

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020893.D
 Acq On : 22 Jan 2025 10:44
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Quant Time: Jan 23 00:43:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.731	168	199515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.633	114	290615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	241267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.364	152	117782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	82589	48.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.658	113	88932	48.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.121	98	326951	51.513	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.419	95	110500	47.146	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	25653	17.520	ug/l	92
3) Chloromethane	2.080	50	15683	20.342	ug/l	94
4) Vinyl Chloride	2.220	62	19377	22.609	ug/l	99
5) Bromomethane	2.616	94	10750	17.610	ug/l	98
6) Chloroethane	2.756	64	12514	23.675	ug/l	98
7) Trichlorofluoromethane	3.086	101	52296	19.881	ug/l	98
8) Diethyl Ether	3.476	74	16774	20.392	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.842	101	36948	20.800	ug/l	99
10) Methyl Iodide	4.031	142	39981	21.003	ug/l	95
11) Tert butyl alcohol	4.933	59	15064m	117.559	ug/l	
12) 1,1-Dichloroethene	3.817	96	30215	19.420	ug/l	99
13) Acrolein	3.677	56	107451	2985.949	ug/l	97
14) Allyl chloride	4.415	41	46045	20.513	ug/l	93
15) Acrylonitrile	5.091	53	39204	112.140	ug/l	100
16) Acetone	3.903	43	26549	110.094	ug/l	94
17) Carbon Disulfide	4.134	76	58102	17.214	ug/l	98
18) Methyl Acetate	4.415	43	19029	23.371	ug/l	95
19) Methyl tert-butyl Ether	5.146	73	88001	20.042	ug/l	99
20) Methylene Chloride	4.646	84	33412	20.063	ug/l	92
21) trans-1,2-Dichloroethene	5.146	96	33061	19.296	ug/l	99
22) Diisopropyl ether	6.049	45	107546	22.491	ug/l	96
23) Vinyl Acetate	5.988	43	291391	110.524	ug/l	99
24) 1,1-Dichloroethane	5.945	63	64196	20.349	ug/l	100
25) 2-Butanone	6.926	43	45540	114.963	ug/l	99
26) 2,2-Dichloropropane	6.908	77	65102	19.876	ug/l	98
27) cis-1,2-Dichloroethene	6.920	96	42281	19.558	ug/l	97
28) Bromochloromethane	7.268	49	15114	17.755	ug/l	95
29) Tetrahydrofuran	7.292	42	29538	116.730	ug/l	96
30) Chloroform	7.445	83	71941	19.997	ug/l	98
31) Cyclohexane	7.731	56	49177	19.929	ug/l	94
32) 1,1,1-Trichloroethane	7.640	97	68687	19.573	ug/l	99
36) 1,1-Dichloropropene	7.859	75	47694	20.538	ug/l	100
37) Ethyl Acetate	7.018	43	21581	23.352	ug/l	97
38) Carbon Tetrachloride	7.841	117	63822	19.743	ug/l	99
39) Methylcyclohexane	9.127	83	56373	19.782	ug/l	96
40) Benzene	8.103	78	147712	20.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.243	41	11805	22.305	ug/l	93
42) 1,2-Dichloroethane	8.182	62	39251	20.166	ug/l	99
43) Isopropyl Acetate	8.219	43	41988	22.338	ug/l	98
44) Trichloroethene	8.883	130	39994	20.129	ug/l	97
45) 1,2-Dichloropropane	9.158	63	35668	22.075	ug/l	96
46) Dibromomethane	9.249	93	20401	21.988	ug/l	97
47) Bromodichloromethane	9.444	83	55381	20.841	ug/l	97
48) Methyl methacrylate	9.237	41	18473	21.921	ug/l	98
49) 1,4-Dioxane	9.261	88	4048	410.913	ug/l	88
51) 4-Methyl-2-Pentanone	10.017	43	110342	117.502	ug/l	98
52) Toluene	10.188	92	96474	20.441	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	47729	20.195	ug/l	95
54) cis-1,3-Dichloropropene	9.871	75	57066	20.791	ug/l	96
55) 1,1,2-Trichloroethane	10.590	97	29323	22.121	ug/l	96
56) Ethyl methacrylate	10.456	69	35718	21.336	ug/l	98
57) 1,3-Dichloropropane	10.731	76	47544	22.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.731	63	69243	104.264	ug/l	99
59) 2-Hexanone	10.773	43	69621	115.563	ug/l	99
60) Dibromochloromethane	10.926	129	41141	21.400	ug/l	100
61) 1,2-Dibromoethane	11.029	107	25608	21.519	ug/l	98
64) Tetrachloroethene	10.664	164	35179	19.832	ug/l	98
65) Chlorobenzene	11.456	112	109247	20.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.529	131	41552	20.461	ug/l	99
67) Ethyl Benzene	11.535	91	186383	20.181	ug/l	100
68) m/p-Xylenes	11.645	106	143496	40.355	ug/l	97
69) o-Xylene	11.968	106	67390	19.988	ug/l	98
70) Styrene	11.987	104	114252	20.132	ug/l	99
71) Bromoform	12.151	173	24370	21.110	ug/l #	96
73) Isopropylbenzene	12.267	105	189004	20.228	ug/l	100
74) N-amyl acetate	12.084	43	33147	21.687	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.523	83	32970	23.281	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	20802m	20.185	ug/l	
77) Bromobenzene	12.547	156	44507	20.660	ug/l	98
78) n-propylbenzene	12.608	91	220814	20.820	ug/l	99
79) 2-Chlorotoluene	12.694	91	126525	20.716	ug/l	98
80) 1,3,5-Trimethylbenzene	12.749	105	153949	20.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	11065	22.639	ug/l	96
82) 4-Chlorotoluene	12.791	91	128878	20.448	ug/l	99
83) tert-Butylbenzene	13.011	119	143203	20.219	ug/l	97
84) 1,2,4-Trimethylbenzene	13.060	105	149767	20.253	ug/l	99
85) sec-Butylbenzene	13.194	105	204674	20.689	ug/l	100
86) p-Isopropyltoluene	13.309	119	171805	20.358	ug/l	99
87) 1,3-Dichlorobenzene	13.303	146	84037	20.076	ug/l	98
88) 1,4-Dichlorobenzene	13.383	146	84007	20.388	ug/l	99
89) n-Butylbenzene	13.633	91	150029	20.492	ug/l	99
90) Hexachloroethane	13.895	117	34238	20.205	ug/l	99
91) 1,2-Dichlorobenzene	13.675	146	74225	20.281	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.291	75	4647	20.294	ug/l	96
93) 1,2,4-Trichlorobenzene	14.937	180	39815	18.903	ug/l	98
94) Hexachlorobutadiene	15.041	225	28117	18.936	ug/l	99
95) Naphthalene	15.163	128	64565	18.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	33023	18.714	ug/l	99

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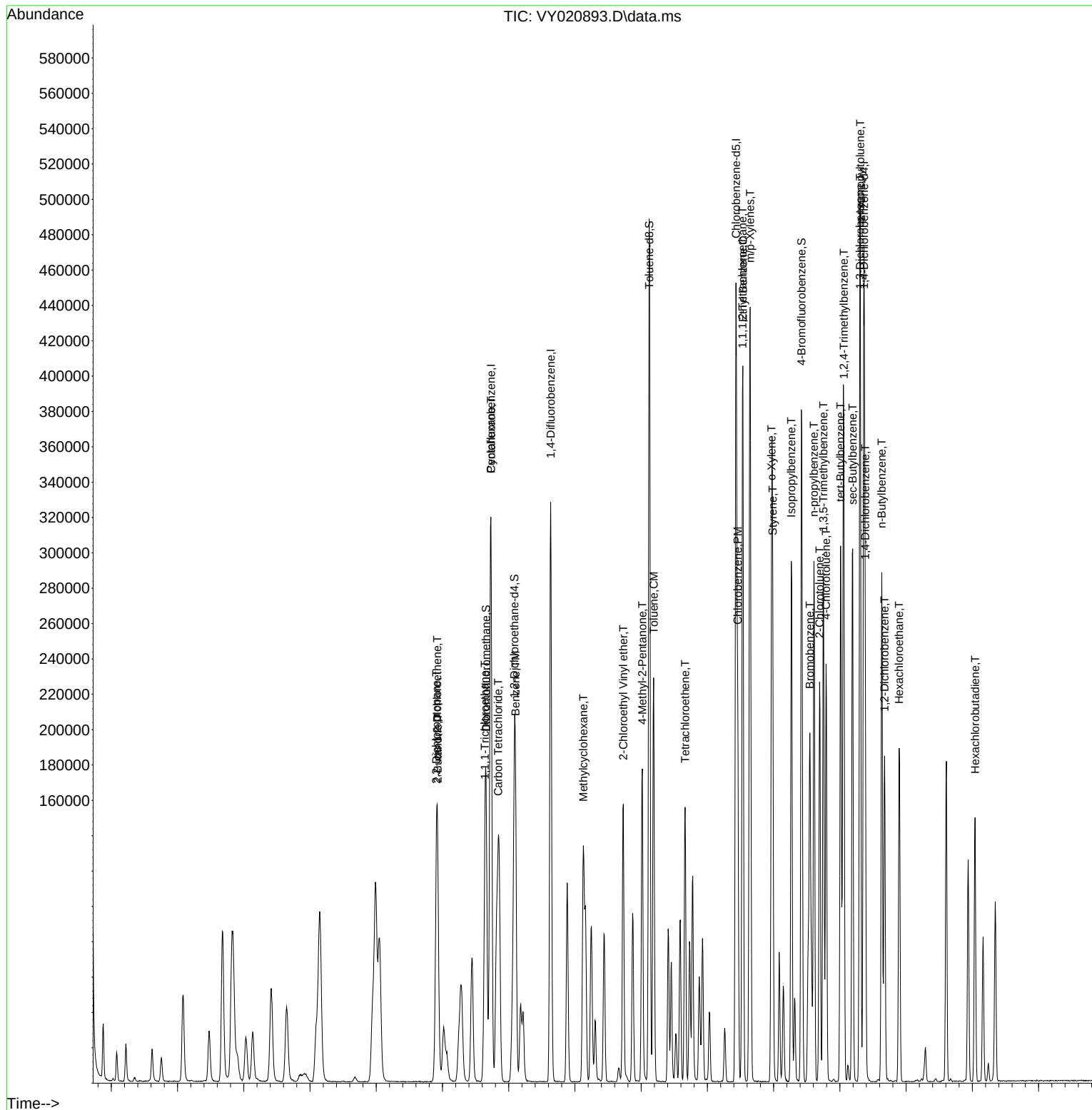
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

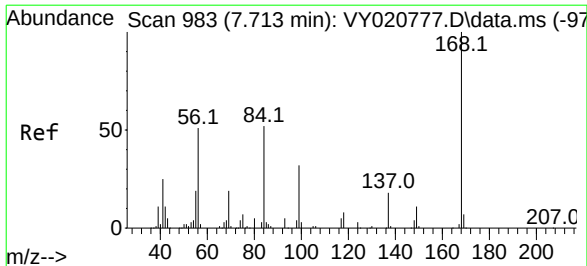
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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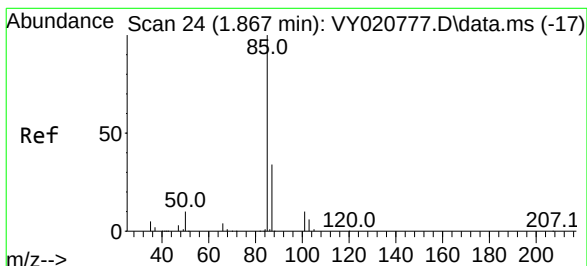
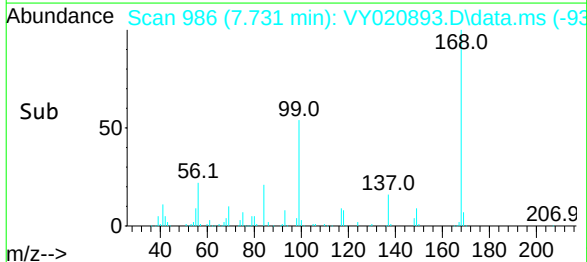
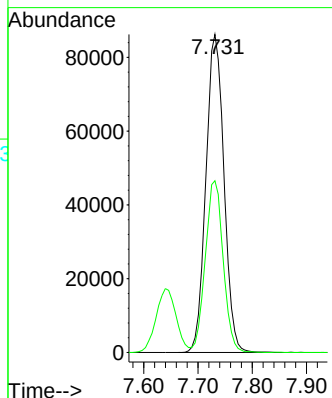
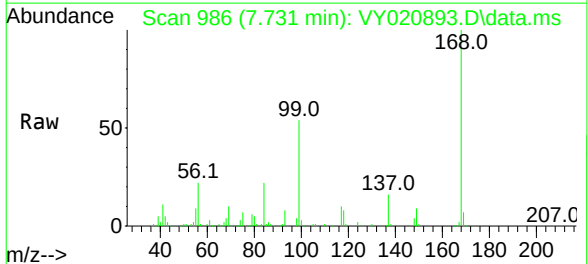




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020893.D
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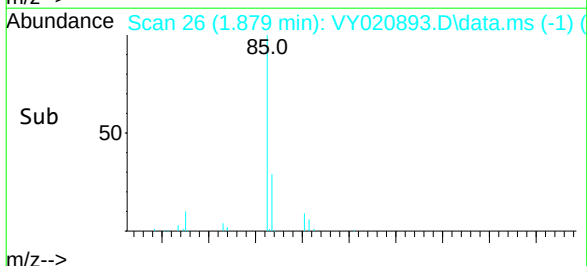
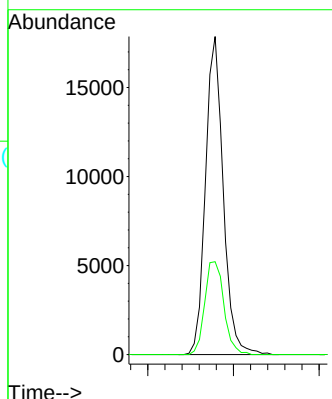
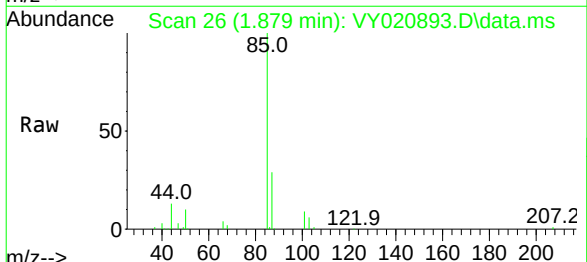
Instrument :
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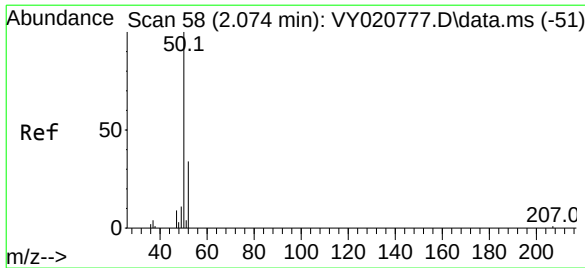
Tgt Ion:168 Resp: 199515
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 17.520 ug/l
RT: 1.879 min Scan# 26
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 85 Resp: 25653
Ion Ratio Lower Upper
85 100
87 29.2 16.9 50.6

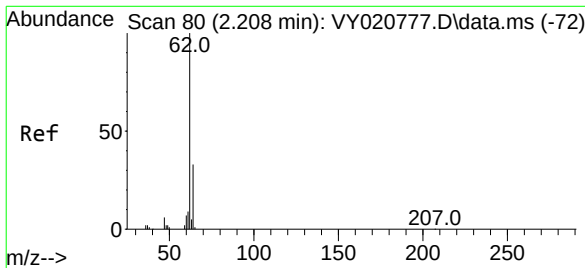
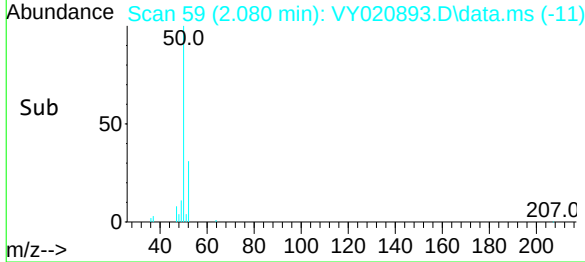
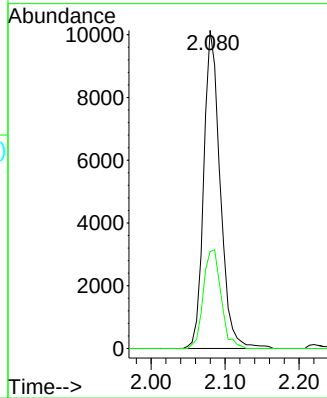
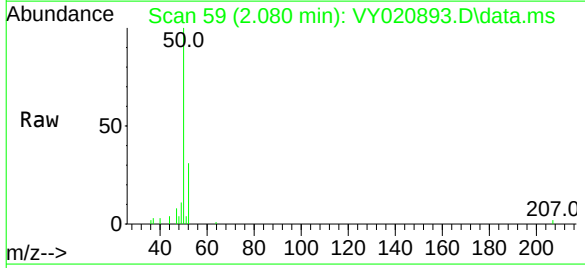




#3
Chloromethane
Concen: 20.342 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

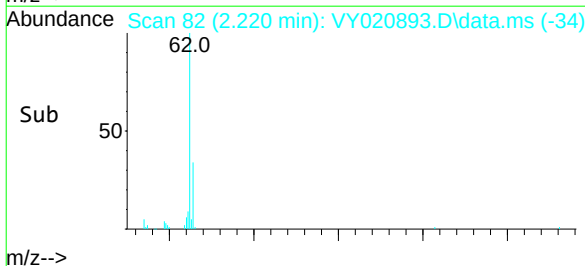
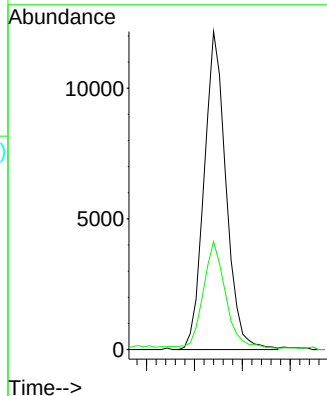
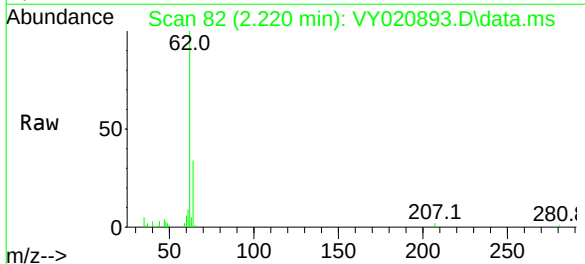
Instrument :
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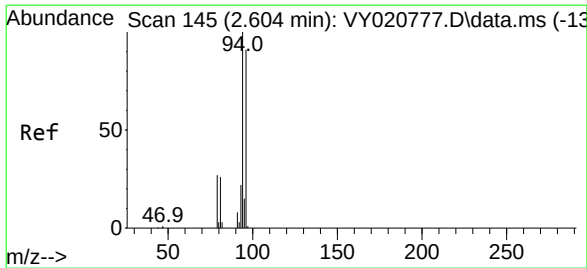
Tgt Ion: 50 Resp: 15683
Ion Ratio Lower Upper
50 100
52 30.5 27.3 40.9



#4
Vinyl Chloride
Concen: 22.609 ug/l
RT: 2.220 min Scan# 82
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 62 Resp: 19377
Ion Ratio Lower Upper
62 100
64 33.6 26.6 39.8

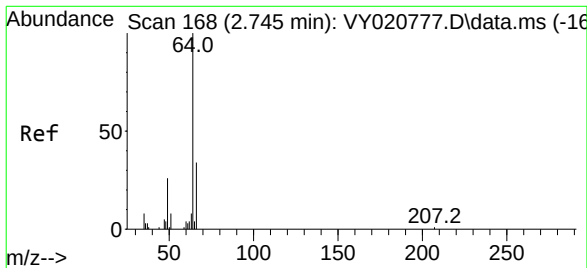
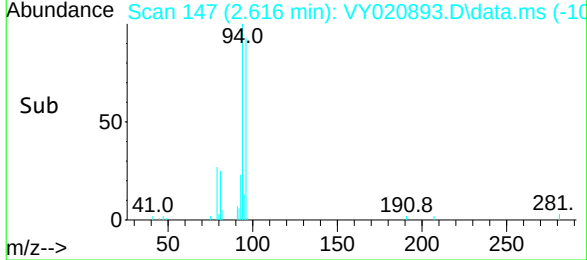
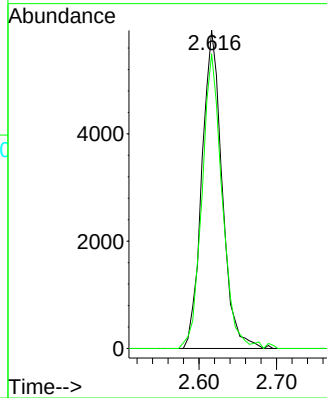
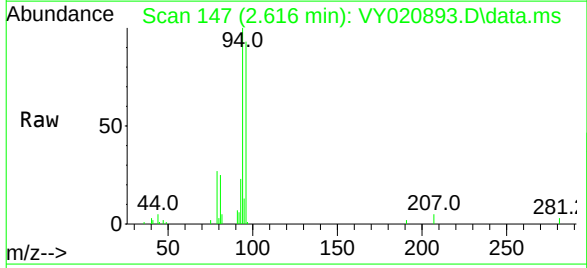




#5
Bromomethane
Concen: 17.610 ug/l
RT: 2.616 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY020893.D
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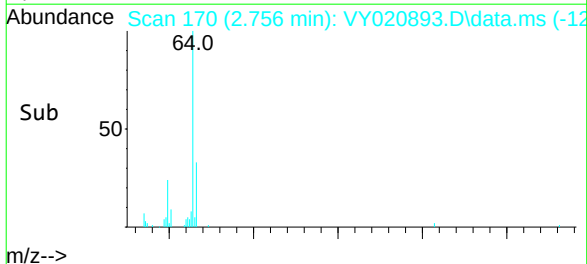
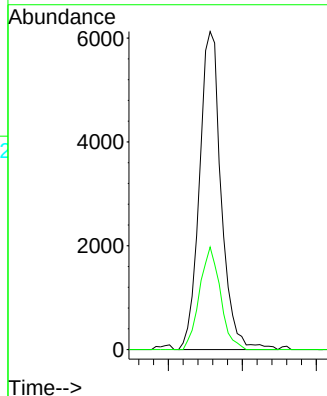
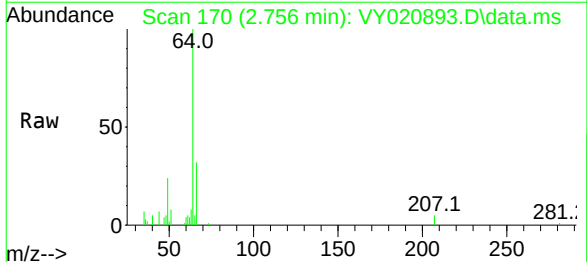
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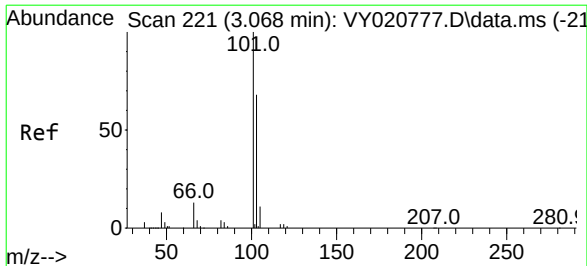
Tgt Ion: 94 Resp: 10750
Ion Ratio Lower Upper
94 100
96 92.6 72.6 109.0



#6
Chloroethane
Concen: 23.675 ug/l
RT: 2.756 min Scan# 170
Delta R.T. -0.006 min
Lab File: VY020893.D
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Tgt Ion: 64 Resp: 12514
Ion Ratio Lower Upper
64 100
66 32.2 26.9 40.3

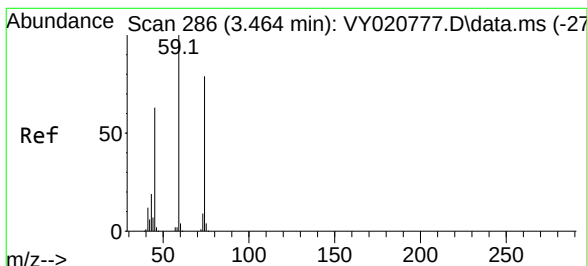
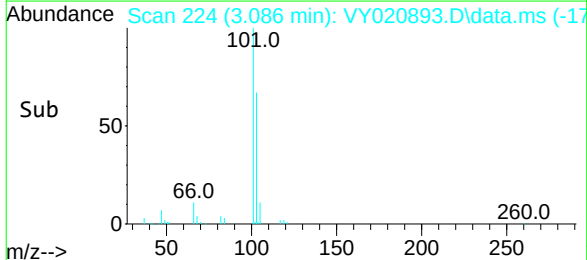
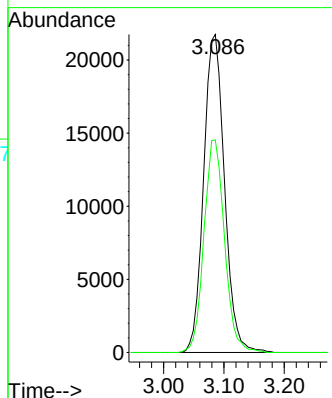
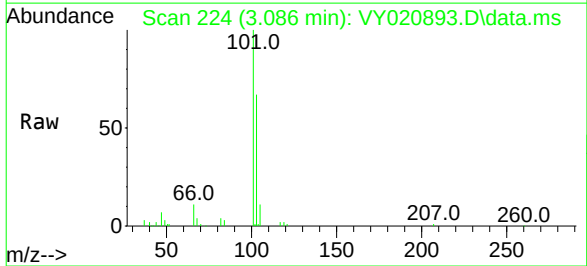




#7
Trichlorofluoromethane
Concen: 19.881 ug/l
RT: 3.086 min Scan# 221
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

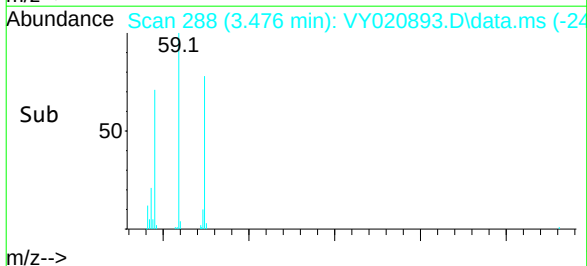
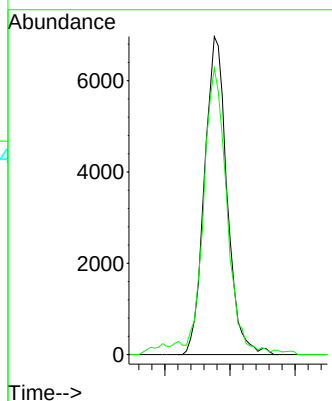
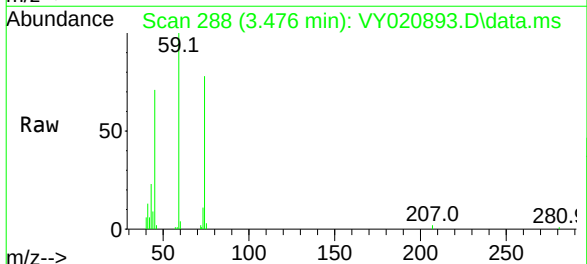
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

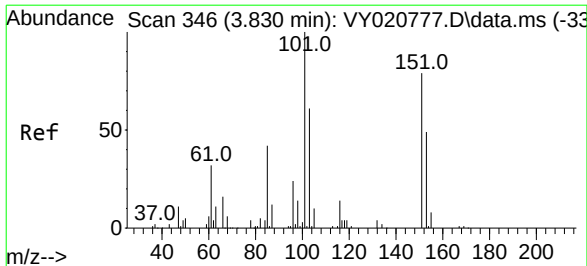
Tgt Ion:101 Resp: 52296
Ion Ratio Lower Upper
101 100
103 66.8 54.6 82.0



#8
Diethyl Ether
Concen: 20.392 ug/l
RT: 3.476 min Scan# 288
Delta R.T. -0.012 min
Lab File: VY020893.D
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Tgt Ion: 74 Resp: 16774
Ion Ratio Lower Upper
74 100
45 92.2 41.3 124.1

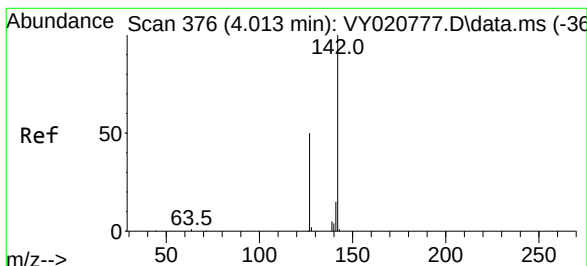
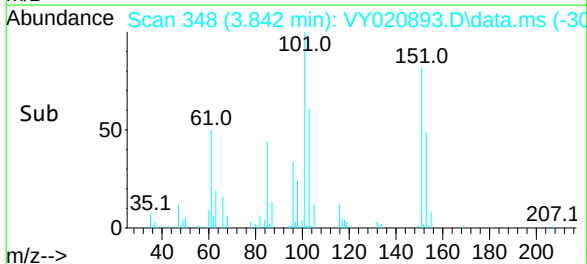
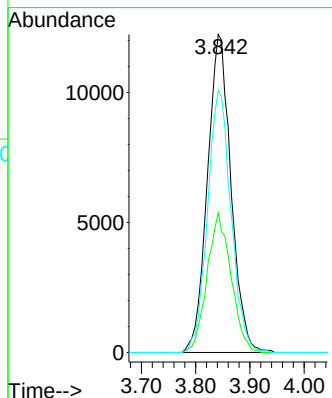
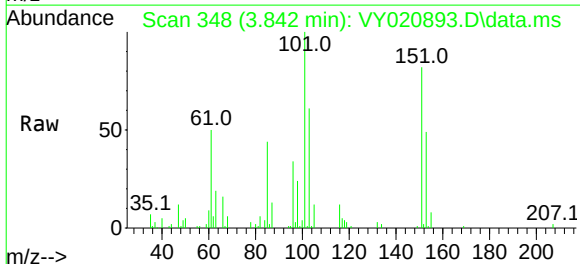




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.800 ug/l
RT: 3.842 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

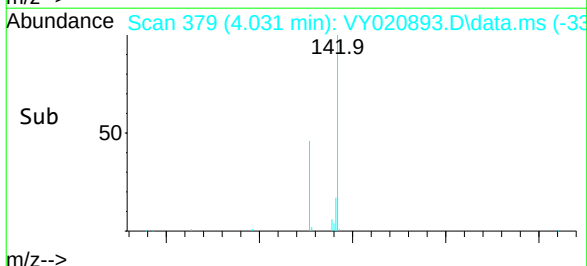
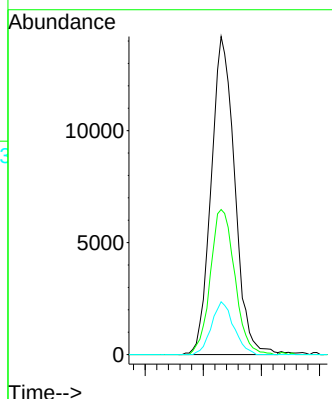
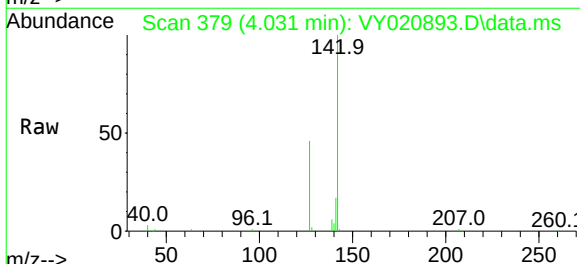
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

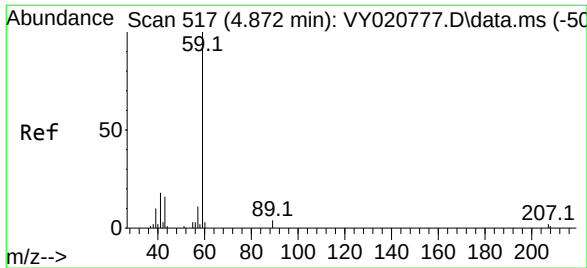
Tgt Ion:	101	Resp:	36948
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.9	53.9
151	82.5	66.9	100.3



#10
Methyl Iodide
Concen: 21.003 ug/l
RT: 4.031 min Scan# 379
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion:	142	Resp:	39981
Ion Ratio	Lower	Upper	
142	100		
127	47.3	41.0	61.6
141	15.7	11.6	17.4

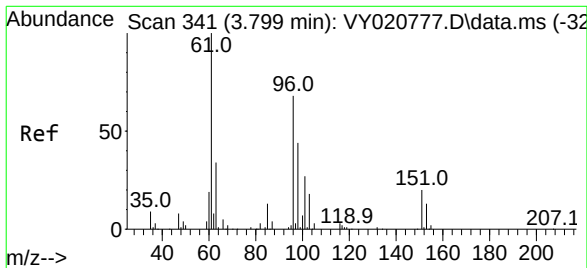
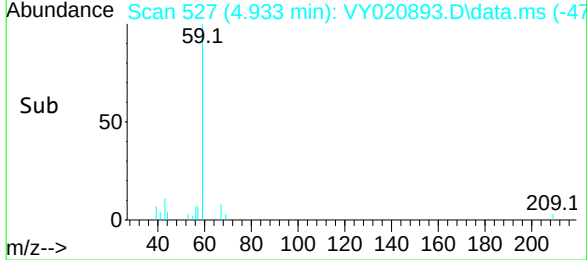
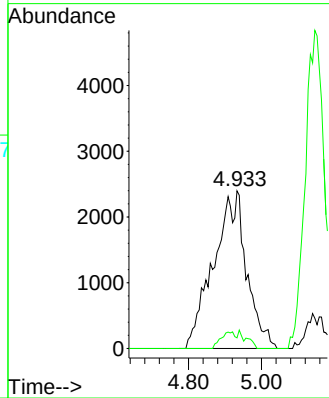
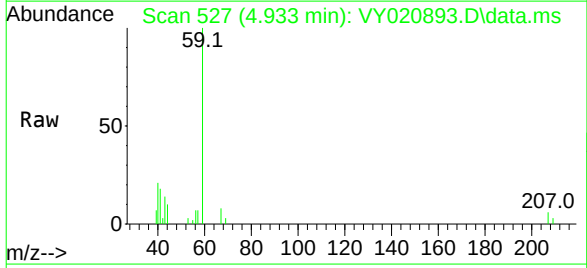




#11
Tert butyl alcohol
Concen: 117.559 ug/l m
RT: 4.933 min Scan# 52
Delta R.T. 0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

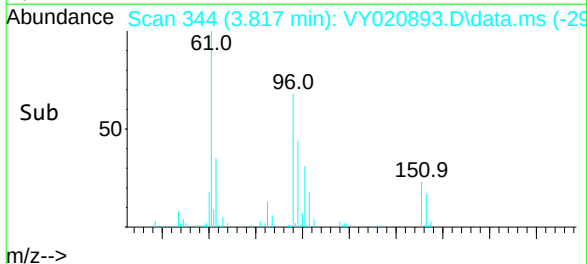
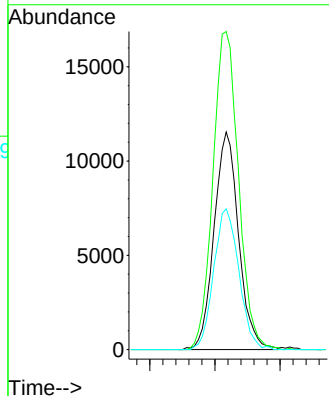
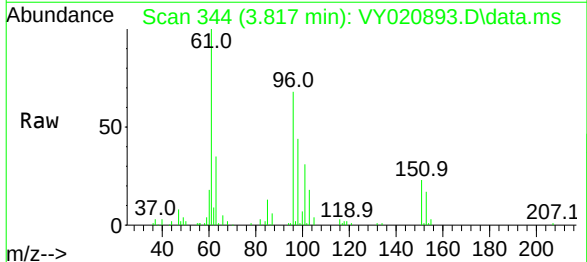
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

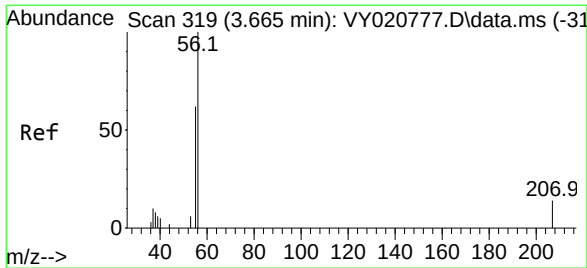
Tgt Ion: 59 Resp: 15064
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.420 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 96 Resp: 30215
Ion Ratio Lower Upper
96 100
61 146.2 117.8 176.8
98 64.7 51.9 77.9





#13

Acrolein

Concen: 2985.949 ug/l

RT: 3.677 min Scan# 32

Delta R.T. -0.012 min

Lab File: VY020893.D

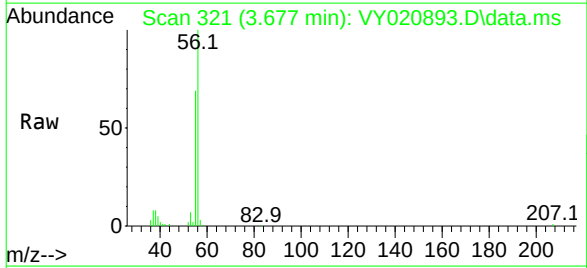
Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

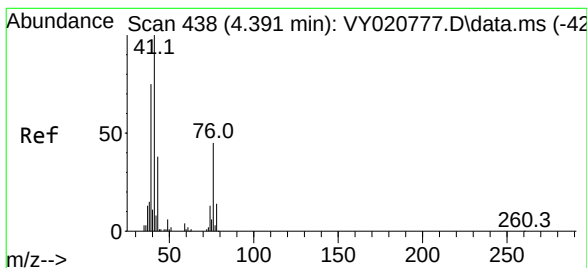
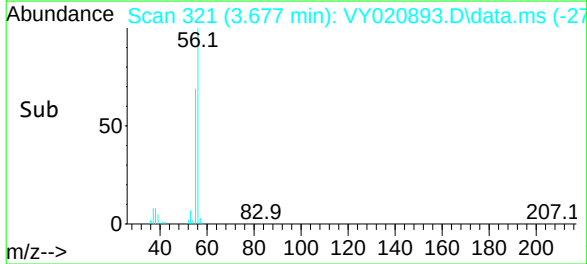
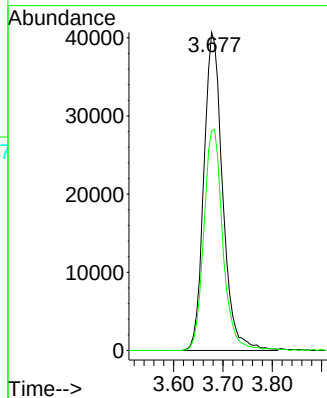


Tgt Ion: 56 Resp: 107451

Ion Ratio Lower Upper

56 100

55 70.1 58.1 87.1



#14

Allyl chloride

Concen: 20.513 ug/l

RT: 4.415 min Scan# 442

Delta R.T. -0.012 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

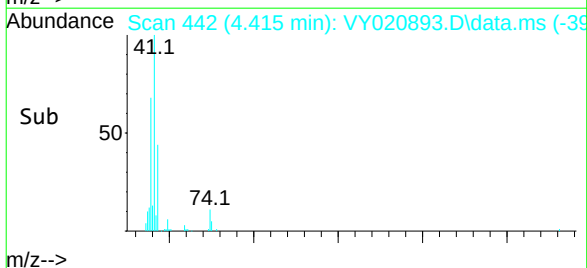
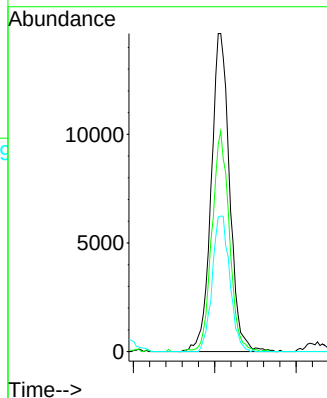
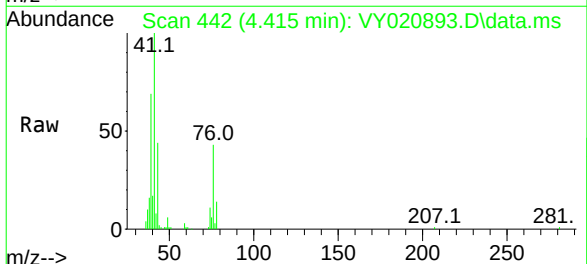
Tgt Ion: 41 Resp: 46045

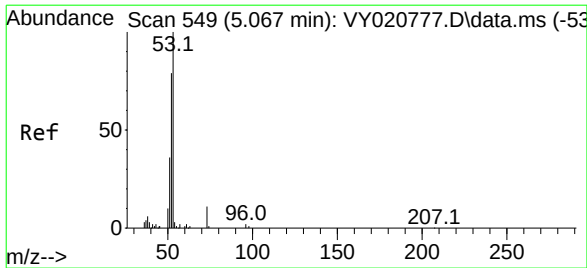
Ion Ratio Lower Upper

41 100

39 65.1 57.5 86.3

76 40.5 35.6 53.4

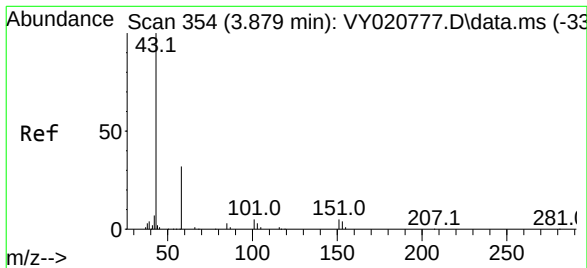
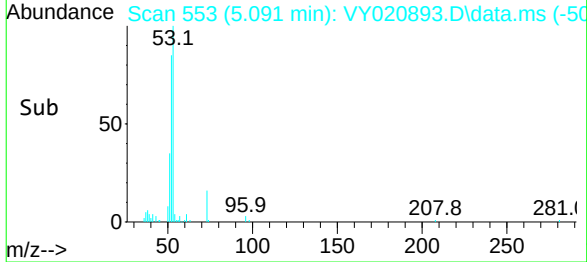
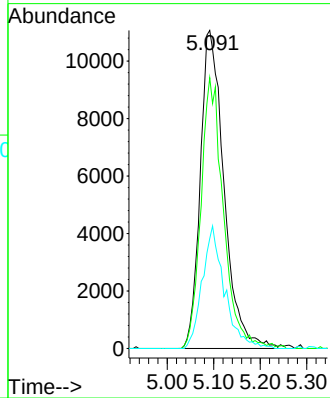
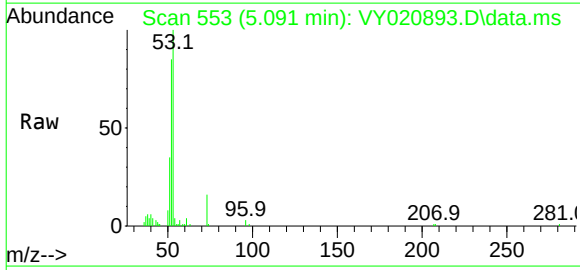




#15
Acrylonitrile
Concen: 112.140 ug/l
RT: 5.091 min Scan# 551
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

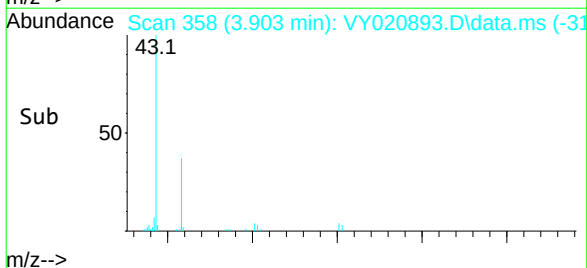
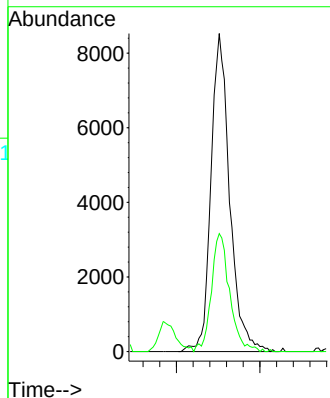
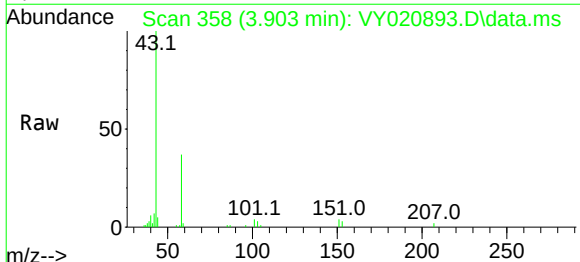
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

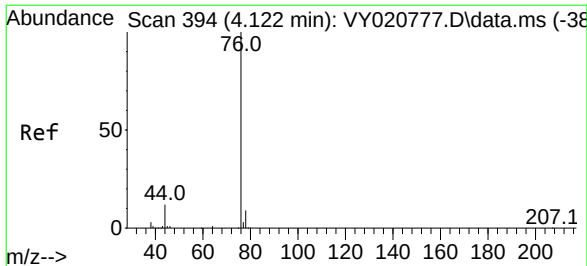
Tgt Ion:	53	Resp:	39204
Ion	Ratio	Lower	Upper
53	100		
52	80.5	64.3	96.5
51	36.3	29.3	43.9



#16
Acetone
Concen: 110.094 ug/l
RT: 3.903 min Scan# 358
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion:	43	Resp:	26549
Ion	Ratio	Lower	Upper
43	100		
58	37.1	26.7	40.1

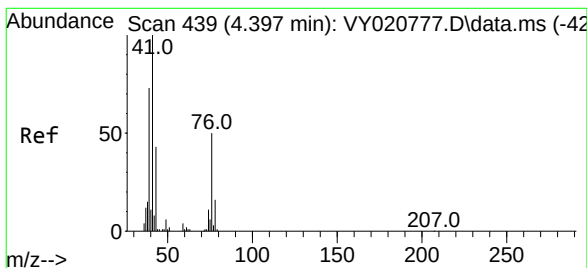
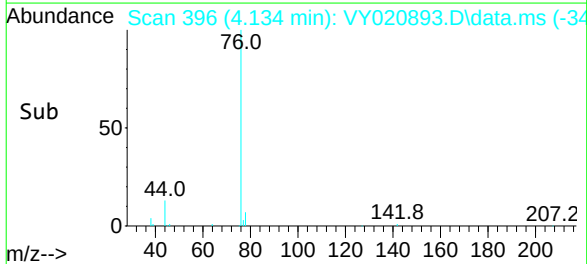
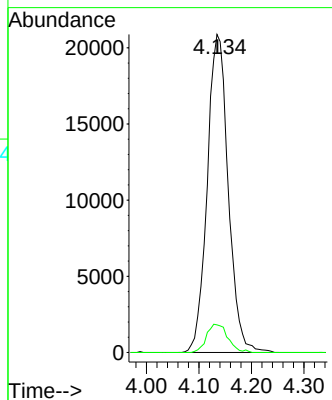
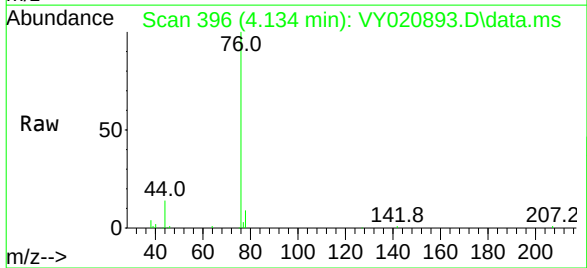




#17
Carbon Disulfide
Concen: 17.214 ug/l
RT: 4.134 min Scan# 39
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

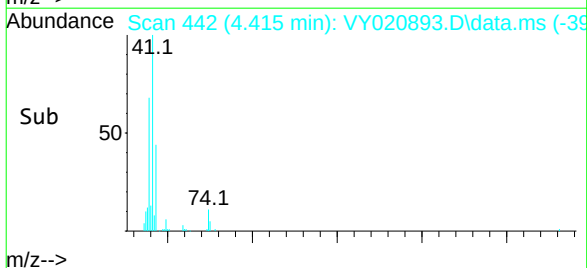
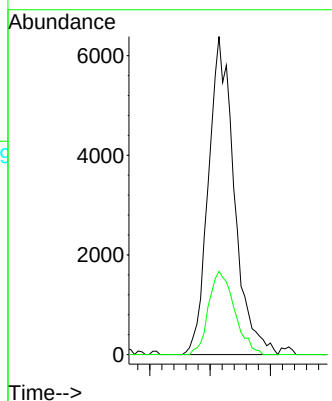
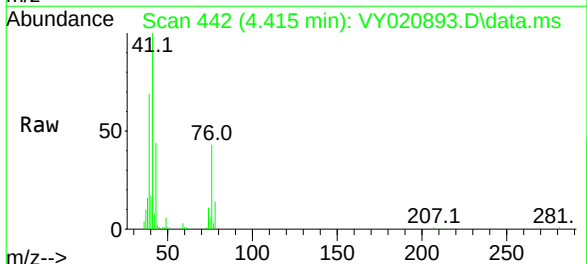
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

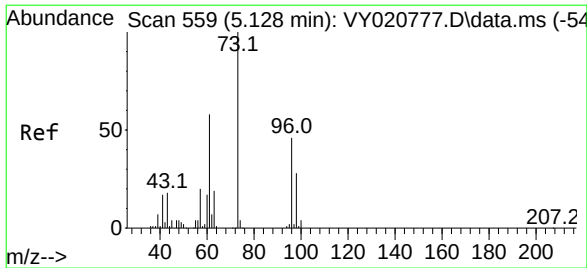
Tgt Ion: 76 Resp: 58102
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 23.371 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 43 Resp: 19029
Ion Ratio Lower Upper
43 100
74 26.2 23.0 34.6

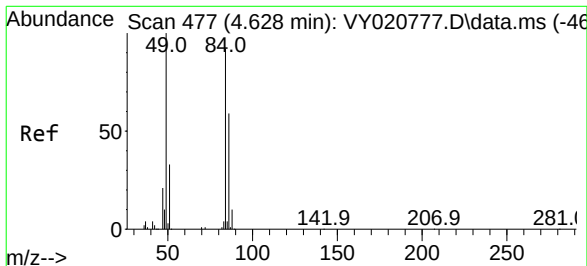
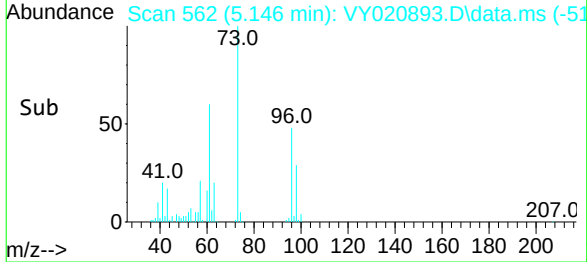
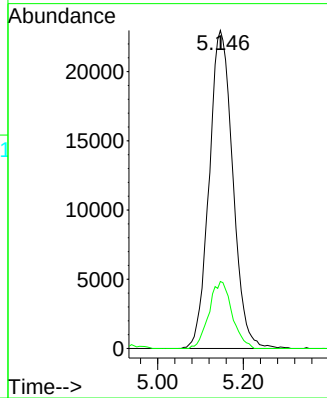
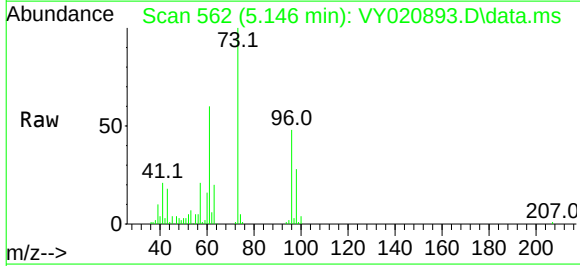




#19
Methyl tert-butyl Ether
Concen: 20.042 ug/l
RT: 5.146 min Scan# 56
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

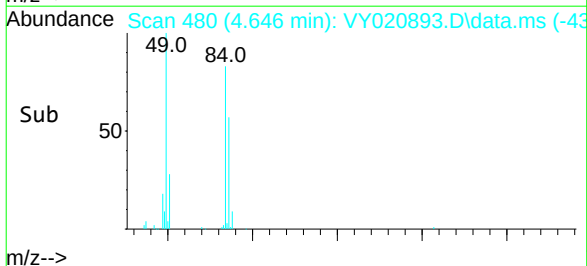
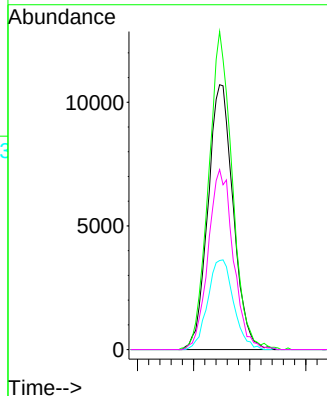
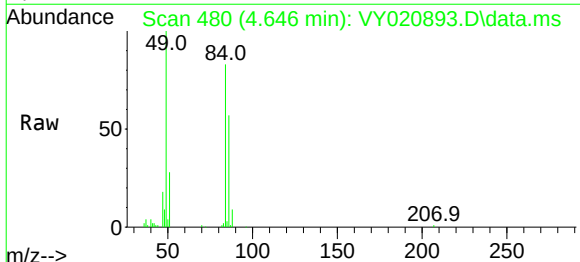
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

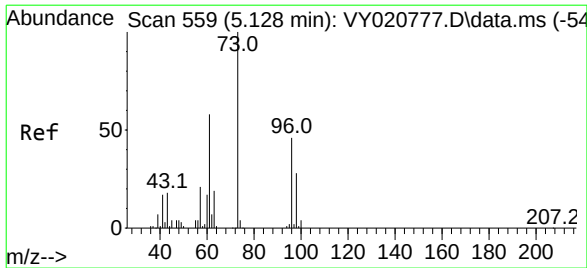
Tgt Ion: 73 Resp: 88001
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 20.063 ug/l
RT: 4.646 min Scan# 480
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 84 Resp: 33412
Ion Ratio Lower Upper
84 100
49 120.1 86.7 130.1
51 33.6 28.4 42.6
86 67.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.296 ug/l

RT: 5.146 min Scan# 56

Delta R.T. -0.012 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBSD01

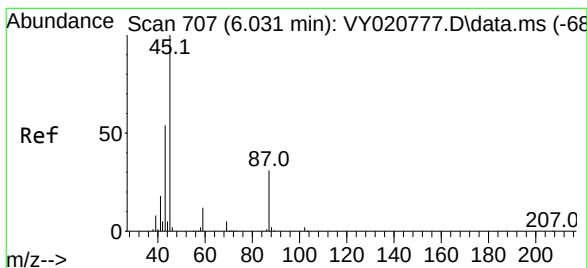
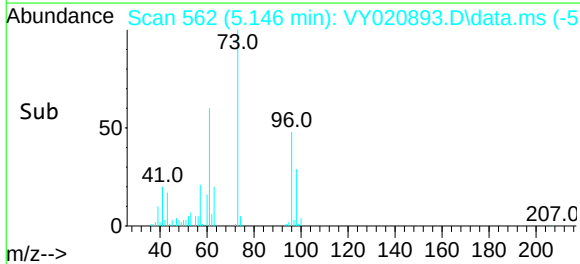
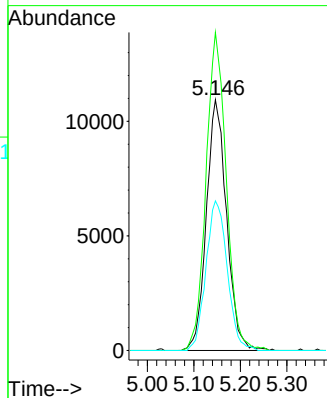
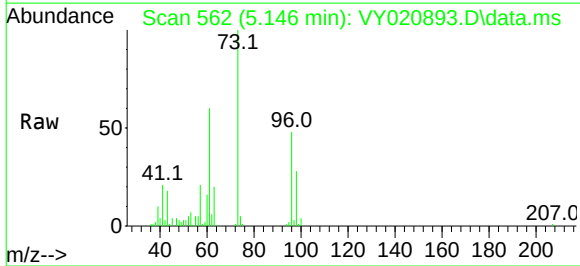
Tgt Ion: 96 Resp: 33061

Ion Ratio Lower Upper

96 100

61 126.9 101.6 152.4

98 59.7 49.4 74.2



#22

Diisopropyl ether

Concen: 22.491 ug/l

RT: 6.049 min Scan# 710

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt Ion: 45 Resp: 107546

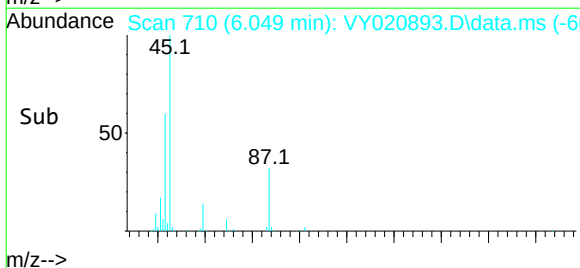
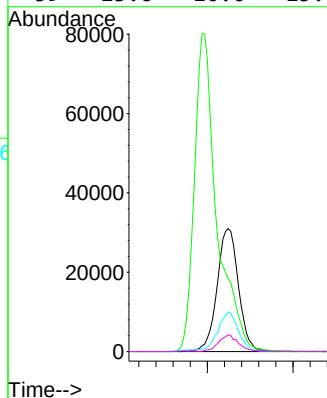
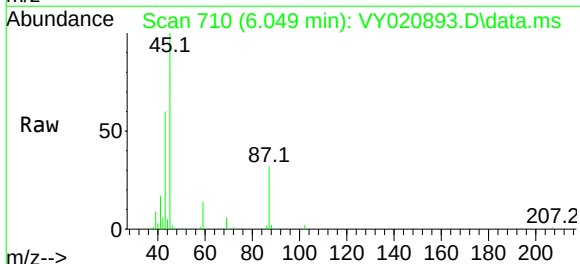
Ion Ratio Lower Upper

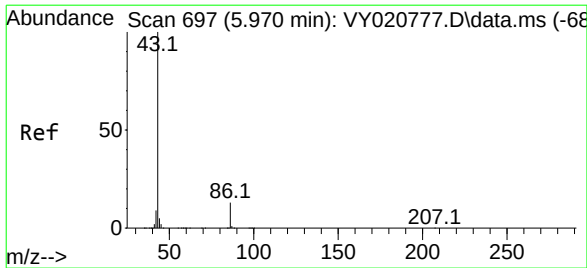
45 100

43 59.0 43.9 65.9

87 32.2 25.3 37.9

59 13.6 10.0 15.0





#23

Vinyl Acetate

Concen: 110.524 ug/l

RT: 5.988 min Scan# 70

Delta R.T. -0.012 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

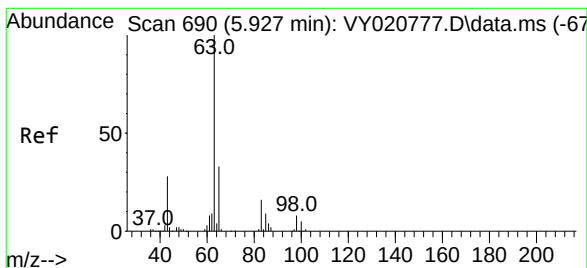
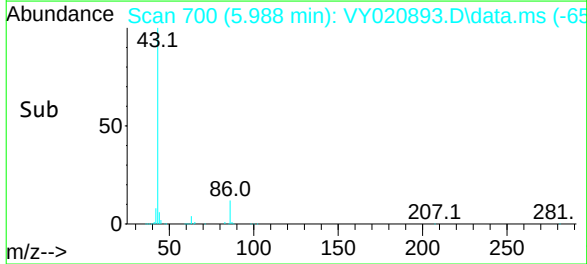
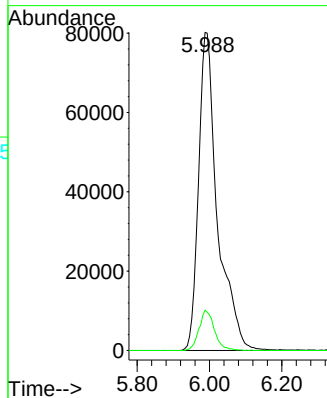
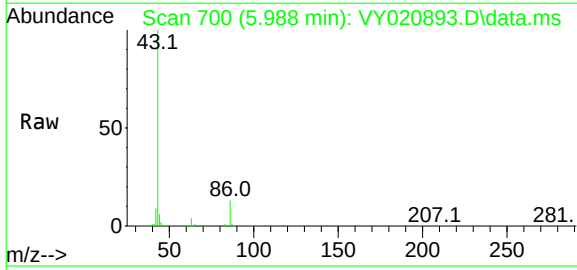
VY0122SBS01

Tgt Ion: 43 Resp: 291391

Ion Ratio Lower Upper

43 100

86 12.7 10.5 15.7



#24

1,1-Dichloroethane

Concen: 20.349 ug/l

RT: 5.945 min Scan# 693

Delta R.T. -0.012 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

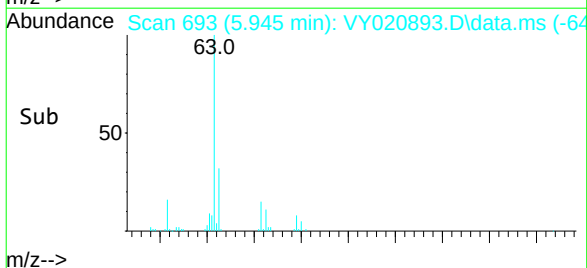
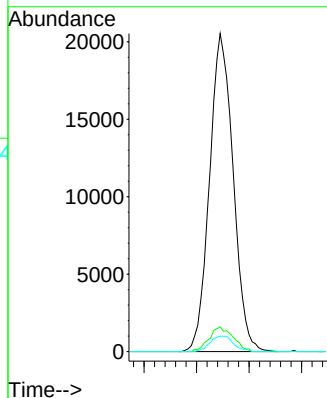
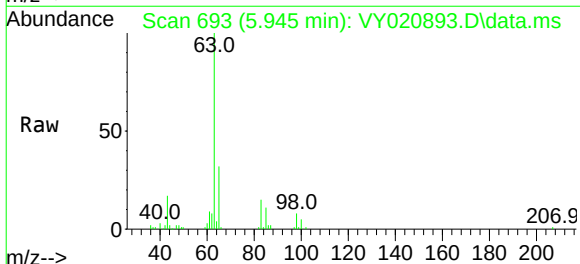
Tgt Ion: 63 Resp: 64196

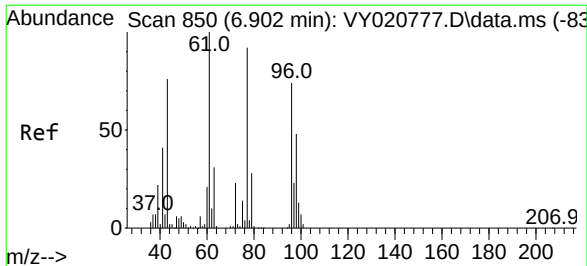
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.9 2.4 7.2

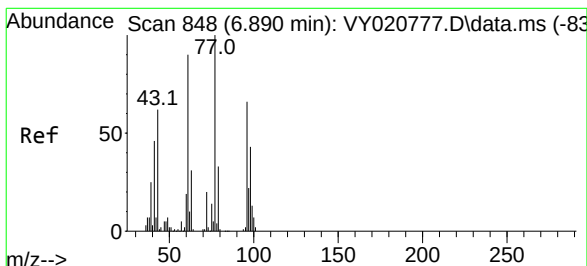
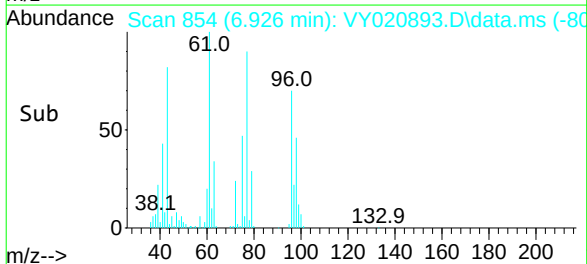
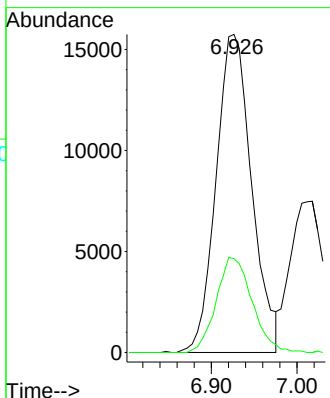
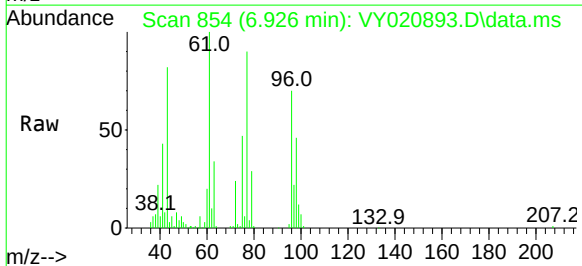




#25
2-Butanone
Concen: 114.963 ug/l
RT: 6.926 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

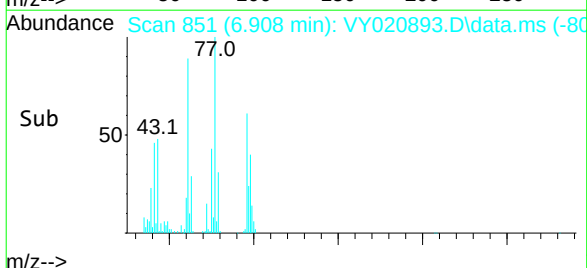
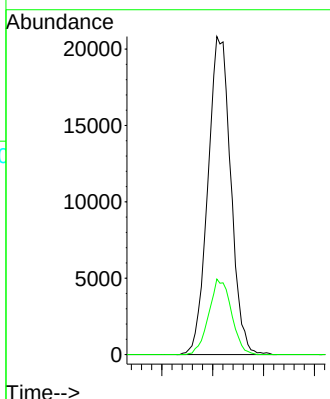
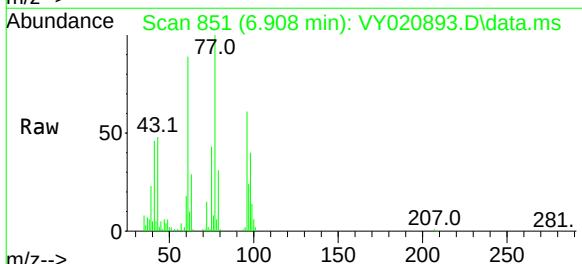
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

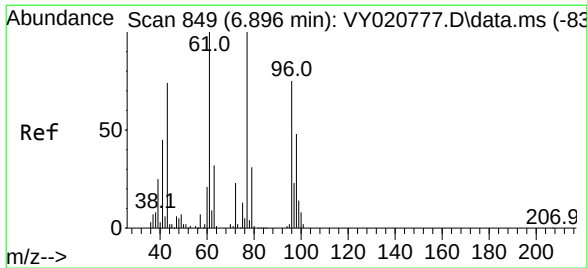
Tgt Ion: 43 Resp: 45540
Ion Ratio Lower Upper
43 100
72 29.5 24.0 36.0



#26
2,2-Dichloropropane
Concen: 19.876 ug/l
RT: 6.908 min Scan# 851
Delta R.T. -0.018 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 77 Resp: 65102
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8

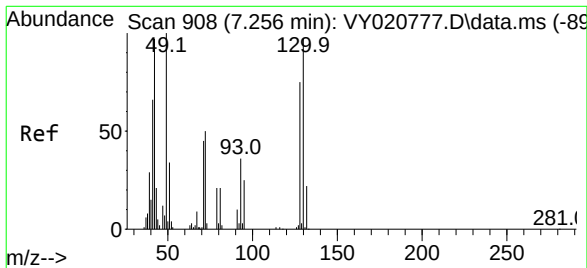
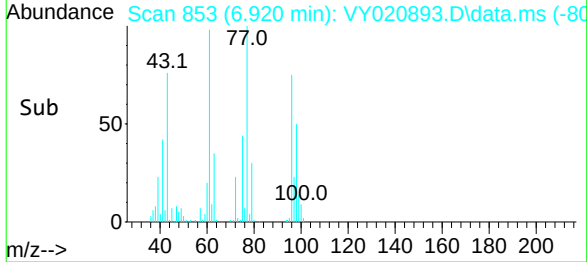
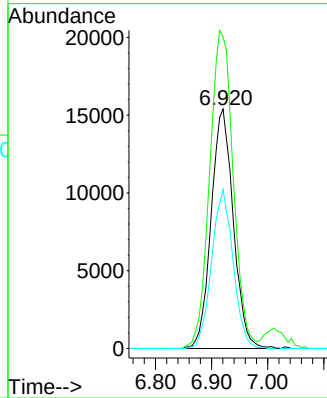
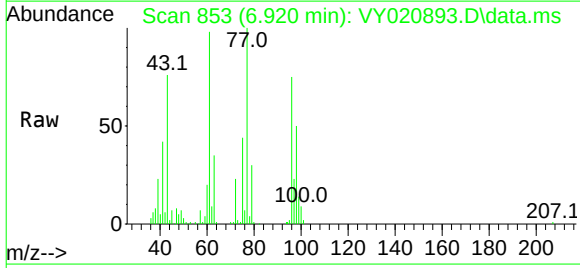




#27
 cis-1,2-Dichloroethene
 Concen: 19.558 ug/l
 RT: 6.920 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VY020893.D
 Acq: 22 Jan 2025 10:44

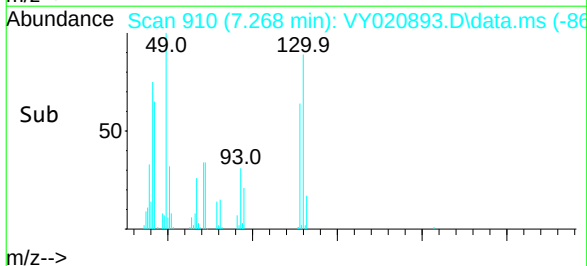
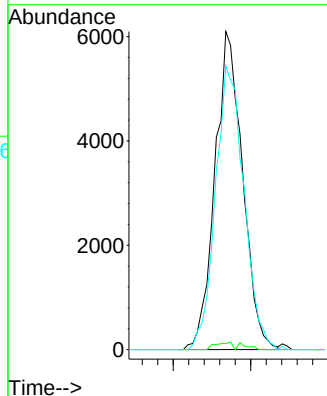
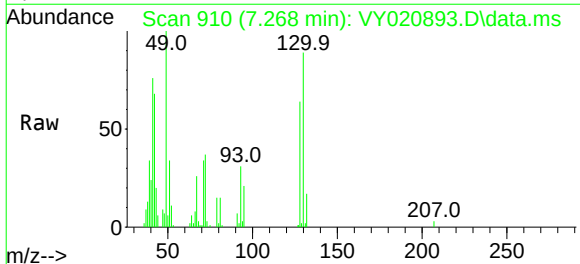
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBSD01

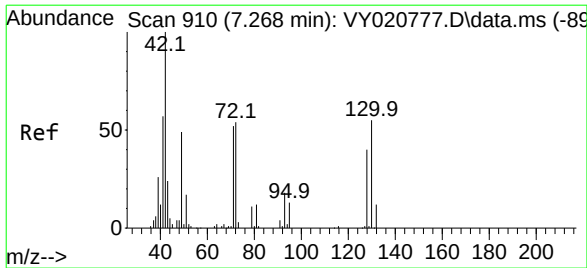
Tgt Ion: 96 Resp: 42281
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 271.4
 98 64.3 0.0 129.0



#28
 Bromochloromethane
 Concen: 17.755 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: VY020893.D
 Acq: 22 Jan 2025 10:44

Tgt Ion: 49 Resp: 15114
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 5.2
 130 92.0 77.8 116.6





#29

Tetrahydrofuran

Concen: 116.730 ug/l

RT: 7.292 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

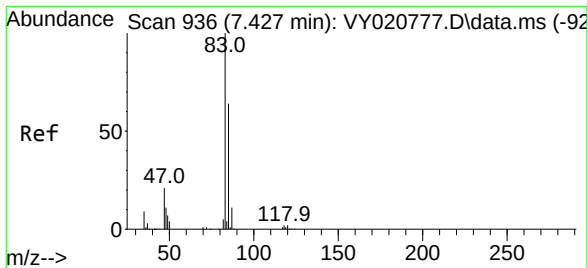
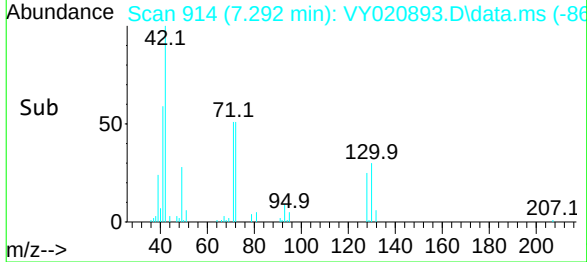
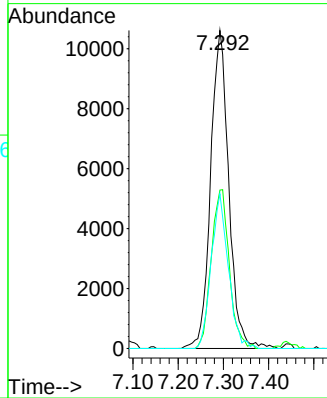
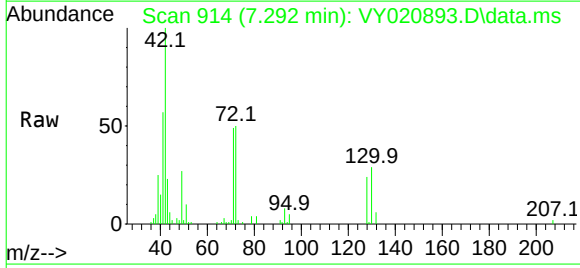
Tgt Ion: 42 Resp: 29538

Ion Ratio Lower Upper

42 100

72 49.7 41.8 62.6

71 46.1 39.8 59.8



#30

Chloroform

Concen: 19.997 ug/l

RT: 7.445 min Scan# 939

Delta R.T. -0.012 min

Lab File: VY020893.D

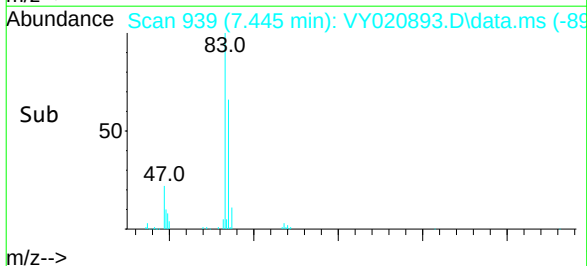
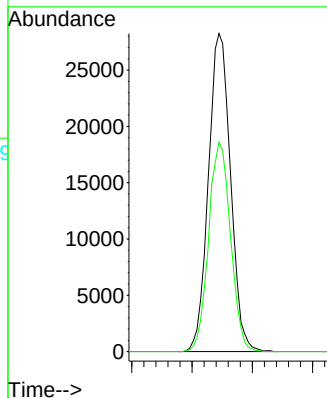
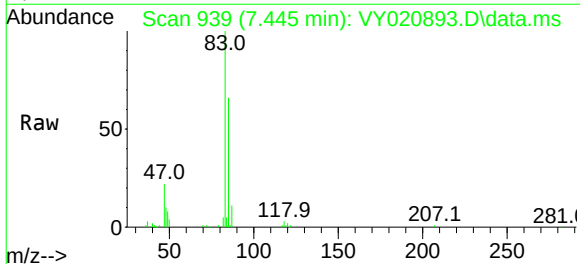
Acq: 22 Jan 2025 10:44

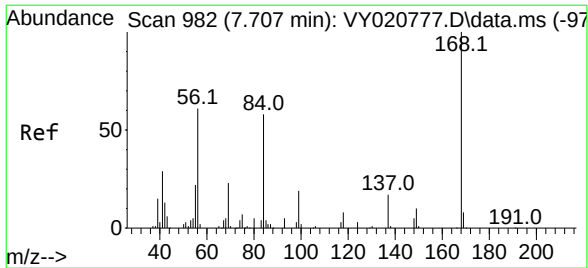
Tgt Ion: 83 Resp: 71941

Ion Ratio Lower Upper

83 100

85 65.8 51.1 76.7

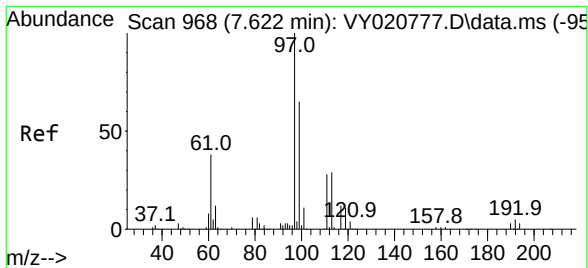
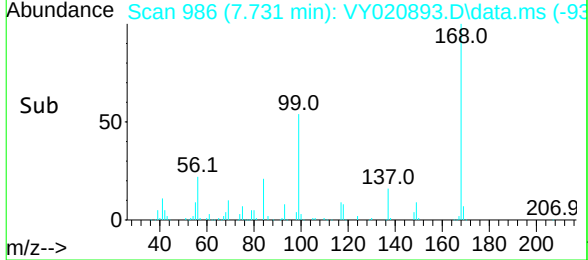
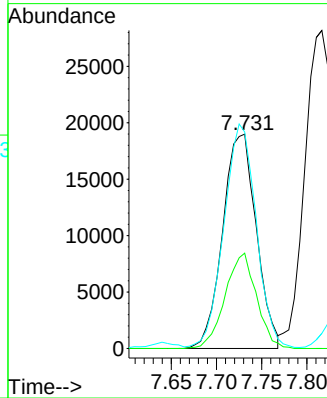
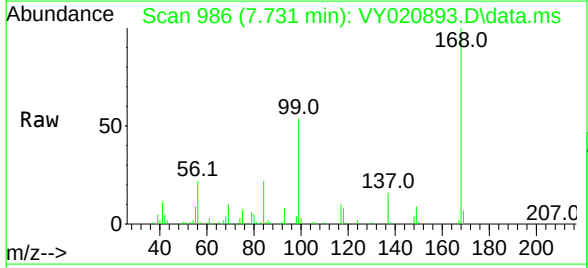




#31
Cyclohexane
Concen: 19.929 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

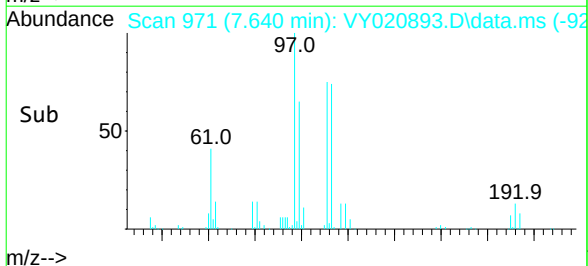
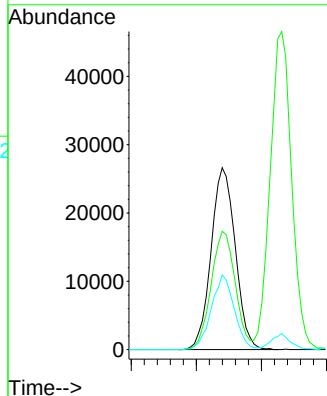
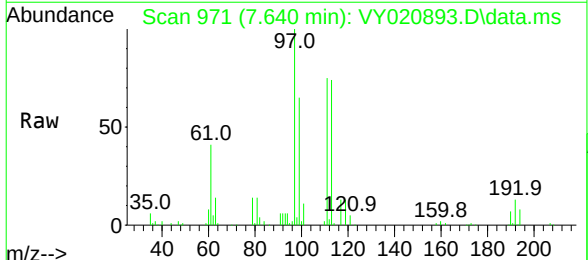
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

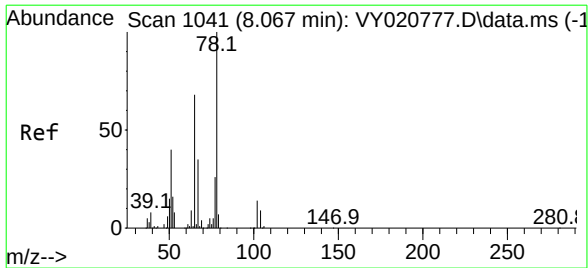
Tgt Ion: 56 Resp: 49177
Ion Ratio Lower Upper
56 100
69 44.5 30.5 45.7
84 99.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 19.573 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 97 Resp: 68687
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.9 30.5 45.7

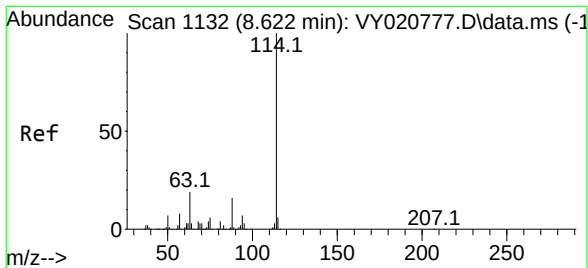
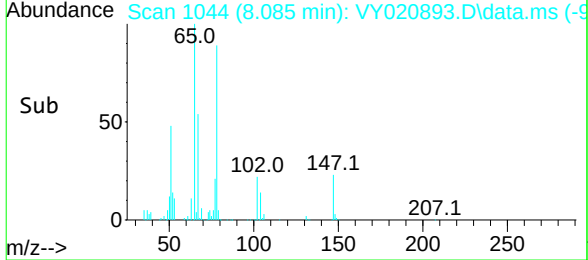
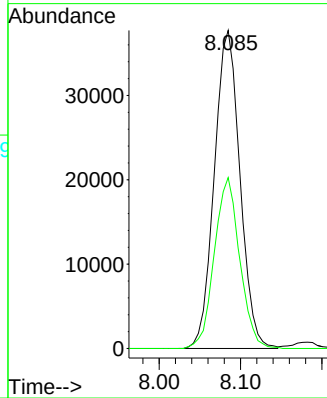
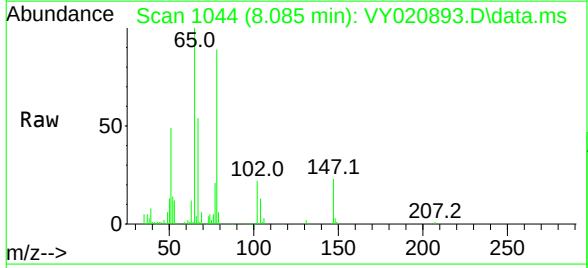




#33
 1,2-Dichloroethane-d4
 Concen: 48.702 ug/l
 RT: 8.085 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: VY020893.D
 Acq: 22 Jan 2025 10:44

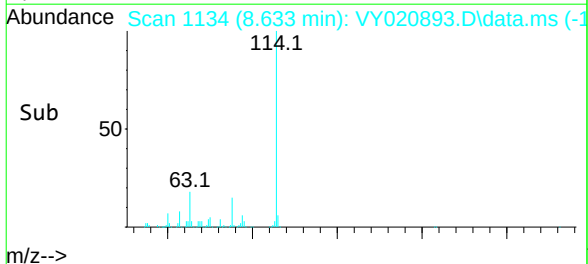
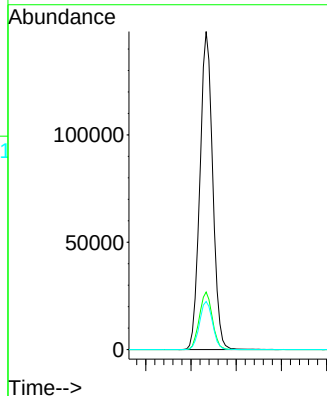
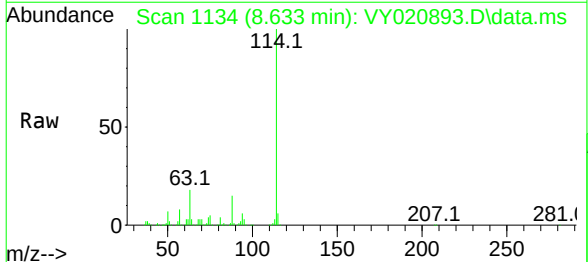
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

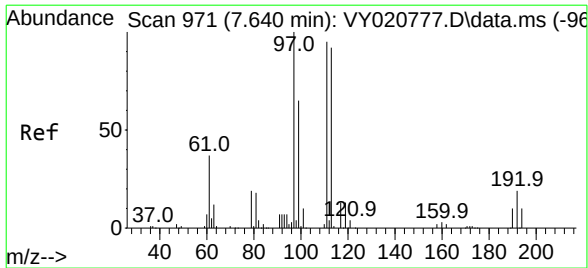
Tgt Ion: 65 Resp: 82589
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.633 min Scan# 1134
 Delta R.T. -0.006 min
 Lab File: VY020893.D
 Acq: 22 Jan 2025 10:44

Tgt Ion: 114 Resp: 290615
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 15.1 0.0 31.2

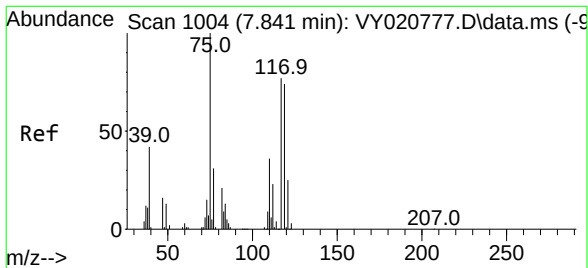
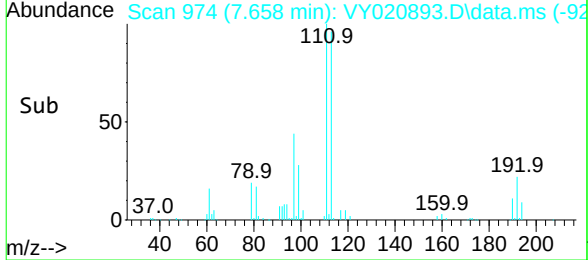
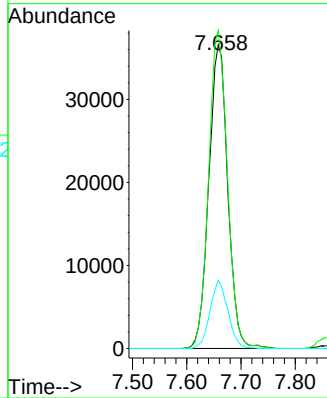
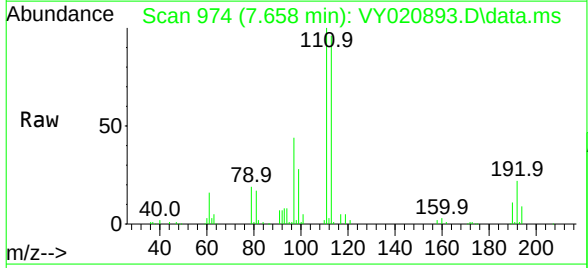




#35
Dibromofluoromethane
Concen: 48.846 ug/l
RT: 7.658 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

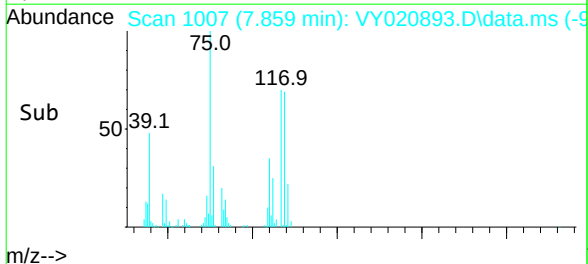
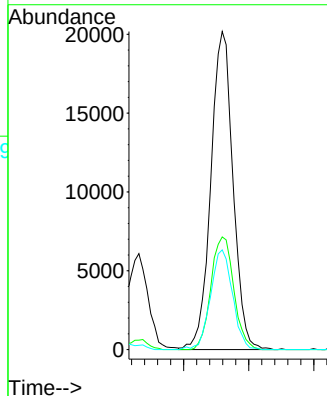
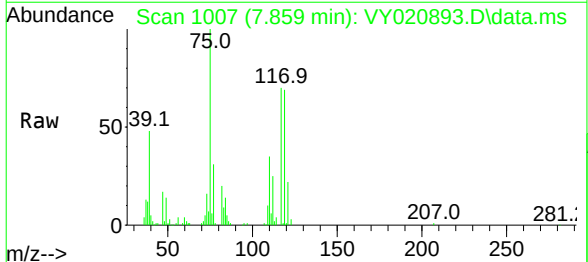
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

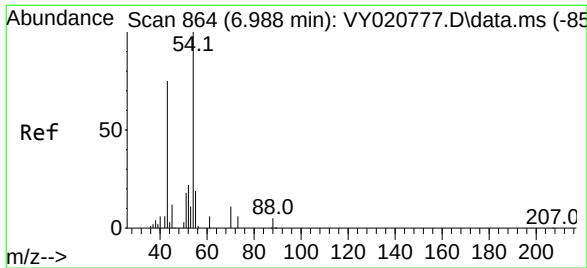
Tgt Ion:113 Resp: 88932
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 20.538 ug/l
RT: 7.859 min Scan# 1007
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 75 Resp: 47694
Ion Ratio Lower Upper
75 100
110 36.5 18.5 55.5
77 31.2 25.0 37.4

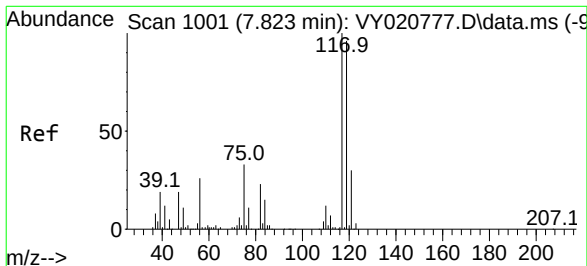
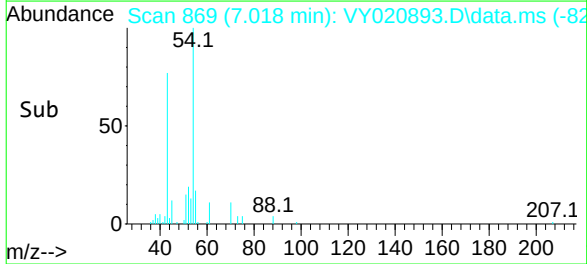
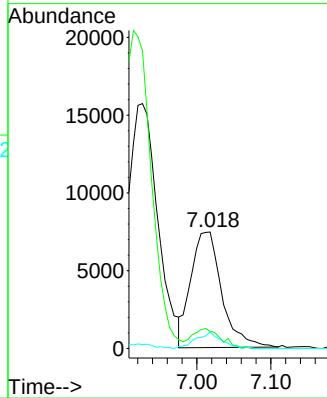
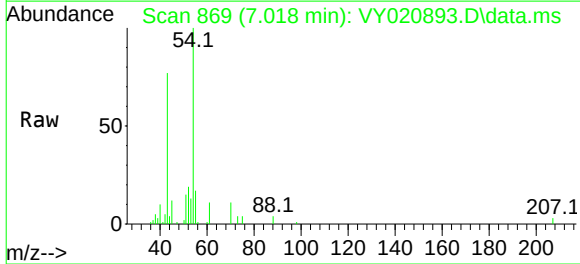




#37
Ethyl Acetate
Concen: 23.352 ug/l
RT: 7.018 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

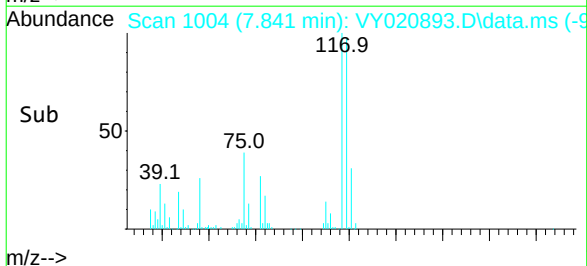
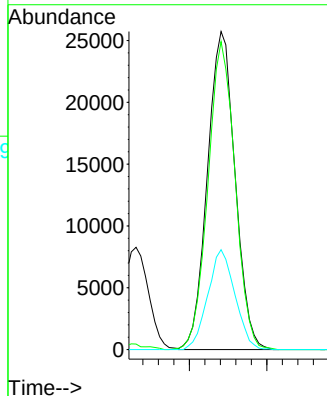
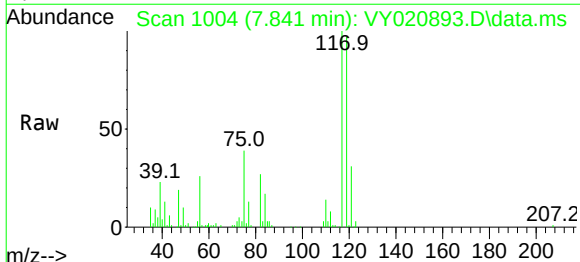
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

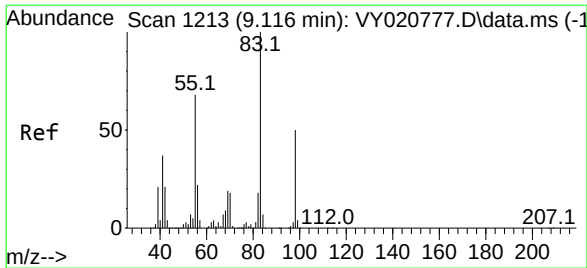
Tgt Ion: 43 Resp: 21581
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.743 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 117 Resp: 63822
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 31.4 24.3 36.5

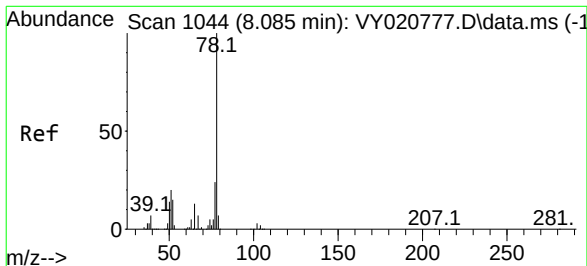
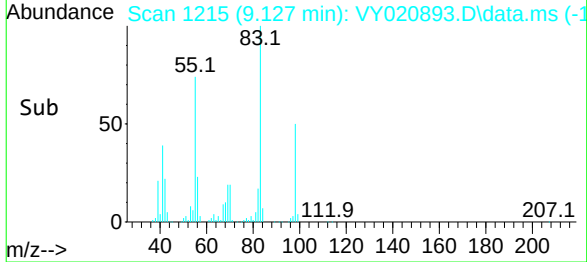
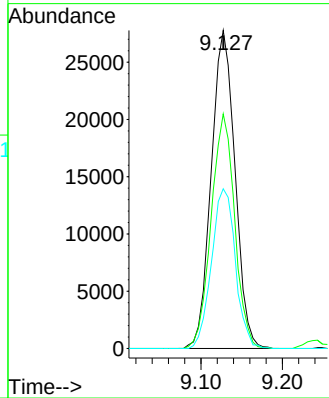
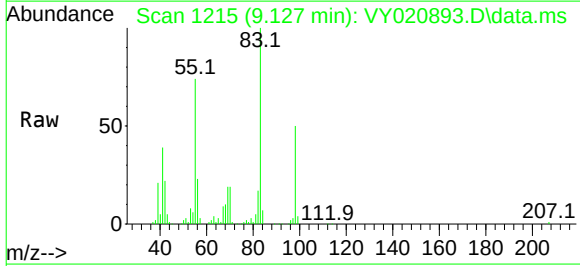




#39
Methylcyclohexane
Concen: 19.782 ug/l
RT: 9.127 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

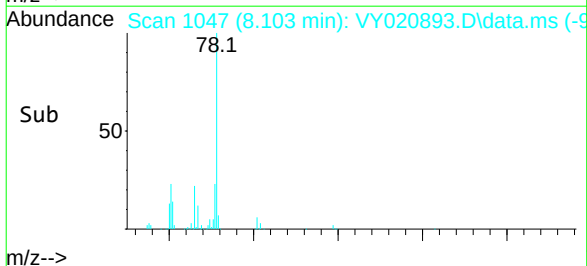
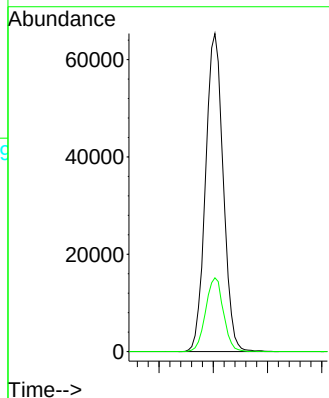
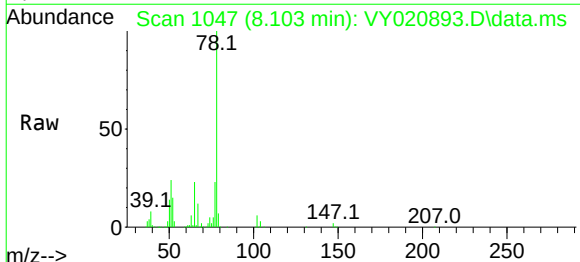
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

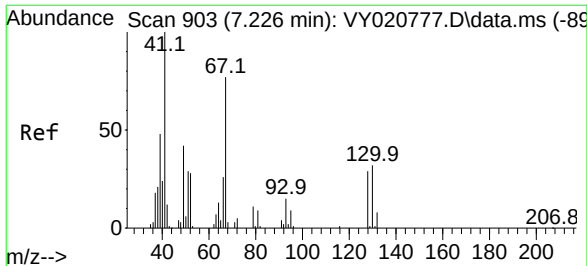
Tgt Ion:	83	Resp:	56373
Ion	Ratio	Lower	Upper
83	100		
55	73.8	54.8	82.2
98	50.2	40.0	60.0



#40
Benzene
Concen: 20.725 ug/l
RT: 8.103 min Scan# 1047
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion:	78	Resp:	147712
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





#41

Methacrylonitrile

Concen: 22.305 ug/l

RT: 7.243 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY020893.D

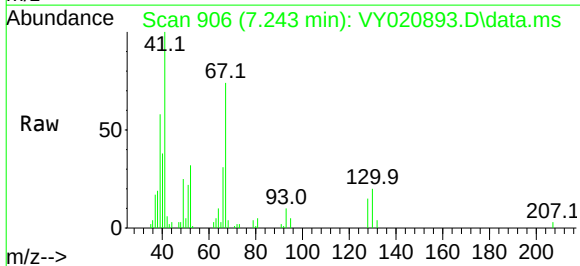
Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBSD01



Tgt Ion: 41 Resp: 11805

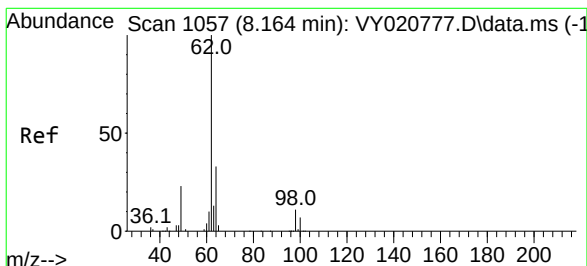
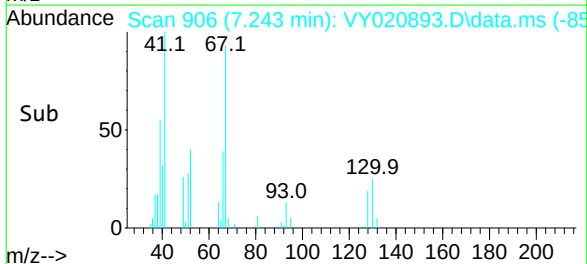
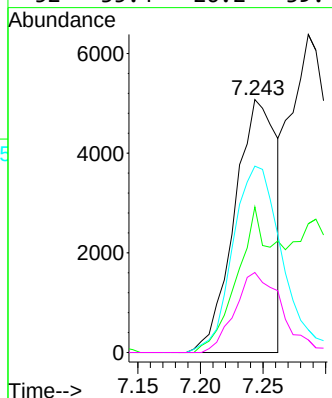
Ion Ratio Lower Upper

41 100

39 42.6 42.4 63.6

67 87.8 67.8 101.8

52 35.4 26.2 39.4



#42

1,2-Dichloroethane

Concen: 20.166 ug/l

RT: 8.182 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VY020893.D

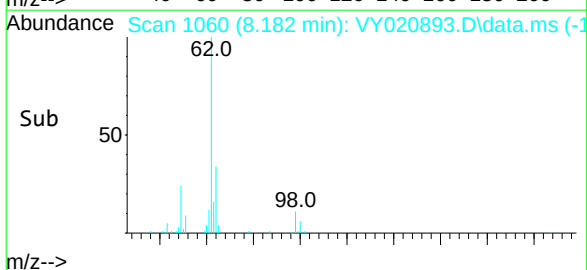
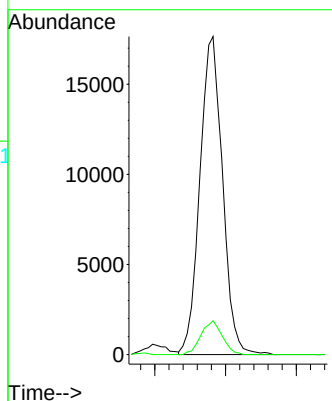
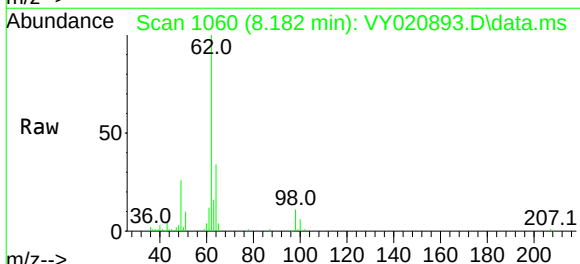
Acq: 22 Jan 2025 10:44

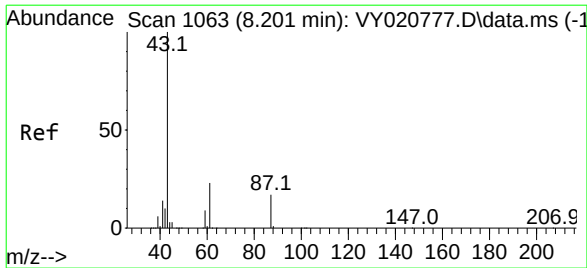
Tgt Ion: 62 Resp: 39251

Ion Ratio Lower Upper

62 100

98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 22.338 ug/l

RT: 8.219 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

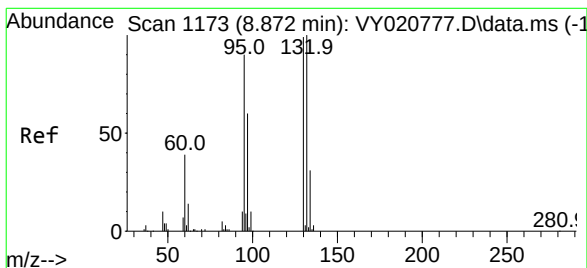
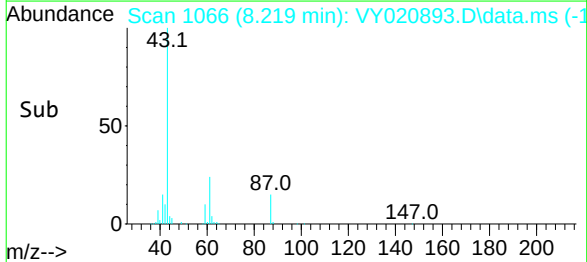
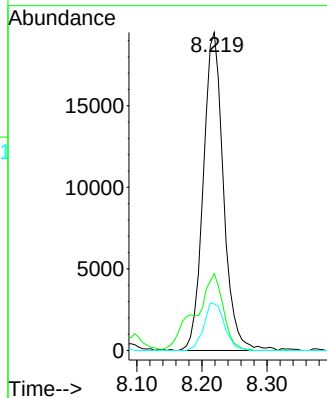
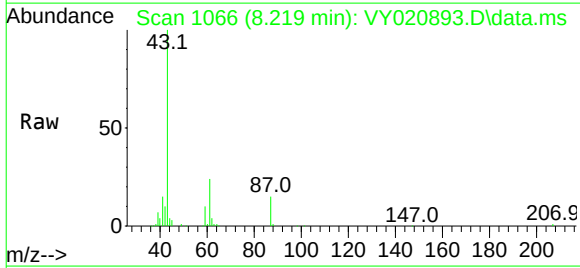
Tgt Ion: 43 Resp: 41988

Ion Ratio Lower Upper

43 100

61 33.6 26.5 39.7

87 15.3 13.4 20.0



#44

Trichloroethene

Concen: 20.129 ug/l

RT: 8.883 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VY020893.D

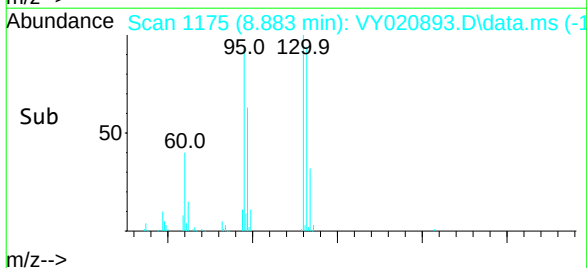
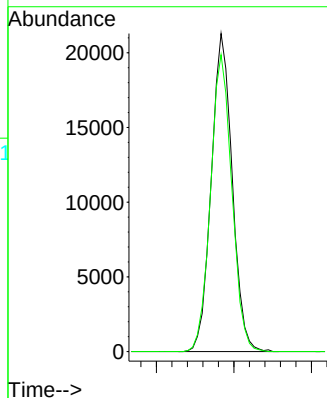
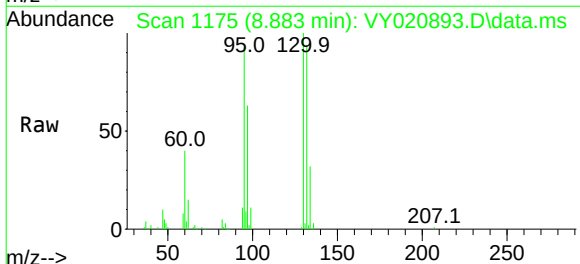
Acq: 22 Jan 2025 10:44

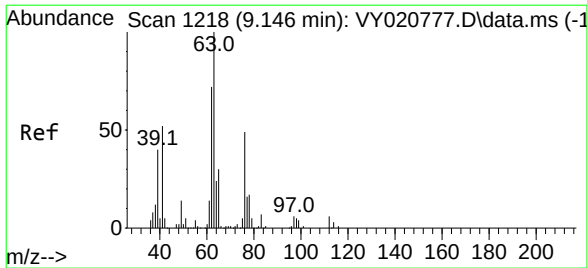
Tgt Ion:130 Resp: 39994

Ion Ratio Lower Upper

130 100

95 93.3 0.0 181.0

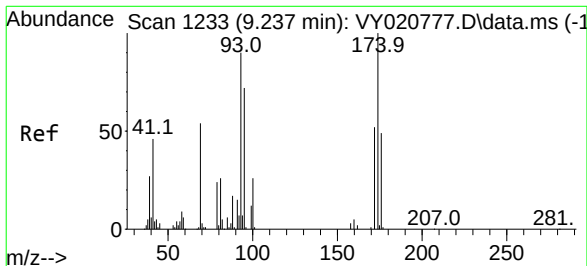
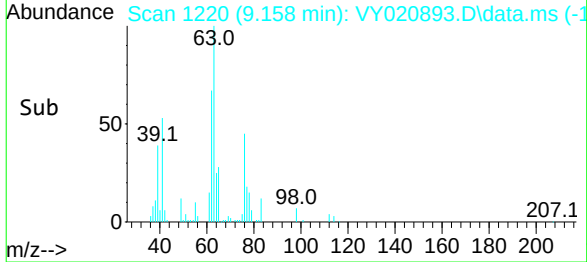
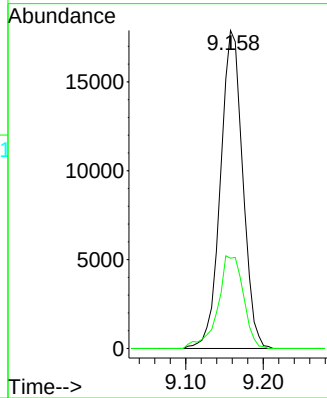
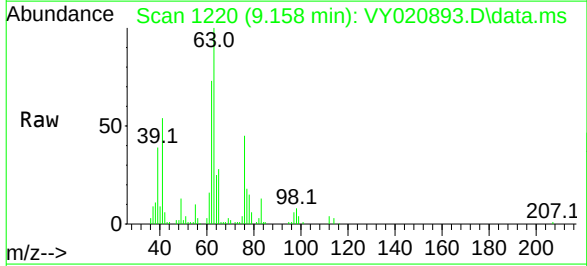




#45
1,2-Dichloropropane
Concen: 22.075 ug/l
RT: 9.158 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

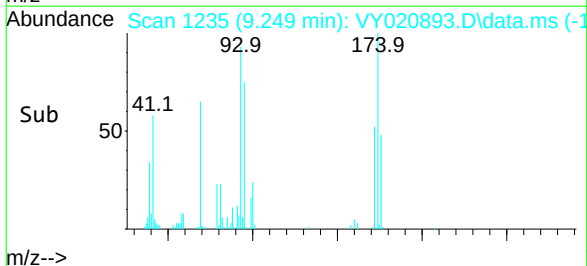
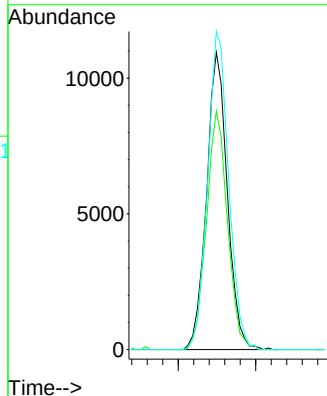
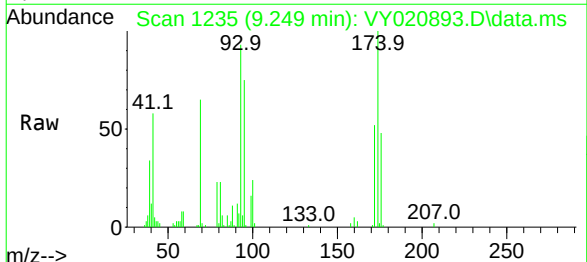
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

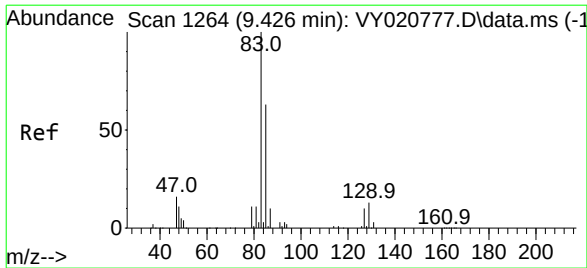
Tgt Ion: 63 Resp: 35668
Ion Ratio Lower Upper
63 100
65 28.4 24.2 36.4



#46
Dibromomethane
Concen: 21.988 ug/l
RT: 9.249 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 93 Resp: 20401
Ion Ratio Lower Upper
93 100
95 81.3 68.2 102.4
174 108.5 89.0 133.6

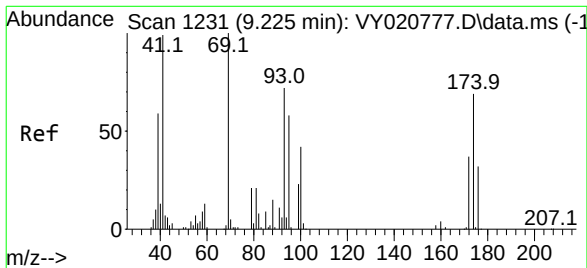
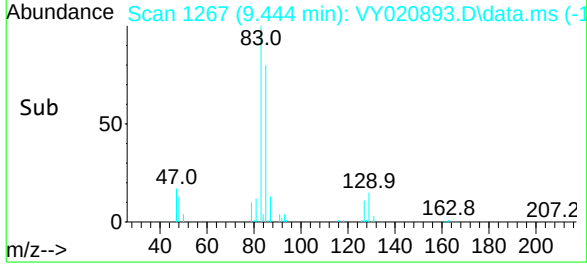
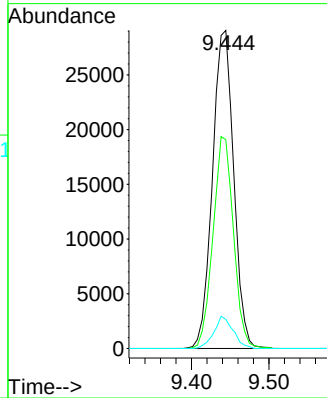
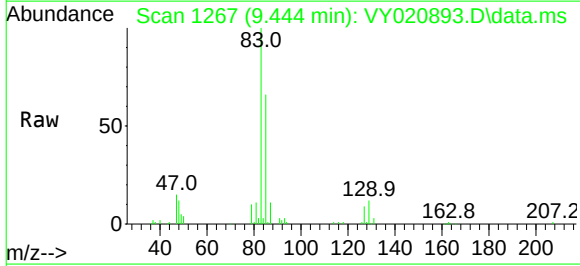




#47
Bromodichloromethane
Concen: 20.841 ug/l
RT: 9.444 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

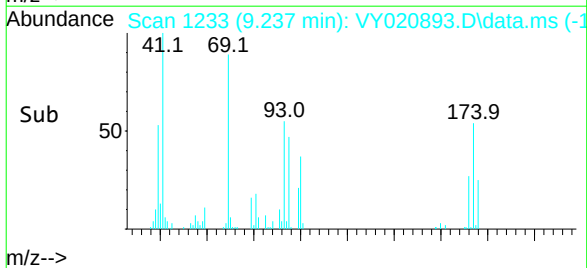
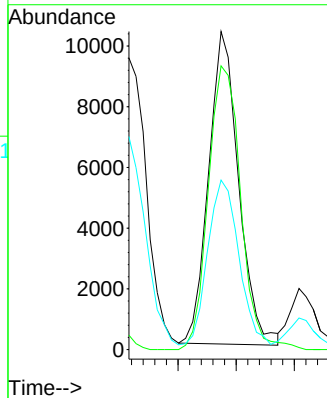
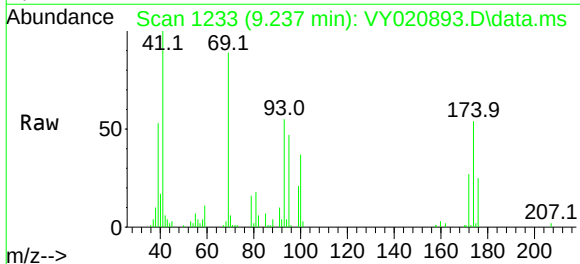
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

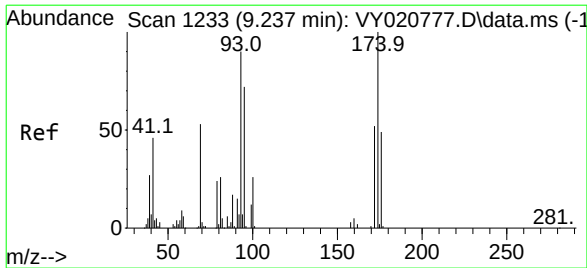
Tgt Ion: 83 Resp: 55381
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1
127 9.1 7.9 11.9



#48
Methyl methacrylate
Concen: 21.921 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 41 Resp: 18473
Ion Ratio Lower Upper
41 100
69 98.0 78.9 118.3
39 58.1 44.6 67.0

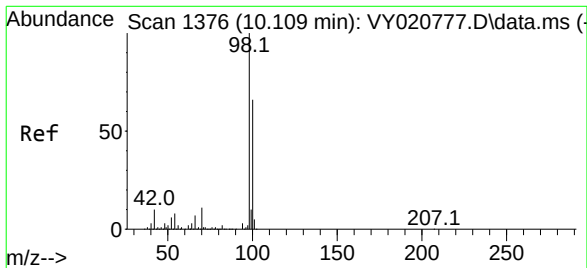
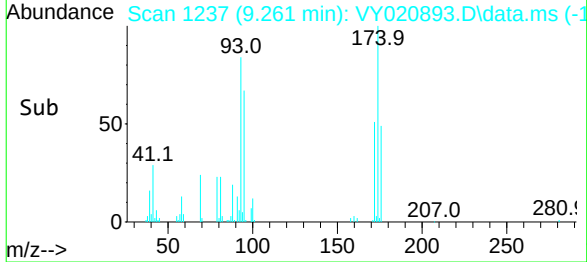
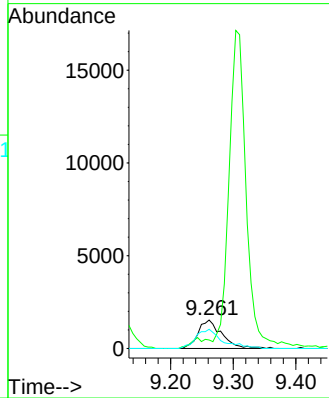
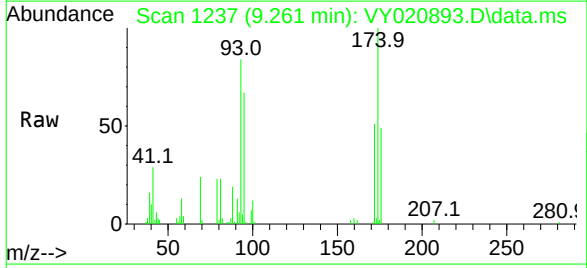




#49
1,4-Dioxane
Concen: 410.913 ug/l
RT: 9.261 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

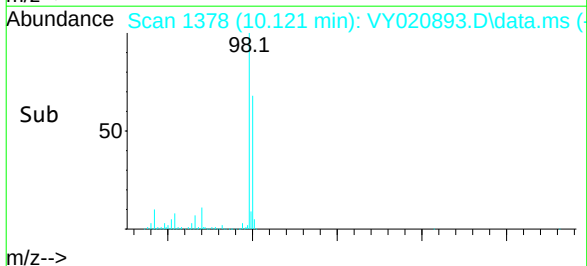
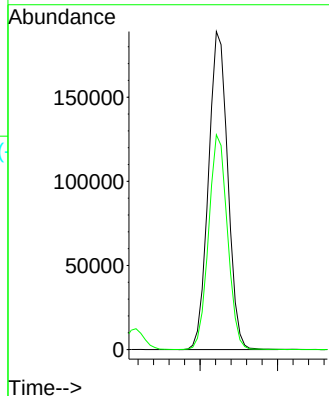
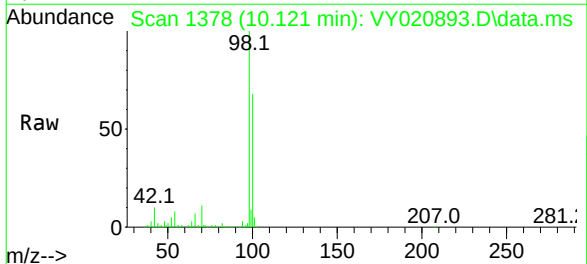
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

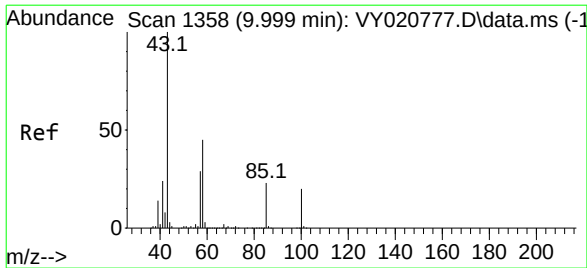
Tgt Ion: 88 Resp: 4048
Ion Ratio Lower Upper
88 100
43 25.7 24.4 36.6
58 74.8 51.0 76.6



#50
Toluene-d8
Concen: 51.513 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 98 Resp: 326951
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

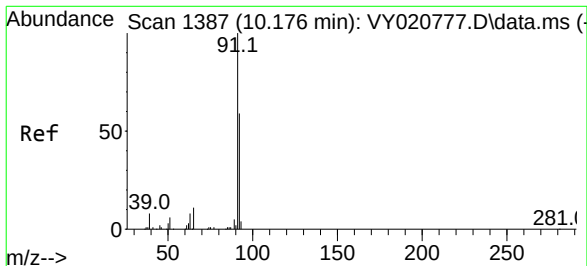
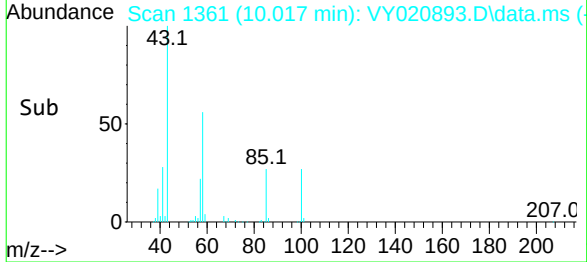
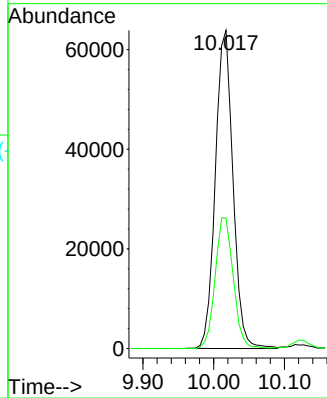
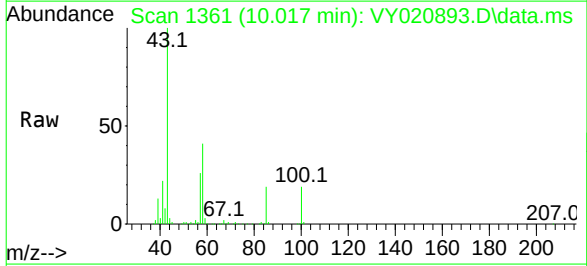




#51
4-Methyl-2-Pentanone
Concen: 117.502 ug/l
RT: 10.017 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

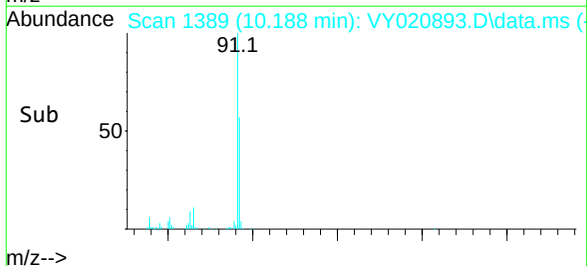
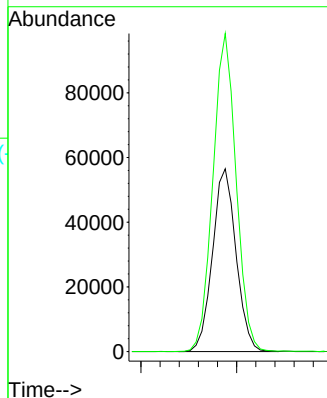
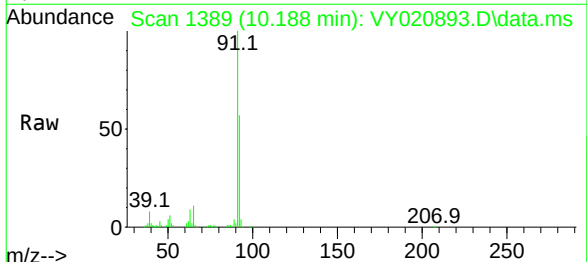
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

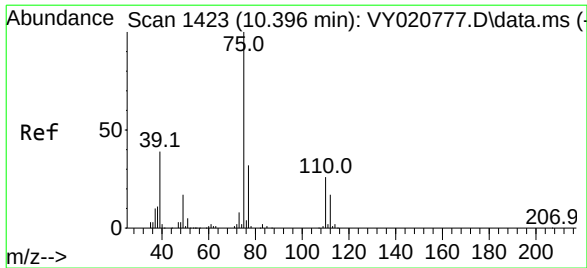
Tgt Ion: 43 Resp: 110342
Ion Ratio Lower Upper
43 100
58 42.3 34.8 52.2



#52
Toluene
Concen: 20.441 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 92 Resp: 96474
Ion Ratio Lower Upper
92 100
91 171.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.195 ug/l

RT: 10.408 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

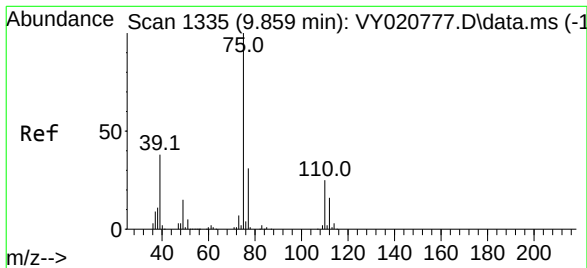
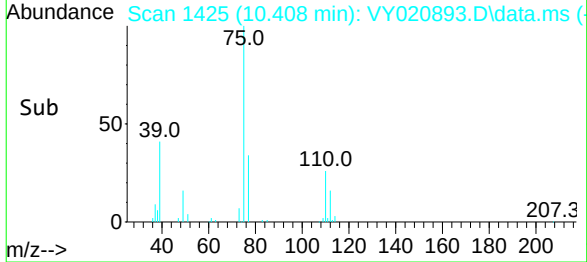
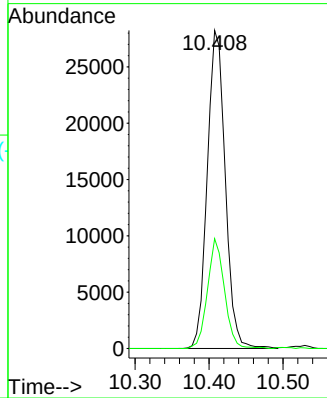
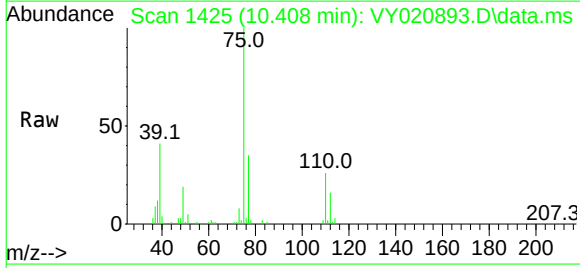
VY0122SBS01

Tgt Ion: 75 Resp: 47729

Ion Ratio Lower Upper

75 100

77 34.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.791 ug/l

RT: 9.871 min Scan# 1337

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

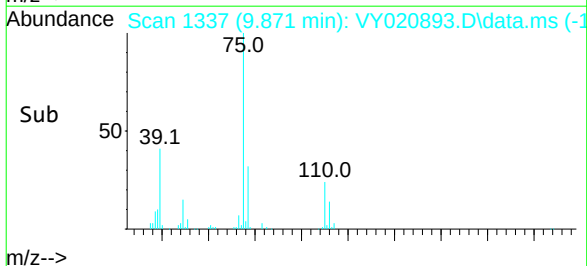
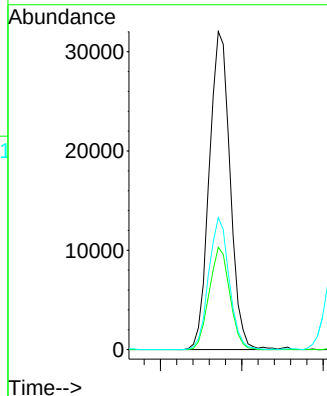
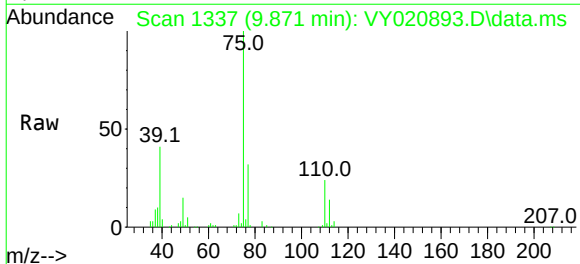
Tgt Ion: 75 Resp: 57066

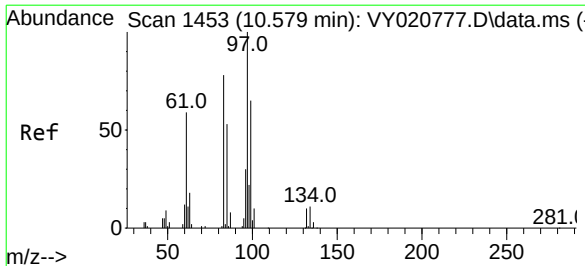
Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7

39 41.5 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 22.121 ug/l

RT: 10.590 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020893.D

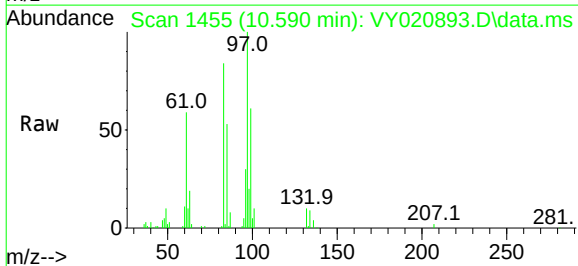
Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01



Tgt Ion: 97 Resp: 29323

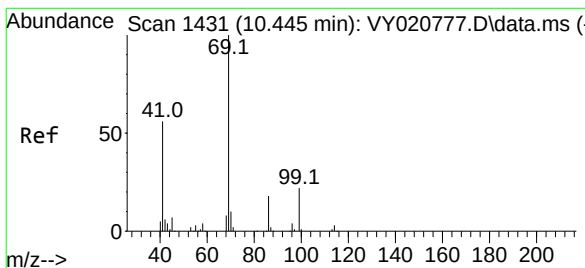
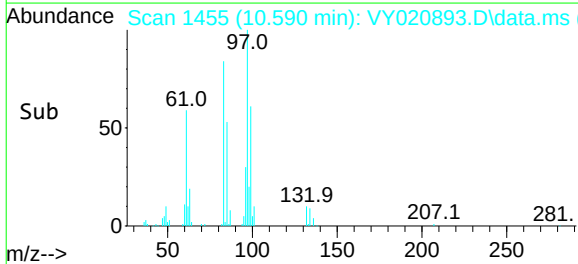
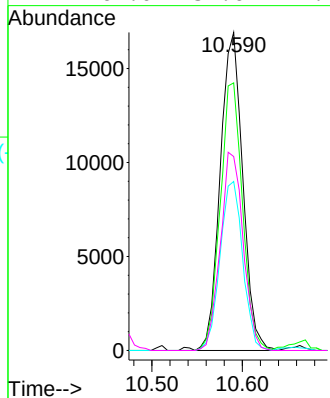
Ion Ratio Lower Upper

97 100

83 84.1 62.8 94.2

85 53.1 42.4 63.6

99 61.0 51.6 77.4



#56

Ethyl methacrylate

Concen: 21.336 ug/l

RT: 10.456 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

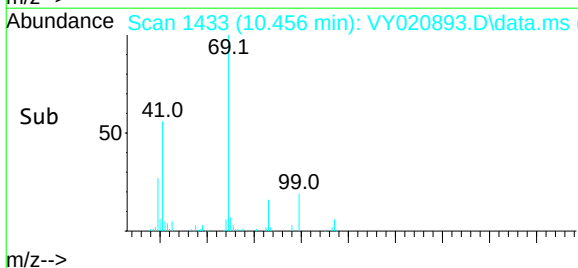
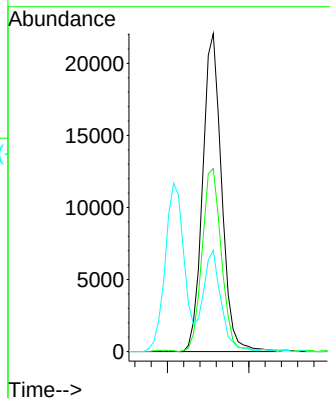
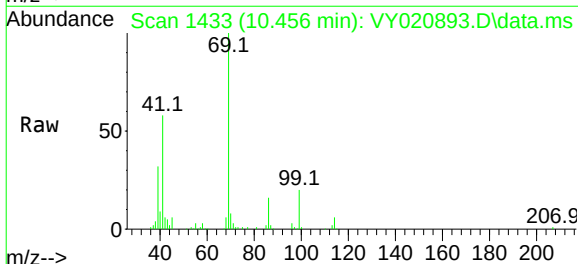
Tgt Ion: 69 Resp: 35718

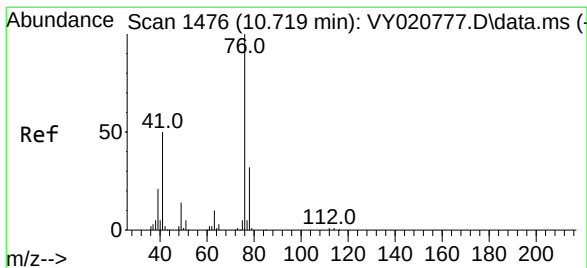
Ion Ratio Lower Upper

69 100

41 58.8 46.6 69.8

39 29.7 25.7 38.5





#57

1,3-Dichloropropane

Concen: 22.004 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

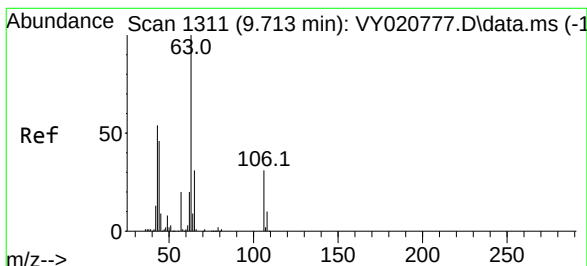
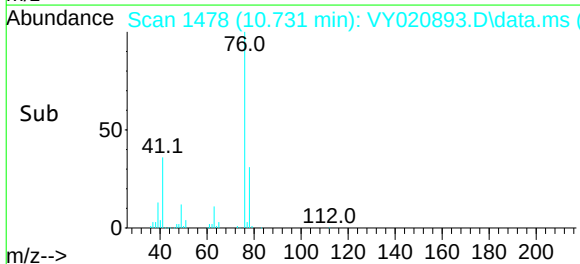
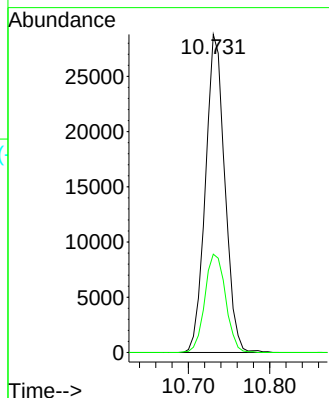
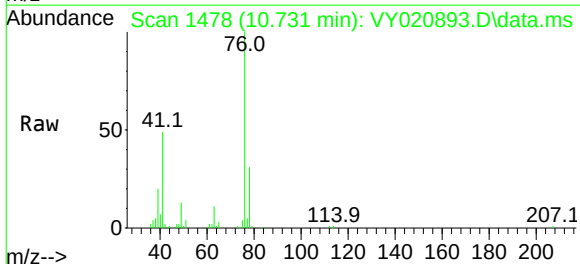
VY0122SBS01

Tgt Ion: 76 Resp: 47544

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.264 ug/l

RT: 9.731 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VY020893.D

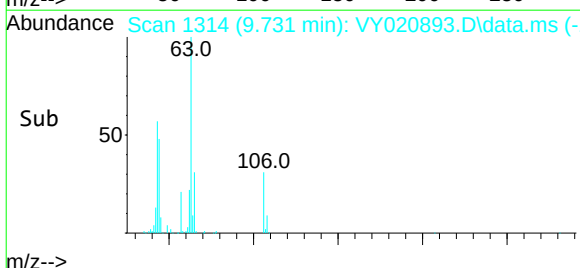
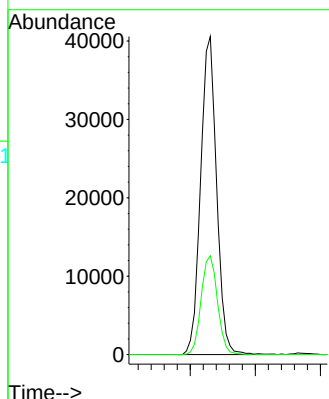
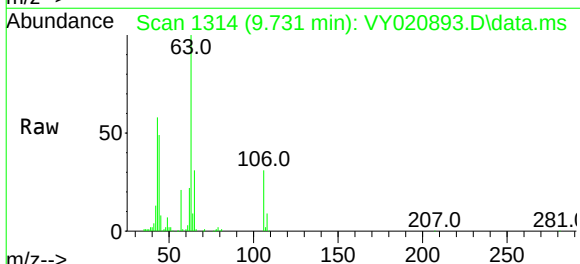
Acq: 22 Jan 2025 10:44

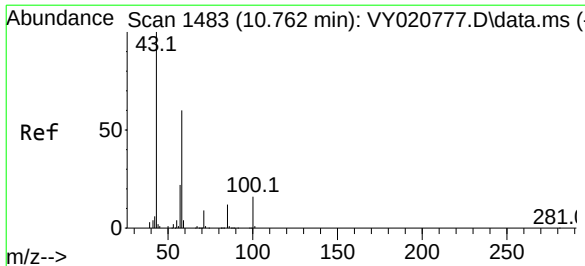
Tgt Ion: 63 Resp: 69243

Ion Ratio Lower Upper

63 100

106 31.6 25.9 38.9





#59

2-Hexanone

Concen: 115.563 ug/l

RT: 10.773 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

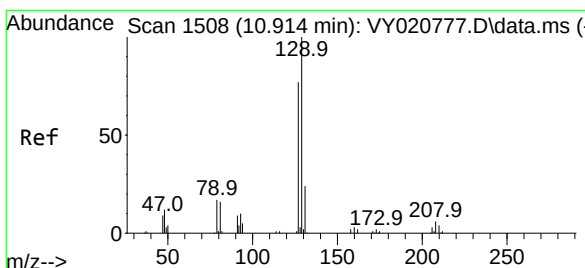
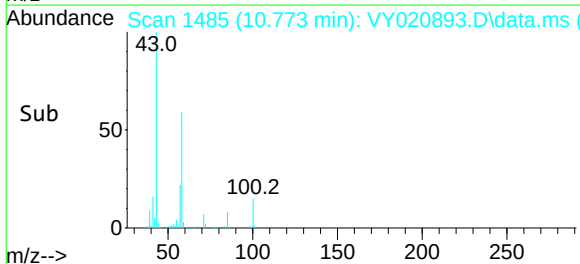
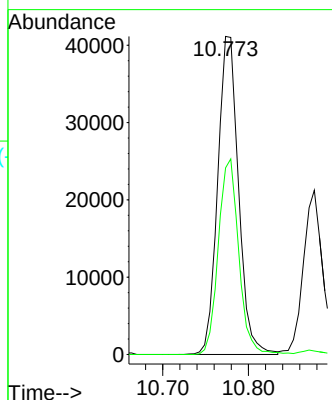
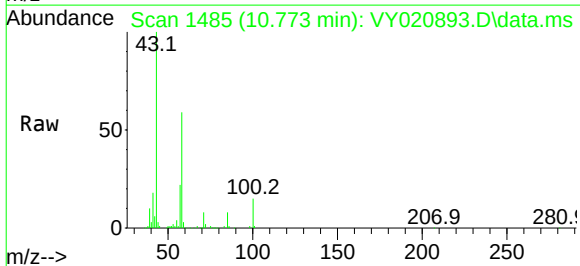
VY0122SBS01

Tgt Ion: 43 Resp: 69621

Ion Ratio Lower Upper

43 100

58 60.2 30.6 92.0



#60

Dibromochloromethane

Concen: 21.400 ug/l

RT: 10.926 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VY020893.D

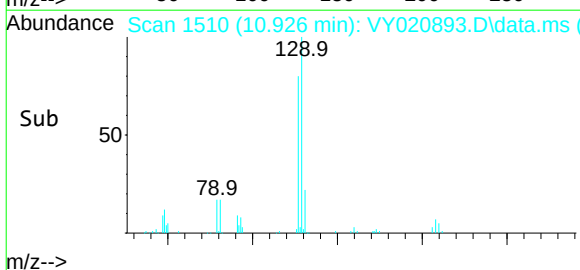
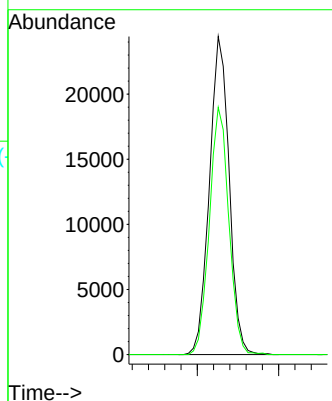
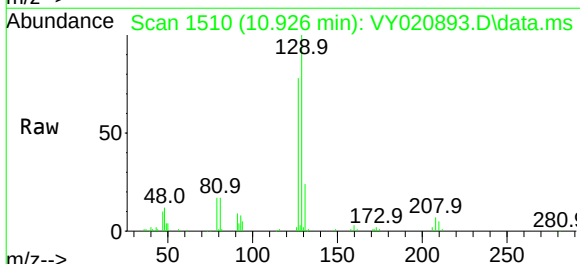
Acq: 22 Jan 2025 10:44

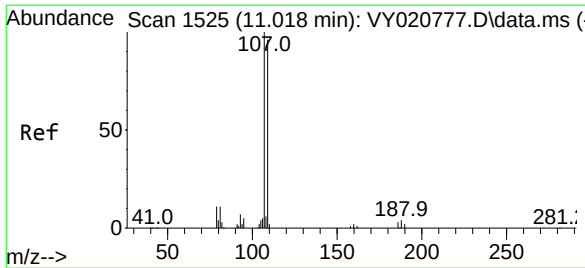
Tgt Ion: 129 Resp: 41141

Ion Ratio Lower Upper

129 100

127 76.5 38.3 114.9

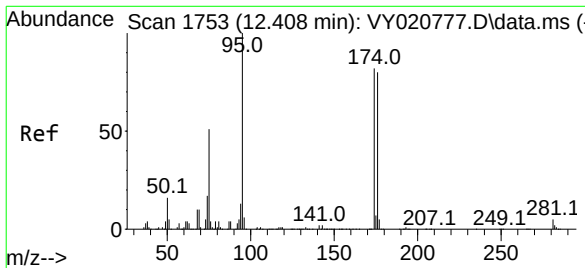
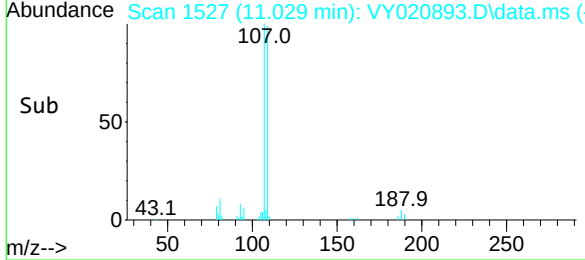
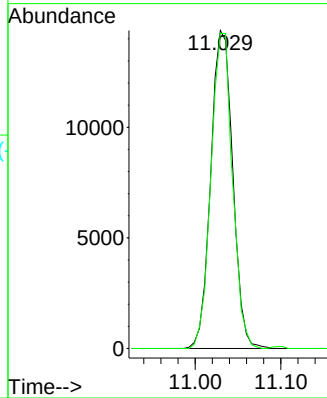
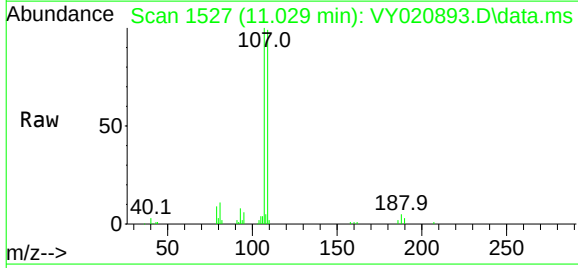




#61
1,2-Dibromoethane
Concen: 21.519 ug/l
RT: 11.029 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

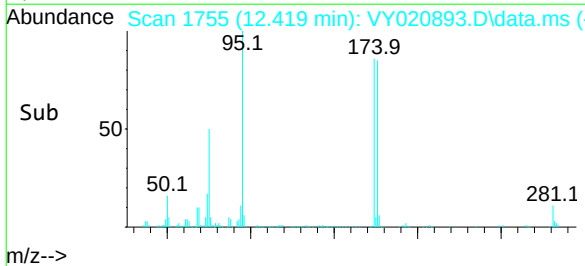
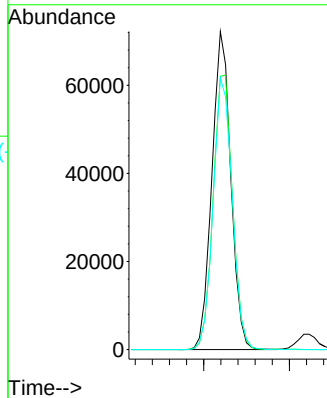
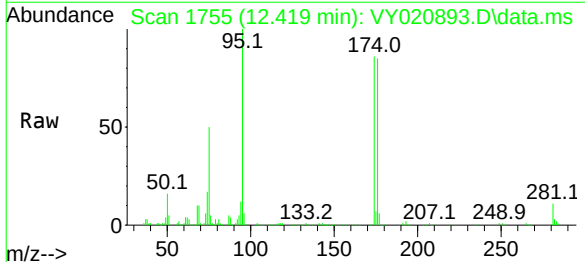
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

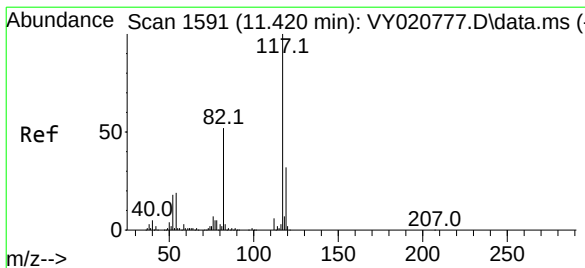
Tgt Ion:107 Resp: 25608
Ion Ratio Lower Upper
107 100
109 96.8 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 95 Resp: 110500
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.0
176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

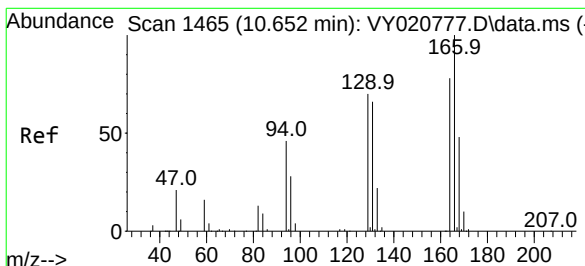
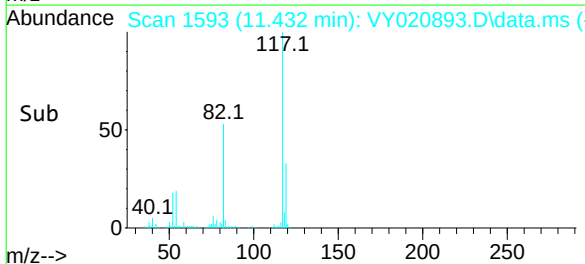
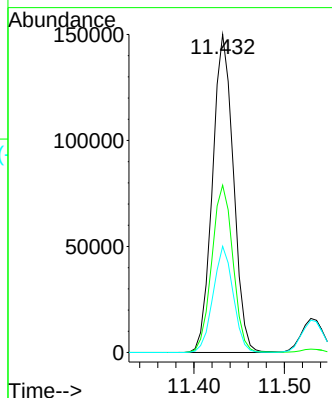
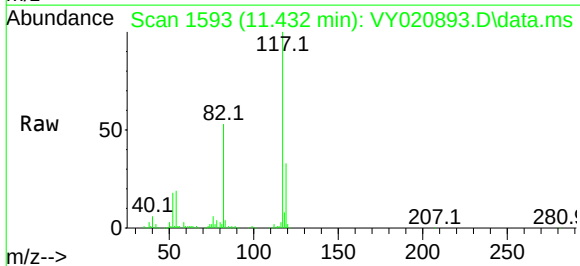
Tgt Ion:117 Resp: 241267

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 33.4 25.8 38.8



#64

Tetrachloroethene

Concen: 19.832 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt Ion:164 Resp: 35179

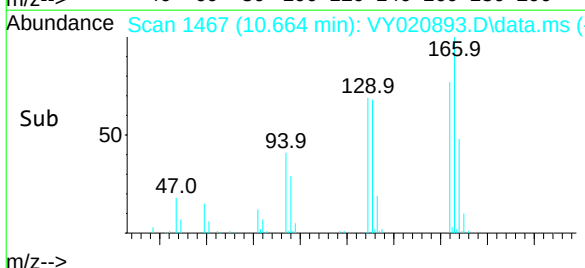
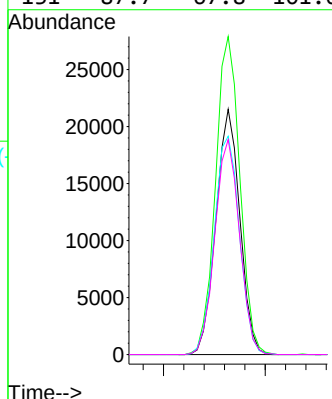
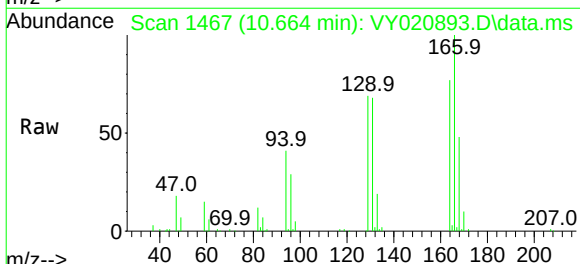
Ion Ratio Lower Upper

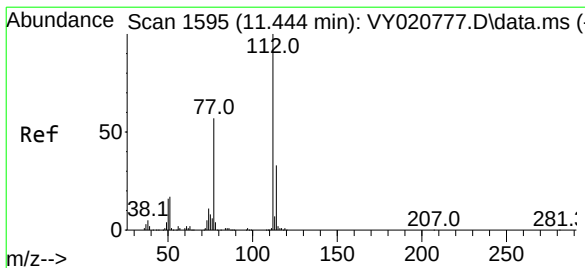
164 100

166 129.7 102.0 153.0

129 89.0 71.4 107.2

131 87.7 67.8 101.6





#65

Chlorobenzene

Concen: 20.480 ug/l

RT: 11.456 min Scan# 1595

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

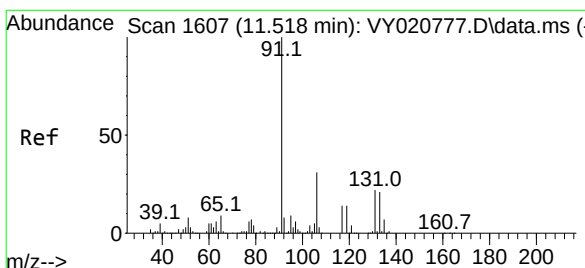
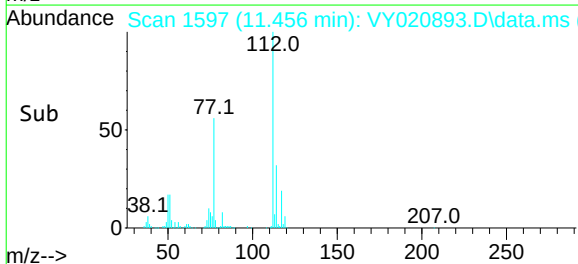
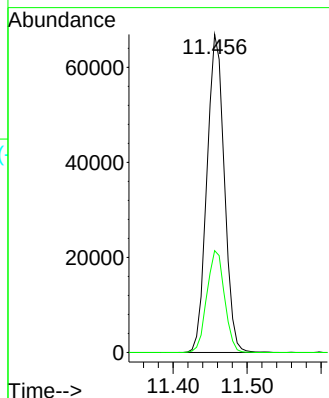
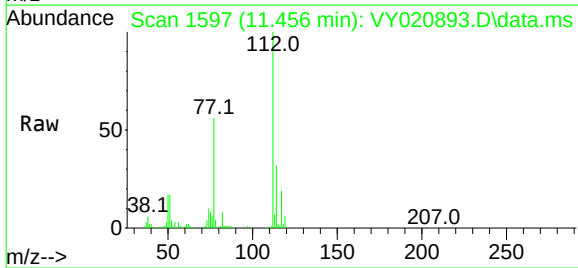
VY0122SBS01

Tgt Ion:112 Resp: 109247

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.461 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

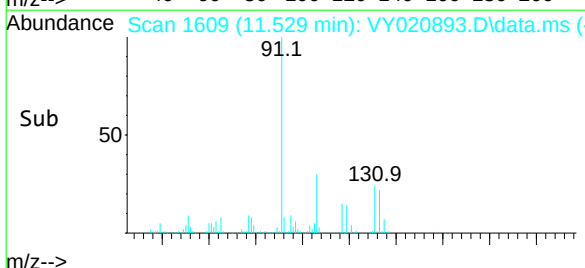
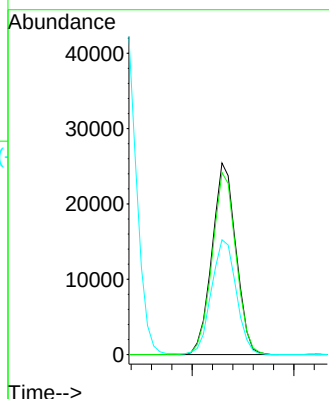
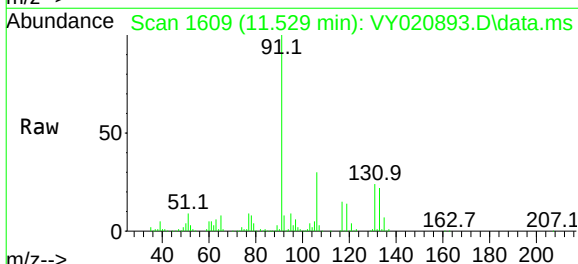
Tgt Ion:131 Resp: 41552

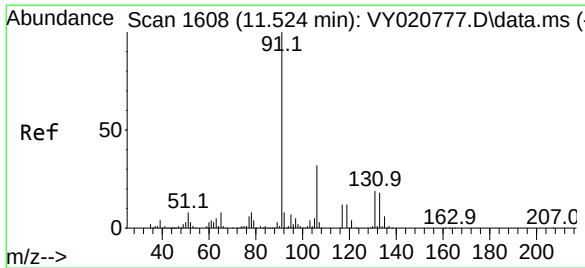
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 62.0 30.2 90.6





#67

Ethyl Benzene

Concen: 20.181 ug/l

RT: 11.535 min Scan# 1610

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

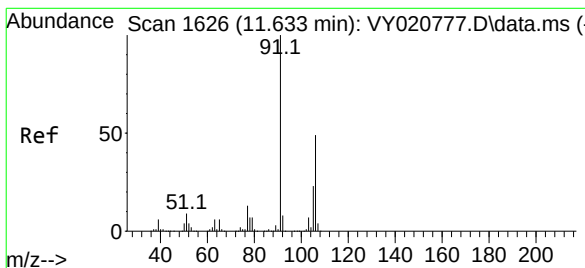
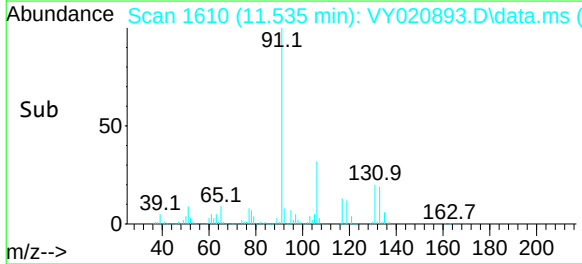
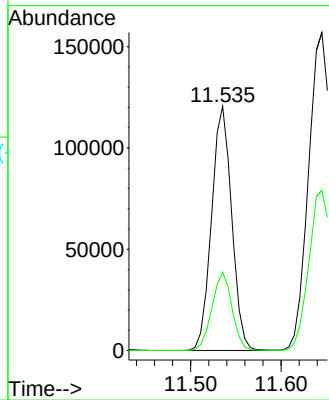
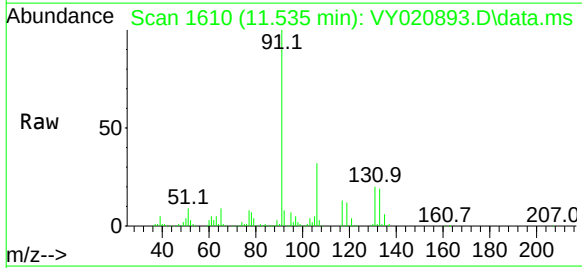
VY0122SBS01

Tgt Ion: 91 Resp: 186383

Ion Ratio Lower Upper

91 100

106 32.1 25.5 38.3



#68

m/p-Xylenes

Concen: 40.355 ug/l

RT: 11.645 min Scan# 1628

Delta R.T. -0.006 min

Lab File: VY020893.D

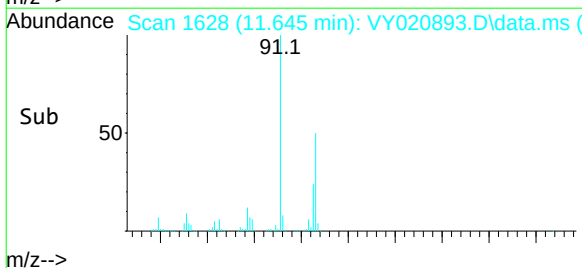
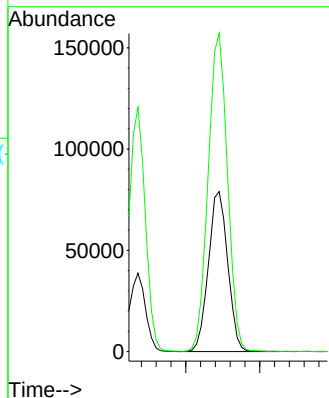
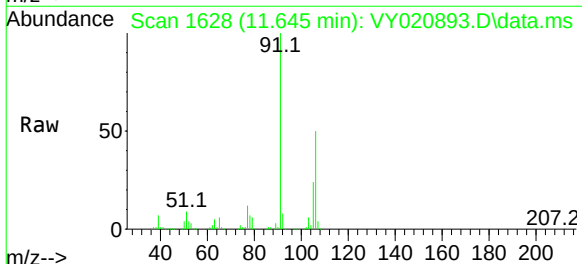
Acq: 22 Jan 2025 10:44

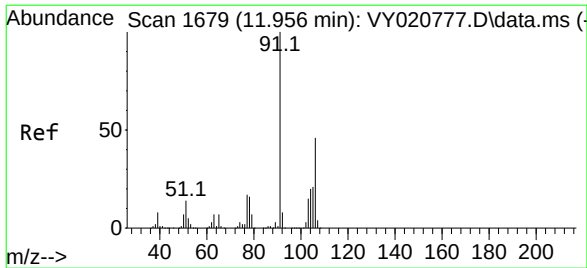
Tgt Ion:106 Resp: 143496

Ion Ratio Lower Upper

106 100

91 198.5 162.6 243.8





#69

o-Xylene

Concen: 19.988 ug/l

RT: 11.968 min Scan# 16

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

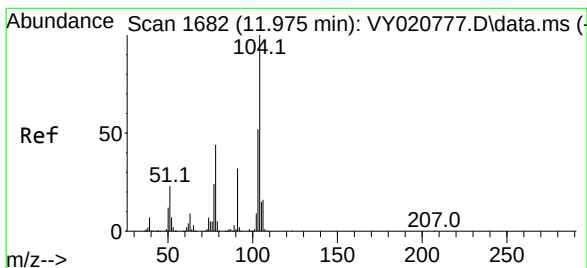
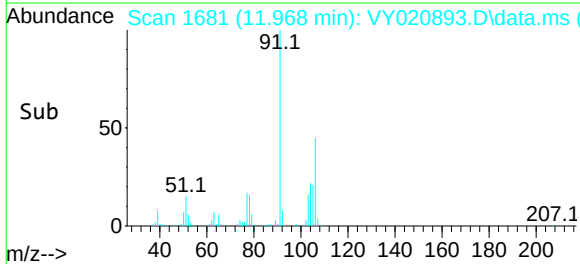
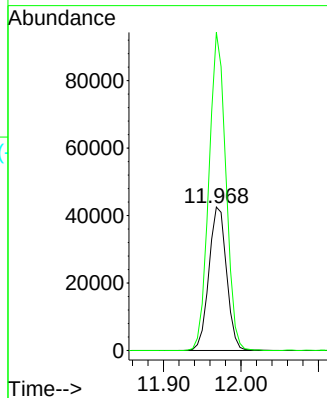
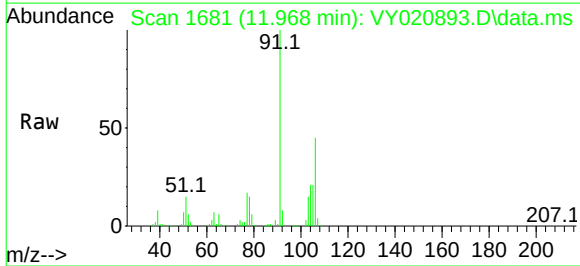
VY0122SBSD01

Tgt Ion:106 Resp: 67390

Ion Ratio Lower Upper

106 100

91 213.0 108.2 324.6



#70

Styrene

Concen: 20.132 ug/l

RT: 11.987 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

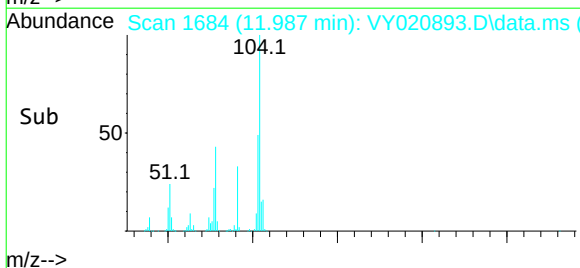
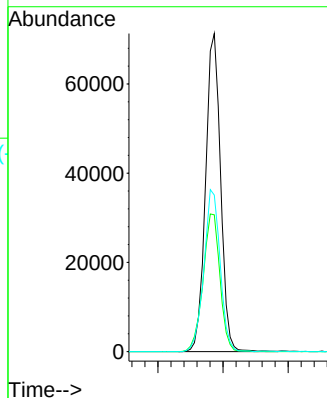
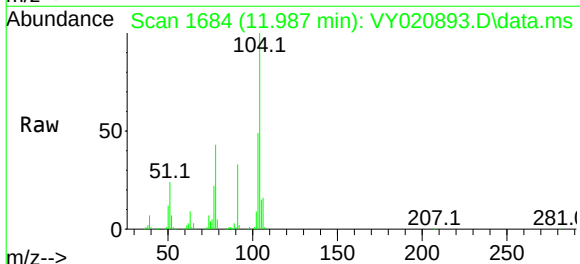
Tgt Ion:104 Resp: 114252

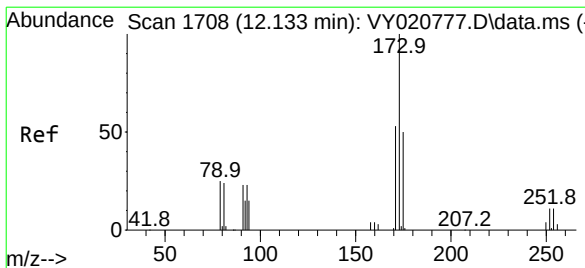
Ion Ratio Lower Upper

104 100

78 48.6 39.4 59.2

103 54.9 44.0 66.0





#71

Bromoform

Concen: 21.110 ug/l

RT: 12.151 min Scan# 17

Delta R.T. -0.000 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

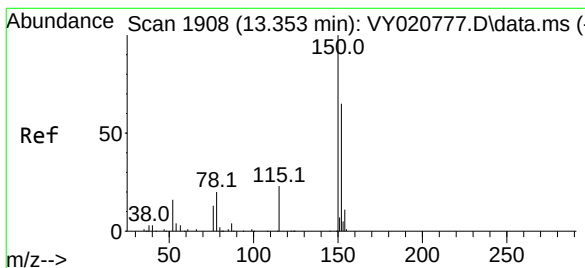
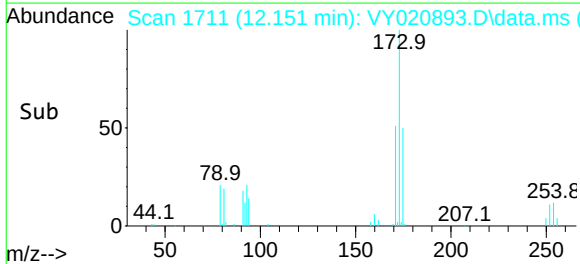
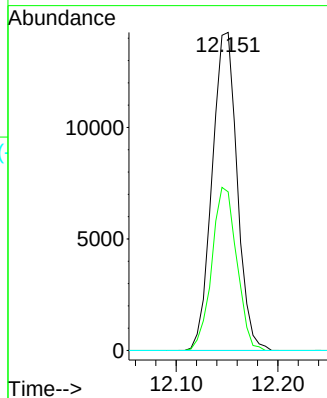
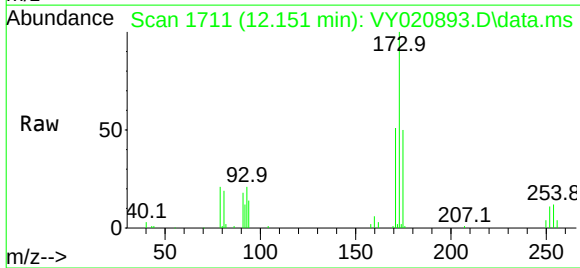
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion:	173	Resp:	24370
Ion Ratio	Lower	Upper	
173	100		
175	51.1	24.2	72.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

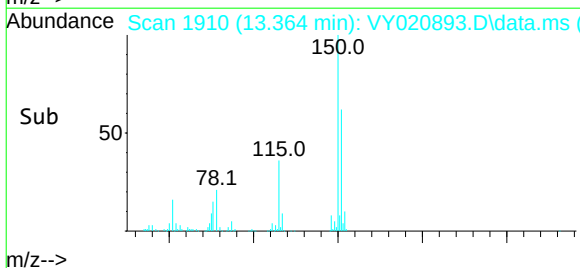
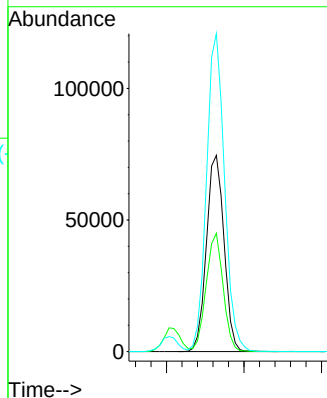
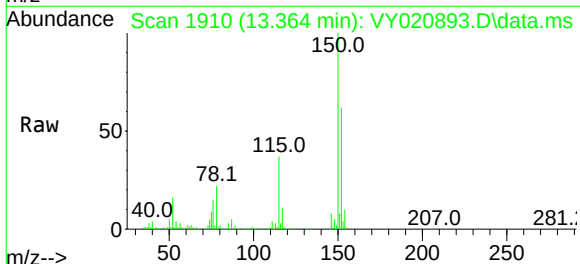
RT: 13.364 min Scan# 1910

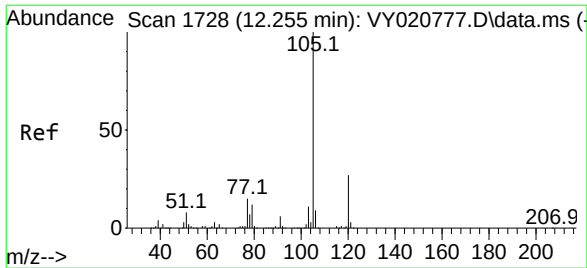
Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt Ion:	152	Resp:	117782
Ion Ratio	Lower	Upper	
152	100		
115	58.0	29.0	87.0
150	165.8	0.0	347.4





#73

Isopropylbenzene

Concen: 20.228 ug/l

RT: 12.267 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

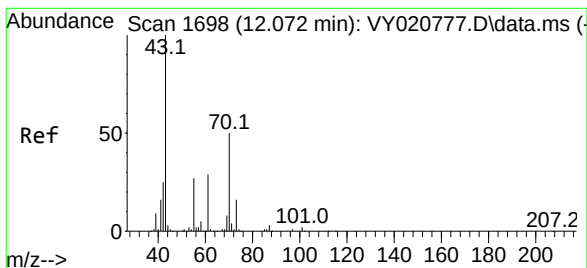
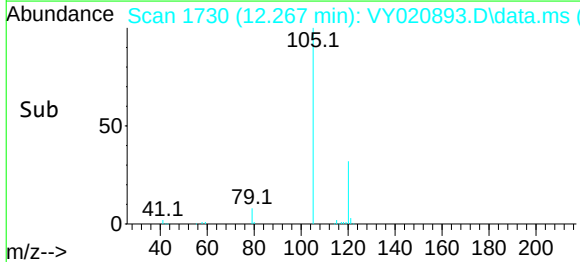
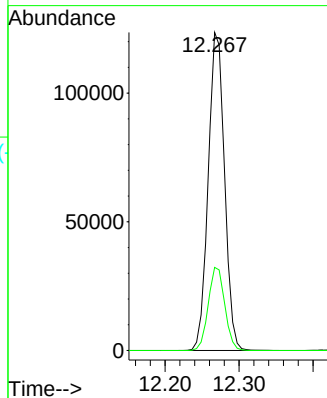
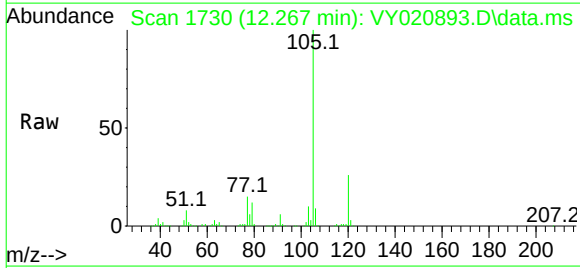
VY0122SBS01

Tgt Ion:105 Resp: 189004

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 21.687 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt Ion: 43 Resp: 33147

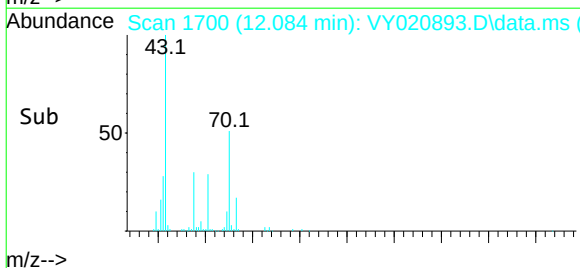
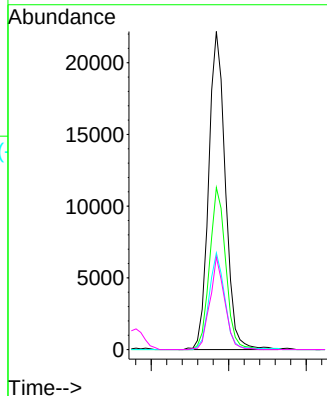
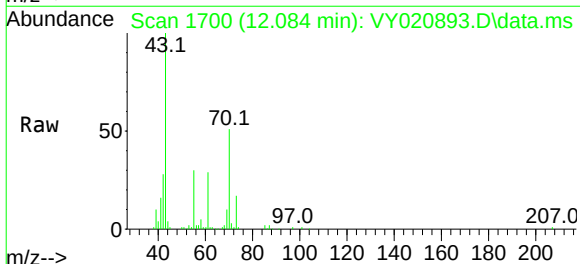
Ion Ratio Lower Upper

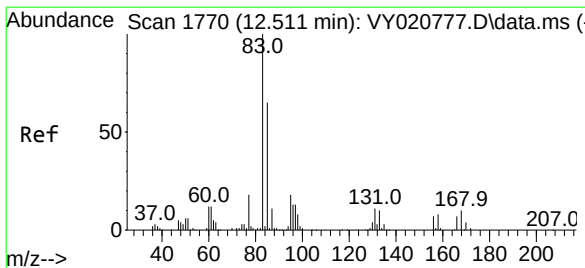
43 100

70 49.1 40.2 60.4

55 29.0 21.2 31.8

61 25.8 22.1 33.1

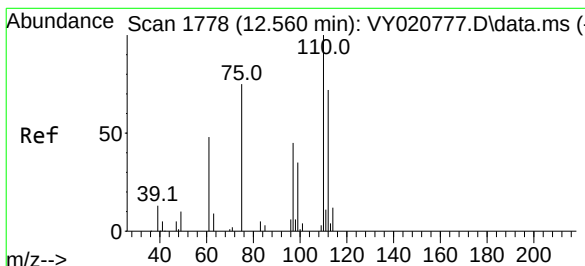
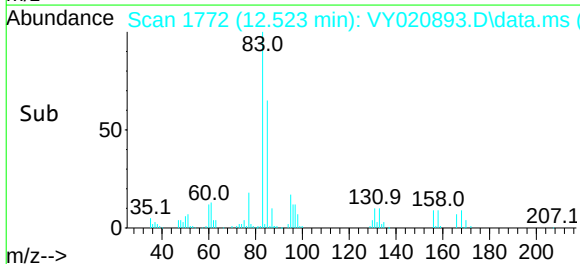
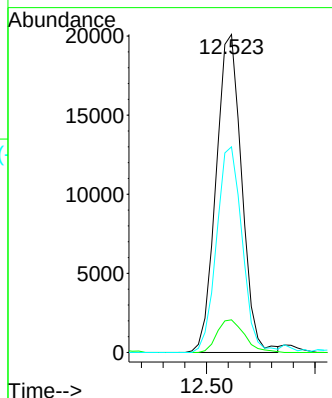
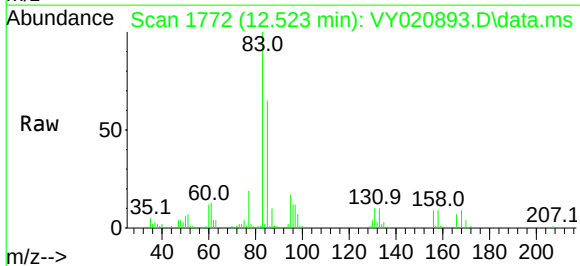




#75
1,1,2,2-Tetrachloroethane
Concen: 23.281 ug/l
RT: 12.523 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

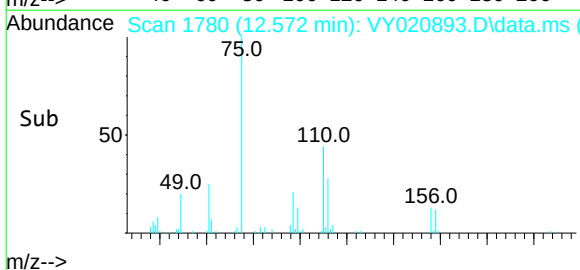
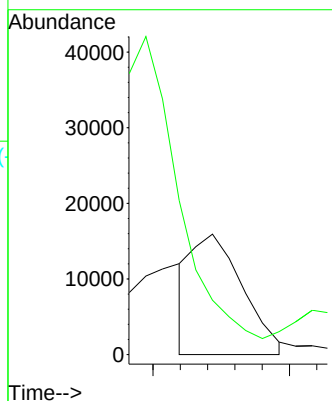
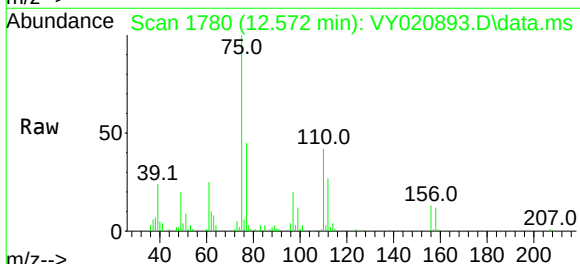
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

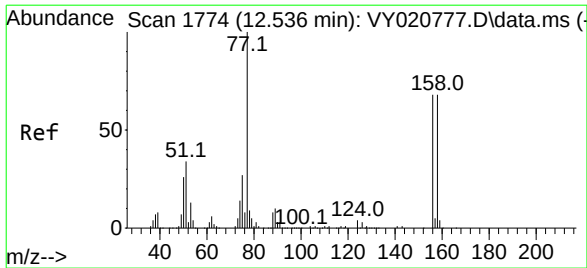
Tgt Ion: 83 Resp: 32970
Ion Ratio Lower Upper
83 100
131 11.0 6.0 18.0
85 64.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 20.185 ug/l m
RT: 12.572 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion: 75 Resp: 20802
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.660 ug/l

RT: 12.547 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBSD01

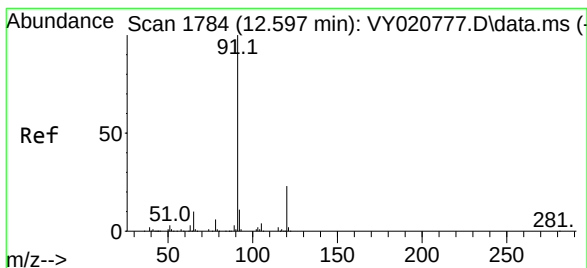
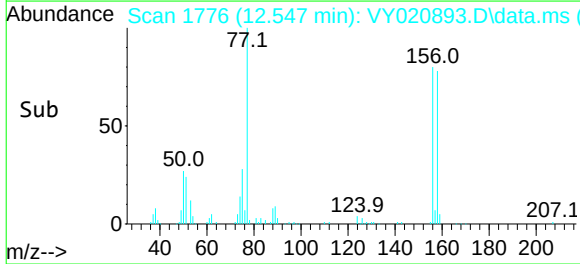
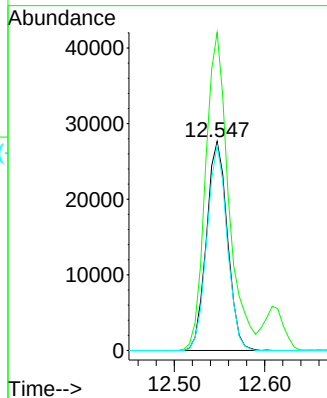
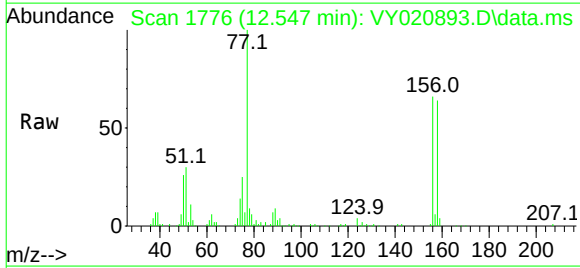
Tgt Ion: 156 Resp: 44507

Ion Ratio Lower Upper

156 100

77 167.7 82.3 247.0

158 94.8 48.0 144.0



#78

n-propylbenzene

Concen: 20.820 ug/l

RT: 12.608 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VY020893.D

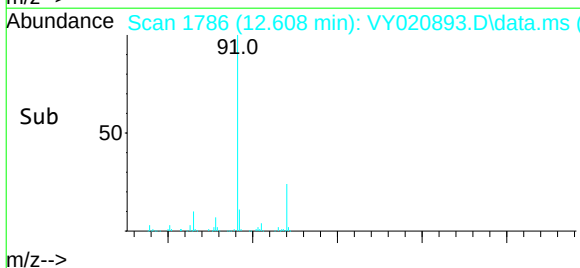
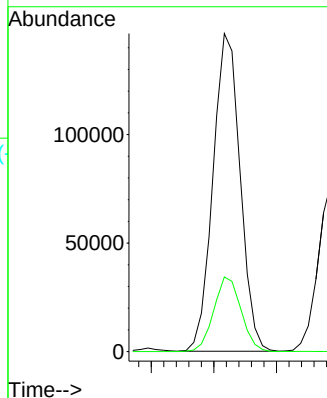
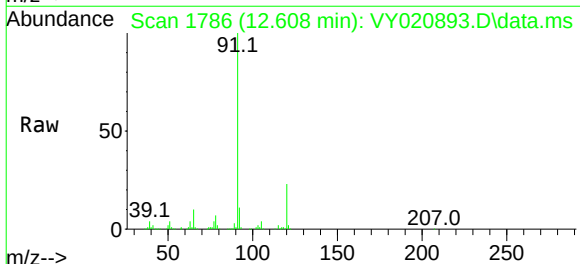
Acq: 22 Jan 2025 10:44

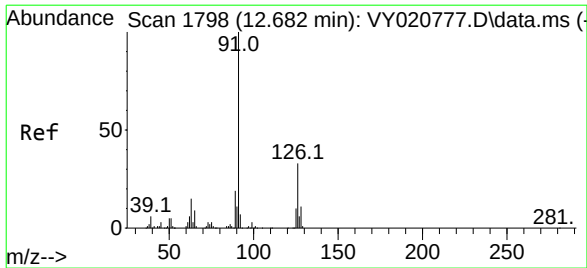
Tgt Ion: 91 Resp: 220814

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 20.716 ug/l

RT: 12.694 min Scan# 1800

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

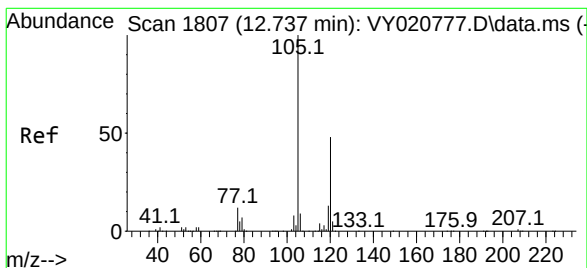
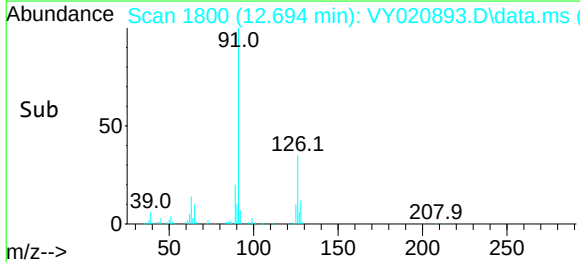
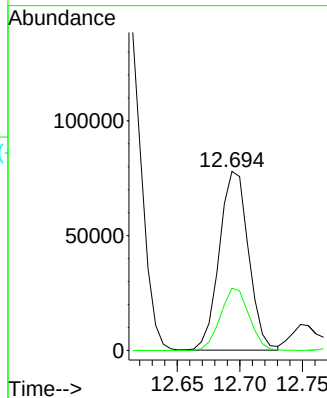
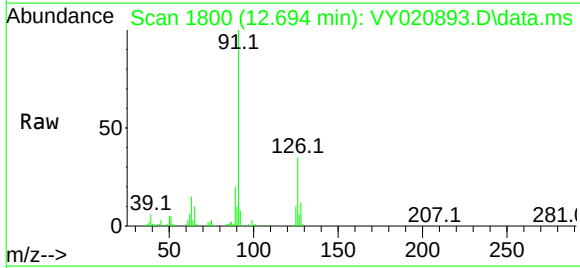
VY0122SBS01

Tgt Ion: 91 Resp: 126525

Ion Ratio Lower Upper

91 100

126 34.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.330 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VY020893.D

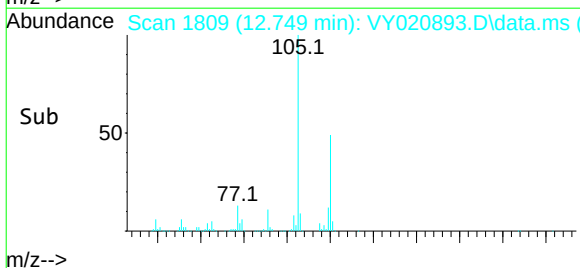
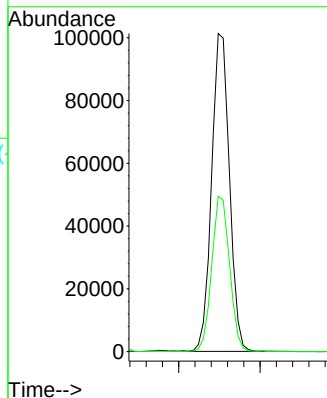
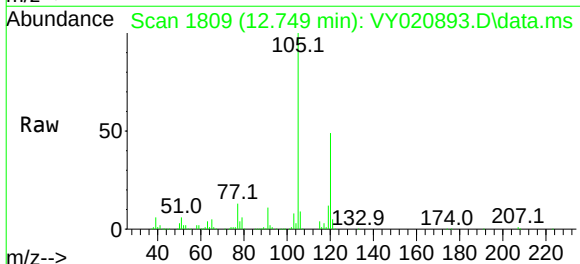
Acq: 22 Jan 2025 10:44

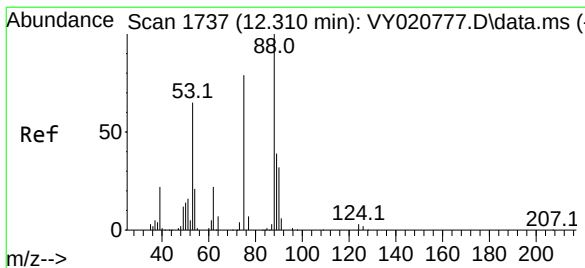
Tgt Ion:105 Resp: 153949

Ion Ratio Lower Upper

105 100

120 49.0 24.5 73.5

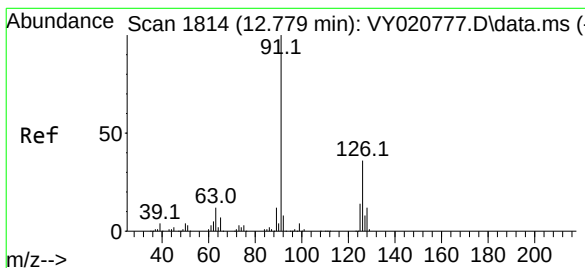
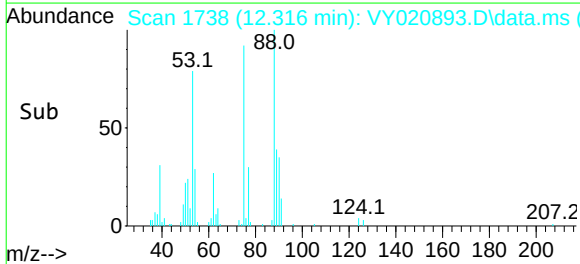
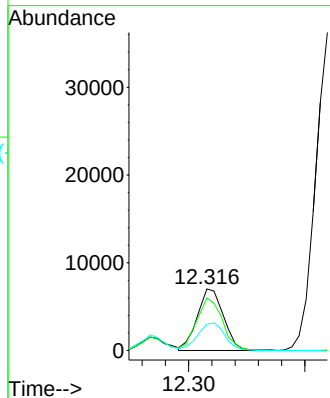
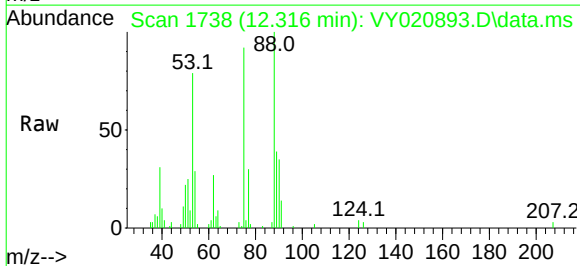




#81
trans-1,4-Dichloro-2-butene
Concen: 22.639 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

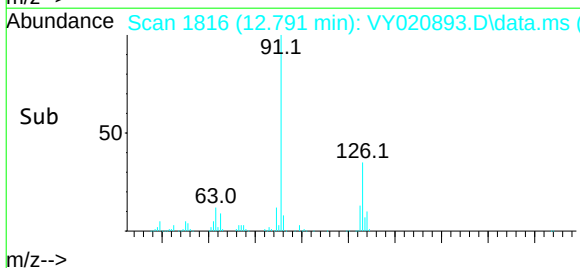
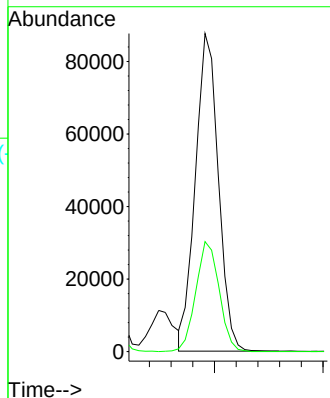
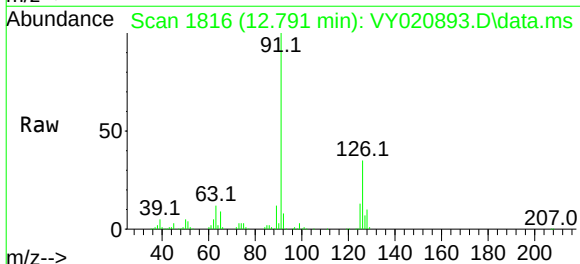
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBSD01

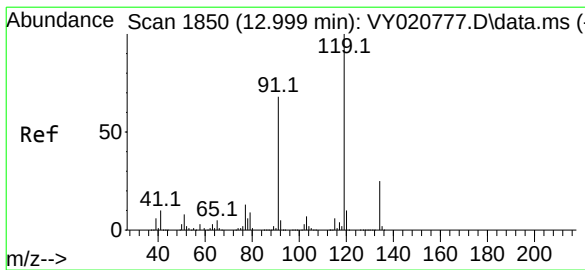
Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.3	69.4	104.0
89	45.8	39.6	59.4



#82
4-Chlorotoluene
Concen: 20.448 ug/l
RT: 12.791 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VY020893.D
Acq: 22 Jan 2025 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	51.7





#83

tert-Butylbenzene

Concen: 20.219 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

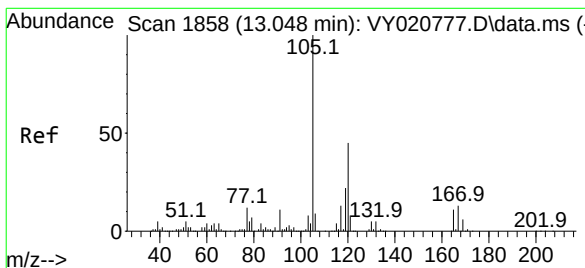
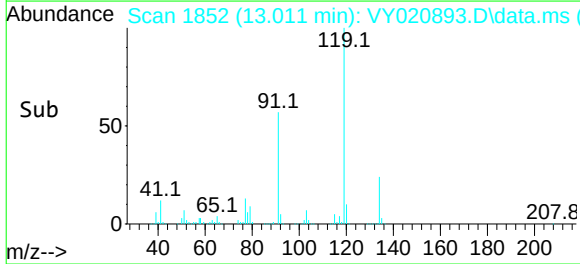
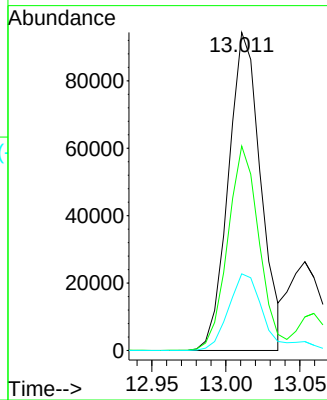
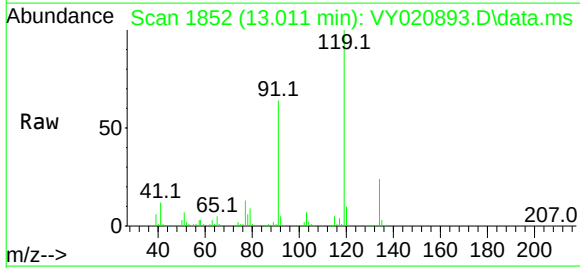
Tgt Ion:119 Resp: 143203

Ion Ratio Lower Upper

119 100

91 62.7 33.0 98.9

134 26.8 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 20.253 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VY020893.D

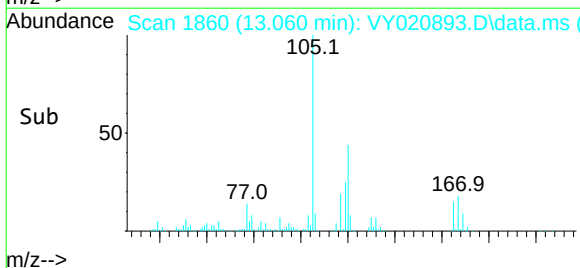
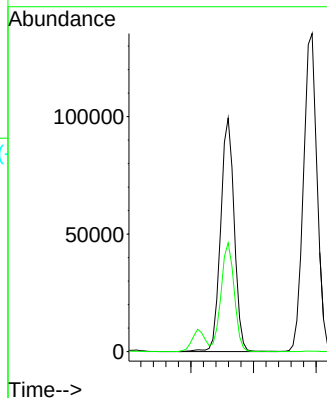
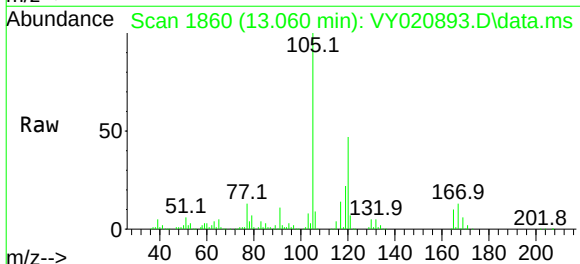
Acq: 22 Jan 2025 10:44

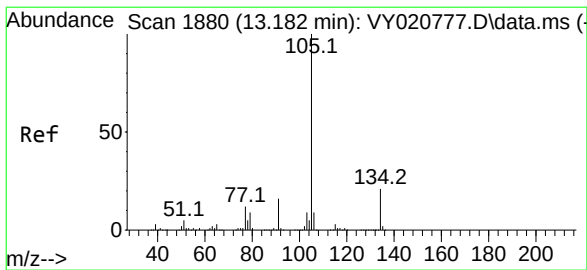
Tgt Ion:105 Resp: 149767

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.689 ug/l

RT: 13.194 min Scan# 18

Delta R.T. -0.000 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

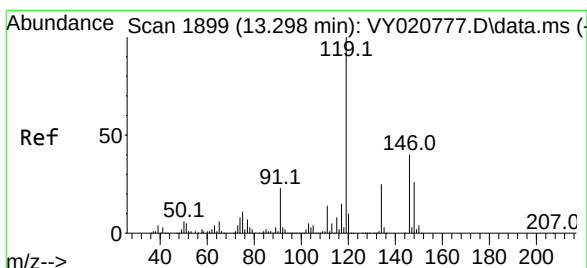
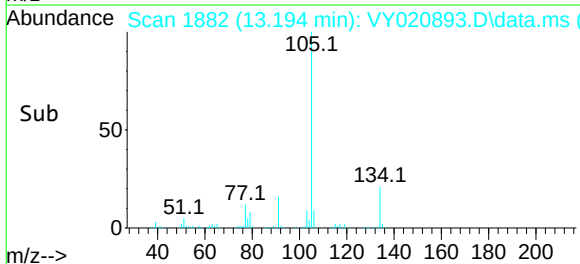
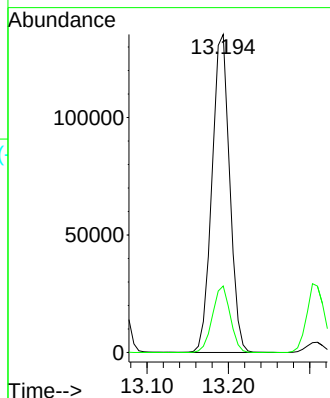
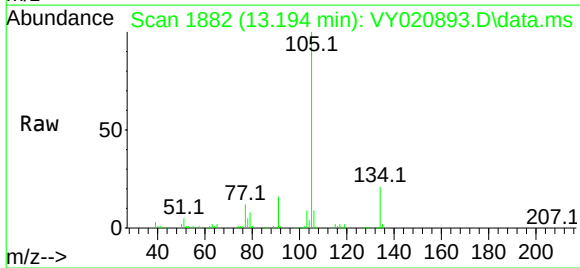
VY0122SBS01

Tgt Ion:105 Resp: 204674

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.358 ug/l

RT: 13.309 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

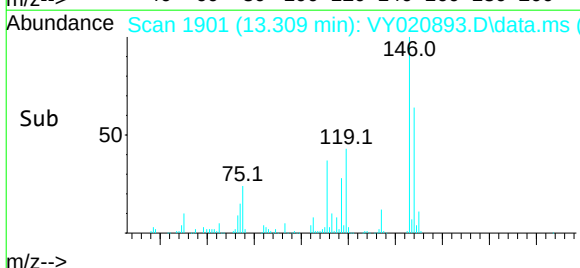
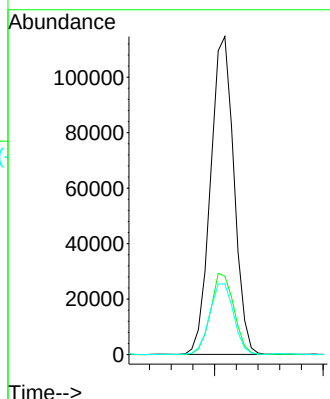
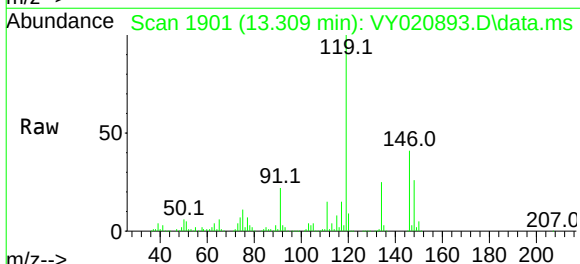
Tgt Ion:119 Resp: 171805

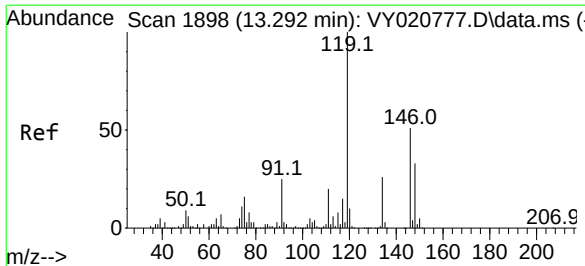
Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.076 ug/l

RT: 13.303 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

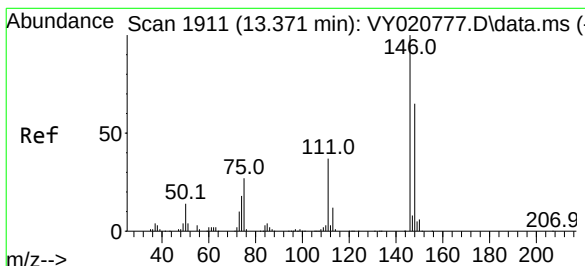
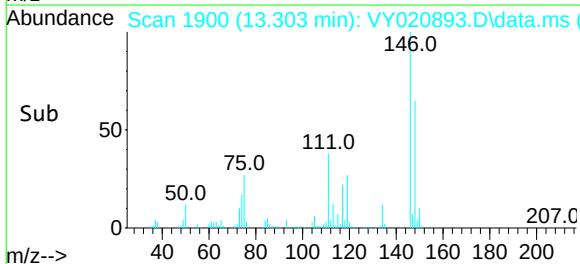
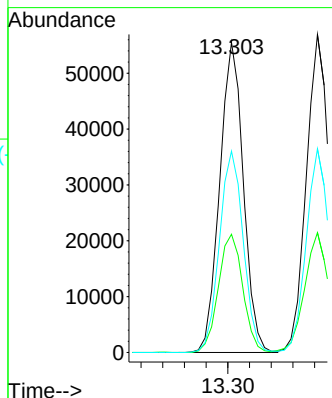
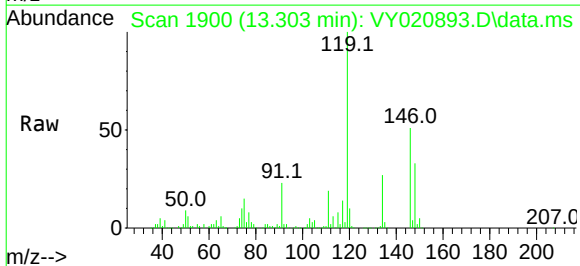
Tgt Ion:146 Resp: 84037

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 65.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.388 ug/l

RT: 13.383 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

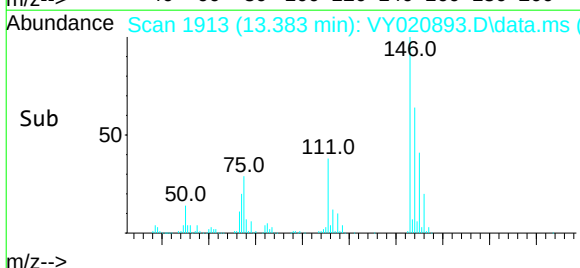
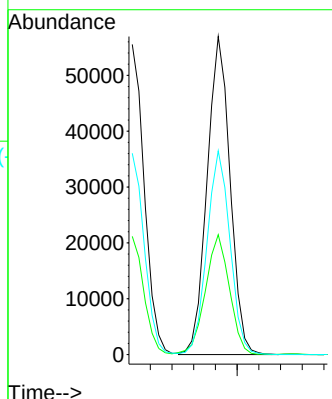
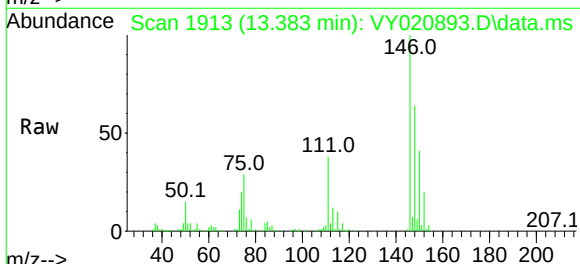
Tgt Ion:146 Resp: 84007

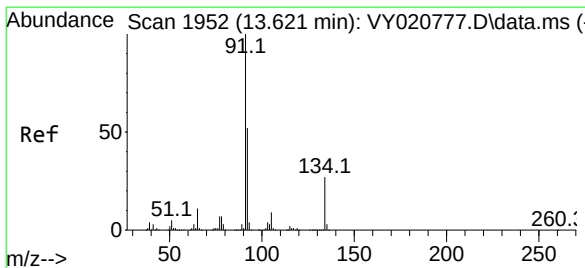
Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.3

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.492 ug/l

RT: 13.633 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

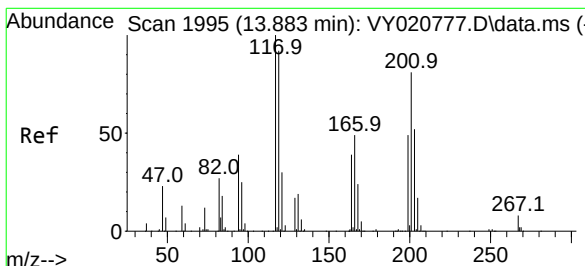
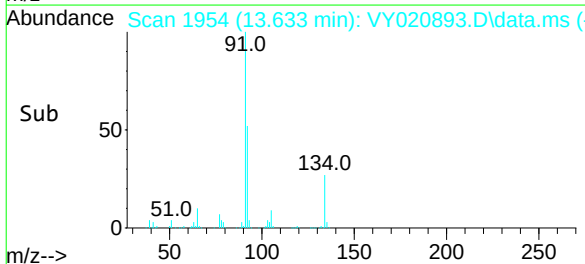
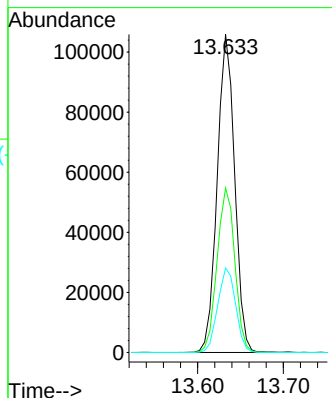
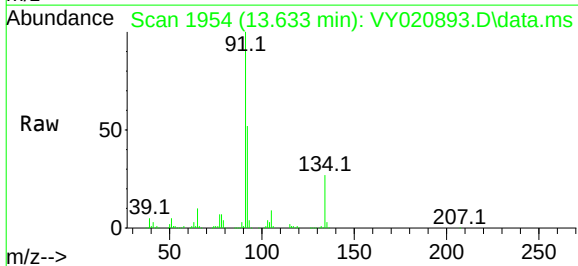
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion:	91	Resp:	150029
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.4
134	27.2	13.8	41.4



#90

Hexachloroethane

Concen: 20.205 ug/l

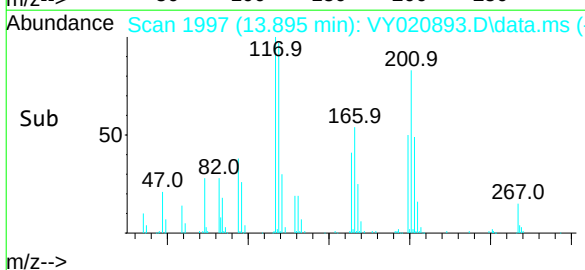
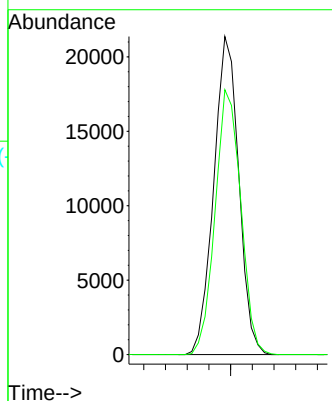
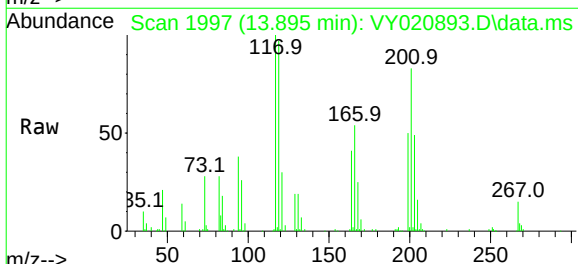
RT: 13.895 min Scan# 1997

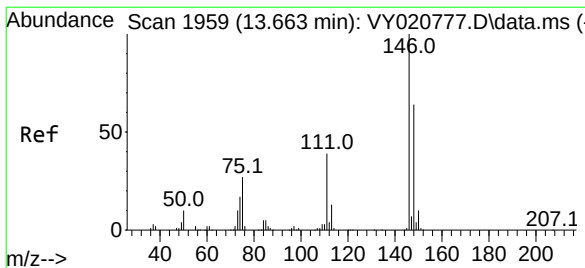
Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt Ion:	117	Resp:	34238
Ion	Ratio	Lower	Upper
117	100		
201	85.3	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 20.281 ug/l

RT: 13.675 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBSD01

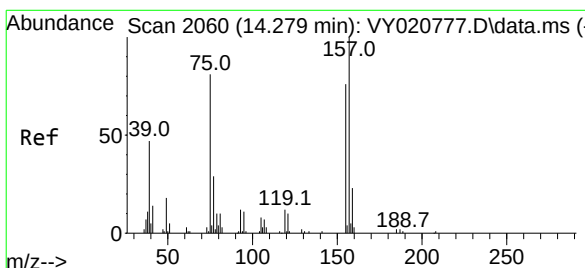
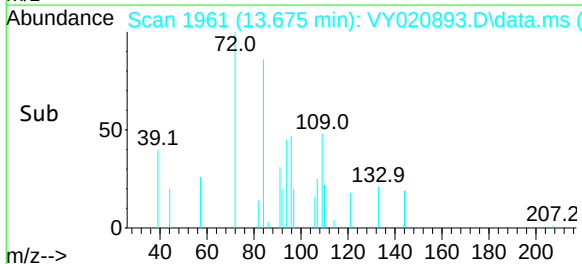
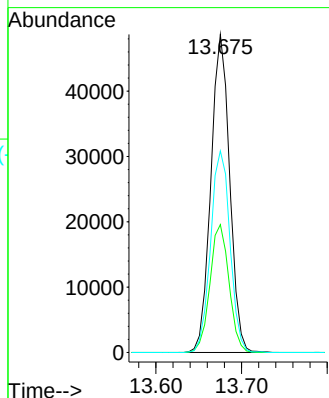
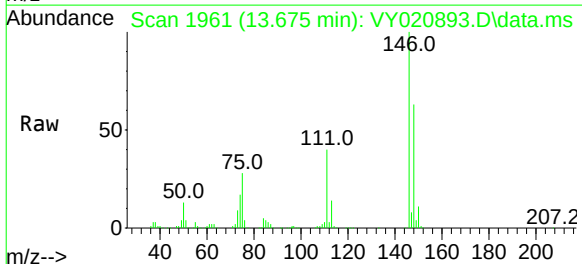
Tgt Ion:146 Resp: 74225

Ion Ratio Lower Upper

146 100

111 40.8 20.0 60.0

148 65.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.294 ug/l

RT: 14.291 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

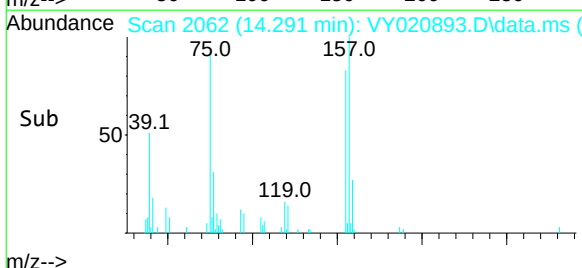
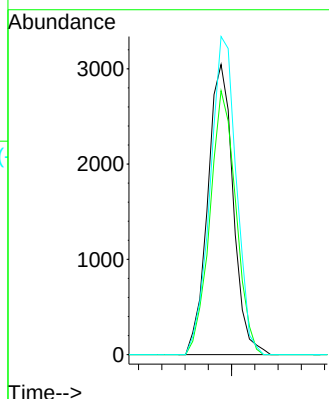
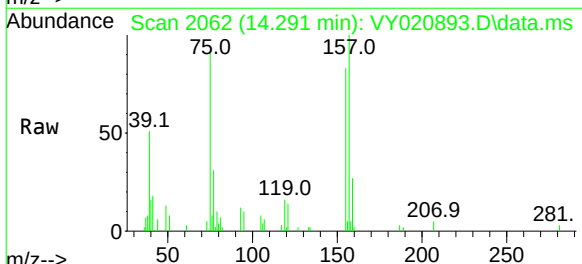
Tgt Ion: 75 Resp: 4647

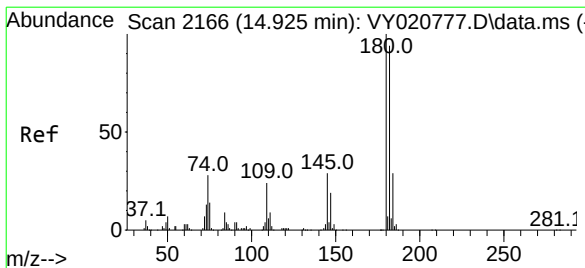
Ion Ratio Lower Upper

75 100

155 92.1 45.5 136.5

157 112.0 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 18.903 ug/l

RT: 14.937 min Scan# 2168

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

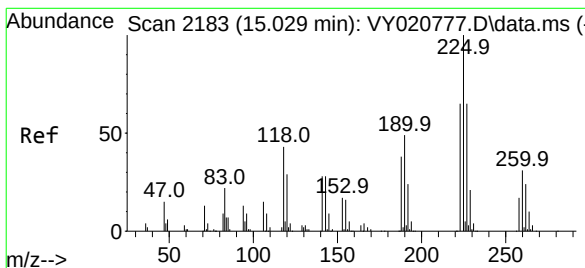
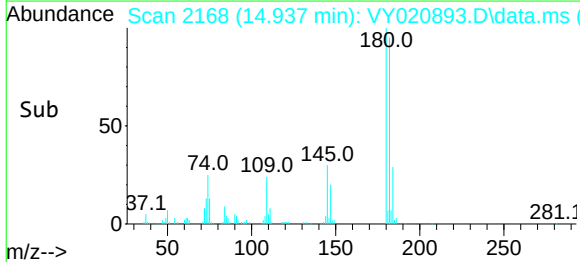
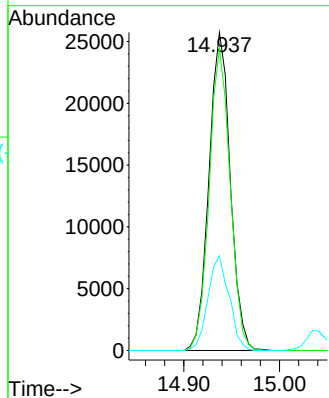
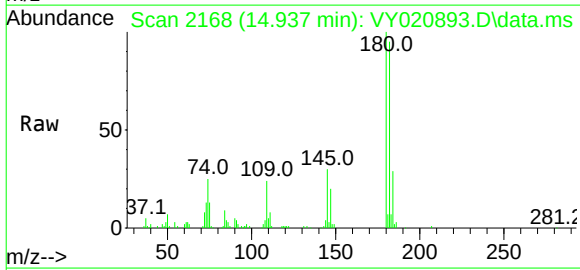
Tgt Ion:180 Resp: 39815

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 29.5 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.936 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

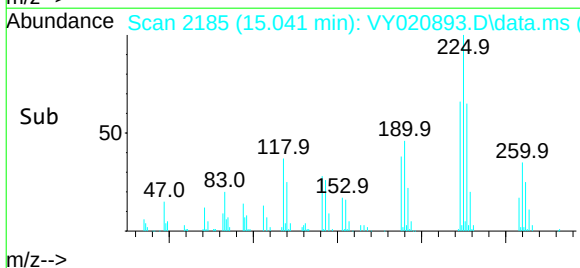
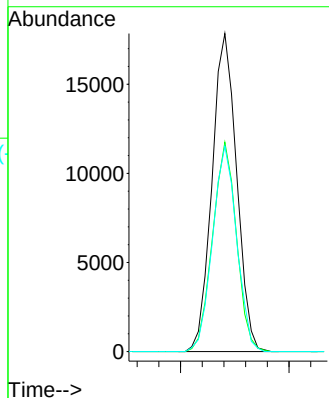
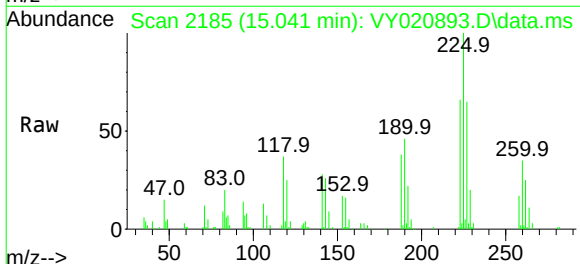
Tgt Ion:225 Resp: 28117

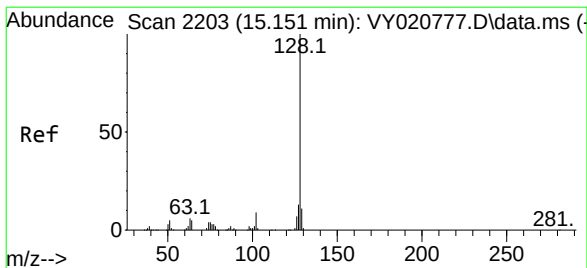
Ion Ratio Lower Upper

225 100

223 63.8 31.6 94.8

227 63.3 32.2 96.6





#95

Naphthalene

Concen: 18.625 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

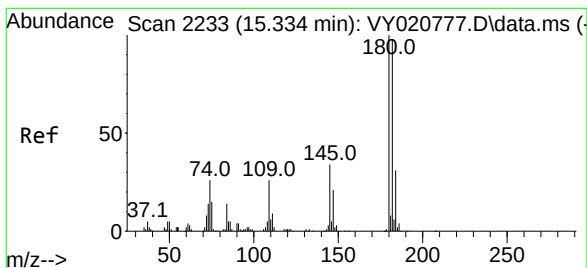
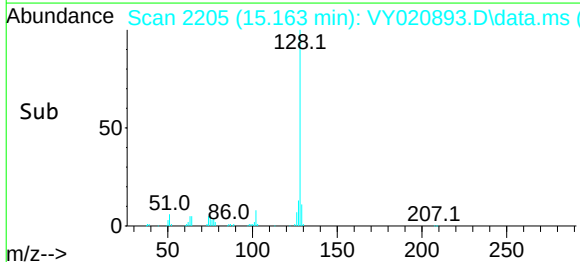
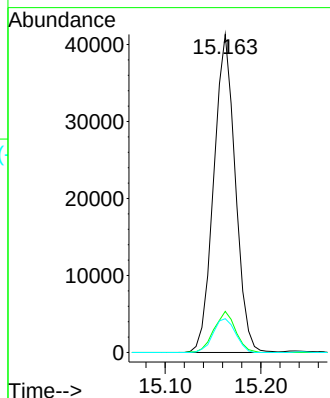
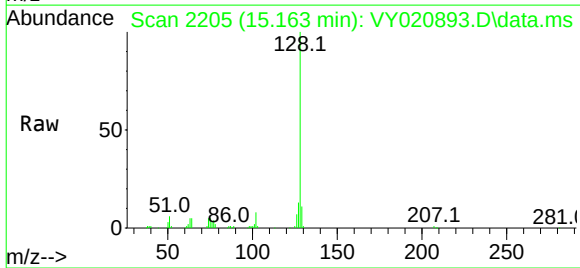
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt	Ion:128	Resp:	64565
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.714 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. -0.006 min

Lab File: VY020893.D

Acq: 22 Jan 2025 10:44

Tgt	Ion:180	Resp:	33023
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	31.4	16.1	48.2

