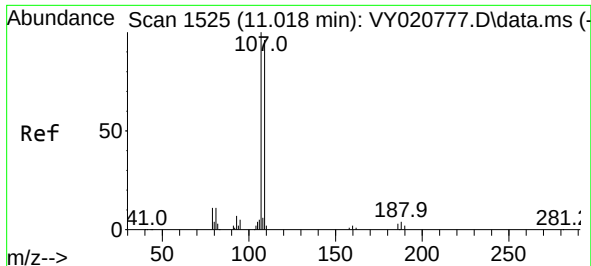
Tgt Ion: 43 Resp: 59552
Ion Ratio Lower Upper
43 100
58 58.2 30.6 92.0



#60
Dibromochloromethane
Concen: 18.762 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 129 Resp: 37373
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9

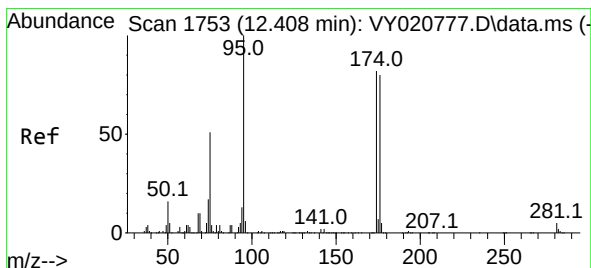
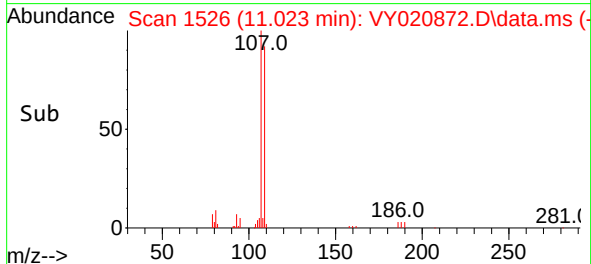
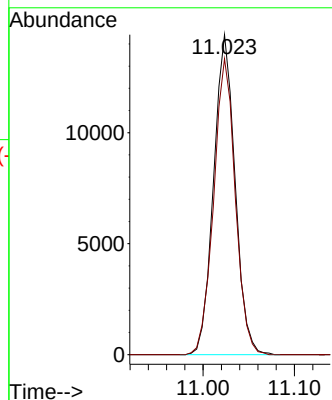
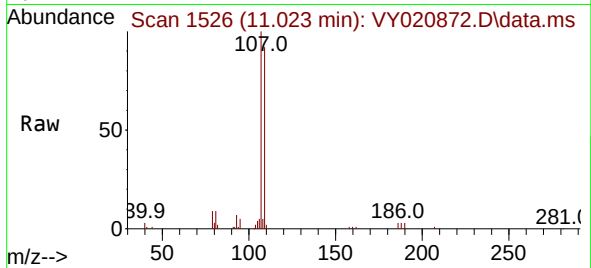




#61
1,2-Dibromoethane
Concen: 19.057 ug/l
RT: 11.023 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

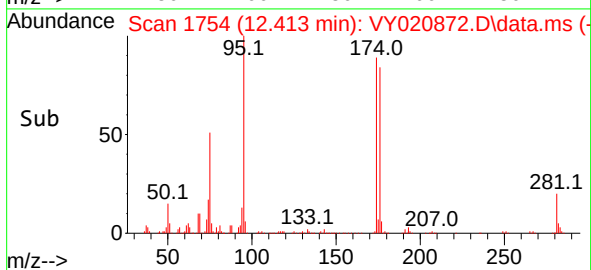
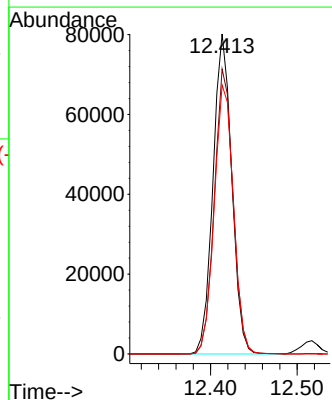
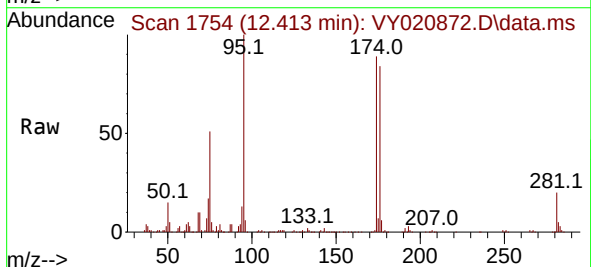
Instrument :
MSVOA_Y
ClientSampleId :

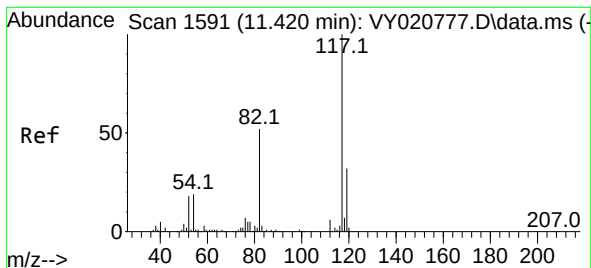
Tgt Ion:107 Resp: 23498
Ion Ratio Lower Upper
107 100
109 93.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.627 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 95 Resp: 120519
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.0
176 86.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

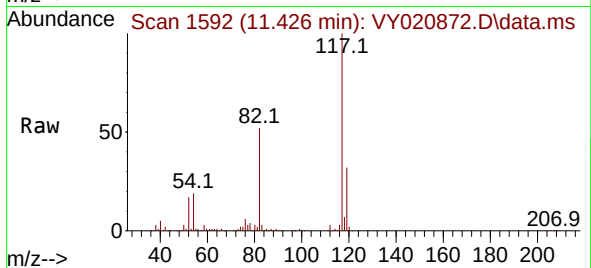
Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :



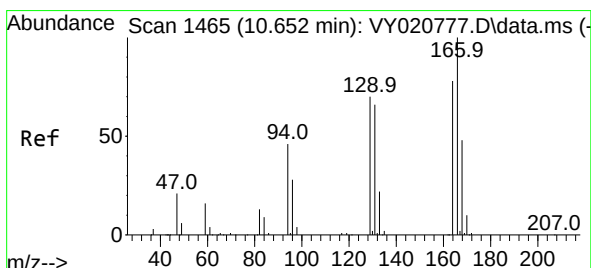
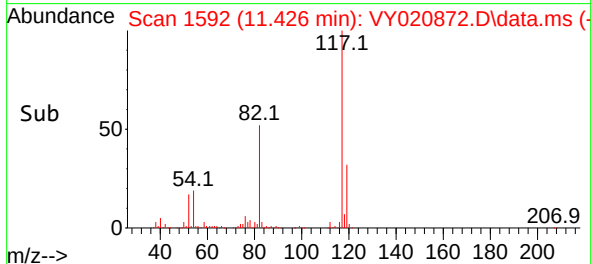
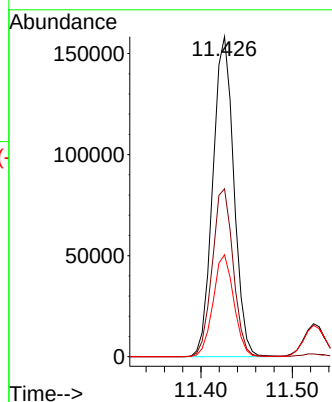
Tgt Ion:117 Resp: 252265

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.6

119 31.8 25.8 38.8



#64

Tetrachloroethene

Concen: 19.151 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Tgt Ion:164 Resp: 35520

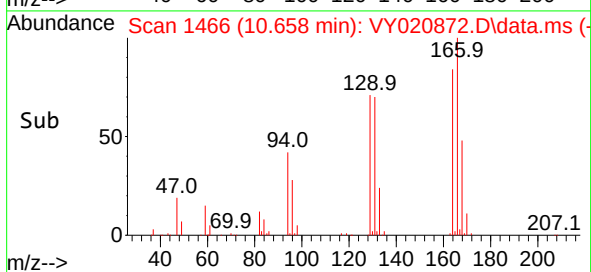
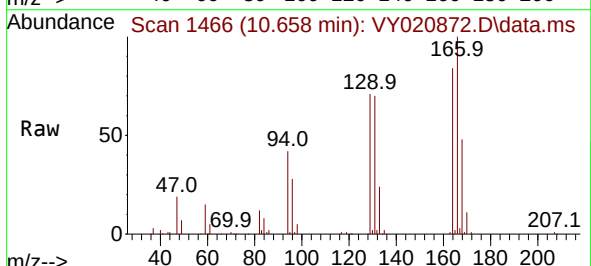
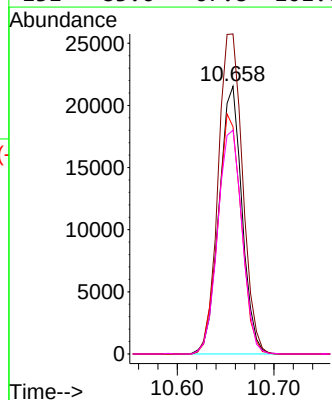
Ion Ratio Lower Upper

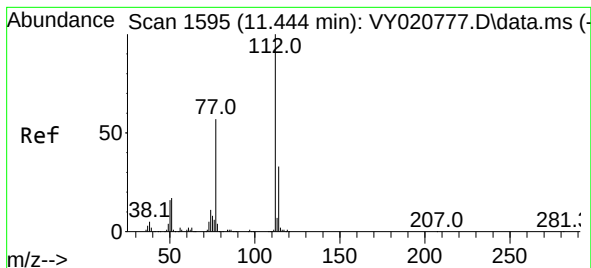
164 100

166 119.5 102.0 153.0

129 84.9 71.4 107.2

131 83.6 67.8 101.6





#65

Chlorobenzene

Concen: 19.264 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

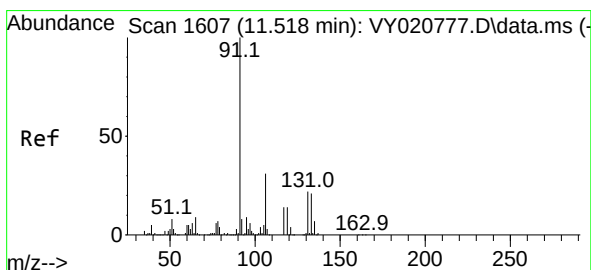
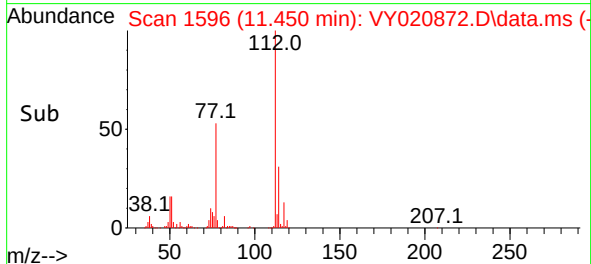
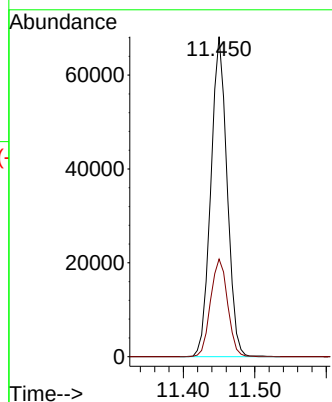
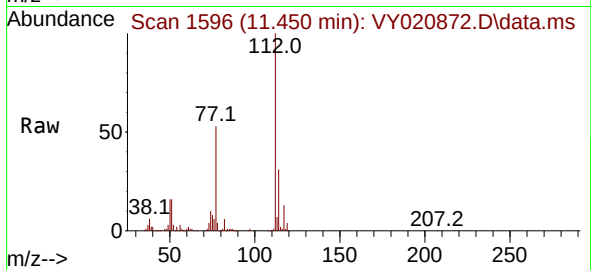
ClientSampleId :

Tgt Ion:112 Resp: 107448

Ion Ratio Lower Upper

112 100

114 30.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.877 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

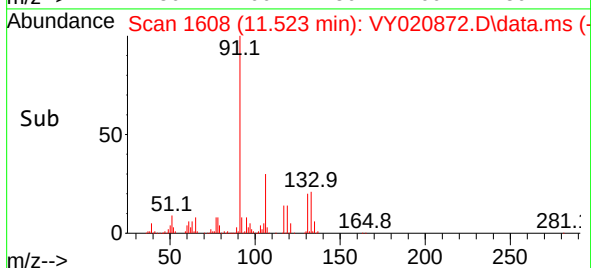
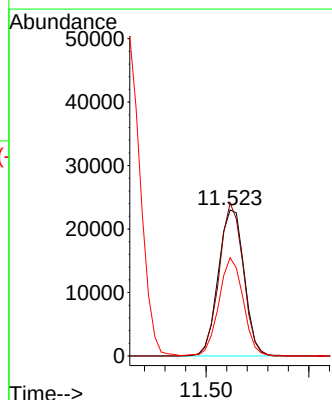
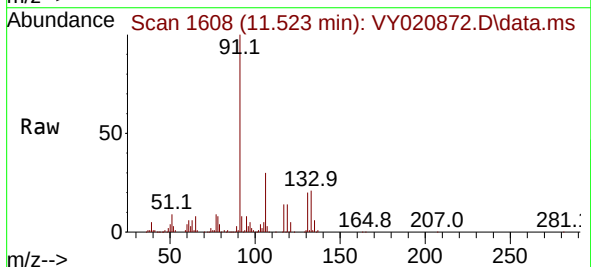
Tgt Ion:131 Resp: 40081

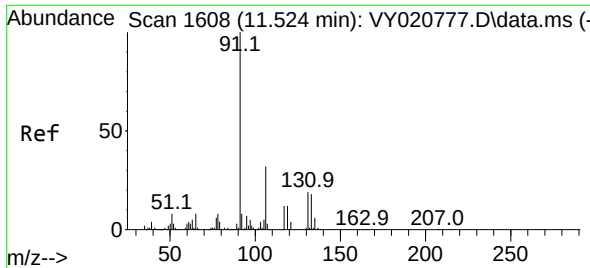
Ion Ratio Lower Upper

131 100

133 98.1 46.9 140.8

119 63.5 30.2 90.6

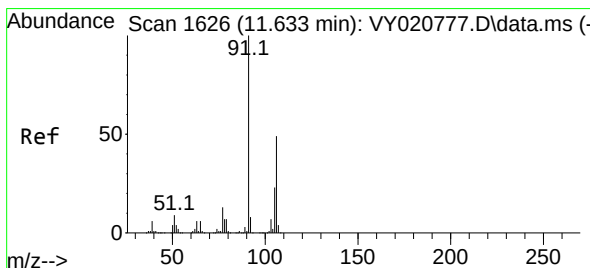
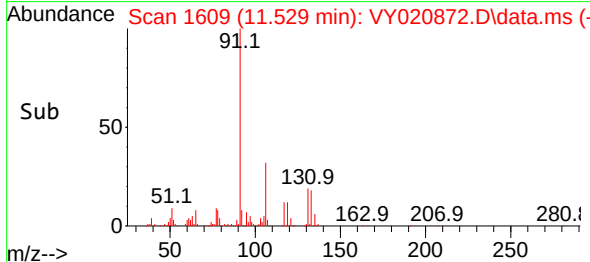
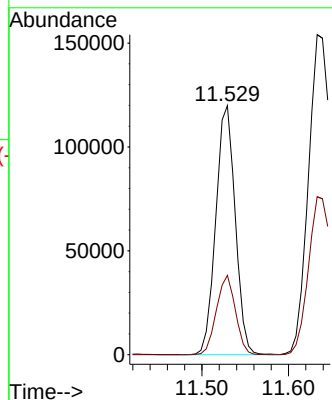
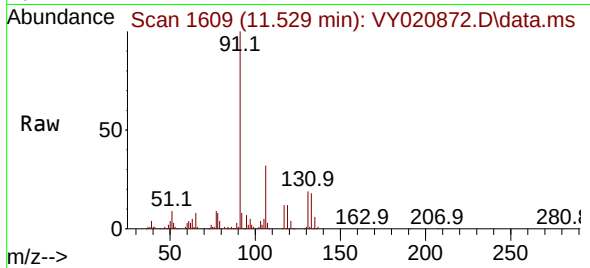




#67
Ethyl Benzene
Concen: 19.346 ug/l
RT: 11.529 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

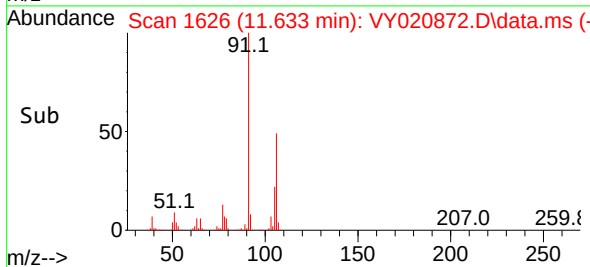
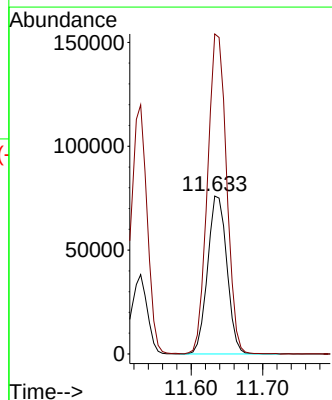
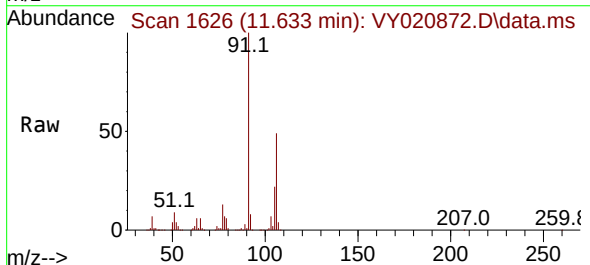
Instrument :
MSVOA_Y
ClientSampleId :

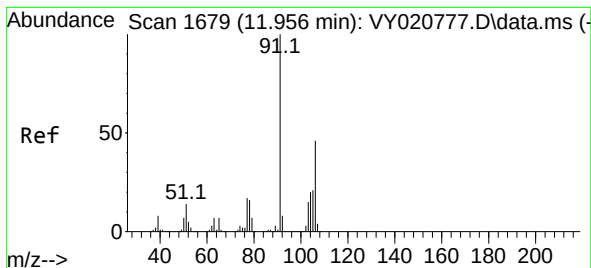
Tgt Ion: 91 Resp: 186812
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 38.331 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion:106 Resp: 142512
Ion Ratio Lower Upper
106 100
91 200.1 162.6 243.8





#69

o-Xylene

Concen: 19.364 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

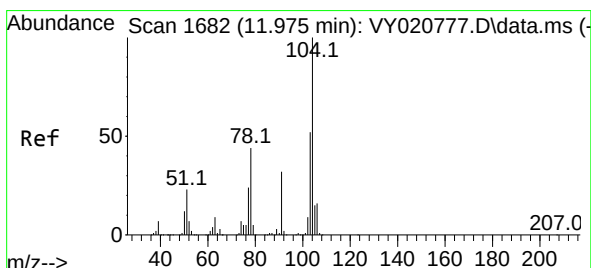
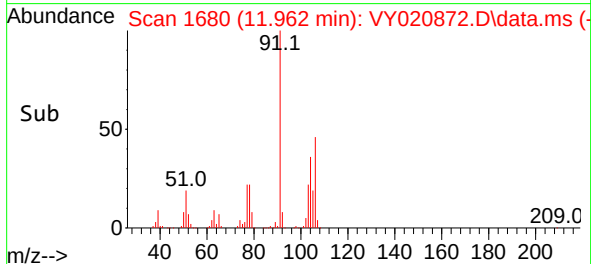
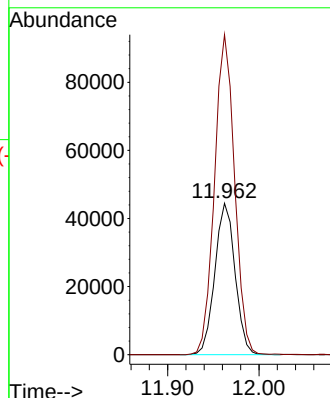
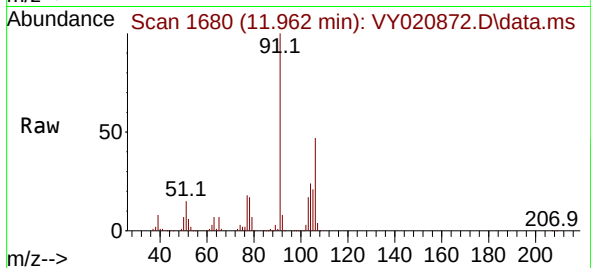
ClientSampleId :

Tgt Ion:106 Resp: 68260

Ion Ratio Lower Upper

106 100

91 210.4 108.2 324.6



#70

Styrene

Concen: 19.141 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

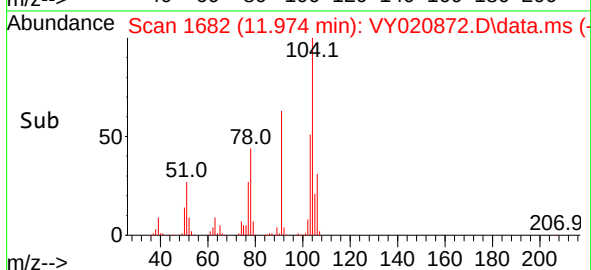
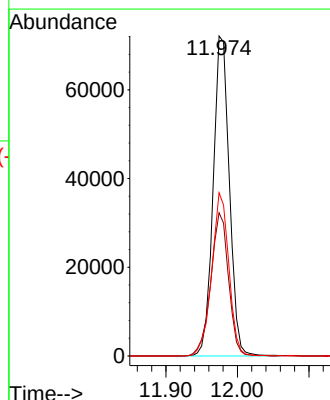
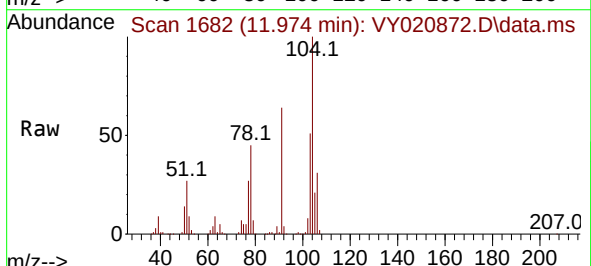
Tgt Ion:104 Resp: 113584

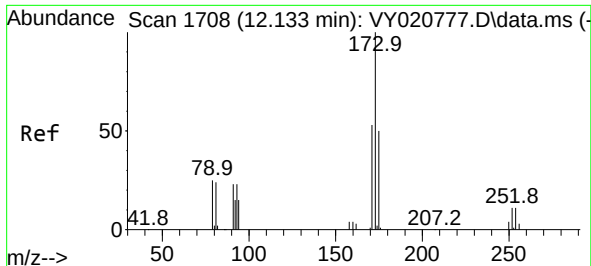
Ion Ratio Lower Upper

104 100

78 48.9 39.4 59.2

103 53.9 44.0 66.0

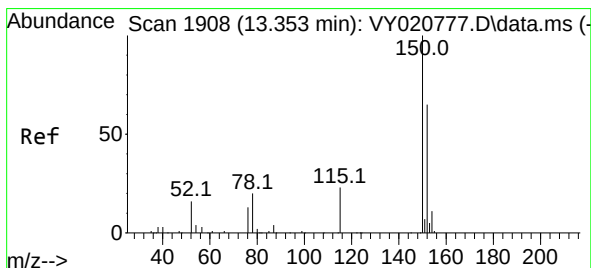
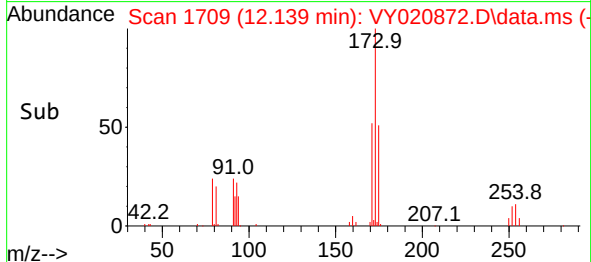
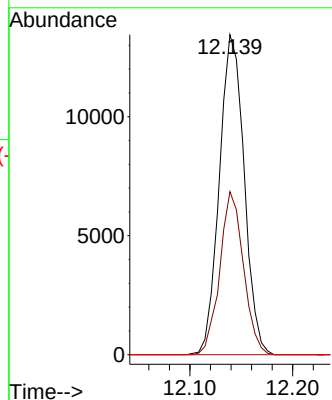
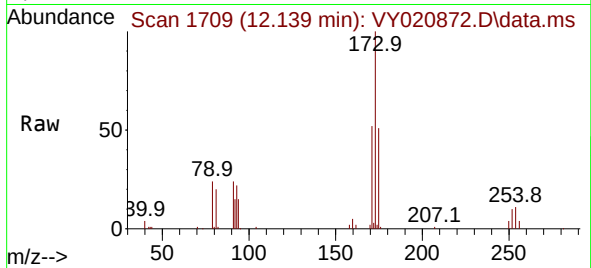




#71
Bromoform
Concen: 18.648 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

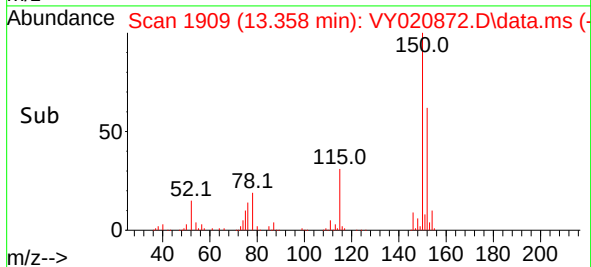
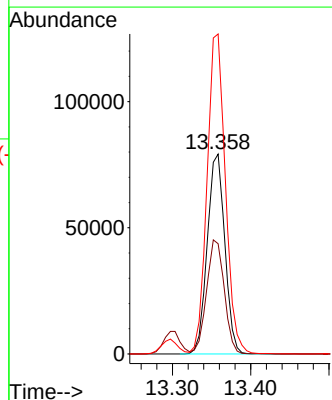
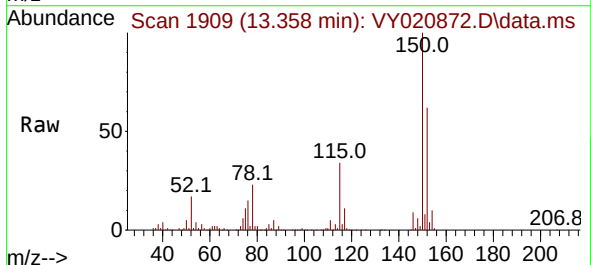
Instrument :
MSVOA_Y
ClientSampleId :

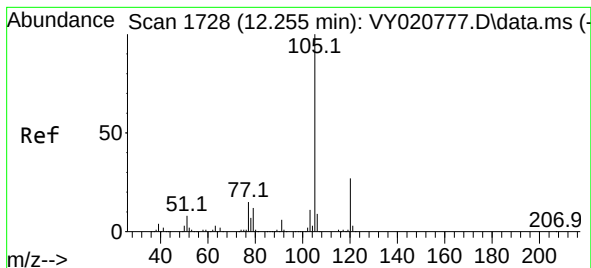
Tgt Ion:173 Resp: 22509
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.358 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion:152 Resp: 123034
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.0
150 167.2 0.0 347.4





#73

Isopropylbenzene

Concen: 19.283 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

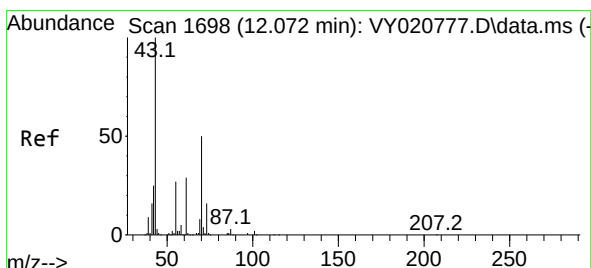
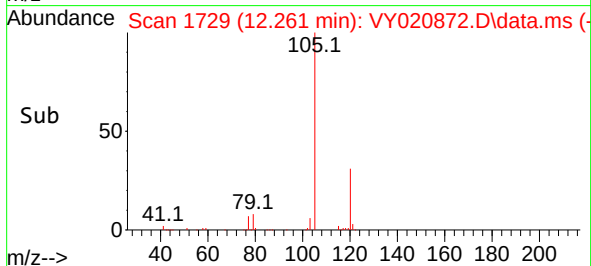
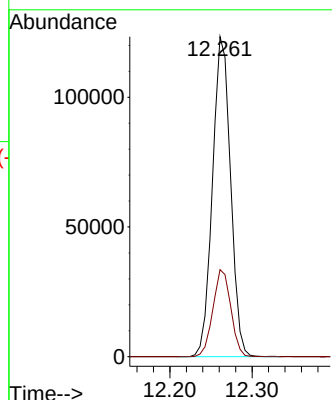
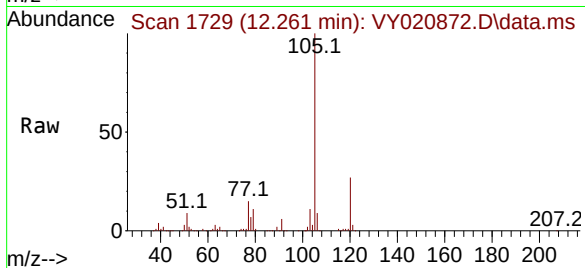
ClientSampleId :

Tgt Ion:105 Resp: 188217

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.294 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Tgt Ion: 43 Resp: 30804

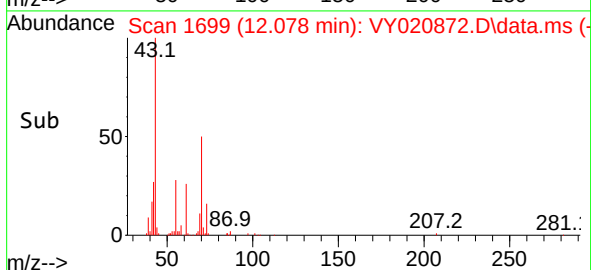
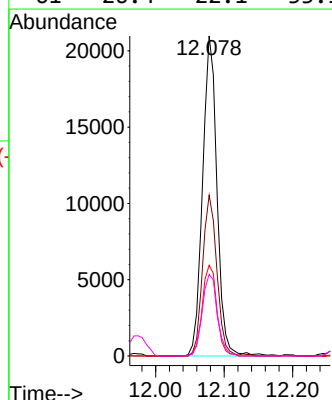
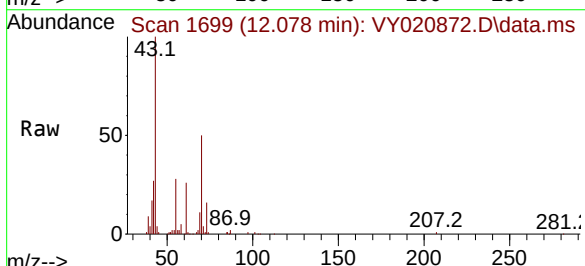
Ion Ratio Lower Upper

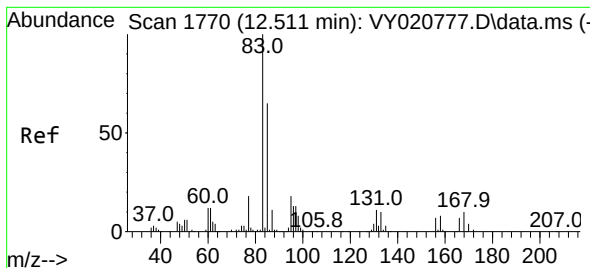
43 100

70 49.5 40.2 60.4

55 28.5 21.2 31.8

61 26.4 22.1 33.1





#75

1,1,2-Tetrachloroethane

Concen: 19.510 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

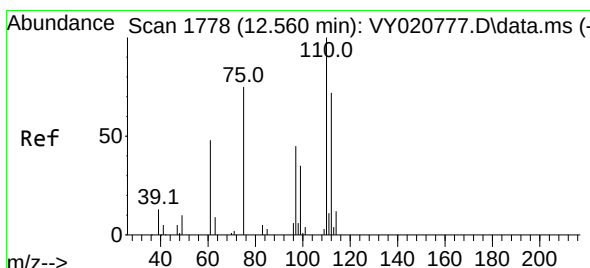
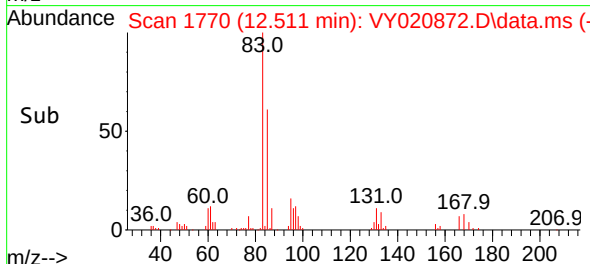
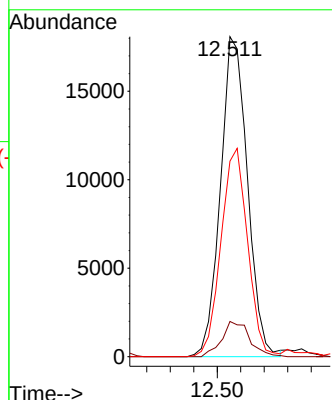
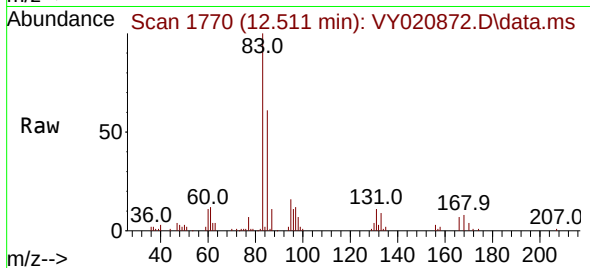
Tgt Ion: 83 Resp: 28862

Ion Ratio Lower Upper

83 100

131 11.4 6.0 18.0

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 34.599 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020872.D

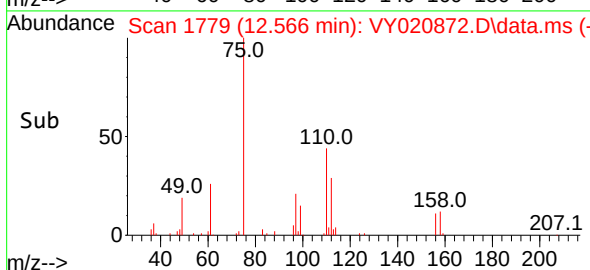
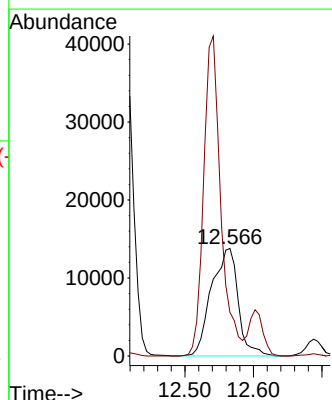
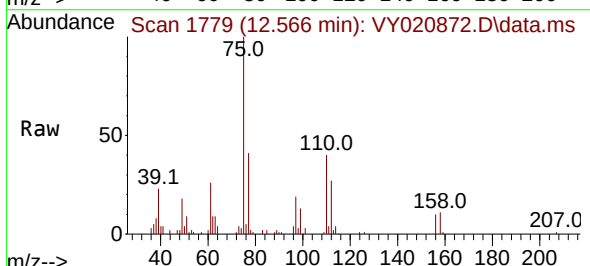
Acq: 20 Jan 2025 11:06

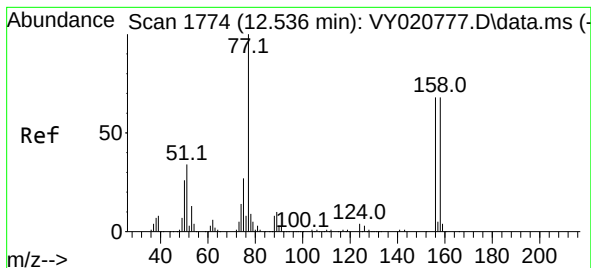
Tgt Ion: 75 Resp: 37247

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.219 ug/l

RT: 12.541 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

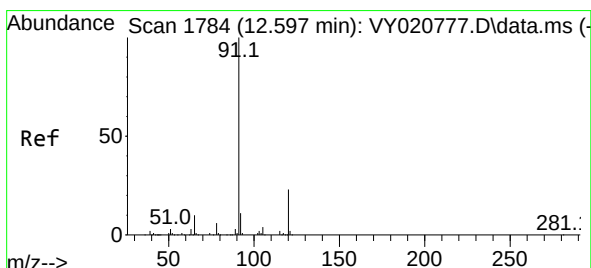
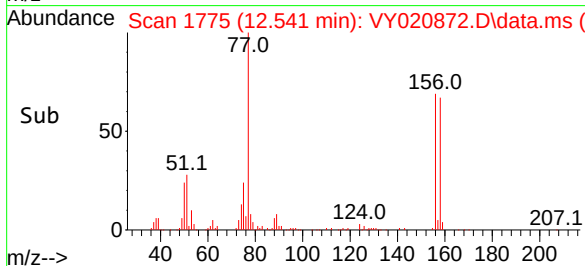
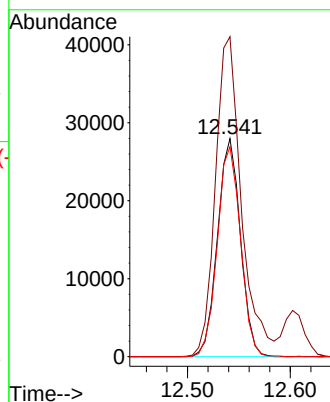
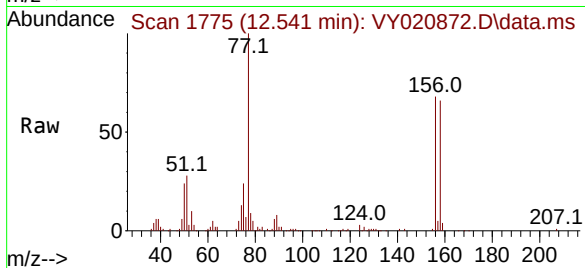
Tgt Ion:156 Resp: 43250

Ion Ratio Lower Upper

156 100

77 166.3 82.3 247.0

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 19.742 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020872.D

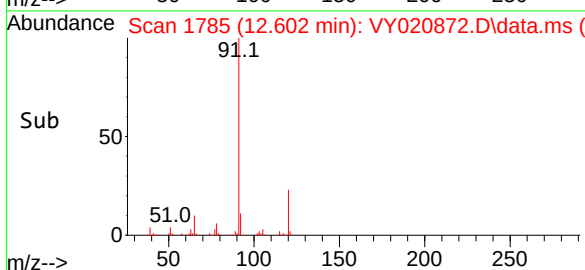
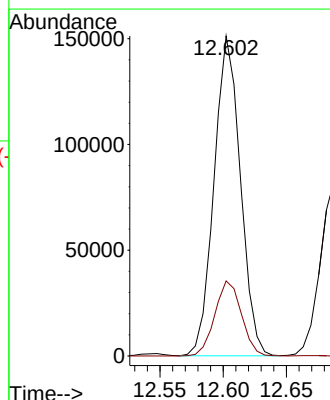
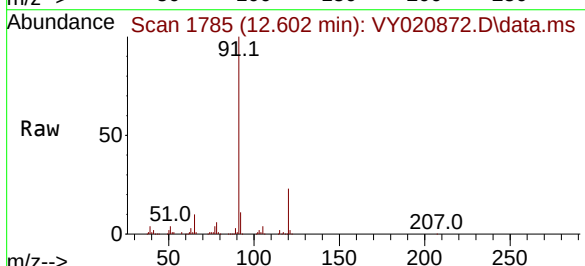
Acq: 20 Jan 2025 11:06

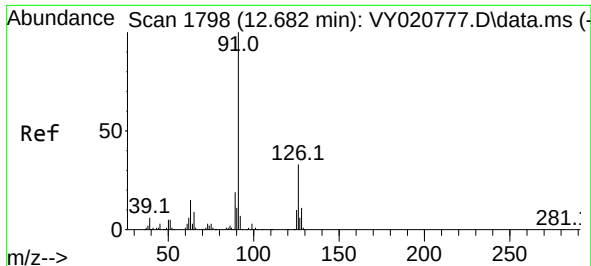
Tgt Ion: 91 Resp: 218712

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.618 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

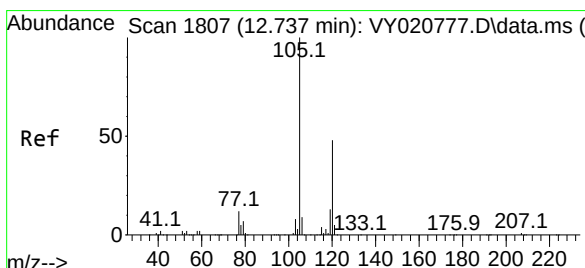
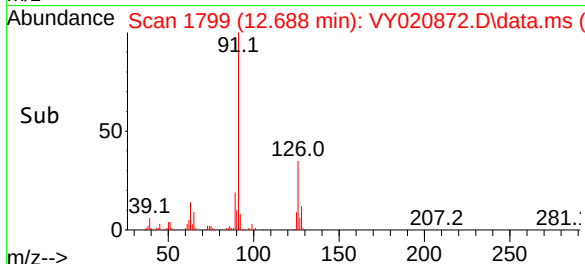
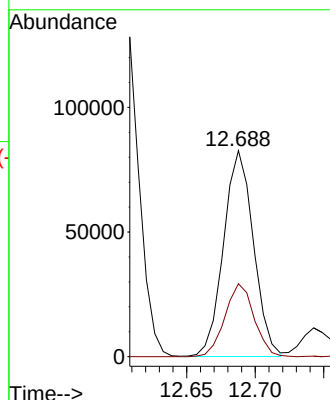
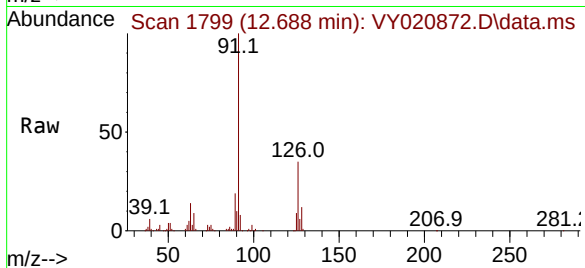
ClientSampleId :

Tgt Ion: 91 Resp: 125157

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 19.332 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020872.D

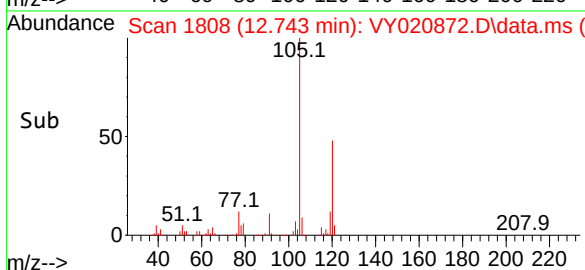
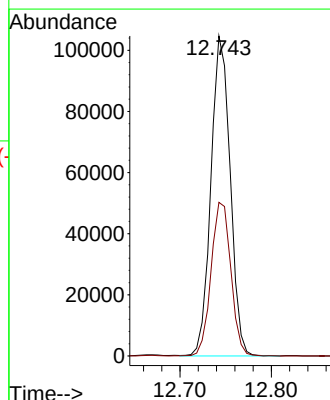
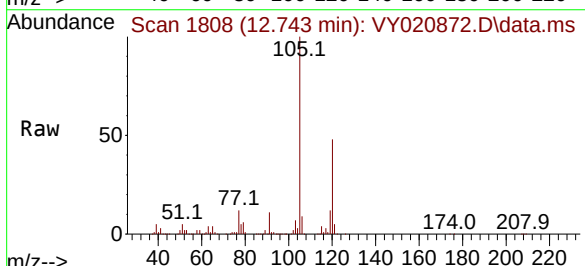
Acq: 20 Jan 2025 11:06

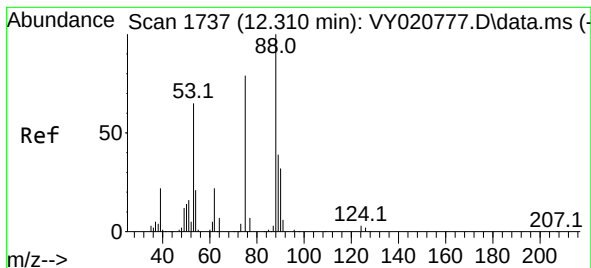
Tgt Ion: 105 Resp: 152915

Ion Ratio Lower Upper

105 100

120 49.3 24.5 73.5

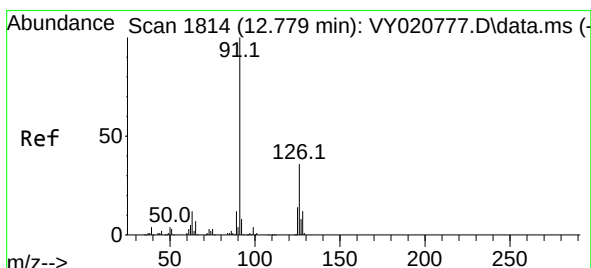
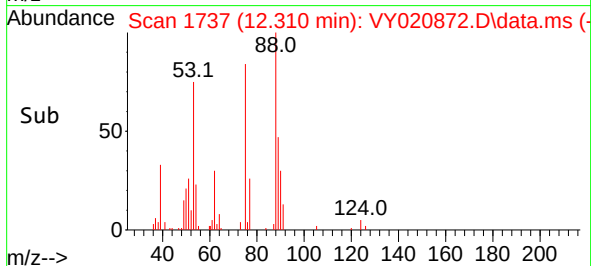
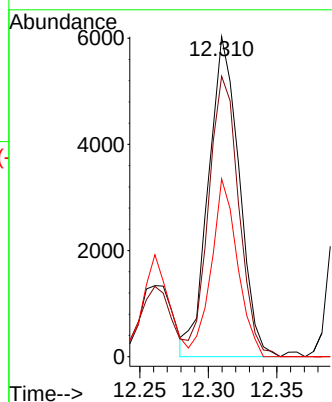
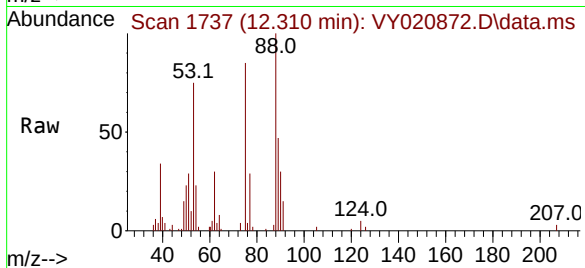




#81
trans-1,4-Dichloro-2-butene
Concen: 18.415 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

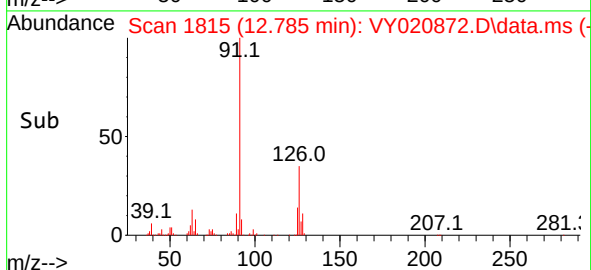
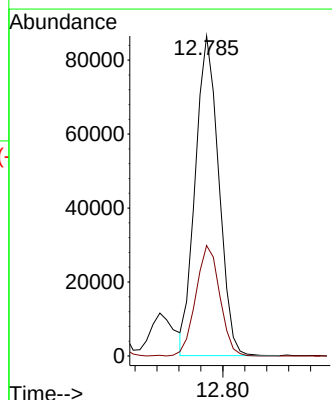
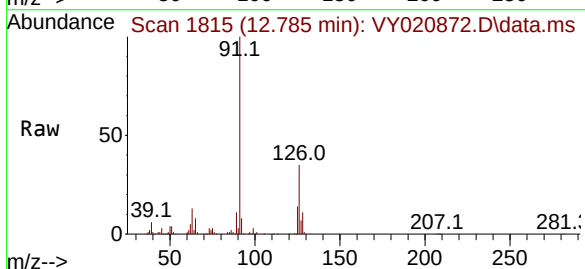
Instrument :
MSVOA_Y
ClientSampleId :

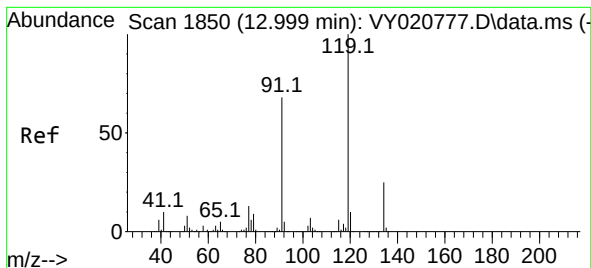
Tgt Ion: 75 Resp: 9402
Ion Ratio Lower Upper
75 100
53 85.2 69.4 104.0
89 47.2 39.6 59.4



#82
4-Chlorotoluene
Concen: 19.479 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion: 91 Resp: 128248
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7





#83

tert-Butylbenzene

Concen: 19.160 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

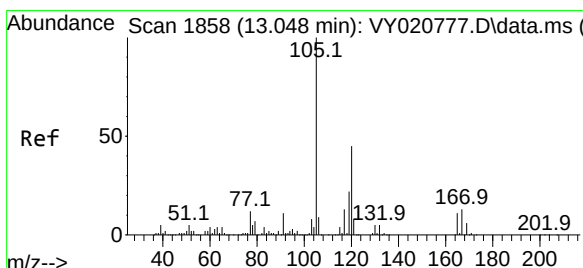
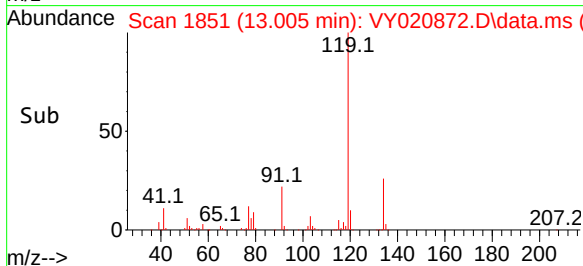
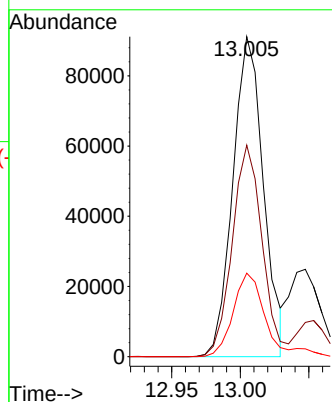
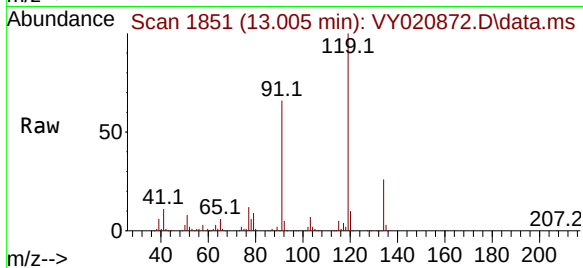
Tgt Ion:119 Resp: 141748

Ion Ratio Lower Upper

119 100

91 64.9 33.0 98.9

134 27.8 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.588 ug/l

RT: 13.053 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020872.D

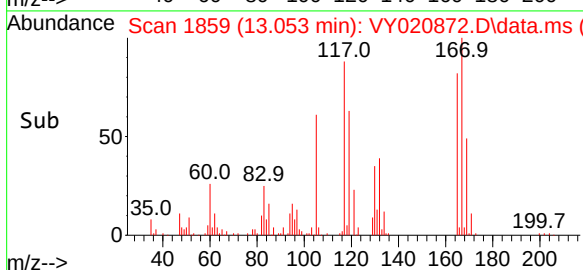
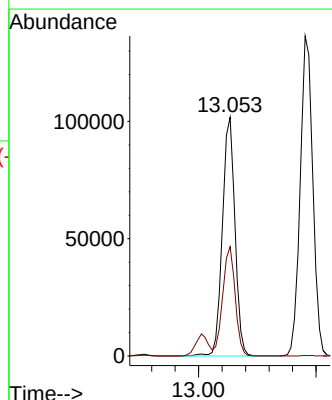
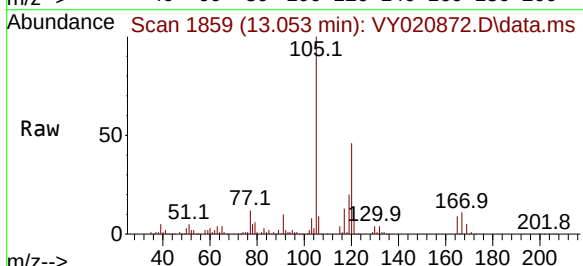
Acq: 20 Jan 2025 11:06

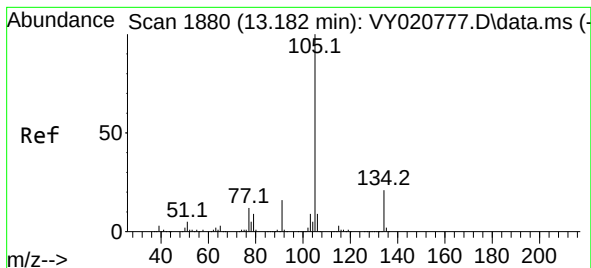
Tgt Ion:105 Resp: 151308

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 19.688 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

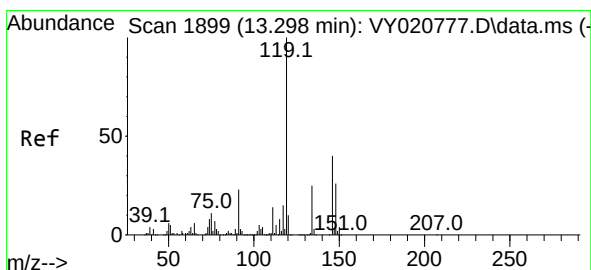
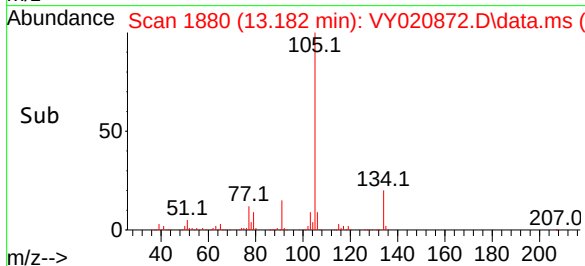
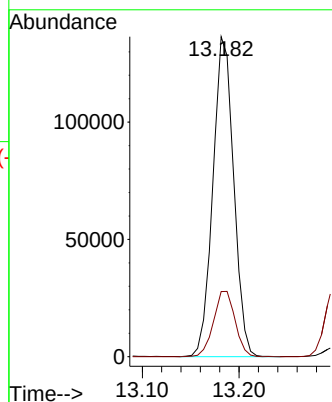
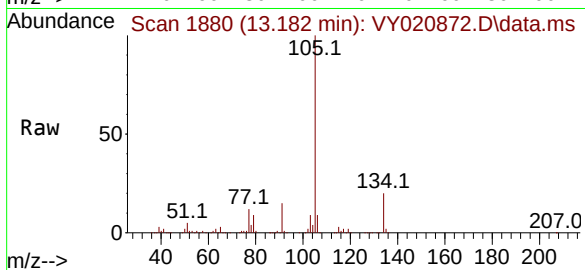
ClientSampleId :

Tgt Ion:105 Resp: 203449

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



#86

p-Isopropyltoluene

Concen: 19.184 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

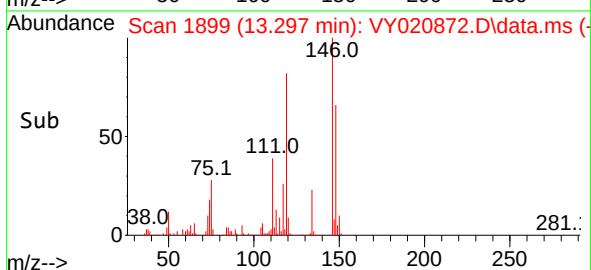
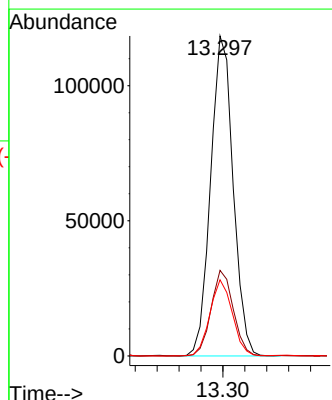
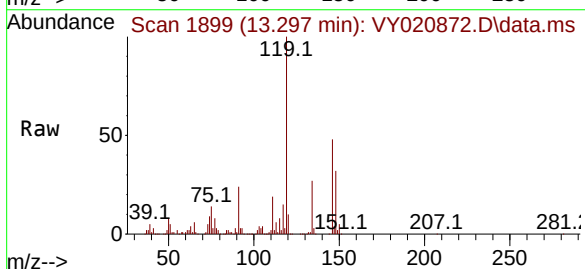
Tgt Ion:119 Resp: 169116

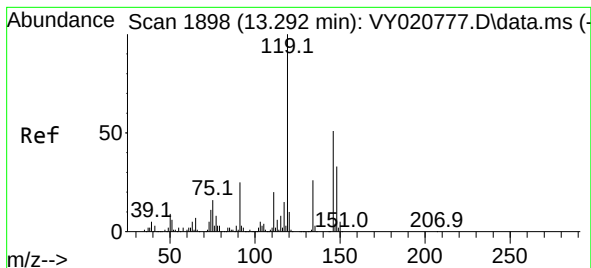
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.804 ug/l

RT: 13.297 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

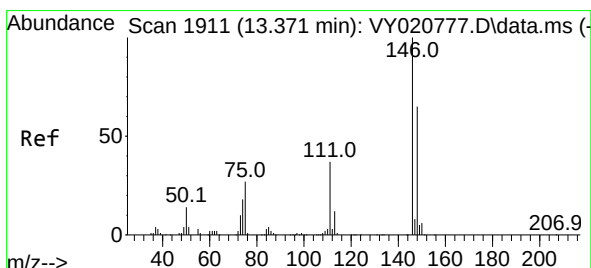
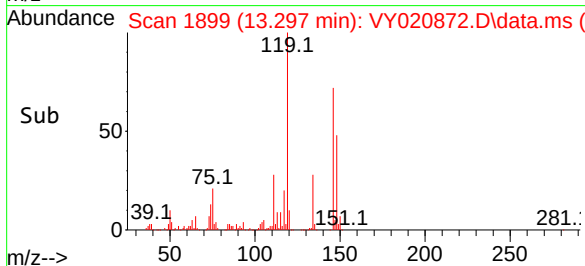
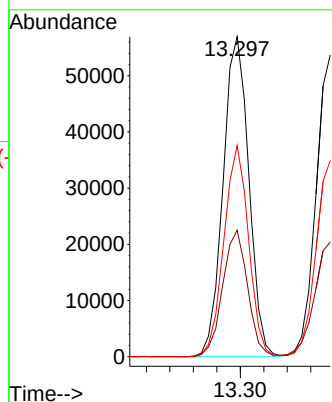
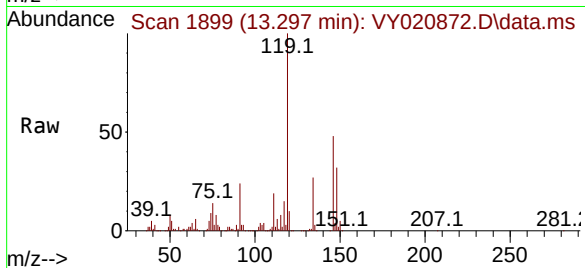
Tgt Ion:146 Resp: 86592

Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

148 63.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.370 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

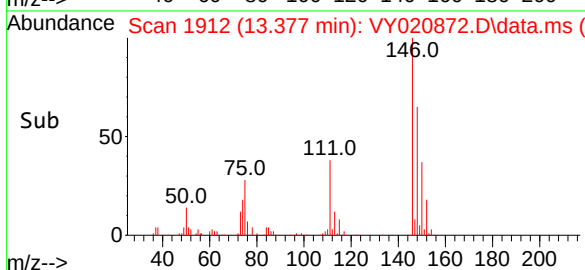
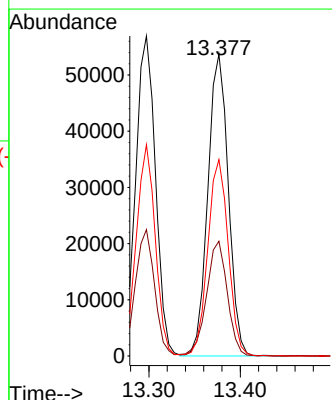
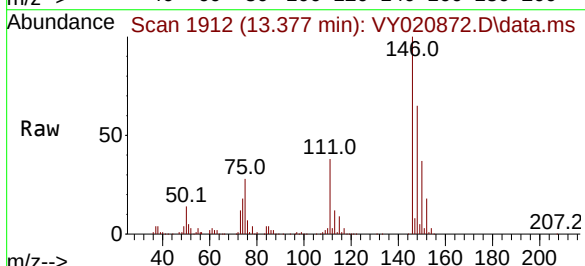
Tgt Ion:146 Resp: 83373

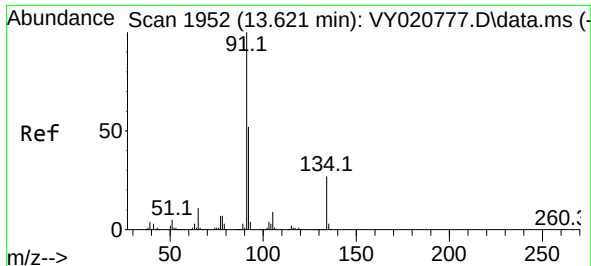
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 19.434 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020872.D

Acq: 20 Jan 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

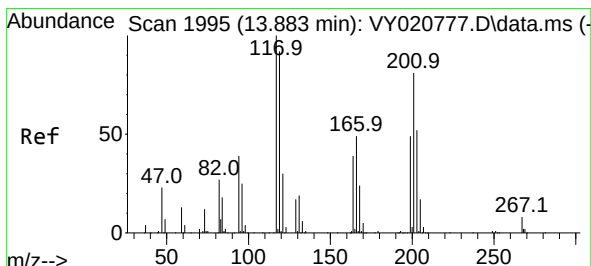
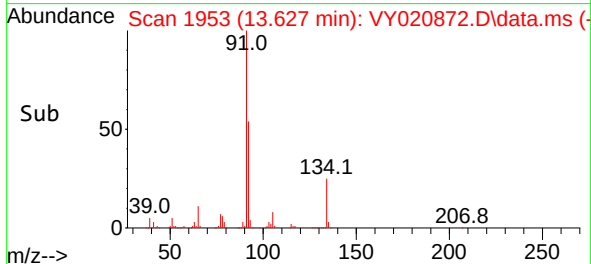
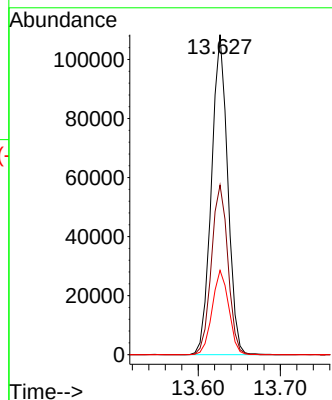
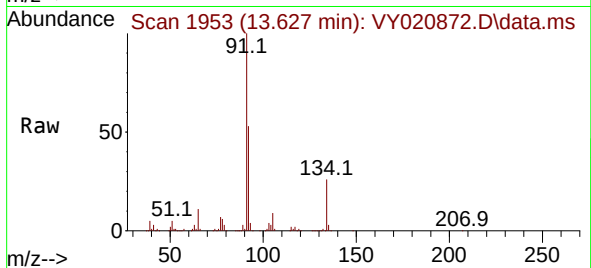
Tgt Ion: 91 Resp: 148627

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.4

134 26.9 13.8 41.4



#90

Hexachloroethane

Concen: 18.977 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020872.D

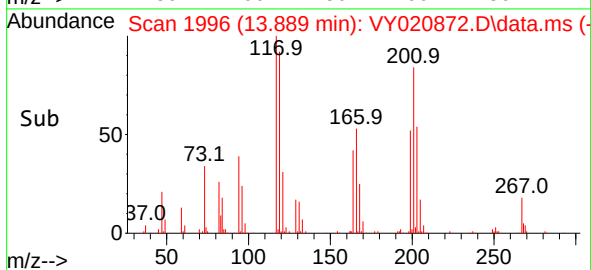
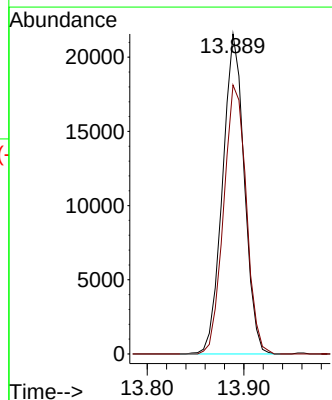
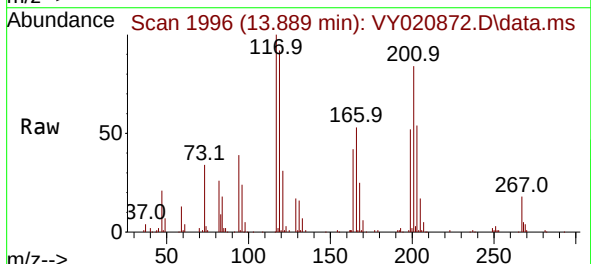
Acq: 20 Jan 2025 11:06

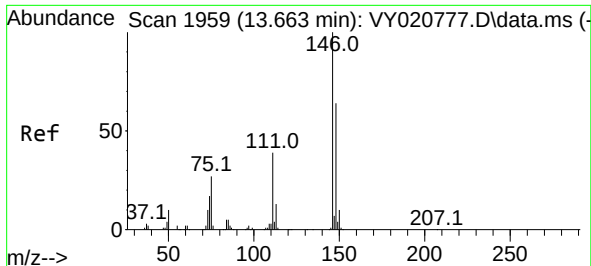
Tgt Ion: 117 Resp: 33592

Ion Ratio Lower Upper

117 100

201 87.5 42.9 128.7

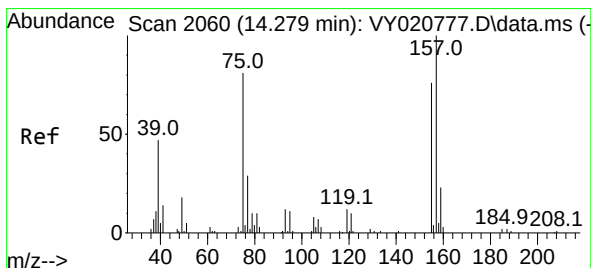
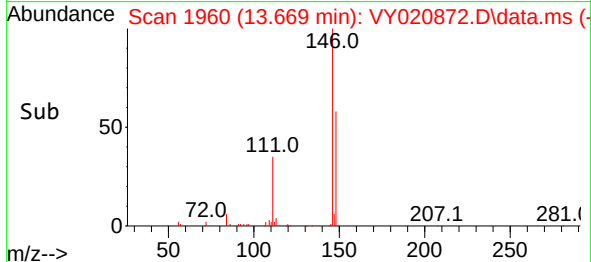
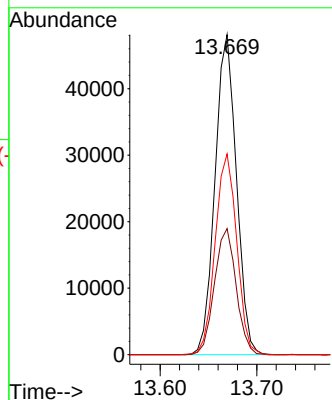
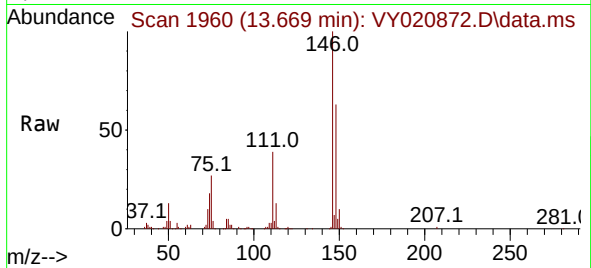




#91
 1,2-Dichlorobenzene
 Concen: 19.360 ug/l
 RT: 13.669 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

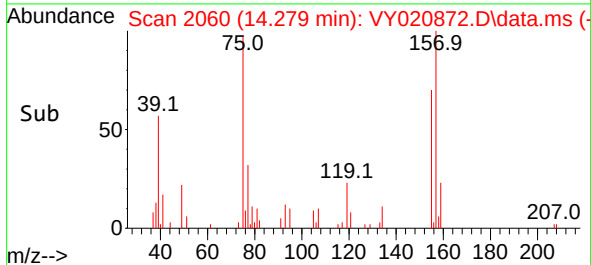
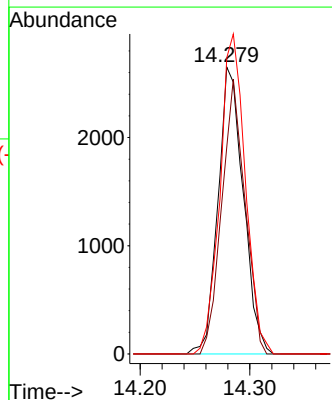
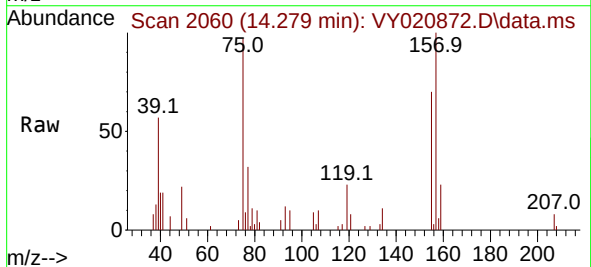
Instrument :
 MSVOA_Y
 ClientSampleId :

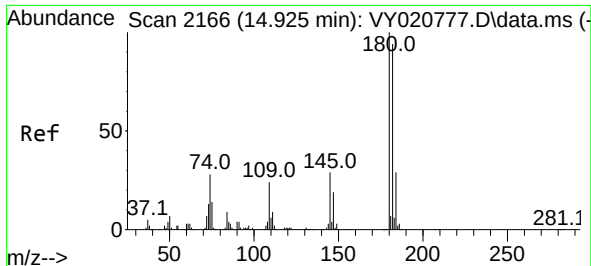
Tgt Ion:146 Resp: 74014
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.780 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY020872.D
 Acq: 20 Jan 2025 11:06

Tgt Ion: 75 Resp: 4253
 Ion Ratio Lower Upper
 75 100
 155 88.1 45.5 136.5
 157 111.9 59.7 179.0

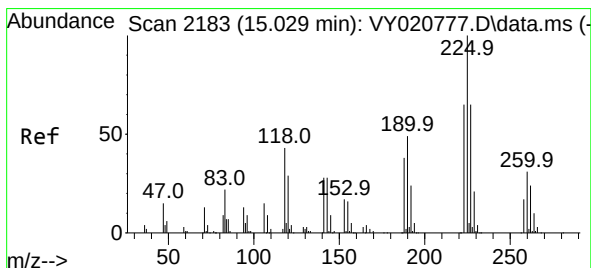
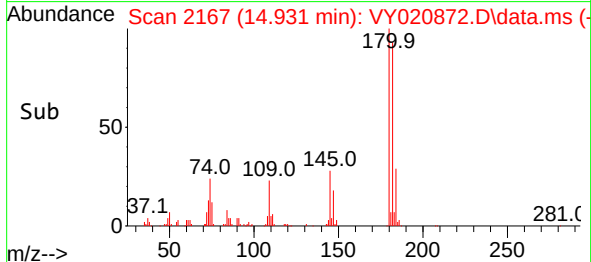
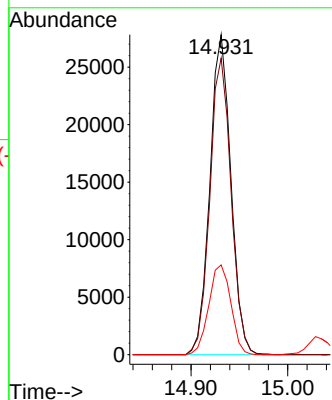
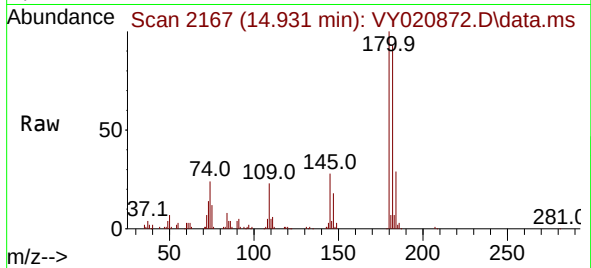




#93
1,2,4-Trichlorobenzene
Concen: 19.077 ug/l
RT: 14.931 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

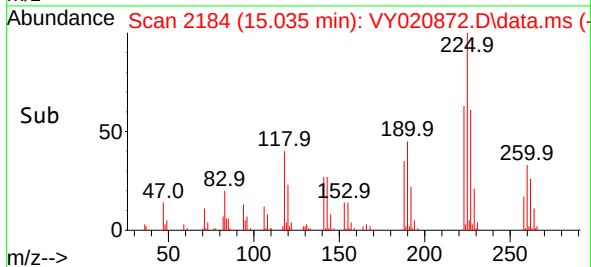
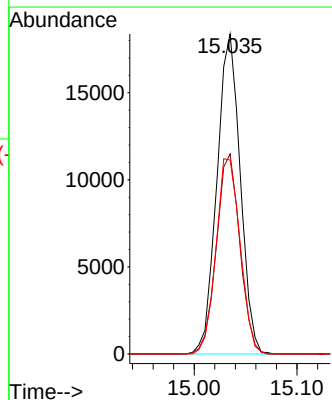
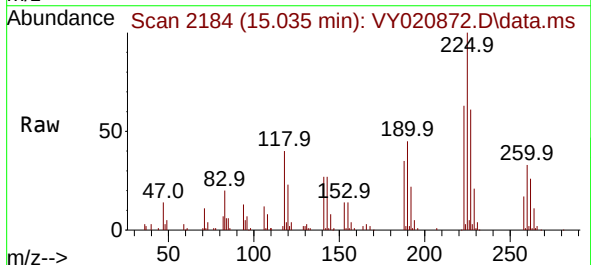
Instrument :
MSVOA_Y
ClientSampleId :

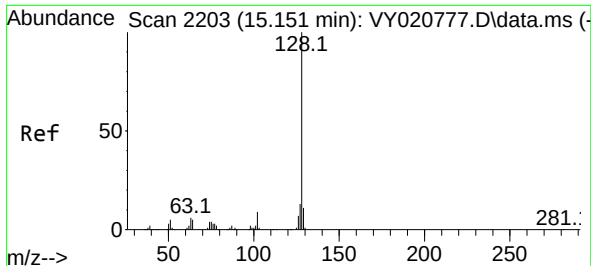
Tgt Ion:180 Resp: 41973
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 29.5 15.0 45.1



#94
Hexachlorobutadiene
Concen: 18.634 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion:225 Resp: 28903
Ion Ratio Lower Upper
225 100
223 62.7 31.6 94.8
227 63.2 32.2 96.6

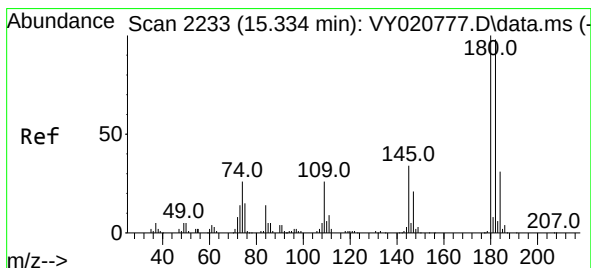
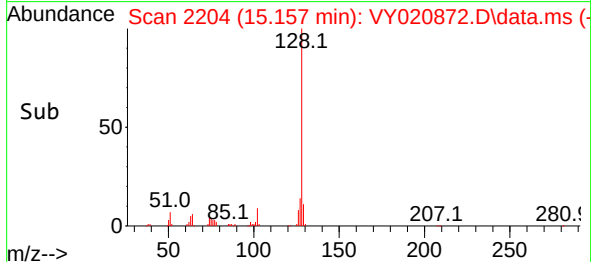
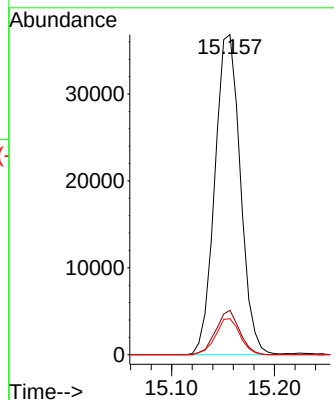
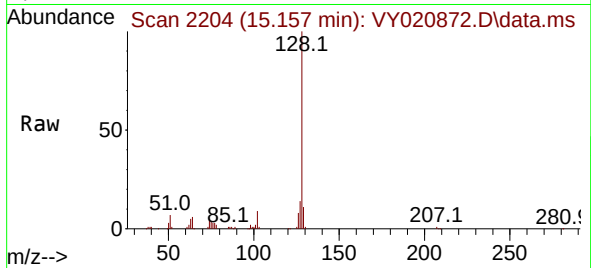




#95
Naphthalene
Concen: 17.514 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 63420
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.665 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY020872.D
Acq: 20 Jan 2025 11:06

Tgt Ion:180 Resp: 34405
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.3
145 30.6 16.1 48.2

