

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020801.D
 Acq On : 08 Jan 2025 10:57
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:17:14 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	7.725	168	191071	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.627	114	284373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	235702	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.358	152	114996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	80452	49.538	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.658	113	86030	48.289	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.121	98	330646	53.239	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.419	95	108941	47.501	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	25916	18.482	ug/l	99
3) Chloromethane	2.086	50	15971	21.631	ug/l	94
4) Vinyl Chloride	2.220	62	18145	22.107	ug/l	98
5) Bromomethane	2.610	94	11426	19.545	ug/l	95
6) Chloroethane	2.750	64	11771	23.254	ug/l	97
7) Trichlorofluoromethane	3.080	101	49160	19.515	ug/l	97
8) Diethyl Ether	3.476	74	14580	18.508	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.842	101	34062	20.023	ug/l	98
10) Methyl Iodide	4.031	142	35445	19.443	ug/l	97
11) Tert butyl alcohol	4.896	59	10358	84.406	ug/l #	90
12) 1,1-Dichloroethene	3.817	96	29145	19.560	ug/l	96
13) Acrolein	3.677	56	4029	116.910	ug/l	97
14) Allyl chloride	4.409	41	43858	20.402	ug/l	95
15) Acrylonitrile	5.085	53	32059	95.755	ug/l	99
16) Acetone	3.903	43	22381	96.912	ug/l	92
17) Carbon Disulfide	4.128	76	57297	17.726	ug/l	98
18) Methyl Acetate	4.415	43	14558	18.670	ug/l	98
19) Methyl tert-butyl Ether	5.140	73	79140	18.820	ug/l	100
20) Methylene Chloride	4.646	84	31977	20.050	ug/l	96
21) trans-1,2-Dichloroethene	5.146	96	32240	19.648	ug/l	98
22) Diisopropyl ether	6.043	45	98914	21.600	ug/l	99
23) Vinyl Acetate	5.982	43	254134	100.652	ug/l	98
24) 1,1-Dichloroethane	5.945	63	62003	20.522	ug/l	98
25) 2-Butanone	6.920	43	35645	93.961	ug/l	100
26) 2,2-Dichloropropane	6.908	77	60314	19.228	ug/l	100
27) cis-1,2-Dichloroethene	6.914	96	40742	19.679	ug/l	98
28) Bromochloromethane	7.268	49	15298	18.765	ug/l	93
29) Tetrahydrofuran	7.286	42	23659	97.629	ug/l	97
30) Chloroform	7.439	83	68992	20.024	ug/l	98
31) Cyclohexane	7.725	56	46008	19.469	ug/l	97
32) 1,1,1-Trichloroethane	7.640	97	64982	19.336	ug/l	100
36) 1,1-Dichloropropene	7.859	75	44993	19.800	ug/l	100
37) Ethyl Acetate	7.006	43	17632	19.498	ug/l	97
38) Carbon Tetrachloride	7.835	117	59863	18.925	ug/l	98
39) Methylcyclohexane	9.121	83	53591	19.219	ug/l	95
40) Benzene	8.097	78	140409	20.132	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	8108	15.656	ug/l #	75
42) 1,2-Dichloroethane	8.176	62	36550	19.190	ug/l	99
43) Isopropyl Acetate	8.213	43	35502	19.302	ug/l #	86
44) Trichloroethene	8.877	130	37598	19.339	ug/l	90
45) 1,2-Dichloropropane	9.158	63	32923	20.823	ug/l	98
46) Dibromomethane	9.249	93	17999	19.825	ug/l	96
47) Bromodichloromethane	9.438	83	51094	19.650	ug/l	99
48) Methyl methacrylate	9.231	41	15178	18.407	ug/l	97
49) 1,4-Dioxane	9.255	88	3781	392.234	ug/l #	92
51) 4-Methyl-2-Pentanone	10.011	43	87627	95.361	ug/l	99
52) Toluene	10.182	92	92853	20.105	ug/l	98
53) t-1,3-Dichloropropene	10.408	75	45438	19.648	ug/l	99
54) cis-1,3-Dichloropropene	9.871	75	53411	19.886	ug/l	96
55) 1,1,2-Trichloroethane	10.584	97	25678	19.797	ug/l	99
56) Ethyl methacrylate	10.450	69	30788	18.795	ug/l	98
57) 1,3-Dichloropropane	10.731	76	42218	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.725	63	59488	91.541	ug/l	96
59) 2-Hexanone	10.773	43	55916	94.851	ug/l	97
60) Dibromochloromethane	10.926	129	36491	19.398	ug/l	100
61) 1,2-Dibromoethane	11.029	107	23326	20.031	ug/l	97
64) Tetrachloroethene	10.664	164	33658	19.423	ug/l	96
65) Chlorobenzene	11.456	112	104088	19.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.529	131	38531	19.422	ug/l	98
67) Ethyl Benzene	11.529	91	180171	19.969	ug/l	97
68) m/p-Xylenes	11.639	106	138610	39.901	ug/l	98
69) o-Xylene	11.968	106	65935	20.018	ug/l	98
70) Styrene	11.980	104	109653	19.777	ug/l	99
71) Bromoform	12.145	173	21510	19.072	ug/l #	99
73) Isopropylbenzene	12.267	105	181055	19.846	ug/l	100
74) N-amyl acetate	12.084	43	28404	19.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	27427	19.836	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	34976	34.761	ug/l #	100
77) Bromobenzene	12.547	156	41145	19.562	ug/l	98
78) n-propylbenzene	12.608	91	208753	20.160	ug/l	99
79) 2-Chlorotoluene	12.694	91	119513	20.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	147562	19.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	8827	18.498	ug/l	96
82) 4-Chlorotoluene	12.791	91	124655	20.257	ug/l	99
83) tert-Butylbenzene	13.011	119	139444	20.166	ug/l	97
84) 1,2,4-Trimethylbenzene	13.060	105	144120	19.962	ug/l	99
85) sec-Butylbenzene	13.188	105	196423	20.336	ug/l	99
86) p-Isopropyltoluene	13.303	119	164911	20.015	ug/l	99
87) 1,3-Dichlorobenzene	13.303	146	79651	19.490	ug/l	98
88) 1,4-Dichlorobenzene	13.383	146	78714	19.566	ug/l	98
89) n-Butylbenzene	13.633	91	143864	20.126	ug/l	100
90) Hexachloroethane	13.895	117	32376	19.569	ug/l	99
91) 1,2-Dichlorobenzene	13.675	146	70132	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	3837	17.162	ug/l	96
93) 1,2,4-Trichlorobenzene	14.937	180	37681	18.323	ug/l	99
94) Hexachlorobutadiene	15.041	225	28239	19.479	ug/l	97
95) Naphthalene	15.163	128	56845	16.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.346	180	29783	17.287	ug/l	99

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QLast Update : Tue Jan 07 01:31:46 2025
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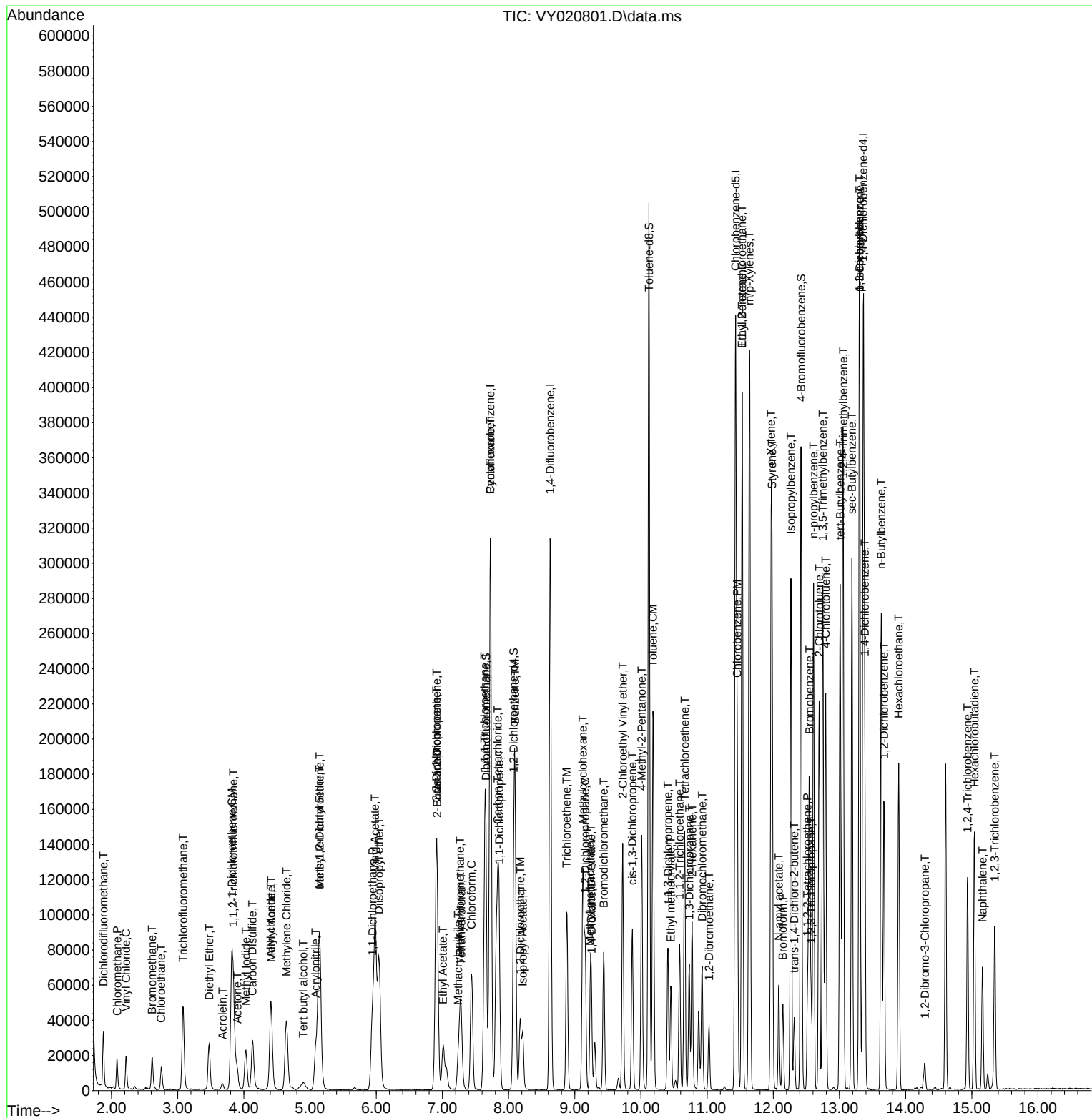
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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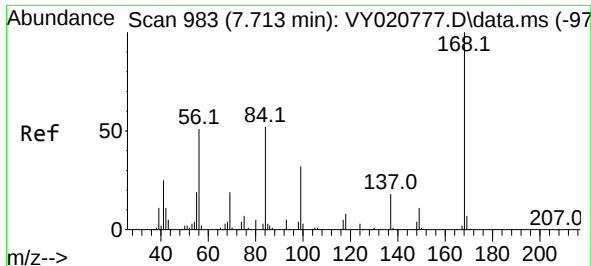
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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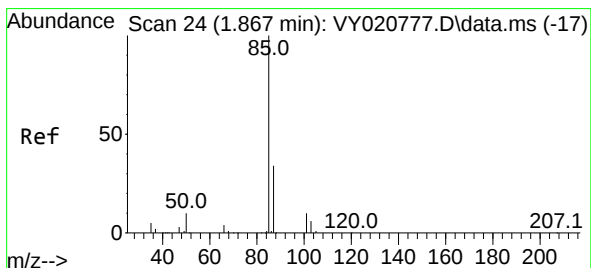
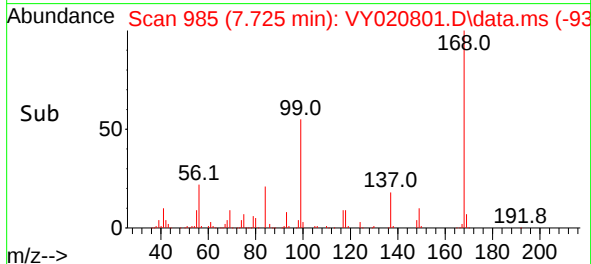
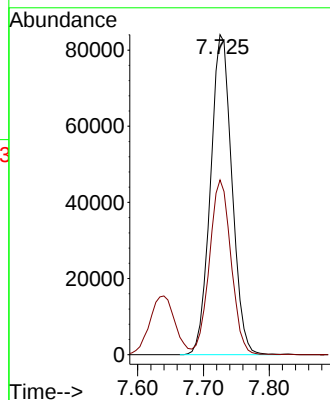
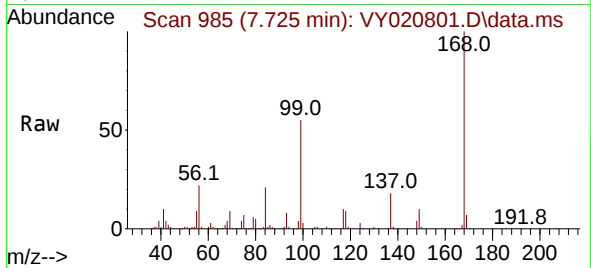




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020801.D
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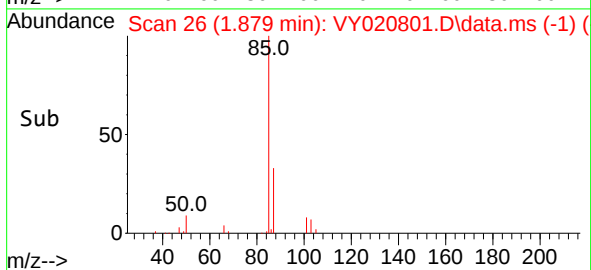
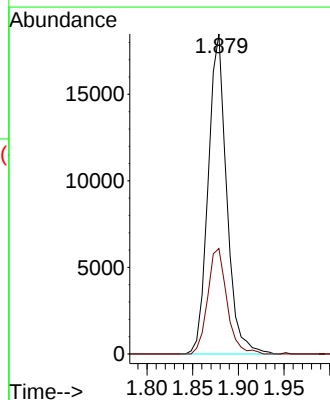
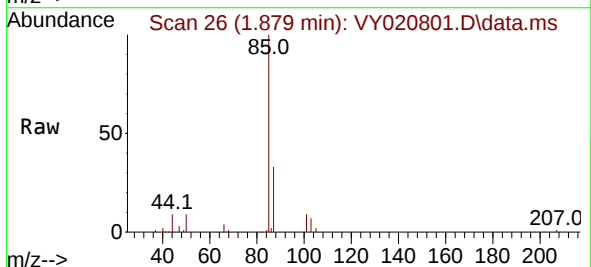
Instrument :
MSVOA_Y
ClientSampleId :

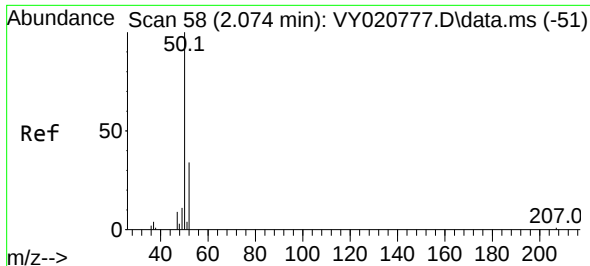
Tgt Ion:168 Resp: 191071
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 18.482 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 85 Resp: 25916
Ion Ratio Lower Upper
85 100
87 33.0 16.9 50.6

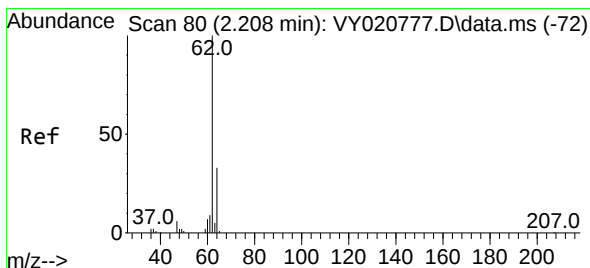
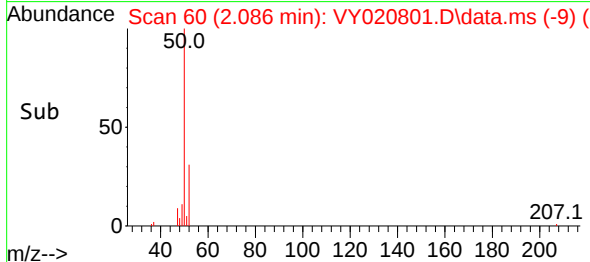
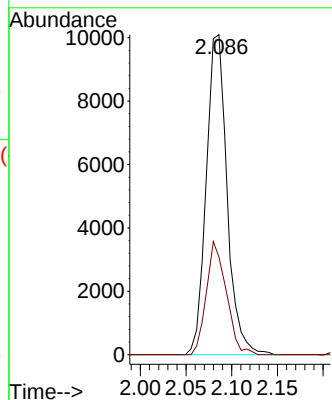
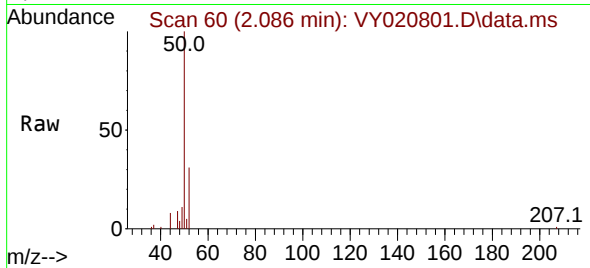




#3
Chloromethane
Concen: 21.631 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

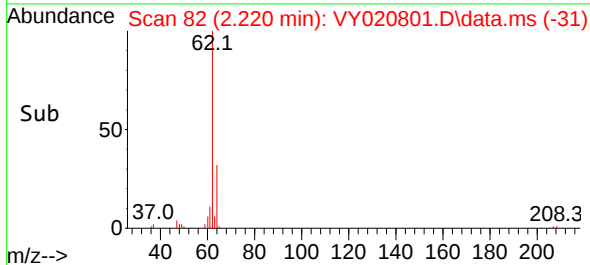
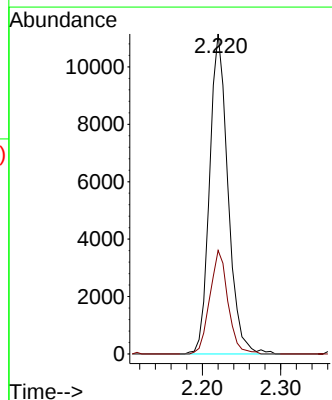
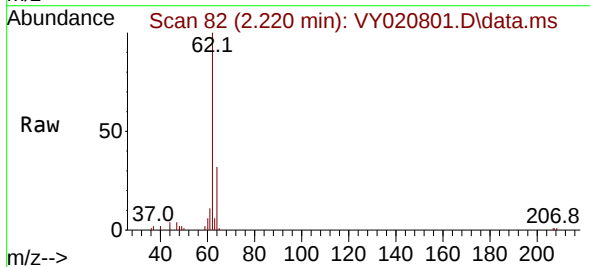
Instrument :
MSVOA_Y
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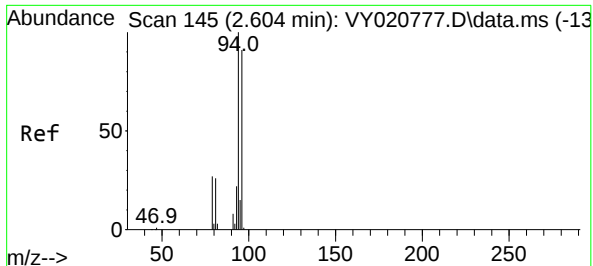
Tgt Ion: 50 Resp: 15971
Ion Ratio Lower Upper
50 100
52 30.5 27.3 40.9



#4
Vinyl Chloride
Concen: 22.107 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 62 Resp: 18145
Ion Ratio Lower Upper
62 100
64 32.3 26.6 39.8

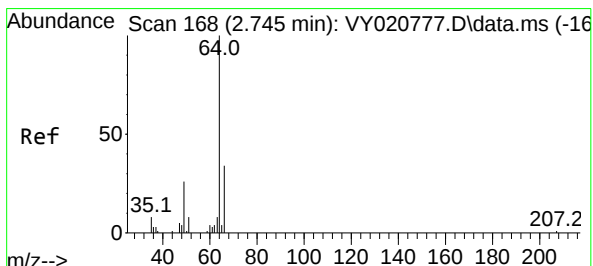
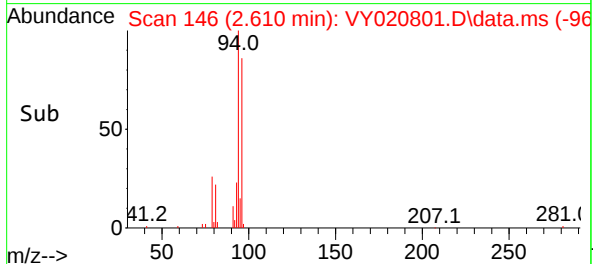
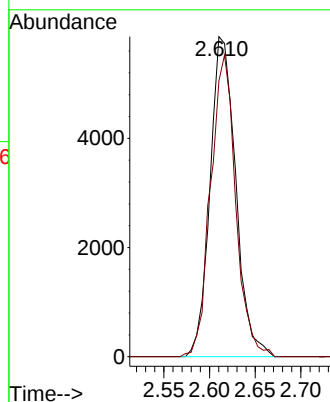
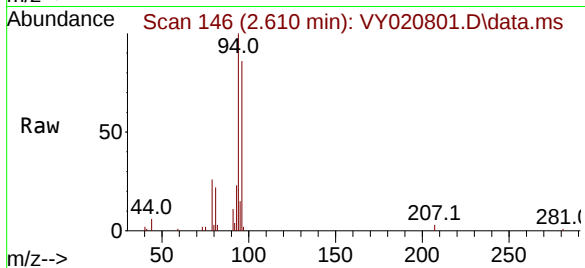




#5
Bromomethane
Concen: 19.545 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020801.D
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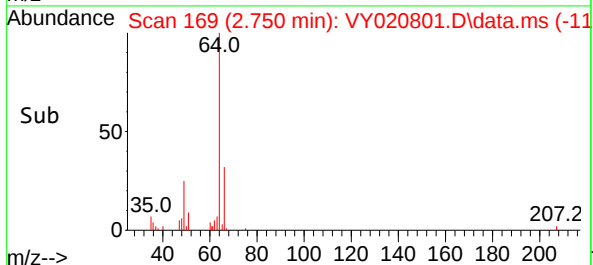
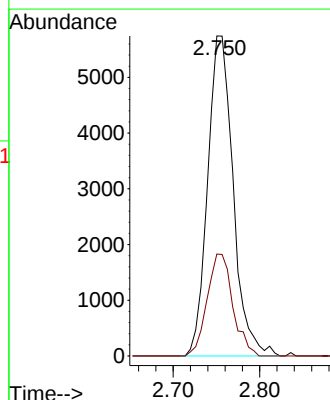
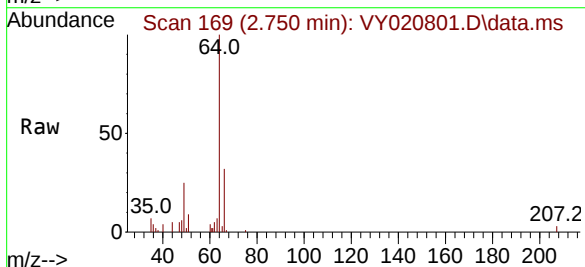
Instrument :
MSVOA_Y
ClientSampleId :

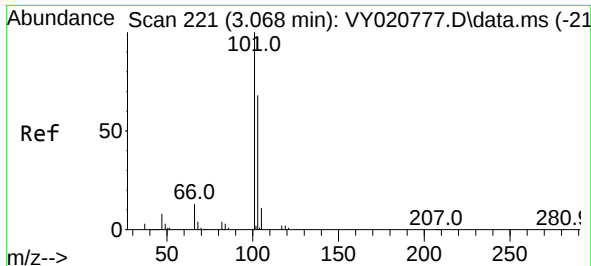
Tgt Ion: 94 Resp: 11426
Ion Ratio Lower Upper
94 100
96 86.2 72.6 109.0



#6
Chloroethane
Concen: 23.254 ug/l
RT: 2.750 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020801.D
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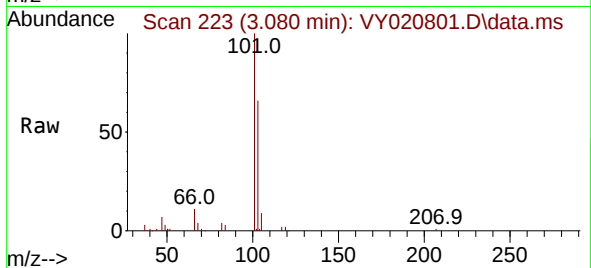
Tgt Ion: 64 Resp: 11771
Ion Ratio Lower Upper
64 100
66 31.8 26.9 40.3



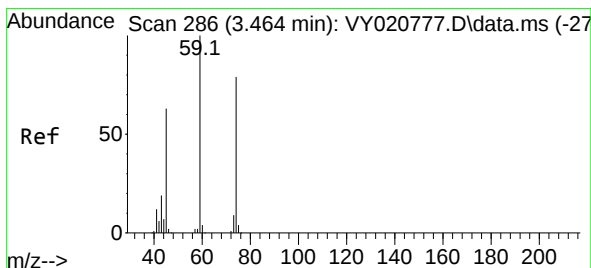
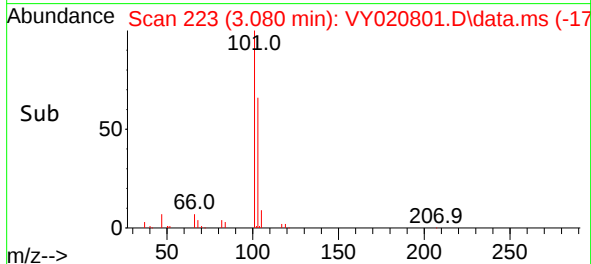
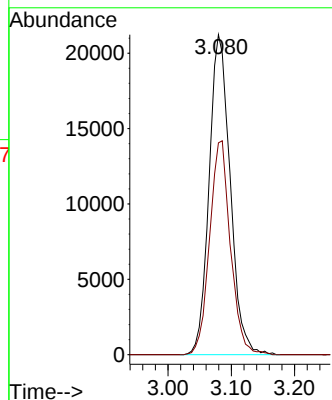


#7
Trichlorofluoromethane
Concen: 19.515 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

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ClientSampleId :

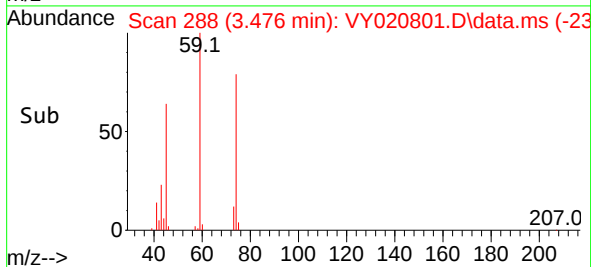
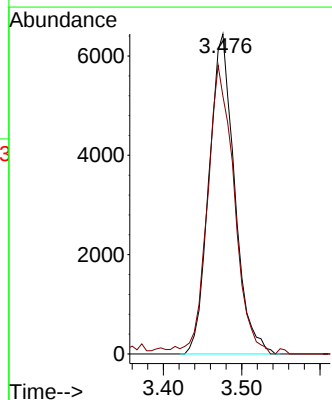
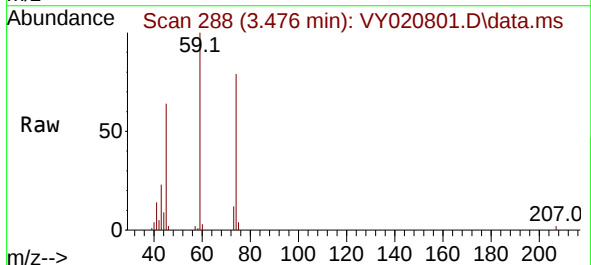


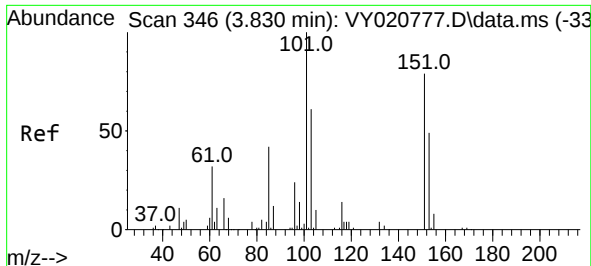
Tgt Ion:101 Resp: 49160
Ion Ratio Lower Upper
101 100
103 66.2 54.6 82.0



#8
Diethyl Ether
Concen: 18.508 ug/l
RT: 3.476 min Scan# 288
Delta R.T. 0.012 min
Lab File: VY020801.D
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Tgt Ion: 74 Resp: 14580
Ion Ratio Lower Upper
74 100
45 94.5 41.3 124.1

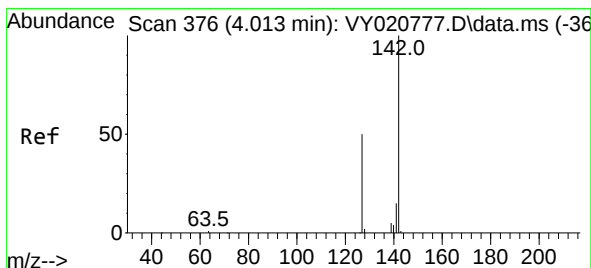
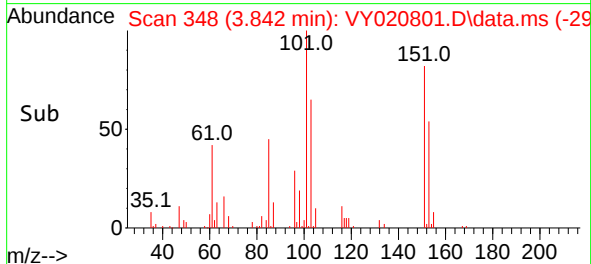
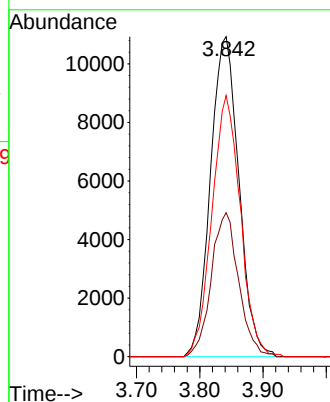
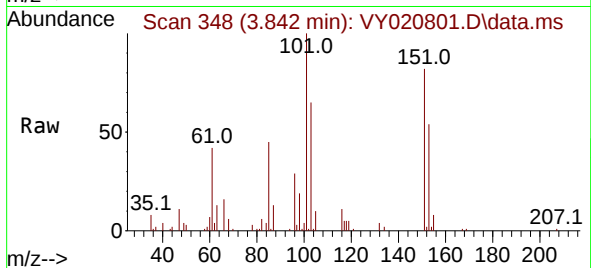




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.023 ug/l
RT: 3.842 min Scan# 346
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

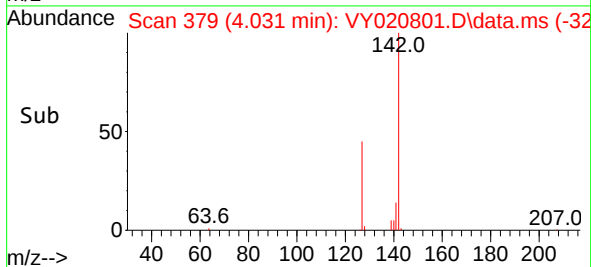
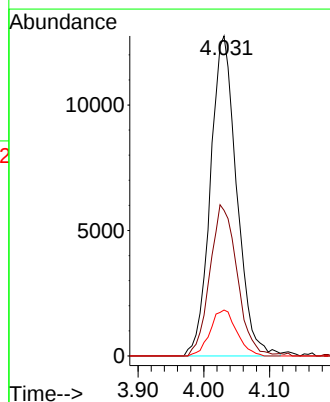
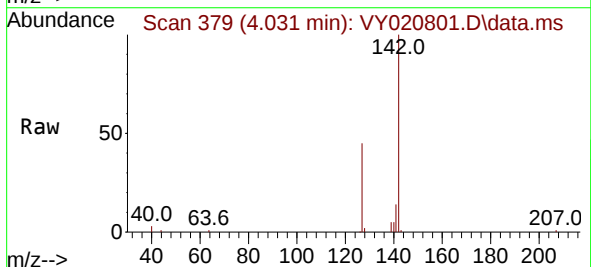
Instrument :
MSVOA_Y
ClientSampleId :

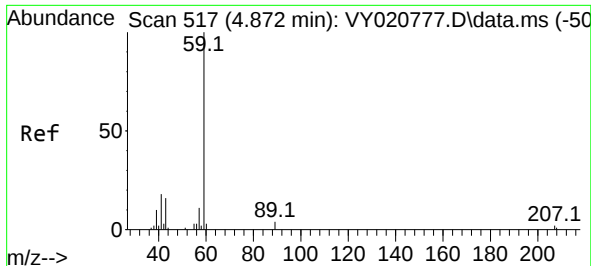
Tgt Ion:101 Resp: 34062
Ion Ratio Lower Upper
101 100
85 43.4 35.9 53.9
151 81.4 66.9 100.3



#10
Methyl Iodide
Concen: 19.443 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion:142 Resp: 35445
Ion Ratio Lower Upper
142 100
127 48.9 41.0 61.6
141 14.5 11.6 17.4

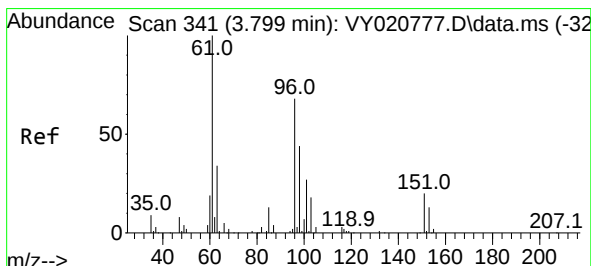
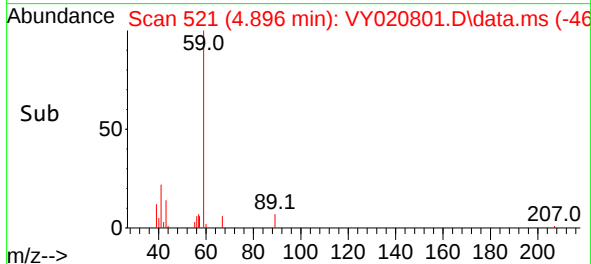
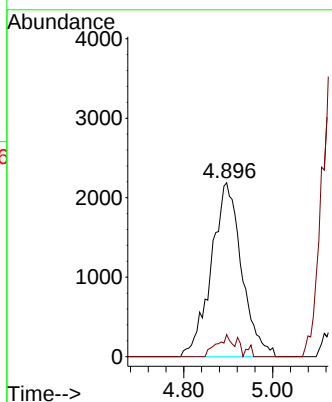
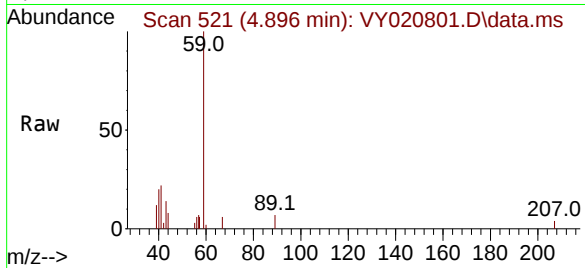




#11
Tert butyl alcohol
Concen: 84.406 ug/l
RT: 4.896 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

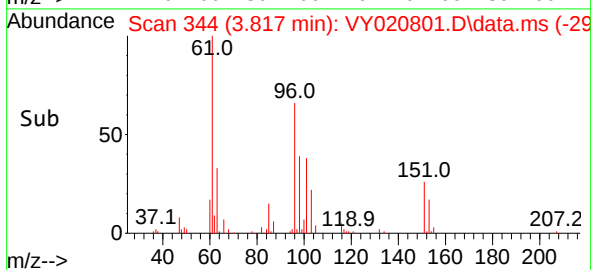
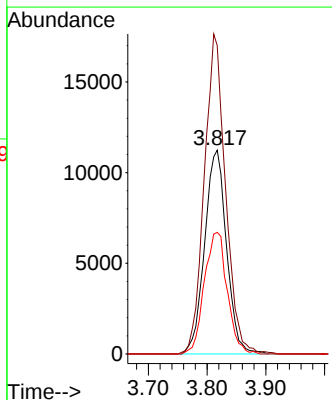
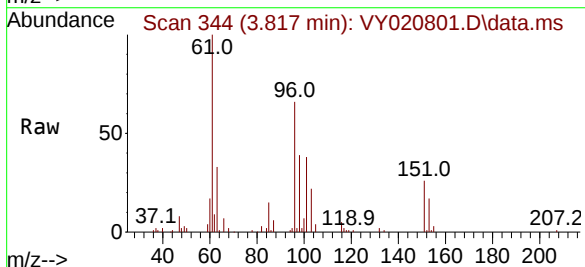
Instrument :
MSVOA_Y
ClientSampleId :

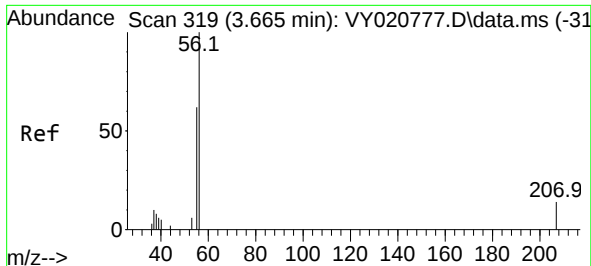
Tgt Ion: 59 Resp: 10358
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.560 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

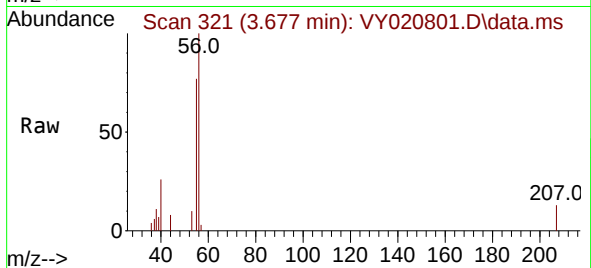
Tgt Ion: 96 Resp: 29145
Ion Ratio Lower Upper
96 100
61 151.2 117.8 176.8
98 59.7 51.9 77.9



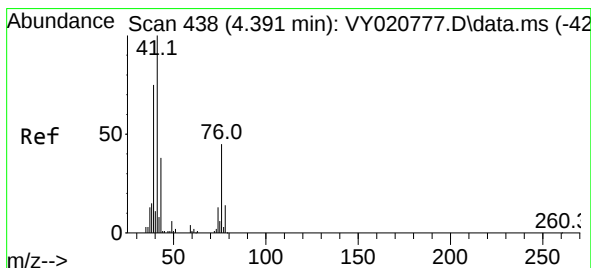
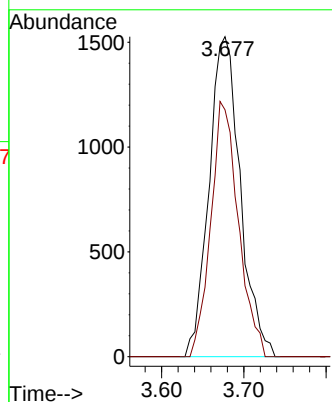
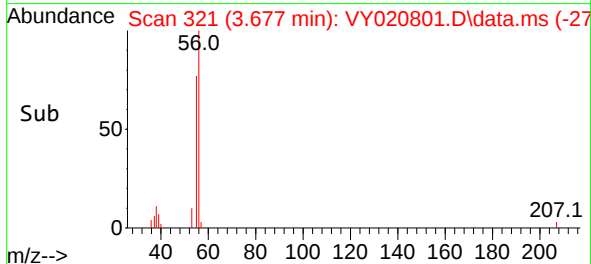


#13
Acrolein
Concen: 116.910 ug/l
RT: 3.677 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :

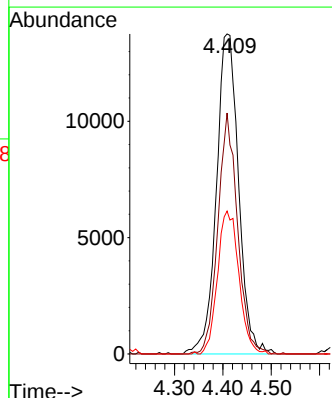
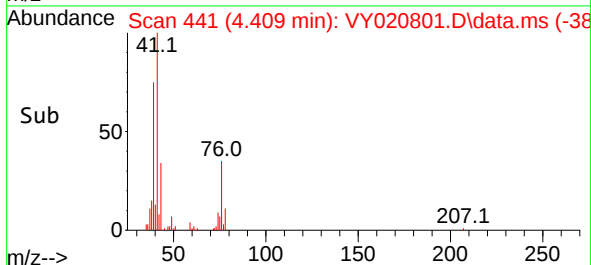
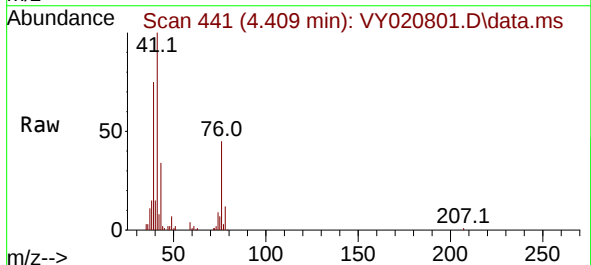


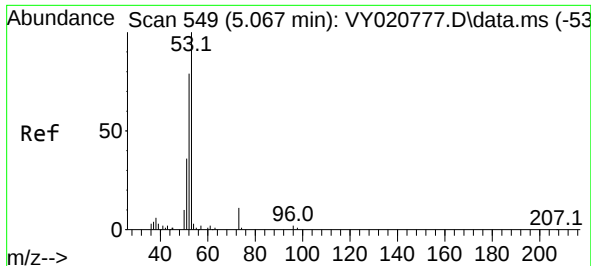
Tgt Ion: 56 Resp: 4029
Ion Ratio Lower Upper
56 100
55 70.3 58.1 87.1



#14
Allyl chloride
Concen: 20.402 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

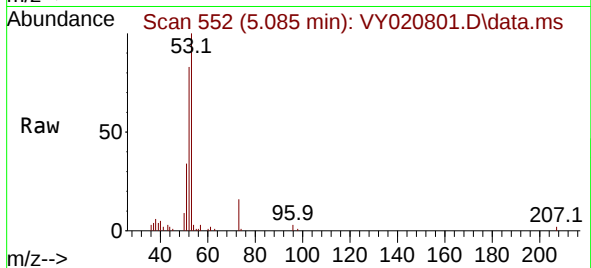
Tgt Ion: 41 Resp: 43858
Ion Ratio Lower Upper
41 100
39 66.7 57.5 86.3
76 43.1 35.6 53.4



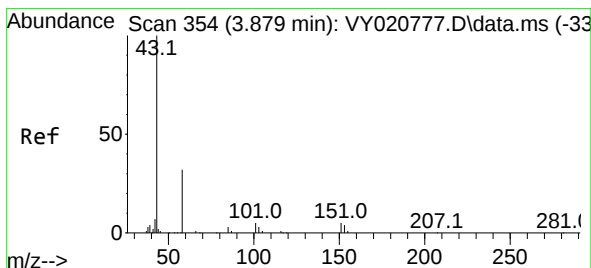
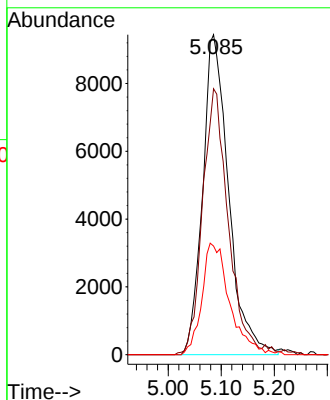
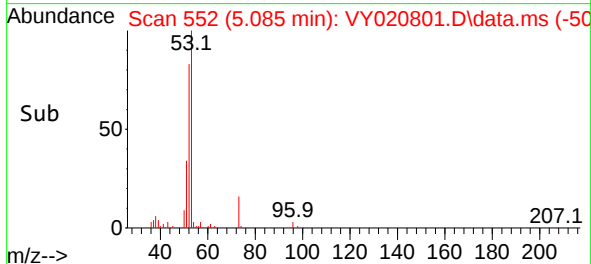


#15
Acrylonitrile
Concen: 95.755 ug/l
RT: 5.085 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

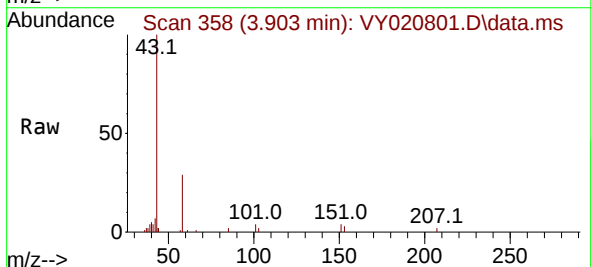
Instrument :
MSVOA_Y
ClientSampleId :



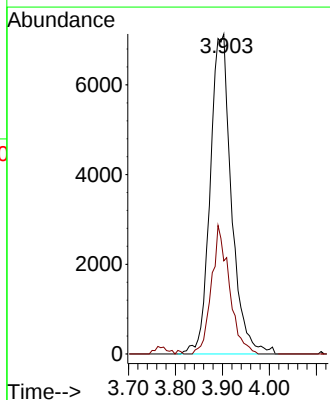
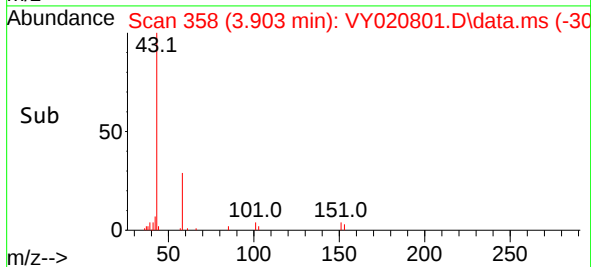
Tgt Ion: 53 Resp: 32059
Ion Ratio Lower Upper
53 100
52 81.6 64.3 96.5
51 37.5 29.3 43.9

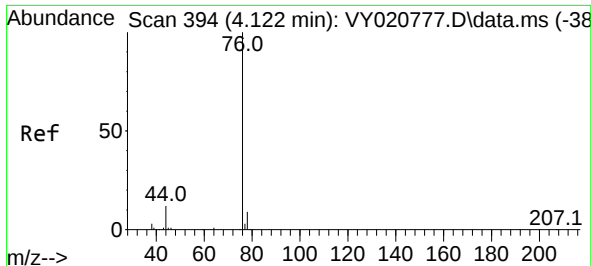


#16
Acetone
Concen: 96.912 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.024 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57



Tgt Ion: 43 Resp: 22381
Ion Ratio Lower Upper
43 100
58 29.1 26.7 40.1

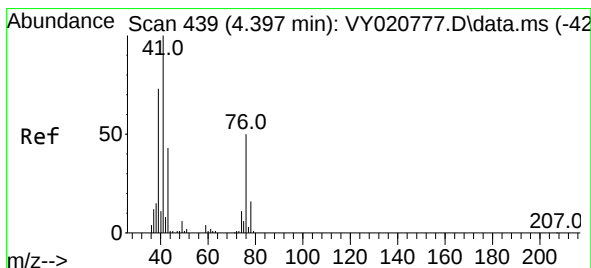
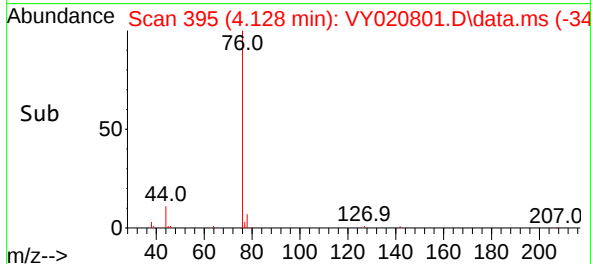
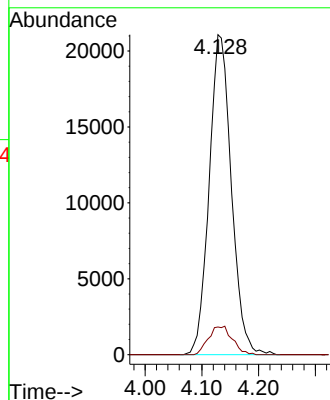
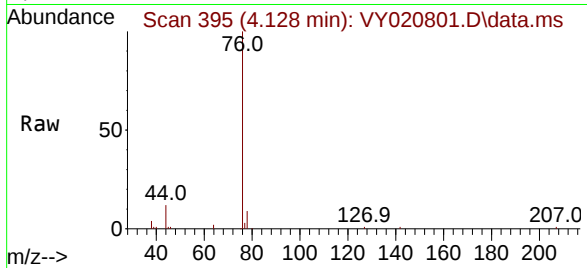




#17
Carbon Disulfide
Concen: 17.726 ug/l
RT: 4.128 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

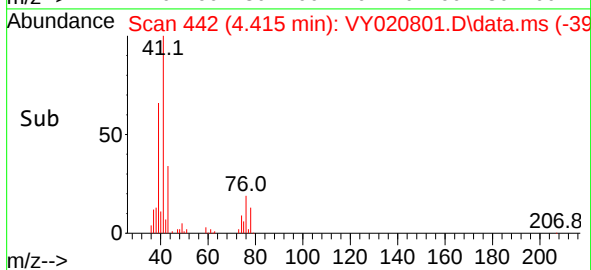
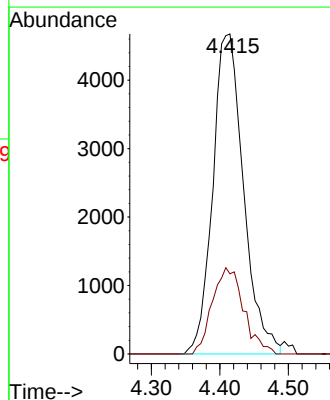
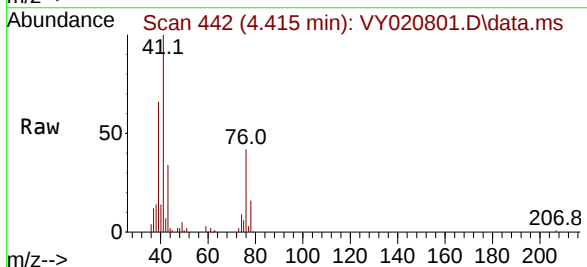
Instrument :
MSVOA_Y
ClientSampleId :

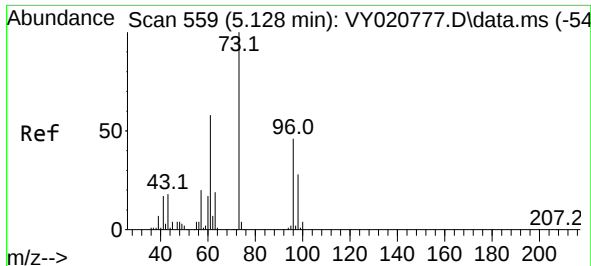
Tgt Ion: 76 Resp: 57297
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 18.670 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

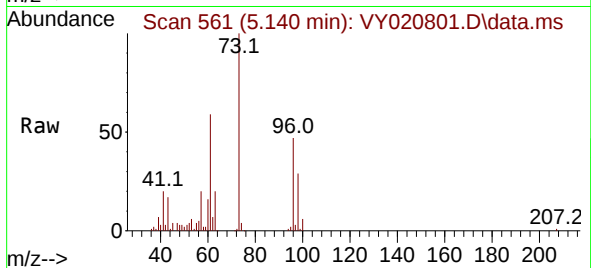
Tgt Ion: 43 Resp: 14558
Ion Ratio Lower Upper
43 100
74 27.6 23.0 34.6



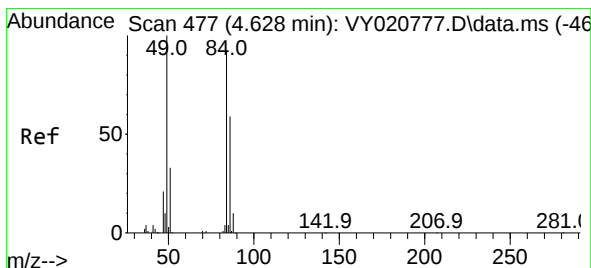
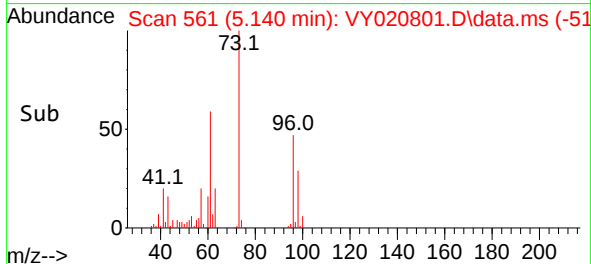
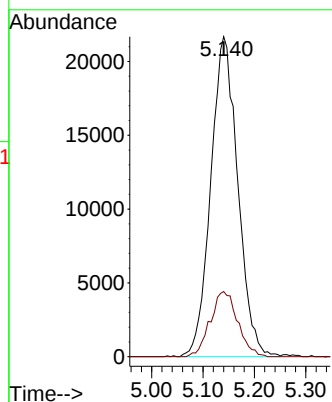


#19
Methyl tert-butyl Ether
Concen: 18.820 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :

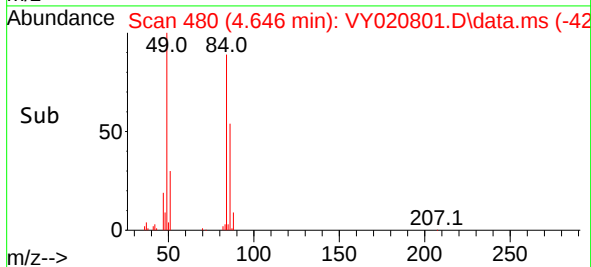
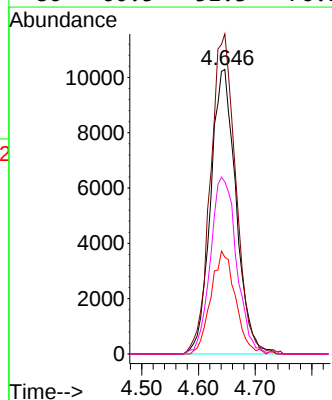
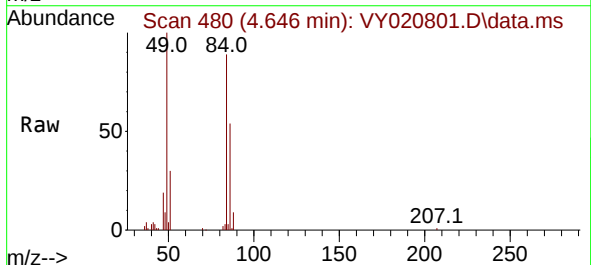


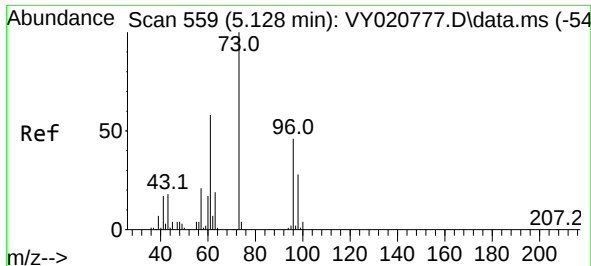
Tgt Ion: 73 Resp: 79140
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6



#20
Methylene Chloride
Concen: 20.050 ug/l
RT: 4.646 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 84 Resp: 31977
Ion Ratio Lower Upper
84 100
49 112.5 86.7 130.1
51 34.0 28.4 42.6
86 60.5 51.3 76.9

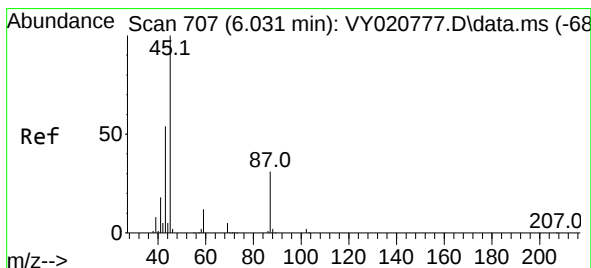
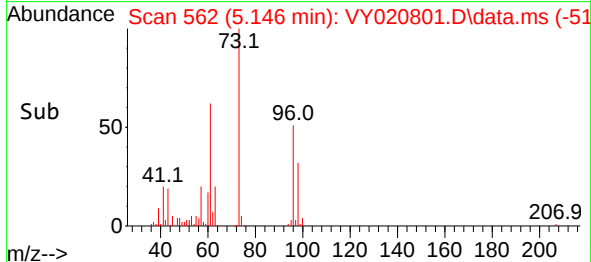
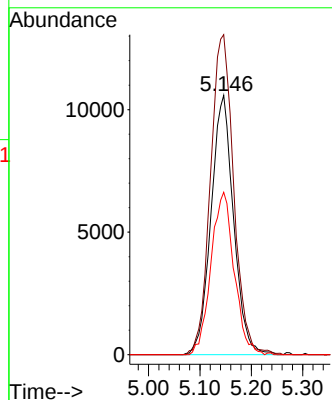
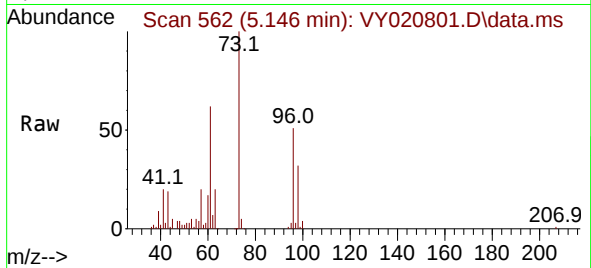




#21
trans-1,2-Dichloroethene
Concen: 19.648 ug/l
RT: 5.146 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

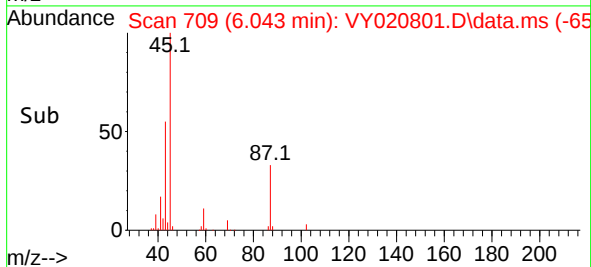
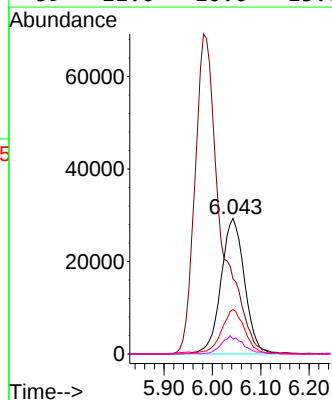
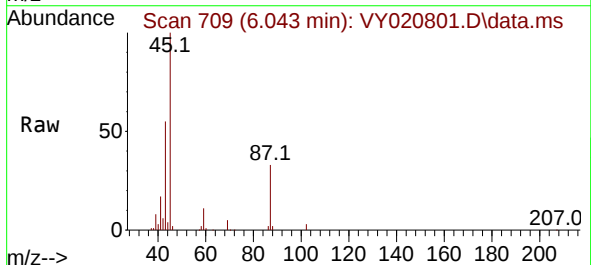
Instrument :
MSVOA_Y
ClientSampleId :

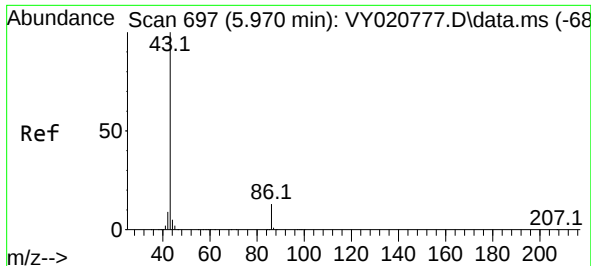
Tgt Ion: 96 Resp: 32240
Ion Ratio Lower Upper
96 100
61 123.4 101.6 152.4
98 62.6 49.4 74.2



#22
Diisopropyl ether
Concen: 21.600 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 45 Resp: 98914
Ion Ratio Lower Upper
45 100
43 54.7 43.9 65.9
87 32.6 25.3 37.9
59 11.0 10.0 15.0

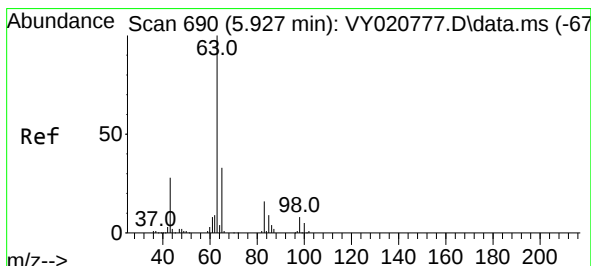
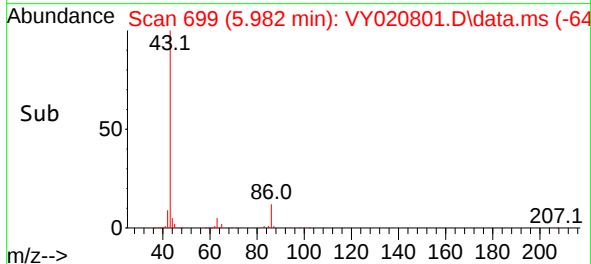
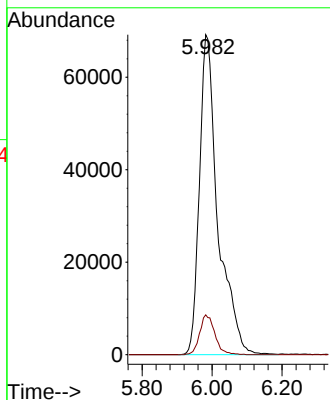
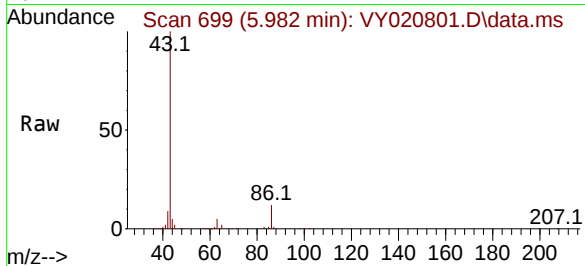




#23
 Vinyl Acetate
 Concen: 100.652 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

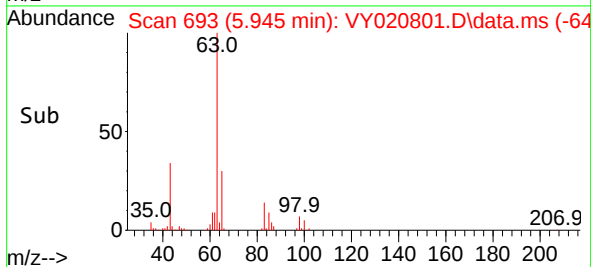
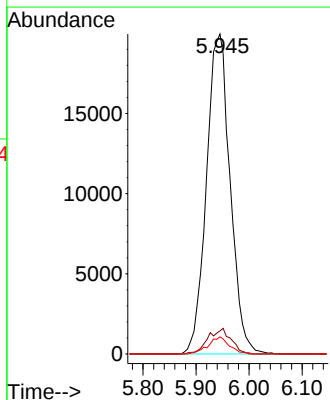
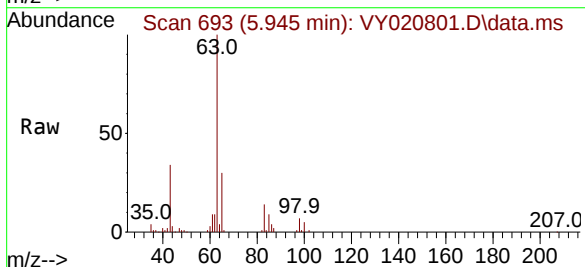
Instrument :
 MSVOA_Y
 ClientSampleId :

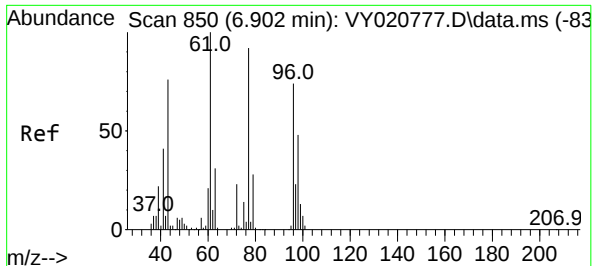
Tgt Ion: 43 Resp: 254134
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 20.522 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.018 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

Tgt Ion: 63 Resp: 62003
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 93.961 ug/l

RT: 6.920 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

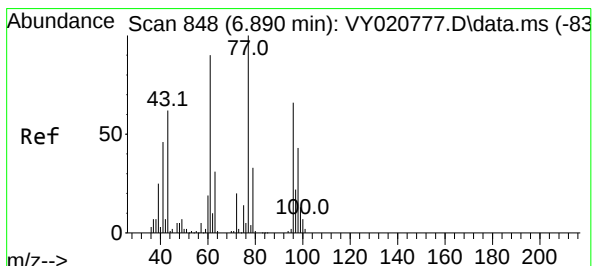
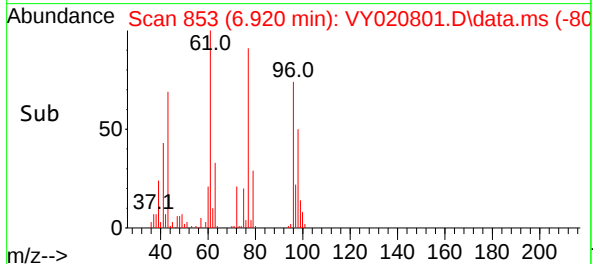
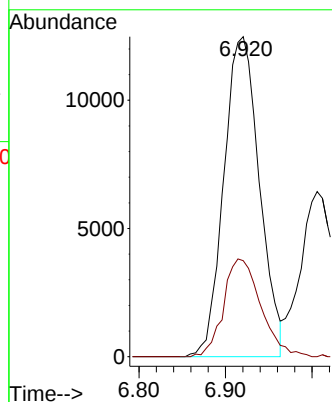
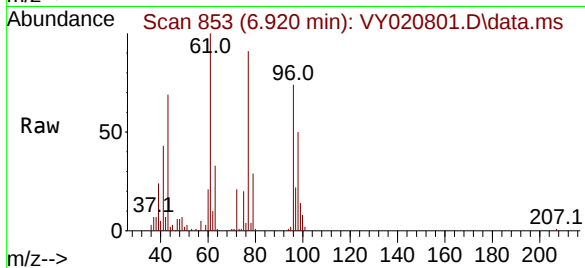
ClientSampleId :

Tgt Ion: 43 Resp: 35645

Ion Ratio Lower Upper

43 100

72 30.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 19.228 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY020801.D

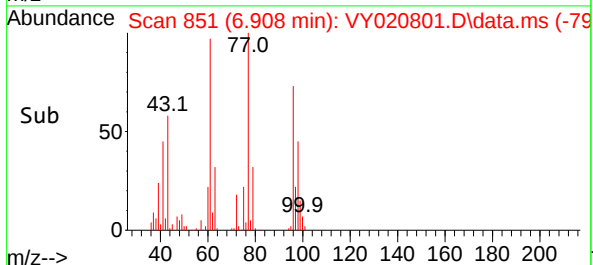
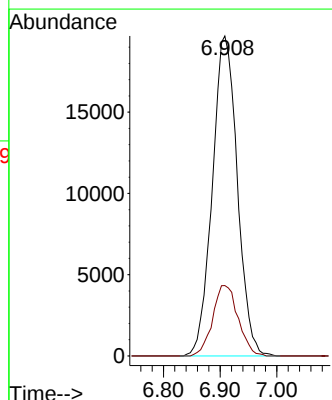
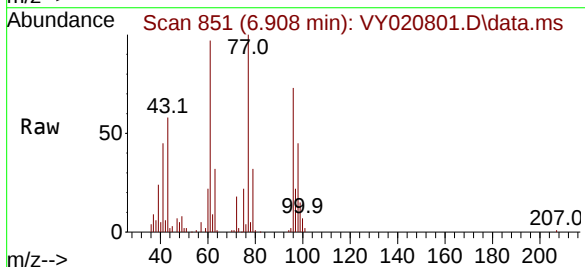
Acq: 08 Jan 2025 10:57

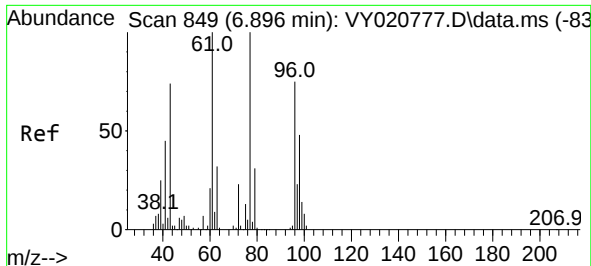
Tgt Ion: 77 Resp: 60314

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.679 ug/l

RT: 6.914 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

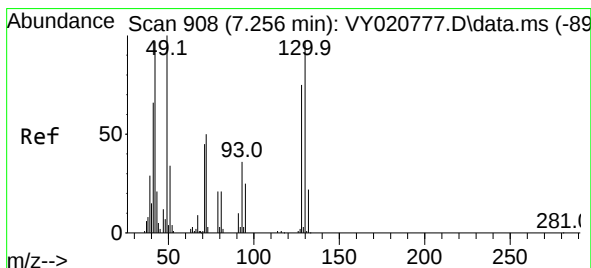
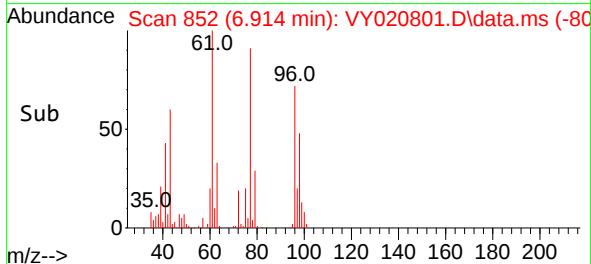
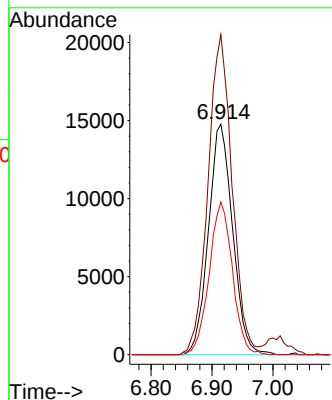
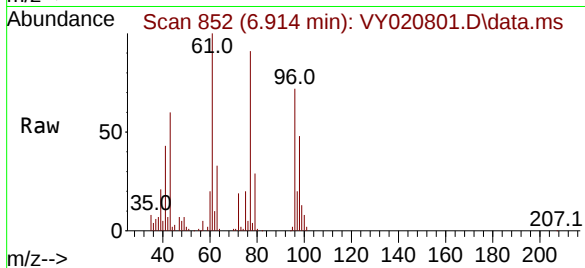
Tgt Ion: 96 Resp: 40742

Ion Ratio Lower Upper

96 100

61 138.4 0.0 271.4

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 18.765 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

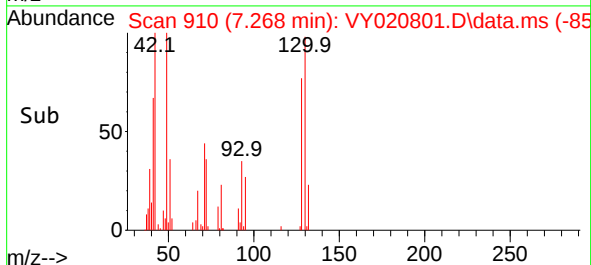
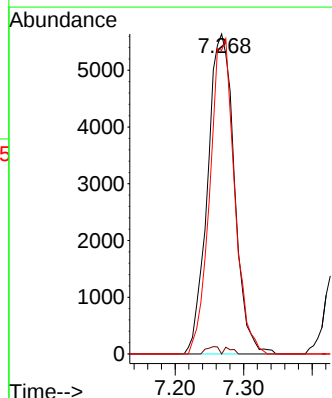
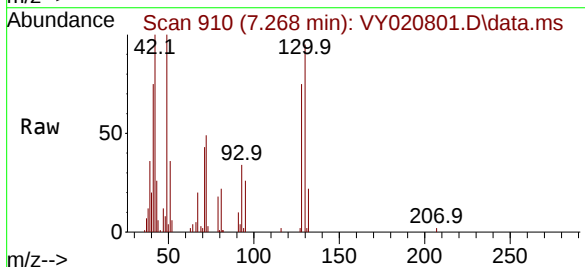
Tgt Ion: 49 Resp: 15298

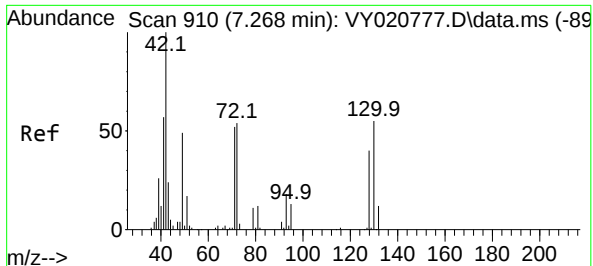
Ion Ratio Lower Upper

49 100

129 0.7 0.0 5.2

130 90.4 77.8 116.6





#29

Tetrahydrofuran

Concen: 97.629 ug/l

RT: 7.286 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

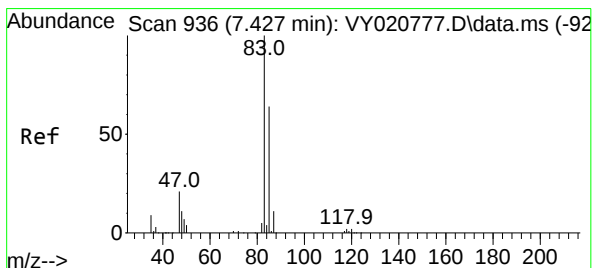
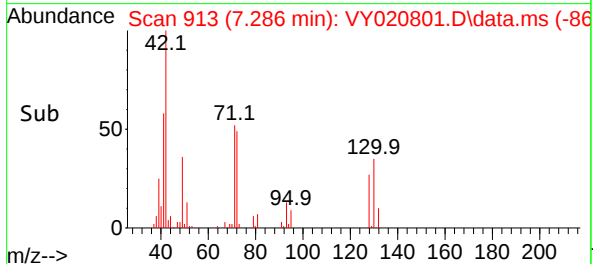
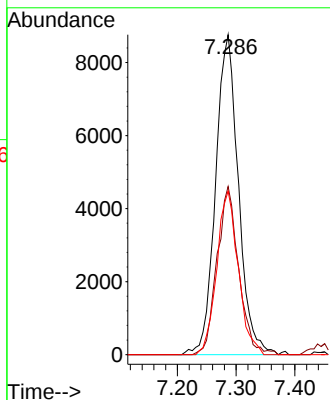
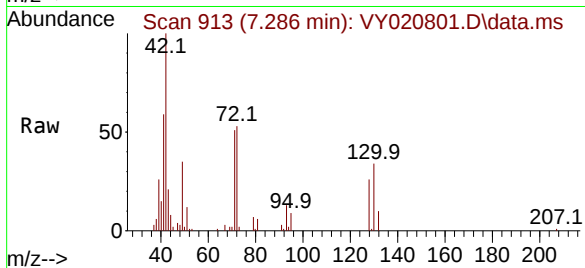
Tgt Ion: 42 Resp: 23659

Ion Ratio Lower Upper

42 100

72 50.0 41.8 62.6

71 48.0 39.8 59.8



#30

Chloroform

Concen: 20.024 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY020801.D

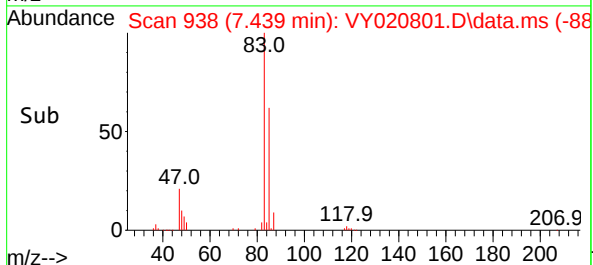
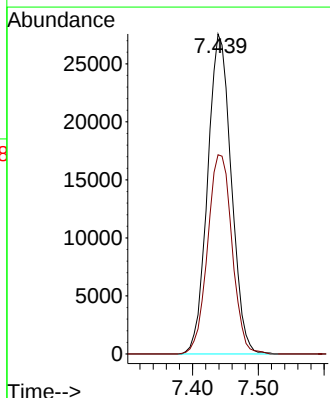
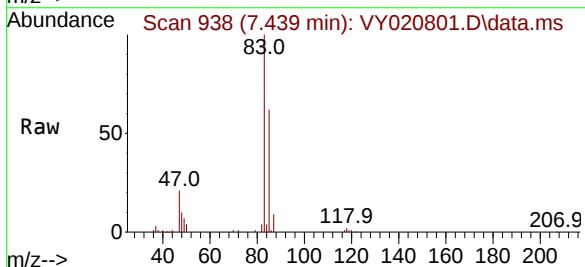
Acq: 08 Jan 2025 10:57

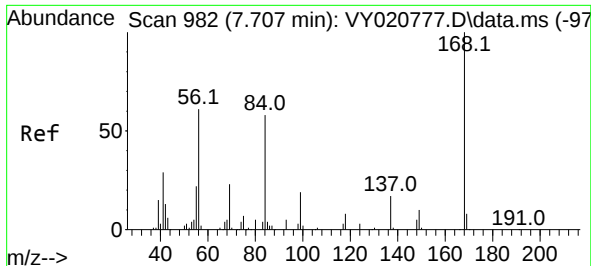
Tgt Ion: 83 Resp: 68992

Ion Ratio Lower Upper

83 100

85 62.2 51.1 76.7

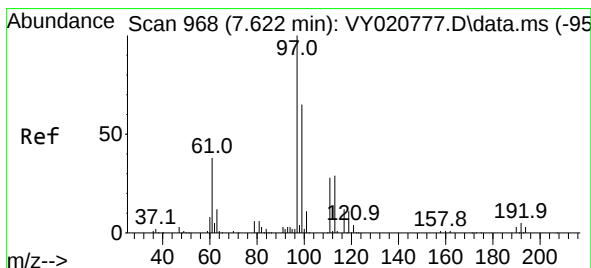
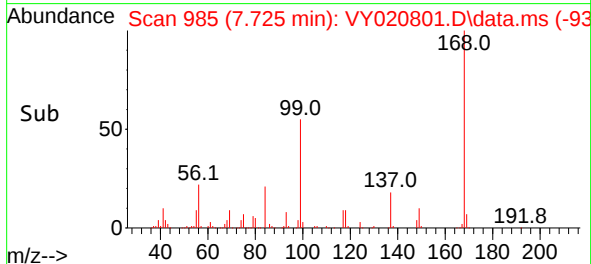
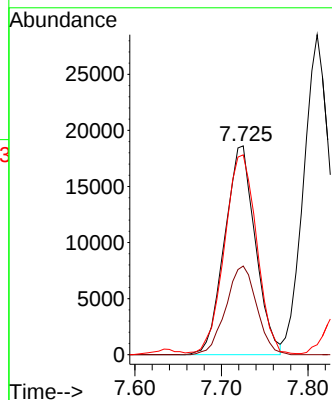
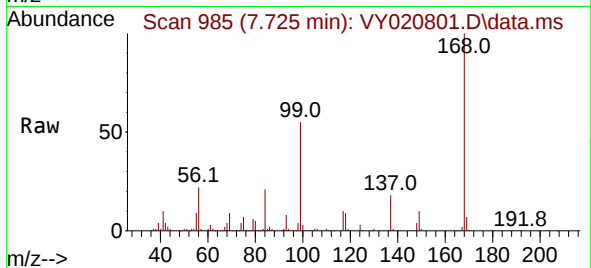




#31
Cyclohexane
Concen: 19.469 ug/l
RT: 7.725 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

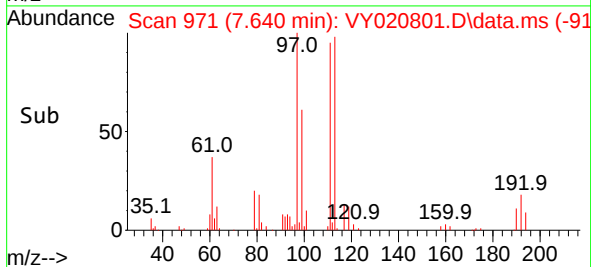
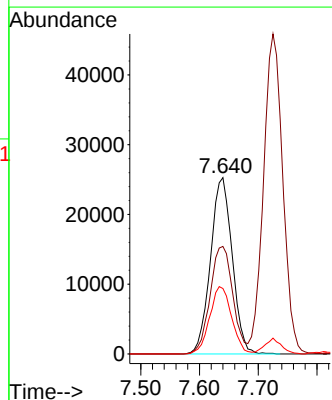
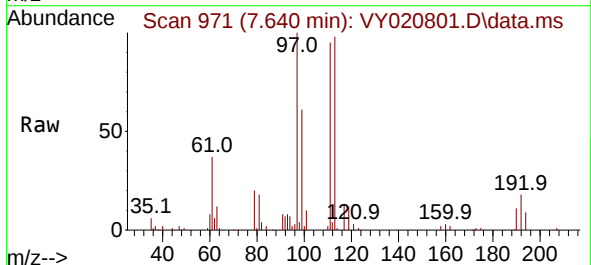
Instrument :
MSVOA_Y
ClientSampleId :

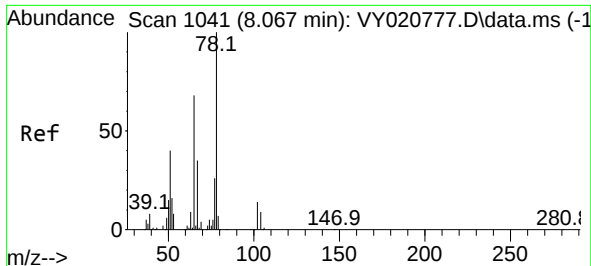
Tgt Ion: 56 Resp: 46008
Ion Ratio Lower Upper
56 100
69 42.5 30.5 45.7
84 94.2 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 19.336 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 97 Resp: 64982
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.5 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.538 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

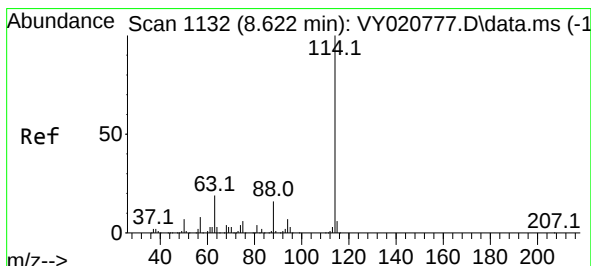
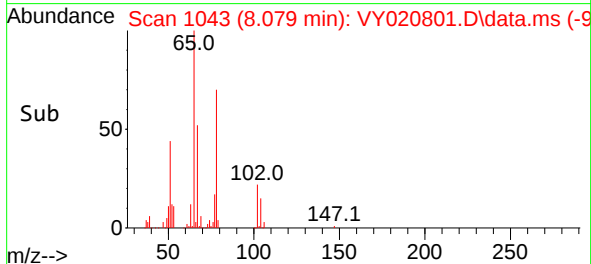
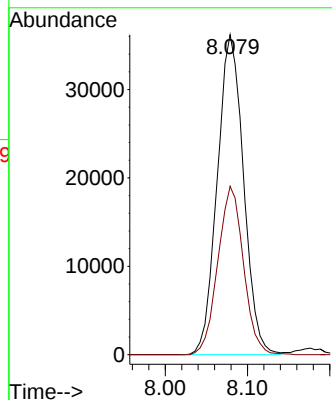
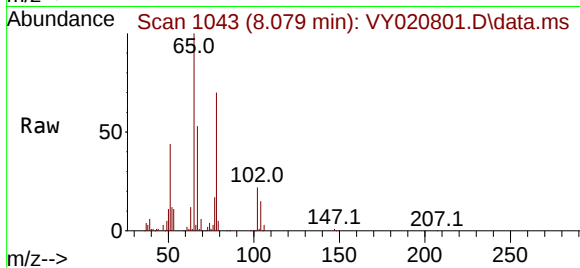
ClientSampleId :

Tgt Ion: 65 Resp: 80452

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

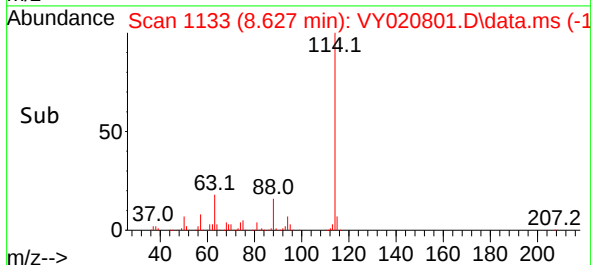
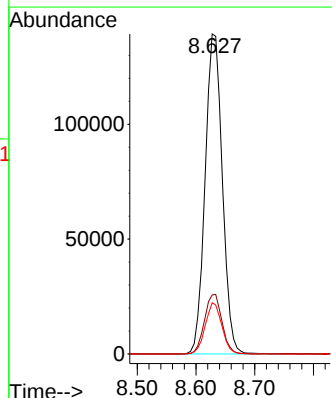
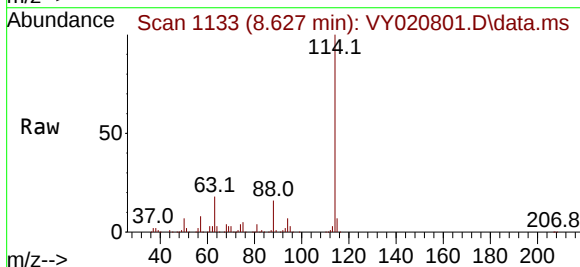
Tgt Ion: 114 Resp: 284373

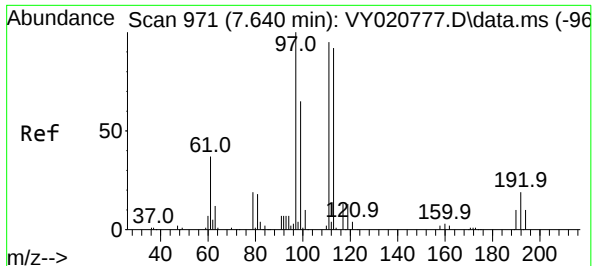
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

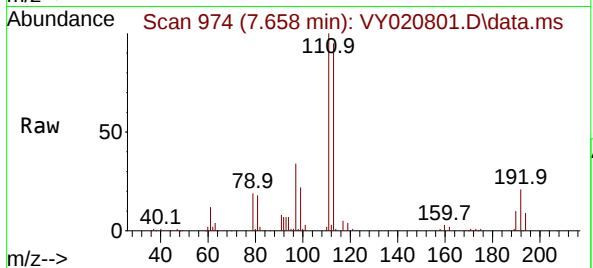
88 16.0 0.0 31.2



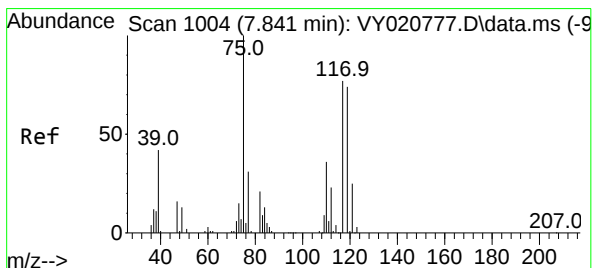
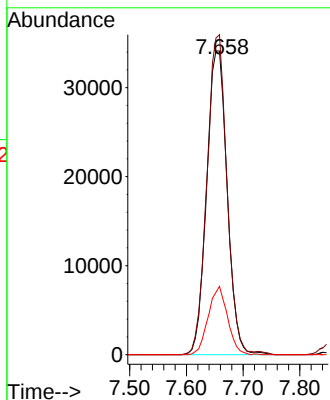
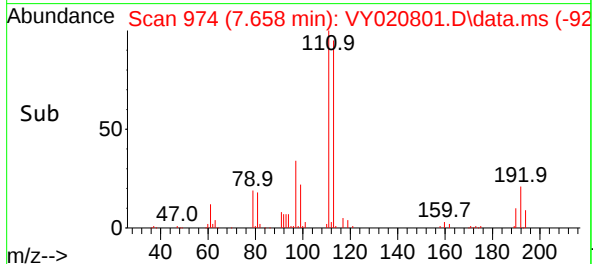


#35
Dibromofluoromethane
Concen: 48.289 ug/l
RT: 7.658 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

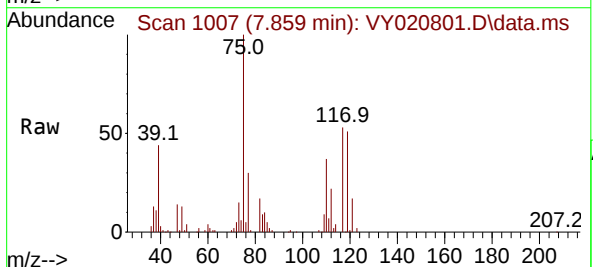
Instrument :
MSVOA_Y
ClientSampleId :



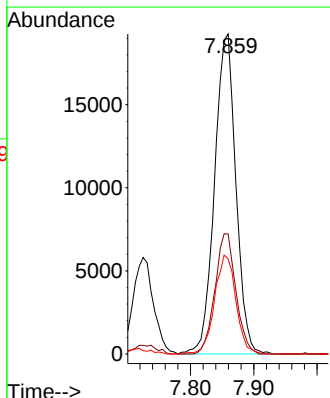
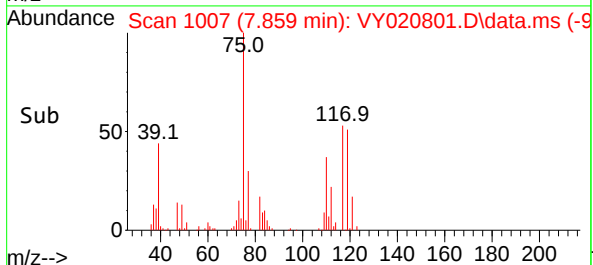
Tgt Ion:113 Resp: 86030
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 21.0 16.7 25.1

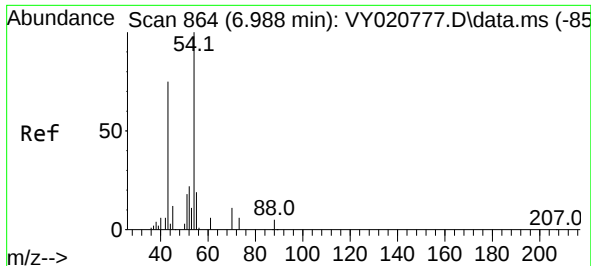


#36
1,1-Dichloropropene
Concen: 19.800 ug/l
RT: 7.859 min Scan# 1007
Delta R.T. 0.018 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57



Tgt Ion: 75 Resp: 44993
Ion Ratio Lower Upper
75 100
110 36.8 18.5 55.5
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.498 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

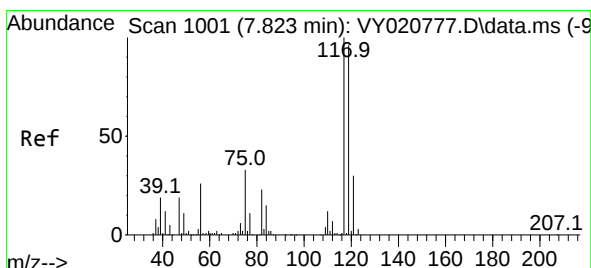
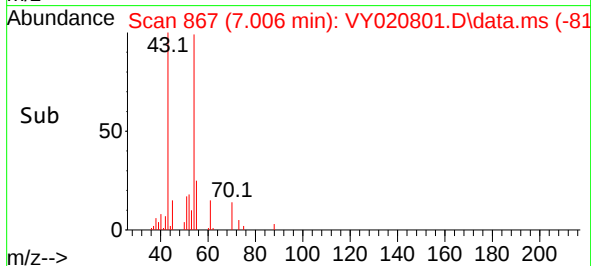
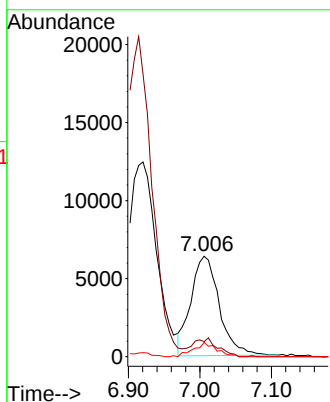
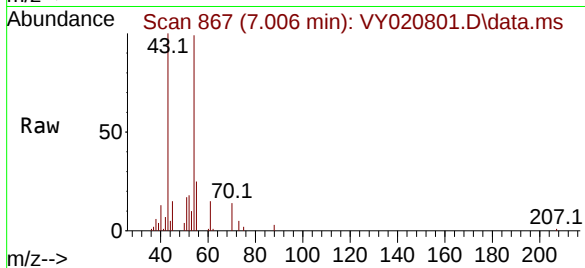
Tgt Ion: 43 Resp: 17632

Ion Ratio Lower Upper

43 100

61 16.6 11.8 17.6

70 11.5 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.925 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

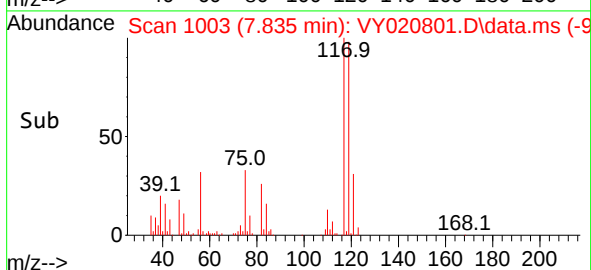
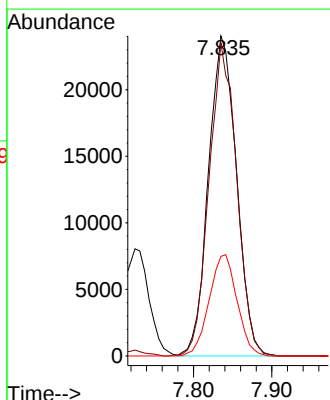
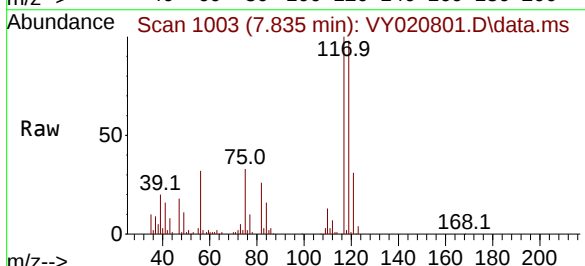
Tgt Ion: 117 Resp: 59863

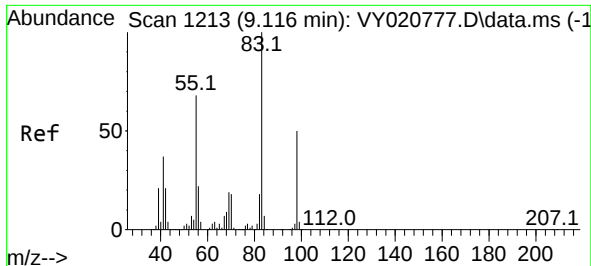
Ion Ratio Lower Upper

117 100

119 97.8 76.5 114.7

121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 19.219 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

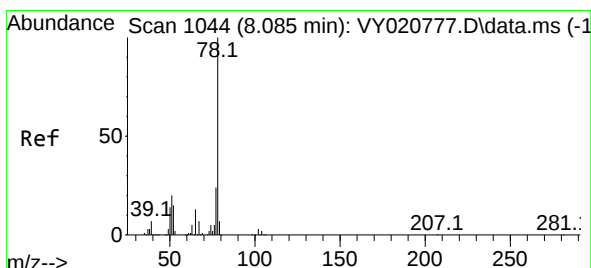
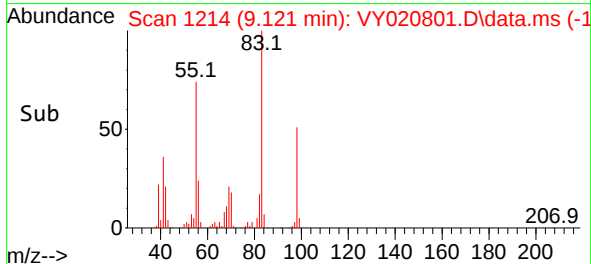
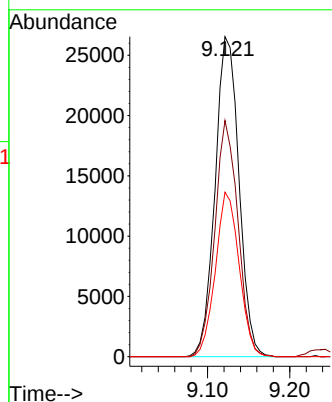
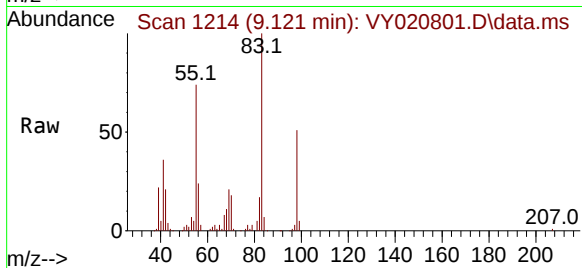
Tgt Ion: 83 Resp: 53591

Ion Ratio Lower Upper

83 100

55 73.8 54.8 82.2

98 51.4 40.0 60.0



#40

Benzene

Concen: 20.132 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY020801.D

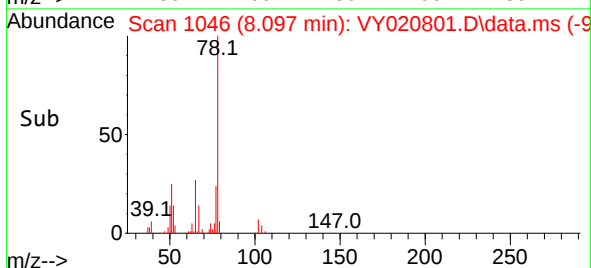
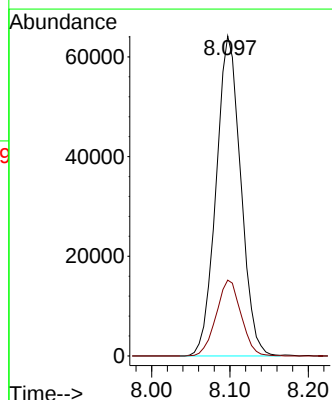
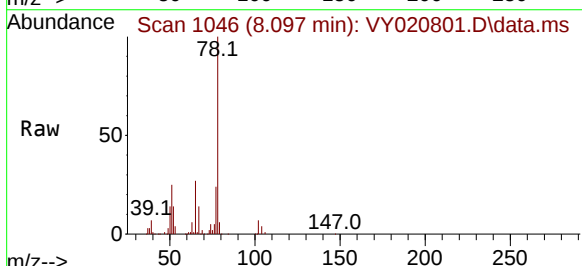
Acq: 08 Jan 2025 10:57

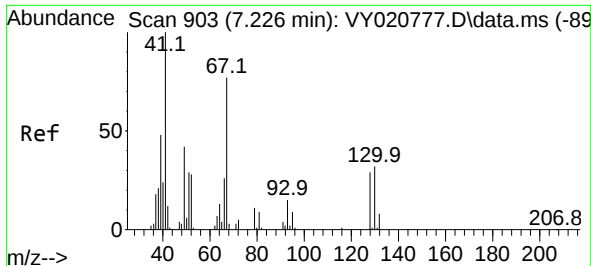
Tgt Ion: 78 Resp: 140409

Ion Ratio Lower Upper

78 100

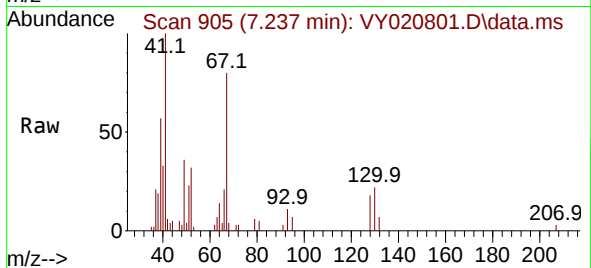
77 23.7 19.4 29.2



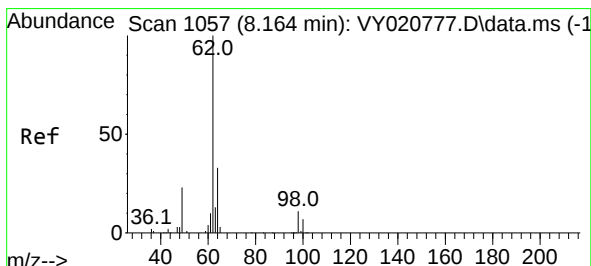
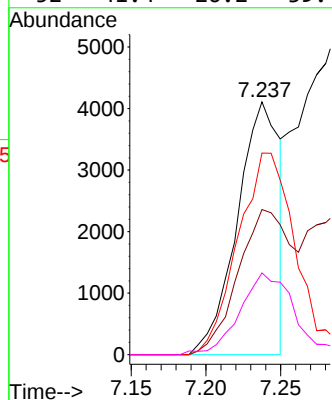
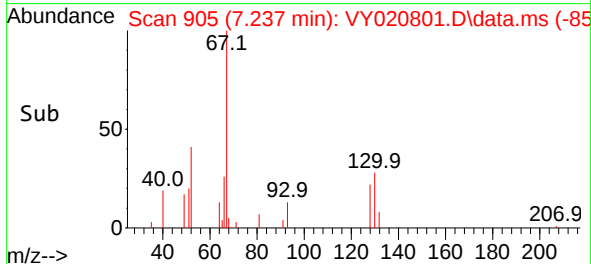


#41
Methacrylonitrile
Concen: 15.656 ug/l
RT: 7.237 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :

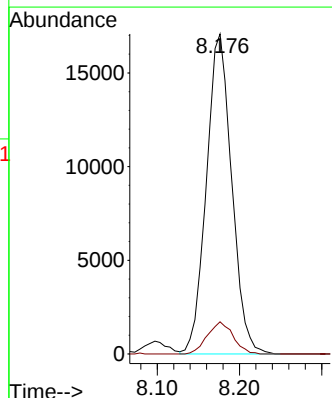
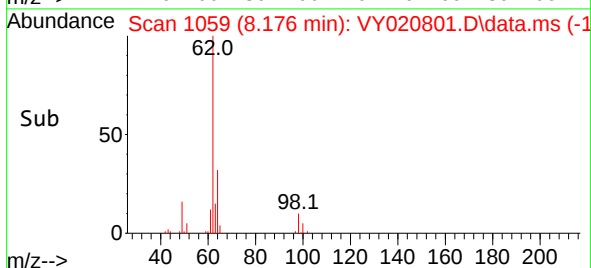
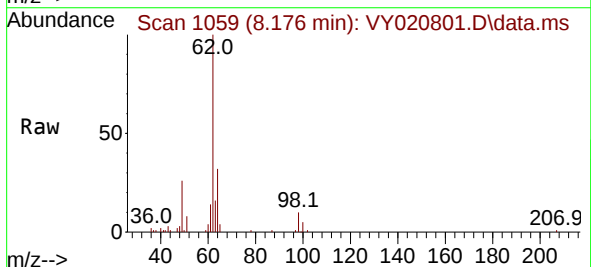


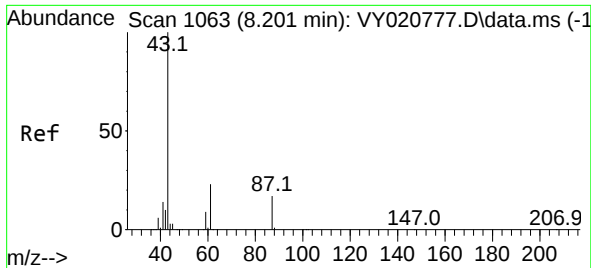
Tgt Ion: 41 Resp: 8108
Ion Ratio Lower Upper
41 100
39 73.5 42.4 63.6#
67 108.8 67.8 101.8#
52 41.4 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 19.190 ug/l
RT: 8.176 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

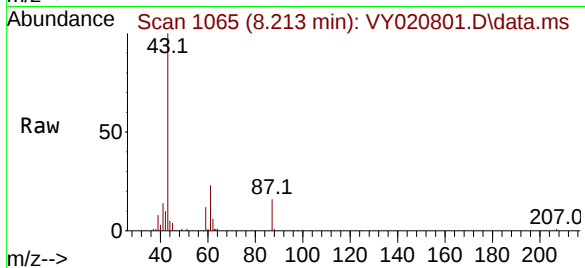
Tgt Ion: 62 Resp: 36550
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6



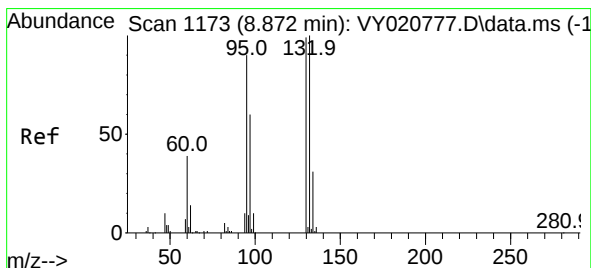
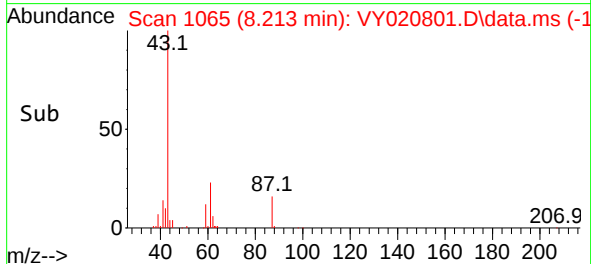
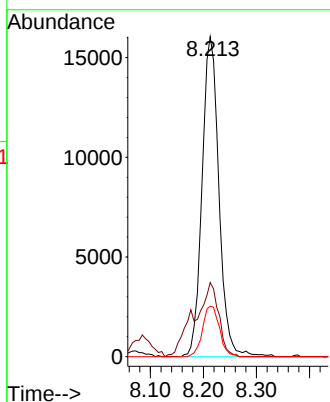


#43
Isopropyl Acetate
Concen: 19.302 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :

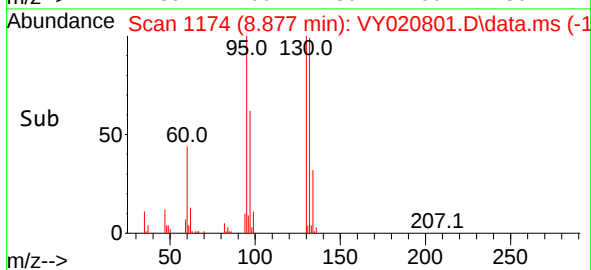
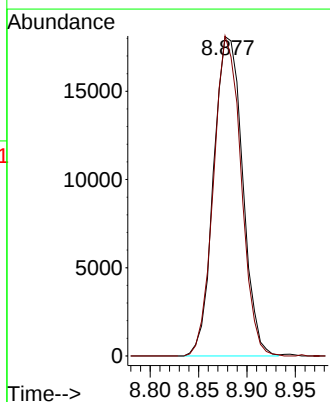
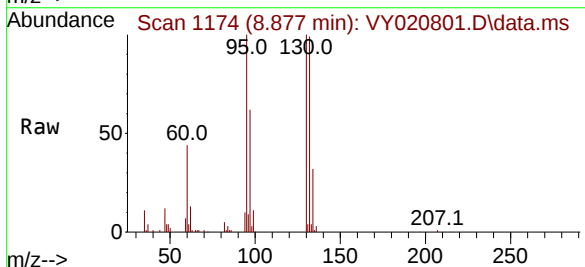


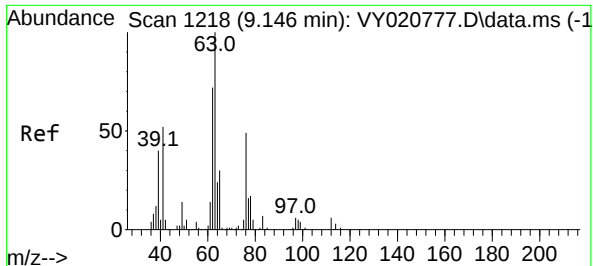
Tgt Ion: 43 Resp: 35502
Ion Ratio Lower Upper
43 100
61 21.9 26.5 39.7#
87 15.8 13.4 20.0



#44
Trichloroethene
Concen: 19.339 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion:130 Resp: 37598
Ion Ratio Lower Upper
130 100
95 100.2 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.823 ug/l

RT: 9.158 min Scan# 1220

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

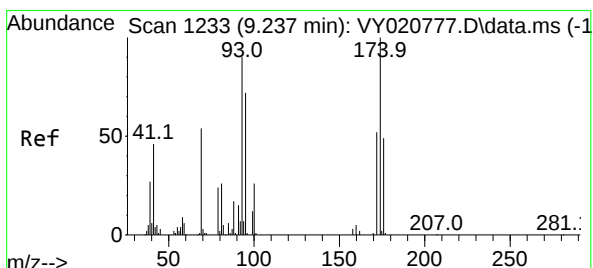
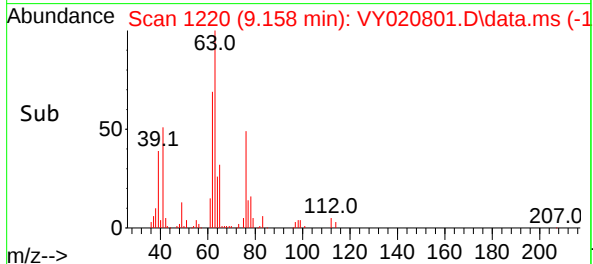
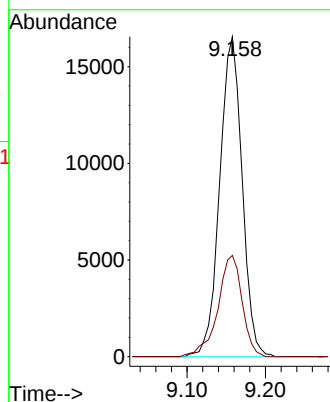
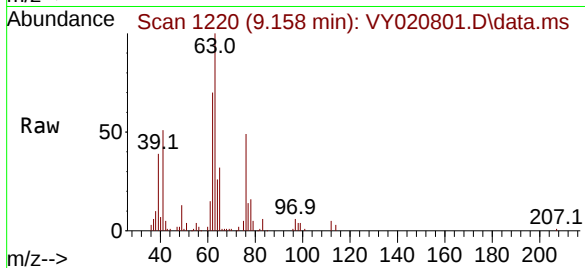
ClientSampleId :

Tgt Ion: 63 Resp: 32923

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#46

Dibromomethane

Concen: 19.825 ug/l

RT: 9.249 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

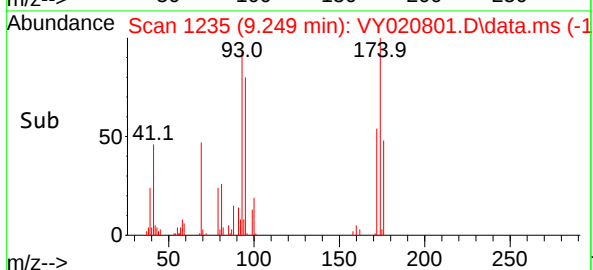
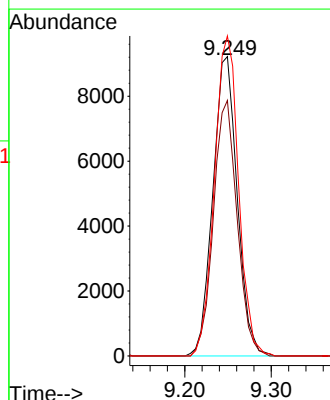
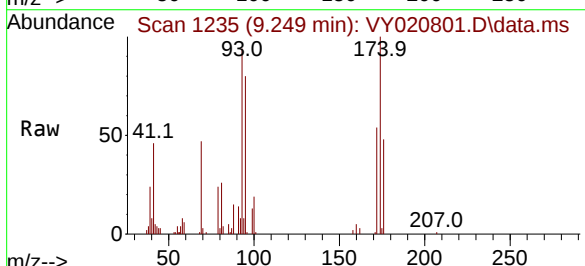
Tgt Ion: 93 Resp: 17999

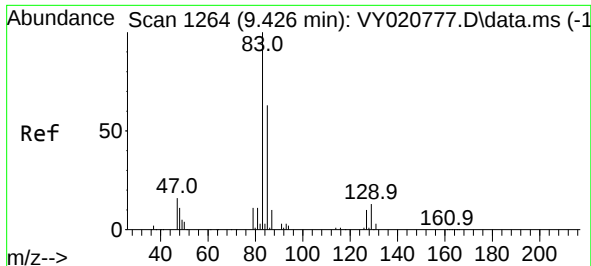
Ion Ratio Lower Upper

93 100

95 83.2 68.2 102.4

174 106.0 89.0 133.6

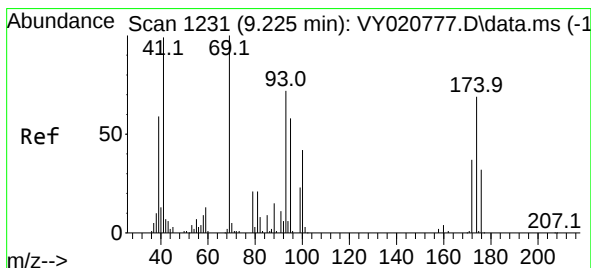
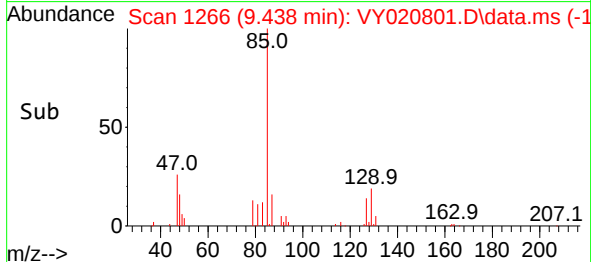
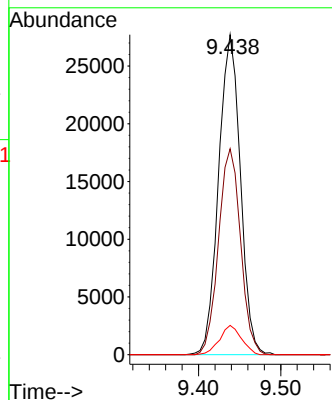
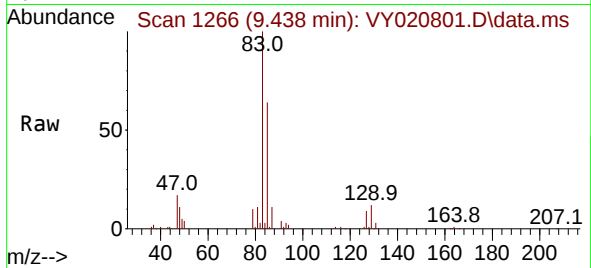




#47
Bromodichloromethane
Concen: 19.650 ug/l
RT: 9.438 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

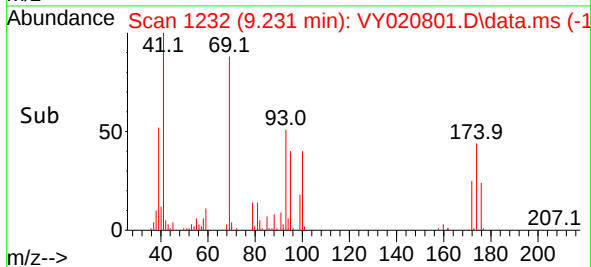
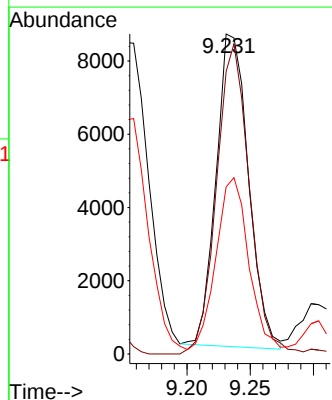
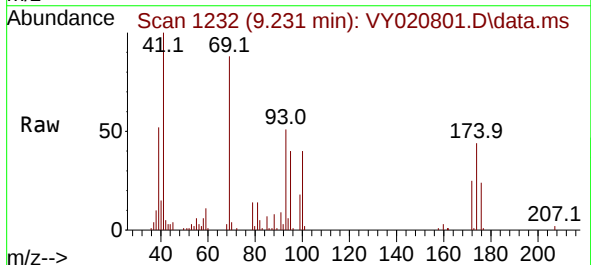
Instrument :
MSVOA_Y
ClientSampleId :

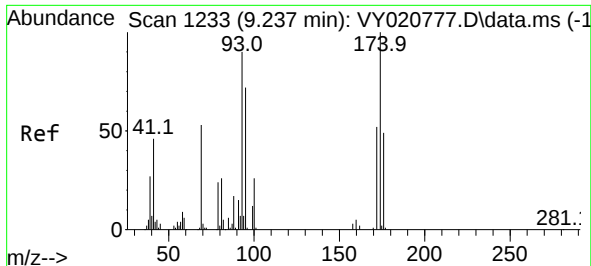
Tgt Ion: 83 Resp: 51094
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1
127 9.2 7.9 11.9



#48
Methyl methacrylate
Concen: 18.407 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 41 Resp: 15178
Ion Ratio Lower Upper
41 100
69 101.0 78.9 118.3
39 58.3 44.6 67.0





#49

1,4-Dioxane

Concen: 392.234 ug/l

RT: 9.255 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

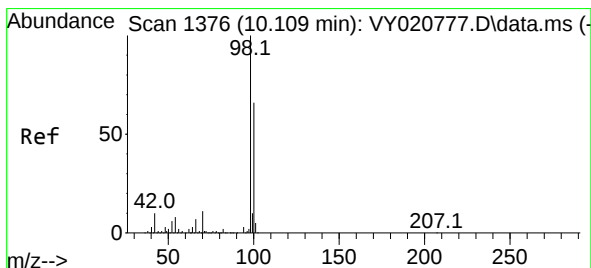
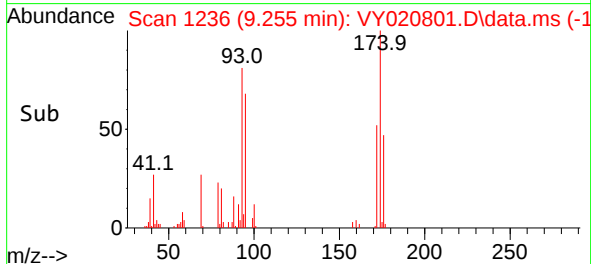
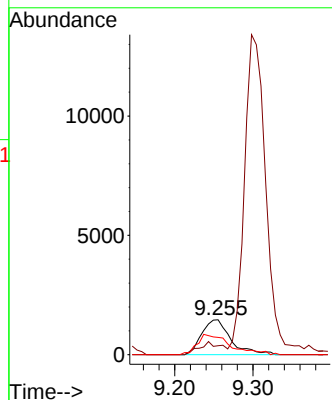
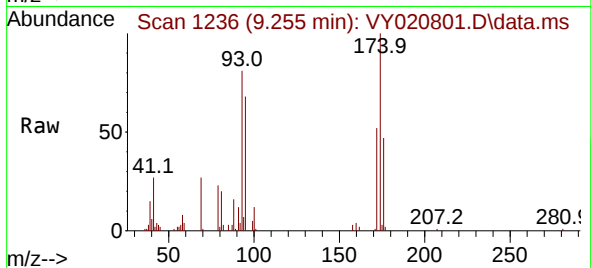
Tgt Ion: 88 Resp: 3781

Ion Ratio Lower Upper

88 100

43 21.4 24.4 36.6#

58 66.3 51.0 76.6



#50

Toluene-d8

Concen: 53.239 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY020801.D

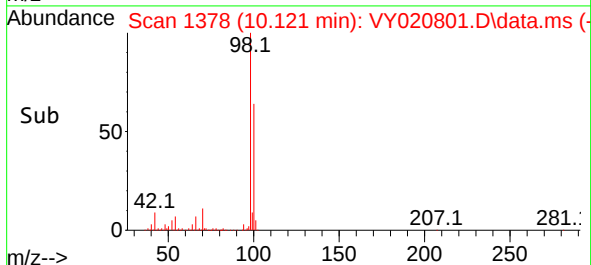
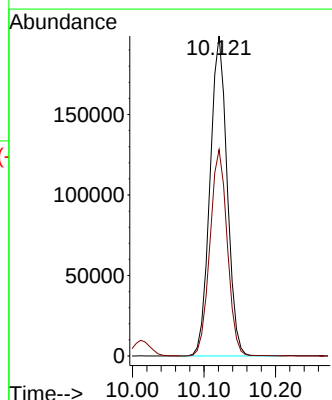
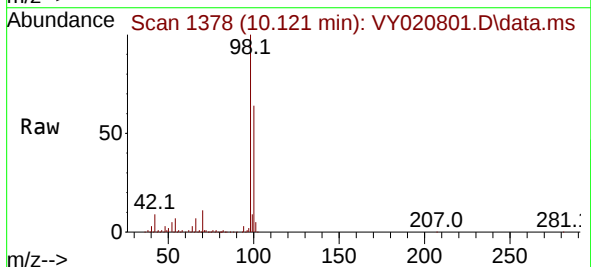
Acq: 08 Jan 2025 10:57

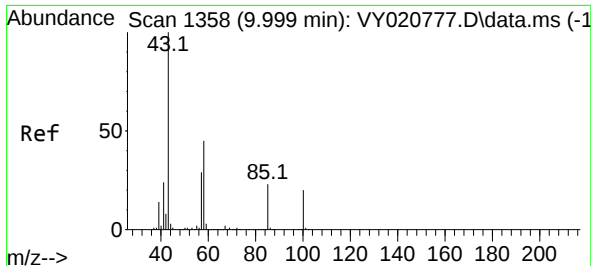
Tgt Ion: 98 Resp: 330646

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 95.361 ug/l

RT: 10.011 min Scan# 1360

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

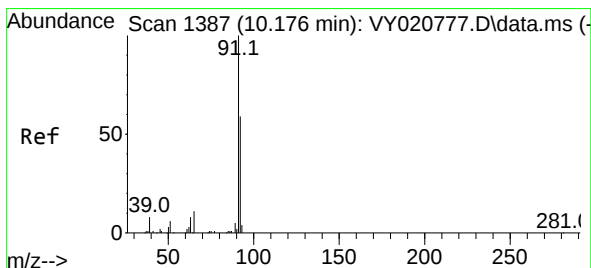
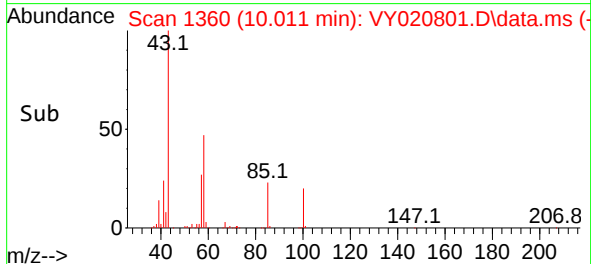
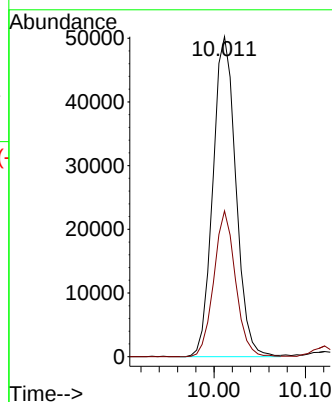
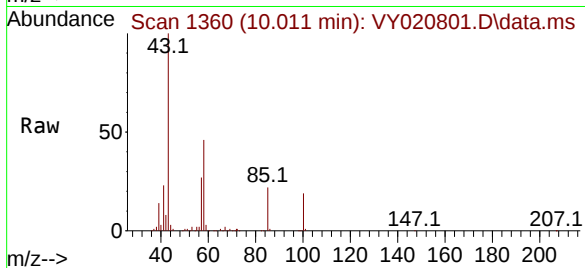
ClientSampleId :

Tgt Ion: 43 Resp: 87627

Ion Ratio Lower Upper

43 100

58 43.1 34.8 52.2



#52

Toluene

Concen: 20.105 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY020801.D

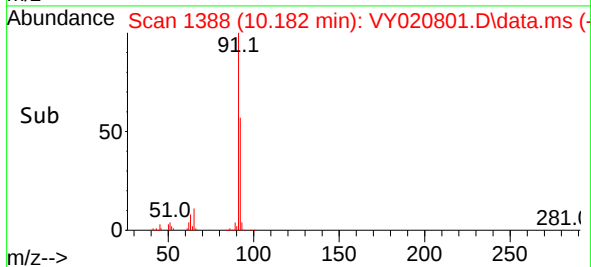
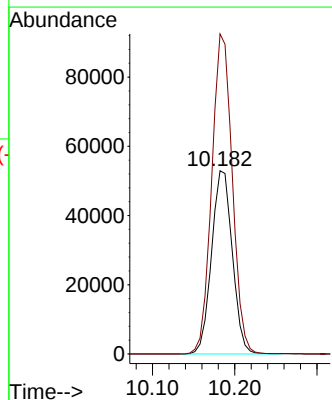
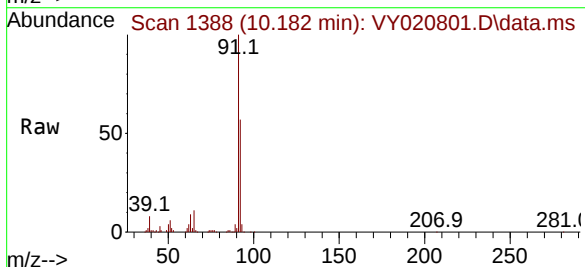
Acq: 08 Jan 2025 10:57

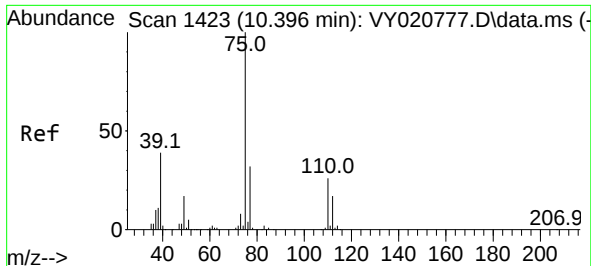
Tgt Ion: 92 Resp: 92853

Ion Ratio Lower Upper

92 100

91 172.9 136.6 204.8

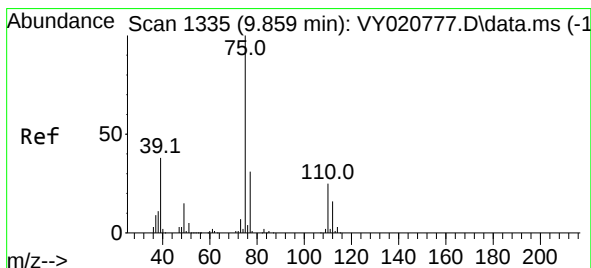
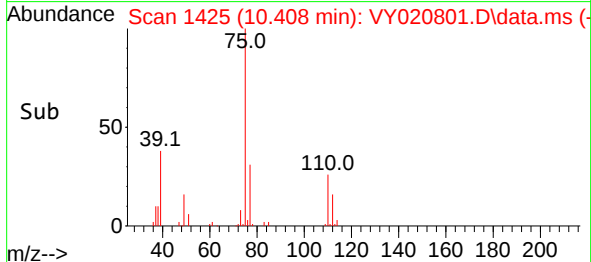
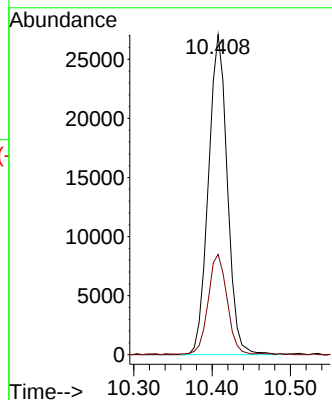
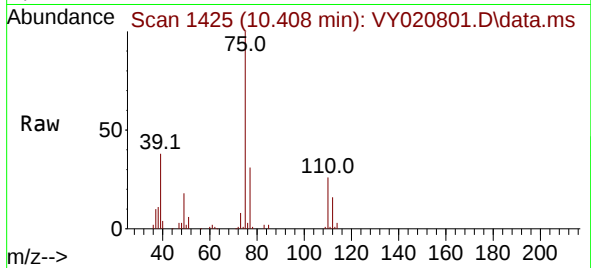




#53
 t-1,3-Dichloropropene
 Concen: 19.648 ug/l
 RT: 10.408 min Scan# 1423
 Delta R.T. 0.012 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

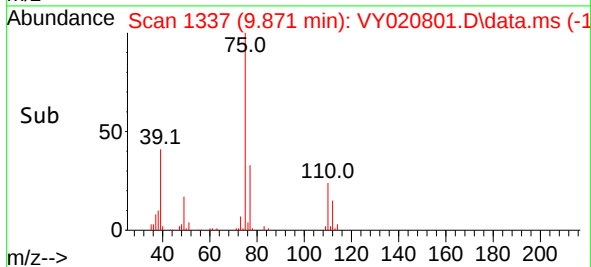
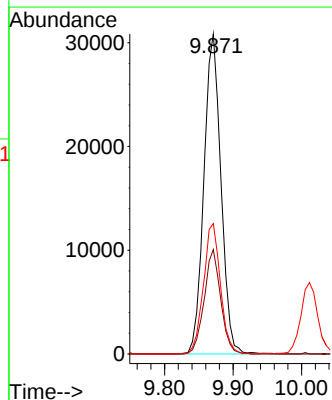
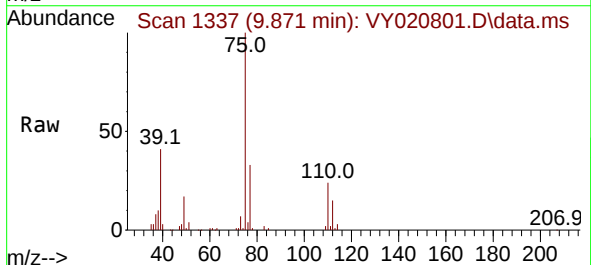
Instrument :
 MSVOA_Y
 ClientSampleId :

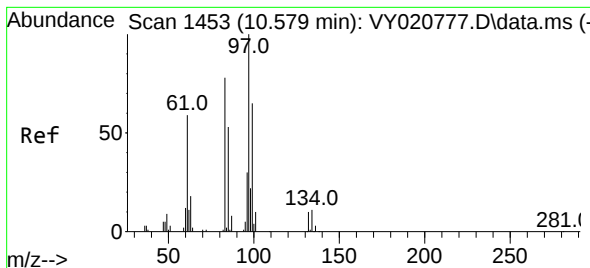
Tgt Ion: 75 Resp: 45438
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.886 ug/l
 RT: 9.871 min Scan# 1337
 Delta R.T. 0.012 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

Tgt Ion: 75 Resp: 53411
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7
 39 40.8 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 19.797 ug/l

RT: 10.584 min Scan# 1454

Delta R.T. 0.006 min

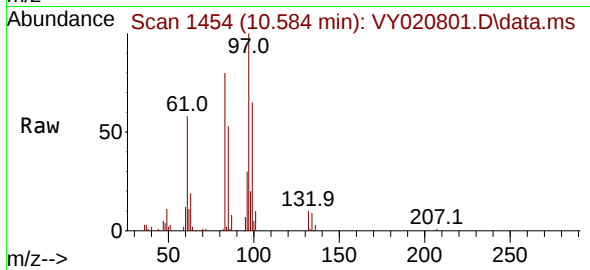
Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25678

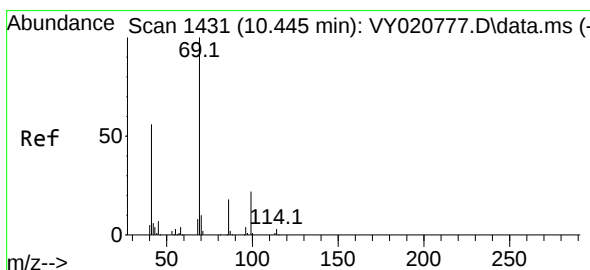
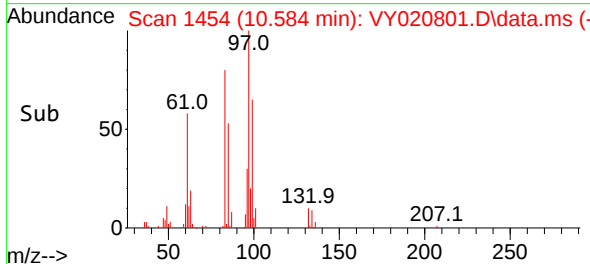
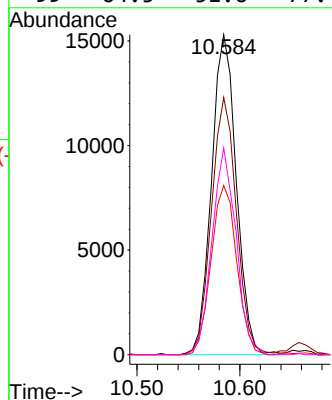
Ion Ratio Lower Upper

97 100

83 80.3 62.8 94.2

85 52.8 42.4 63.6

99 64.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 18.795 ug/l

RT: 10.450 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

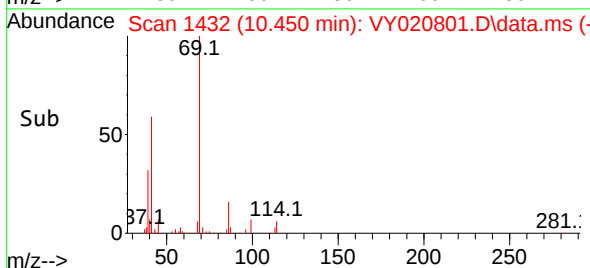
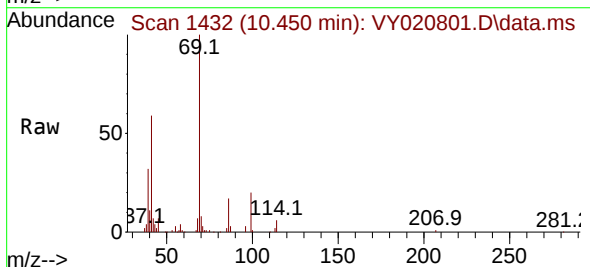
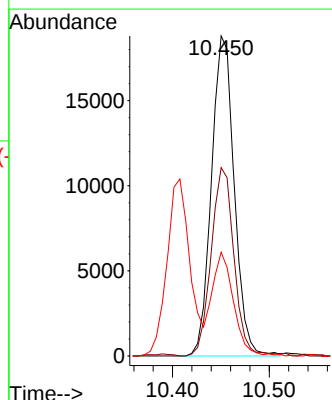
Tgt Ion: 69 Resp: 30788

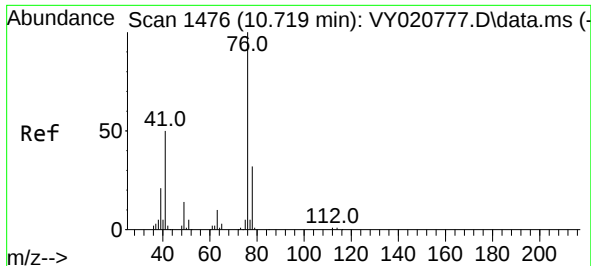
Ion Ratio Lower Upper

69 100

41 59.1 46.6 69.8

39 30.6 25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.968 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

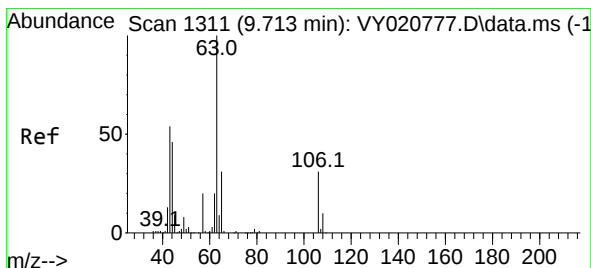
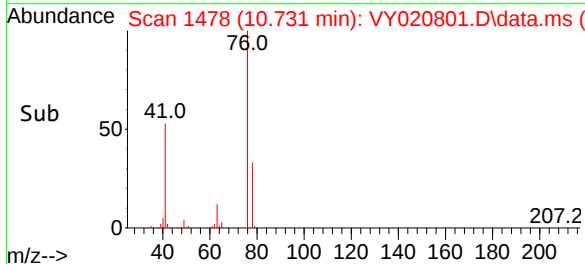
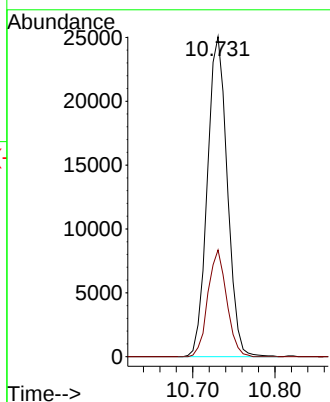
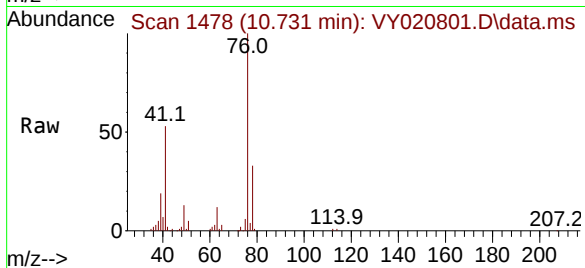
ClientSampleId :

Tgt Ion: 76 Resp: 42218

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.541 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020801.D

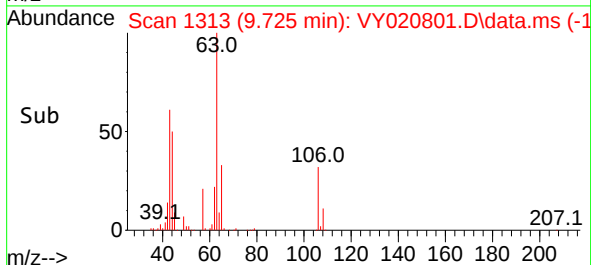
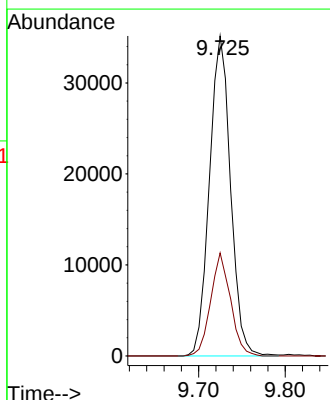
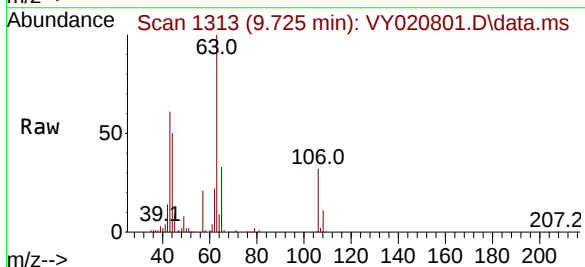
Acq: 08 Jan 2025 10:57

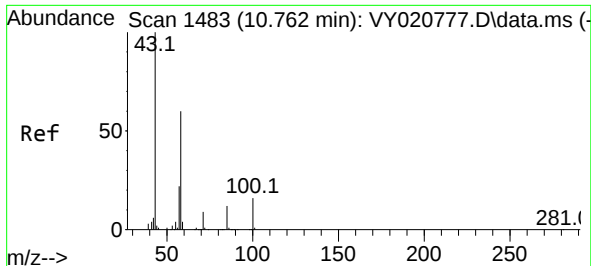
Tgt Ion: 63 Resp: 59488

Ion Ratio Lower Upper

63 100

106 30.3 25.9 38.9

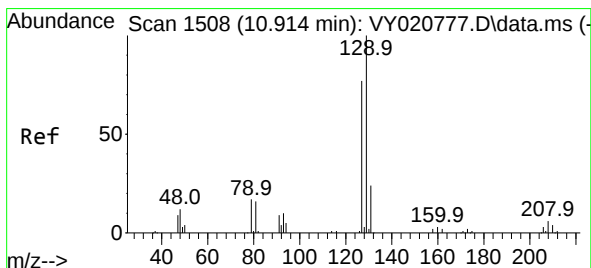
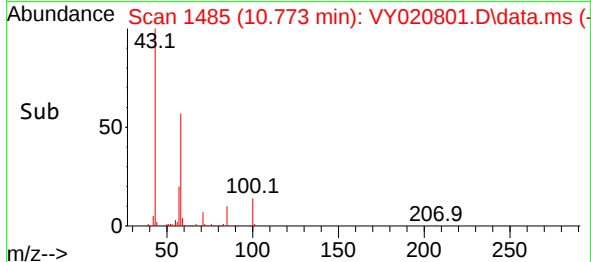
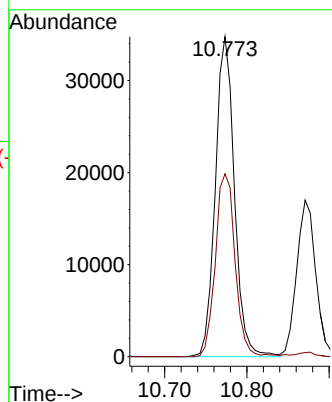
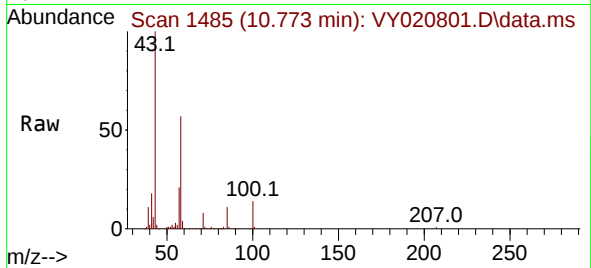




#59
2-Hexanone
Concen: 94.851 ug/l
RT: 10.773 min Scan# 1483
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

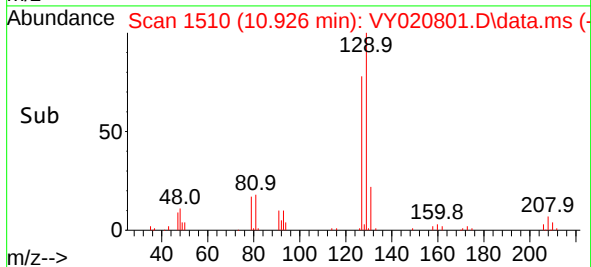
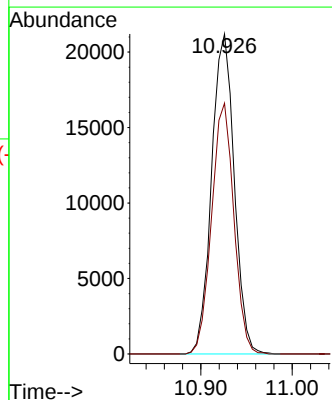
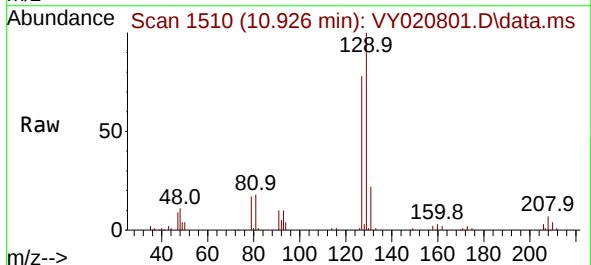
Instrument :
MSVOA_Y
ClientSampleId :

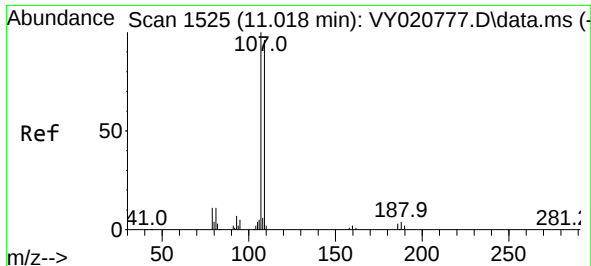
Tgt Ion: 43 Resp: 55916
Ion Ratio Lower Upper
43 100
58 59.2 30.6 92.0



#60
Dibromochloromethane
Concen: 19.398 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 129 Resp: 36491
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

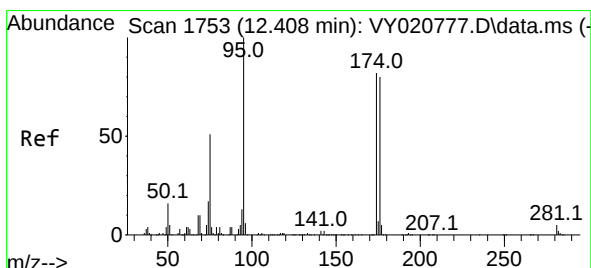
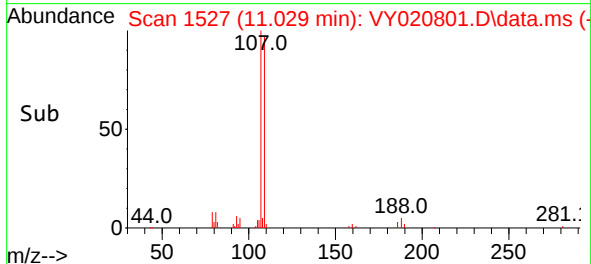
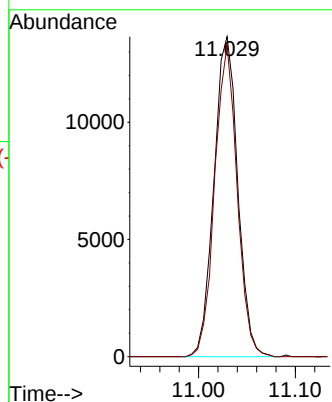
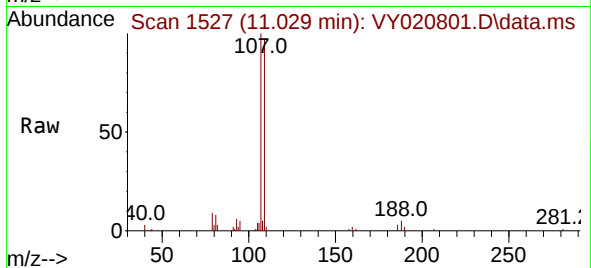




#61
1,2-Dibromoethane
Concen: 20.031 ug/l
RT: 11.029 min Scan# 1527
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

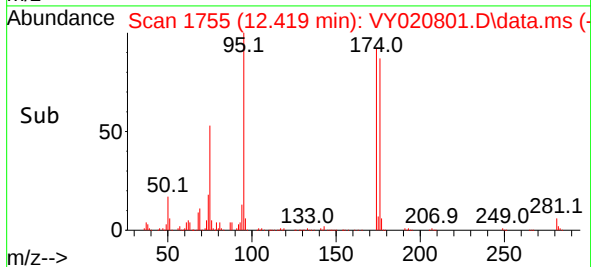
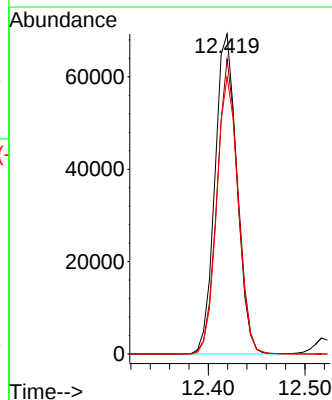
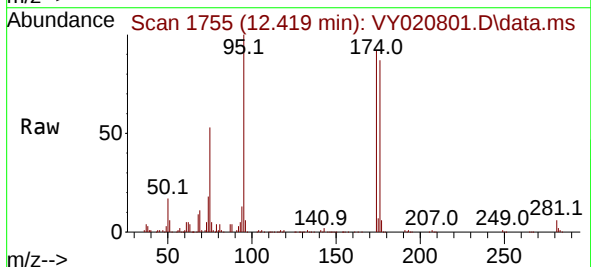
Instrument :
MSVOA_Y
ClientSampleId :

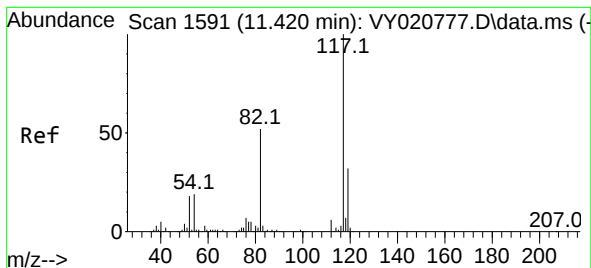
Tgt Ion:107 Resp: 23326
Ion Ratio Lower Upper
107 100
109 91.6 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 47.501 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 95 Resp: 108941
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.0
176 84.8 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

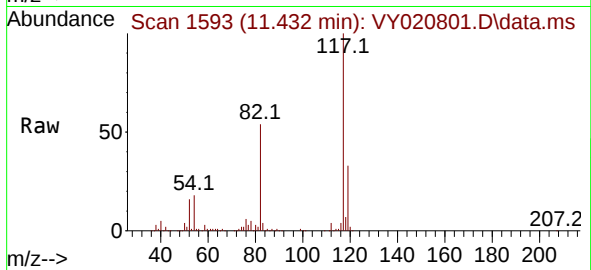
Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :



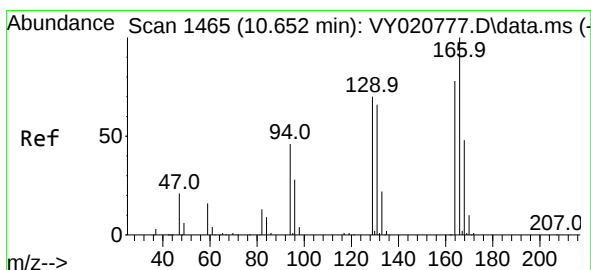
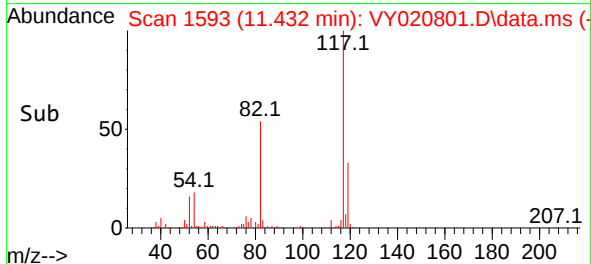
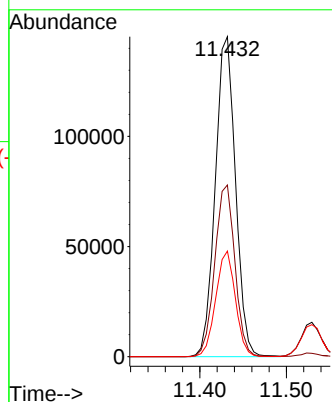
Tgt Ion:117 Resp: 235702

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

119 33.0 25.8 38.8



#64

Tetrachloroethene

Concen: 19.423 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Tgt Ion:164 Resp: 33658

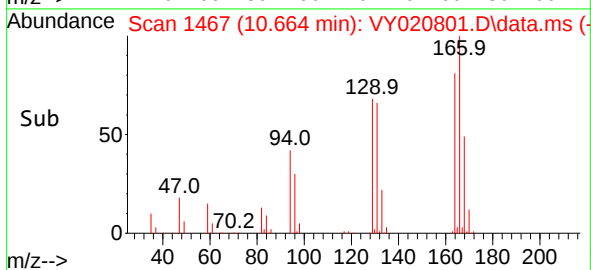
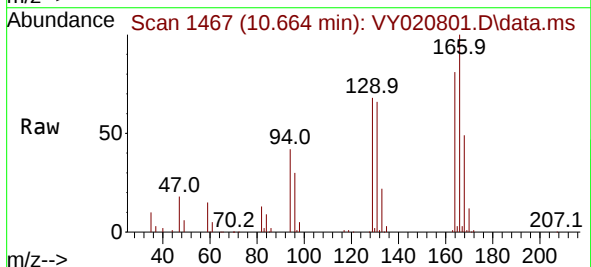
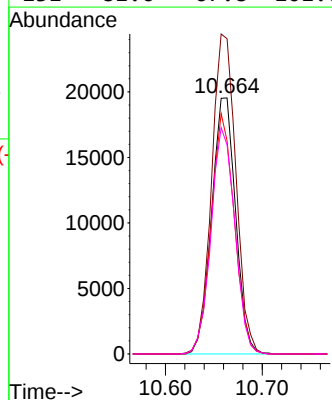
Ion Ratio Lower Upper

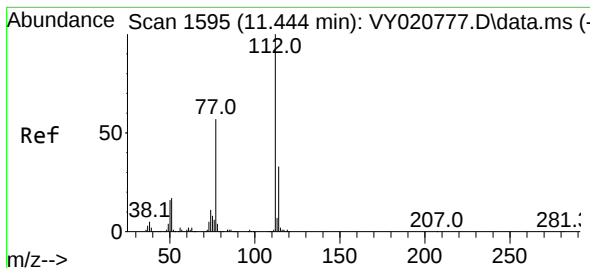
164 100

166 123.1 102.0 153.0

129 83.3 71.4 107.2

131 81.6 67.8 101.6





#65

Chlorobenzene

Concen: 19.973 ug/l

RT: 11.456 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

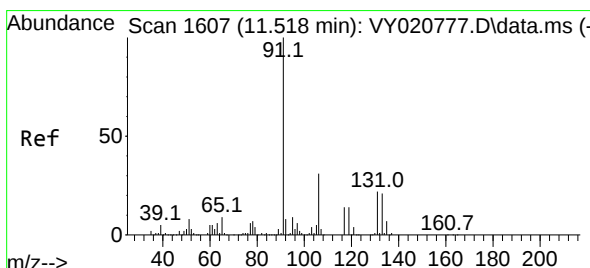
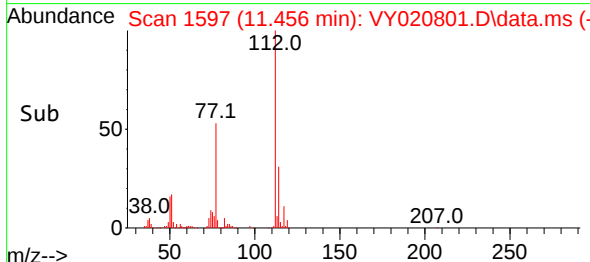
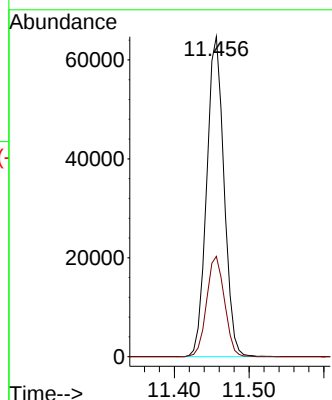
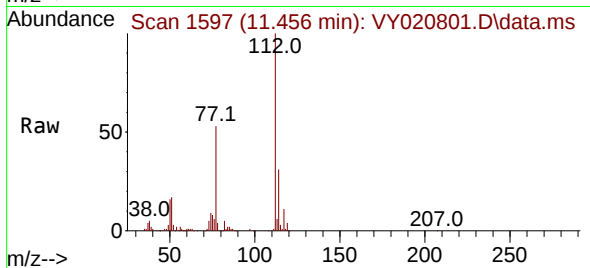
ClientSampleId :

Tgt Ion:112 Resp: 104088

Ion Ratio Lower Upper

112 100

114 31.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.422 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

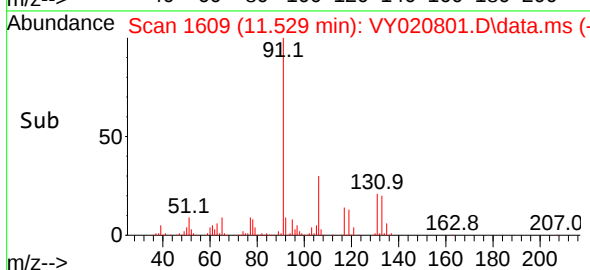
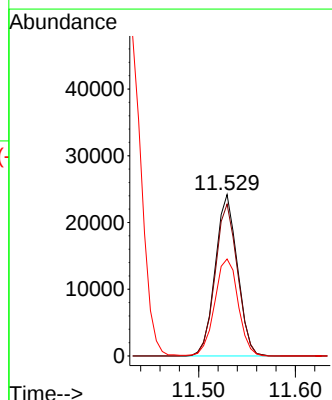
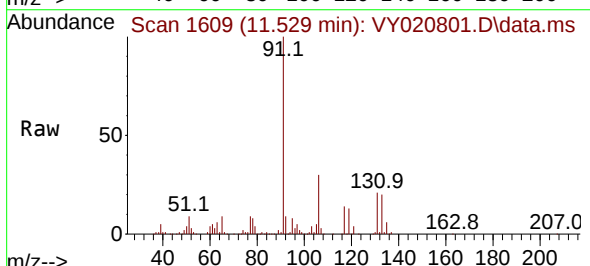
Tgt Ion:131 Resp: 38531

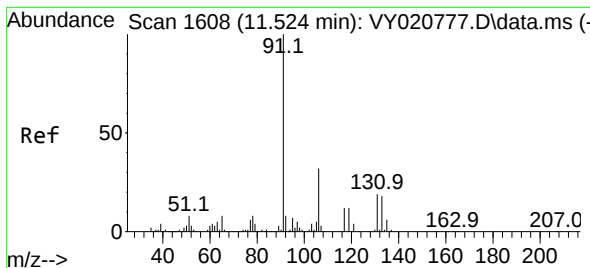
Ion Ratio Lower Upper

131 100

133 95.1 46.9 140.8

119 63.6 30.2 90.6





#67

Ethyl Benzene

Concen: 19.969 ug/l

RT: 11.529 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

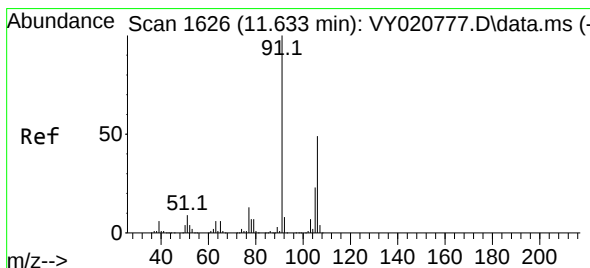
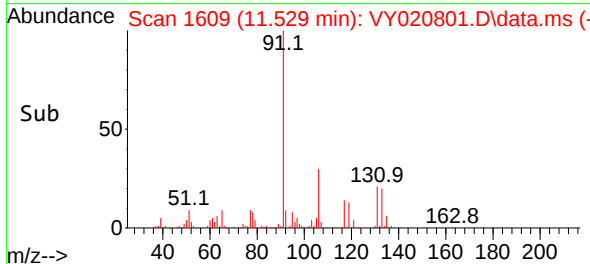
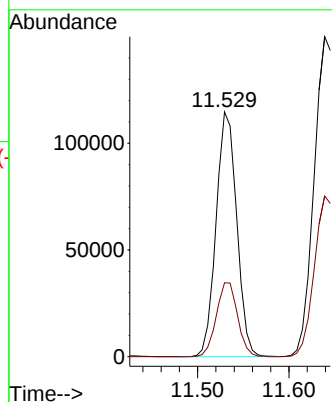
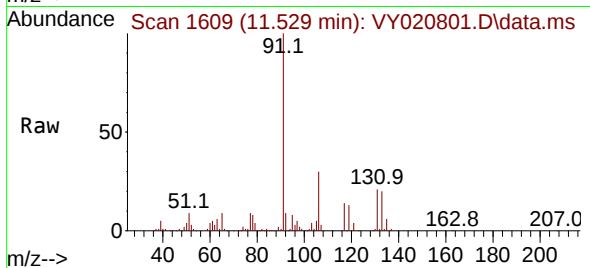
ClientSampleId :

Tgt Ion: 91 Resp: 180171

Ion Ratio Lower Upper

91 100

106 30.2 25.5 38.3



#68

m/p-Xylenes

Concen: 39.901 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020801.D

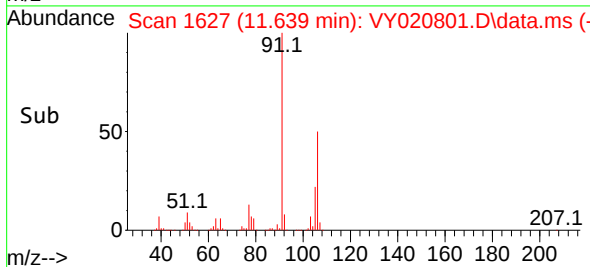
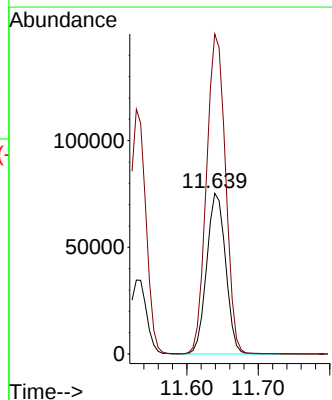
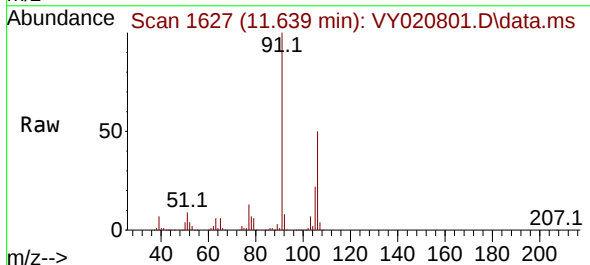
Acq: 08 Jan 2025 10:57

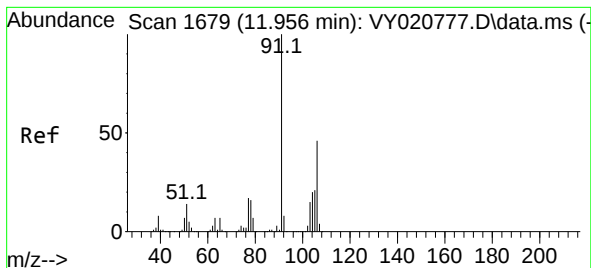
Tgt Ion:106 Resp: 138610

Ion Ratio Lower Upper

106 100

91 199.6 162.6 243.8

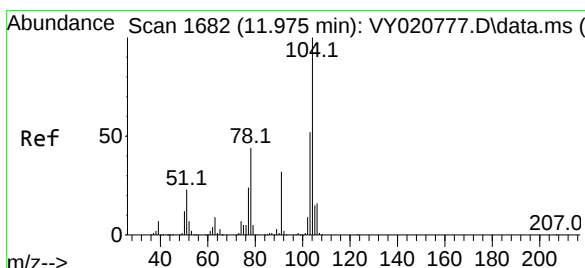
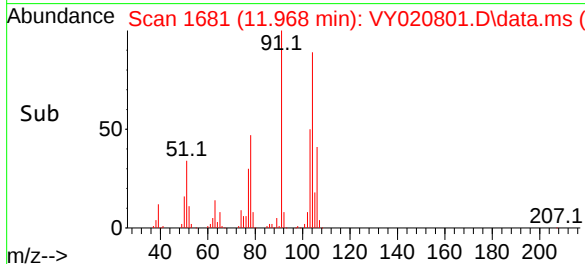
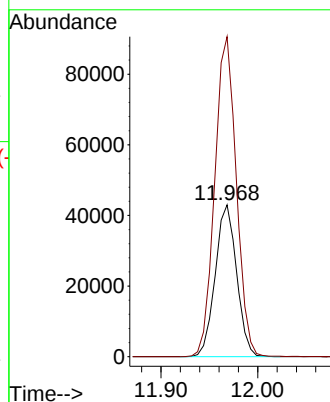
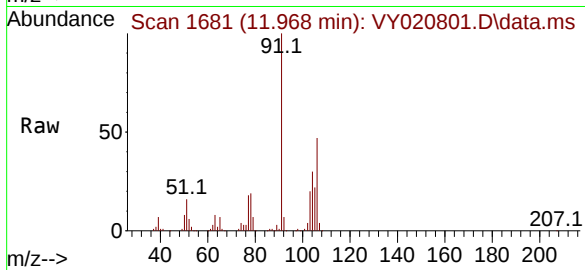




#69
o-Xylene
Concen: 20.018 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

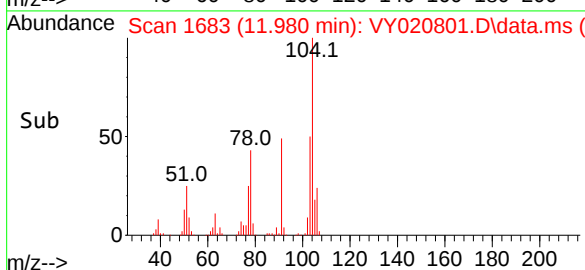
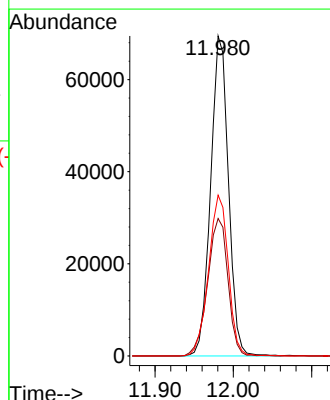
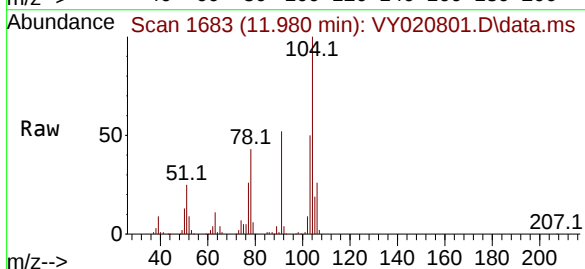
Instrument :
MSVOA_Y
ClientSampleId :

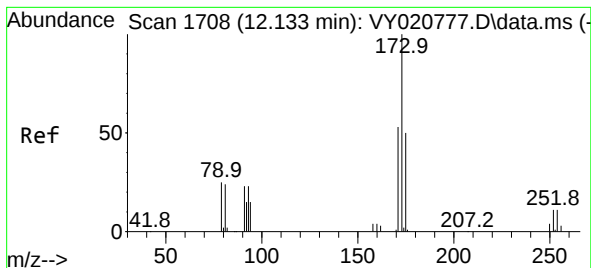
Tgt Ion:106 Resp: 65935
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6



#70
Styrene
Concen: 19.777 ug/l
RT: 11.980 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion:104 Resp: 109653
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.2
103 55.7 44.0 66.0





#71

Bromoform

Concen: 19.072 ug/l

RT: 12.145 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020801.D

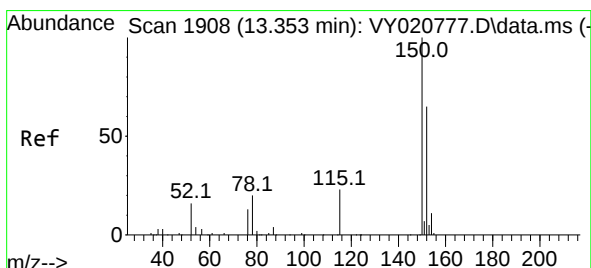
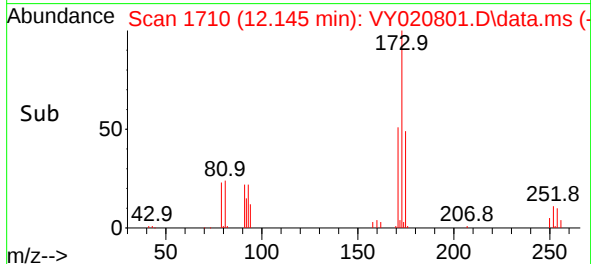
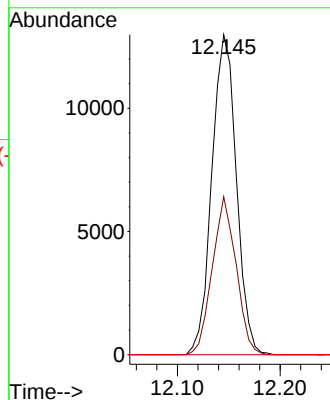
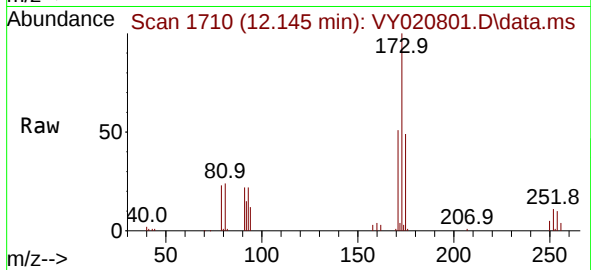
Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	21510
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.2 72.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

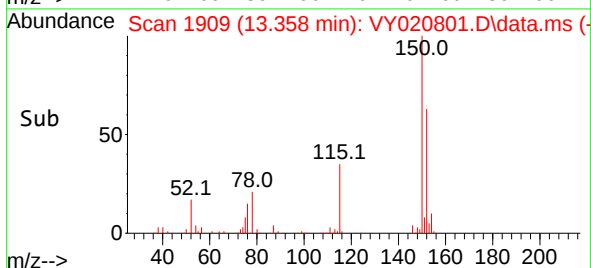
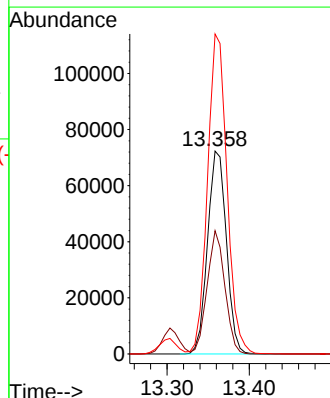
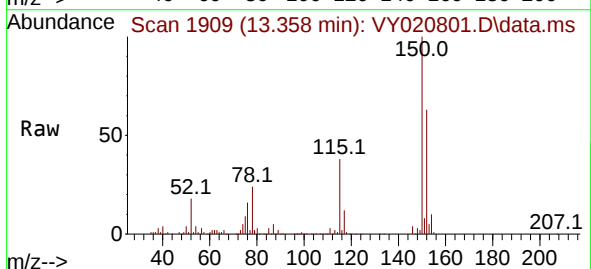
RT: 13.358 min Scan# 1909

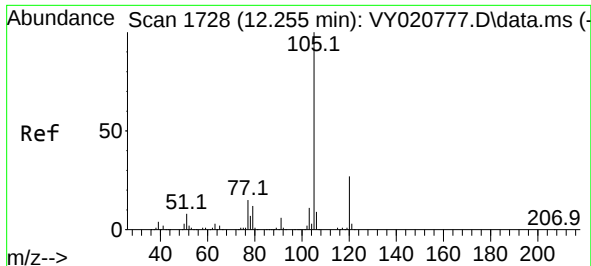
Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Tgt Ion:152	Resp:	114996
Ion Ratio	Lower	Upper
152	100	
115	57.3	29.0 87.0
150	163.2	0.0 347.4

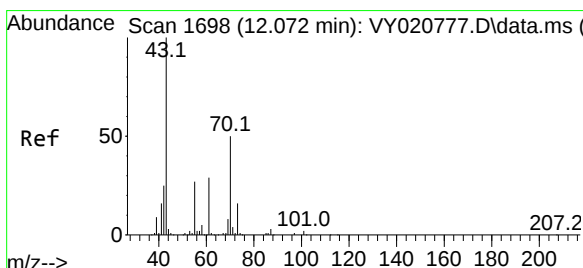
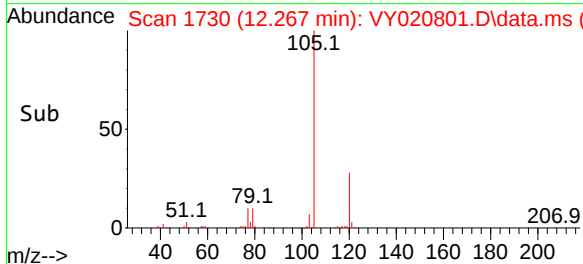
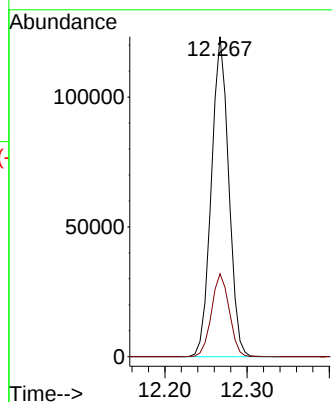
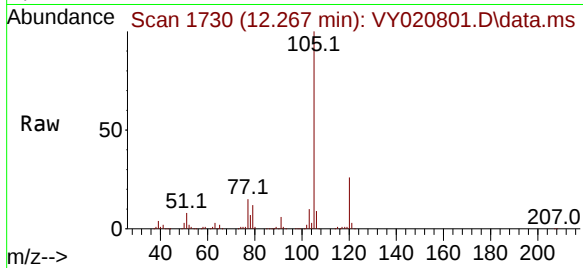




#73
Isopropylbenzene
Concen: 19.846 ug/l
RT: 12.267 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

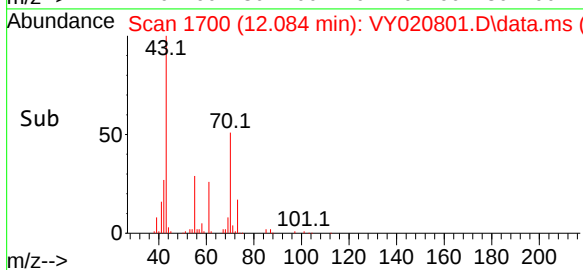
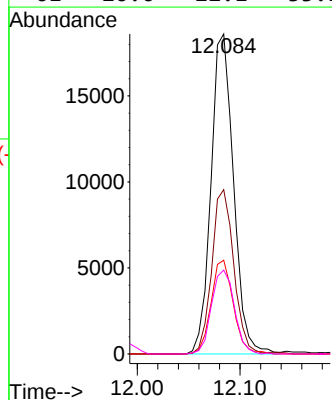
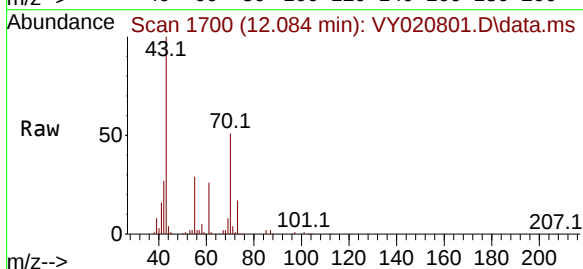
Instrument :
MSVOA_Y
ClientSampleId :

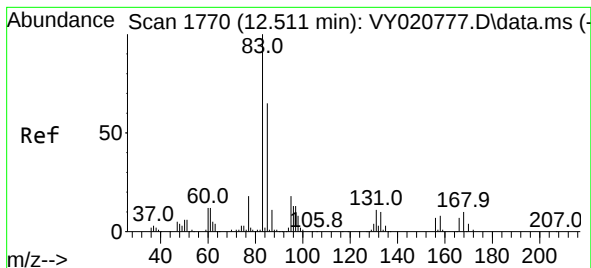
Tgt Ion:105 Resp: 181055
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 19.034 ug/l
RT: 12.084 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 43 Resp: 28404
Ion Ratio Lower Upper
43 100
70 50.1 40.2 60.4
55 28.8 21.2 31.8
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.836 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

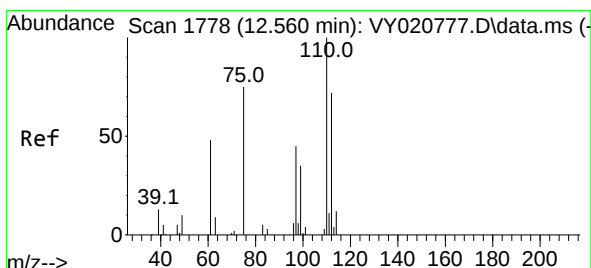
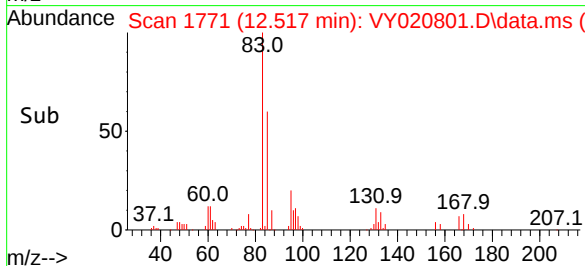
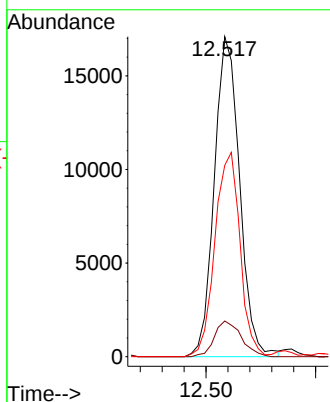
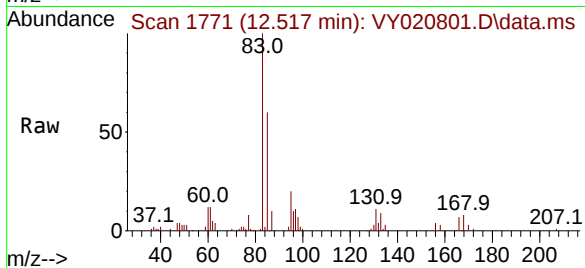
Tgt Ion: 83 Resp: 27427

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

85 63.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 34.761 ug/l

RT: 12.572 min Scan# 1780

Delta R.T. 0.012 min

Lab File: VY020801.D

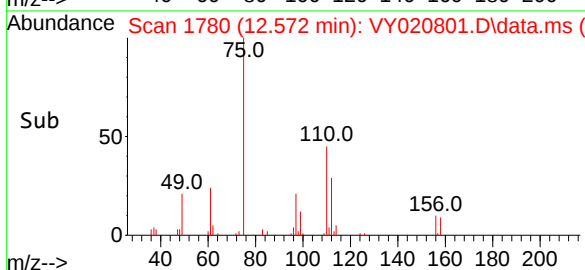
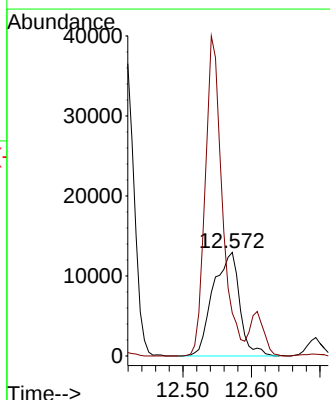
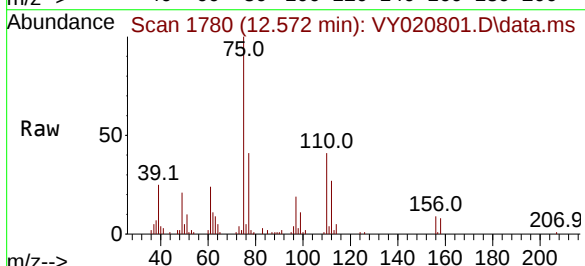
Acq: 08 Jan 2025 10:57

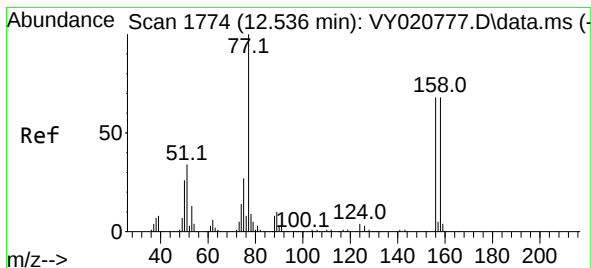
Tgt Ion: 75 Resp: 34976

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.562 ug/l

RT: 12.547 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

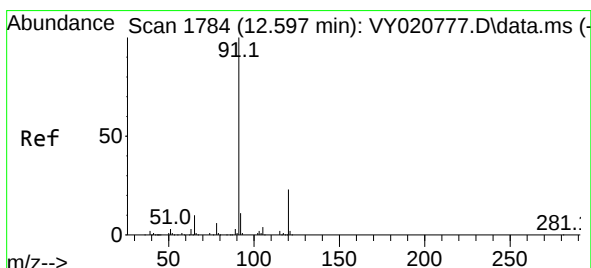
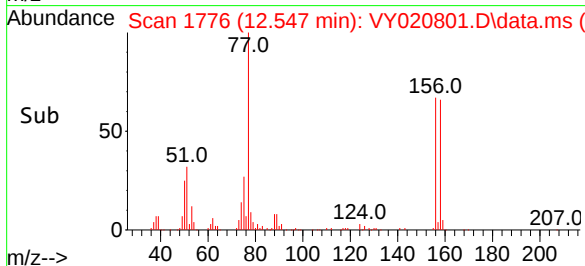
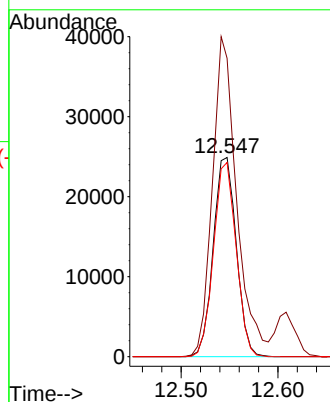
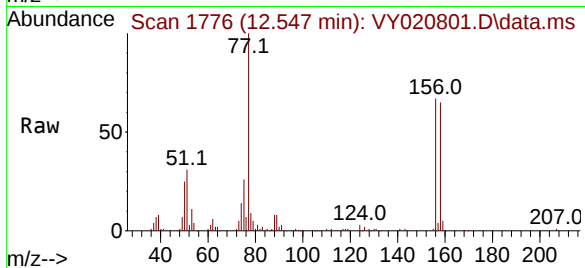
Tgt Ion:156 Resp: 41145

Ion Ratio Lower Upper

156 100

77 169.2 82.3 247.0

158 95.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.160 ug/l

RT: 12.608 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VY020801.D

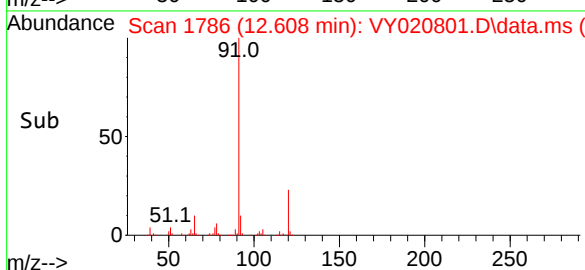
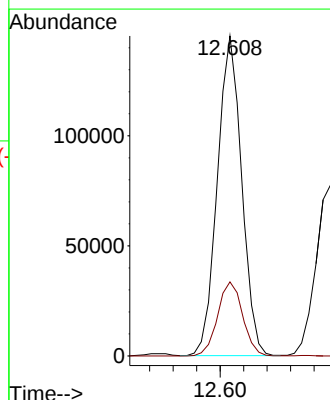
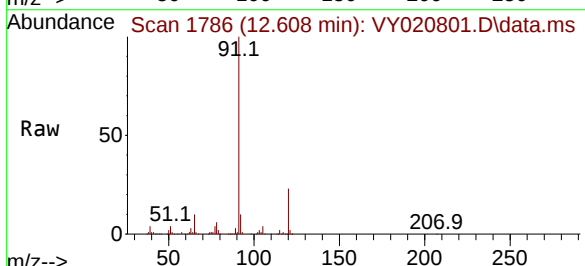
Acq: 08 Jan 2025 10:57

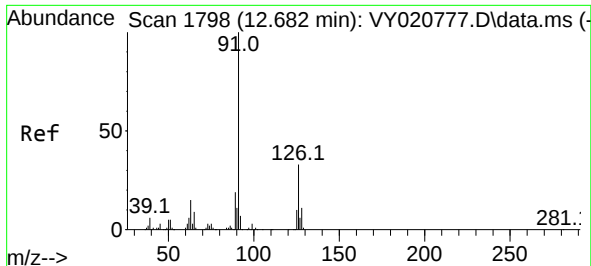
Tgt Ion: 91 Resp: 208753

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1

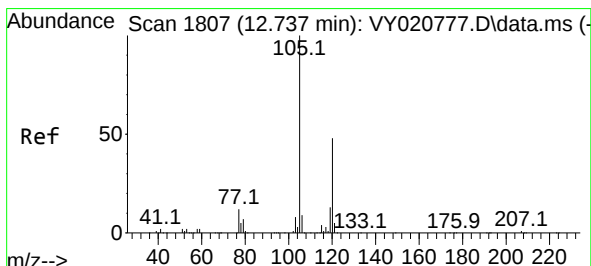
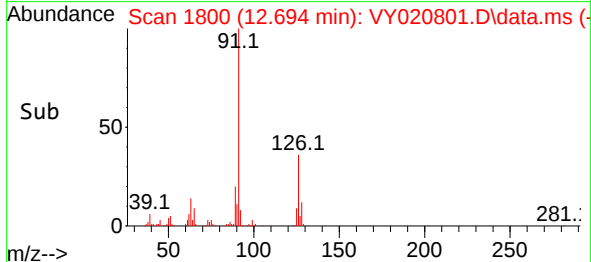
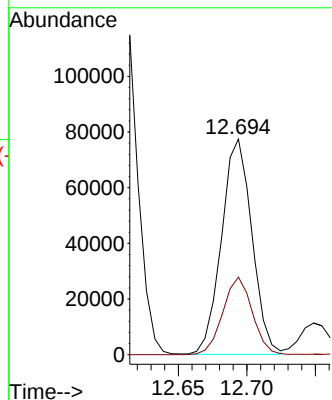
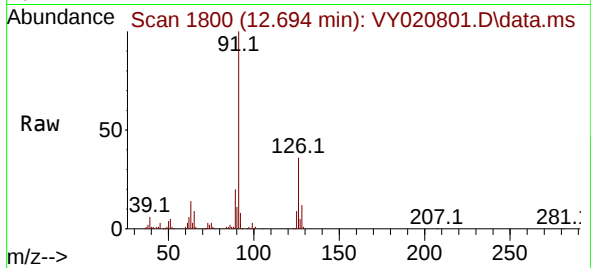




#79
2-Chlorotoluene
Concen: 20.042 ug/l
RT: 12.694 min Scan# 119513
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

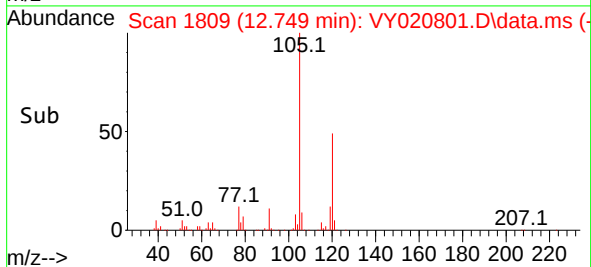
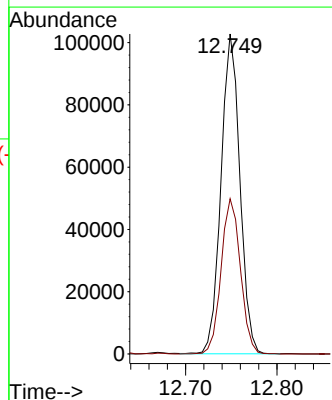
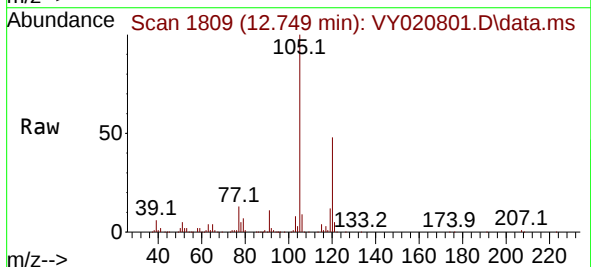
Instrument :
MSVOA_Y
ClientSampleId :

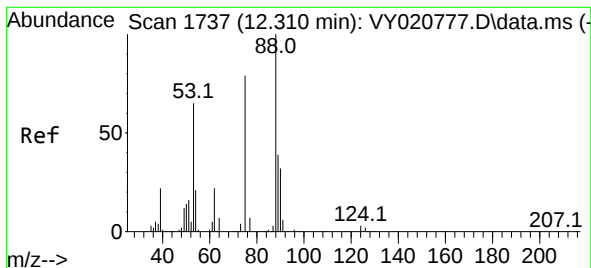
Tgt Ion: 91 Resp: 119513
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 19.959 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion:105 Resp: 147562
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

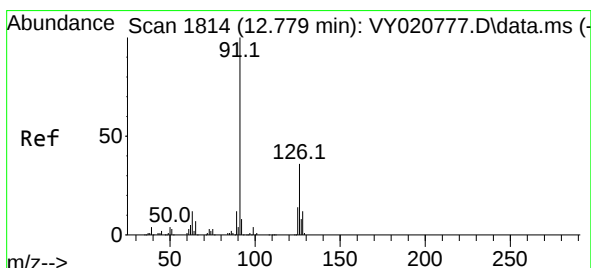
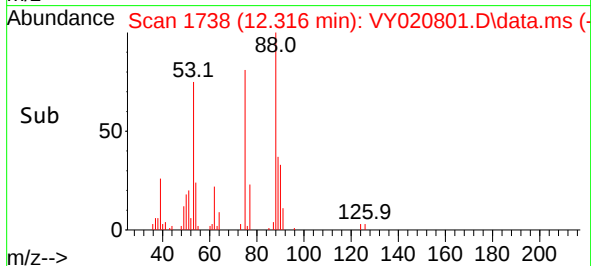
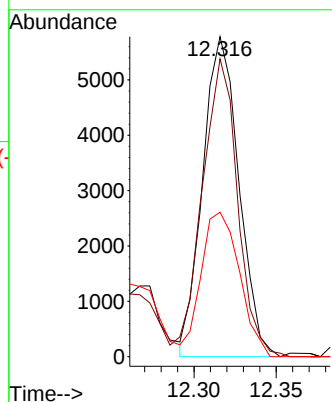
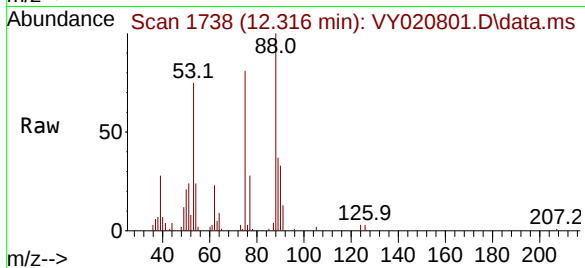




#81
trans-1,4-Dichloro-2-butene
Concen: 18.498 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

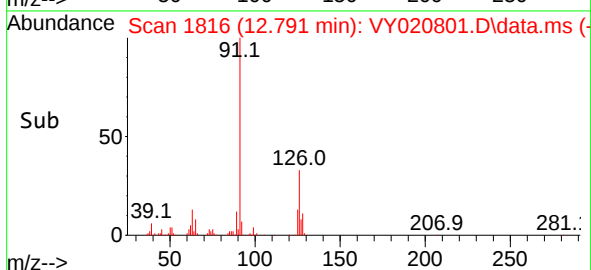
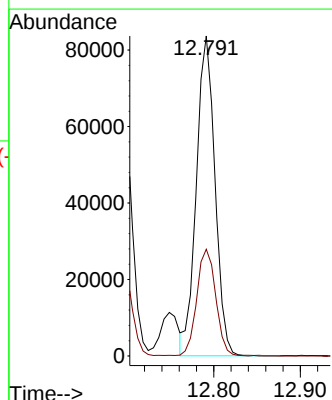
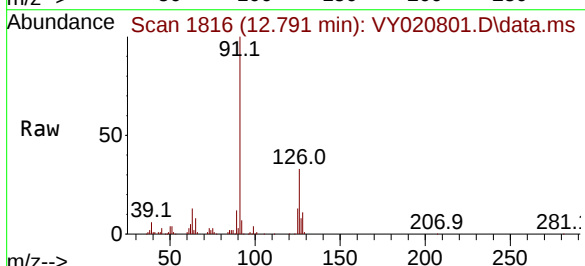
Instrument :
MSVOA_Y
ClientSampleId :

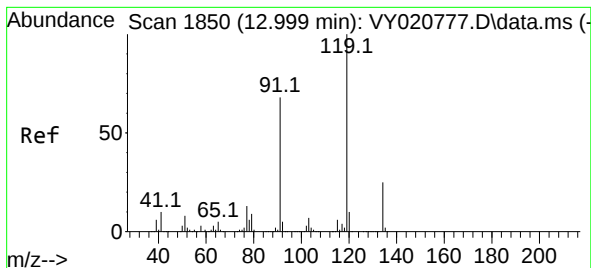
Tgt Ion: 75 Resp: 8827
Ion Ratio Lower Upper
75 100
53 91.0 69.4 104.0
89 48.0 39.6 59.4



#82
4-Chlorotoluene
Concen: 20.257 ug/l
RT: 12.791 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 91 Resp: 124655
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7





#83

tert-Butylbenzene

Concen: 20.166 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

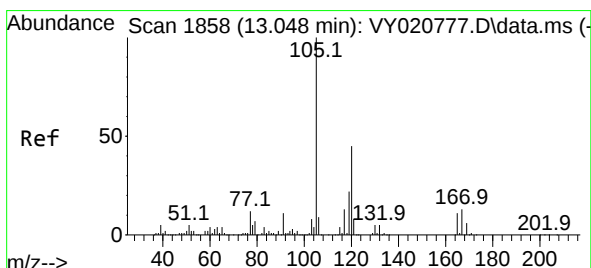
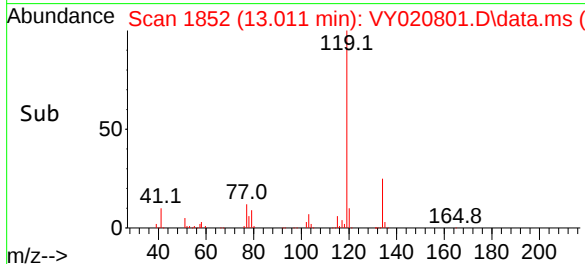
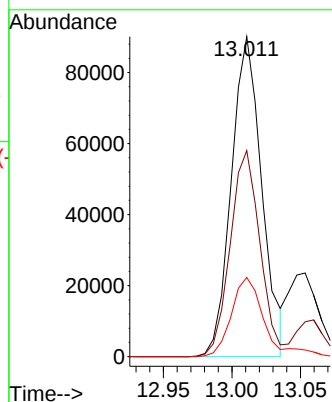
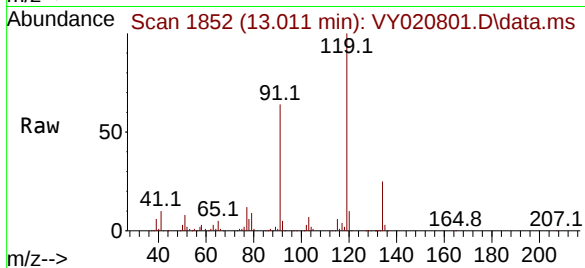
Tgt Ion:119 Resp: 139444

Ion Ratio Lower Upper

119 100

91 62.6 33.0 98.9

134 26.7 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.962 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.012 min

Lab File: VY020801.D

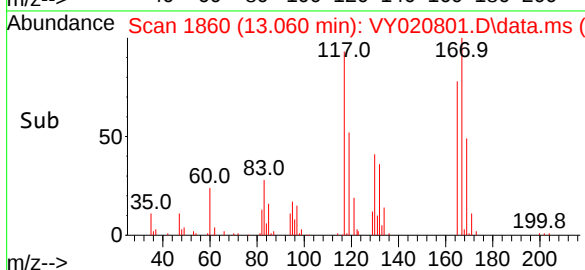
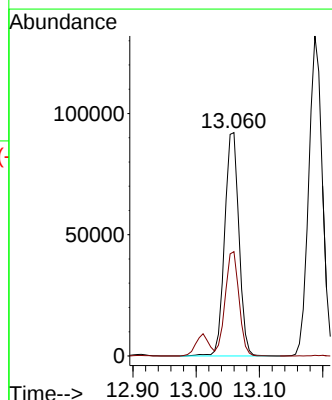
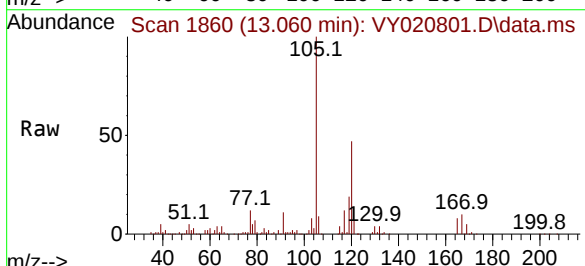
Acq: 08 Jan 2025 10:57

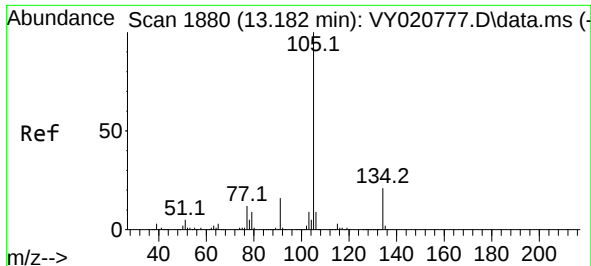
Tgt Ion:105 Resp: 144120

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.2

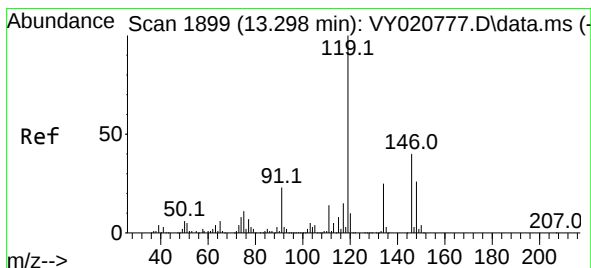
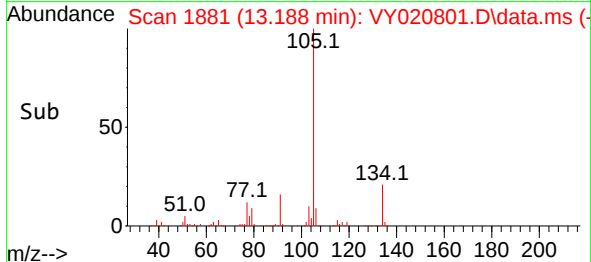
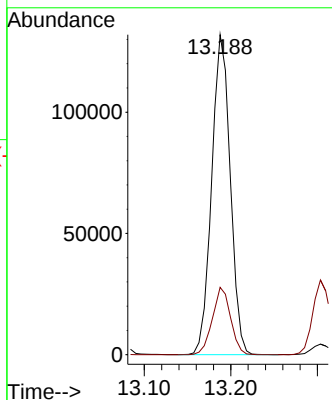
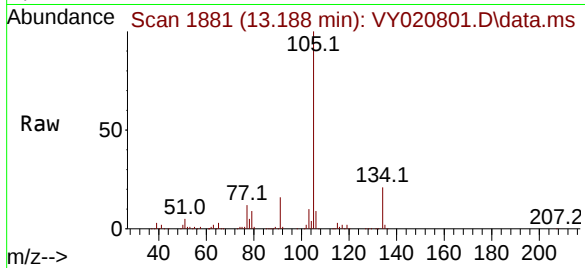




#85
 sec-Butylbenzene
 Concen: 20.336 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

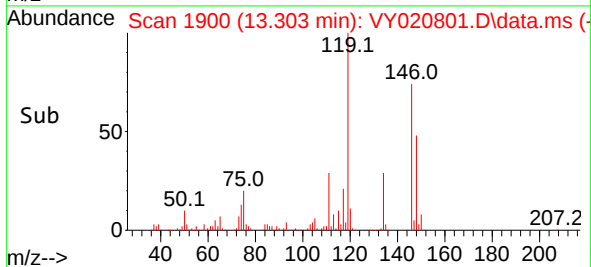
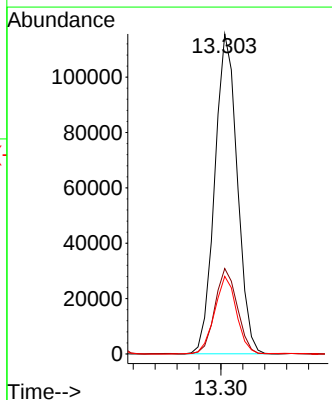
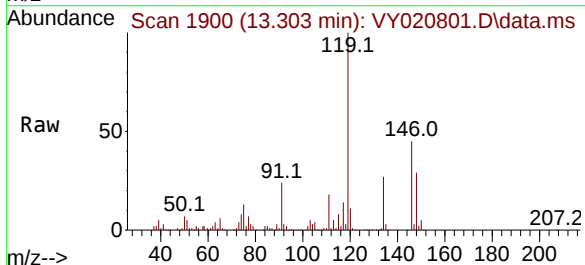
Instrument :
 MSVOA_Y
 ClientSampleId :

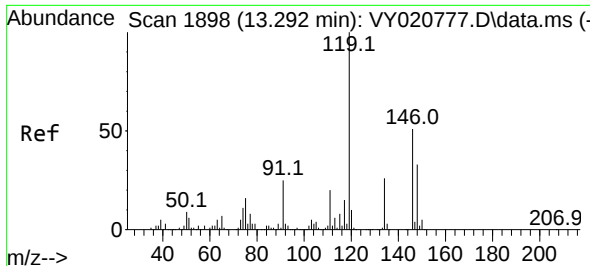
Tgt Ion:105 Resp: 196423
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.015 ug/l
 RT: 13.303 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

Tgt Ion:119 Resp: 164911
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.7 11.8 35.3

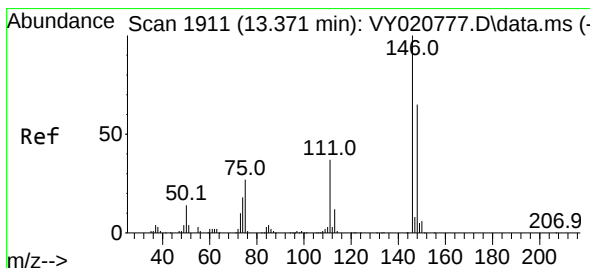
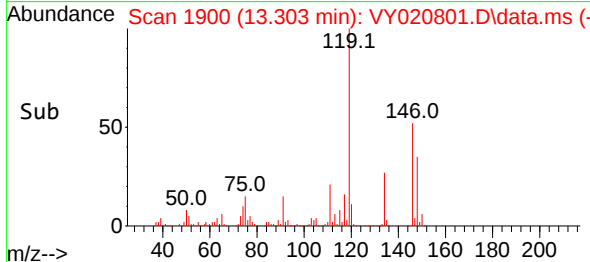
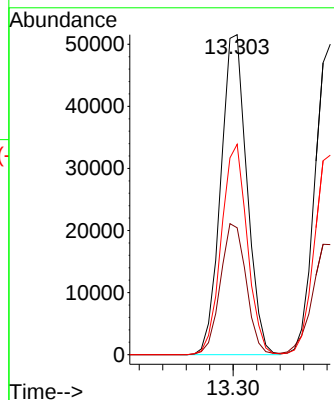
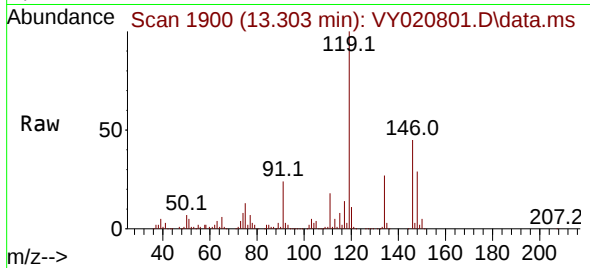




#87
 1,3-Dichlorobenzene
 Concen: 19.490 ug/l
 RT: 13.303 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

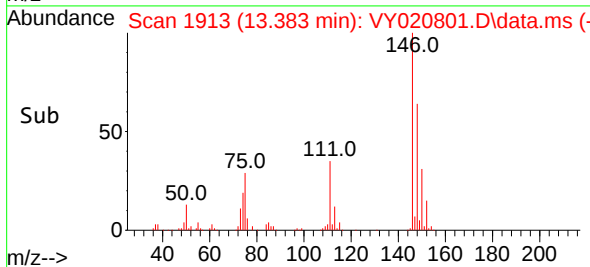
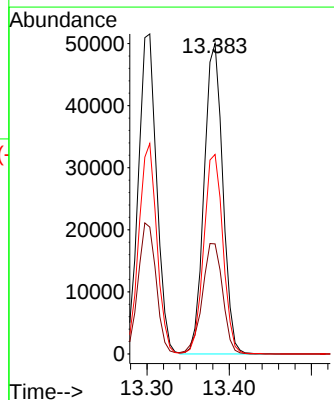
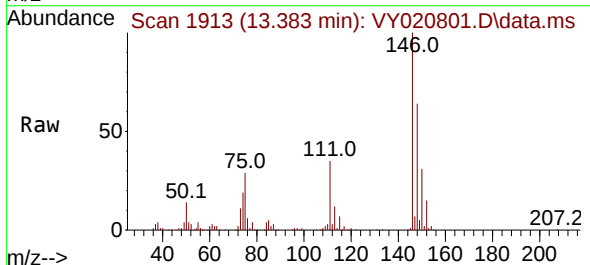
Instrument :
 MSVOA_Y
 ClientSampleId :

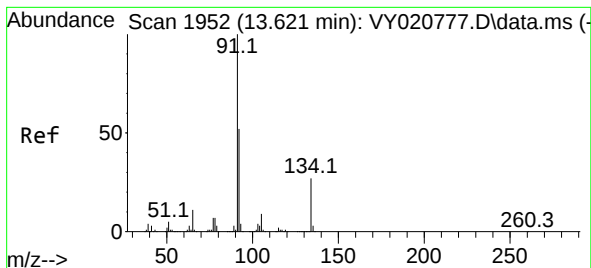
Tgt Ion:146 Resp: 79651
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.5 58.5
 148 65.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.566 ug/l
 RT: 13.383 min Scan# 1913
 Delta R.T. 0.012 min
 Lab File: VY020801.D
 Acq: 08 Jan 2025 10:57

Tgt Ion:146 Resp: 78714
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.3
 148 66.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.126 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

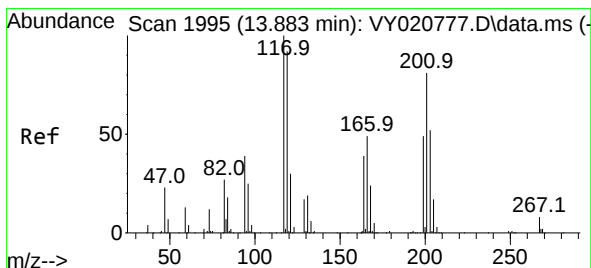
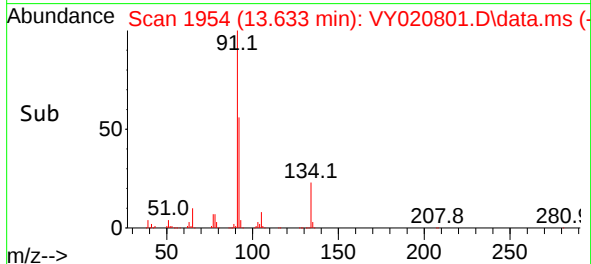
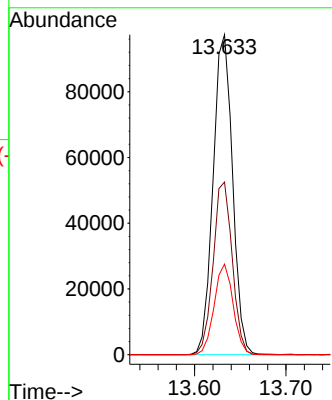
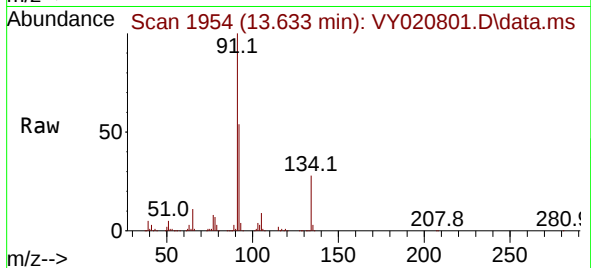
Tgt Ion: 91 Resp: 143864

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.4

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 19.569 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY020801.D

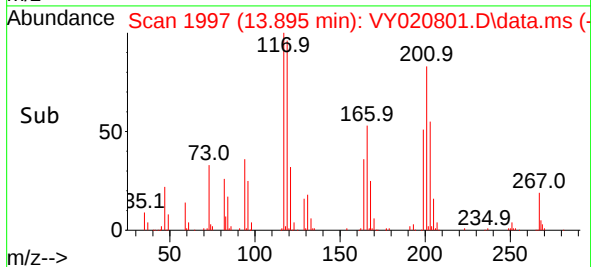
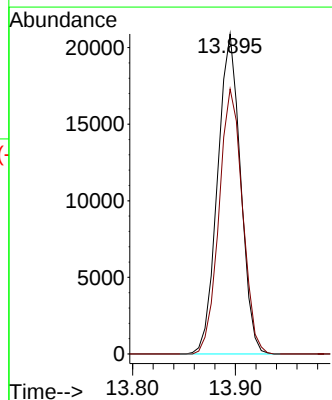
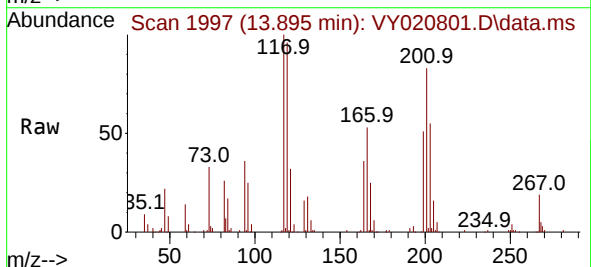
Acq: 08 Jan 2025 10:57

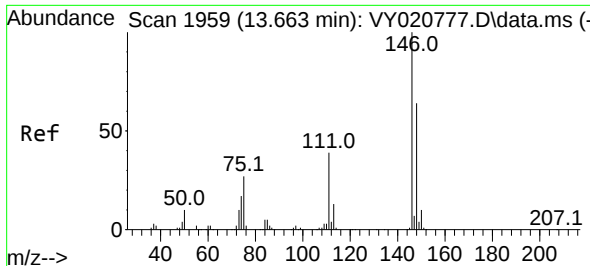
Tgt Ion: 117 Resp: 32376

Ion Ratio Lower Upper

117 100

201 84.6 42.9 128.7

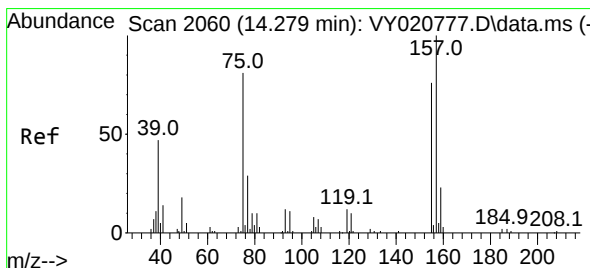
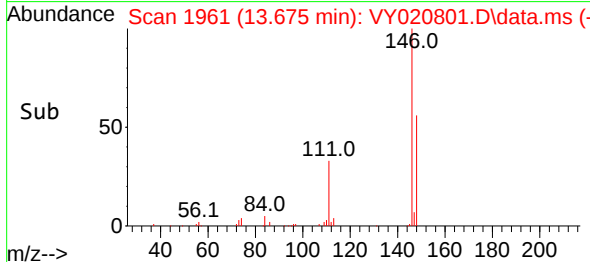
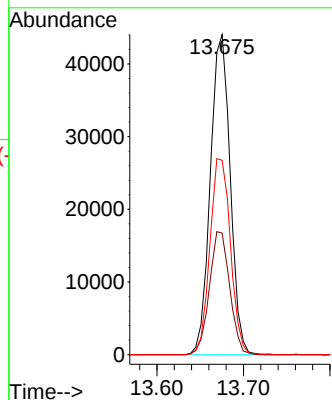
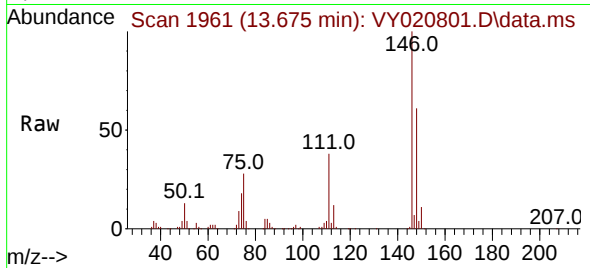




#91
1,2-Dichlorobenzene
Concen: 19.626 ug/l
RT: 13.675 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

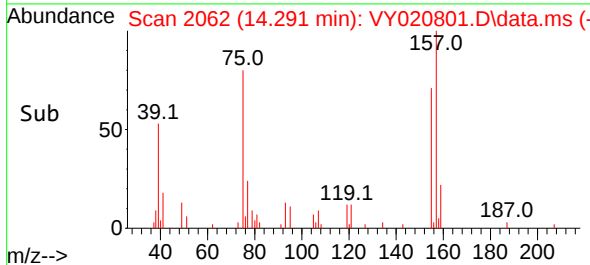
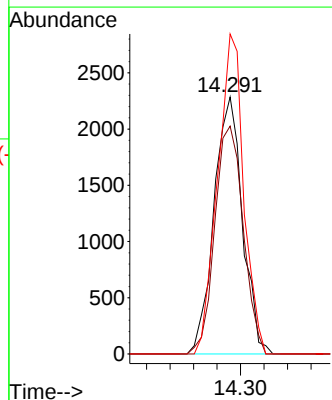
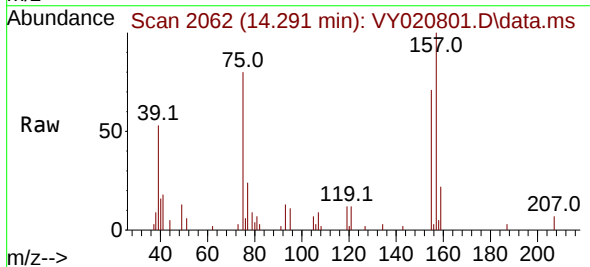
Instrument :
MSVOA_Y
ClientSampleId :

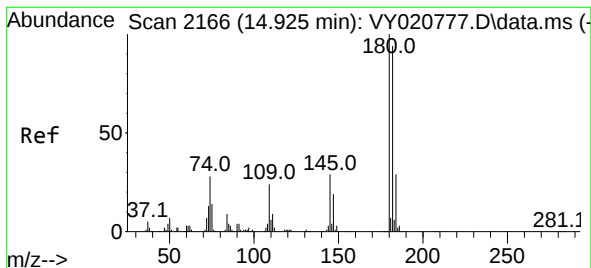
Tgt Ion:146 Resp: 70132
Ion Ratio Lower Upper
146 100
111 39.4 20.0 60.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.162 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.012 min
Lab File: VY020801.D
Acq: 08 Jan 2025 10:57

Tgt Ion: 75 Resp: 3837
Ion Ratio Lower Upper
75 100
155 88.7 45.5 136.5
157 114.4 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 18.323 ug/l

RT: 14.937 min Scan# 2168

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

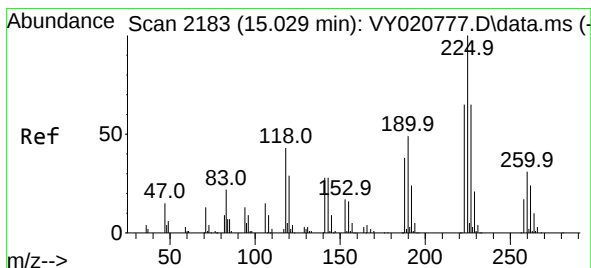
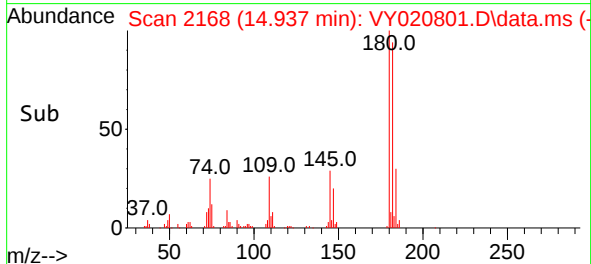
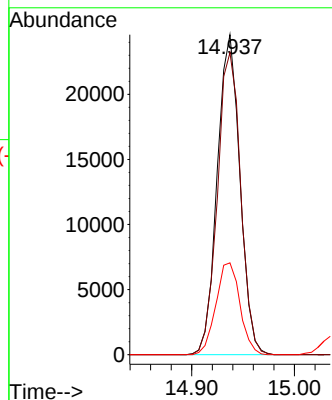
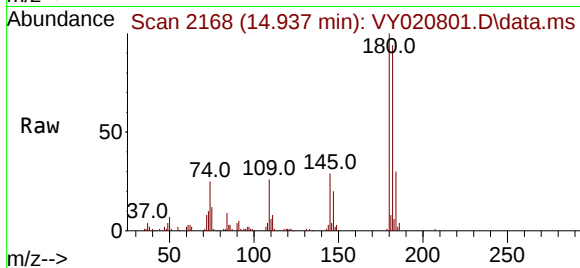
Tgt Ion:180 Resp: 37681

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 30.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 19.479 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

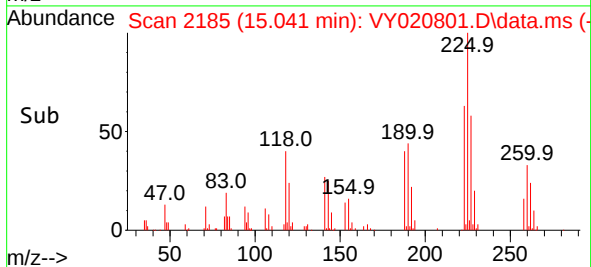
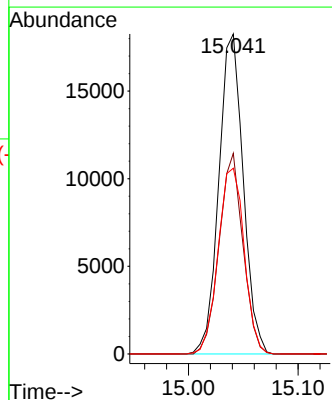
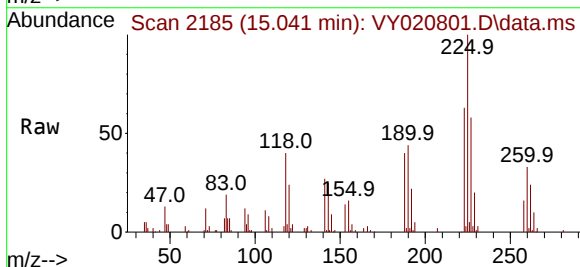
Tgt Ion:225 Resp: 28239

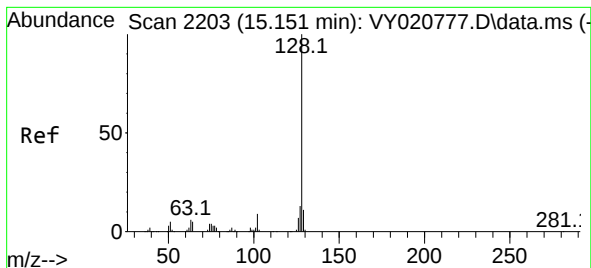
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 62.1 32.2 96.6





#95

Naphthalene

Concen: 16.795 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

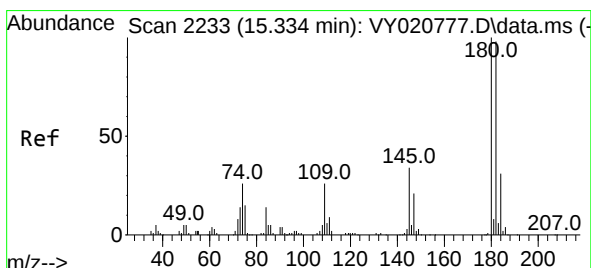
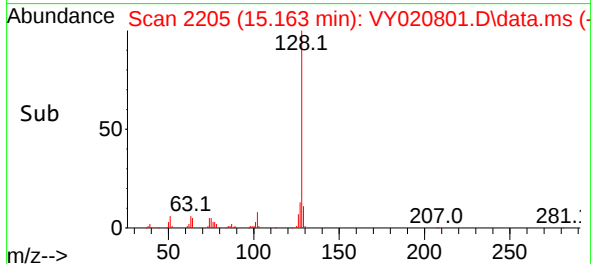
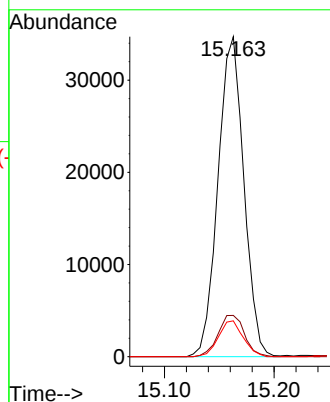
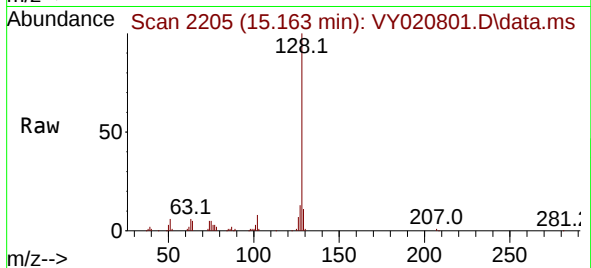
Tgt Ion:128 Resp: 56845

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.287 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY020801.D

Acq: 08 Jan 2025 10:57

Tgt Ion:180 Resp: 29783

Ion Ratio Lower Upper

180 100

182 97.5 48.1 144.3

145 32.7 16.1 48.2

