

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020776.D
 Acq On : 06 Jan 2025 10:23
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 01:03:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	152397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	225358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	190060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25385	19.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.200%#
35) Dibromofluoromethane	7.640	113	29086	20.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.200%#
50) Toluene-d8	10.109	98	93598	19.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.040%#
62) 4-Bromofluorobenzene	12.408	95	38731	21.310	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	42.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	24020	21.477	ug/l	96
3) Chloromethane	2.074	50	12060	20.479	ug/l	96
4) Vinyl Chloride	2.208	62	13382	20.442	ug/l	96
5) Bromomethane	2.599	94	9265	19.870	ug/l	100
6) Chloroethane	2.745	64	8076	20.003	ug/l	99
7) Trichlorofluoromethane	3.068	101	41934	20.871	ug/l	96
8) Diethyl Ether	3.464	74	13660	21.741	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	28891	21.293	ug/l	99
10) Methyl Iodide	4.019	142	29568	20.335	ug/l	99
11) Tert butyl alcohol	4.854	59	11255	114.990	ug/l	99
12) 1,1-Dichloroethene	3.800	96	24434	20.560	ug/l	96
13) Acrolein	3.665	56	4426	161.021	ug/l	99
14) Allyl chloride	4.391	41	35288	20.581	ug/l	98
15) Acrylonitrile	5.068	53	29268	109.603	ug/l	97
16) Acetone	3.879	43	20472	111.141	ug/l	95
17) Carbon Disulfide	4.117	76	50078	19.424	ug/l	98
18) Methyl Acetate	4.397	43	14020	22.542	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	73032	21.775	ug/l	100
20) Methylene Chloride	4.629	84	27503	21.620	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	27038	20.659	ug/l	98
22) Diisopropyl ether	6.025	45	80570	22.059	ug/l	94
23) Vinyl Acetate	5.970	43	221732	110.105	ug/l	99
24) 1,1-Dichloroethane	5.927	63	51529	21.384	ug/l	98
25) 2-Butanone	6.909	43	33932	112.144	ug/l	98
26) 2,2-Dichloropropane	6.897	77	52867	21.131	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	35656	21.593	ug/l	98
28) Bromochloromethane	7.256	49	12867	19.788	ug/l	98
29) Tetrahydrofuran	7.275	42	21662	112.073	ug/l	98
30) Chloroform	7.427	83	59130	21.517	ug/l	96
31) Cyclohexane	7.713	56	37819	20.065	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	56467	21.066	ug/l	99
36) 1,1-Dichloropropene	7.841	75	37666	20.916	ug/l	99
37) Ethyl Acetate	6.988	43	15664	21.858	ug/l	96
38) Carbon Tetrachloride	7.823	117	52528	20.955	ug/l	96
39) Methylcyclohexane	9.116	83	45601	20.636	ug/l	98
40) Benzene	8.085	78	117743	21.304	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	8843	21.546	ug/l	93
42) 1,2-Dichloroethane	8.165	62	32634	21.621	ug/l	98
43) Isopropyl Acetate	8.201	43	32778	22.488	ug/l	99
44) Trichloroethene	8.872	130	32834	21.311	ug/l	93
45) 1,2-Dichloropropane	9.146	63	27300	21.788	ug/l	99
46) Dibromomethane	9.238	93	15212	21.143	ug/l	97
47) Bromodichloromethane	9.427	83	45302	21.985	ug/l	99
48) Methyl methacrylate	9.225	41	13952	21.351	ug/l	92
49) 1,4-Dioxane	9.231	88	3443	450.704	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	83349	114.459	ug/l	100
52) Toluene	10.176	92	79192	21.638	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	39886	21.763	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	45644	21.445	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	23414	22.778	ug/l	96
56) Ethyl methacrylate	10.445	69	28859	22.231	ug/l	99
57) 1,3-Dichloropropane	10.719	76	36920	22.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	57520	111.692	ug/l	98
59) 2-Hexanone	10.762	43	54477	116.610	ug/l	98
60) Dibromochloromethane	10.914	129	32874	22.051	ug/l	100
61) 1,2-Dibromoethane	11.018	107	20185	21.873	ug/l	97
64) Tetrachloroethene	10.652	164	29264	20.943	ug/l	98
65) Chlorobenzene	11.445	112	89251	21.239	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	34486	21.557	ug/l	99
67) Ethyl Benzene	11.524	91	155305	21.347	ug/l	99
68) m/p-Xylenes	11.633	106	120899	43.161	ug/l	97
69) o-Xylene	11.957	106	56976	21.453	ug/l	98
70) Styrene	11.975	104	97946	21.908	ug/l	99
71) Bromoform	12.140	173	20038	22.034	ug/l #	99
73) Isopropylbenzene	12.255	105	157611	21.056	ug/l	100
74) N-amyl acetate	12.072	43	26871	21.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	24601	21.684	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	32464	38.870	ug/l #	100
77) Bromobenzene	12.536	156	36892	21.377	ug/l	99
78) n-propylbenzene	12.597	91	179484	21.125	ug/l	100
79) 2-Chlorotoluene	12.682	91	103847	21.225	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	127648	21.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8588	21.934	ug/l	98
82) 4-Chlorotoluene	12.780	91	107330	21.257	ug/l	100
83) tert-Butylbenzene	13.005	119	123677	21.798	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	128105	21.625	ug/l	98
85) sec-Butylbenzene	13.182	105	168032	21.203	ug/l	100
86) p-Isopropyltoluene	13.298	119	145498	21.522	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	70648	21.068	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	71071	21.531	ug/l	99
89) n-Butylbenzene	13.621	91	124368	21.205	ug/l	100
90) Hexachloroethane	13.883	117	28135	20.726	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	62869	21.443	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4080	22.242	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	35528	21.056	ug/l	99
94) Hexachlorobutadiene	15.029	225	24696	20.761	ug/l	99
95) Naphthalene	15.151	128	58742	21.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	29372	20.778	ug/l	99

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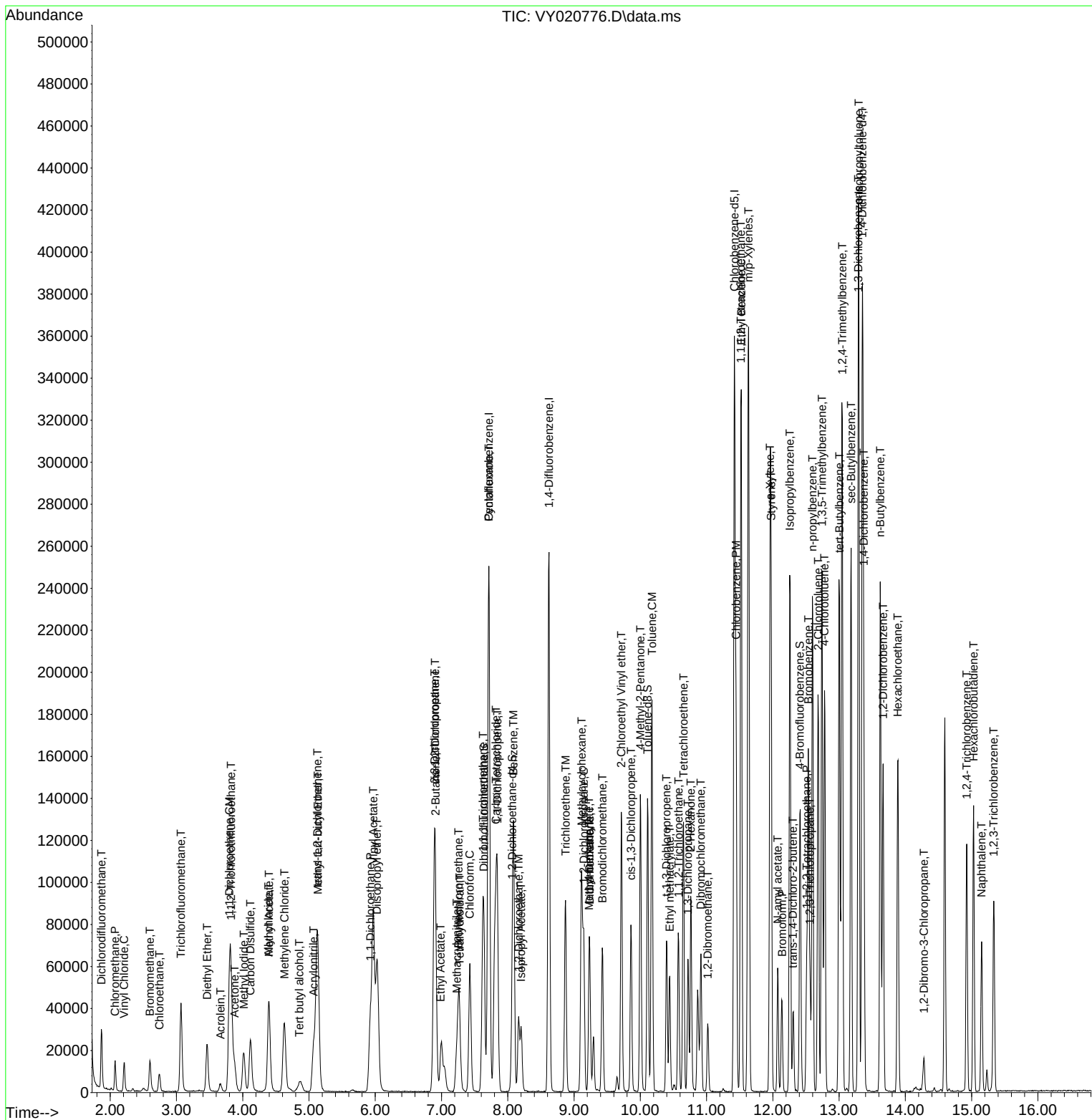
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MSVOA_Y
ClientSampleId :

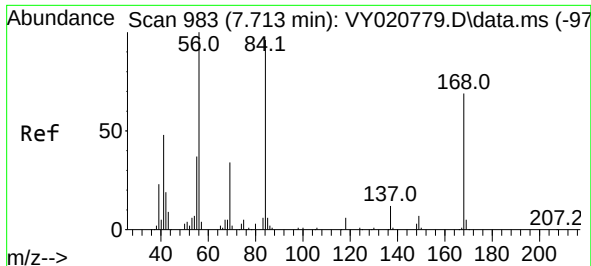
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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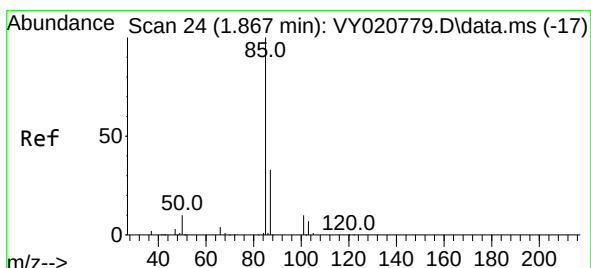
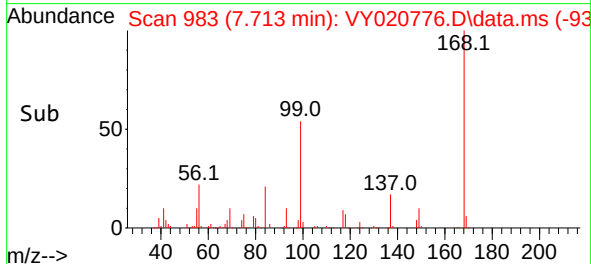
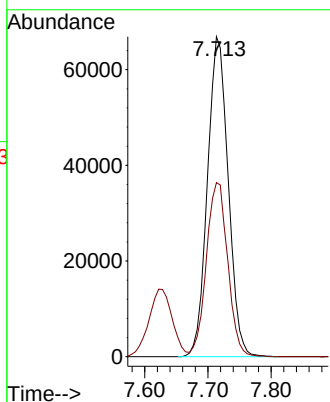
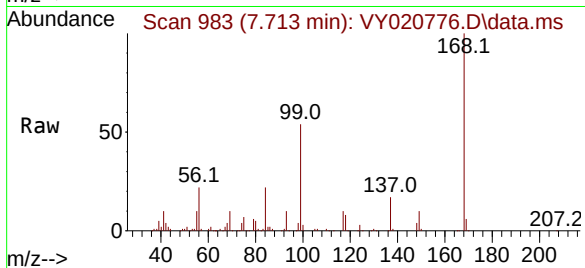




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020776.D
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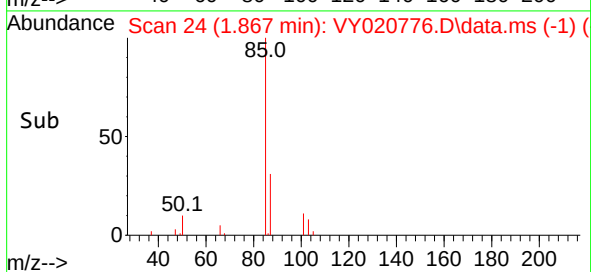
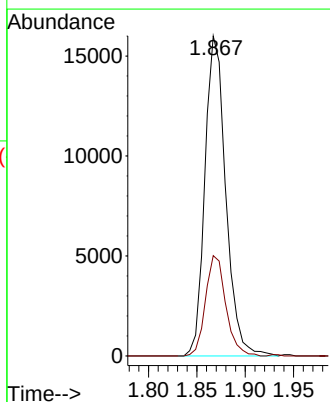
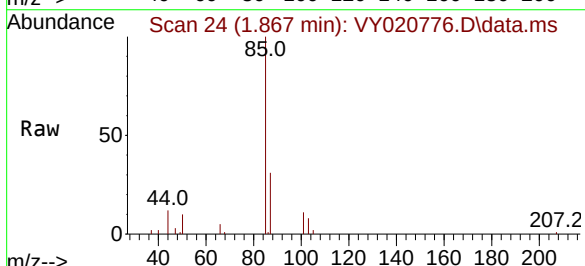
Instrument :
MSVOA_Y
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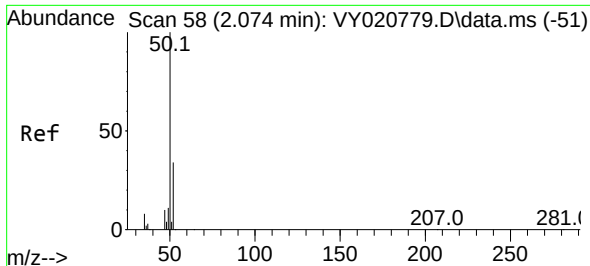
Tgt Ion:168 Resp: 152397
Ion Ratio Lower Upper
168 100
99 54.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.477 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 85 Resp: 24020
Ion Ratio Lower Upper
85 100
87 31.3 16.9 50.6

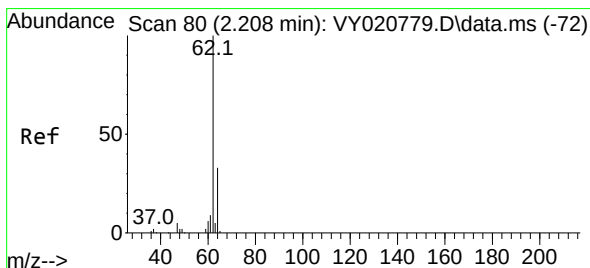
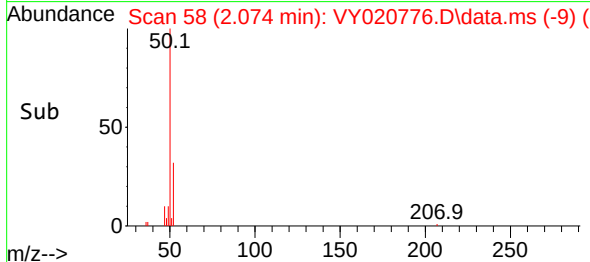
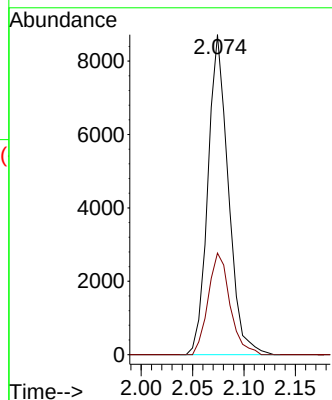
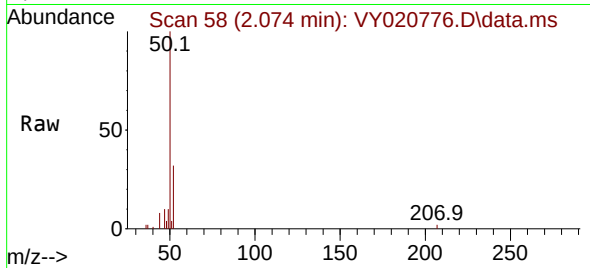




#3
Chloromethane
Concen: 20.479 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

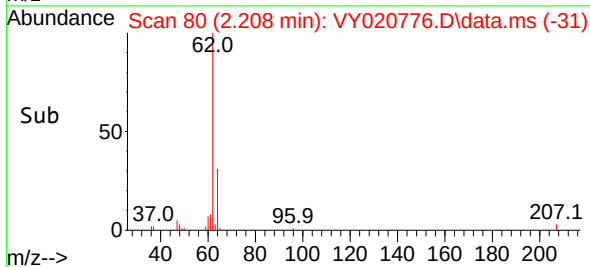
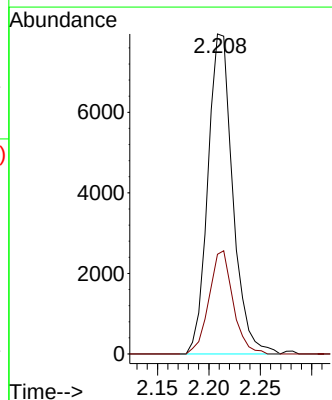
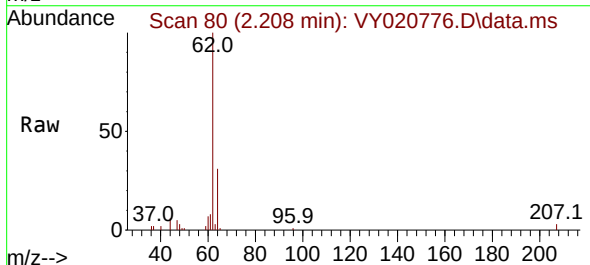
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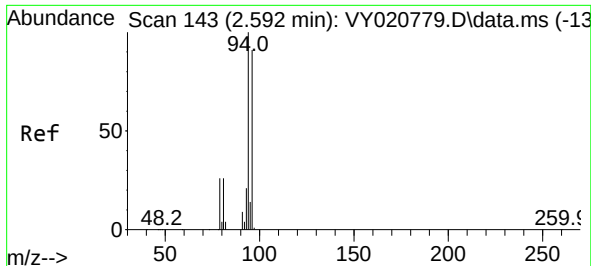
Tgt Ion: 50 Resp: 12060
Ion Ratio Lower Upper
50 100
52 31.8 27.3 40.9



#4
Vinyl Chloride
Concen: 20.442 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 62 Resp: 13382
Ion Ratio Lower Upper
62 100
64 31.2 26.6 39.8

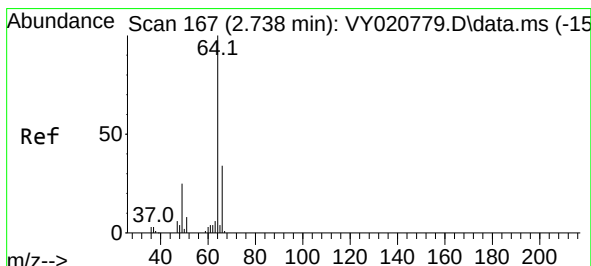
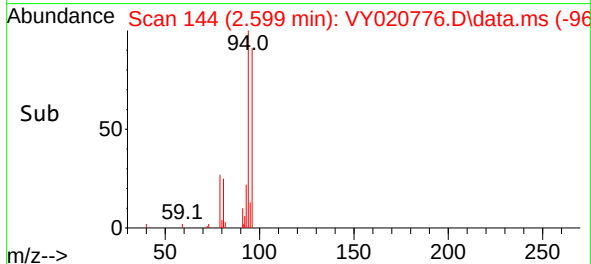
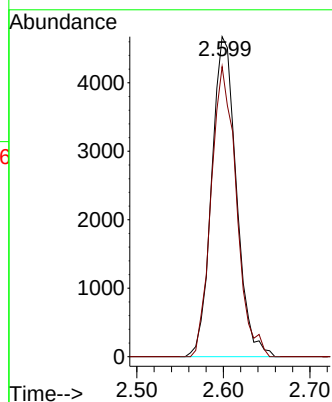
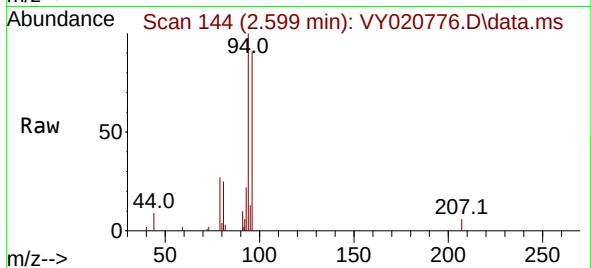




#5
Bromomethane
Concen: 19.870 ug/l
RT: 2.599 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

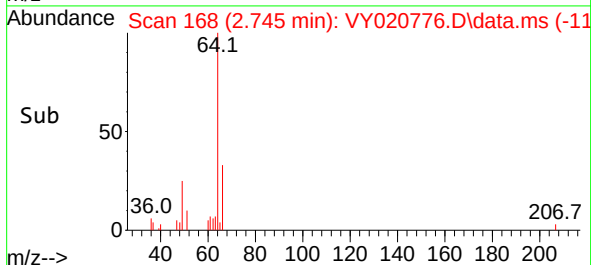
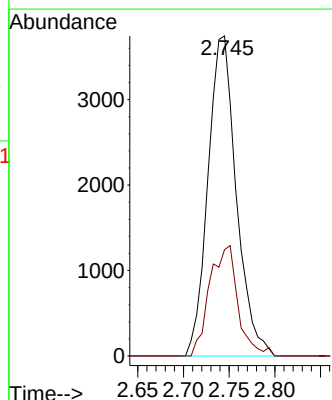
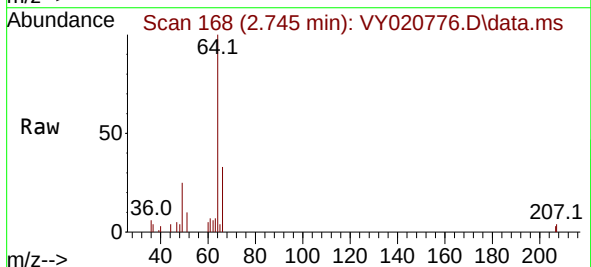
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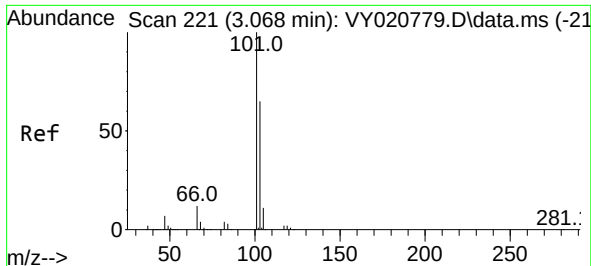
Tgt Ion: 94 Resp: 9265
Ion Ratio Lower Upper
94 100
96 90.7 72.6 109.0



#6
Chloroethane
Concen: 20.003 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 64 Resp: 8076
Ion Ratio Lower Upper
64 100
66 33.2 26.9 40.3

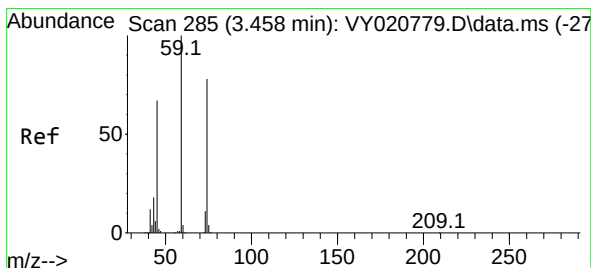
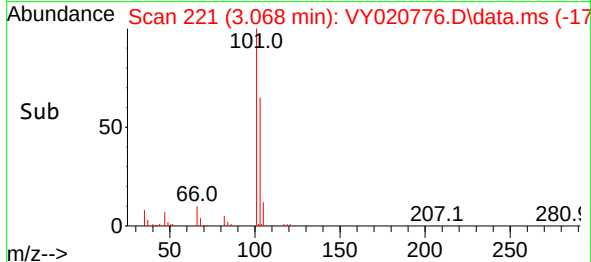
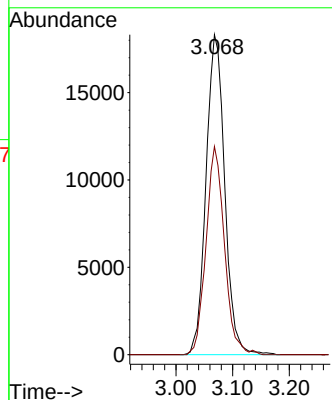
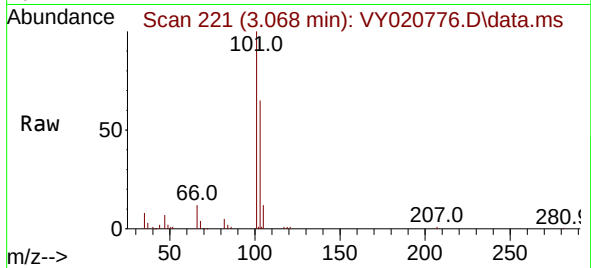




#7
Trichlorofluoromethane
Concen: 20.871 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

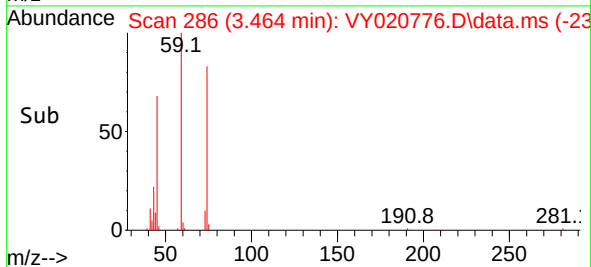
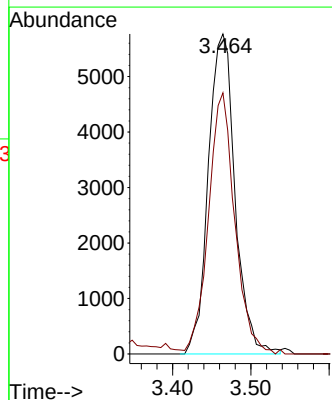
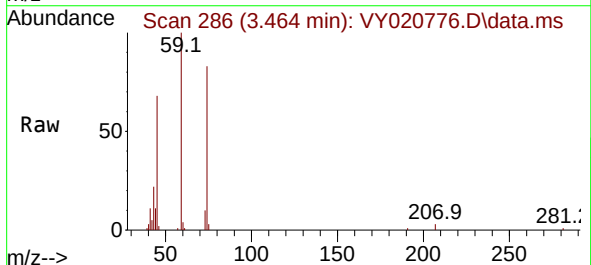
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MSVOA_Y
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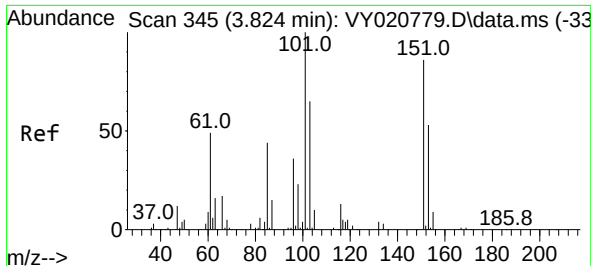
Tgt Ion:101 Resp: 41934
Ion Ratio Lower Upper
101 100
103 65.0 54.6 82.0



#8
Diethyl Ether
Concen: 21.741 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 74 Resp: 13660
Ion Ratio Lower Upper
74 100
45 80.8 41.3 124.1

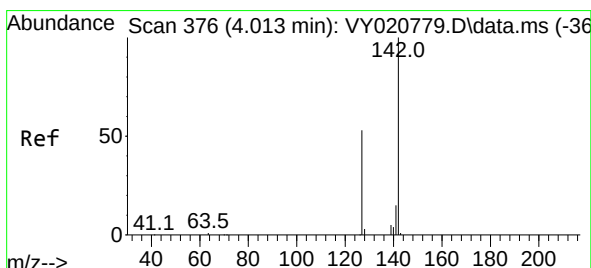
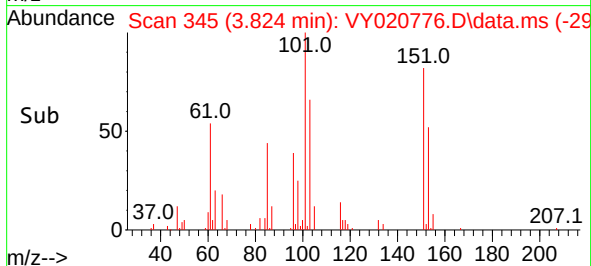
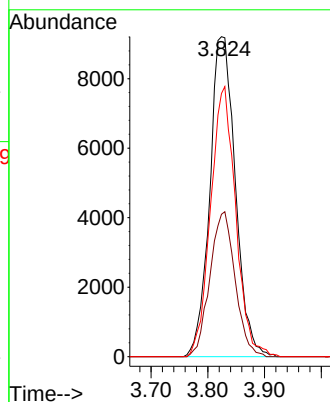
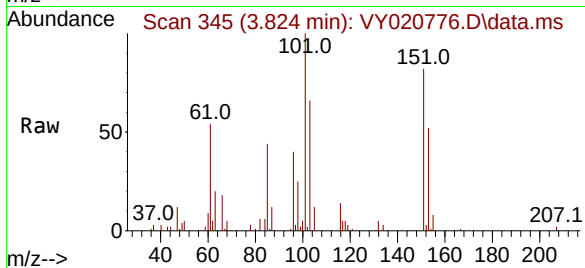




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.293 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
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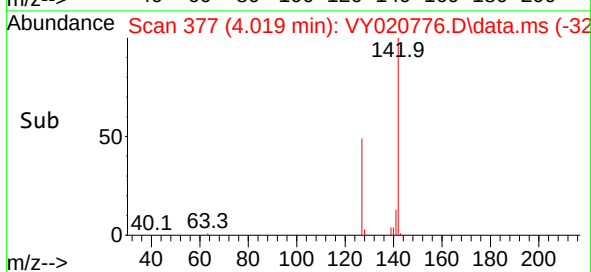
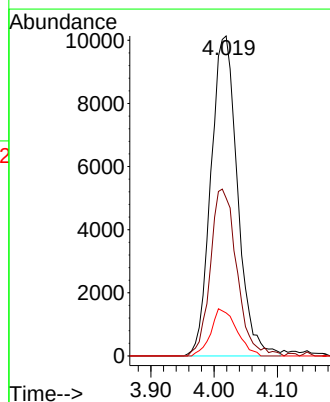
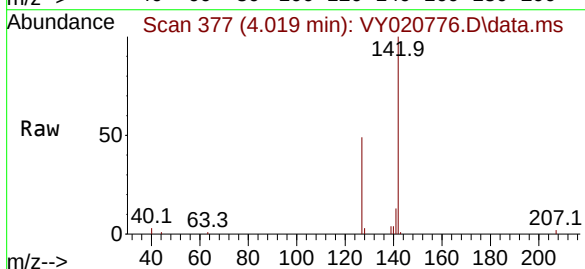
Instrument :
MSVOA_Y
ClientSampleId :

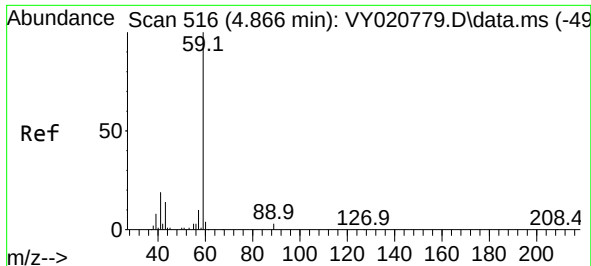
Tgt Ion:101 Resp: 28891
Ion Ratio Lower Upper
101 100
85 44.6 35.9 53.9
151 82.9 66.9 100.3



#10
Methyl Iodide
Concen: 20.335 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion:142 Resp: 29568
Ion Ratio Lower Upper
142 100
127 51.9 41.0 61.6
141 14.3 11.6 17.4

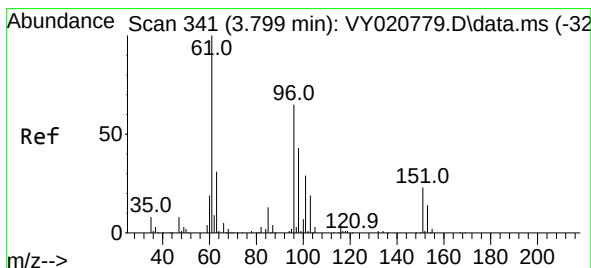
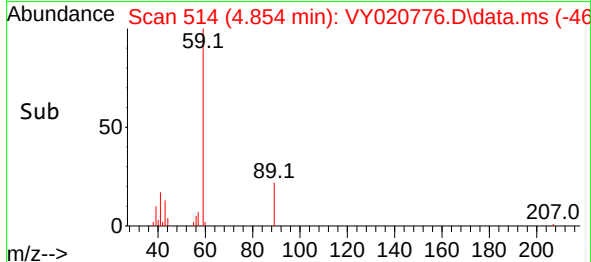
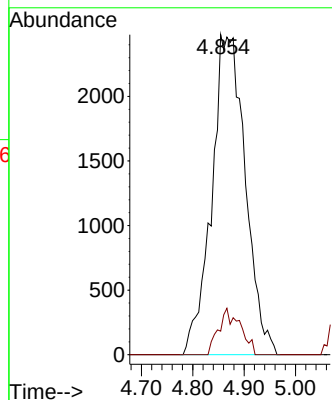
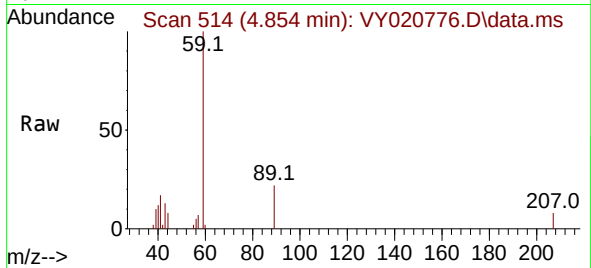




#11
Tert butyl alcohol
Concen: 114.990 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

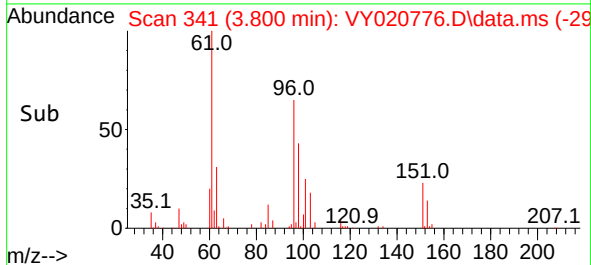
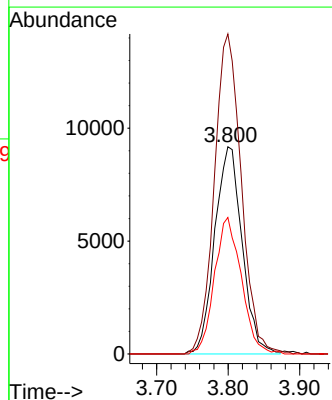
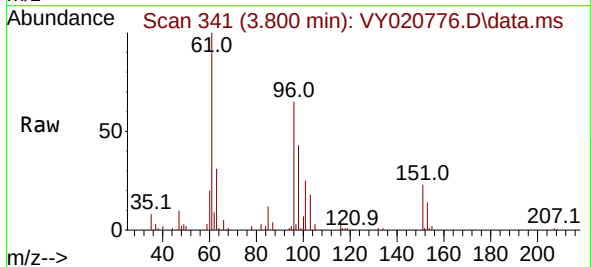
Instrument :
MSVOA_Y
ClientSampleId :

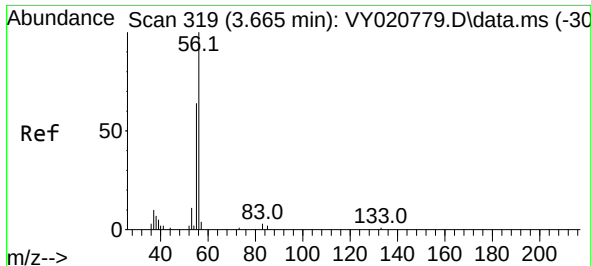
Tgt Ion: 59 Resp: 11255
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.560 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 96 Resp: 24434
Ion Ratio Lower Upper
96 100
61 154.4 117.8 176.8
98 65.8 51.9 77.9

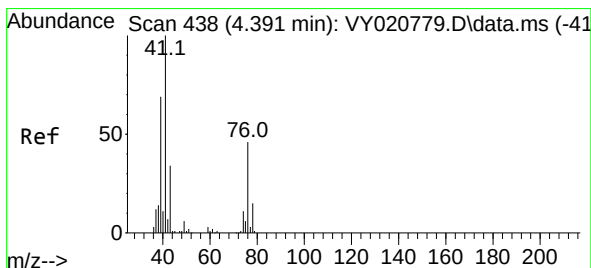
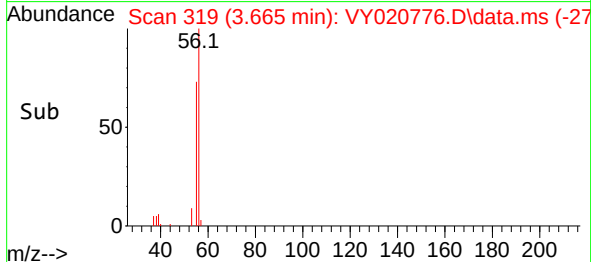
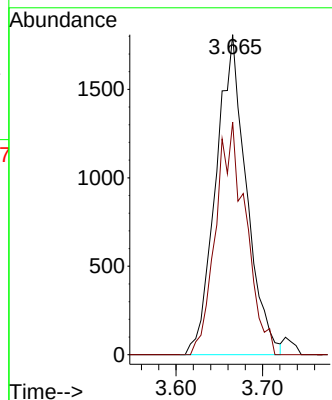
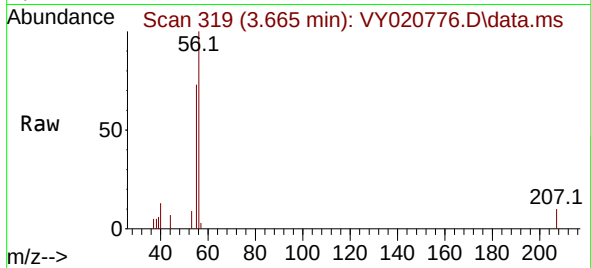




#13
Acrolein
Concen: 161.021 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

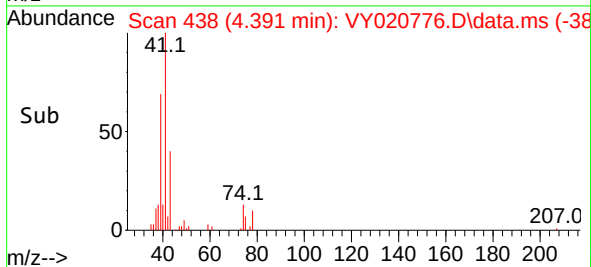
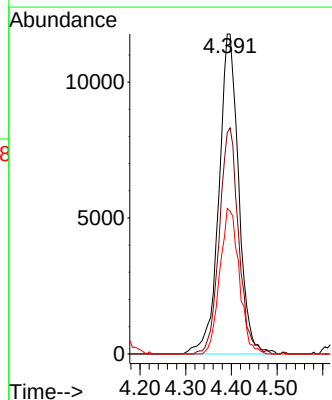
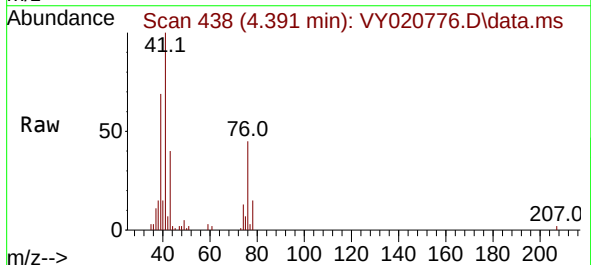
Instrument :
MSVOA_Y
ClientSampleId :

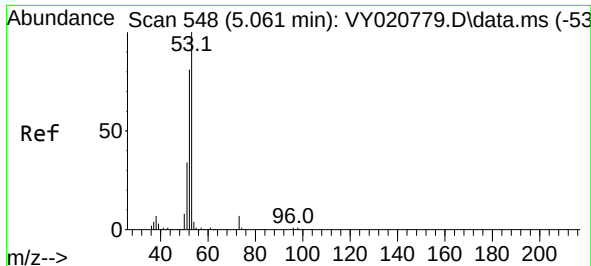
Tgt Ion: 56 Resp: 4426
Ion Ratio Lower Upper
56 100
55 71.7 58.1 87.1



#14
Allyl chloride
Concen: 20.581 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

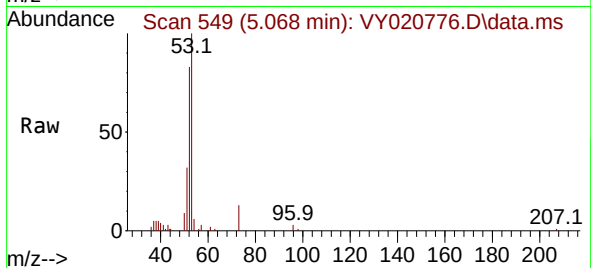
Tgt Ion: 41 Resp: 35288
Ion Ratio Lower Upper
41 100
39 69.2 57.5 86.3
76 44.7 35.6 53.4



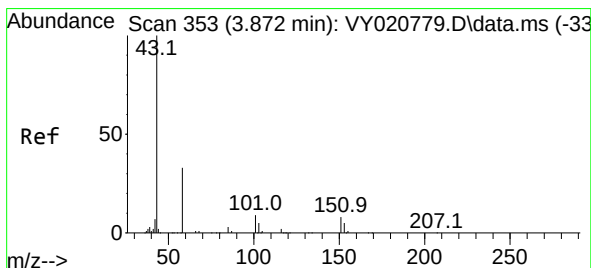
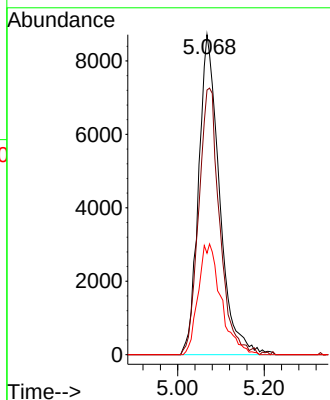
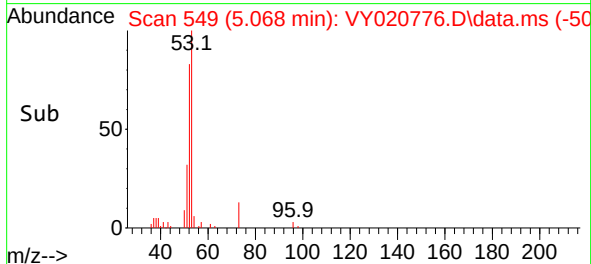


#15
Acrylonitrile
Concen: 109.603 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

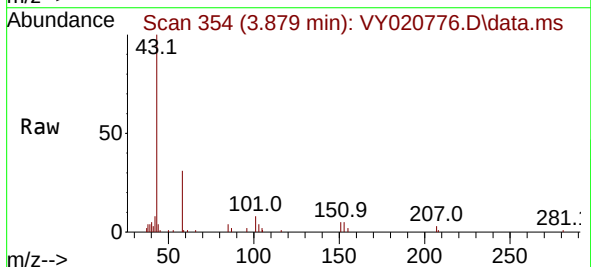
Instrument :
MSVOA_Y
ClientSampleId :



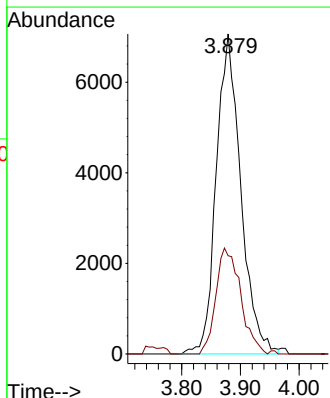
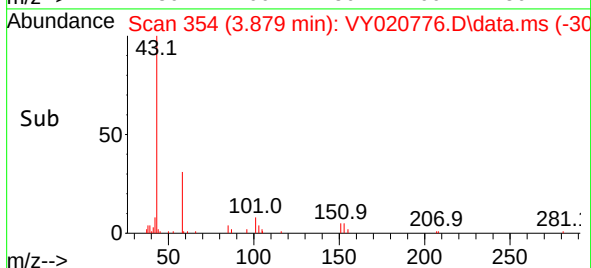
Tgt Ion: 53 Resp: 29268
Ion Ratio Lower Upper
53 100
52 83.4 64.3 96.5
51 37.8 29.3 43.9

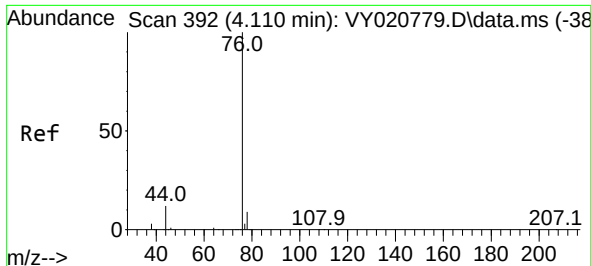


#16
Acetone
Concen: 111.141 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23



Tgt Ion: 43 Resp: 20472
Ion Ratio Lower Upper
43 100
58 30.7 26.7 40.1

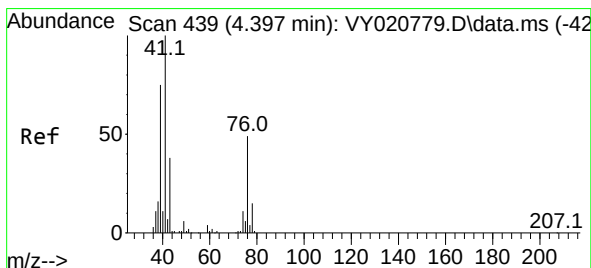
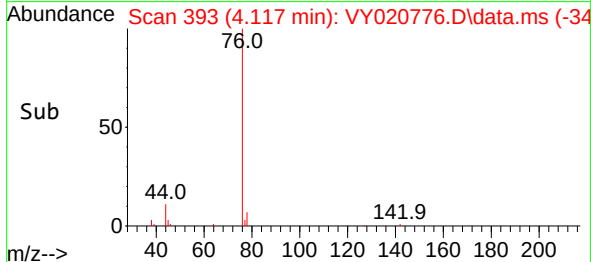
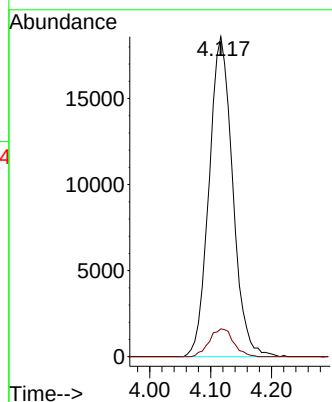
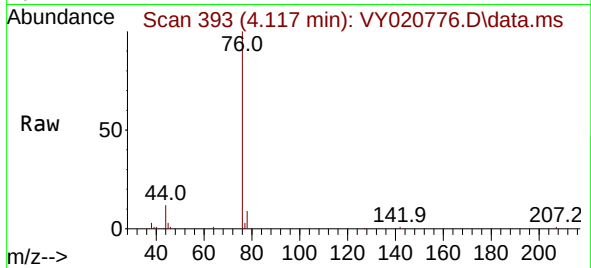




#17
Carbon Disulfide
Concen: 19.424 ug/l
RT: 4.117 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

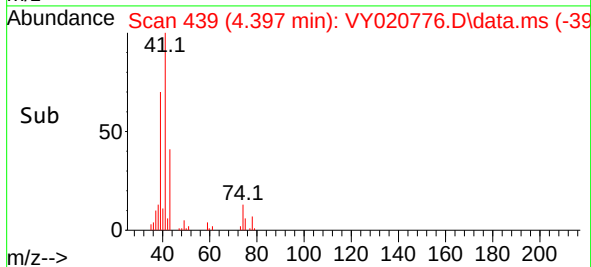
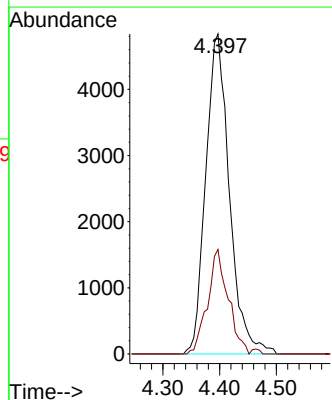
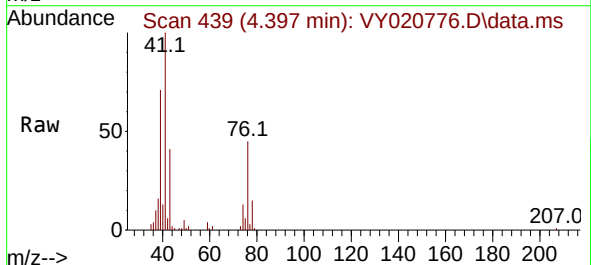
Instrument :
MSVOA_Y
ClientSampleId :

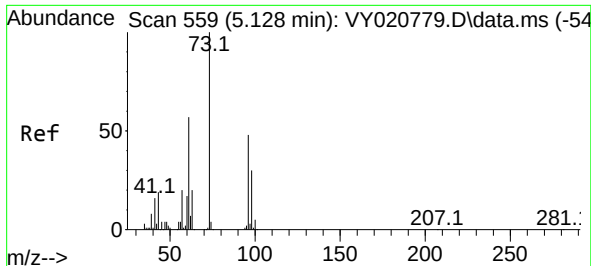
Tgt Ion: 76 Resp: 50078
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 22.542 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 43 Resp: 14020
Ion Ratio Lower Upper
43 100
74 28.4 23.0 34.6

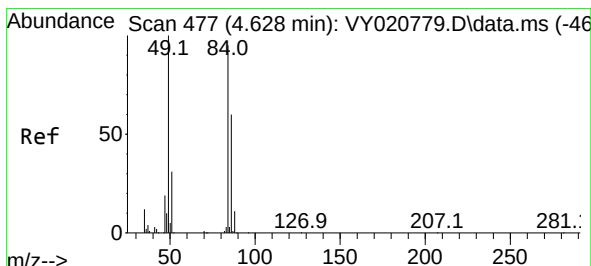
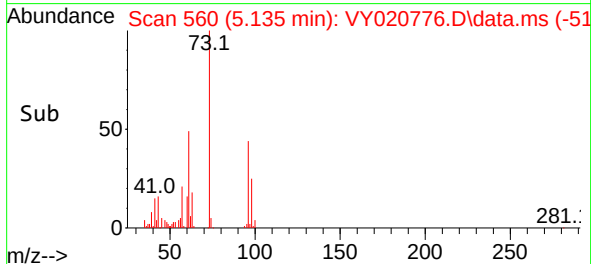
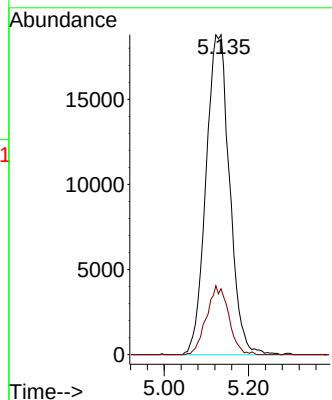
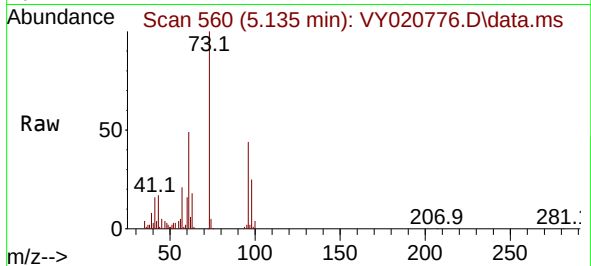




#19
Methyl tert-butyl Ether
Concen: 21.775 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

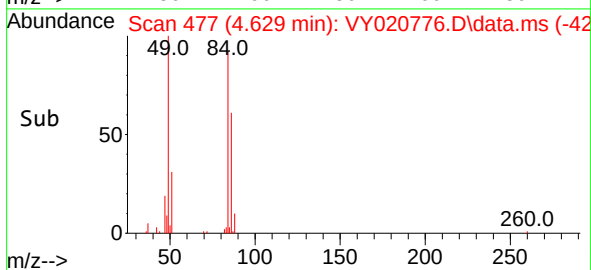
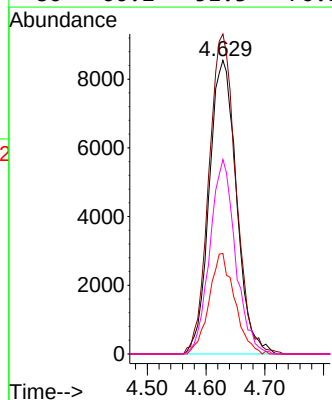
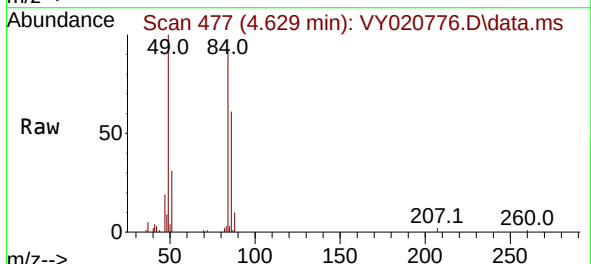
Instrument :
MSVOA_Y
ClientSampleId :

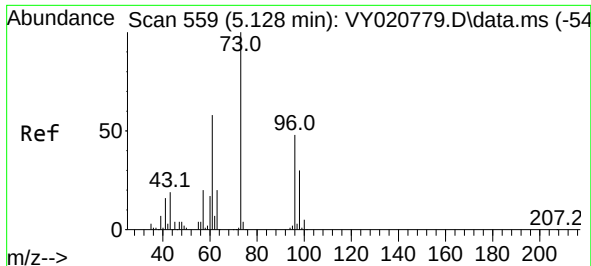
Tgt Ion: 73 Resp: 73032
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 21.620 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

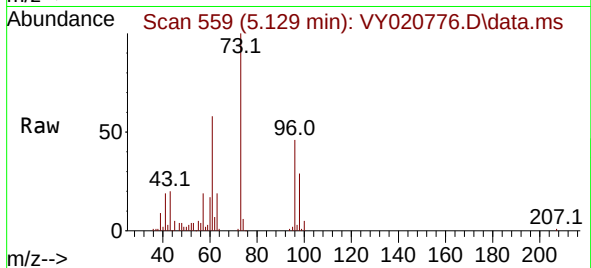
Tgt Ion: 84 Resp: 27503
Ion Ratio Lower Upper
84 100
49 109.0 86.7 130.1
51 34.2 28.4 42.6
86 66.2 51.3 76.9



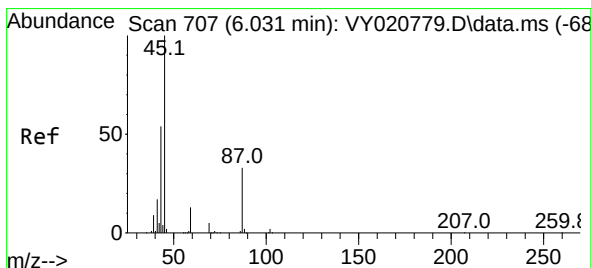
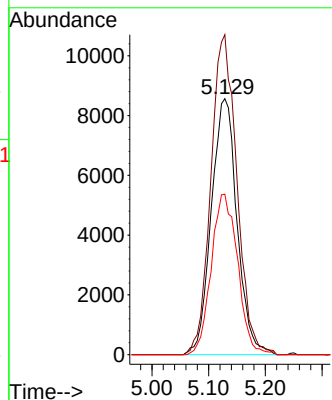
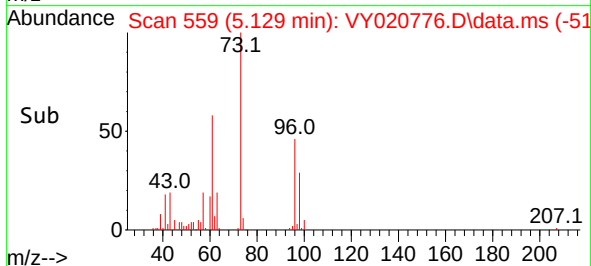


#21
trans-1,2-Dichloroethene
Concen: 20.659 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

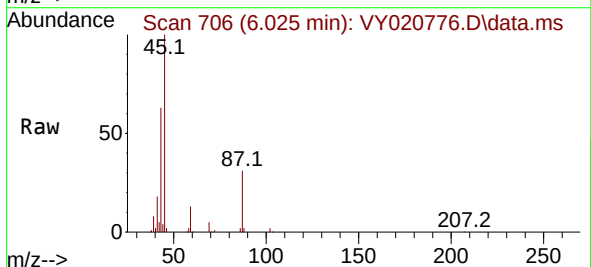
Instrument :
MSVOA_Y
ClientSampleId :



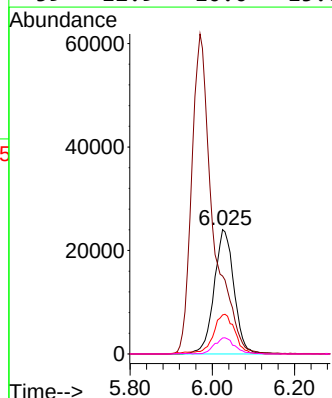
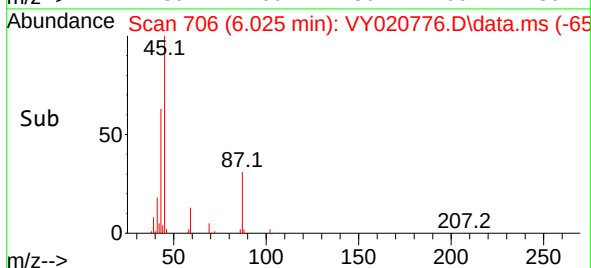
Tgt Ion: 96 Resp: 27038
Ion Ratio Lower Upper
96 100
61 125.0 101.6 152.4
98 62.7 49.4 74.2

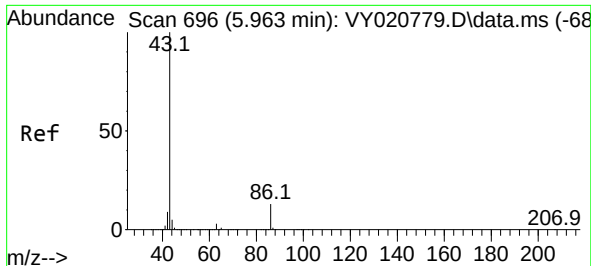


#22
Diisopropyl ether
Concen: 22.059 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23



Tgt Ion: 45 Resp: 80570
Ion Ratio Lower Upper
45 100
43 62.2 43.9 65.9
87 31.4 25.3 37.9
59 12.9 10.0 15.0

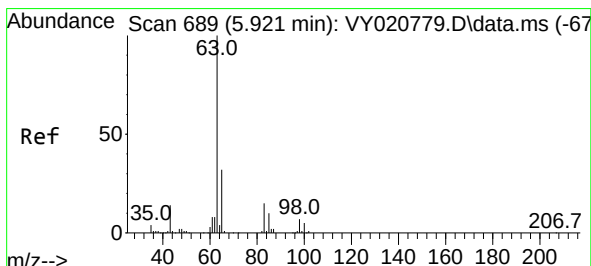
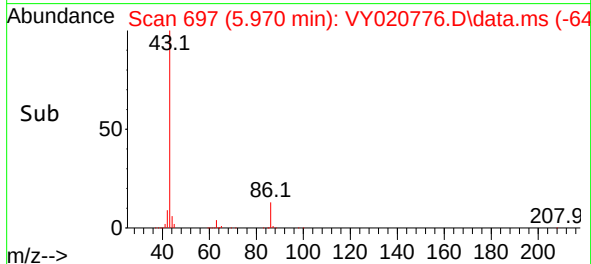
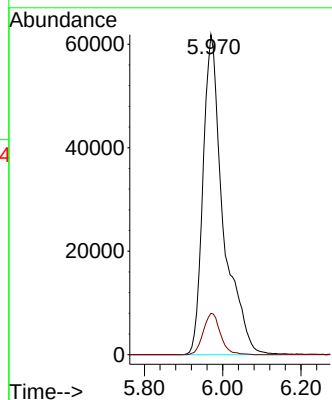
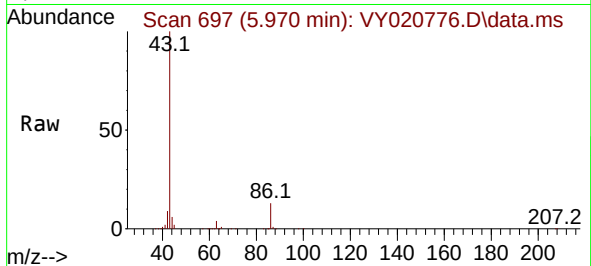




#23
 Vinyl Acetate
 Concen: 110.105 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

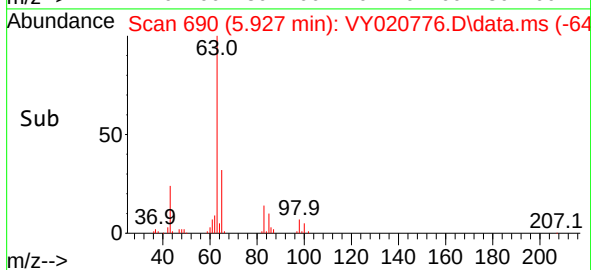
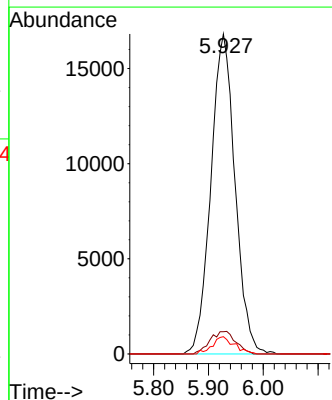
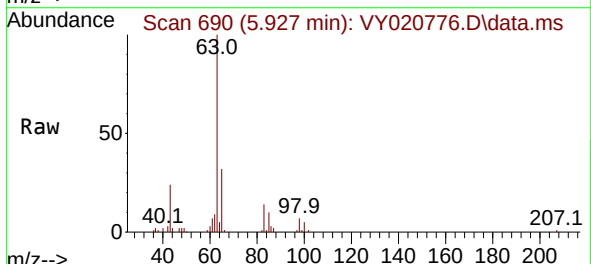
Instrument :
 MSVOA_Y
 ClientSampleId :

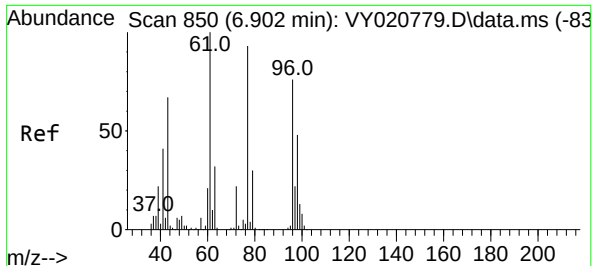
Tgt Ion: 43 Resp: 221732
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 21.384 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion: 63 Resp: 51529
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 112.144 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

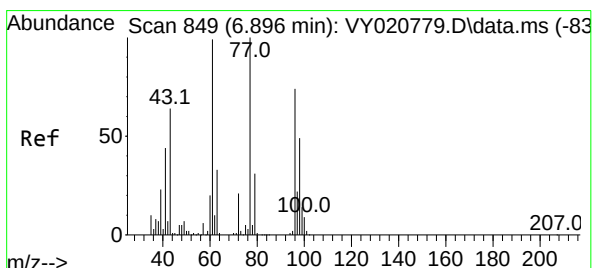
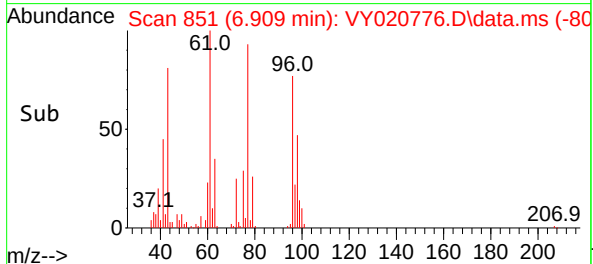
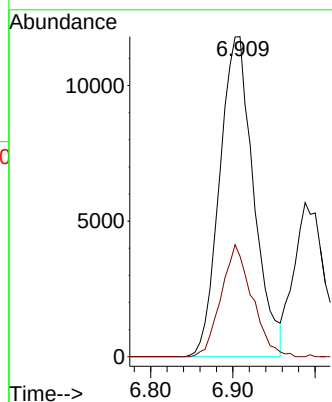
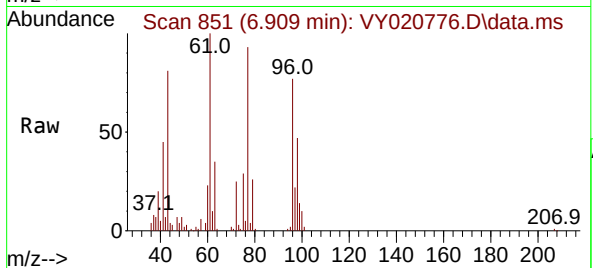
ClientSampleId :

Tgt Ion: 43 Resp: 33932

Ion Ratio Lower Upper

43 100

72 31.3 24.0 36.0



#26

2,2-Dichloropropane

Concen: 21.131 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020776.D

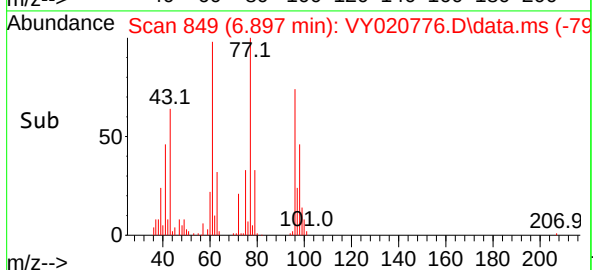
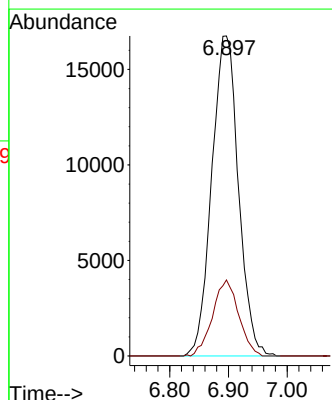
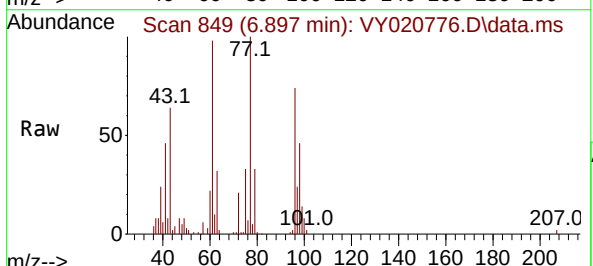
Acq: 06 Jan 2025 10:23

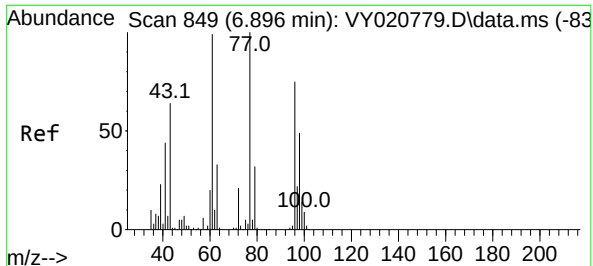
Tgt Ion: 77 Resp: 52867

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.593 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

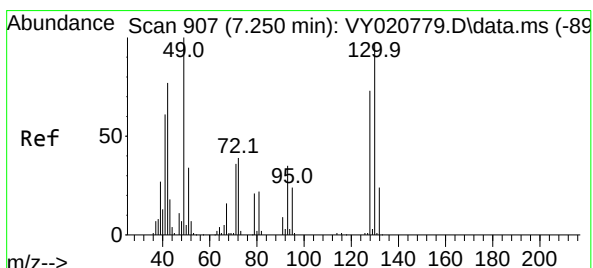
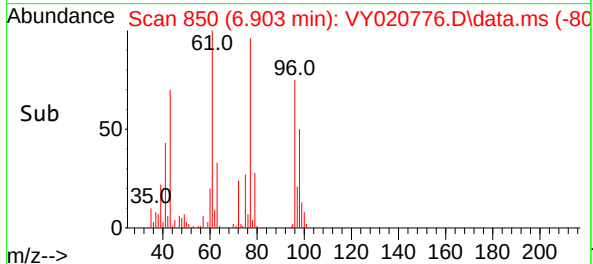
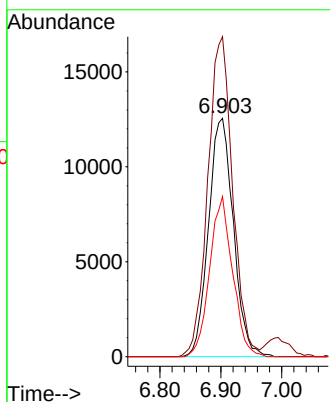
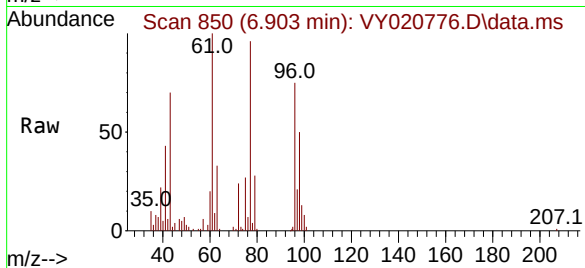
Tgt Ion: 96 Resp: 35656

Ion Ratio Lower Upper

96 100

61 133.8 0.0 271.4

98 61.9 0.0 129.0



#28

Bromochloromethane

Concen: 19.788 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

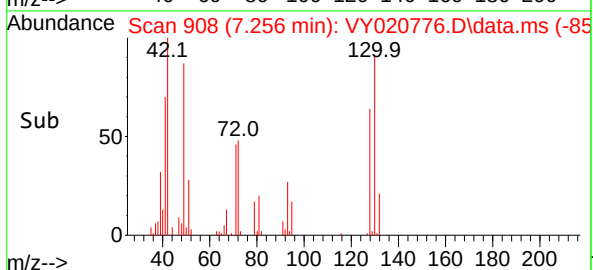
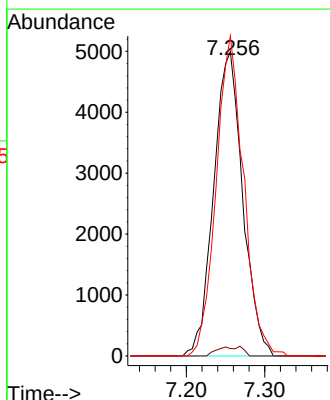
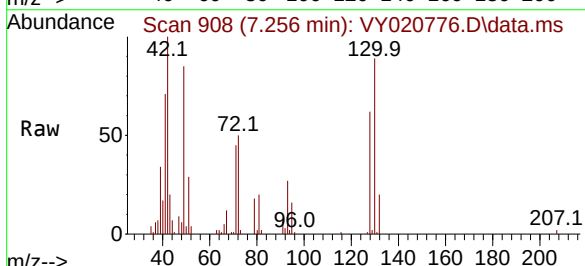
Tgt Ion: 49 Resp: 12867

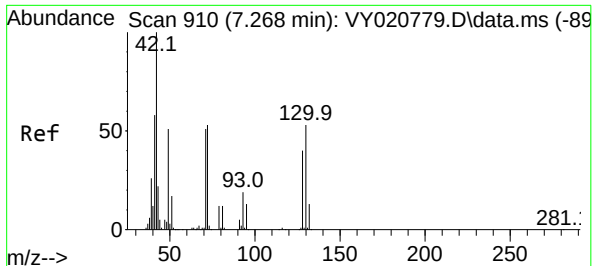
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.2

130 99.3 77.8 116.6





#29

Tetrahydrofuran

Concen: 112.073 ug/l

RT: 7.275 min Scan# 911

Delta R.T. 0.006 min

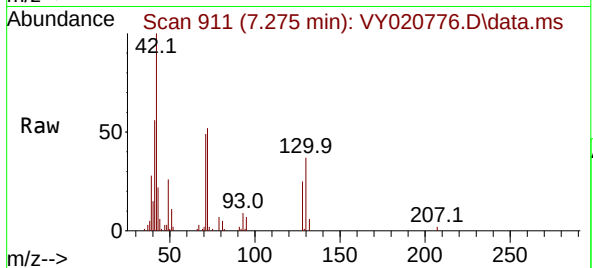
Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

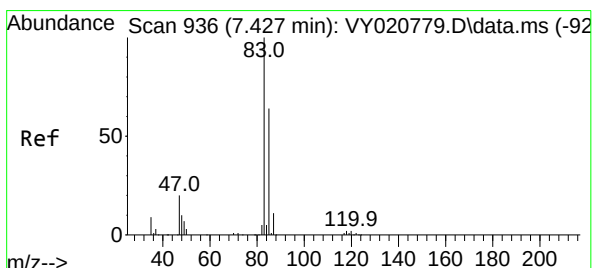
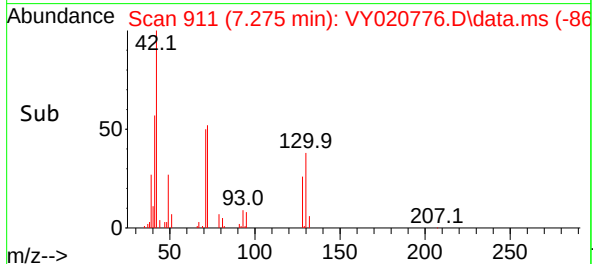
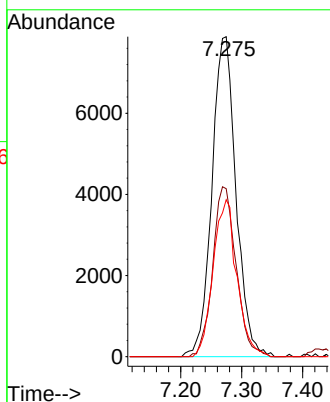
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	21662
Ion Ratio	Lower	Upper	
42	100		
72	51.6	41.8	62.6
71	48.2	39.8	59.8



#30

Chloroform

Concen: 21.517 ug/l

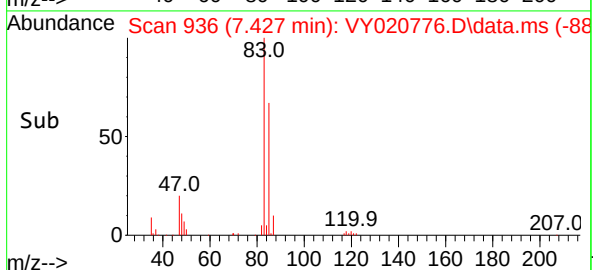
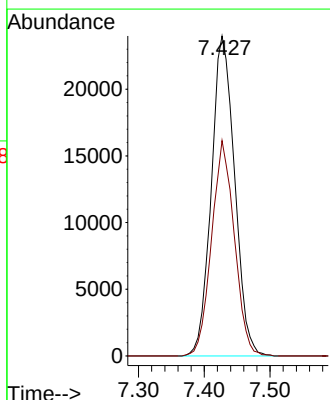
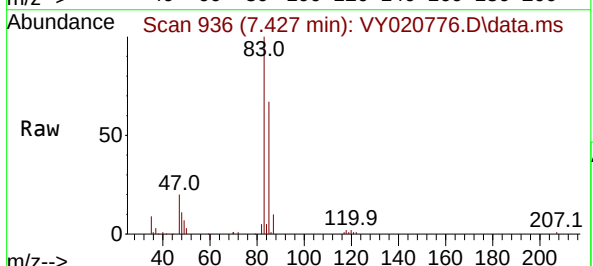
RT: 7.427 min Scan# 936

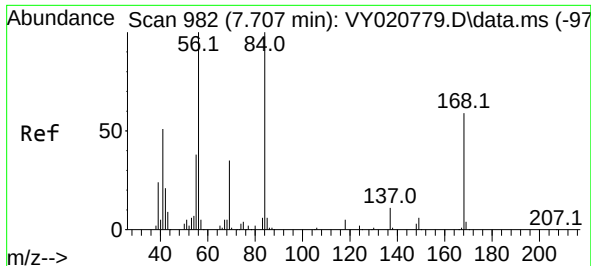
Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

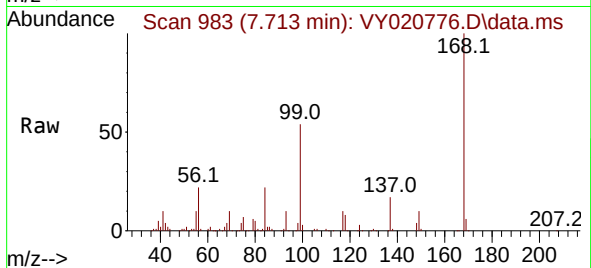
Tgt Ion:	83	Resp:	59130
Ion Ratio	Lower	Upper	
83	100		
85	67.3	51.1	76.7



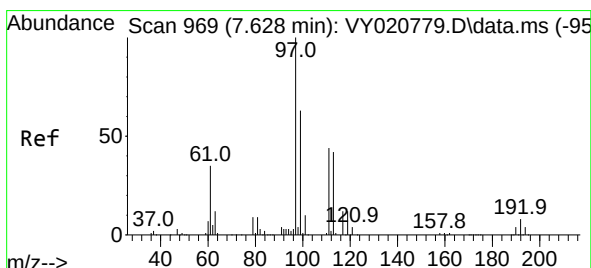
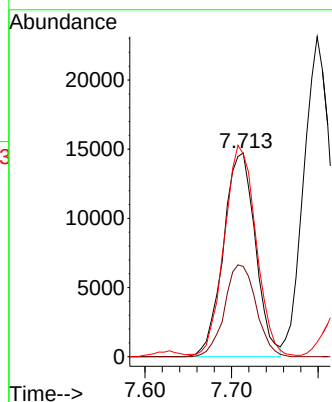
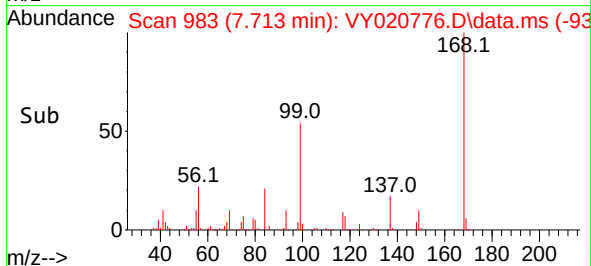


#31
Cyclohexane
Concen: 20.065 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Instrument :
MSVOA_Y
ClientSampleId :

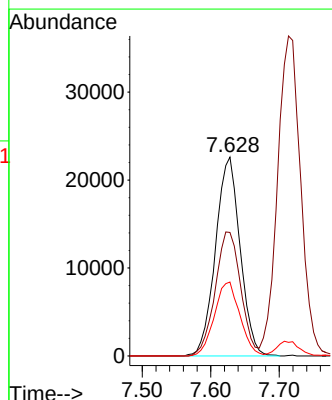
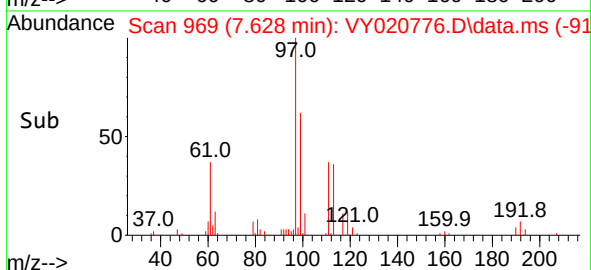
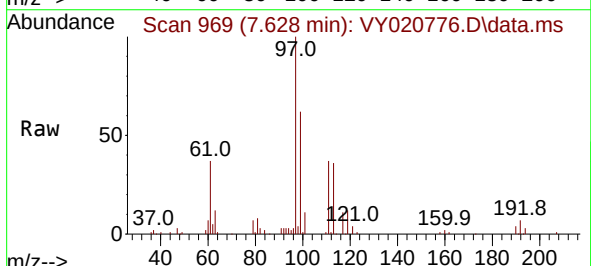


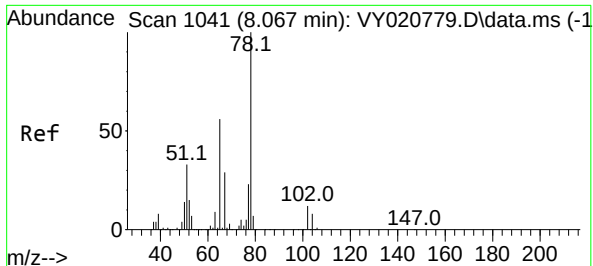
Tgt Ion: 56 Resp: 37819
Ion Ratio Lower Upper
56 100
69 44.3 30.5 45.7
84 98.0 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 21.066 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 97 Resp: 56467
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 38.5 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 19.597 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

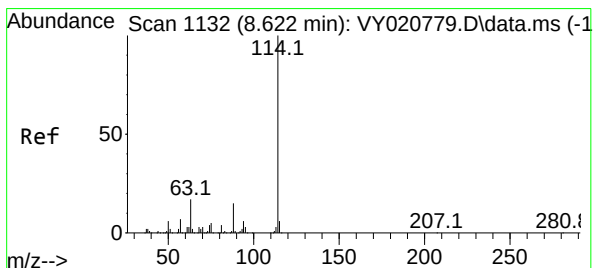
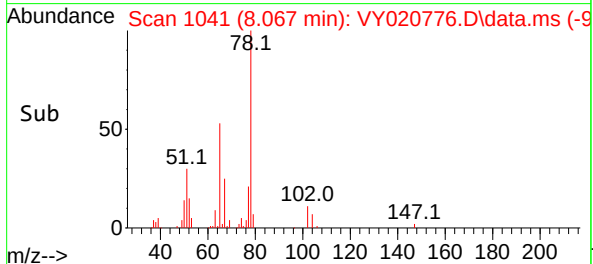
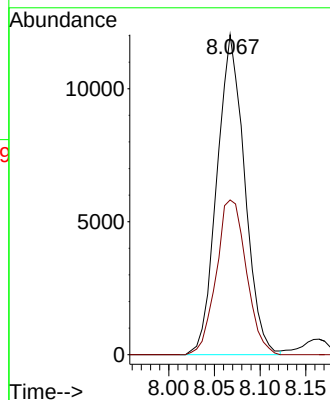
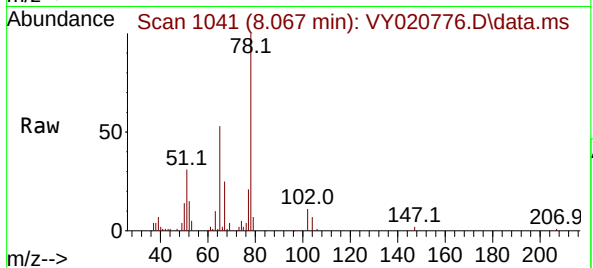
ClientSampleId :

Tgt Ion: 65 Resp: 25385

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

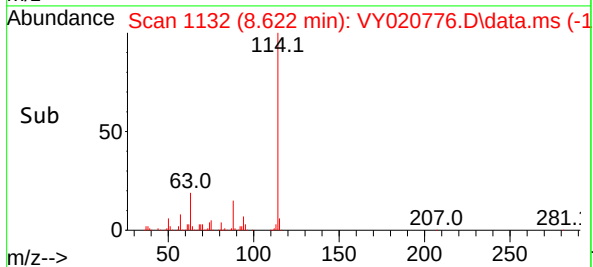
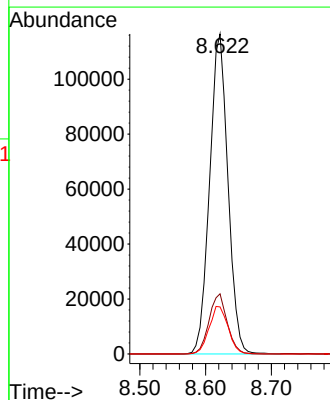
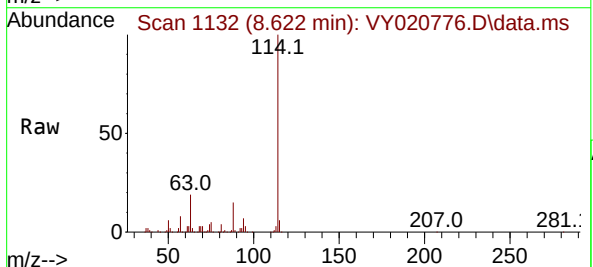
Tgt Ion: 114 Resp: 225358

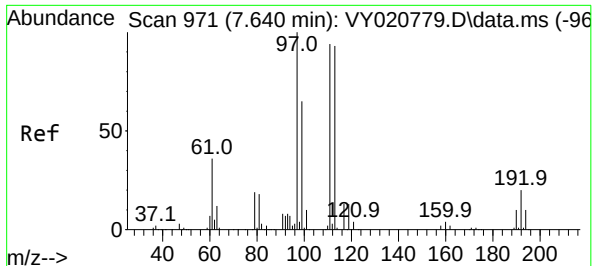
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 20.601 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

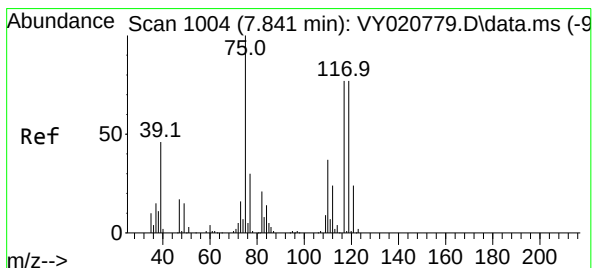
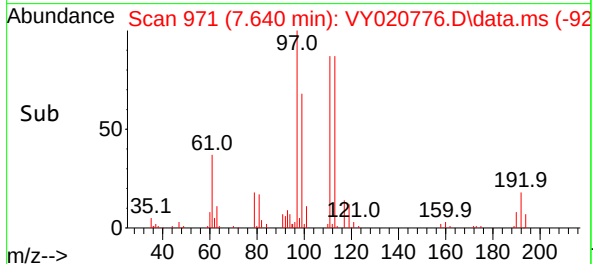
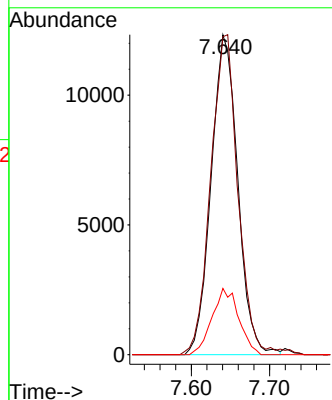
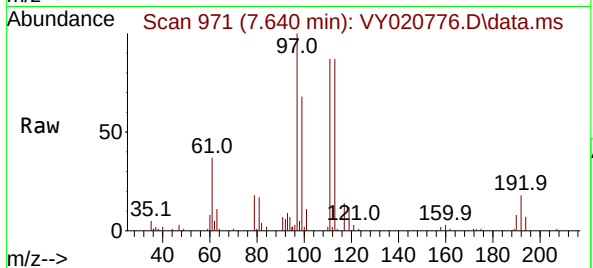
Tgt Ion:113 Resp: 29086

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

192 20.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 20.916 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

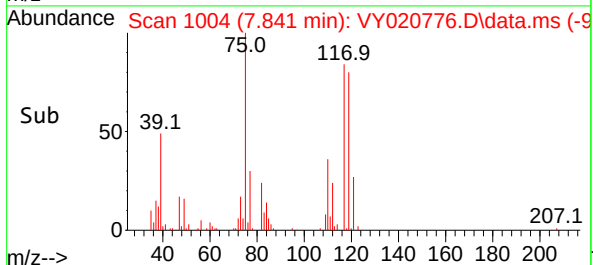
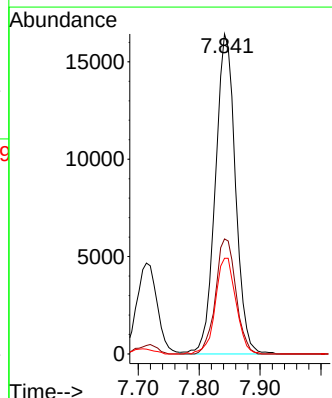
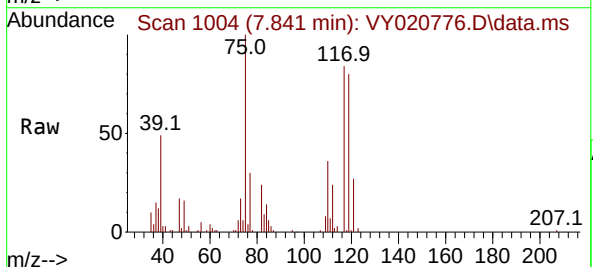
Tgt Ion: 75 Resp: 37666

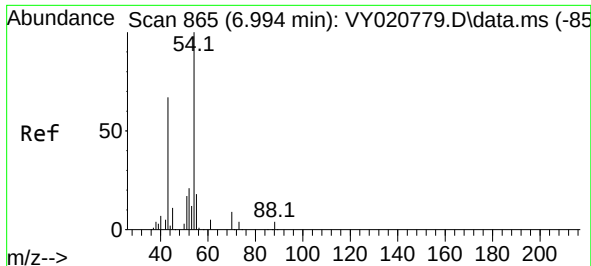
Ion Ratio Lower Upper

75 100

110 36.4 18.5 55.5

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 21.858 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

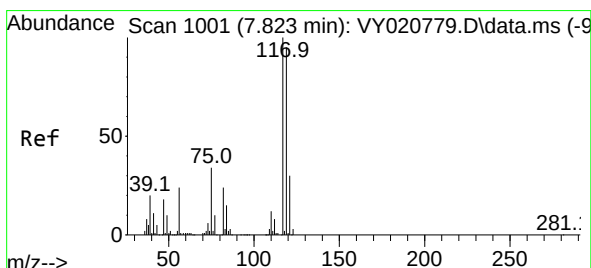
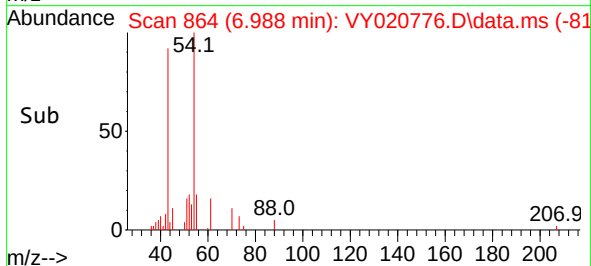
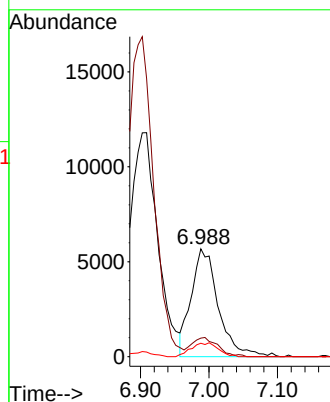
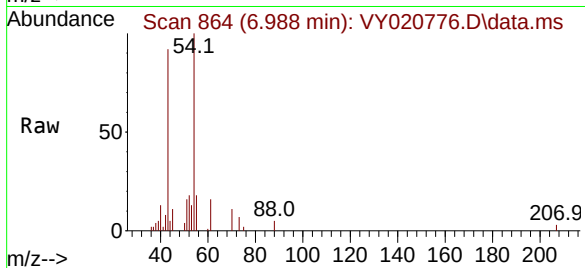
Tgt Ion: 43 Resp: 15664

Ion Ratio Lower Upper

43 100

61 17.0 11.8 17.6

70 12.7 9.8 14.8



#38

Carbon Tetrachloride

Concen: 20.955 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

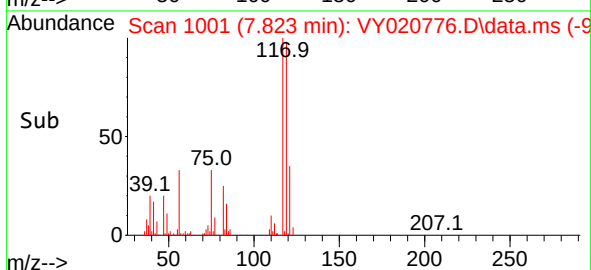
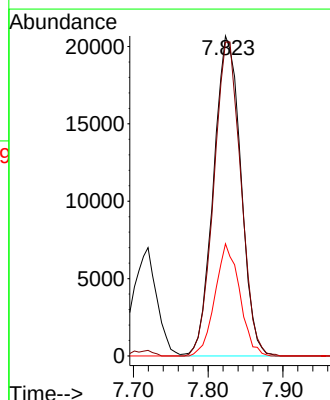
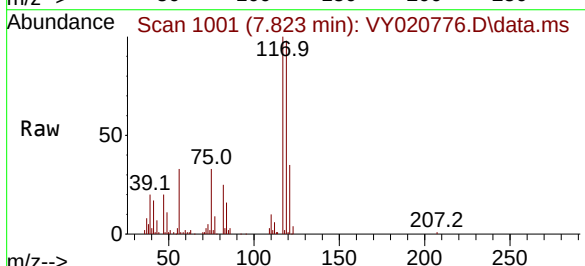
Tgt Ion: 117 Resp: 52528

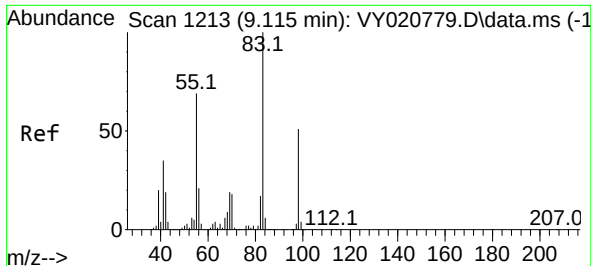
Ion Ratio Lower Upper

117 100

119 98.0 76.5 114.7

121 35.1 24.3 36.5





#39

Methylcyclohexane

Concen: 20.636 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

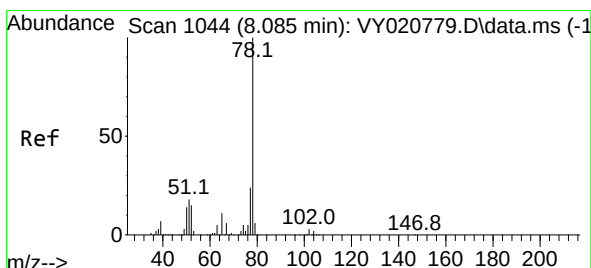
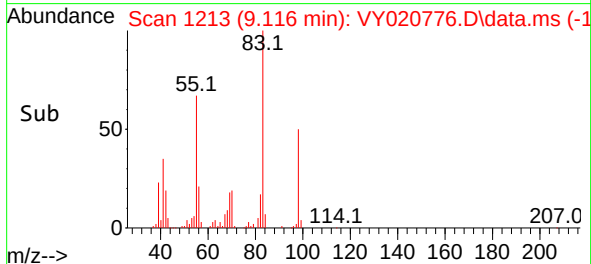
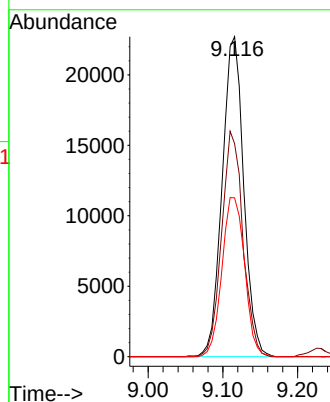
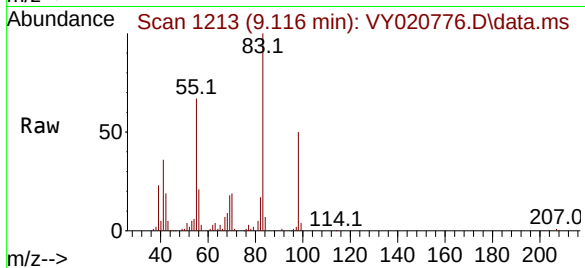
Tgt Ion: 83 Resp: 45601

Ion Ratio Lower Upper

83 100

55 66.5 54.8 82.2

98 49.7 40.0 60.0



#40

Benzene

Concen: 21.304 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020776.D

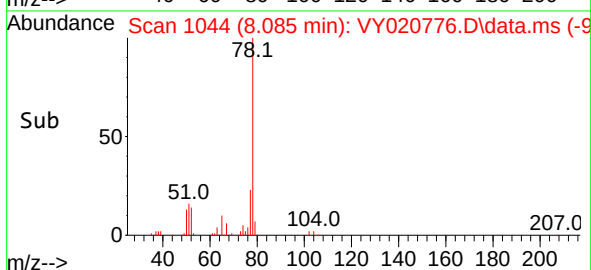
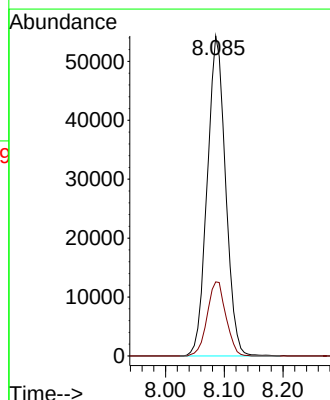
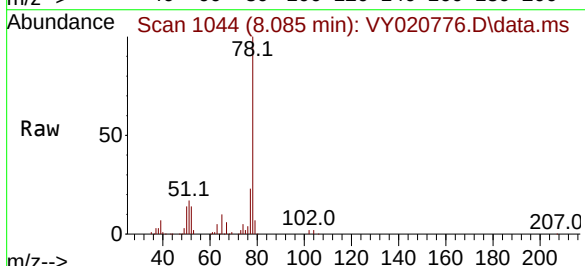
Acq: 06 Jan 2025 10:23

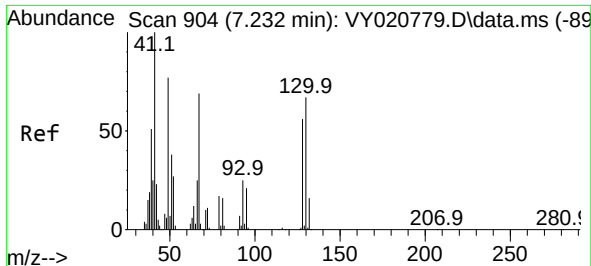
Tgt Ion: 78 Resp: 117743

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2



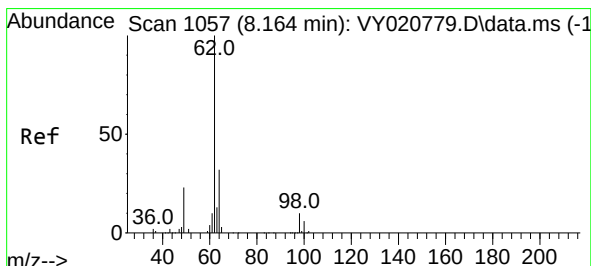
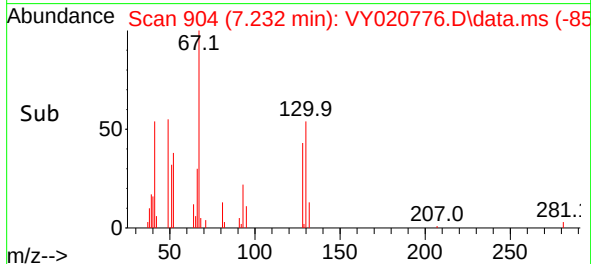
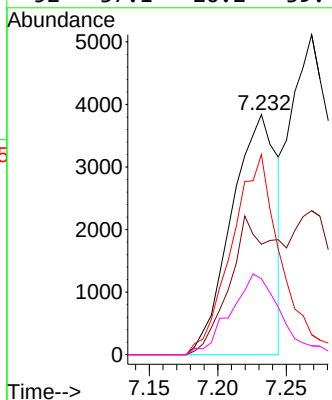
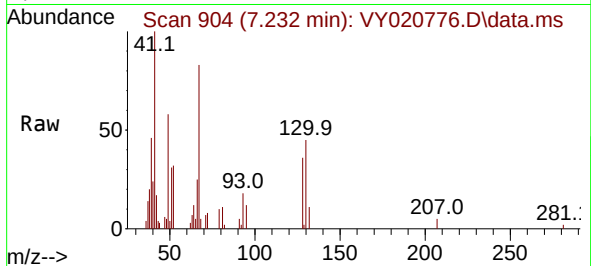


#41
Methacrylonitrile
Concen: 21.546 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 8843

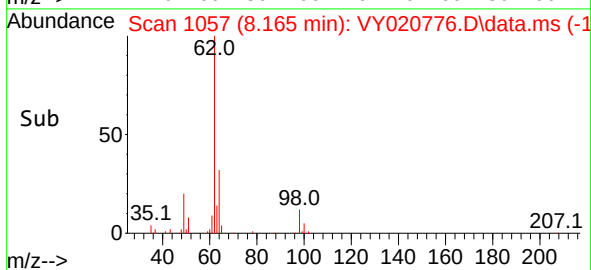
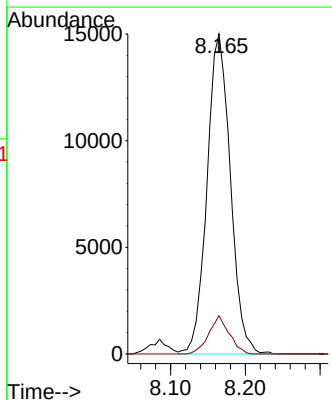
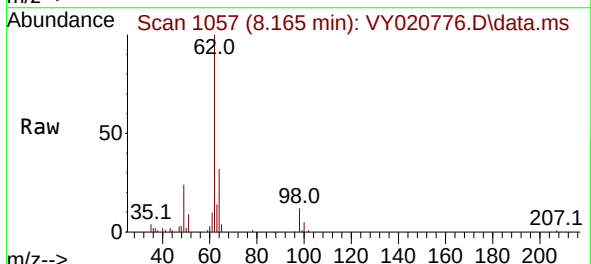
Ion	Ratio	Lower	Upper
41	100		
39	48.1	42.4	63.6
67	90.1	67.8	101.8
52	37.1	26.2	39.4

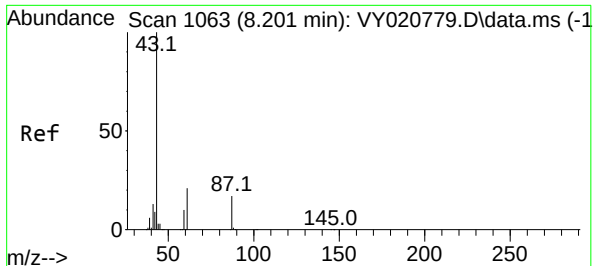


#42
1,2-Dichloroethane
Concen: 21.621 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 62 Resp: 32634

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.6





#43

Isopropyl Acetate

Concen: 22.488 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

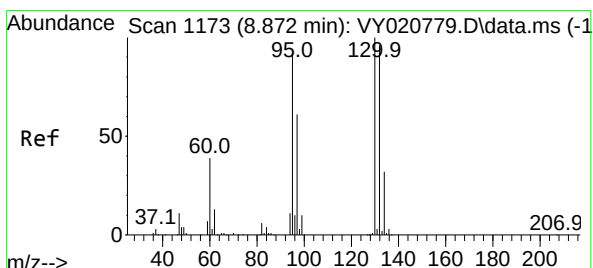
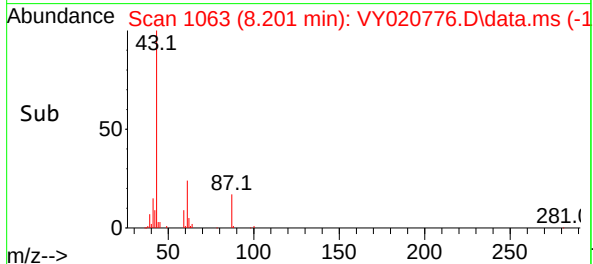
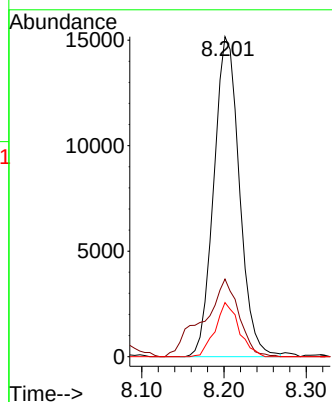
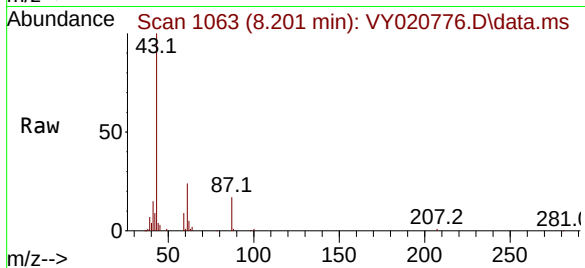
Tgt Ion: 43 Resp: 32778

Ion Ratio Lower Upper

43 100

61 33.5 26.5 39.7

87 15.8 13.4 20.0



#44

Trichloroethene

Concen: 21.311 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VY020776.D

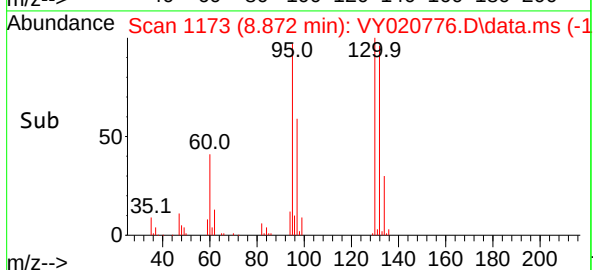
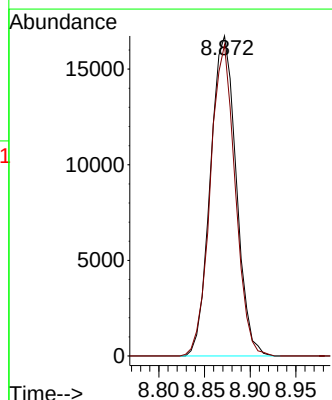
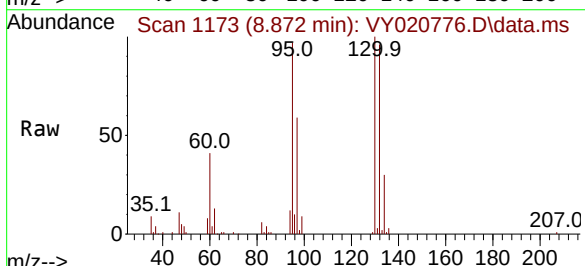
Acq: 06 Jan 2025 10:23

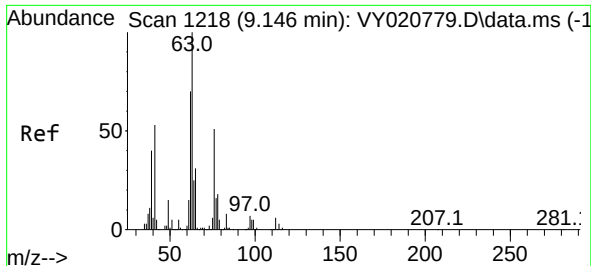
Tgt Ion:130 Resp: 32834

Ion Ratio Lower Upper

130 100

95 97.2 0.0 181.0





#45

1,2-Dichloropropane

Concen: 21.788 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

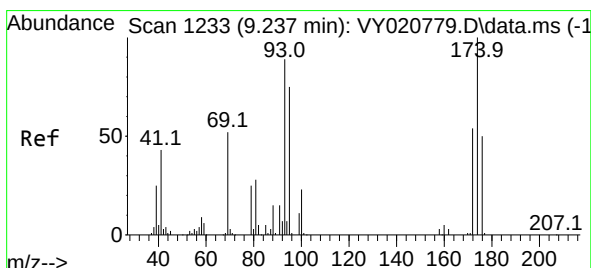
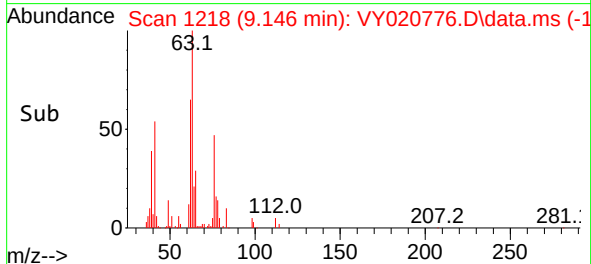
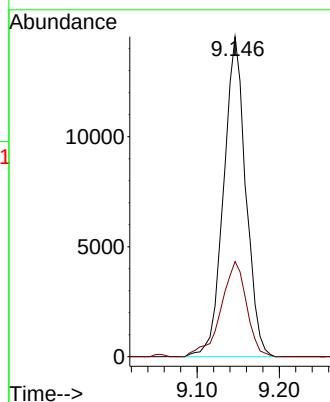
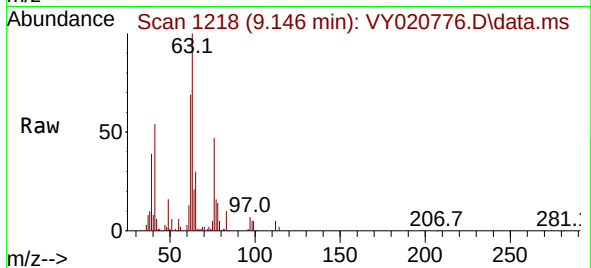
ClientSampleId :

Tgt Ion: 63 Resp: 27300

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.4



#46

Dibromomethane

Concen: 21.143 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

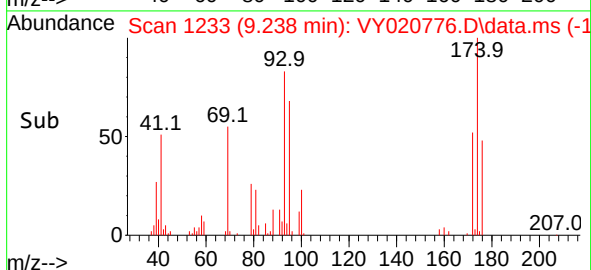
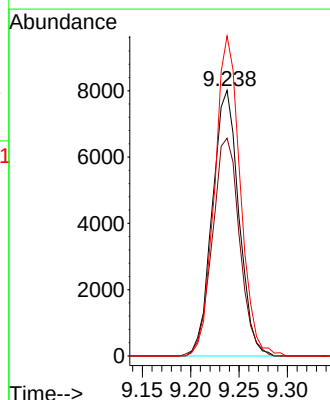
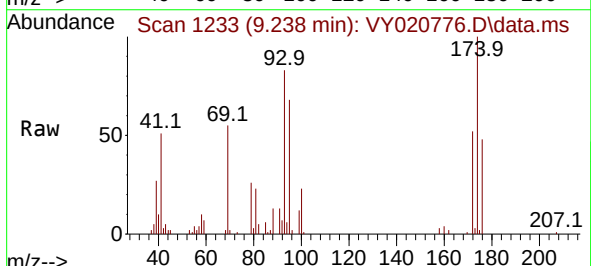
Tgt Ion: 93 Resp: 15212

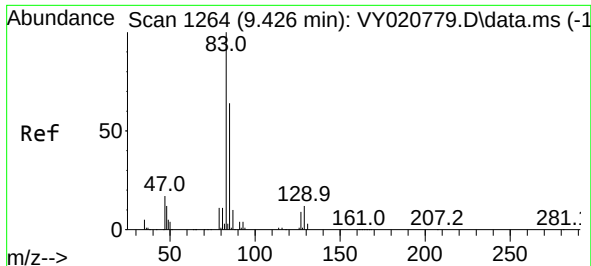
Ion Ratio Lower Upper

93 100

95 84.2 68.2 102.4

174 116.5 89.0 133.6

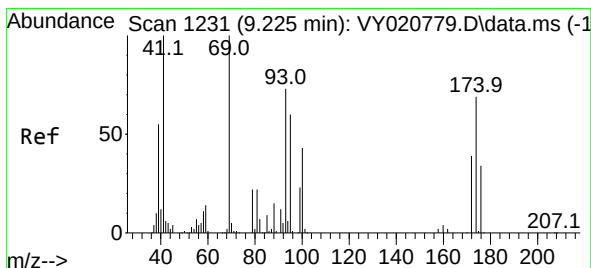
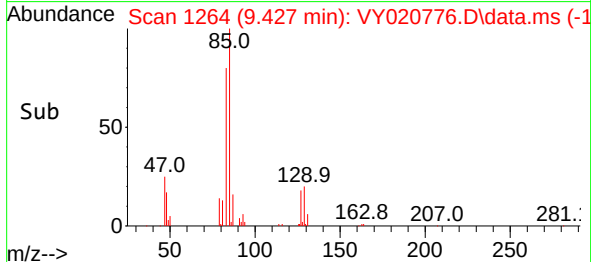
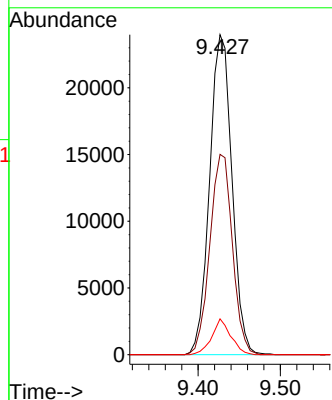
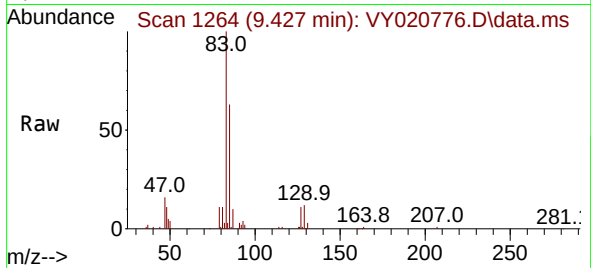




#47
Bromodichloromethane
Concen: 21.985 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

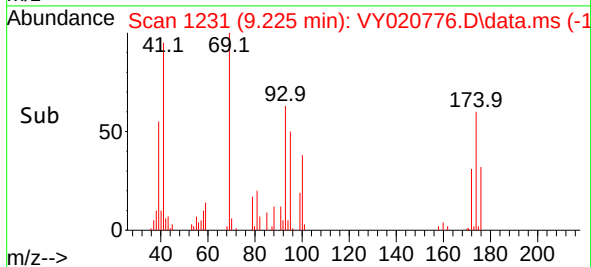
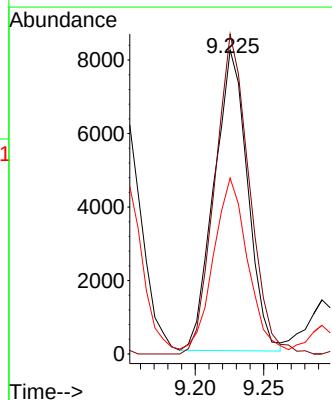
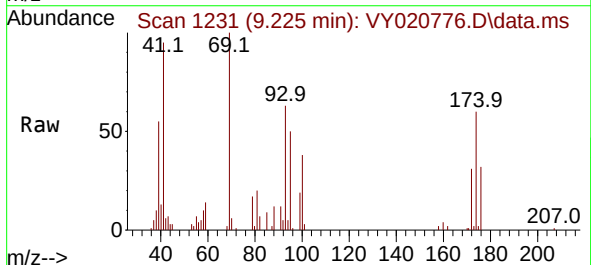
Instrument :
MSVOA_Y
ClientSampleId :

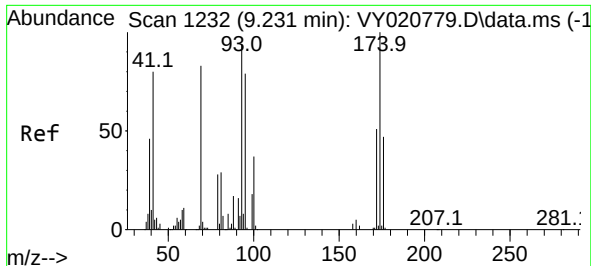
Tgt Ion: 83 Resp: 45302
Ion Ratio Lower Upper
83 100
85 62.6 50.7 76.1
127 11.2 7.9 11.9



#48
Methyl methacrylate
Concen: 21.351 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 41 Resp: 13952
Ion Ratio Lower Upper
41 100
69 109.0 78.9 118.3
39 57.6 44.6 67.0

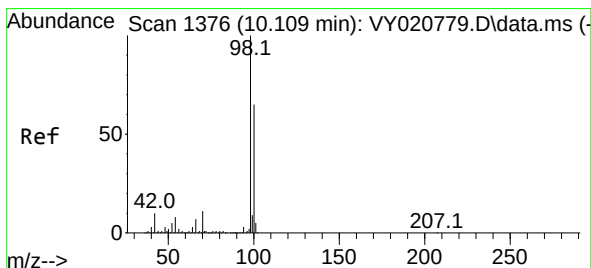
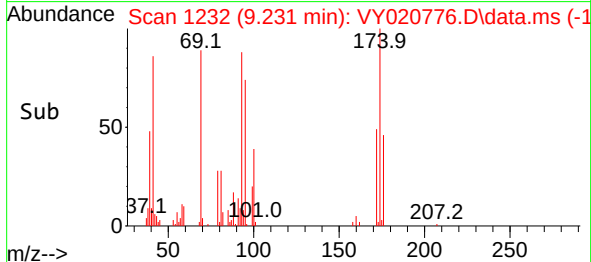
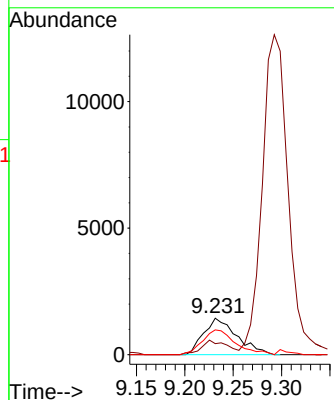
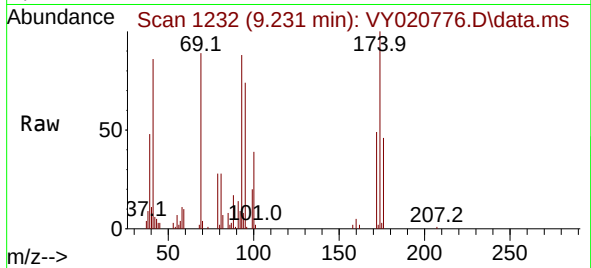




#49
1,4-Dioxane
Concen: 450.704 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

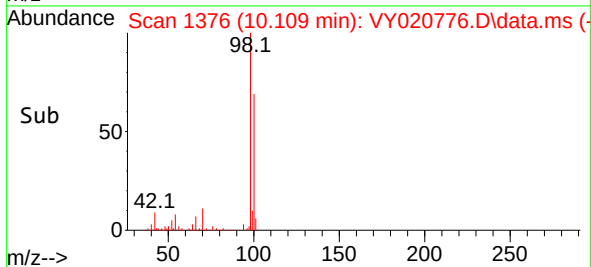
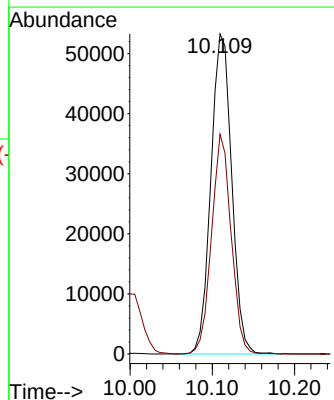
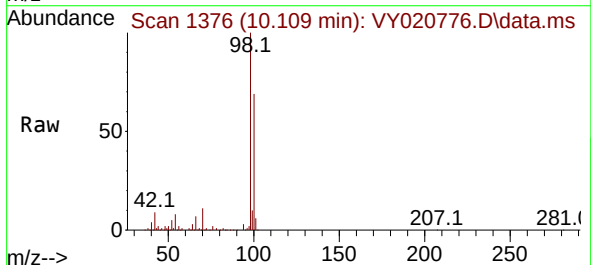
Instrument :
MSVOA_Y
ClientSampleId :

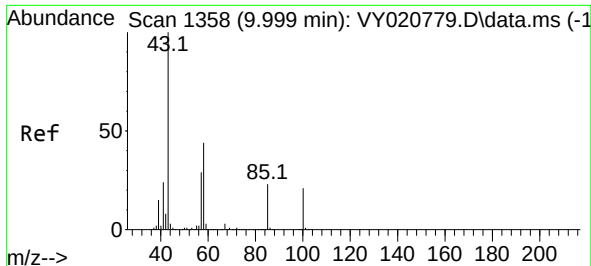
Tgt Ion: 88 Resp: 3443
Ion Ratio Lower Upper
88 100
43 31.4 24.4 36.6
58 67.3 51.0 76.6



#50
Toluene-d8
Concen: 19.017 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 98 Resp: 93598
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 114.459 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

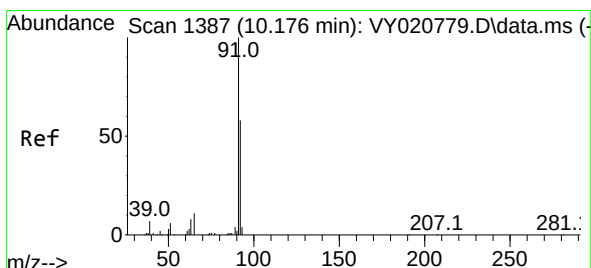
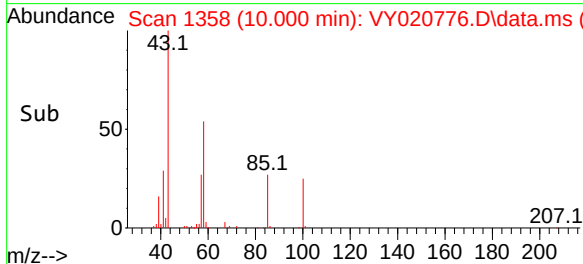
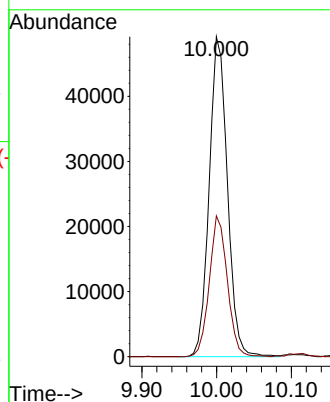
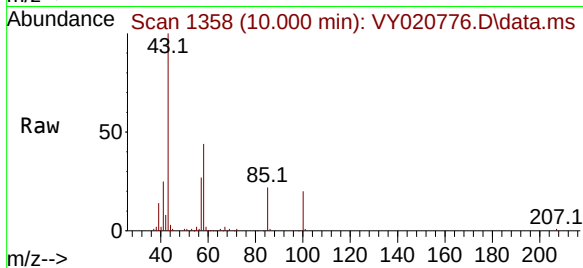
ClientSampleId :

Tgt Ion: 43 Resp: 83349

Ion Ratio Lower Upper

43 100

58 43.6 34.8 52.2



#52

Toluene

Concen: 21.638 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020776.D

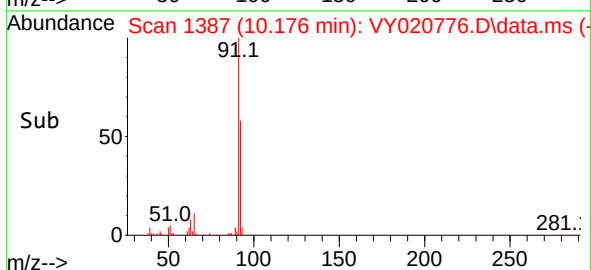
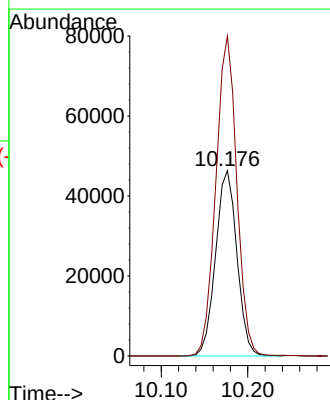
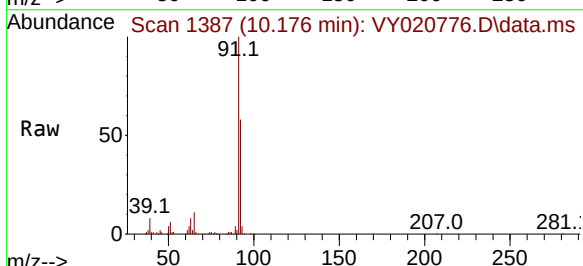
Acq: 06 Jan 2025 10:23

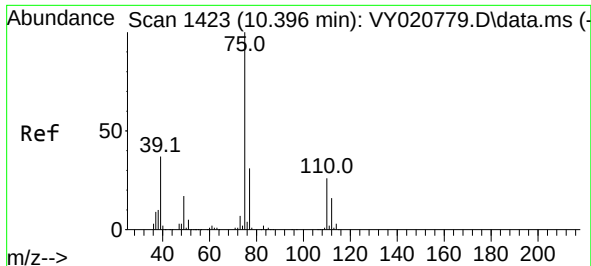
Tgt Ion: 92 Resp: 79192

Ion Ratio Lower Upper

92 100

91 169.6 136.6 204.8

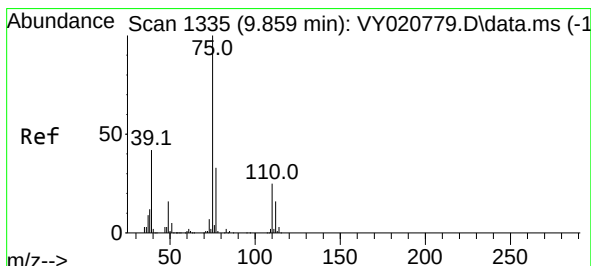
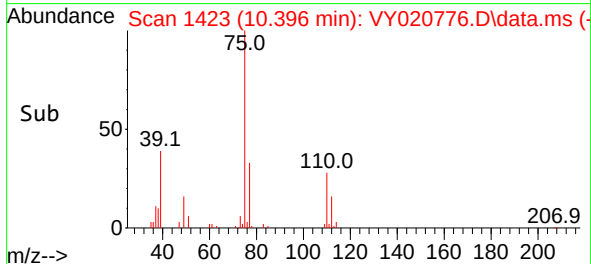
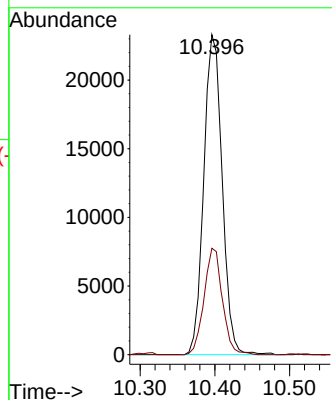
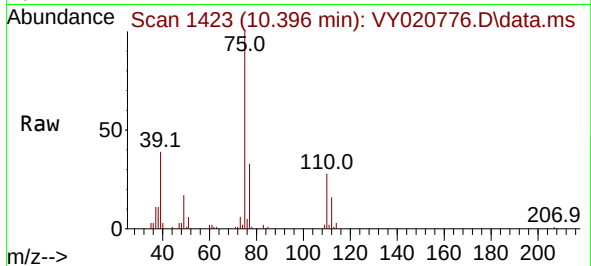




#53
 t-1,3-Dichloropropene
 Concen: 21.763 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

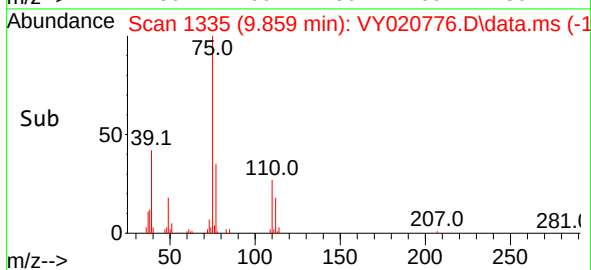
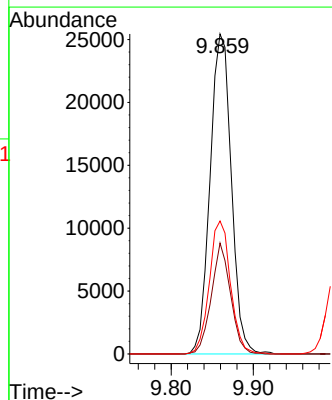
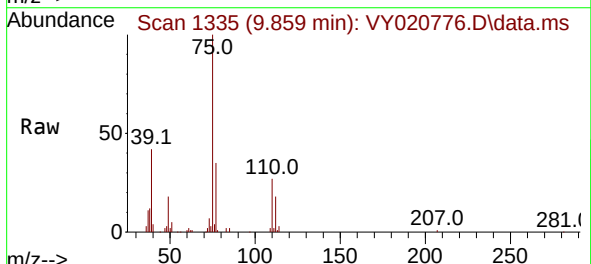
Instrument :
 MSVOA_Y
 ClientSampleId :

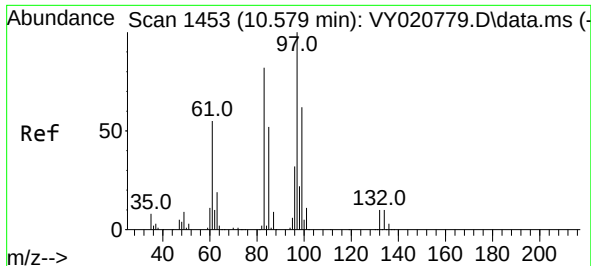
Tgt Ion: 75 Resp: 39886
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.445 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion: 75 Resp: 45644
 Ion Ratio Lower Upper
 75 100
 77 34.7 24.5 36.7
 39 41.6 30.7 46.1

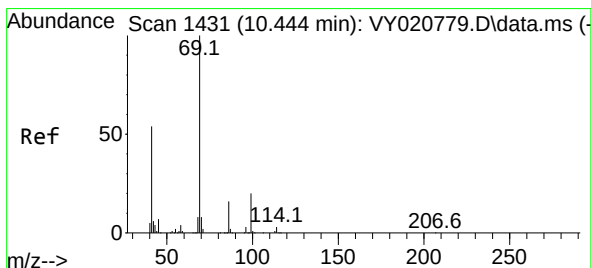
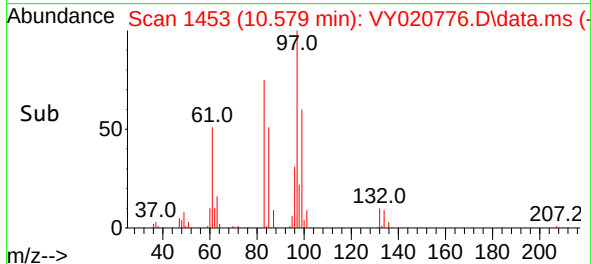
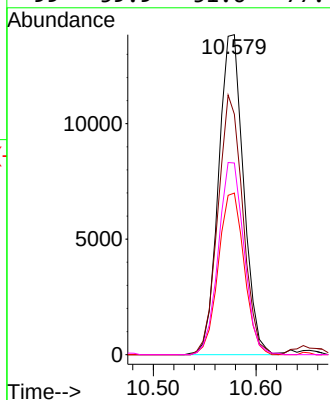
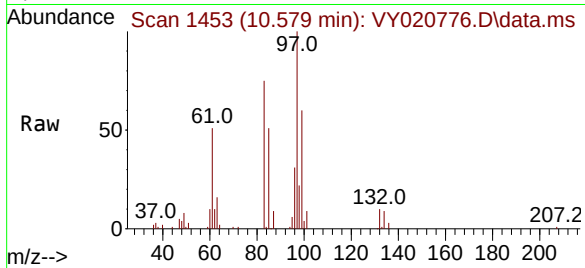




#55
1,1,2-Trichloroethane
Concen: 22.778 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

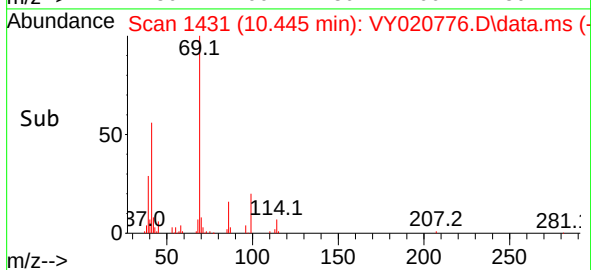
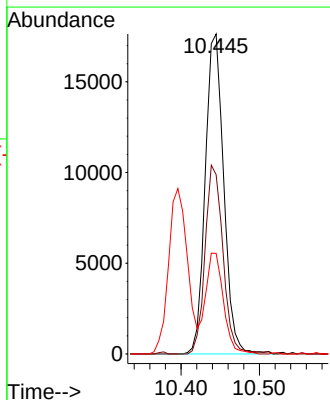
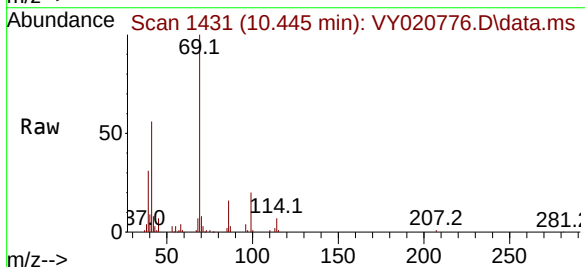
Instrument :
MSVOA_Y
ClientSampleId :

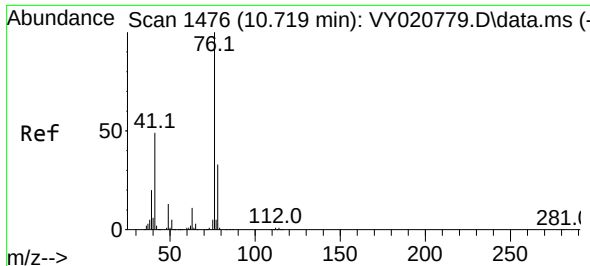
Tgt Ion:	97	Resp:	23414
Ion	Ratio	Lower	Upper
97	100		
83	75.1	62.8	94.2
85	50.5	42.4	63.6
99	59.9	51.6	77.4



#56
Ethyl methacrylate
Concen: 22.231 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion:	69	Resp:	28859
Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.6	69.8
39	30.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 22.035 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

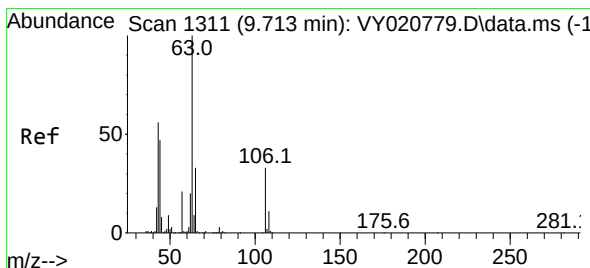
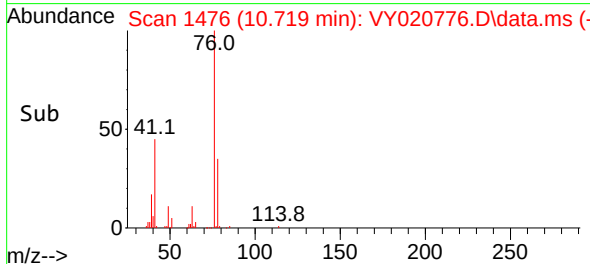
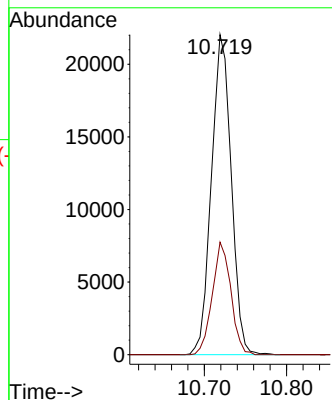
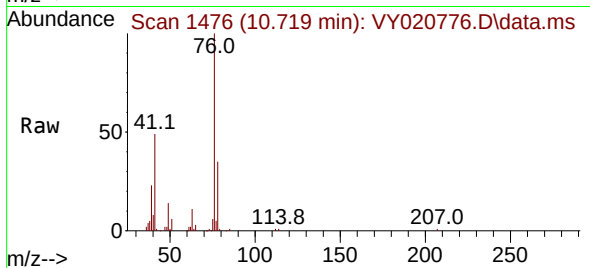
ClientSampleId :

Tgt Ion: 76 Resp: 36920

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 111.692 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020776.D

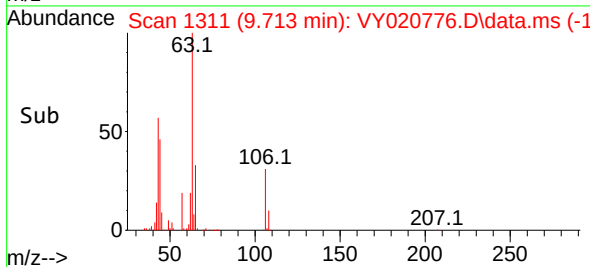
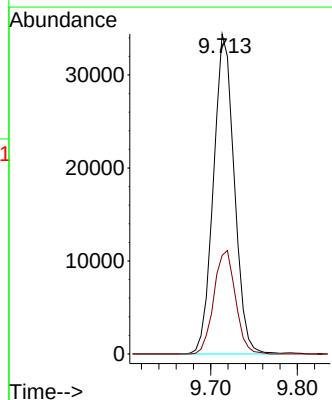
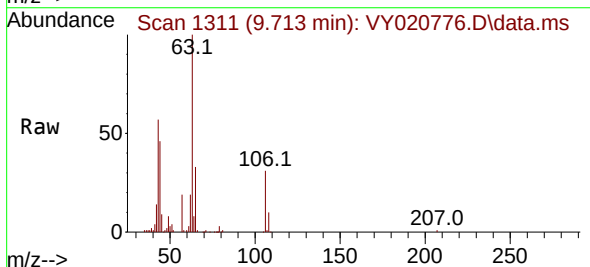
Acq: 06 Jan 2025 10:23

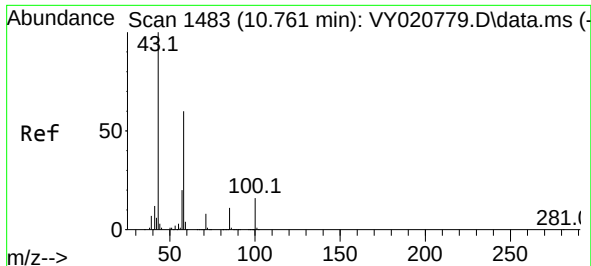
Tgt Ion: 63 Resp: 57520

Ion Ratio Lower Upper

63 100

106 33.5 25.9 38.9

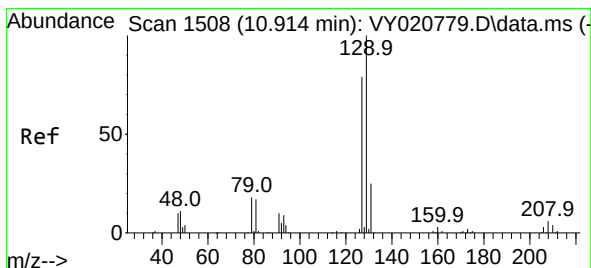
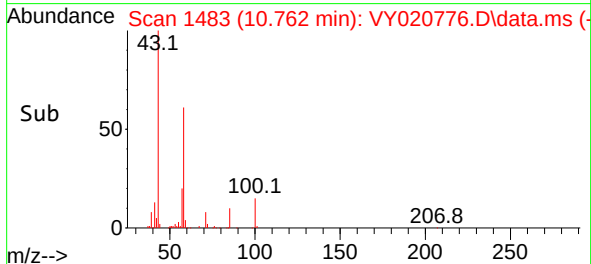
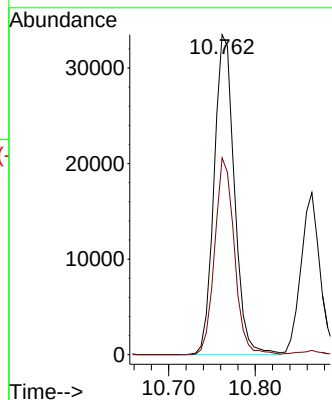
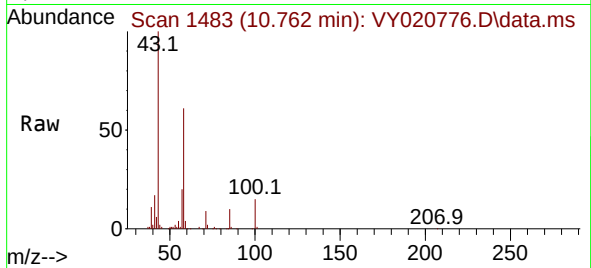




#59
2-Hexanone
Concen: 116.610 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

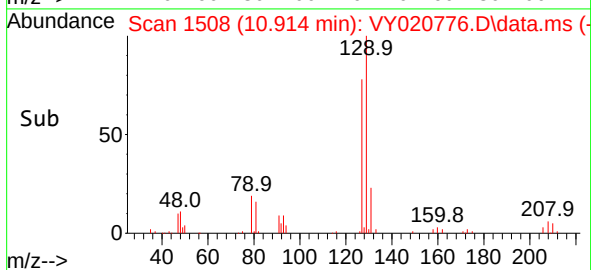
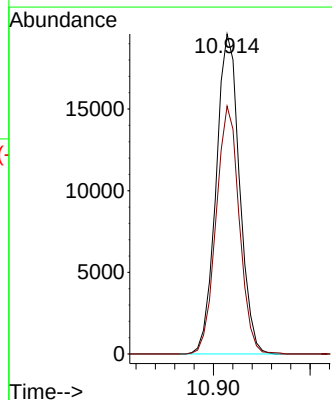
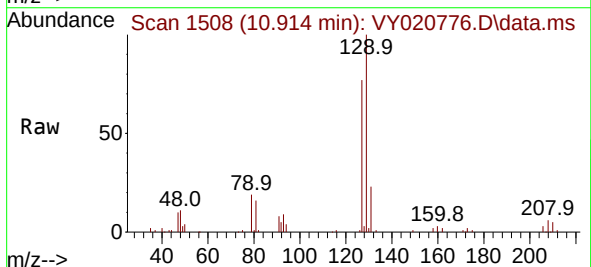
Instrument :
MSVOA_Y
ClientSampleId :

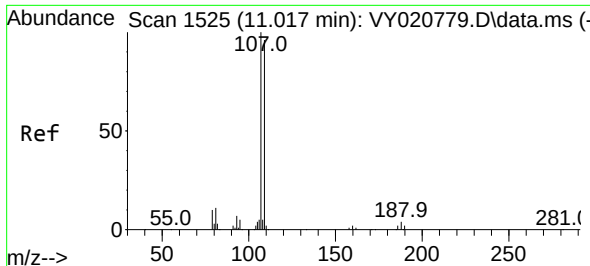
Tgt Ion: 43 Resp: 54477
Ion Ratio Lower Upper
43 100
58 59.5 30.6 92.0



#60
Dibromochloromethane
Concen: 22.051 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion:129 Resp: 32874
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

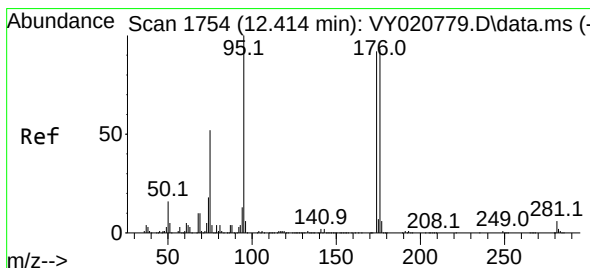
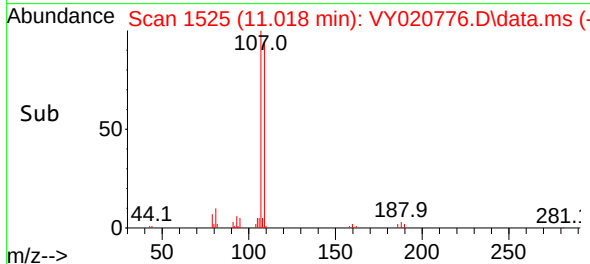
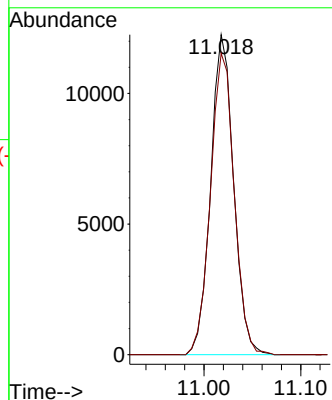
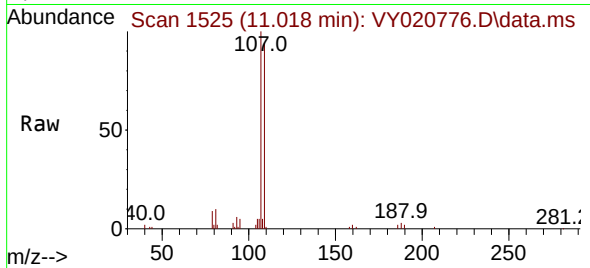




#61
1,2-Dibromoethane
Concen: 21.873 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

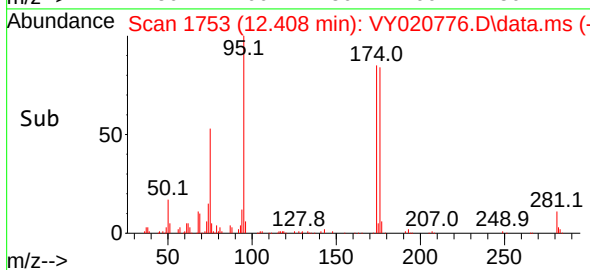
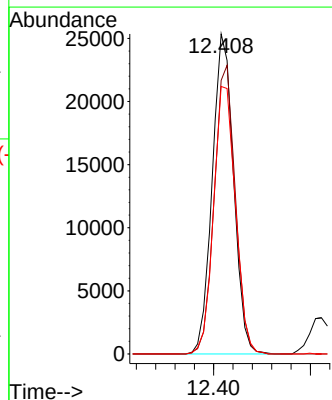
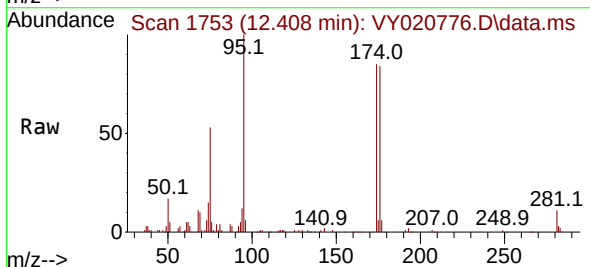
Instrument :
MSVOA_Y
ClientSampleId :

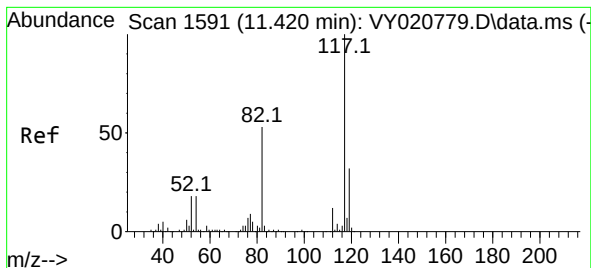
Tgt Ion:107 Resp: 20185
Ion Ratio Lower Upper
107 100
109 97.3 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 21.310 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 95 Resp: 38731
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.0
176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

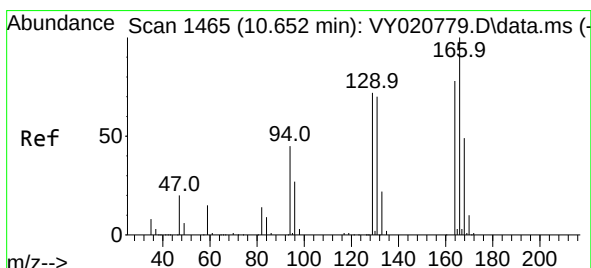
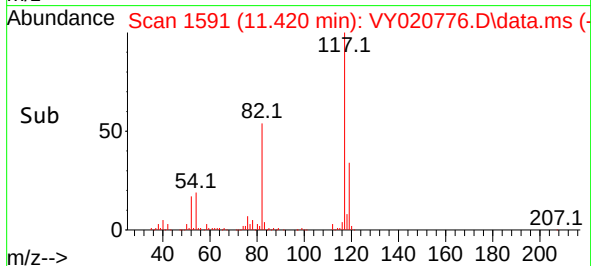
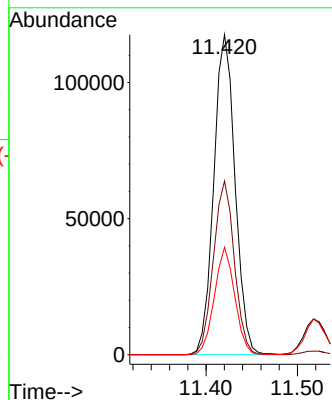
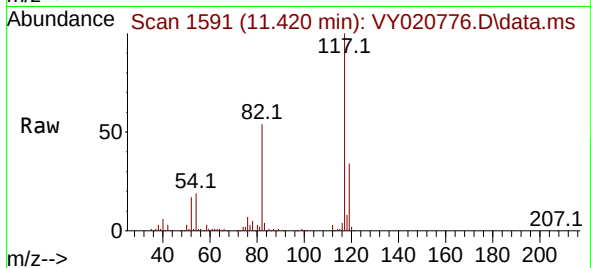
Tgt Ion:117 Resp: 190060

Ion Ratio Lower Upper

117 100

82 54.3 41.8 62.6

119 33.6 25.8 38.8



#64

Tetrachloroethene

Concen: 20.943 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Tgt Ion:164 Resp: 29264

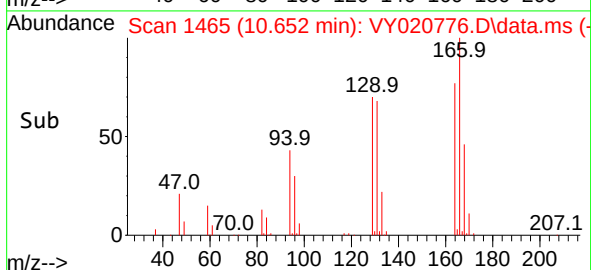
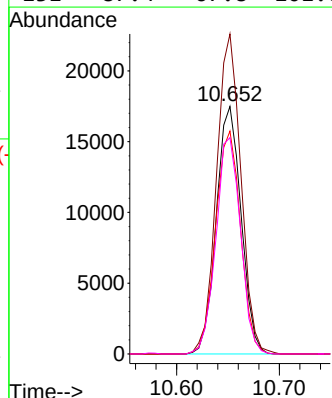
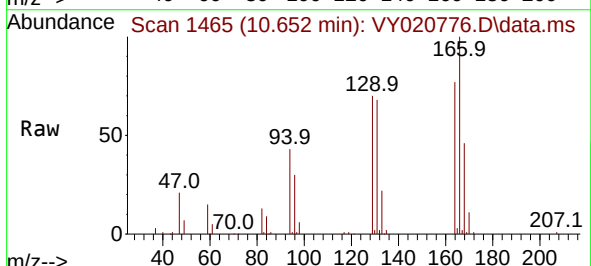
Ion Ratio Lower Upper

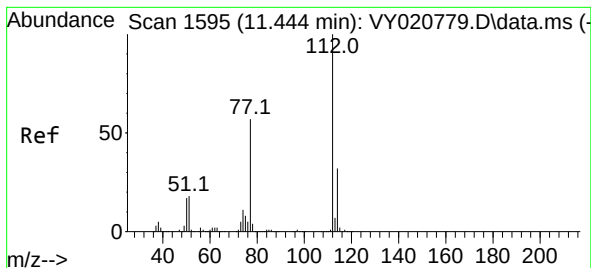
164 100

166 129.3 102.0 153.0

129 90.0 71.4 107.2

131 87.4 67.8 101.6





#65

Chlorobenzene

Concen: 21.239 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

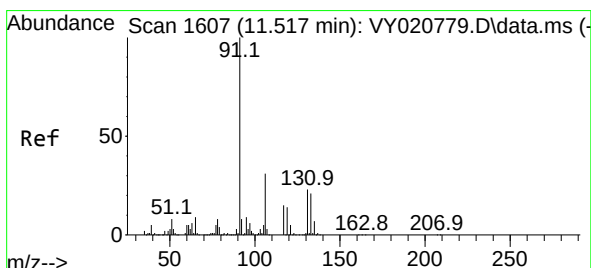
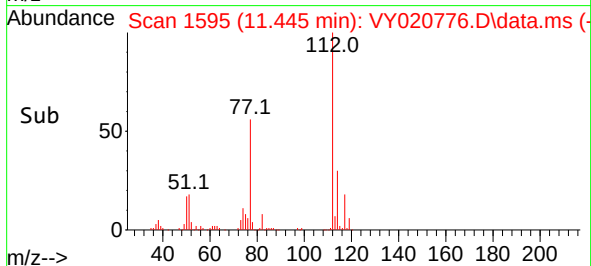
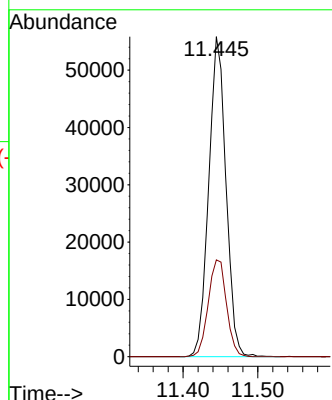
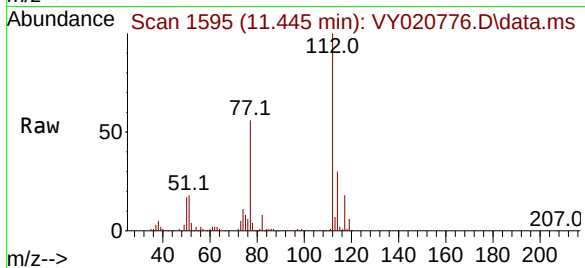
ClientSampleId :

Tgt Ion:112 Resp: 89251

Ion Ratio Lower Upper

112 100

114 30.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.557 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

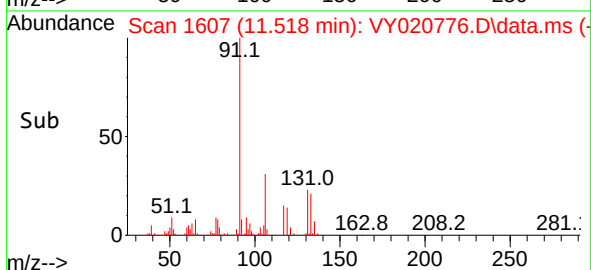
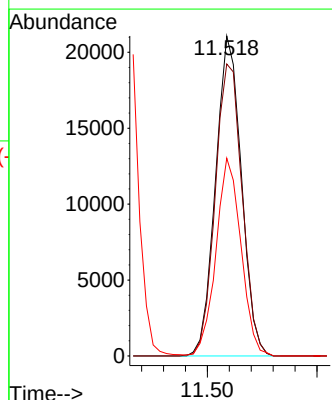
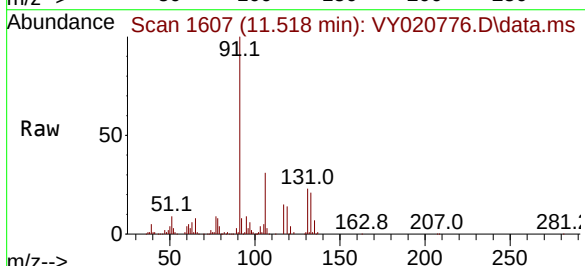
Tgt Ion:131 Resp: 34486

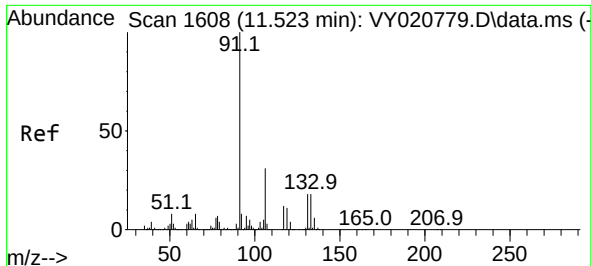
Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

119 60.0 30.2 90.6





#67

Ethyl Benzene

Concen: 21.347 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

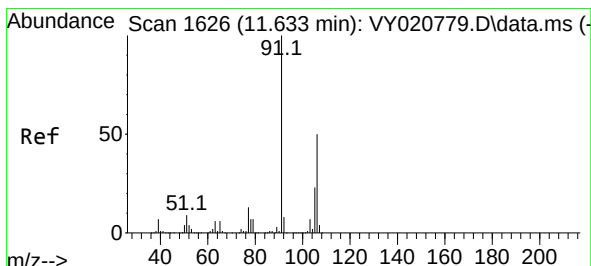
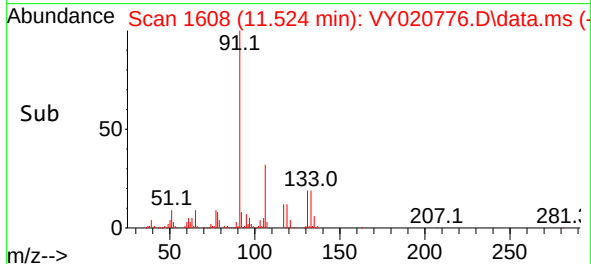
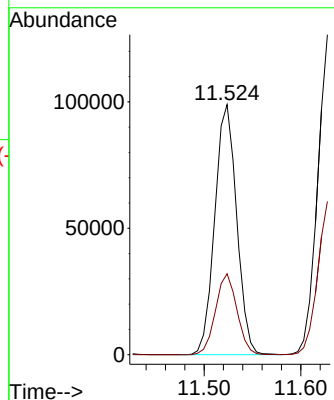
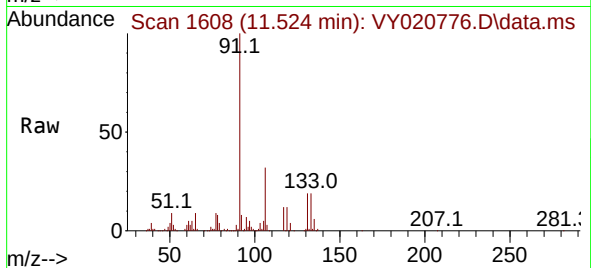
ClientSampleId :

Tgt Ion: 91 Resp: 155305

Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



#68

m/p-Xylenes

Concen: 43.161 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020776.D

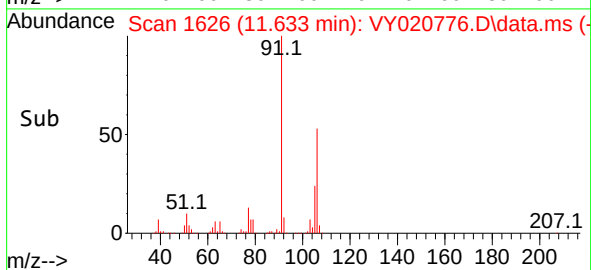
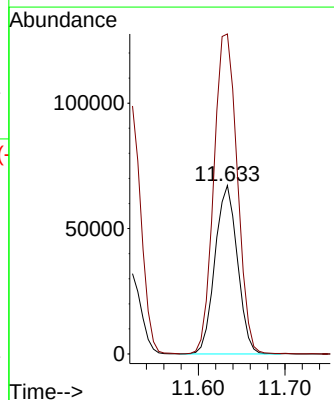
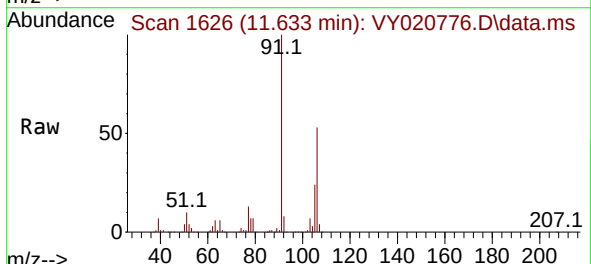
Acq: 06 Jan 2025 10:23

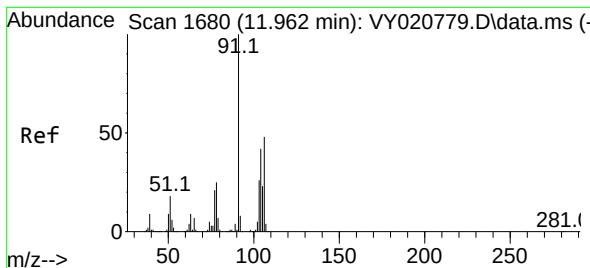
Tgt Ion:106 Resp: 120899

Ion Ratio Lower Upper

106 100

91 198.3 162.6 243.8

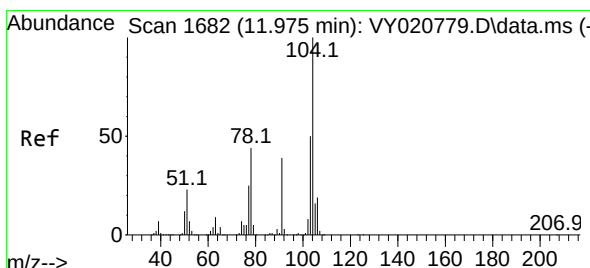
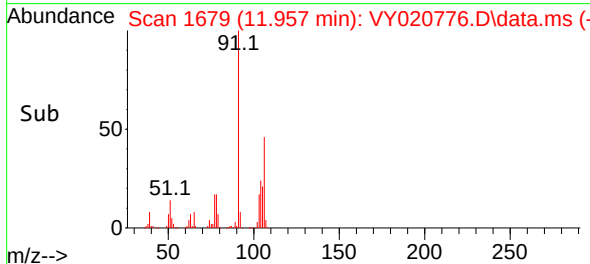
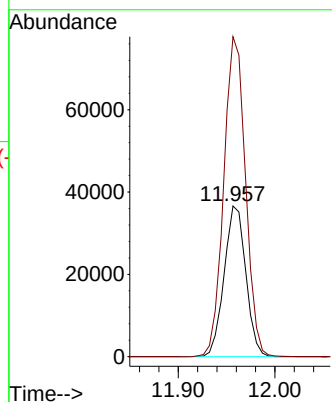
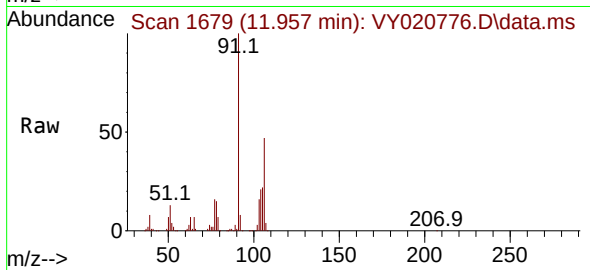




#69
o-Xylene
Concen: 21.453 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

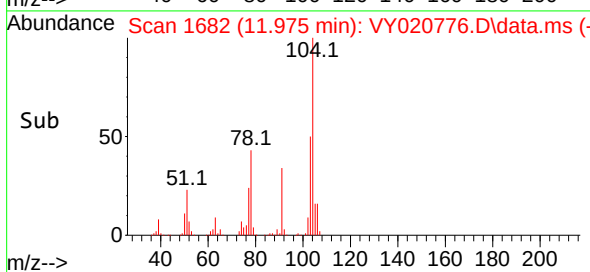
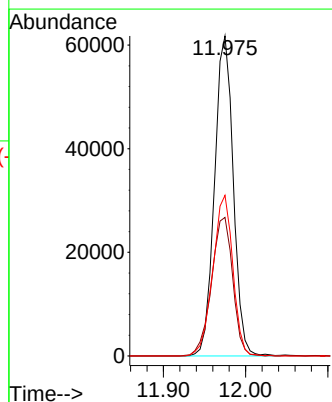
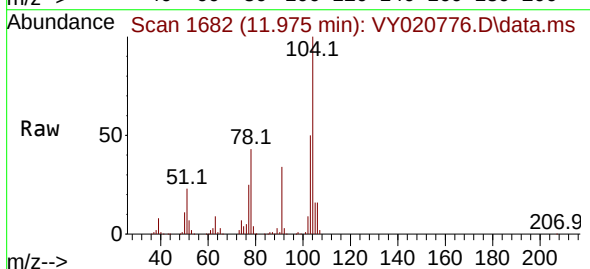
Instrument :
MSVOA_Y
ClientSampleId :

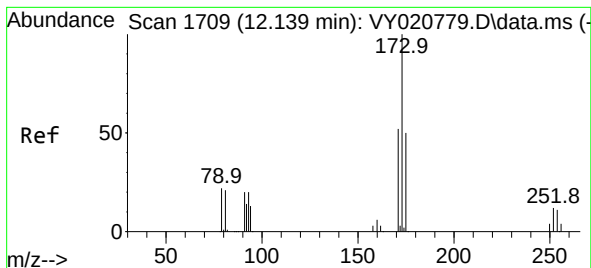
Tgt Ion:106 Resp: 56976
Ion Ratio Lower Upper
106 100
91 213.3 108.2 324.6



#70
Styrene
Concen: 21.908 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion:104 Resp: 97946
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 53.7 44.0 66.0





#71

Bromoform

Concen: 22.034 ug/l

RT: 12.140 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

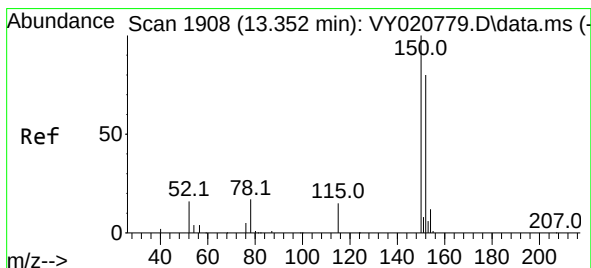
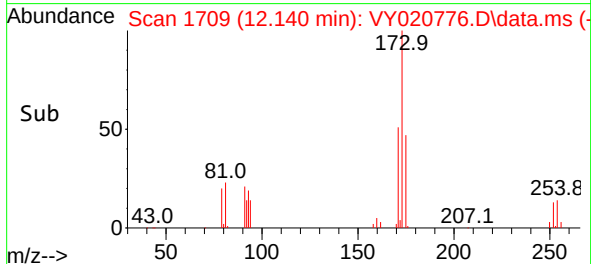
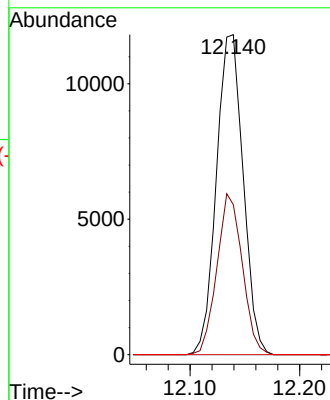
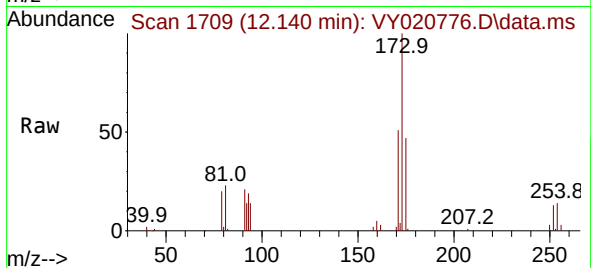
Tgt Ion:173 Resp: 20038

Ion Ratio Lower Upper

173 100

175 47.7 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

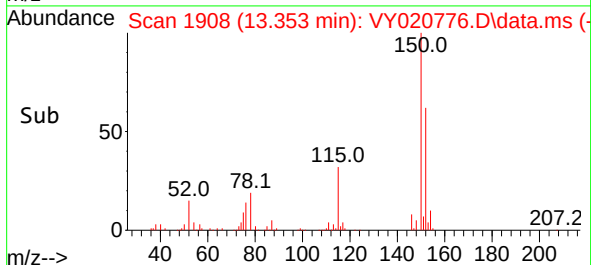
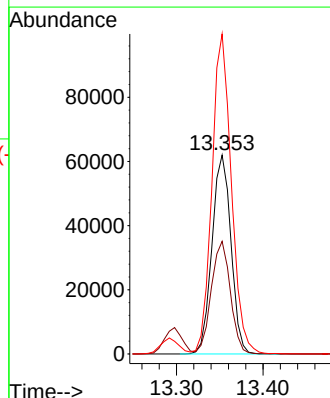
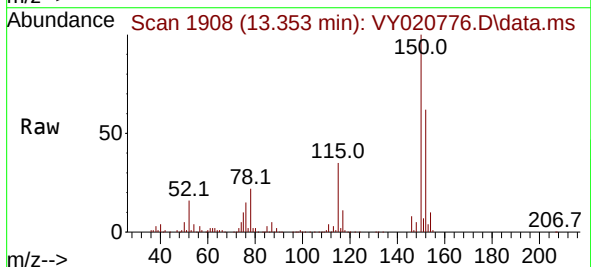
Tgt Ion:152 Resp: 94354

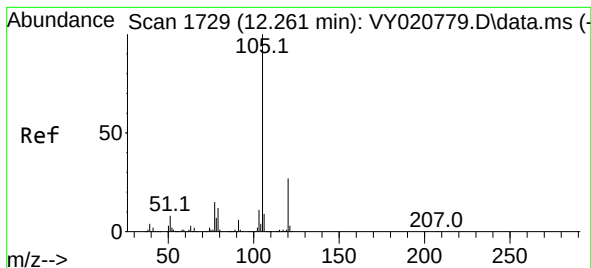
Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

150 164.8 0.0 347.4





#73

Isopropylbenzene

Concen: 21.056 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

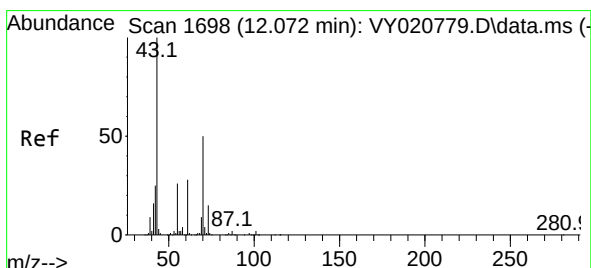
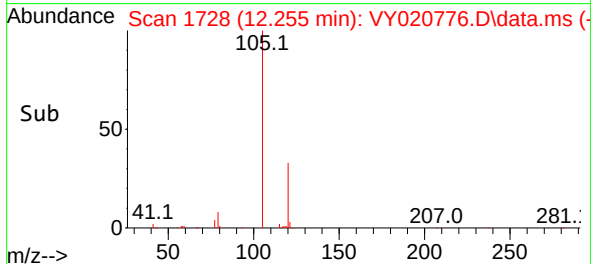
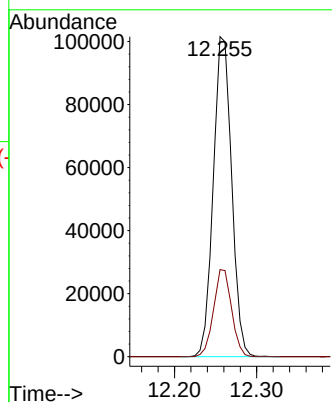
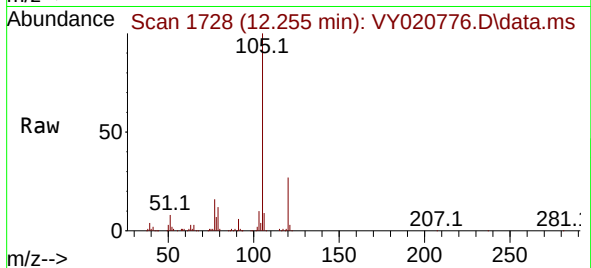
ClientSampleId :

Tgt Ion:105 Resp: 157611

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 21.946 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Tgt Ion: 43 Resp: 26871

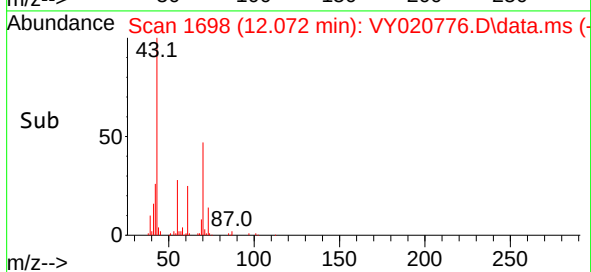
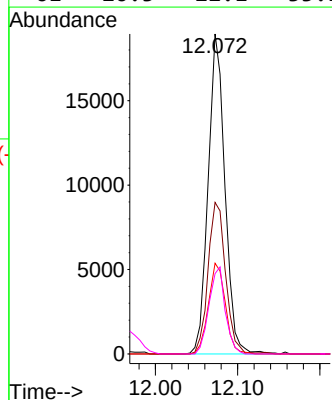
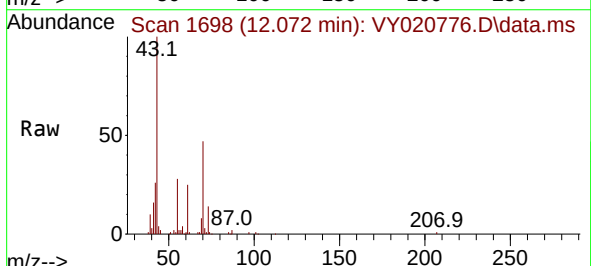
Ion Ratio Lower Upper

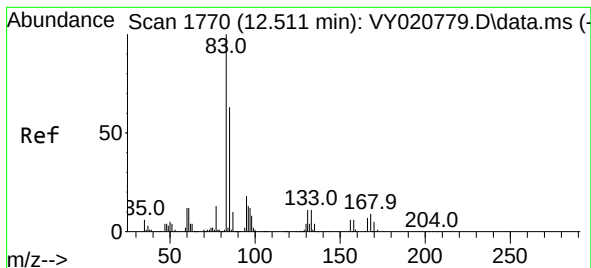
43 100

70 49.5 40.2 60.4

55 28.7 21.2 31.8

61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.684 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

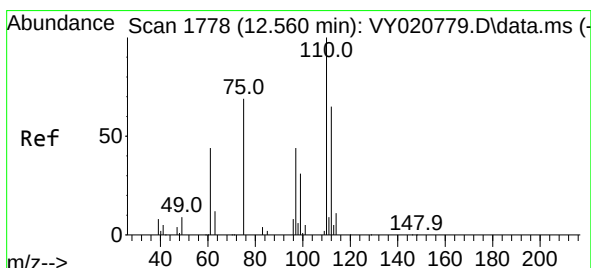
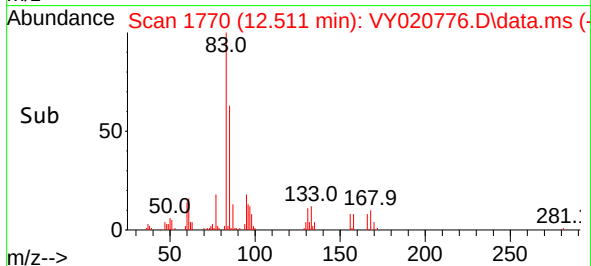
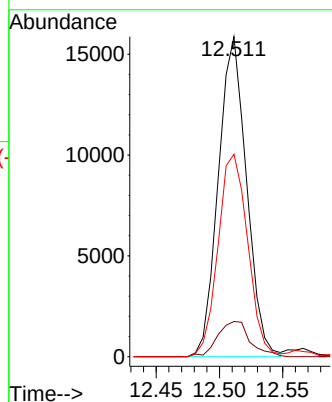
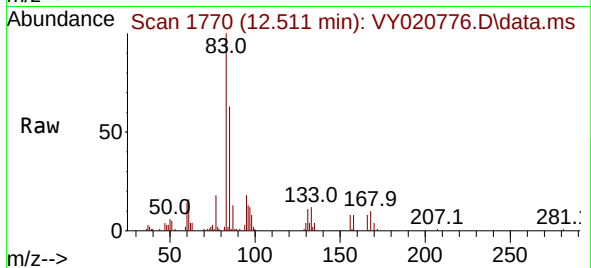
Tgt Ion: 83 Resp: 24601

Ion Ratio Lower Upper

83 100

131 12.6 6.0 18.0

85 66.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 38.870 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020776.D

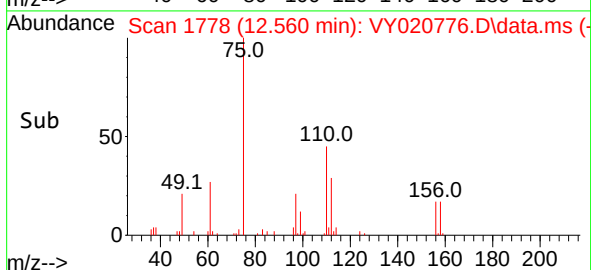
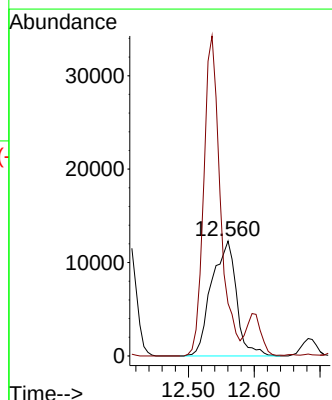
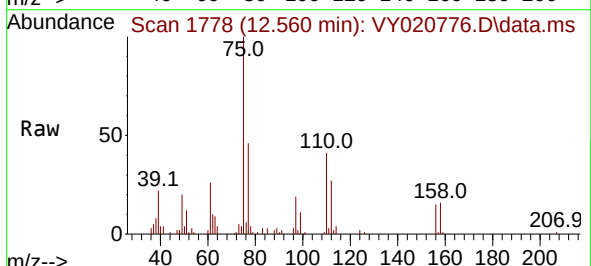
Acq: 06 Jan 2025 10:23

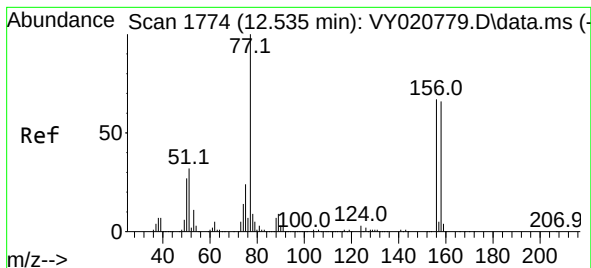
Tgt Ion: 75 Resp: 32464

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.377 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

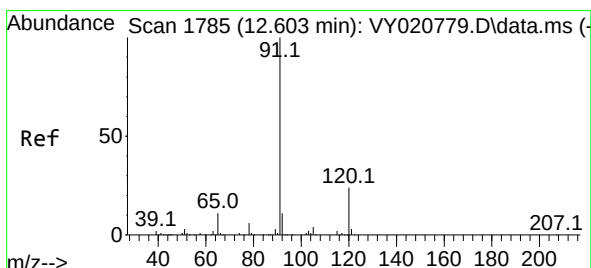
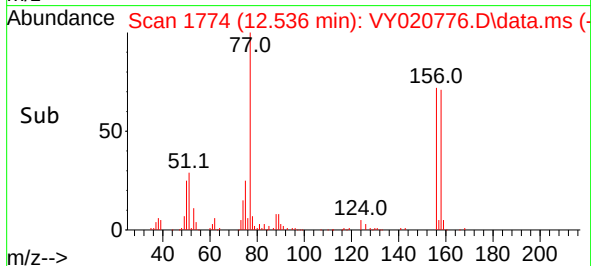
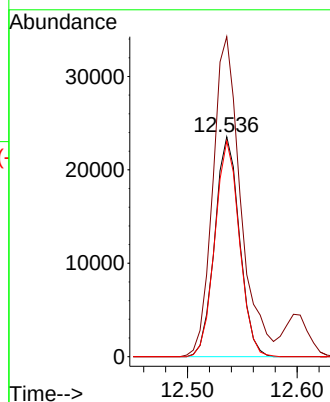
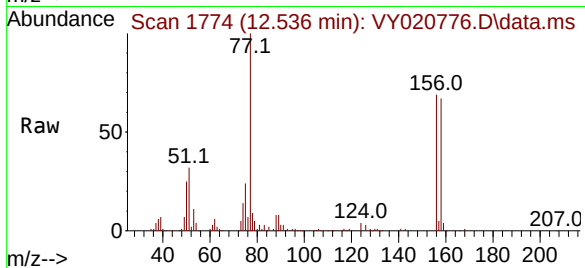
Tgt Ion:156 Resp: 36892

Ion Ratio Lower Upper

156 100

77 163.8 82.3 247.0

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 21.125 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020776.D

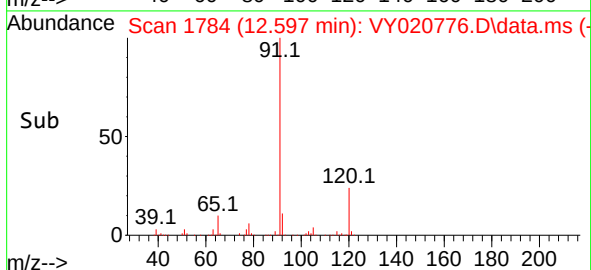
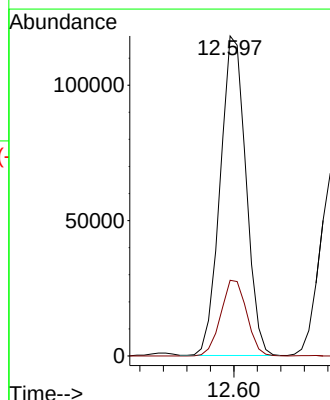
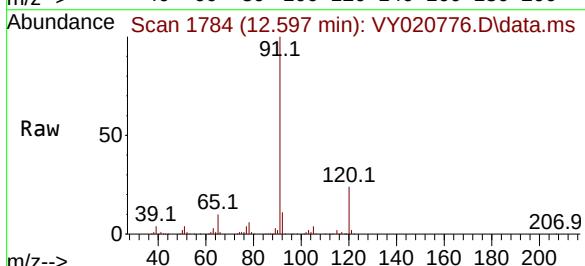
Acq: 06 Jan 2025 10:23

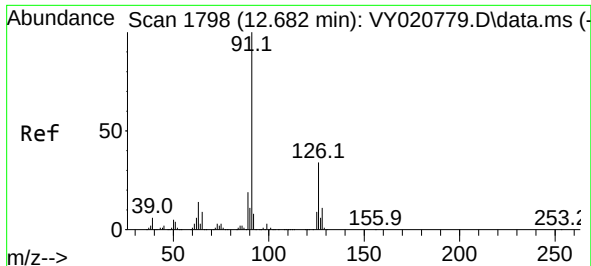
Tgt Ion: 91 Resp: 179484

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1

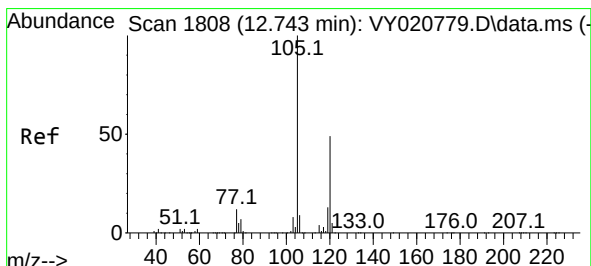
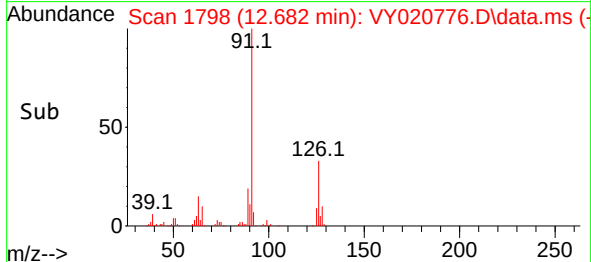
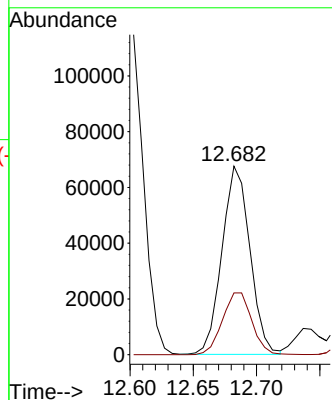
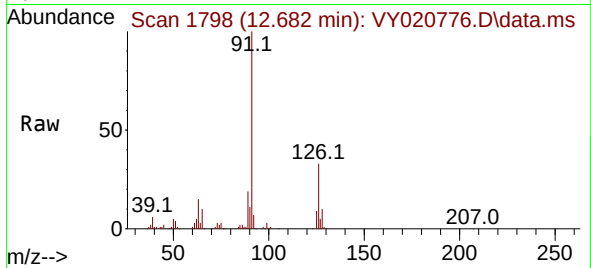




#79
2-Chlorotoluene
Concen: 21.225 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

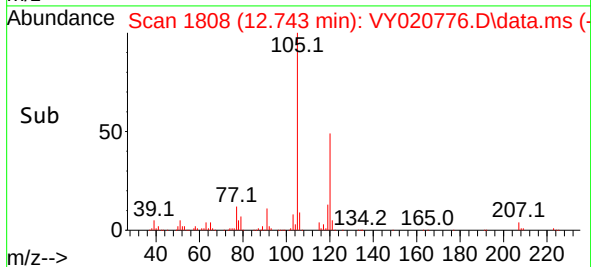
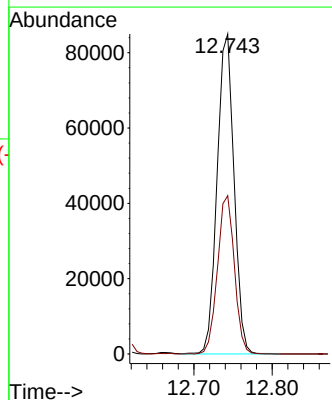
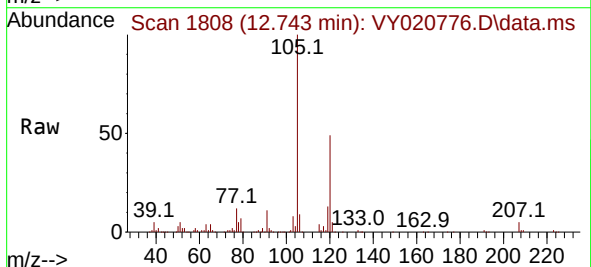
Instrument :
MSVOA_Y
ClientSampleId :

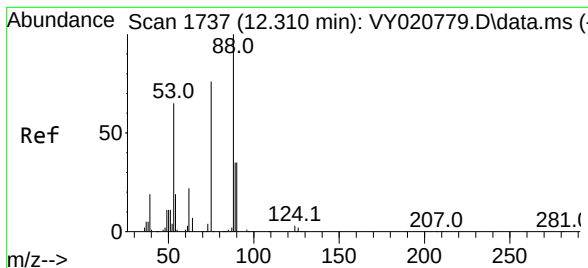
Tgt Ion: 91 Resp: 103847
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 21.043 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 105 Resp: 127648
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

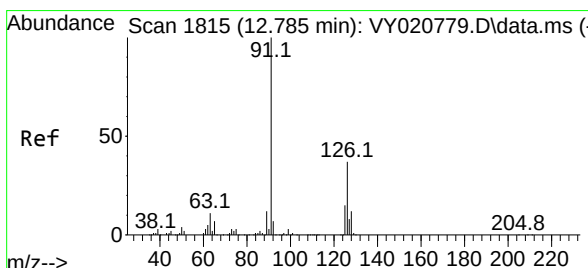
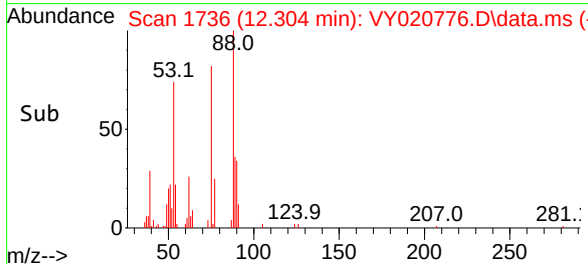
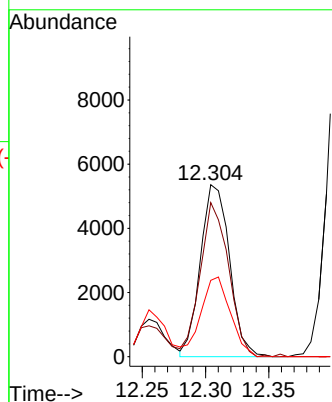
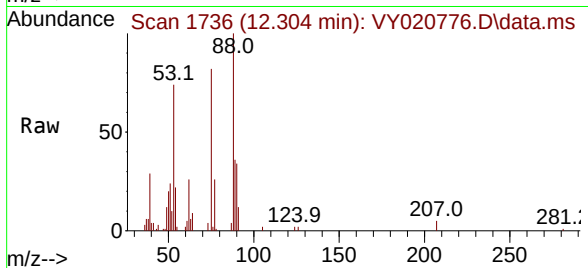




#81
trans-1,4-Dichloro-2-butene
Concen: 21.934 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

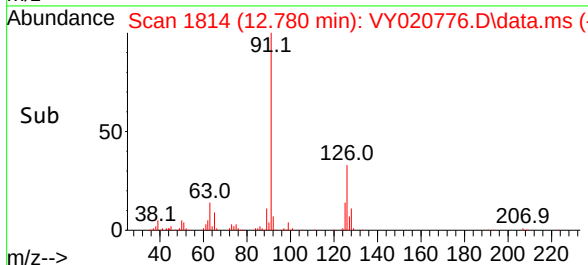
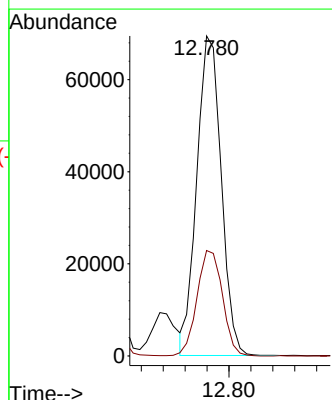
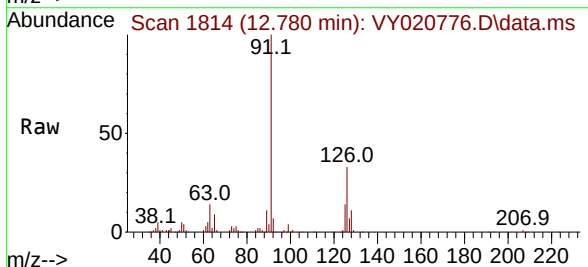
Instrument :
MSVOA_Y
ClientSampleId :

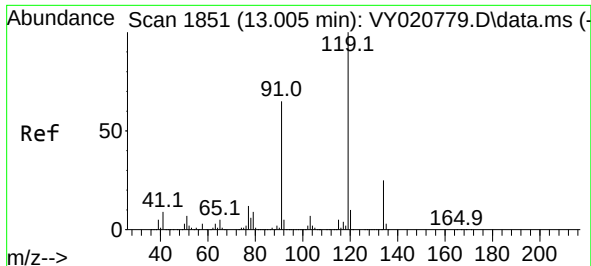
Tgt Ion: 75 Resp: 8588
Ion Ratio Lower Upper
75 100
53 87.3 69.4 104.0
89 47.0 39.6 59.4



#82
4-Chlorotoluene
Concen: 21.257 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 91 Resp: 107330
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

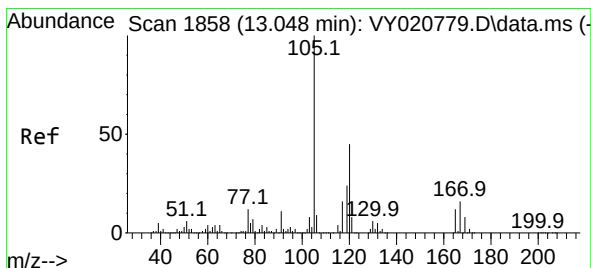
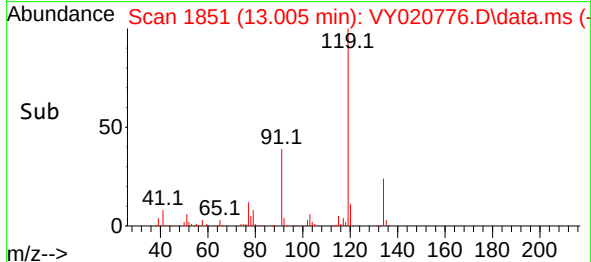
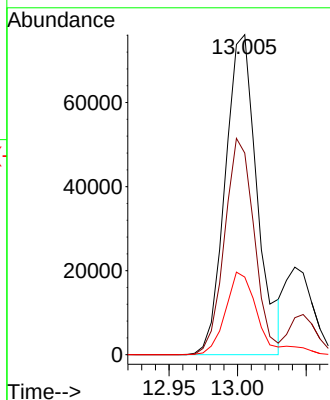
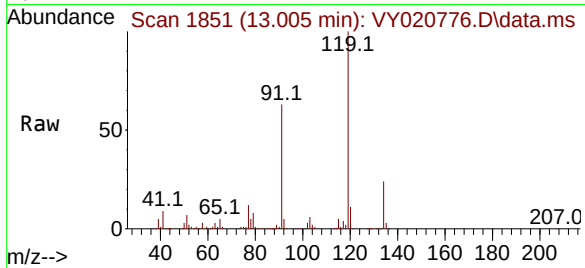




#83
 tert-Butylbenzene
 Concen: 21.798 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

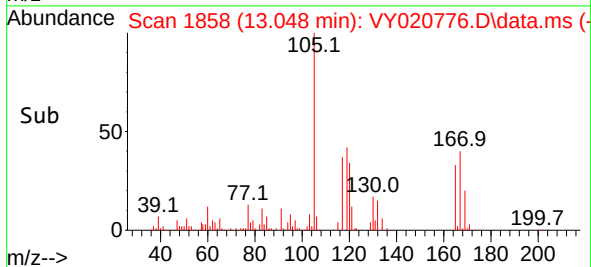
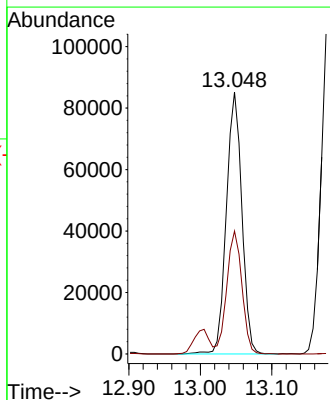
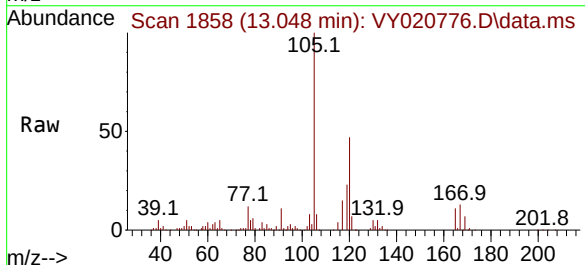
Instrument :
 MSVOA_Y
 ClientSampleId :

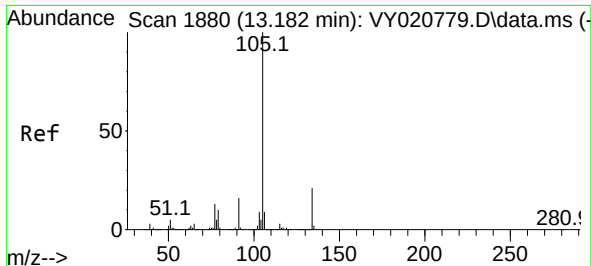
Tgt Ion:119 Resp: 123677
 Ion Ratio Lower Upper
 119 100
 91 62.9 33.0 98.9
 134 26.6 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.625 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion:105 Resp: 128105
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.2

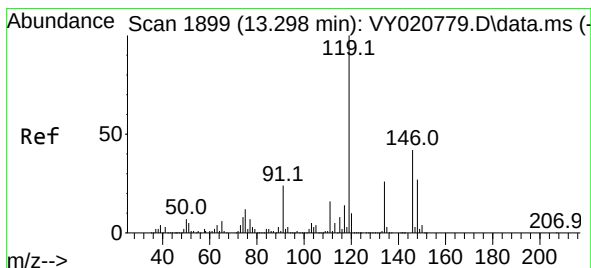
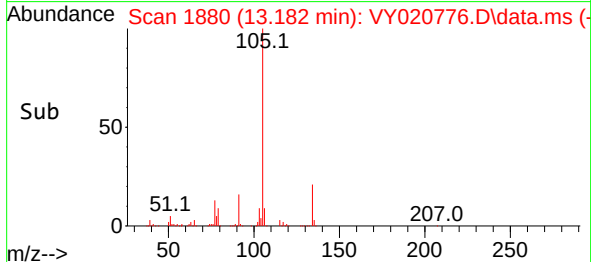
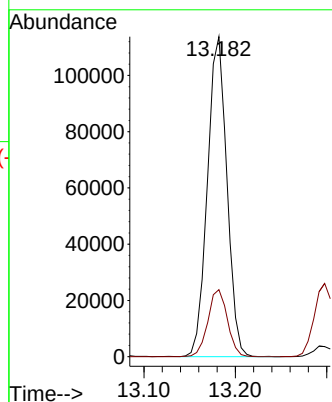
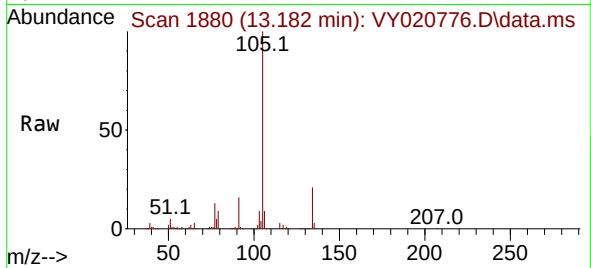




#85
 sec-Butylbenzene
 Concen: 21.203 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

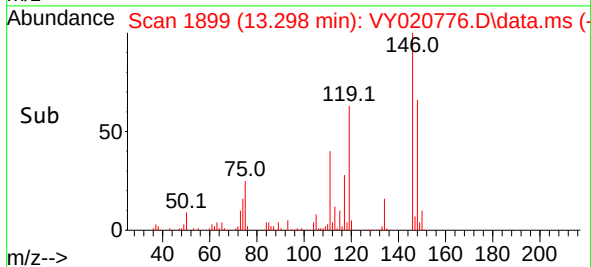
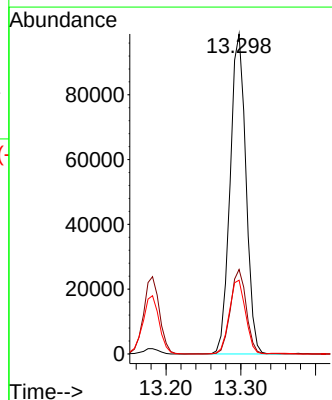
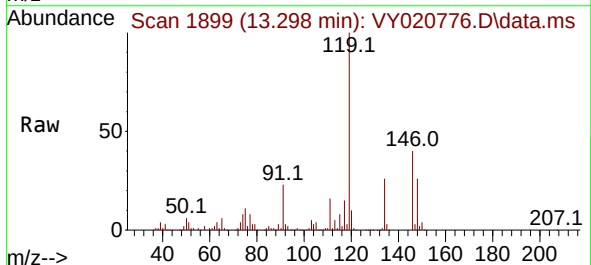
Instrument :
 MSVOA_Y
 ClientSampleId :

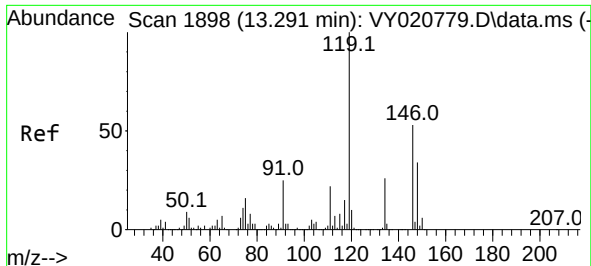
Tgt Ion:105 Resp: 168032
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.522 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion:119 Resp: 145498
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.7 11.8 35.3

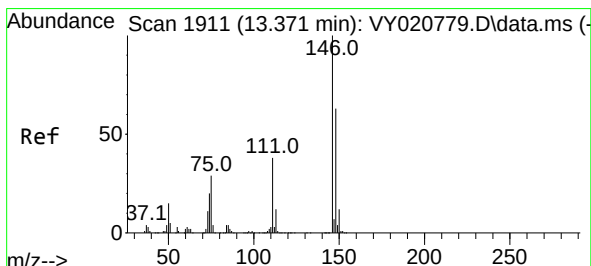
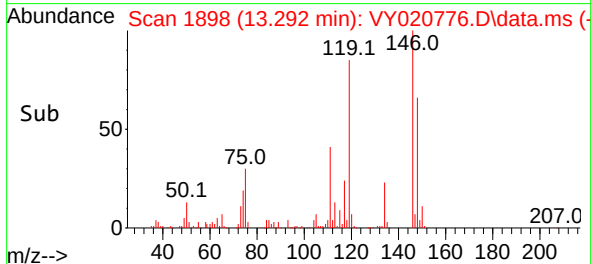
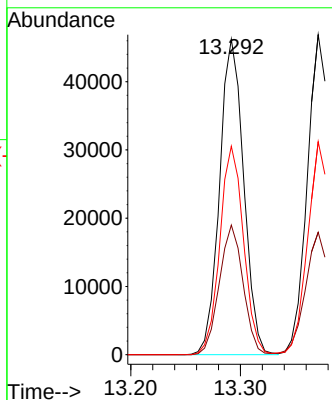
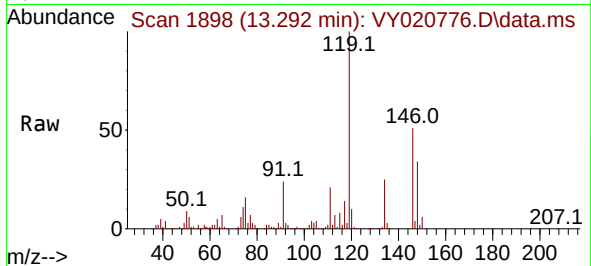




#87
 1,3-Dichlorobenzene
 Concen: 21.068 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

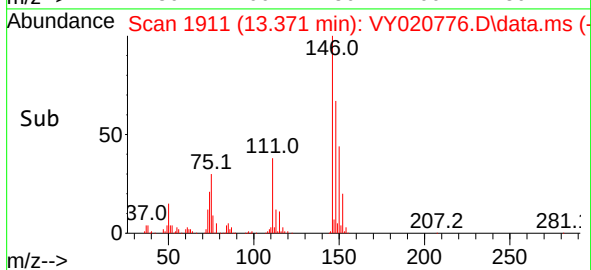
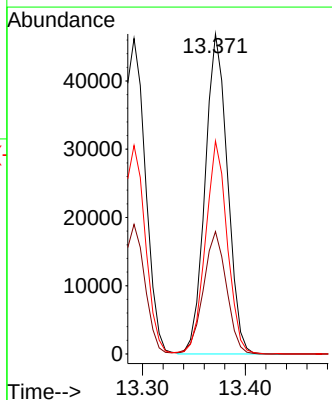
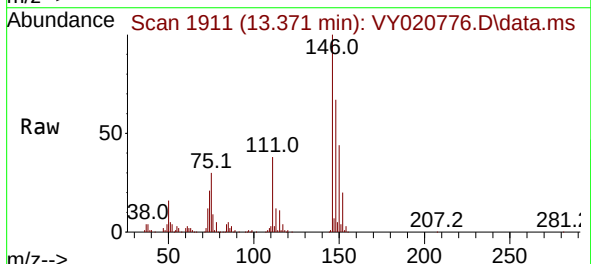
Instrument :
 MSVOA_Y
 ClientSampleId :

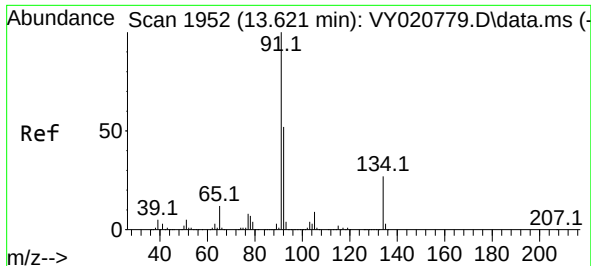
Tgt Ion:146 Resp: 70648
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.5 58.5
 148 65.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.531 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion:146 Resp: 71071
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.3
 148 64.8 32.1 96.5

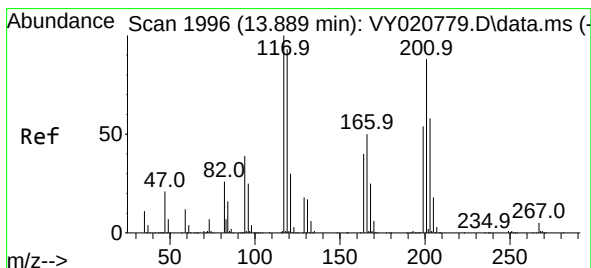
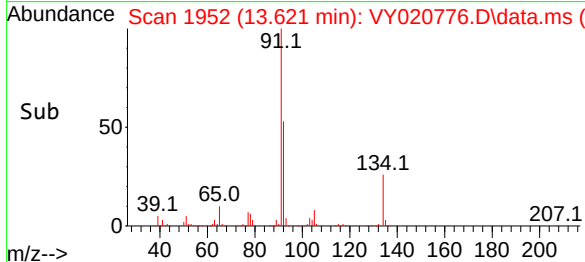
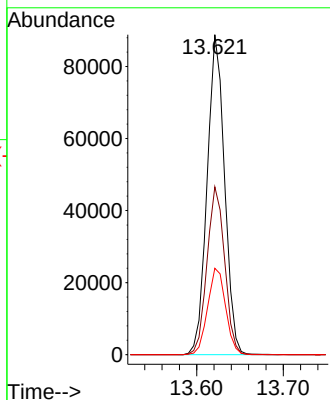
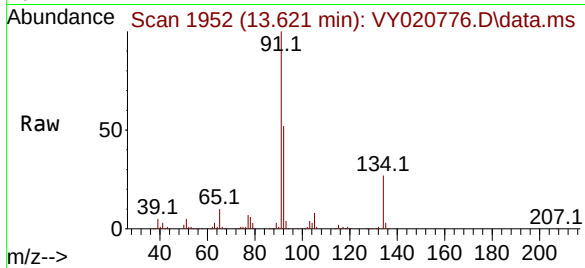




#89
n-Butylbenzene
Concen: 21.205 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

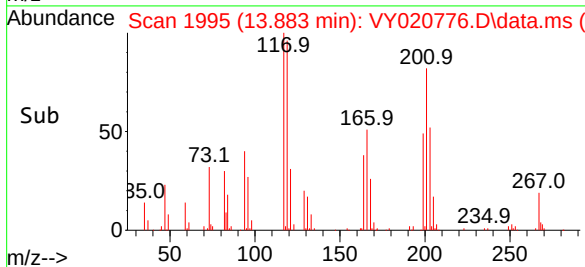
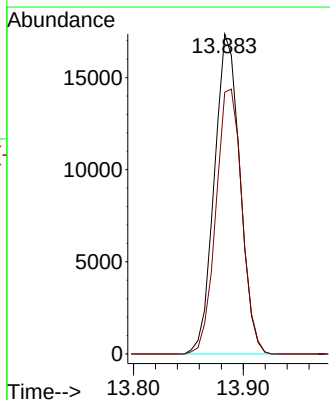
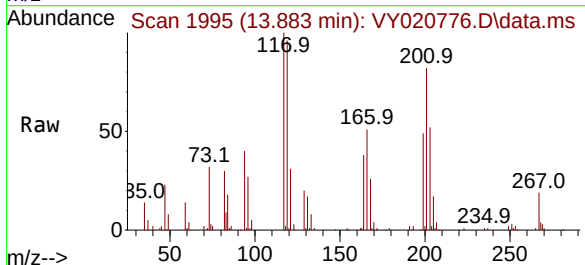
Instrument :
MSVOA_Y
ClientSampleId :

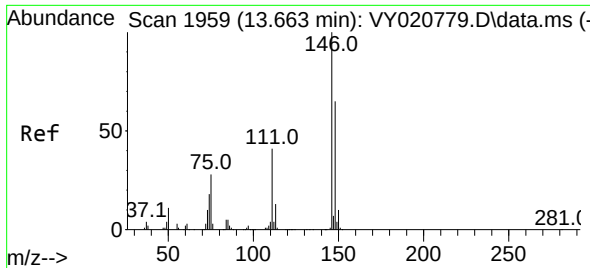
Tgt Ion: 91 Resp: 124368
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 27.9 13.8 41.4



#90
Hexachloroethane
Concen: 20.726 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020776.D
Acq: 06 Jan 2025 10:23

Tgt Ion: 117 Resp: 28135
Ion Ratio Lower Upper
117 100
201 84.5 42.9 128.7

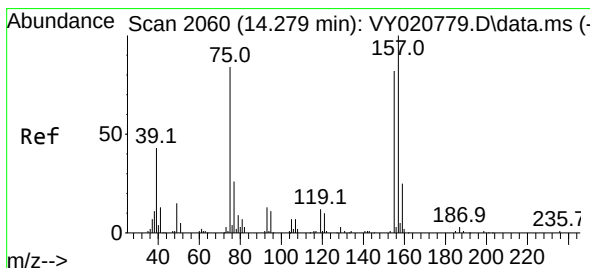
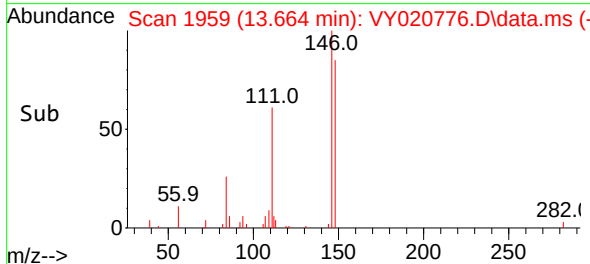
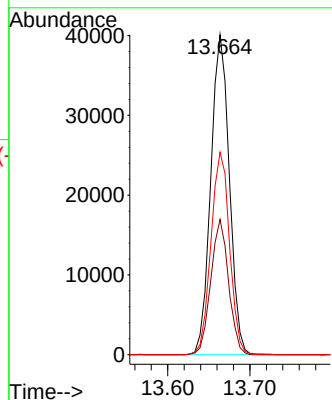
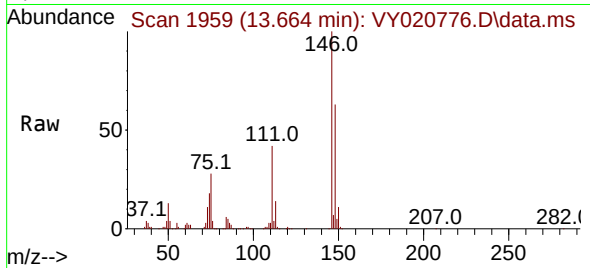




#91
 1,2-Dichlorobenzene
 Concen: 21.443 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

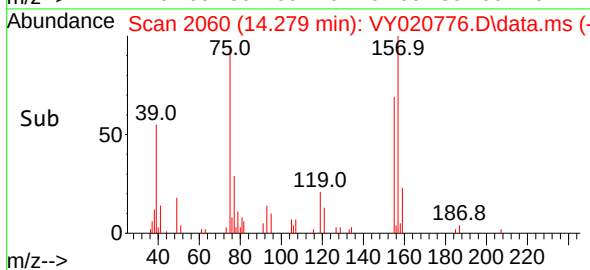
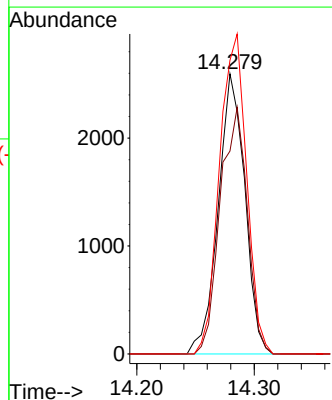
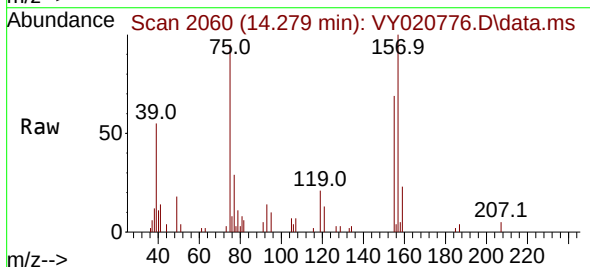
Instrument :
 MSVOA_Y
 ClientSampleId :

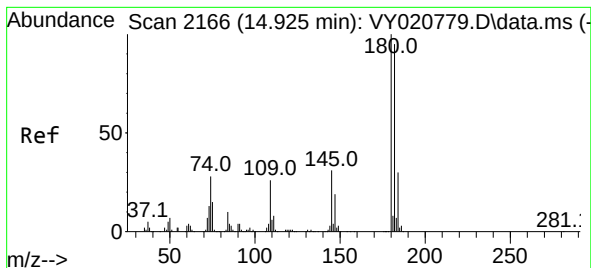
Tgt Ion:146 Resp: 62869
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.242 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY020776.D
 Acq: 06 Jan 2025 10:23

Tgt Ion: 75 Resp: 4080
 Ion Ratio Lower Upper
 75 100
 155 89.8 45.5 136.5
 157 116.5 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 21.056 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

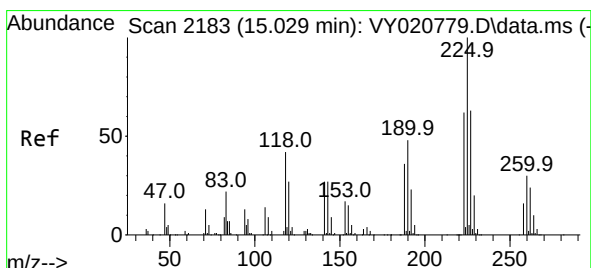
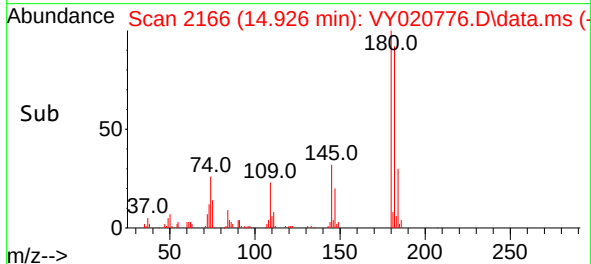
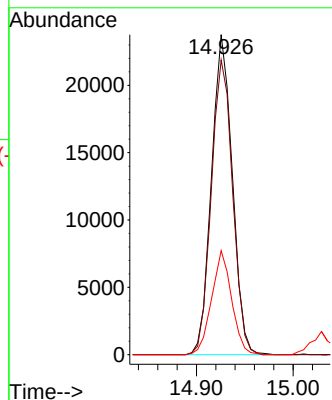
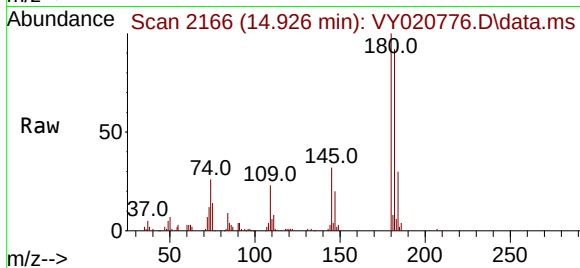
Tgt Ion:180 Resp: 35528

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 31.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.761 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

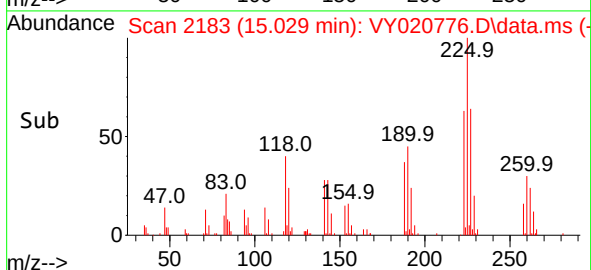
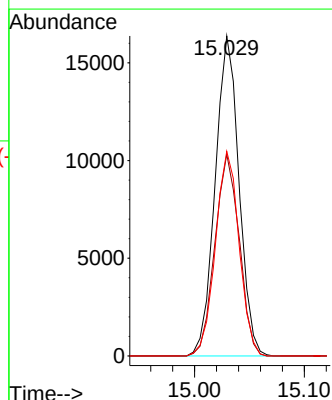
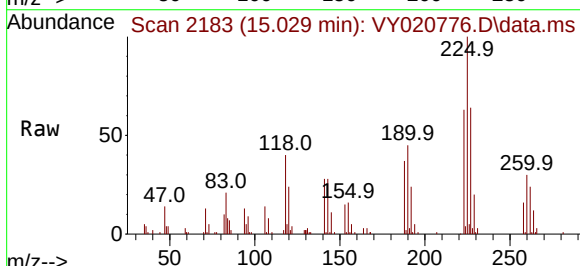
Tgt Ion:225 Resp: 24696

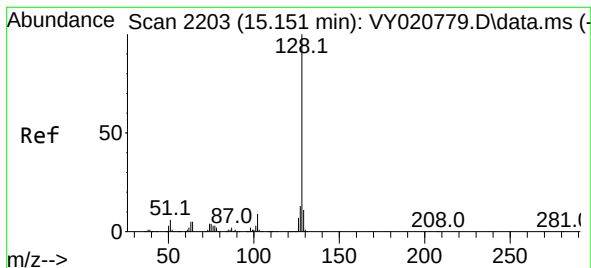
Ion Ratio Lower Upper

225 100

223 64.4 31.6 94.8

227 63.7 32.2 96.6





#95

Naphthalene

Concen: 21.153 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Instrument :

MSVOA_Y

ClientSampleId :

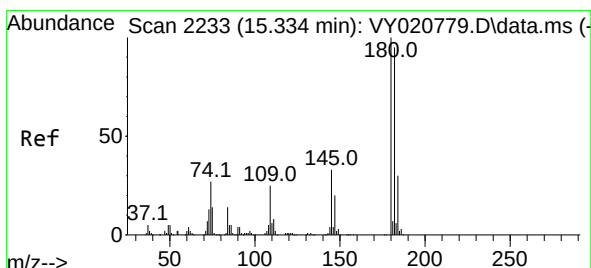
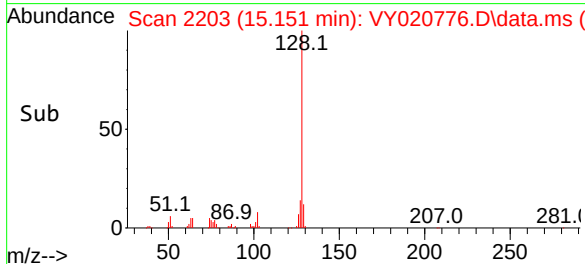
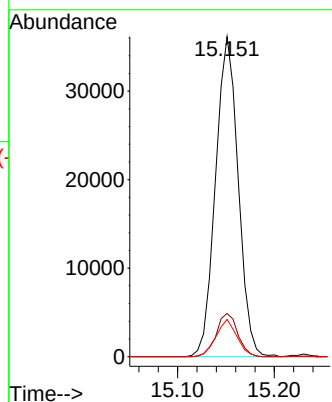
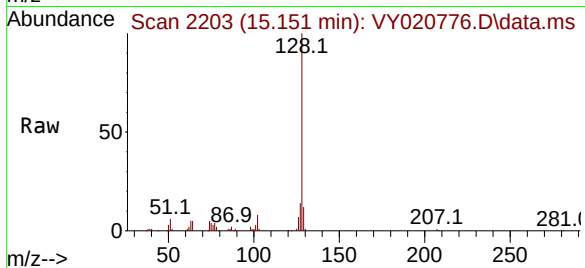
Tgt Ion:128 Resp: 58742

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.778 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020776.D

Acq: 06 Jan 2025 10:23

Tgt Ion:180 Resp: 29372

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 32.4 16.1 48.2

