

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020892.D
 Acq On : 22 Jan 2025 10:21
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Quant Time: Jan 23 00:42:38 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	218027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	318757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	264694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	130028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.091	65	92371	49.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.700%
35) Dibromofluoromethane	7.658	113	102774	51.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.127	98	379416	54.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.426	95	126699	49.284	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	26306	16.440	ug/l	98
3) Chloromethane	2.086	50	17578	20.864	ug/l	98
4) Vinyl Chloride	2.226	62	20507	21.896	ug/l #	87
5) Bromomethane	2.623	94	11939	17.898	ug/l	99
6) Chloroethane	2.757	64	12844	22.237	ug/l	93
7) Trichlorofluoromethane	3.092	101	53585	18.642	ug/l	96
8) Diethyl Ether	3.482	74	15930	17.722	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.848	101	38426	19.795	ug/l	98
10) Methyl Iodide	4.037	142	47034	22.610	ug/l	94
11) Tert butyl alcohol	4.909	59	12947m	92.459	ug/l	
12) 1,1-Dichloroethene	3.824	96	31183	18.340	ug/l	96
13) Acrolein	3.690	56	102993	2619.057	ug/l	97
14) Allyl chloride	4.421	41	46712	19.043	ug/l	94
15) Acrylonitrile	5.104	53	35448	92.787	ug/l	98
16) Acetone	3.909	43	23432	88.918	ug/l	99
17) Carbon Disulfide	4.147	76	59621	16.164	ug/l	99
18) Methyl Acetate	4.421	43	16895	18.988	ug/l	93
19) Methyl tert-butyl Ether	5.153	73	83290	17.358	ug/l	97
20) Methylene Chloride	4.653	84	33952	18.656	ug/l	96
21) trans-1,2-Dichloroethene	5.153	96	33384	17.830	ug/l	96
22) Diisopropyl ether	6.055	45	107731	20.617	ug/l	97
23) Vinyl Acetate	5.994	43	275920	95.770	ug/l	96
24) 1,1-Dichloroethane	5.951	63	66356	19.248	ug/l	98
25) 2-Butanone	6.927	43	39567	91.404	ug/l	98
26) 2,2-Dichloropropane	6.921	77	65997	18.438	ug/l	98
27) cis-1,2-Dichloroethene	6.927	96	43497	18.413	ug/l	97
28) Bromochloromethane	7.280	49	15150	16.286	ug/l	95
29) Tetrahydrofuran	7.299	42	26305	95.127	ug/l	93
30) Chloroform	7.451	83	73237	18.628	ug/l	99
31) Cyclohexane	7.731	56	51684	19.167	ug/l	97
32) 1,1,1-Trichloroethane	7.646	97	69898	18.227	ug/l	99
36) 1,1-Dichloropropene	7.866	75	47593	18.685	ug/l	99
37) Ethyl Acetate	7.012	43	19474	19.212	ug/l	97
38) Carbon Tetrachloride	7.847	117	65596	18.500	ug/l	99
39) Methylcyclohexane	9.134	83	57584	18.423	ug/l	99
40) Benzene	8.109	78	150777	19.287	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	12527	21.580	ug/l	93
42) 1,2-Dichloroethane	8.183	62	39260	18.390	ug/l	100
43) Isopropyl Acetate	8.219	43	38528	18.687	ug/l	98
44) Trichloroethene	8.890	130	41127	18.872	ug/l	92
45) 1,2-Dichloropropane	9.164	63	35611	20.094	ug/l	96
46) Dibromomethane	9.256	93	19385	19.048	ug/l	99
47) Bromodichloromethane	9.445	83	55237	18.952	ug/l	99
48) Methyl methacrylate	9.243	41	16637	18.000	ug/l	98
49) 1,4-Dioxane	9.268	88	3489	322.900	ug/l #	73
51) 4-Methyl-2-Pentanone	10.018	43	97400	94.563	ug/l	98
52) Toluene	10.188	92	99044	19.132	ug/l	100
53) t-1,3-Dichloropropene	10.414	75	47346	18.264	ug/l	99
54) cis-1,3-Dichloropropene	9.877	75	56091	18.631	ug/l	97
55) 1,1,2-Trichloroethane	10.591	97	28281	19.452	ug/l	93
56) Ethyl methacrylate	10.457	69	33104	18.029	ug/l	98
57) 1,3-Dichloropropane	10.737	76	45785	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.731	63	58665	80.537	ug/l	98
59) 2-Hexanone	10.780	43	59979	90.768	ug/l	96
60) Dibromochloromethane	10.932	129	39891	18.918	ug/l	100
61) 1,2-Dibromoethane	11.036	107	24468	18.746	ug/l	98
64) Tetrachloroethene	10.670	164	36522	18.767	ug/l	98
65) Chlorobenzene	11.463	112	110175	18.826	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.536	131	41942	18.826	ug/l	98
67) Ethyl Benzene	11.536	91	188645	18.618	ug/l	99
68) m/p-Xylenes	11.652	106	144619	37.071	ug/l	100
69) o-Xylene	11.975	106	68470	18.511	ug/l	97
70) Styrene	11.987	104	115385	18.532	ug/l	99
71) Bromoform	12.151	173	22775	17.982	ug/l #	96
73) Isopropylbenzene	12.273	105	189963	18.415	ug/l	100
74) N-amyl acetate	12.090	43	29697	17.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.523	83	30656	19.608	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	22088m	19.414	ug/l	
77) Bromobenzene	12.554	156	43282	18.199	ug/l	96
78) n-propylbenzene	12.615	91	224498	19.174	ug/l	99
79) 2-Chlorotoluene	12.700	91	127046	18.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.755	105	156687	18.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.322	75	9693	17.964	ug/l	98
82) 4-Chlorotoluene	12.798	91	130103	18.698	ug/l	99
83) tert-Butylbenzene	13.017	119	145596	18.621	ug/l	95
84) 1,2,4-Trimethylbenzene	13.060	105	150180	18.396	ug/l	98
85) sec-Butylbenzene	13.194	105	208524	19.093	ug/l	99
86) p-Isopropyltoluene	13.310	119	173499	18.623	ug/l	99
87) 1,3-Dichlorobenzene	13.310	146	86002	18.611	ug/l	99
88) 1,4-Dichlorobenzene	13.389	146	83415	18.338	ug/l	100
89) n-Butylbenzene	13.639	91	152669	18.889	ug/l	99
90) Hexachloroethane	13.901	117	34946	18.680	ug/l	96
91) 1,2-Dichlorobenzene	13.682	146	73274	18.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.297	75	3853	15.242	ug/l	92
93) 1,2,4-Trichlorobenzene	14.944	180	36597	15.739	ug/l	98
94) Hexachlorobutadiene	15.041	225	28169	17.184	ug/l	100
95) Naphthalene	15.163	128	56765	14.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.352	180	30666	15.741	ug/l	98

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QLast Update : Thu Jan 23 00:38:42 2025
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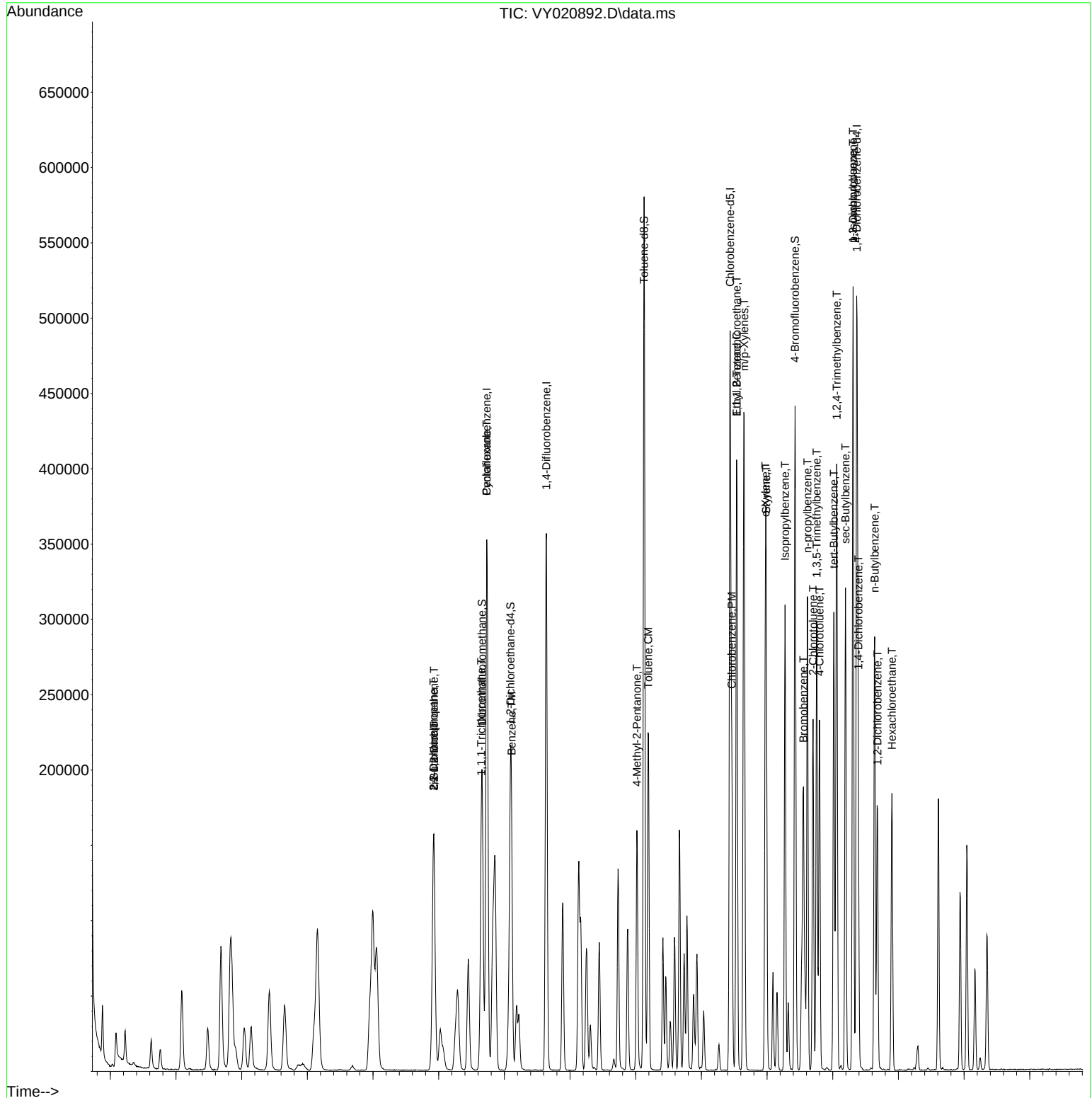
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

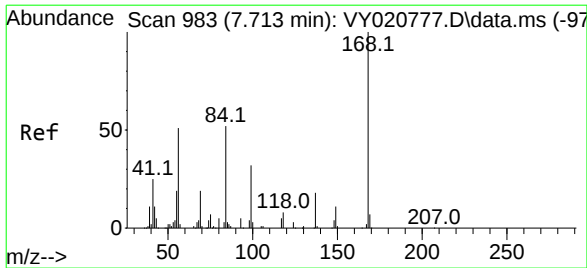
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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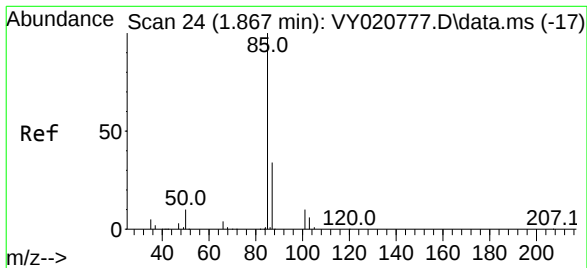
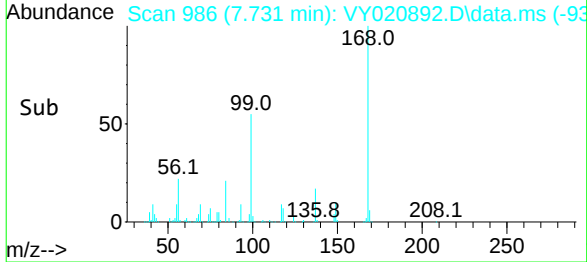
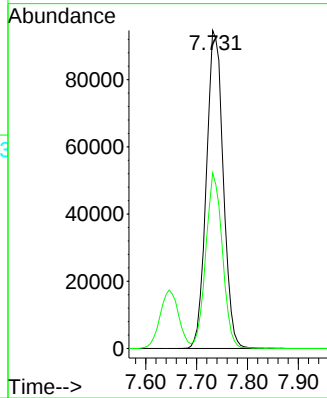
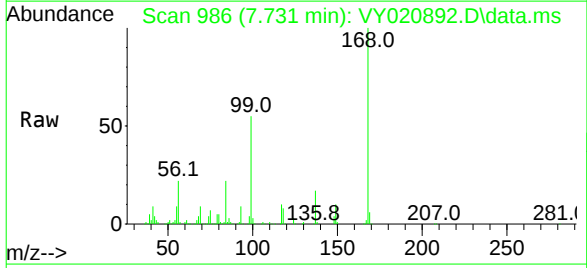




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
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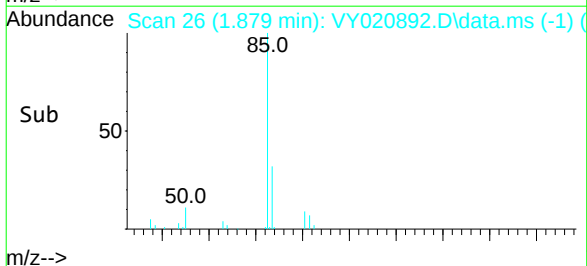
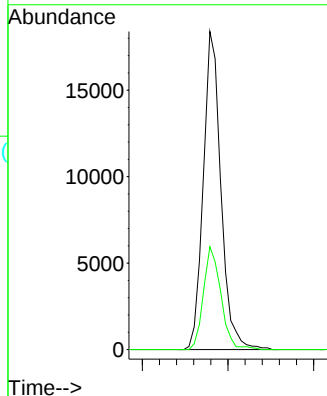
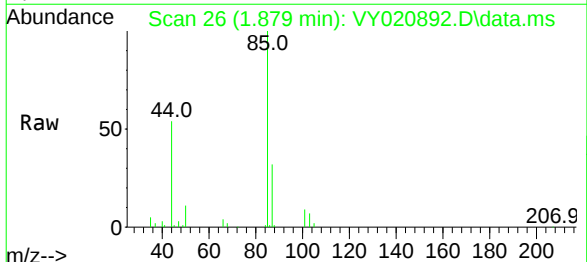
Instrument :
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ClientSampleId :
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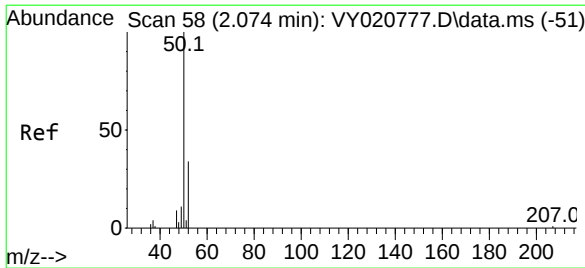
Tgt Ion:168 Resp: 218027
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 16.440 ug/l
RT: 1.879 min Scan# 26
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

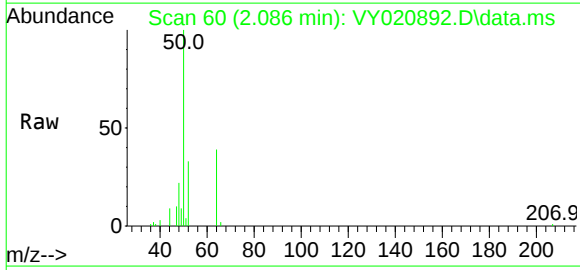
Tgt Ion: 85 Resp: 26306
Ion Ratio Lower Upper
85 100
87 32.3 16.9 50.6



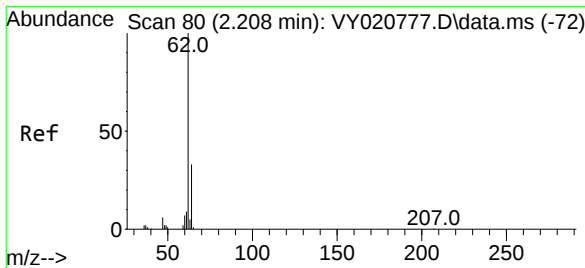
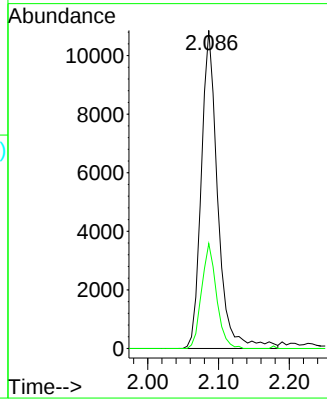
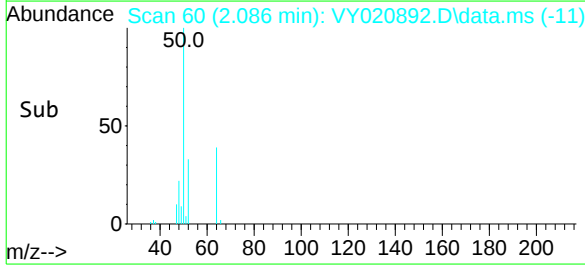


#3
Chloromethane
Concen: 20.864 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020892.D
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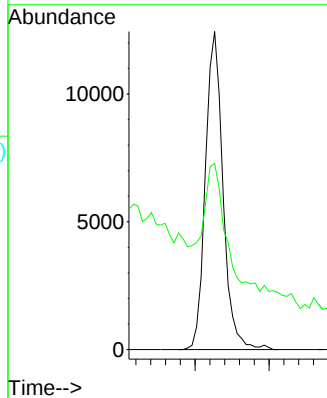
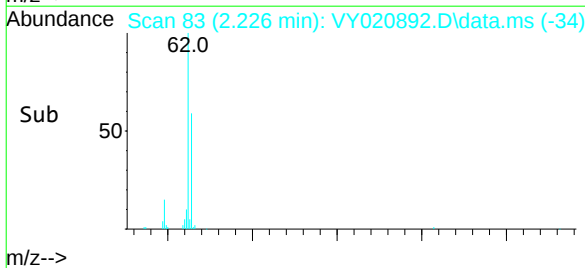
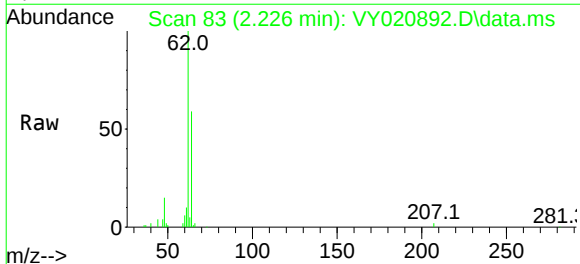


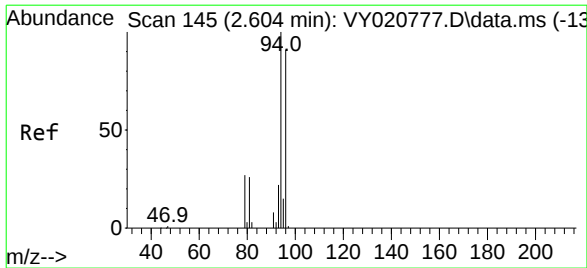
Tgt Ion: 50 Resp: 17578
Ion Ratio Lower Upper
50 100
52 33.0 27.3 40.9



#4
Vinyl Chloride
Concen: 21.896 ug/l
RT: 2.226 min Scan# 83
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 62 Resp: 20507
Ion Ratio Lower Upper
62 100
64 40.5 26.6 39.8

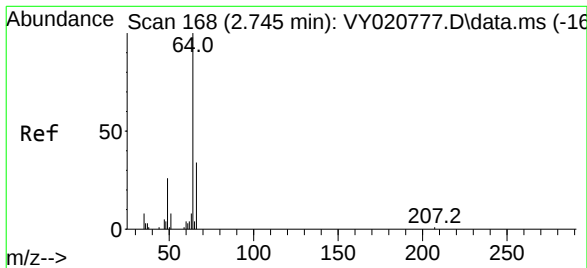
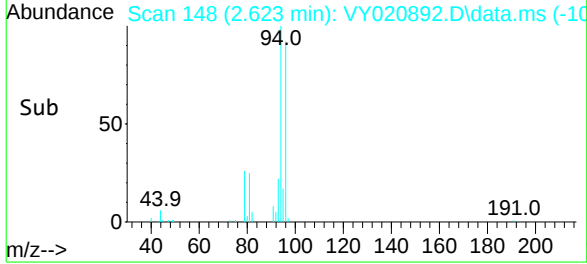
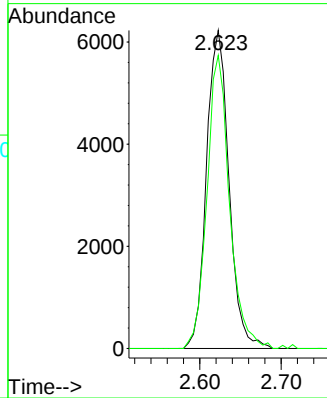
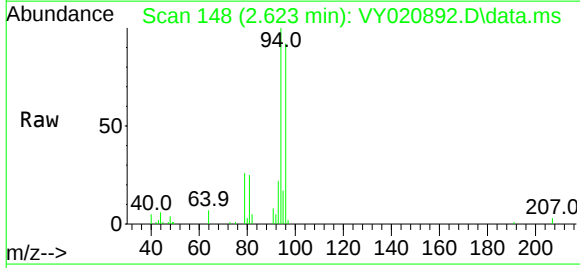




#5
Bromomethane
Concen: 17.898 ug/l
RT: 2.623 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020892.D
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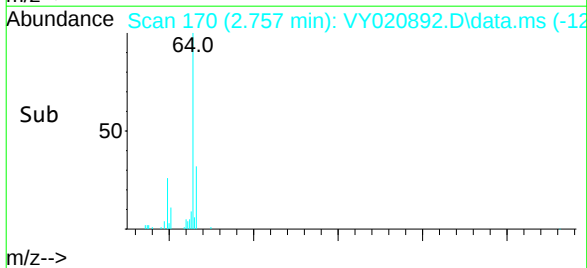
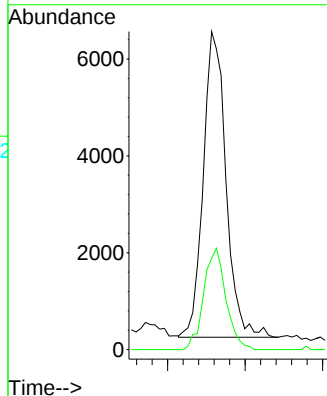
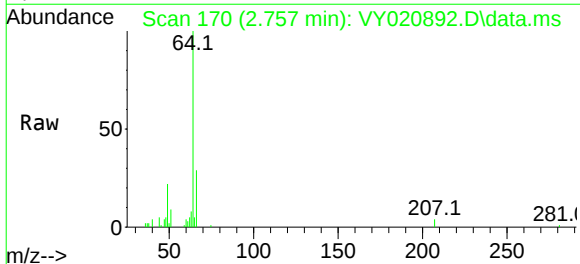
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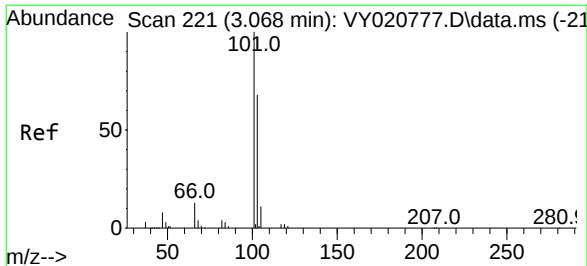
Tgt Ion: 94 Resp: 11939
Ion Ratio Lower Upper
94 100
96 92.1 72.6 109.0



#6
Chloroethane
Concen: 22.237 ug/l
RT: 2.757 min Scan# 170
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 12844
Ion Ratio Lower Upper
64 100
66 29.8 26.9 40.3

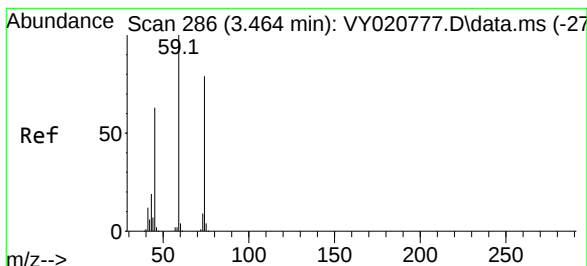
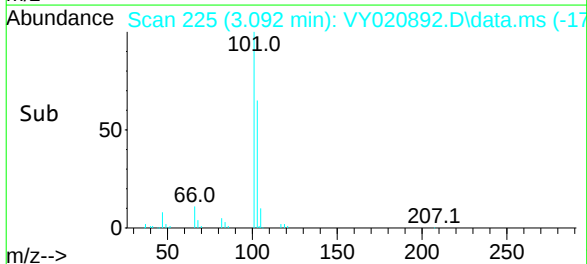
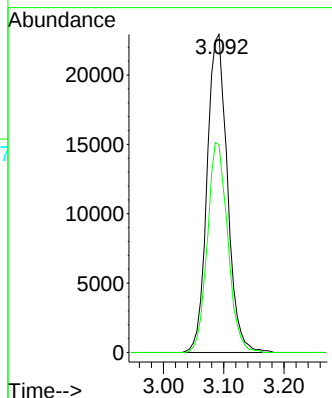
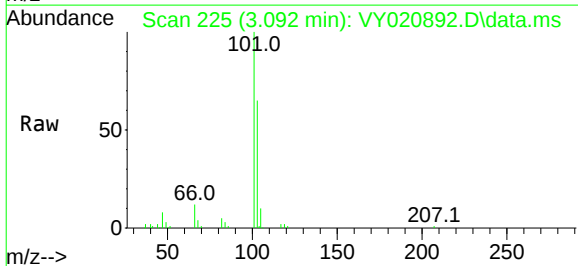




#7
 Trichlorofluoromethane
 Concen: 18.642 ug/l
 RT: 3.092 min Scan# 221
 Delta R.T. 0.000 min
 Lab File: VY020892.D
 Acq: 22 Jan 2025 10:21

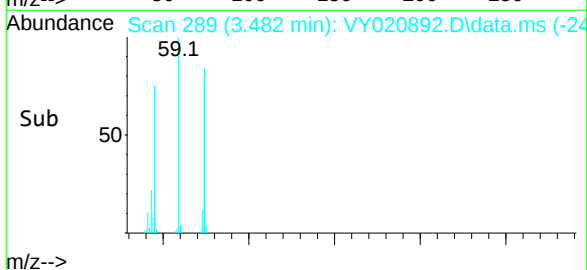
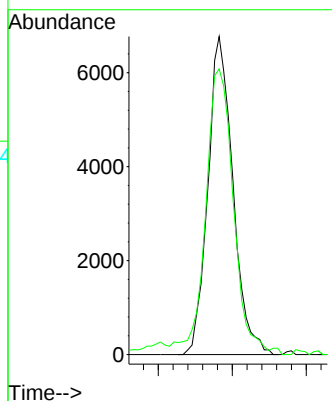
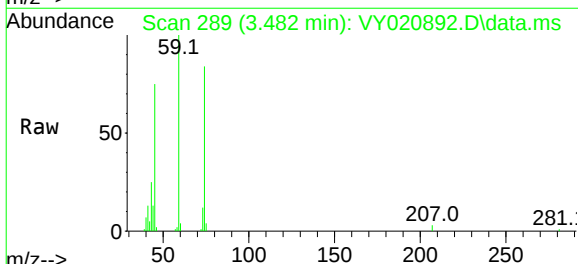
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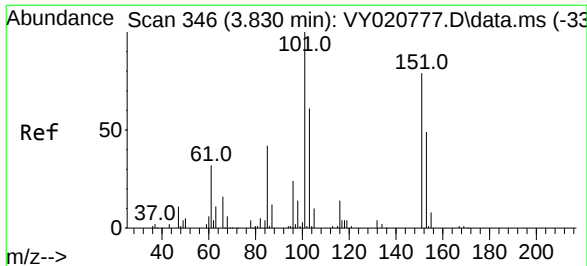
Tgt Ion: 101 Resp: 53585
 Ion Ratio Lower Upper
 101 100
 103 65.4 54.6 82.0



#8
 Diethyl Ether
 Concen: 17.722 ug/l
 RT: 3.482 min Scan# 289
 Delta R.T. -0.006 min
 Lab File: VY020892.D
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Tgt Ion: 74 Resp: 15930
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1

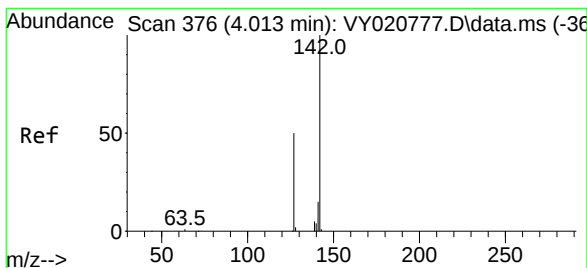
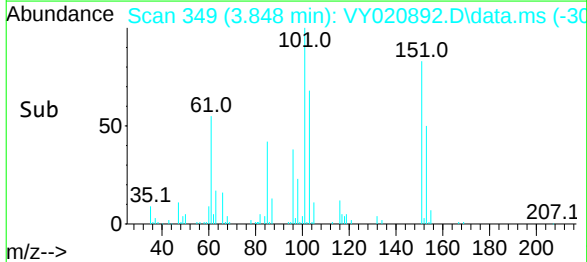
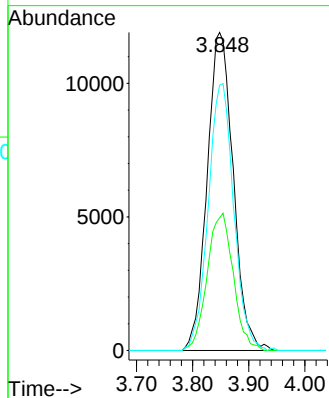
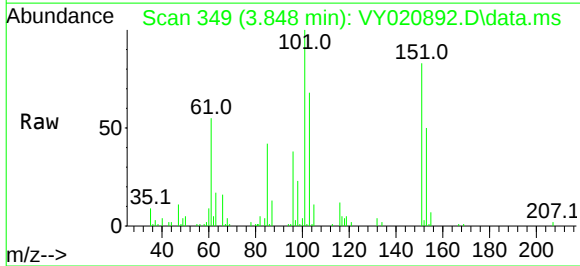




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.795 ug/l
RT: 3.848 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

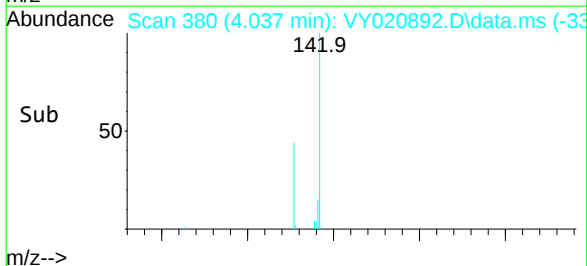
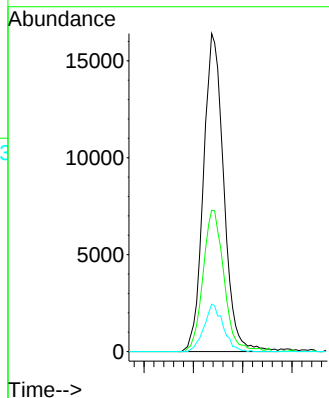
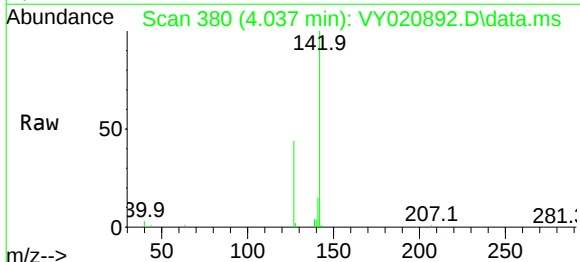
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

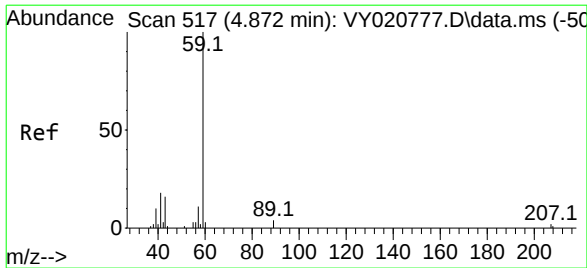
Tgt Ion:101 Resp: 38426
Ion Ratio Lower Upper
101 100
85 43.1 35.9 53.9
151 82.2 66.9 100.3



#10
Methyl Iodide
Concen: 22.610 ug/l
RT: 4.037 min Scan# 380
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion:142 Resp: 47034
Ion Ratio Lower Upper
142 100
127 45.8 41.0 61.6
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 92.459 ug/l m

RT: 4.909 min Scan# 52

Delta R.T. -0.018 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

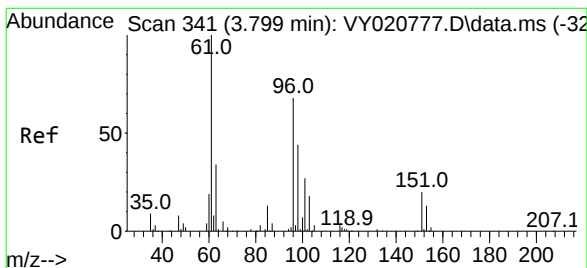
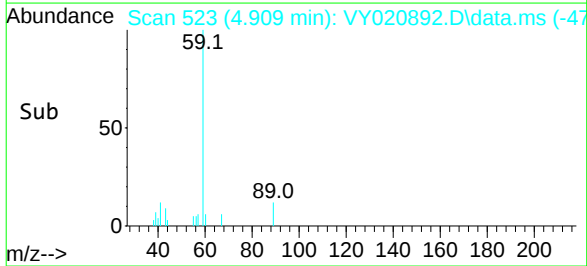
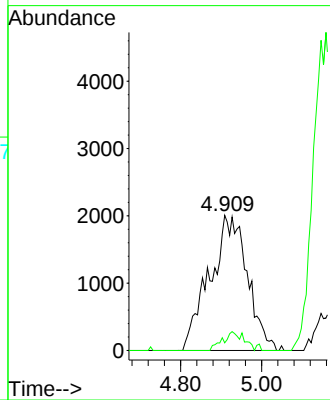
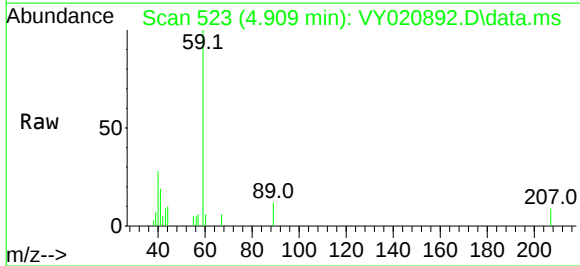
VY0122SBS01

Tgt Ion: 59 Resp: 12947

Ion Ratio Lower Upper

59 100

57 7.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.340 ug/l

RT: 3.824 min Scan# 345

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

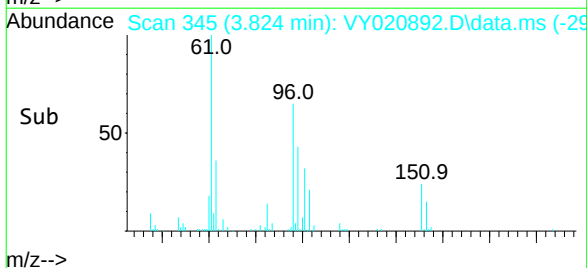
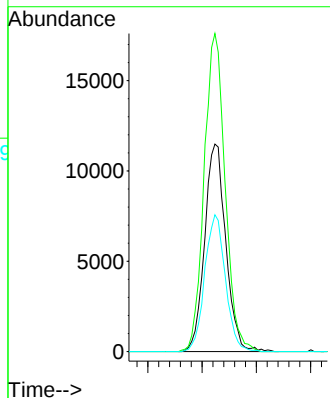
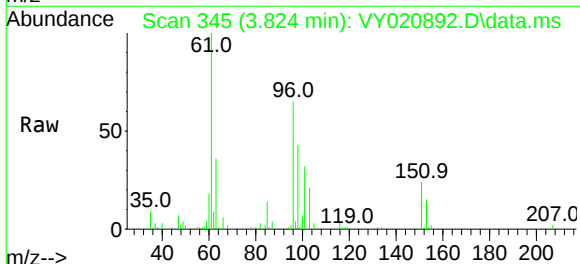
Tgt Ion: 96 Resp: 31183

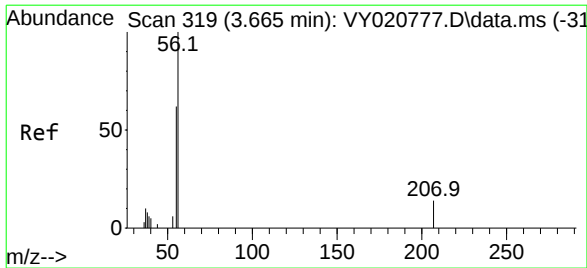
Ion Ratio Lower Upper

96 100

61 153.3 117.8 176.8

98 65.9 51.9 77.9





#13

Acrolein

Concen: 2619.057 ug/l

RT: 3.690 min Scan# 32

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

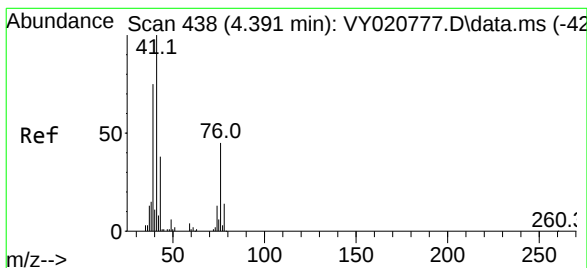
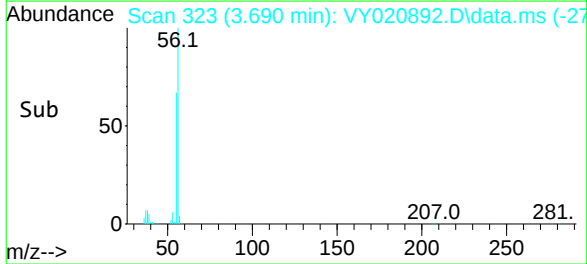
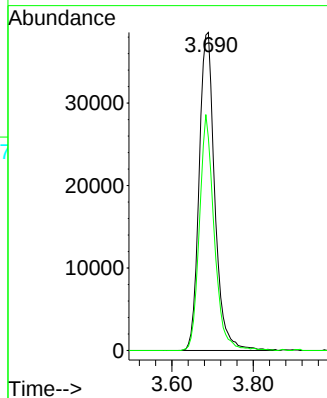
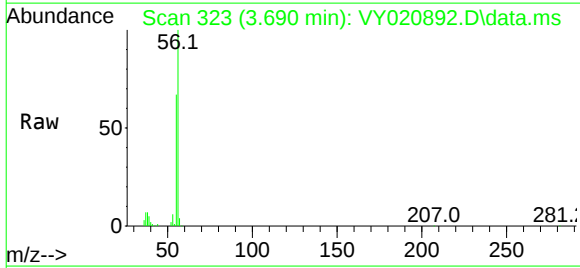
VY0122SBS01

Tgt Ion: 56 Resp: 102993

Ion Ratio Lower Upper

56 100

55 70.2 58.1 87.1



#14

Allyl chloride

Concen: 19.043 ug/l

RT: 4.421 min Scan# 443

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

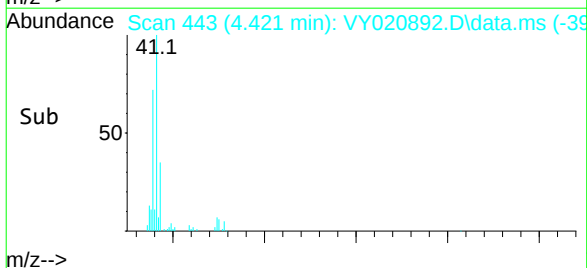
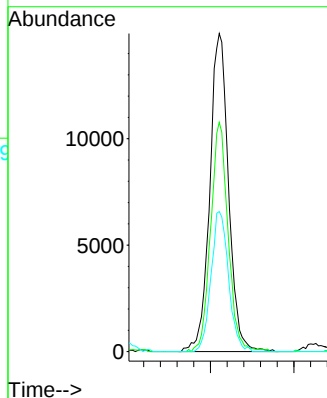
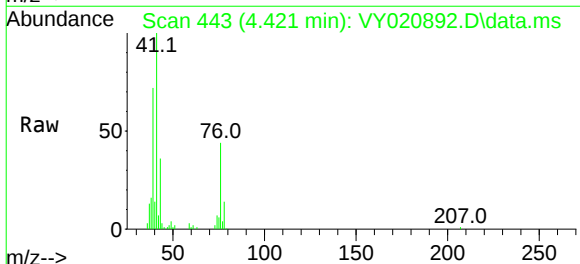
Tgt Ion: 41 Resp: 46712

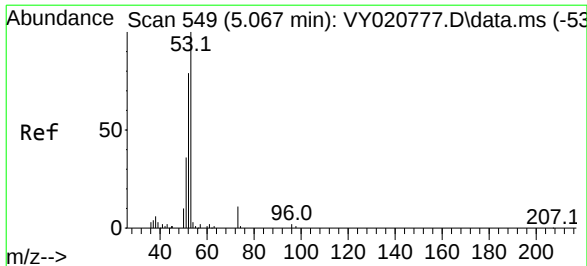
Ion Ratio Lower Upper

41 100

39 66.8 57.5 86.3

76 41.0 35.6 53.4





#15

Acrylonitrile

Concen: 92.787 ug/l

RT: 5.104 min Scan# 55

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

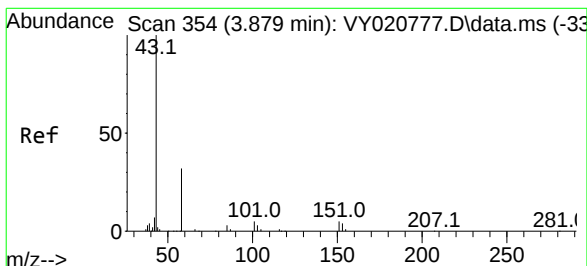
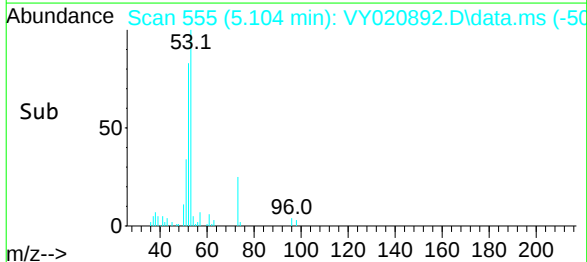
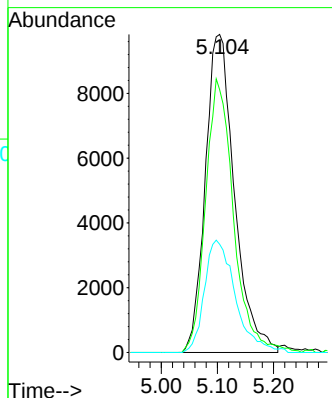
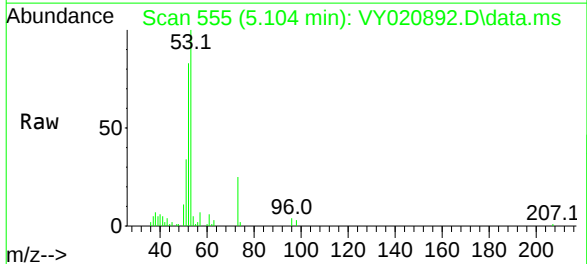
Tgt Ion: 53 Resp: 35448

Ion Ratio Lower Upper

53 100

52 82.4 64.3 96.5

51 37.5 29.3 43.9



#16

Acetone

Concen: 88.918 ug/l

RT: 3.909 min Scan# 359

Delta R.T. -0.006 min

Lab File: VY020892.D

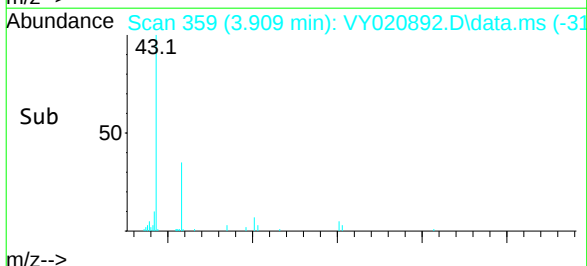
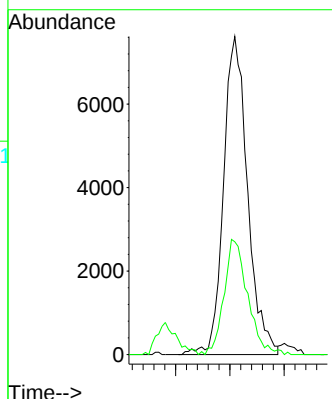
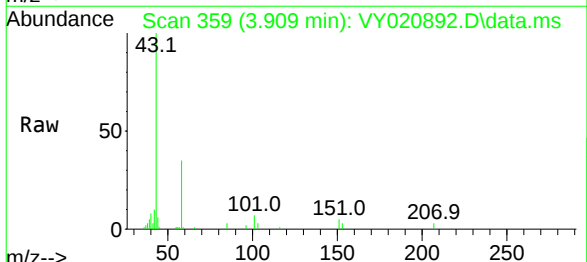
Acq: 22 Jan 2025 10:21

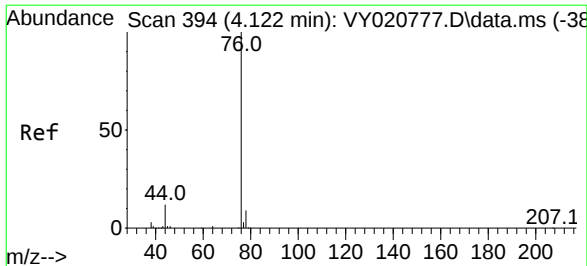
Tgt Ion: 43 Resp: 23432

Ion Ratio Lower Upper

43 100

58 34.0 26.7 40.1





#17

Carbon Disulfide

Concen: 16.164 ug/l

RT: 4.147 min Scan# 39

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

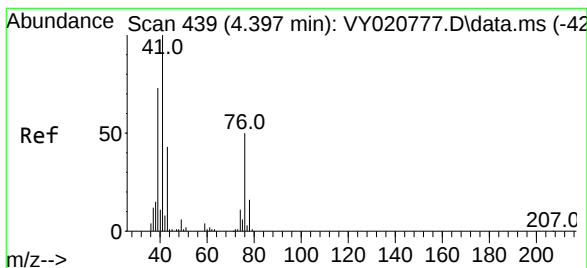
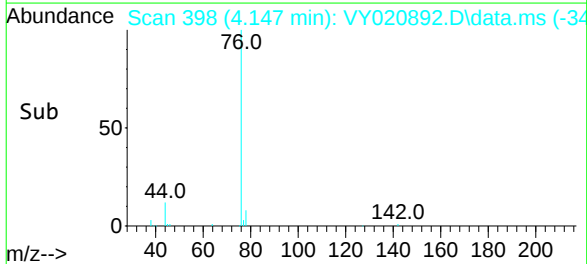
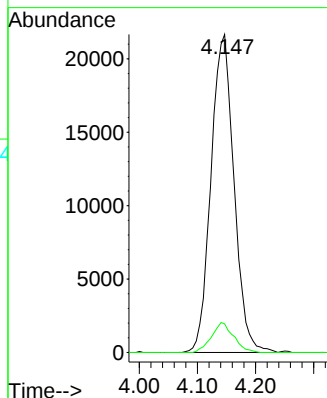
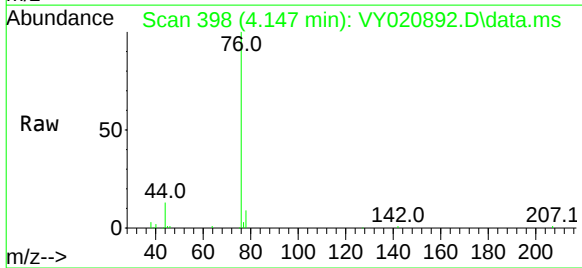
VY0122SBS01

Tgt Ion: 76 Resp: 59621

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 18.988 ug/l

RT: 4.421 min Scan# 443

Delta R.T. -0.006 min

Lab File: VY020892.D

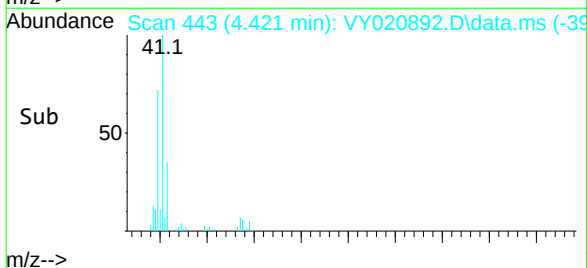
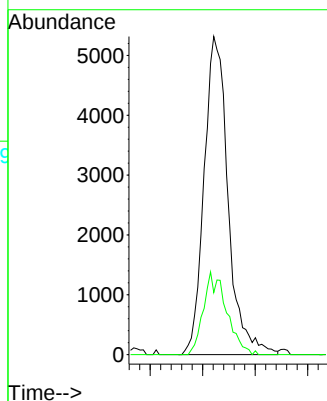
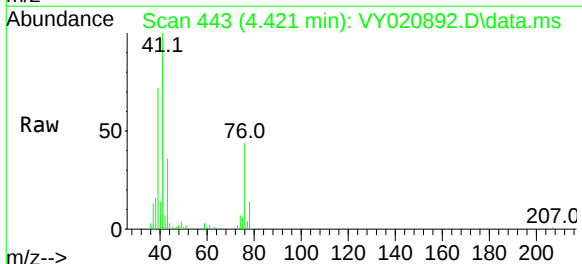
Acq: 22 Jan 2025 10:21

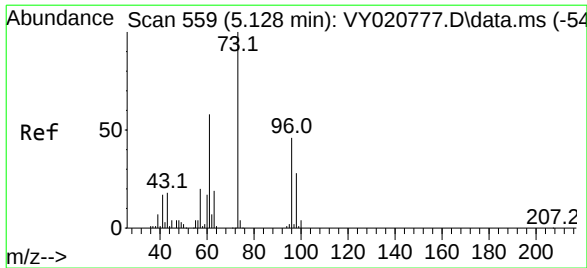
Tgt Ion: 43 Resp: 16895

Ion Ratio Lower Upper

43 100

74 25.0 23.0 34.6

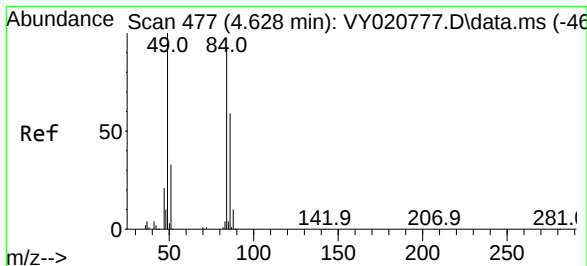
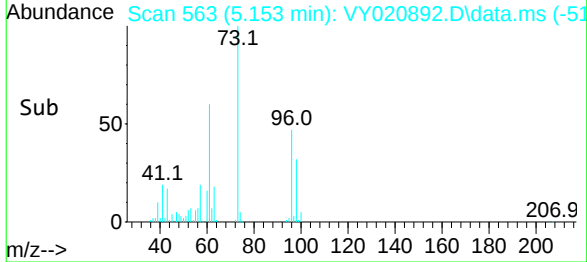
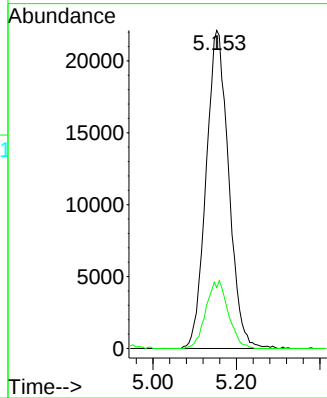
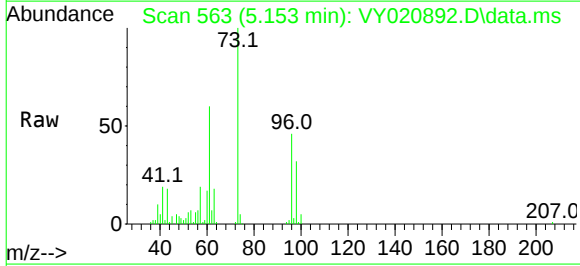




#19
Methyl tert-butyl Ether
Concen: 17.358 ug/l
RT: 5.153 min Scan# 56
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

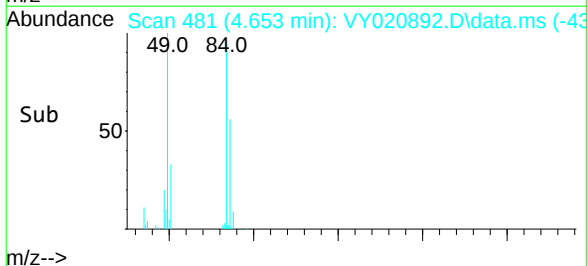
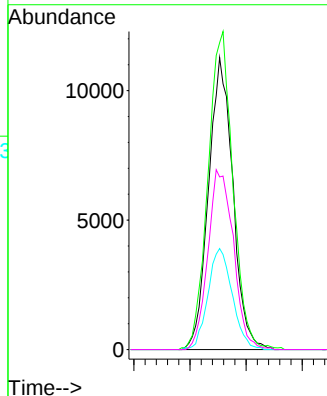
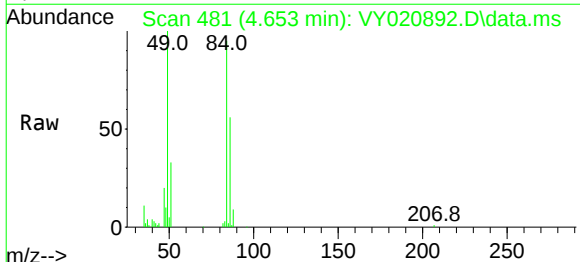
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

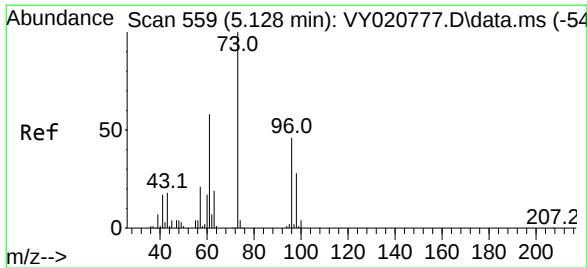
Tgt Ion: 73 Resp: 83290
Ion Ratio Lower Upper
73 100
57 19.2 16.4 24.6



#20
Methylene Chloride
Concen: 18.656 ug/l
RT: 4.653 min Scan# 481
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 84 Resp: 33952
Ion Ratio Lower Upper
84 100
49 105.1 86.7 130.1
51 34.6 28.4 42.6
86 59.1 51.3 76.9

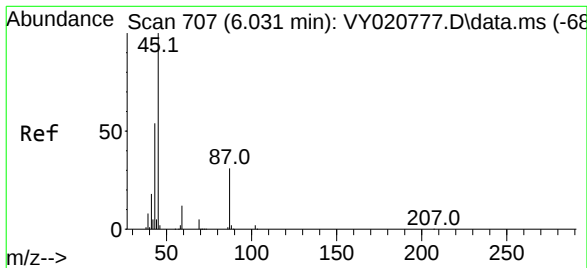
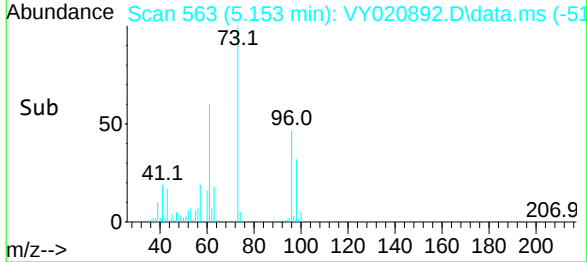
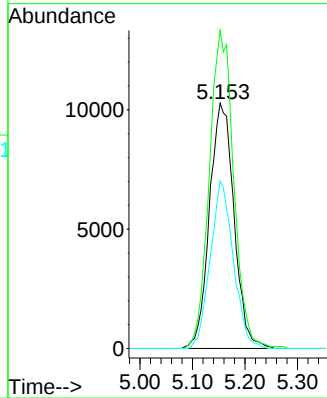
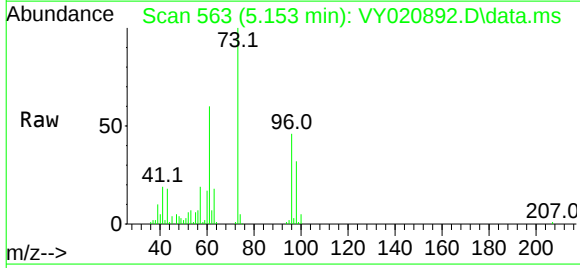




#21
trans-1,2-Dichloroethene
Concen: 17.830 ug/l
RT: 5.153 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

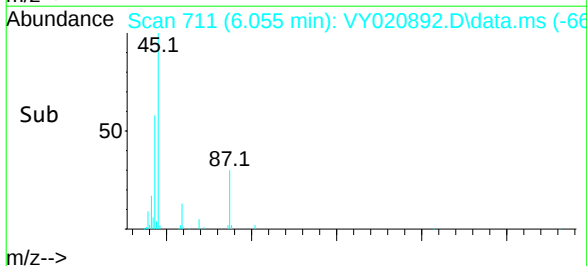
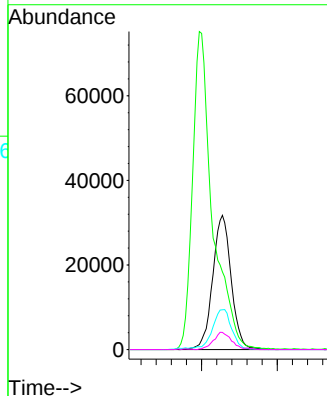
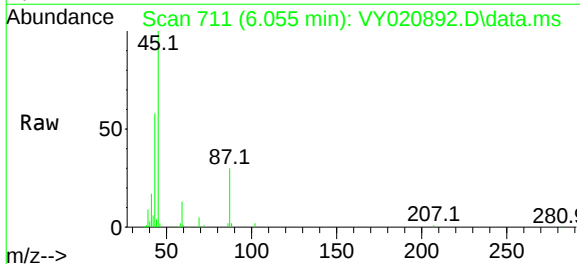
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

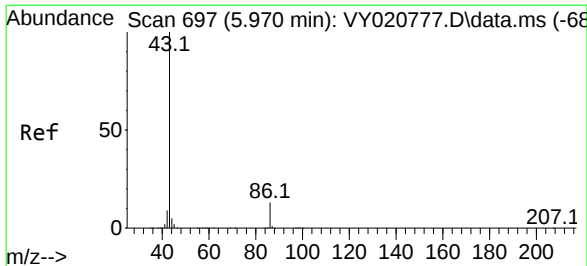
Tgt Ion: 96 Resp: 33384
Ion Ratio Lower Upper
96 100
61 129.7 101.6 152.4
98 68.3 49.4 74.2



#22
Diisopropyl ether
Concen: 20.617 ug/l
RT: 6.055 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 45 Resp: 107731
Ion Ratio Lower Upper
45 100
43 57.4 43.9 65.9
87 29.7 25.3 37.9
59 12.8 10.0 15.0





#23

Vinyl Acetate

Concen: 95.770 ug/l

RT: 5.994 min Scan# 701

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

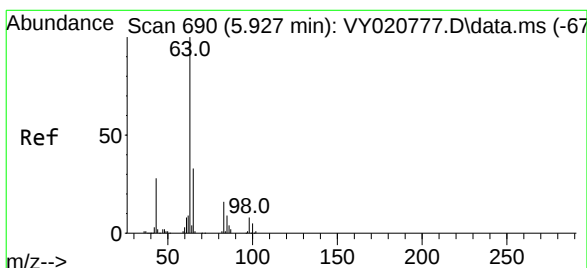
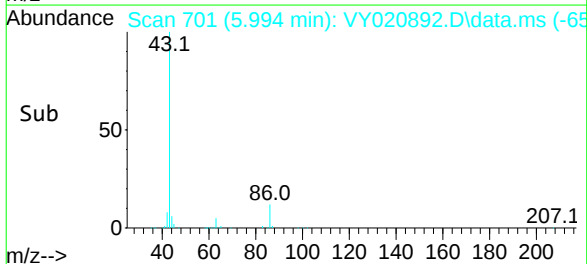
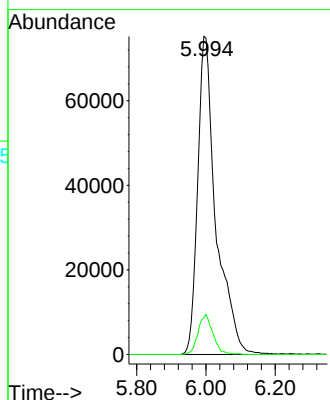
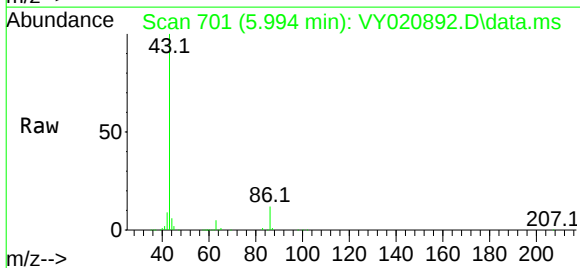
VY0122SBS01

Tgt Ion: 43 Resp: 275920

Ion Ratio Lower Upper

43 100

86 11.6 10.5 15.7



#24

1,1-Dichloroethane

Concen: 19.248 ug/l

RT: 5.951 min Scan# 694

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

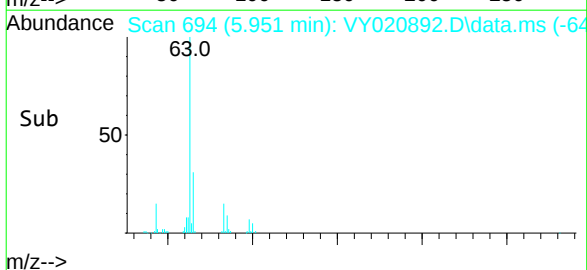
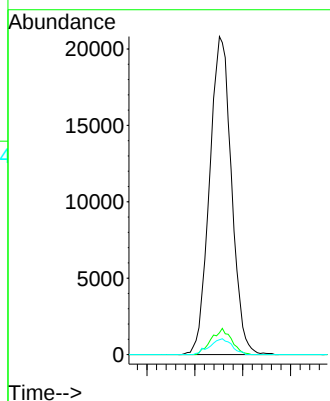
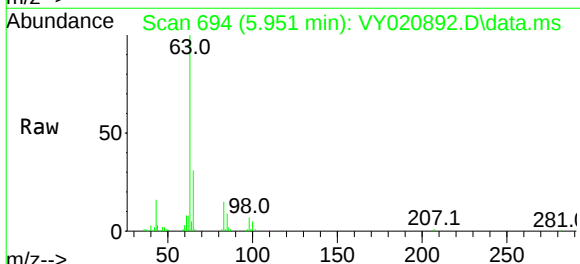
Tgt Ion: 63 Resp: 66356

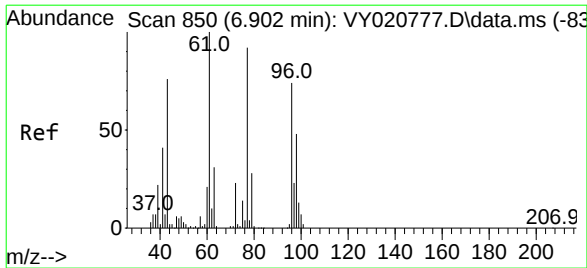
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.7 2.4 7.2

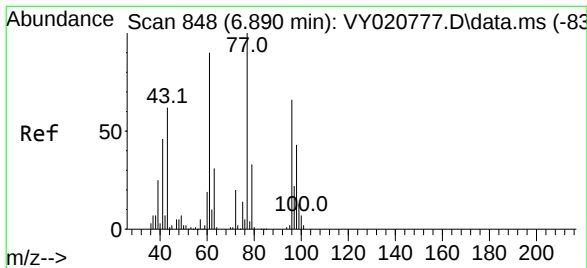
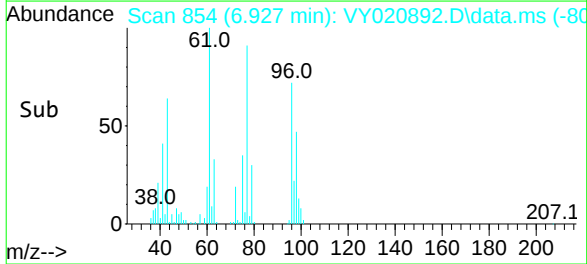
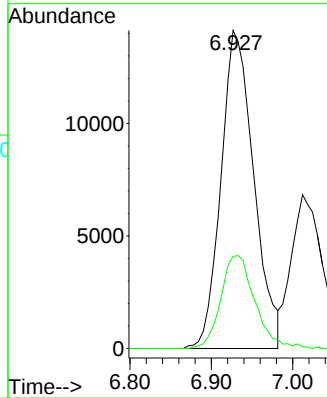
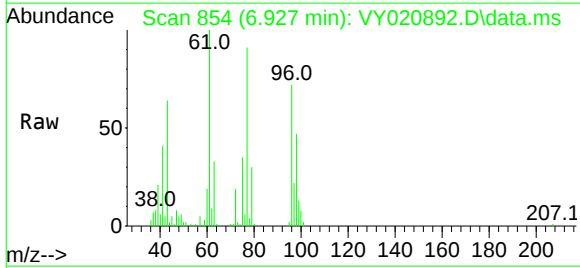




#25
2-Butanone
Concen: 91.404 ug/l
RT: 6.927 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

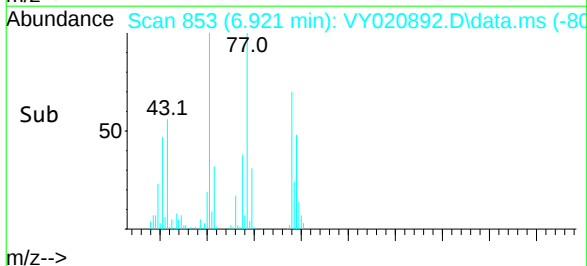
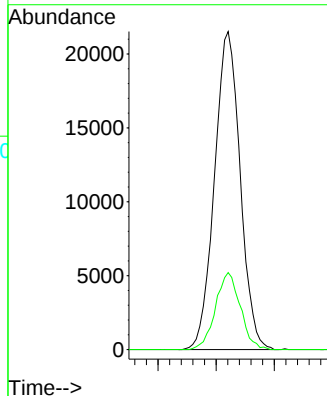
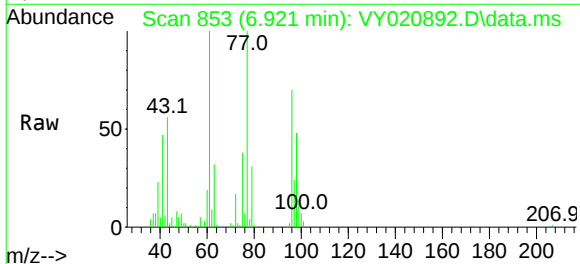
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

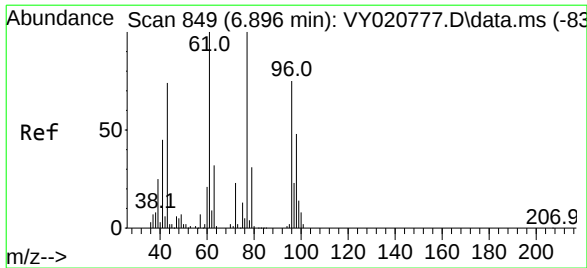
Tgt Ion: 43 Resp: 39567
Ion Ratio Lower Upper
43 100
72 29.0 24.0 36.0



#26
2,2-Dichloropropane
Concen: 18.438 ug/l
RT: 6.921 min Scan# 853
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 77 Resp: 65997
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8

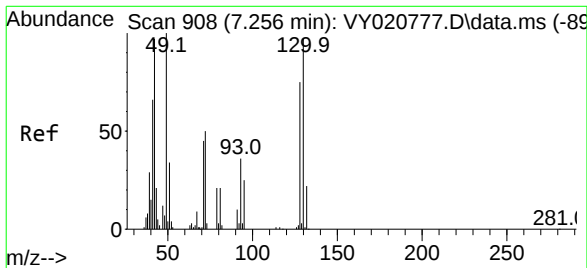
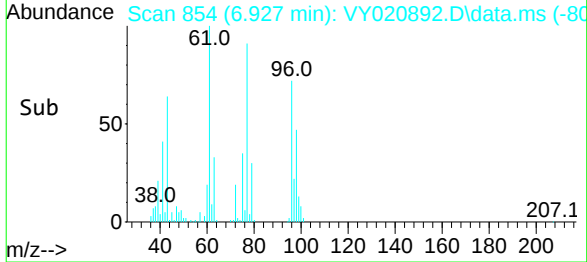
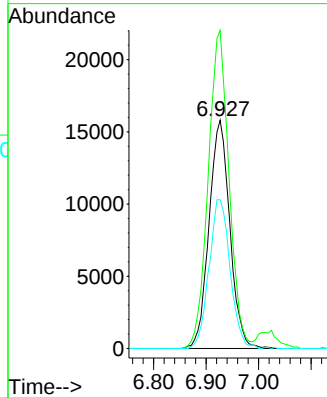
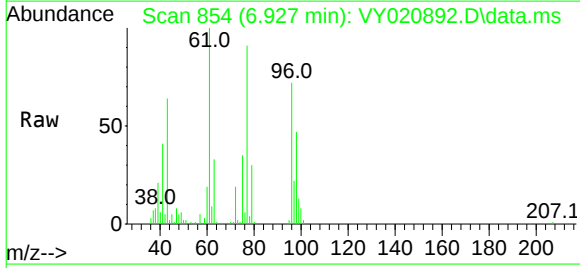




#27
 cis-1,2-Dichloroethene
 Concen: 18.413 ug/l
 RT: 6.927 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VY020892.D
 Acq: 22 Jan 2025 10:21

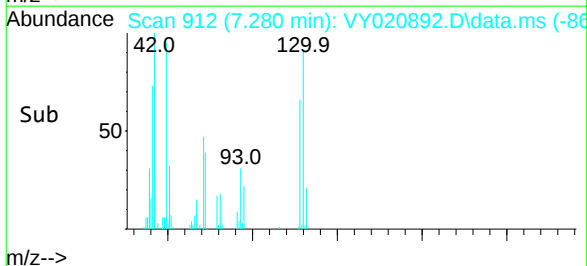
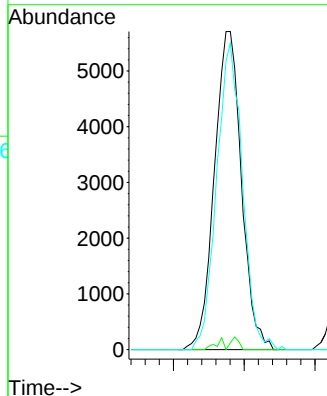
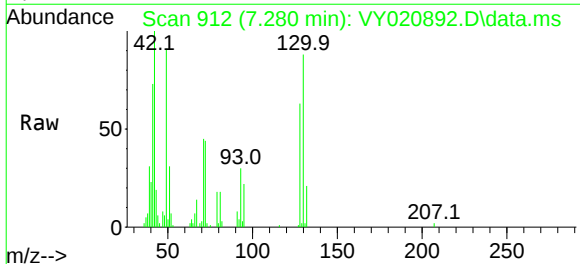
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

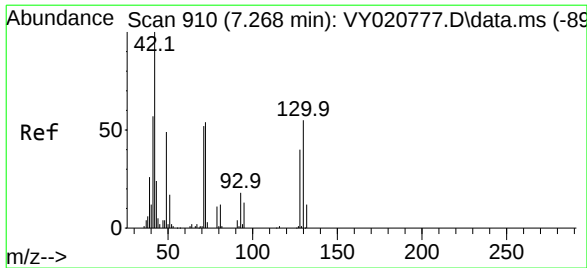
Tgt Ion: 96 Resp: 43497
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 271.4
 98 66.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 16.286 ug/l
 RT: 7.280 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VY020892.D
 Acq: 22 Jan 2025 10:21

Tgt Ion: 49 Resp: 15150
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 5.2
 130 91.9 77.8 116.6





#29

Tetrahydrofuran

Concen: 95.127 ug/l

RT: 7.299 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

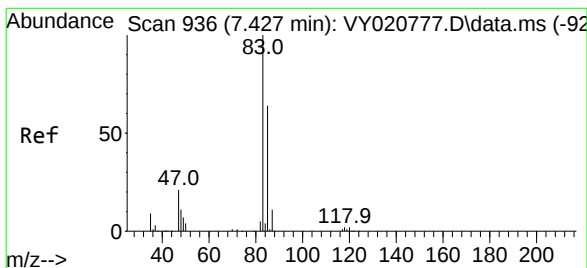
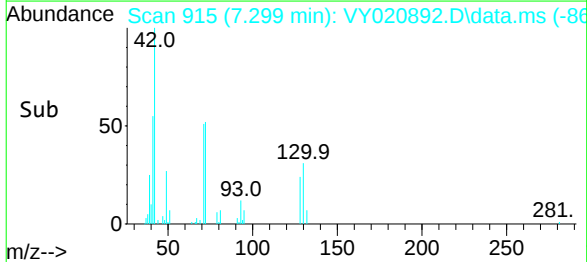
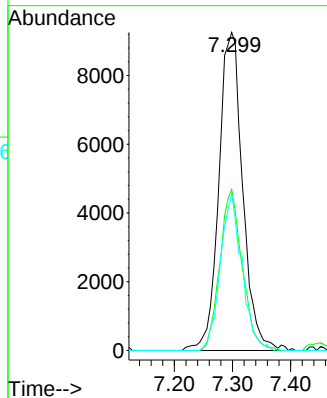
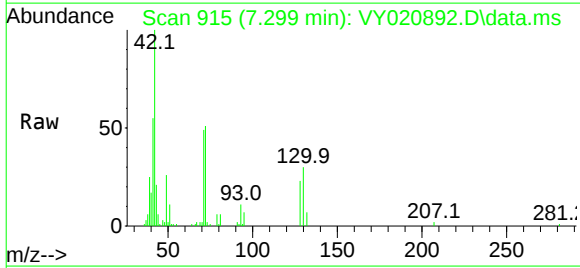
Tgt Ion: 42 Resp: 26305

Ion Ratio Lower Upper

42 100

72 47.5 41.8 62.6

71 44.9 39.8 59.8



#30

Chloroform

Concen: 18.628 ug/l

RT: 7.451 min Scan# 940

Delta R.T. -0.006 min

Lab File: VY020892.D

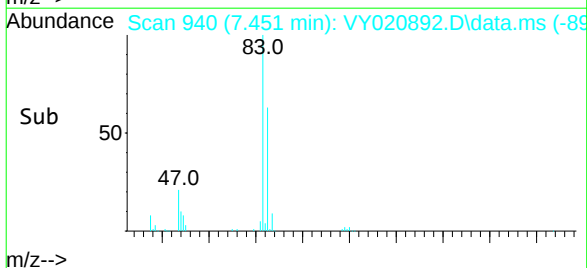
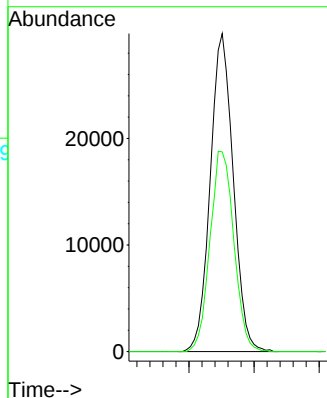
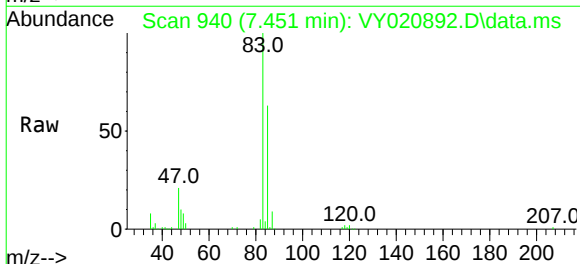
Acq: 22 Jan 2025 10:21

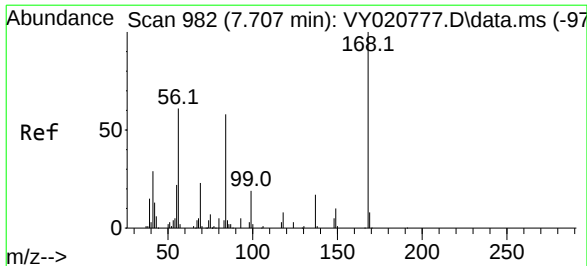
Tgt Ion: 83 Resp: 73237

Ion Ratio Lower Upper

83 100

85 62.8 51.1 76.7

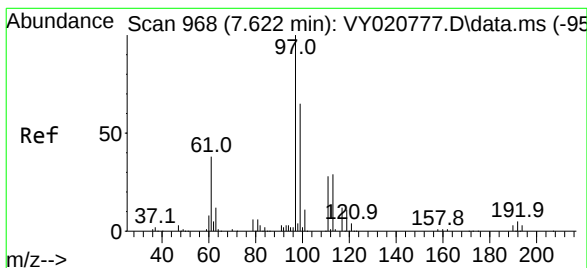
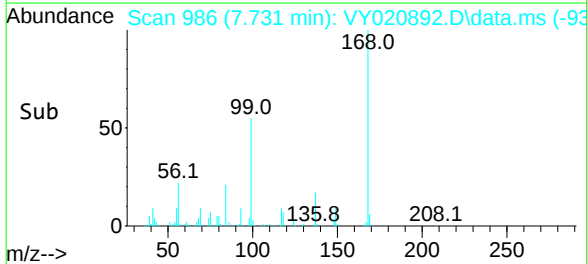
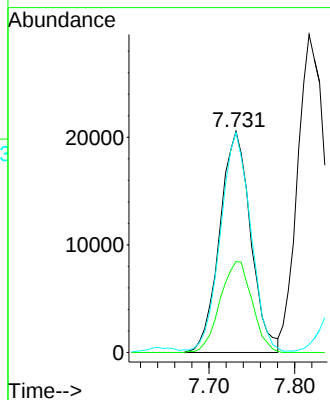
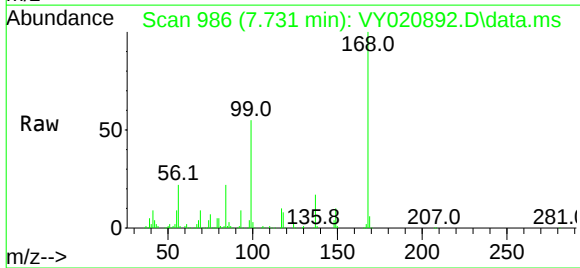




#31
Cyclohexane
Concen: 19.167 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

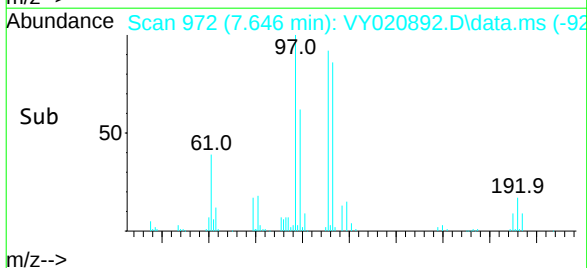
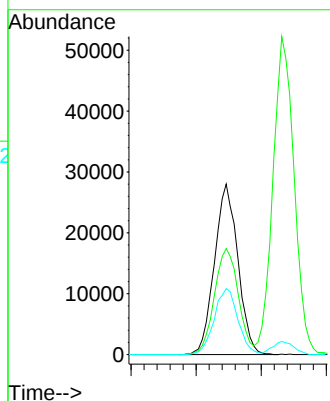
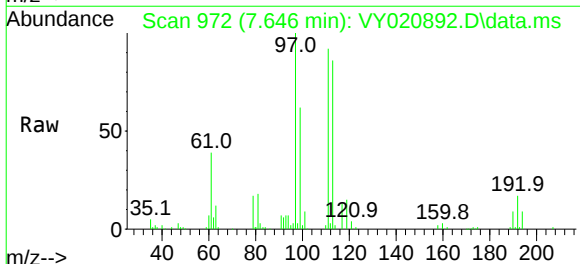
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

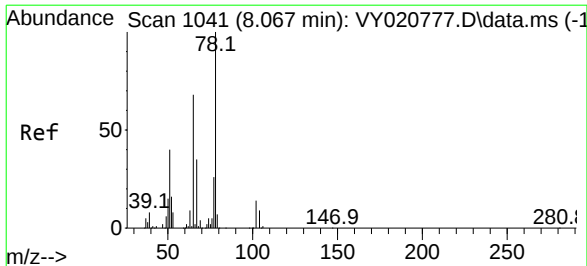
Tgt Ion: 56 Resp: 51684
Ion Ratio Lower Upper
56 100
69 41.1 30.5 45.7
84 98.5 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.227 ug/l
RT: 7.646 min Scan# 972
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 97 Resp: 69898
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 39.4 30.5 45.7

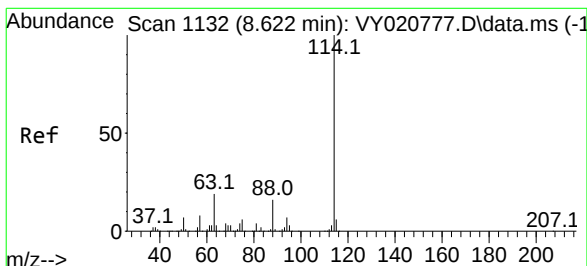
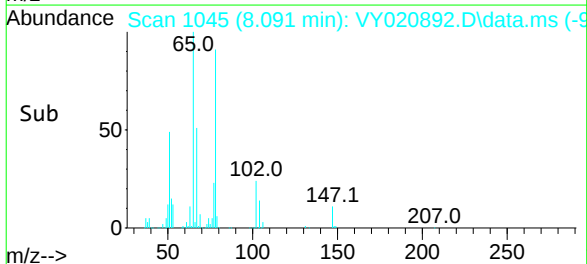
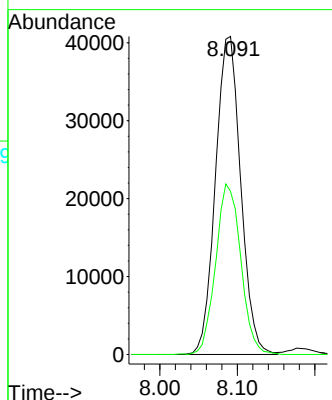
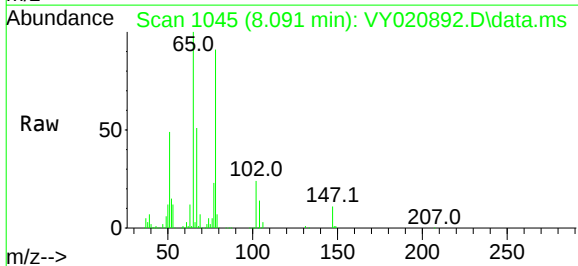




#33
1,2-Dichloroethane-d4
Concen: 49.845 ug/l
RT: 8.091 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

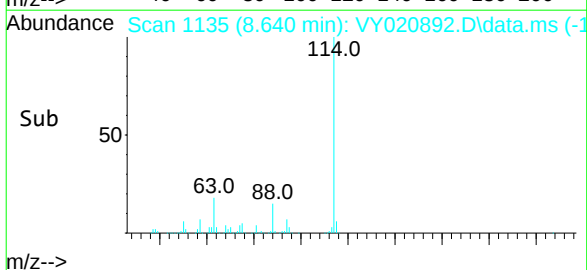
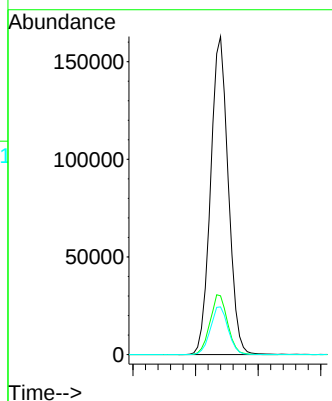
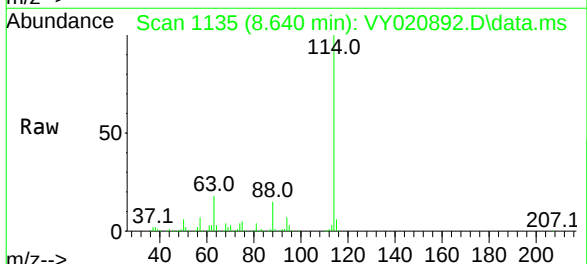
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

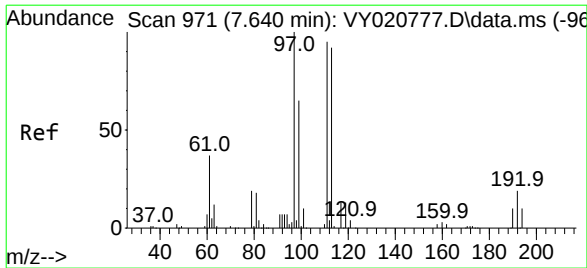
Tgt Ion: 65 Resp: 92371
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.640 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

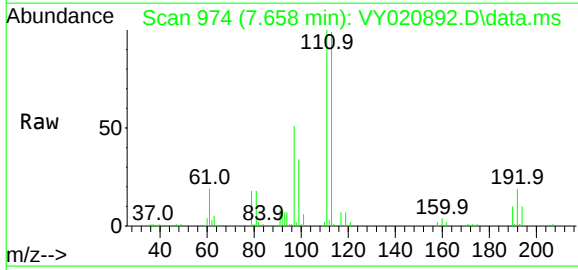
Tgt Ion: 114 Resp: 318757
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 15.0 0.0 31.2



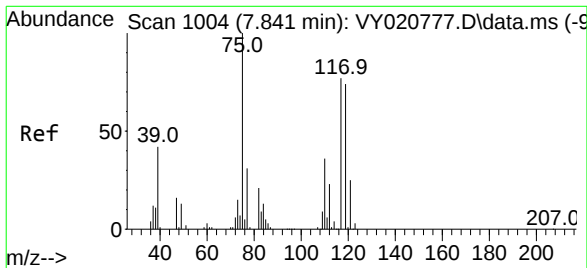
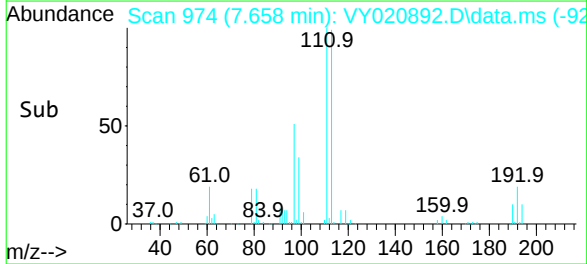
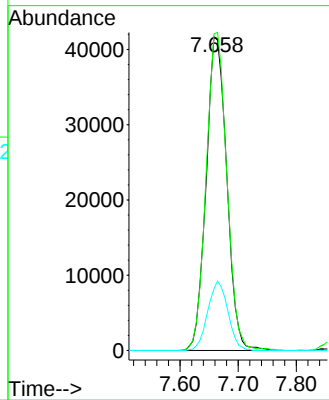


#35
Dibromofluoromethane
Concen: 51.465 ug/l
RT: 7.658 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

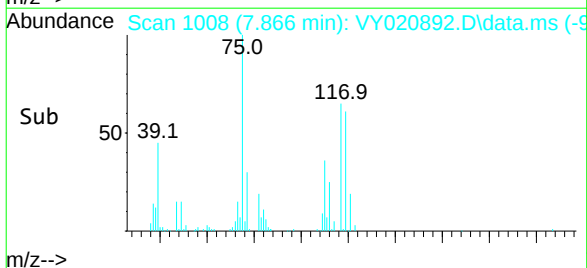
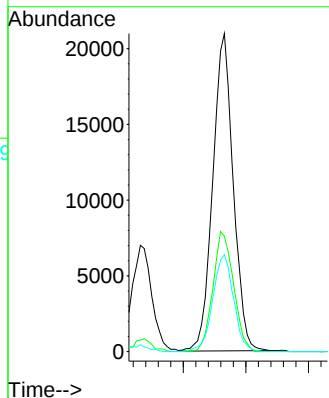
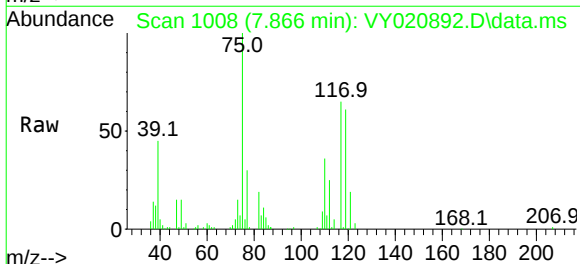


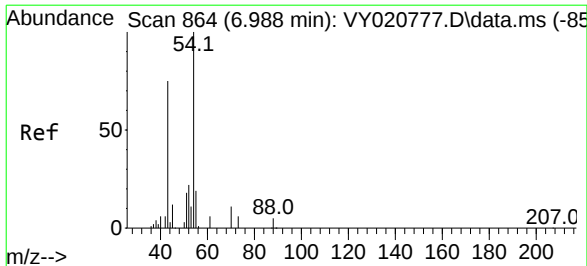
Tgt Ion:113 Resp: 102774
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 21.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 7.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 75 Resp: 47593
Ion Ratio Lower Upper
75 100
110 38.0 18.5 55.5
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 19.212 ug/l

RT: 7.012 min Scan# 86

Delta R.T. -0.006 min

Lab File: VY020892.D

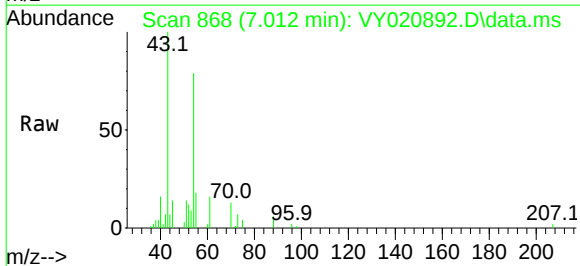
Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01



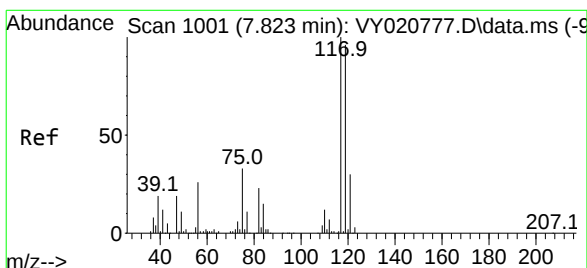
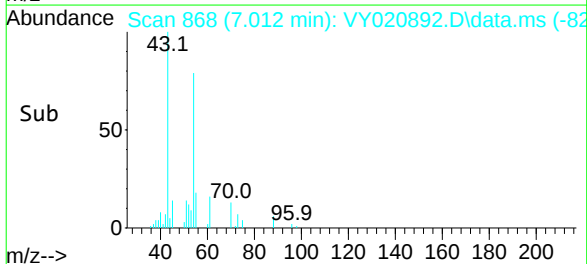
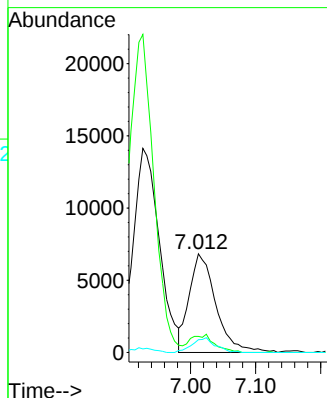
Tgt Ion: 43 Resp: 19474

Ion Ratio Lower Upper

43 100

61 16.6 11.8 17.6

70 12.9 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.500 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

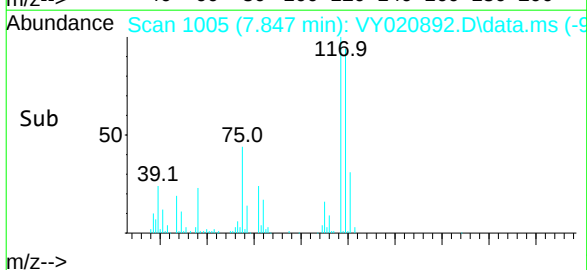
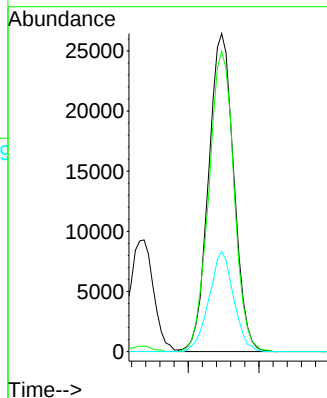
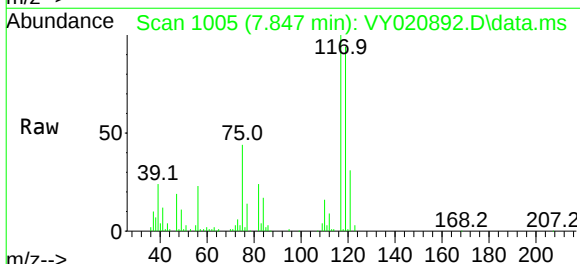
Tgt Ion: 117 Resp: 65596

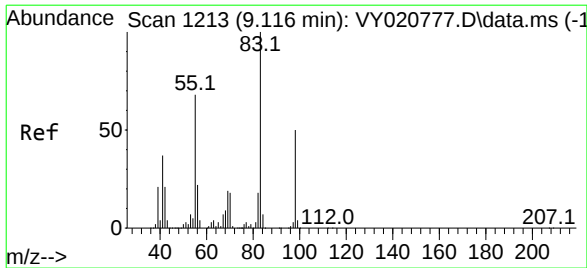
Ion Ratio Lower Upper

117 100

119 94.5 76.5 114.7

121 31.4 24.3 36.5

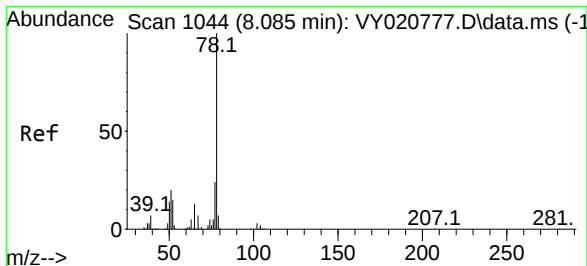
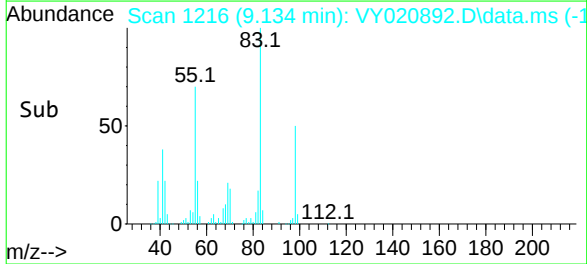
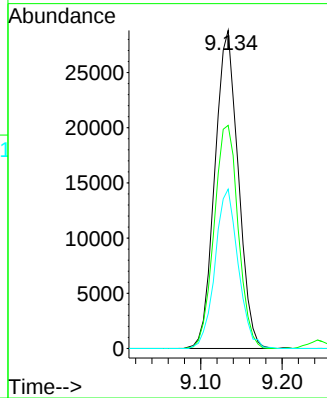
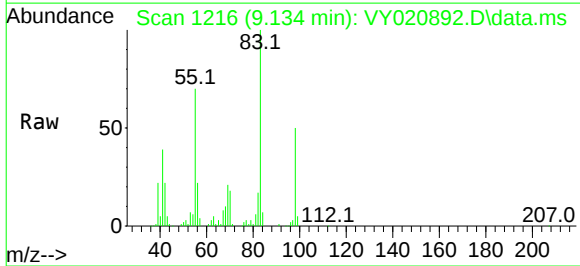




#39
Methylcyclohexane
Concen: 18.423 ug/l
RT: 9.134 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

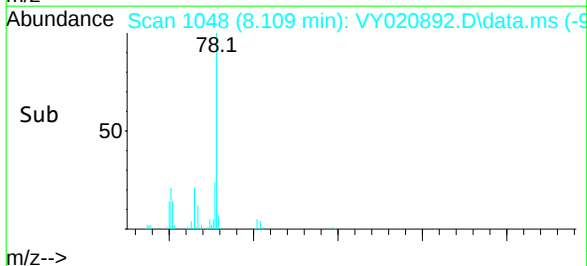
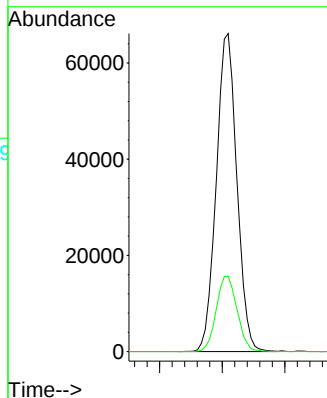
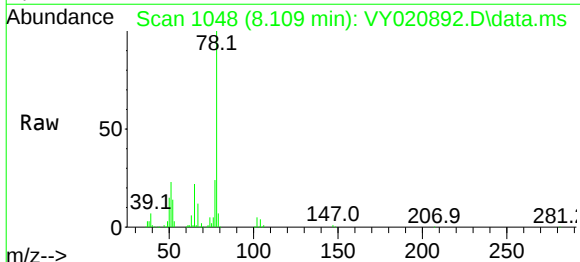
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

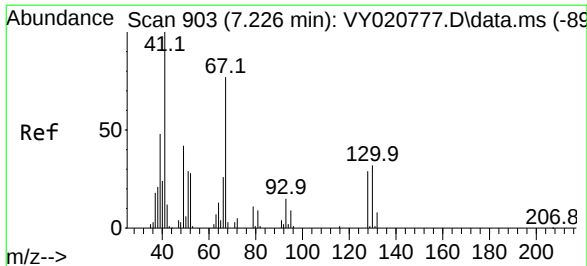
Tgt Ion: 83 Resp: 57584
Ion Ratio Lower Upper
83 100
55 70.2 54.8 82.2
98 50.1 40.0 60.0



#40
Benzene
Concen: 19.287 ug/l
RT: 8.109 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 78 Resp: 150777
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2





#41

Methacrylonitrile

Concen: 21.580 ug/l

RT: 7.250 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY020892.D

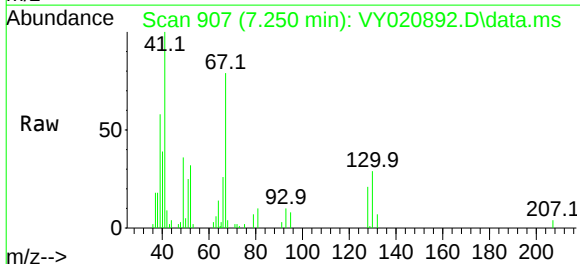
Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01



Tgt Ion: 41 Resp: 12527

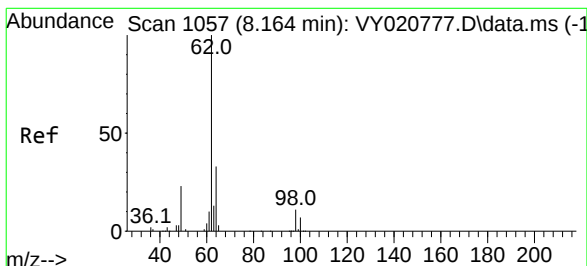
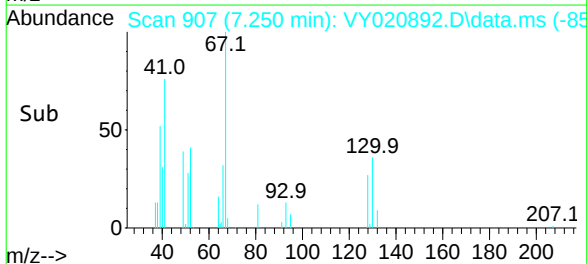
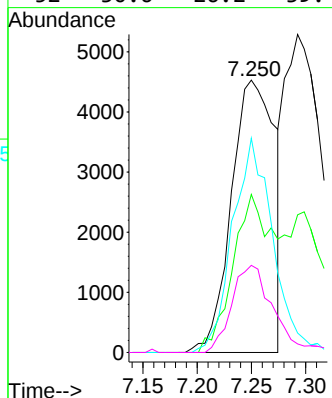
Ion Ratio Lower Upper

41 100

39 52.8 42.4 63.6

67 74.2 67.8 101.8

52 30.6 26.2 39.4



#42

1,2-Dichloroethane

Concen: 18.390 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VY020892.D

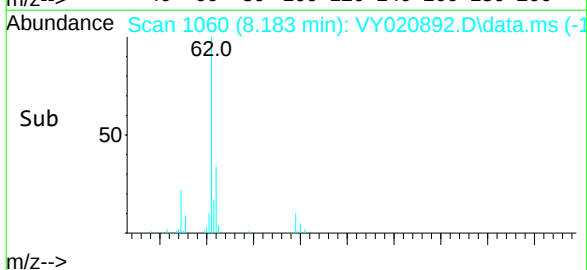
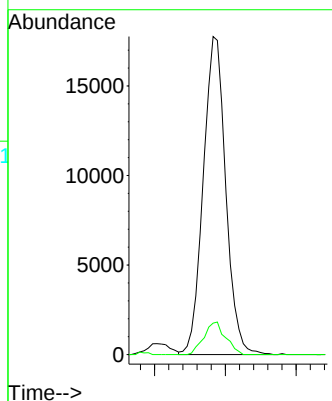
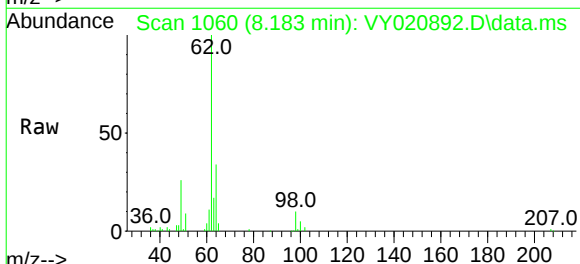
Acq: 22 Jan 2025 10:21

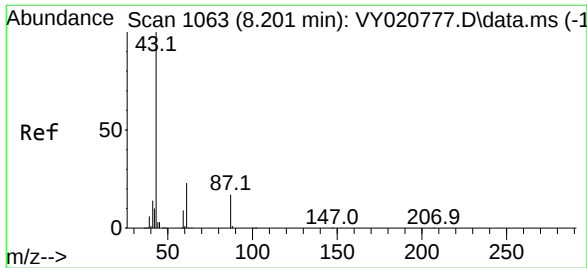
Tgt Ion: 62 Resp: 39260

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 18.687 ug/l

RT: 8.219 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

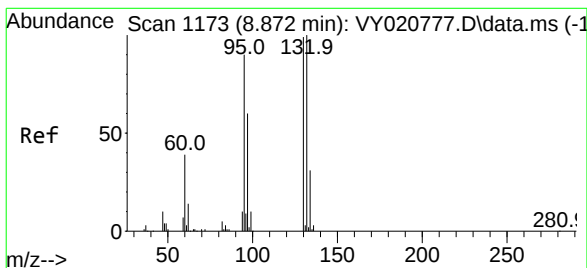
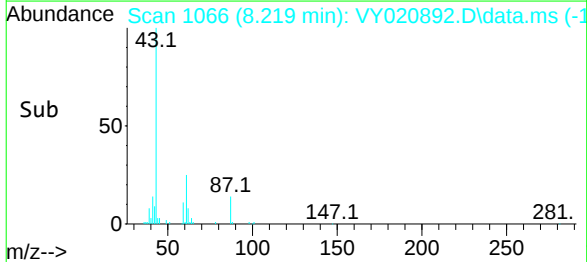
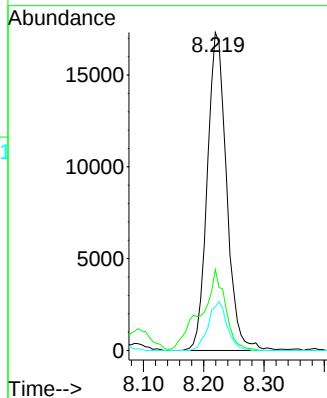
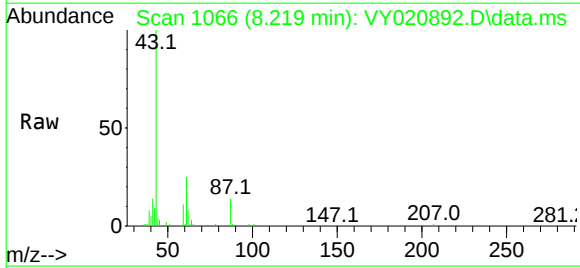
Tgt Ion: 43 Resp: 38528

Ion Ratio Lower Upper

43 100

61 32.5 26.5 39.7

87 15.0 13.4 20.0



#44

Trichloroethene

Concen: 18.872 ug/l

RT: 8.890 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VY020892.D

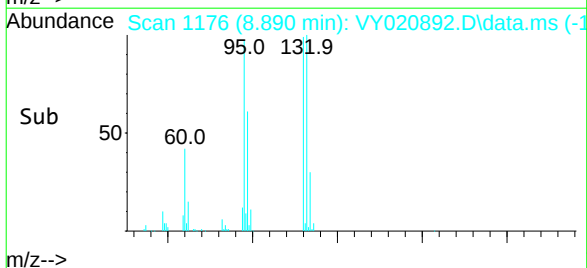
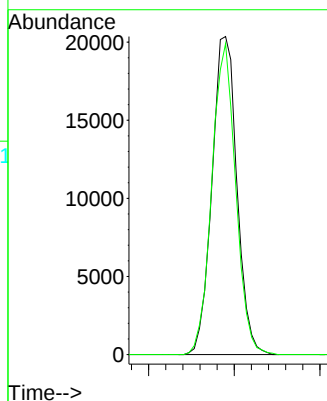
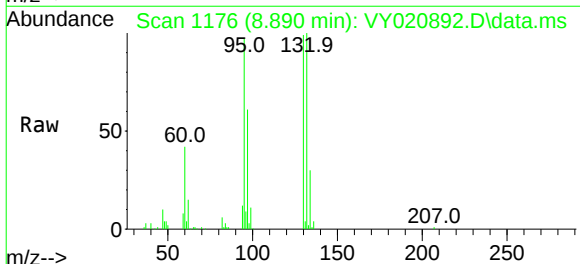
Acq: 22 Jan 2025 10:21

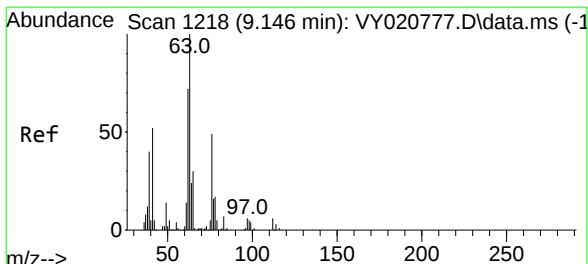
Tgt Ion:130 Resp: 41127

Ion Ratio Lower Upper

130 100

95 97.8 0.0 181.0

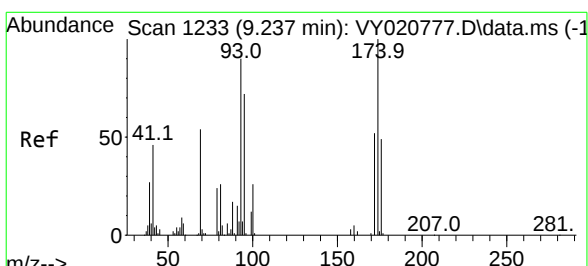
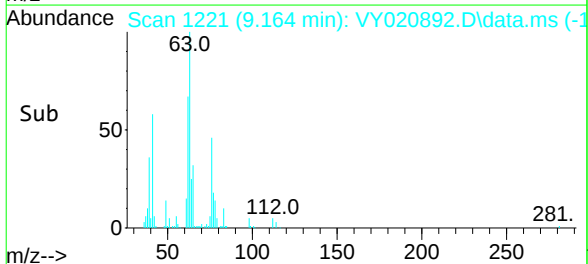
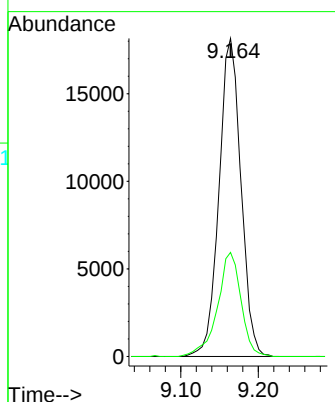
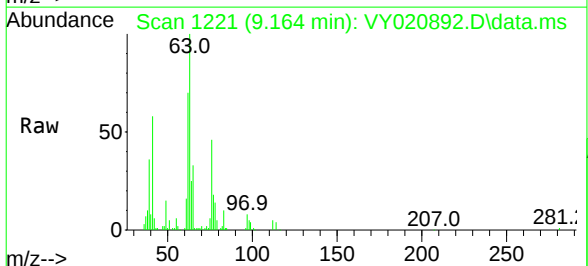




#45
 1,2-Dichloropropane
 Concen: 20.094 ug/l
 RT: 9.164 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: VY020892.D
 Acq: 22 Jan 2025 10:21

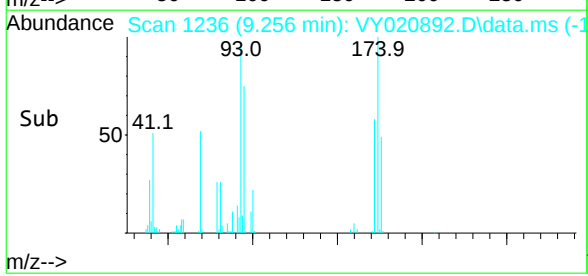
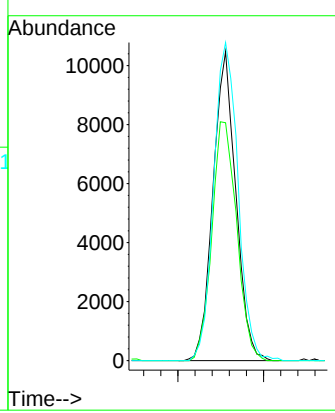
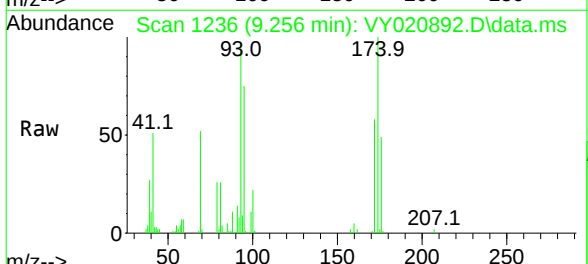
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

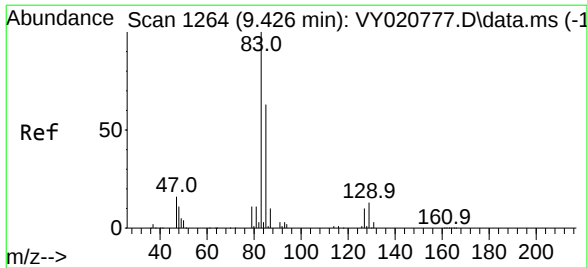
Tgt Ion:	63	Resp:	35611
Ion Ratio	Lower	Upper	
63	100		
65	32.7	24.2	36.4



#46
 Dibromomethane
 Concen: 19.048 ug/l
 RT: 9.256 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VY020892.D
 Acq: 22 Jan 2025 10:21

Tgt Ion:	93	Resp:	19385
Ion Ratio	Lower	Upper	
93	100		
95	83.8	68.2	102.4
174	109.9	89.0	133.6

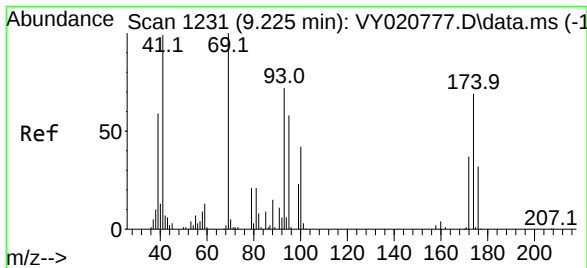
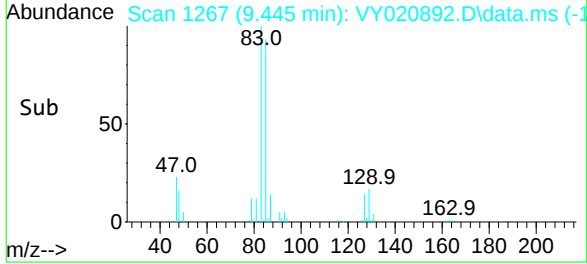
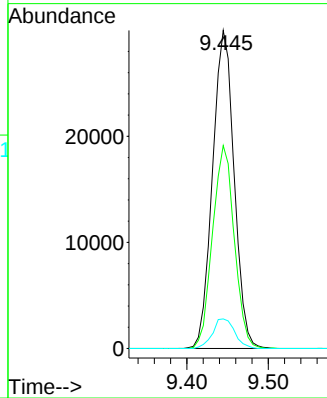
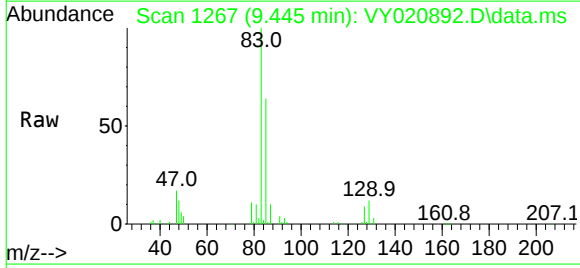




#47
Bromodichloromethane
Concen: 18.952 ug/l
RT: 9.445 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

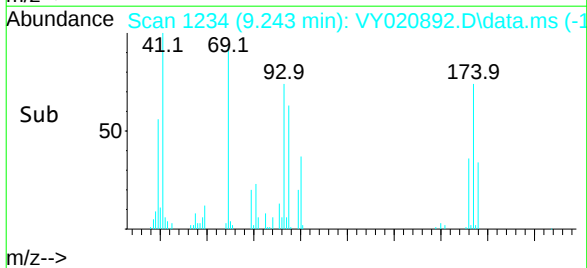
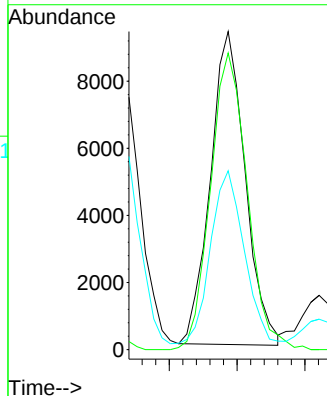
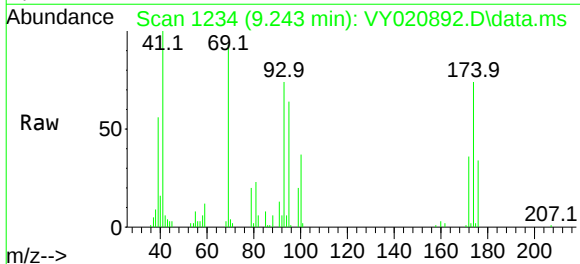
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

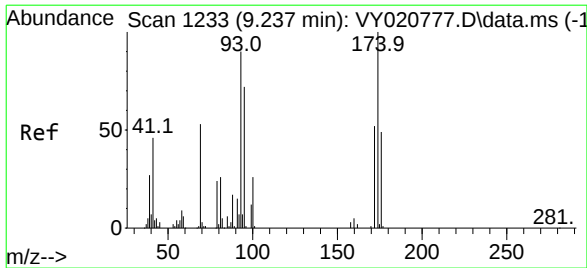
Tgt Ion: 83 Resp: 55237
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1
127 9.3 7.9 11.9



#48
Methyl methacrylate
Concen: 18.000 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 41 Resp: 16637
Ion Ratio Lower Upper
41 100
69 99.8 78.9 118.3
39 54.0 44.6 67.0





#49

1,4-Dioxane

Concen: 322.900 ug/l

RT: 9.268 min Scan# 12

Delta R.T. 0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

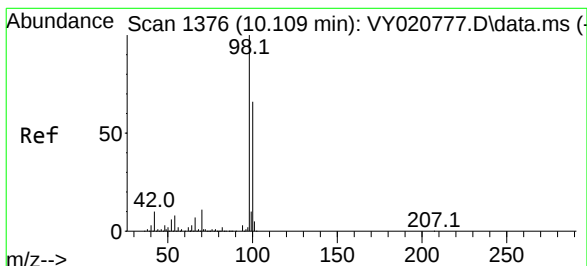
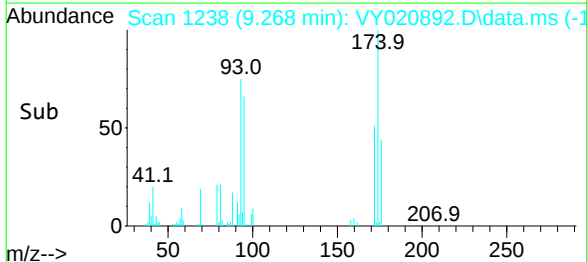
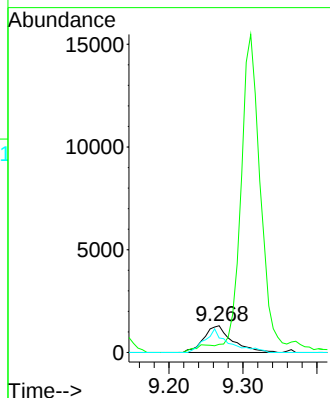
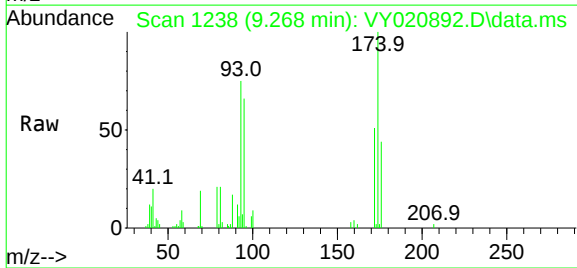
Tgt Ion: 88 Resp: 3489

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 74.0 51.0 76.6



#50

Toluene-d8

Concen: 54.502 ug/l

RT: 10.127 min Scan# 1379

Delta R.T. -0.006 min

Lab File: VY020892.D

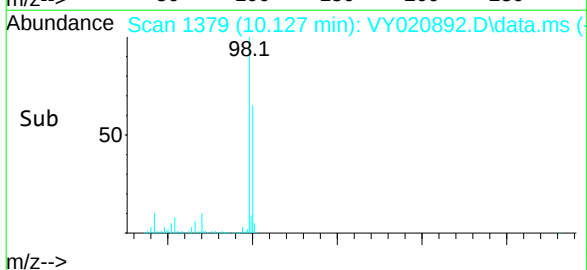
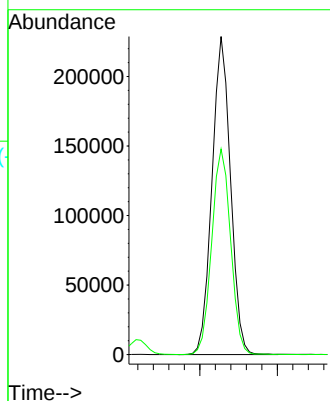
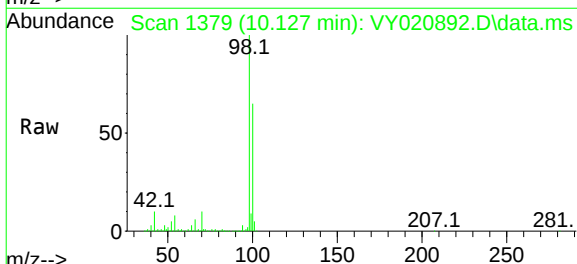
Acq: 22 Jan 2025 10:21

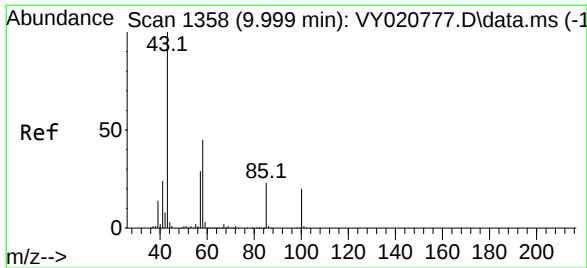
Tgt Ion: 98 Resp: 379416

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

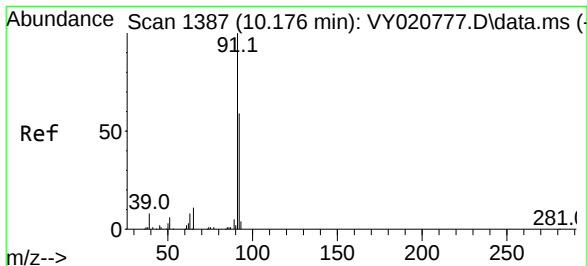
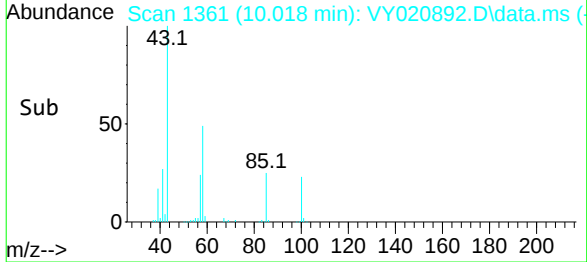
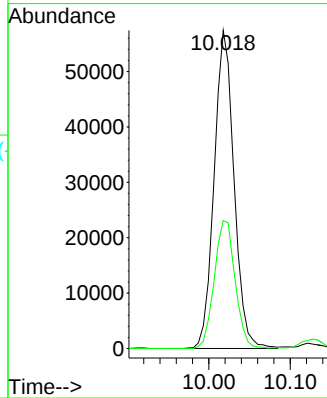
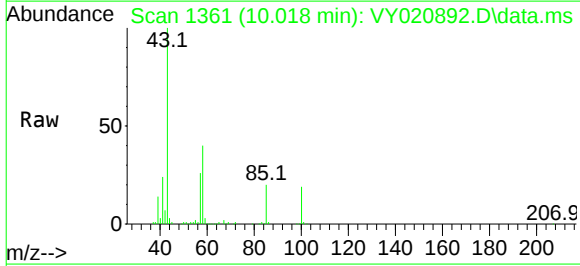




#51
4-Methyl-2-Pentanone
Concen: 94.563 ug/l
RT: 10.018 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

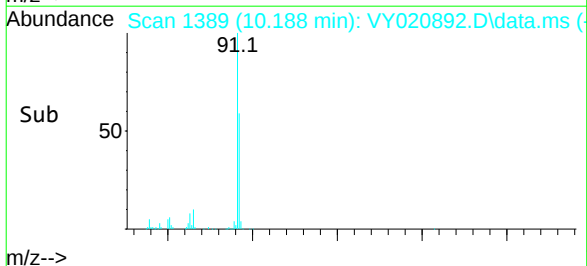
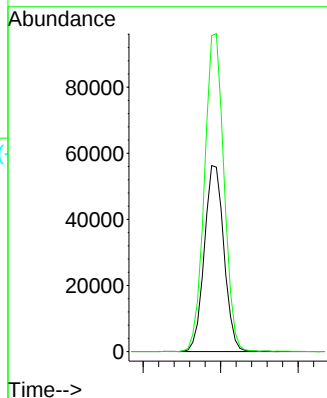
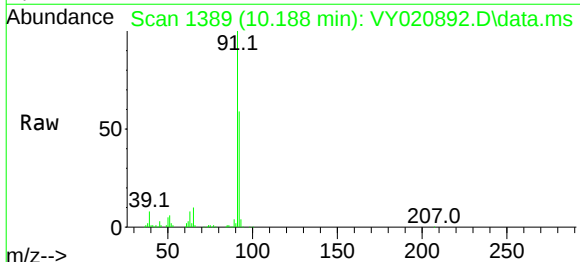
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

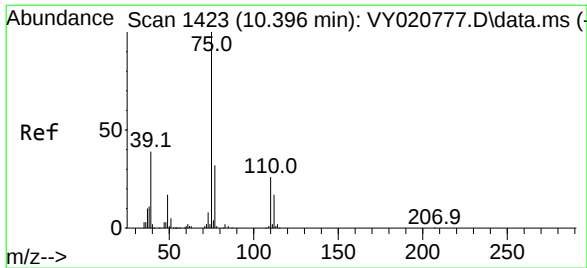
Tgt Ion: 43 Resp: 97400
Ion Ratio Lower Upper
43 100
58 42.2 34.8 52.2



#52
Toluene
Concen: 19.132 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 92 Resp: 99044
Ion Ratio Lower Upper
92 100
91 170.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 18.264 ug/l

RT: 10.414 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

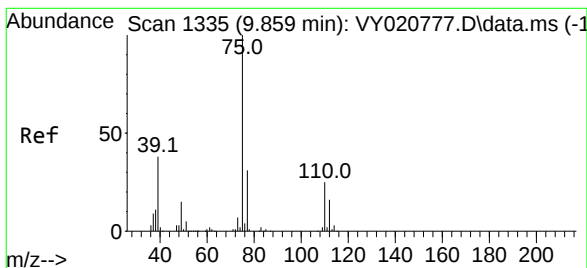
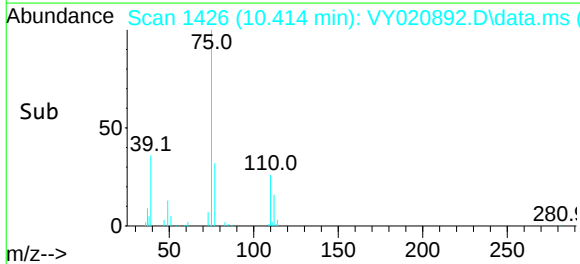
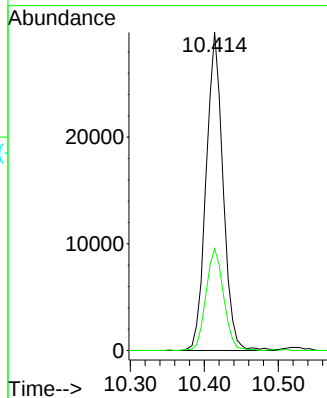
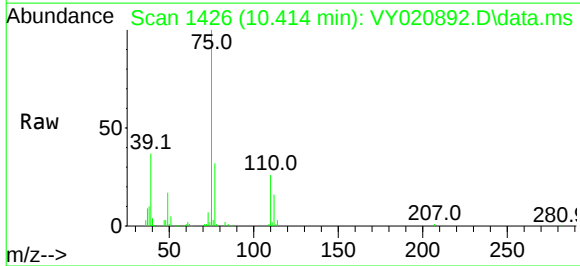
VY0122SBS01

Tgt Ion: 75 Resp: 47346

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.631 ug/l

RT: 9.877 min Scan# 1338

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

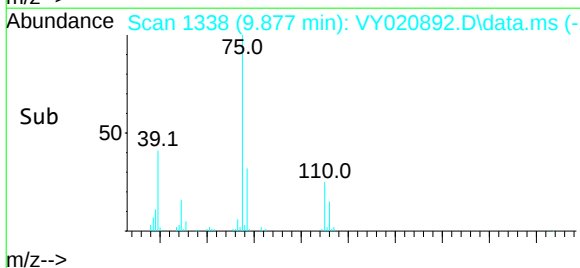
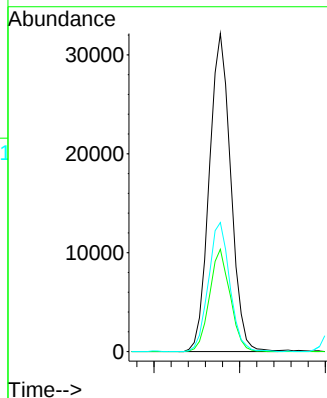
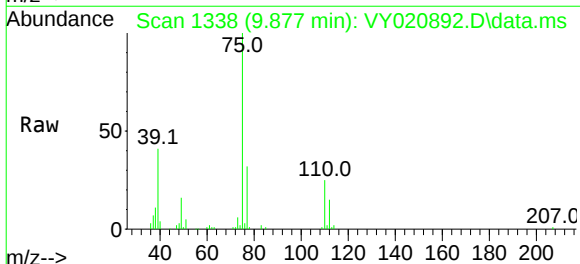
Tgt Ion: 75 Resp: 56091

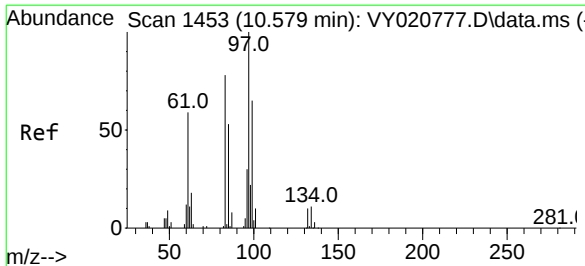
Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7

39 40.6 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 19.452 ug/l

RT: 10.591 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020892.D

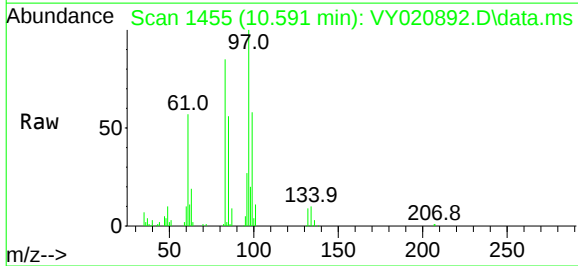
Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01



Tgt Ion: 97 Resp: 28281

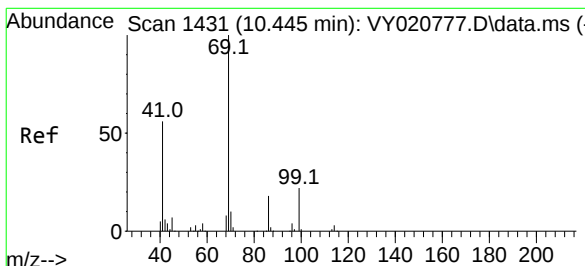
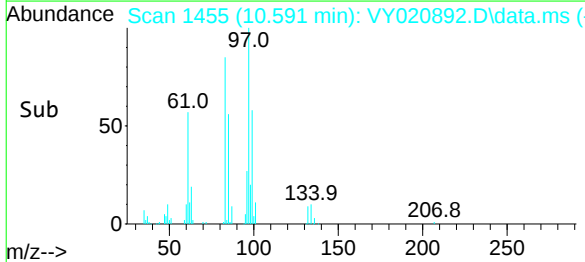
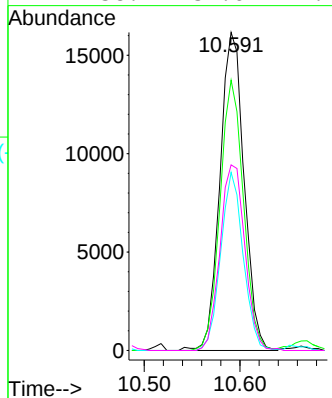
Ion Ratio Lower Upper

97 100

83 85.0 62.8 94.2

85 56.0 42.4 63.6

99 58.4 51.6 77.4



#56

Ethyl methacrylate

Concen: 18.029 ug/l

RT: 10.457 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

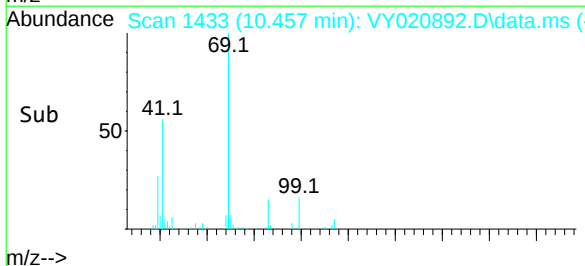
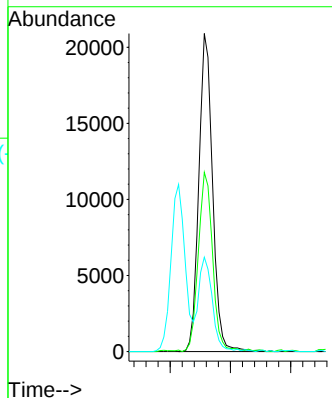
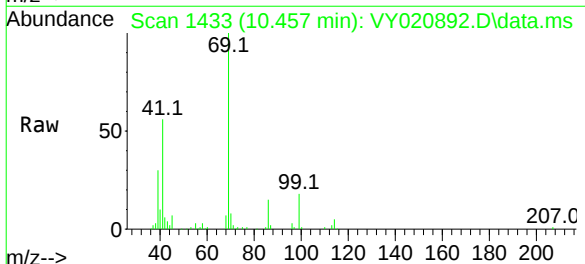
Tgt Ion: 69 Resp: 33104

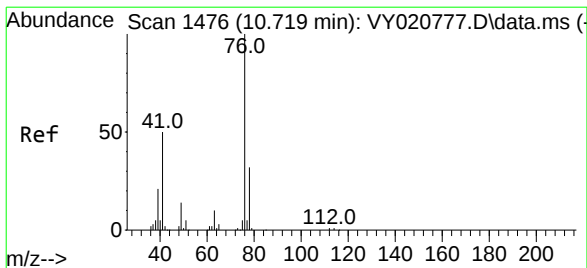
Ion Ratio Lower Upper

69 100

41 58.5 46.6 69.8

39 29.9 25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.319 ug/l

RT: 10.737 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

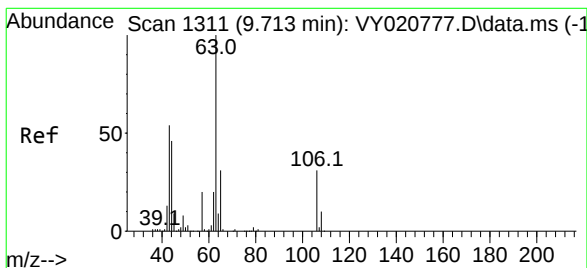
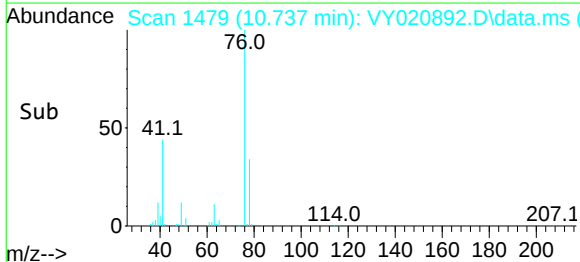
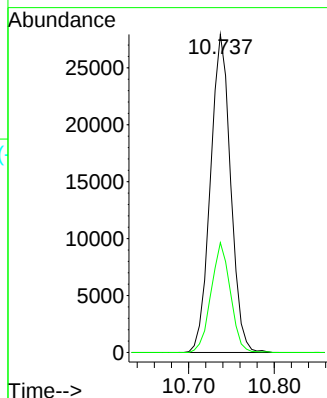
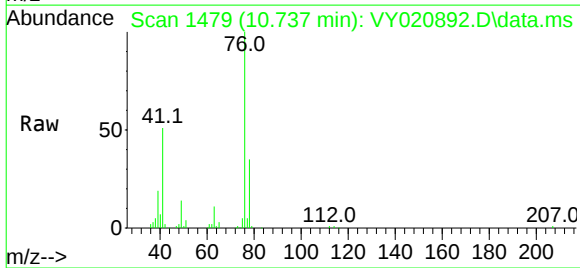
VY0122SBS01

Tgt Ion: 76 Resp: 45785

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 80.537 ug/l

RT: 9.731 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VY020892.D

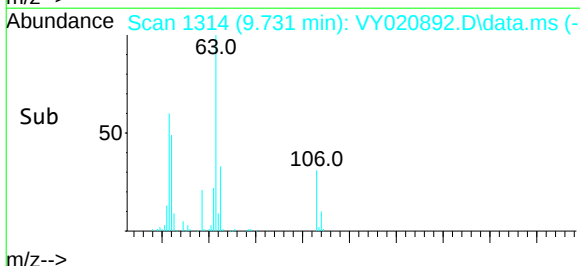
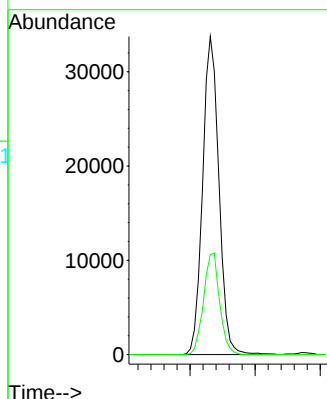
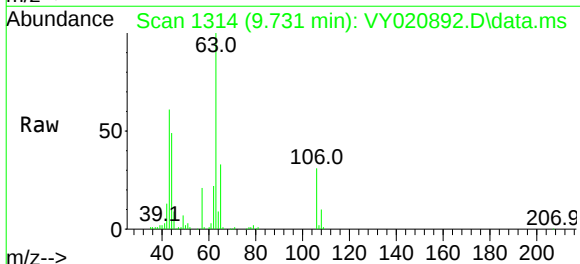
Acq: 22 Jan 2025 10:21

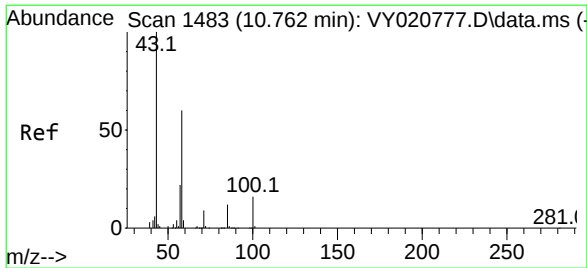
Tgt Ion: 63 Resp: 58665

Ion Ratio Lower Upper

63 100

106 31.5 25.9 38.9





#59

2-Hexanone

Concen: 90.768 ug/l

RT: 10.780 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

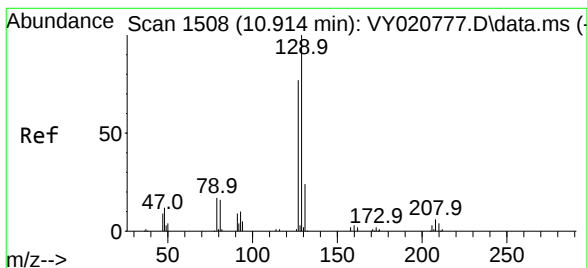
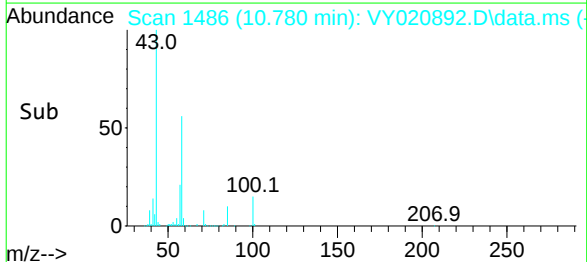
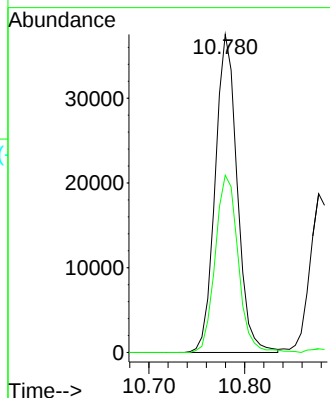
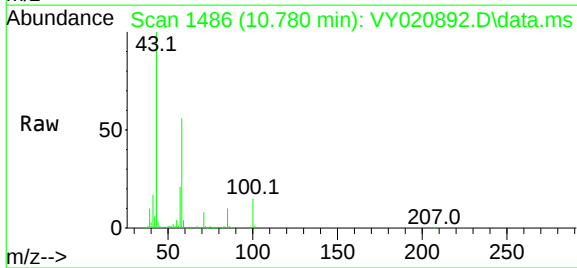
VY0122SBS01

Tgt Ion: 43 Resp: 59979

Ion Ratio Lower Upper

43 100

58 58.0 30.6 92.0



#60

Dibromochloromethane

Concen: 18.918 ug/l

RT: 10.932 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VY020892.D

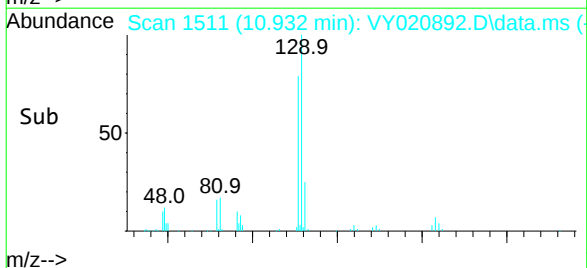
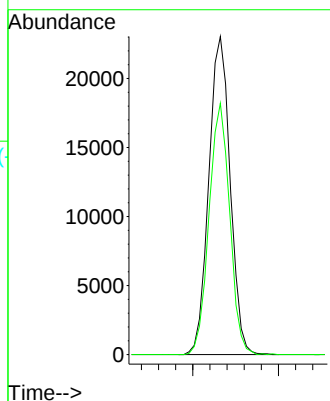
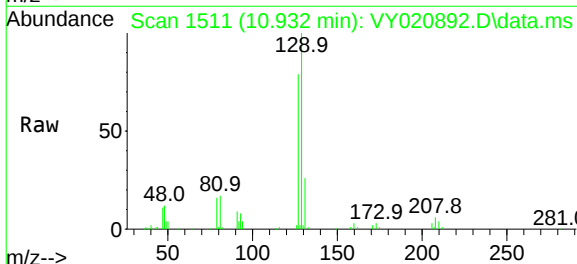
Acq: 22 Jan 2025 10:21

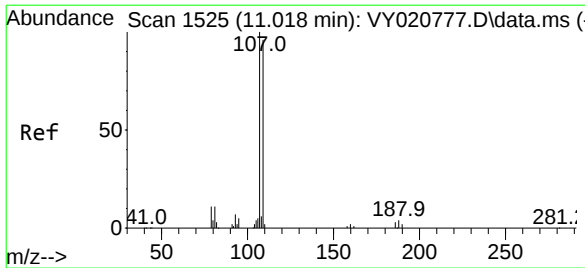
Tgt Ion: 129 Resp: 39891

Ion Ratio Lower Upper

129 100

127 76.3 38.3 114.9

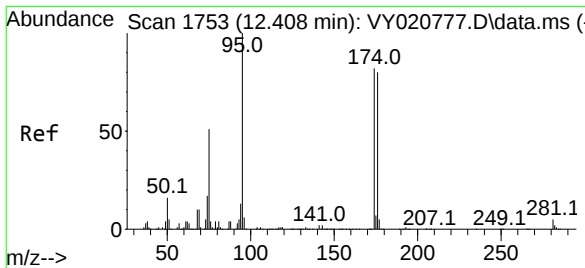
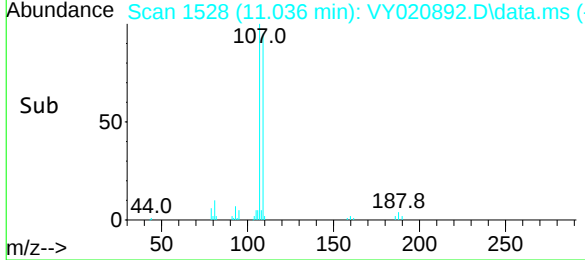
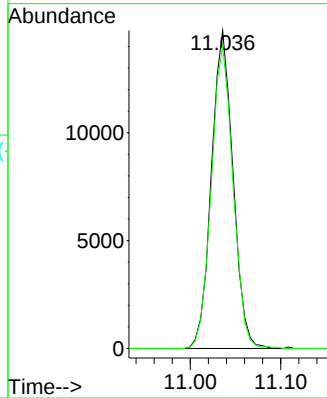
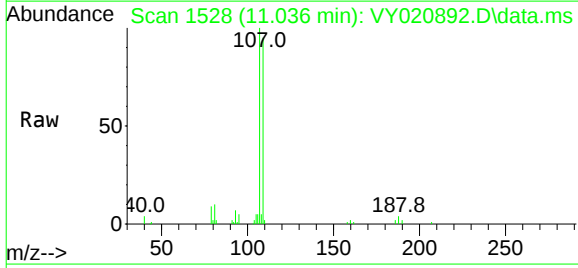




#61
1,2-Dibromoethane
Concen: 18.746 ug/l
RT: 11.036 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

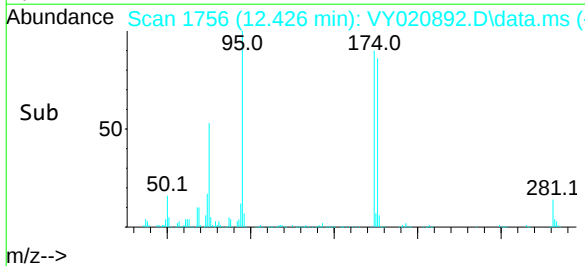
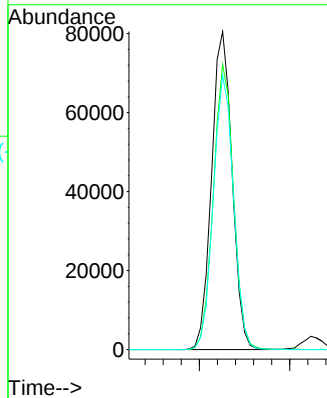
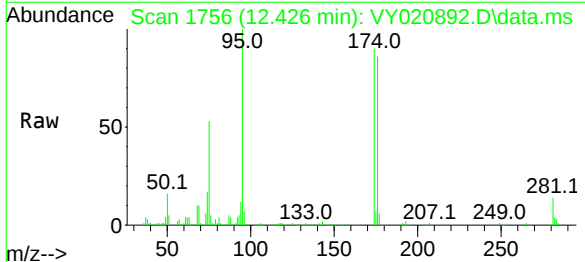
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

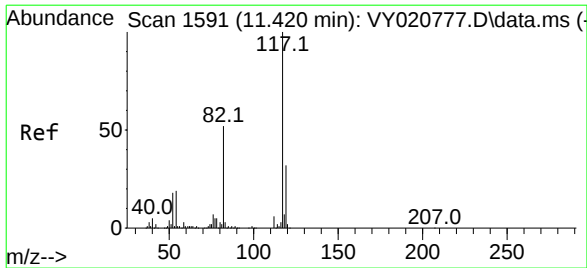
Tgt Ion:107 Resp: 24468
Ion Ratio Lower Upper
107 100
109 95.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.284 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion: 95 Resp: 126699
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.0
176 85.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.438 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

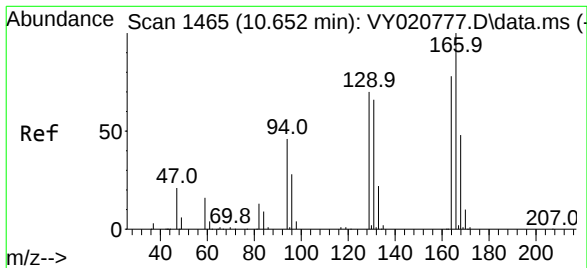
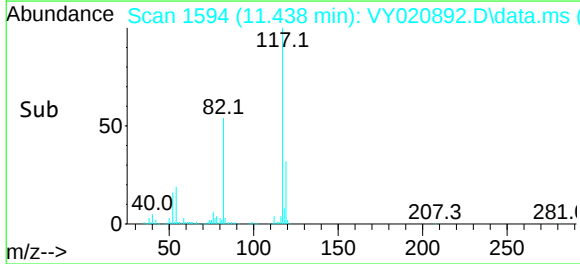
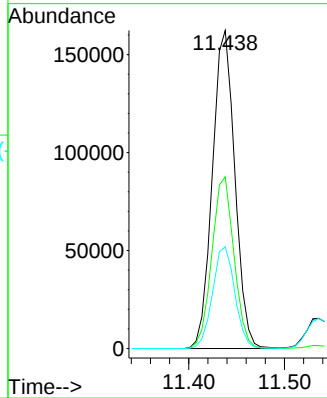
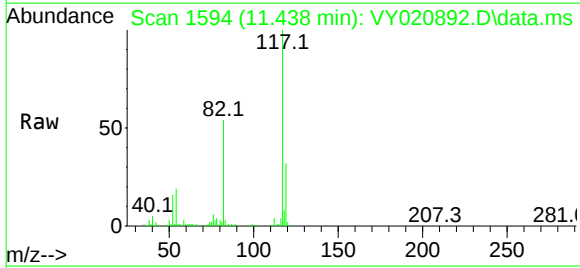
Tgt Ion:117 Resp: 264694

Ion Ratio Lower Upper

117 100

82 54.0 41.8 62.6

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 18.767 ug/l

RT: 10.670 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion:164 Resp: 36522

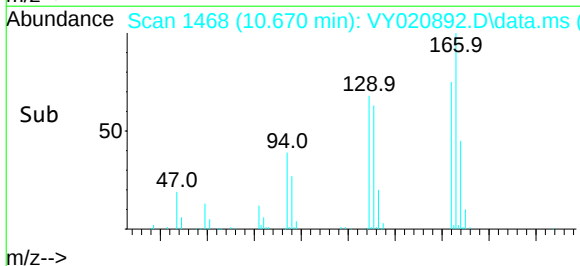
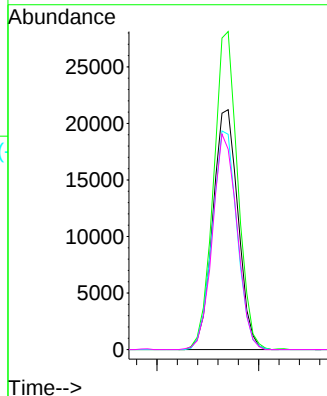
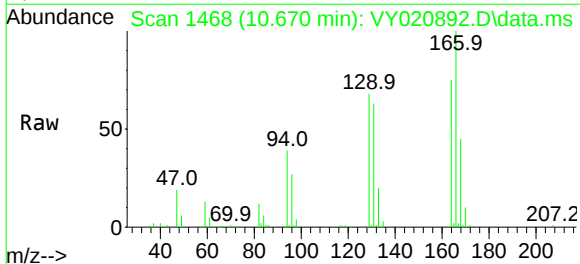
Ion Ratio Lower Upper

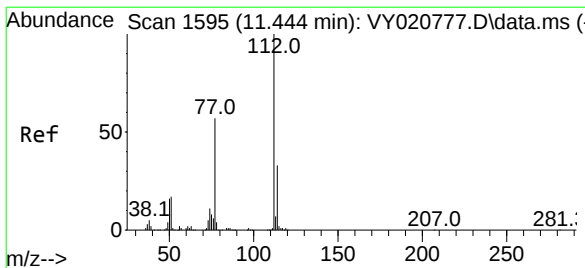
164 100

166 132.6 102.0 153.0

129 89.7 71.4 107.2

131 83.5 67.8 101.6





#65

Chlorobenzene

Concen: 18.826 ug/l

RT: 11.463 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

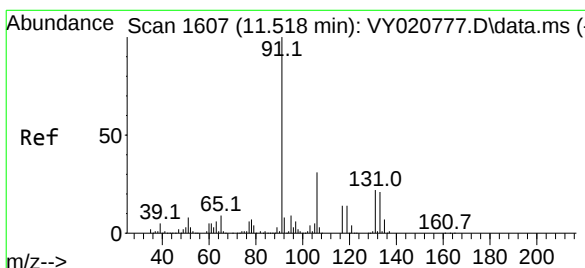
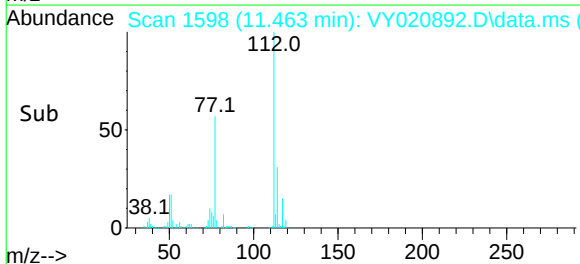
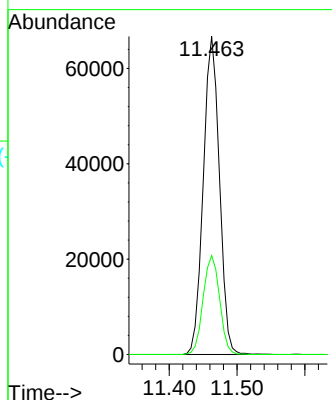
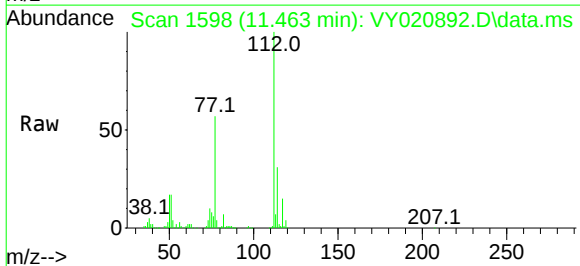
VY0122SBS01

Tgt Ion:112 Resp: 110175

Ion Ratio Lower Upper

112 100

114 31.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.826 ug/l

RT: 11.536 min Scan# 1610

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

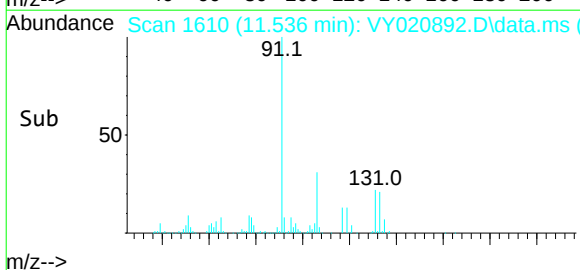
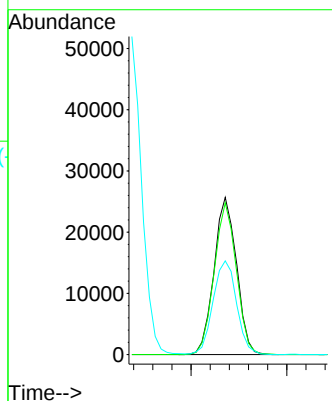
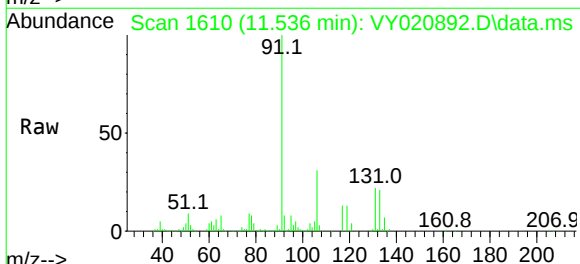
Tgt Ion:131 Resp: 41942

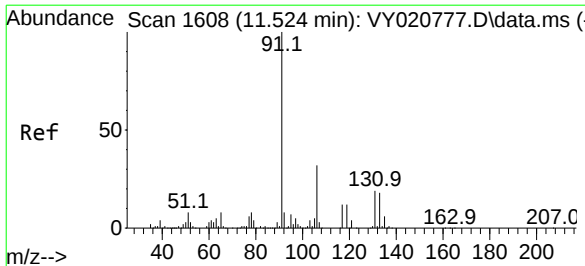
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 62.4 30.2 90.6





#67

Ethyl Benzene

Concen: 18.618 ug/l

RT: 11.536 min Scan# 16

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

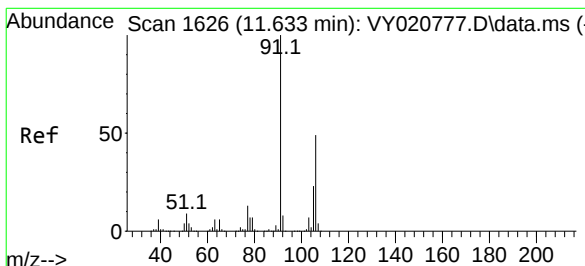
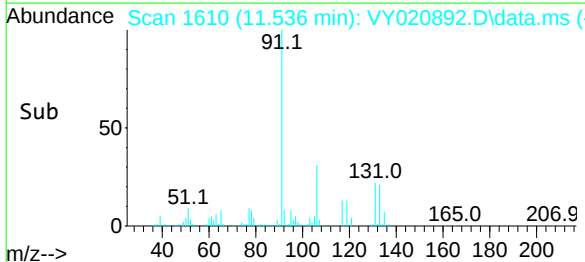
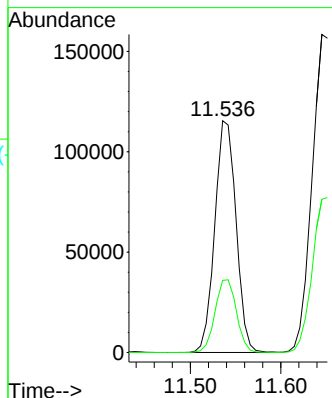
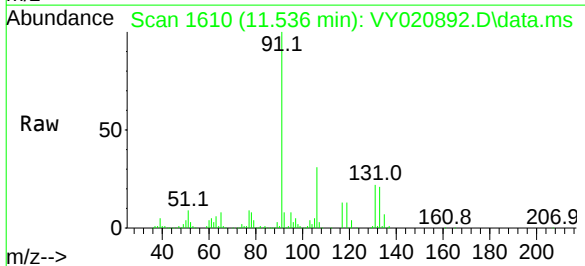
VY0122SBS01

Tgt Ion: 91 Resp: 188645

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 37.071 ug/l

RT: 11.652 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VY020892.D

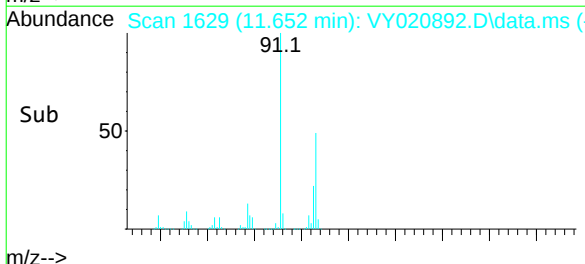
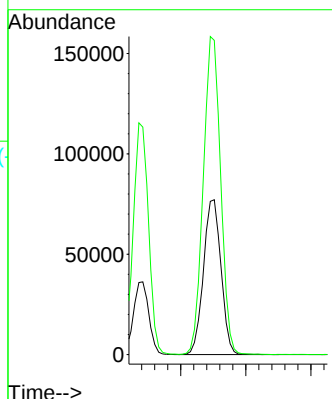
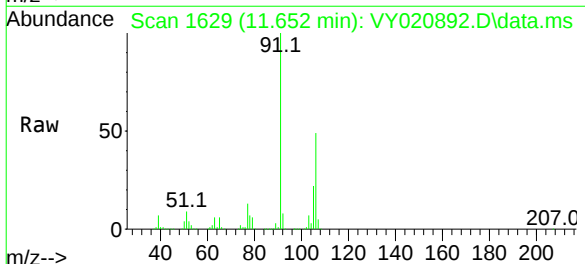
Acq: 22 Jan 2025 10:21

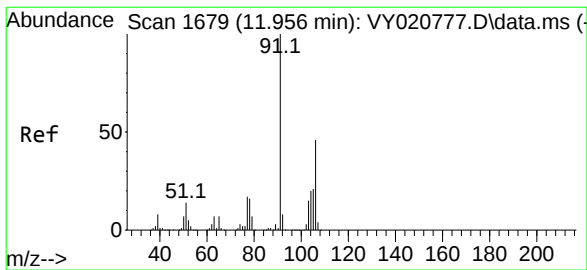
Tgt Ion:106 Resp: 144619

Ion Ratio Lower Upper

106 100

91 203.3 162.6 243.8





#69

o-Xylene

Concen: 18.511 ug/l

RT: 11.975 min Scan# 16

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

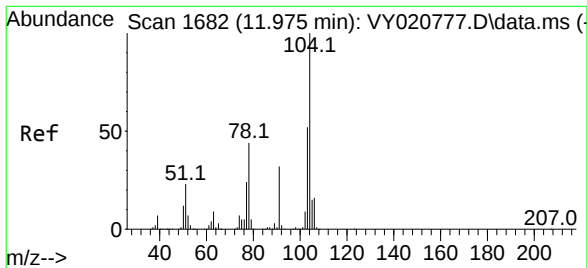
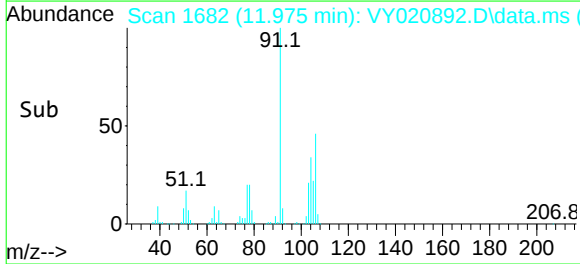
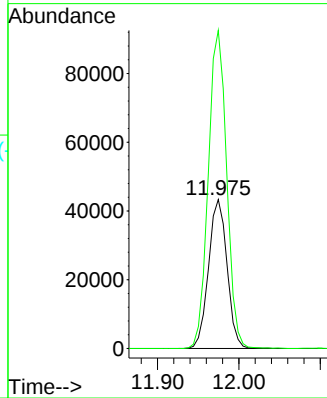
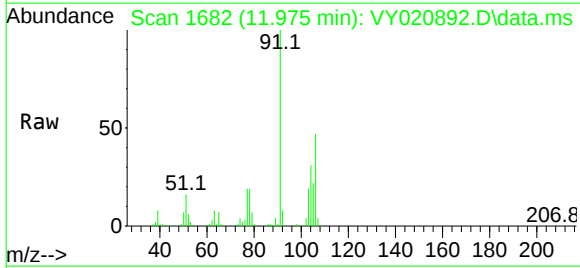
VY0122SBS01

Tgt Ion:106 Resp: 68470

Ion Ratio Lower Upper

106 100

91 212.2 108.2 324.6



#70

Styrene

Concen: 18.532 ug/l

RT: 11.987 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

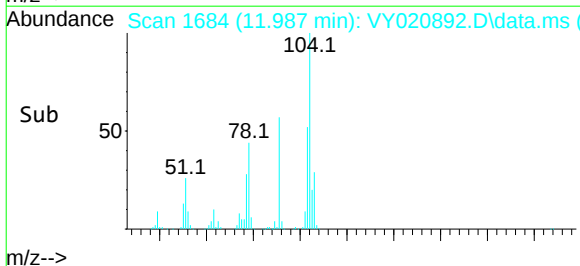
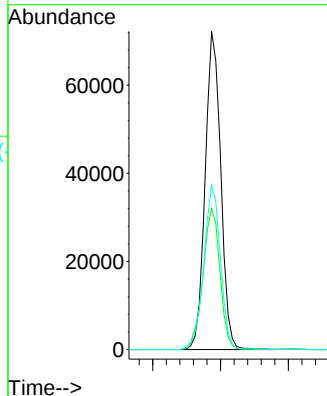
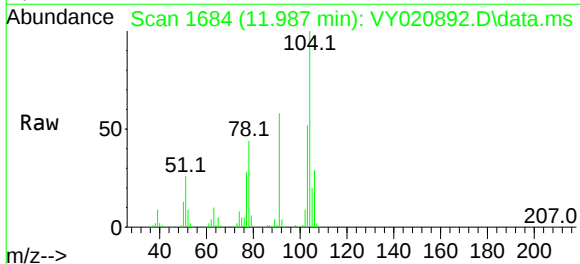
Tgt Ion:104 Resp: 115385

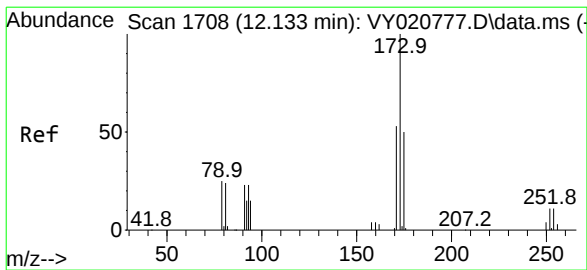
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 55.0 44.0 66.0





#71

Bromoform

Concen: 17.982 ug/l

RT: 12.151 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

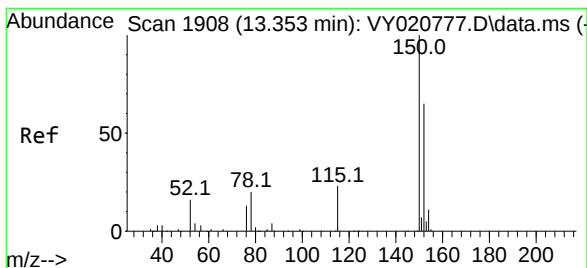
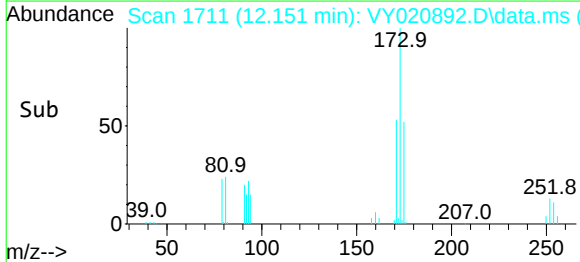
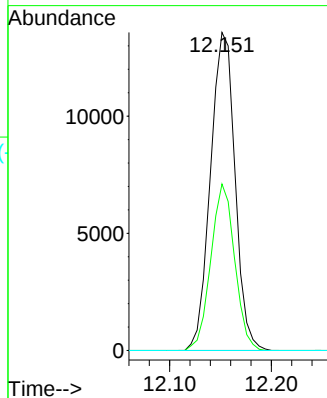
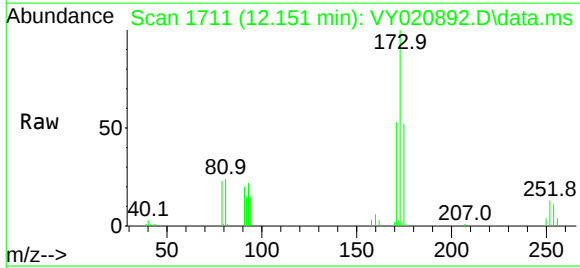
Tgt Ion:173 Resp: 22775

Ion Ratio Lower Upper

173 100

175 50.9 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

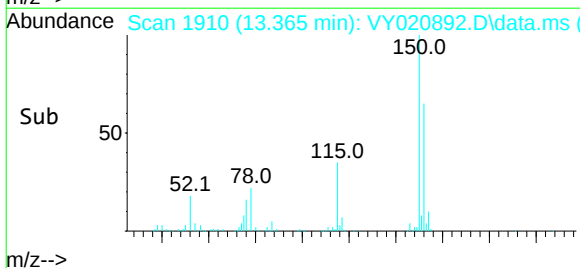
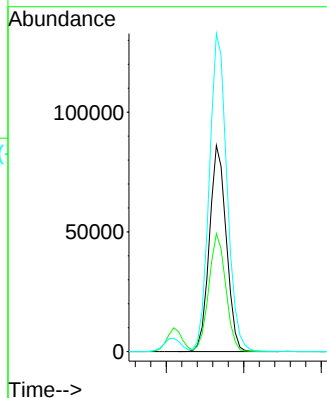
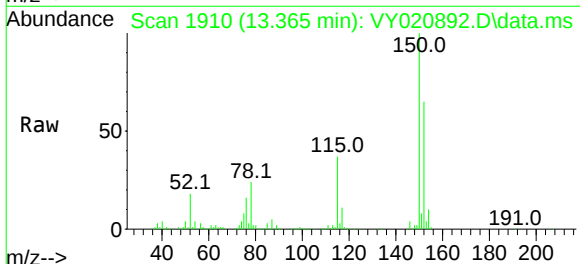
Tgt Ion:152 Resp: 130028

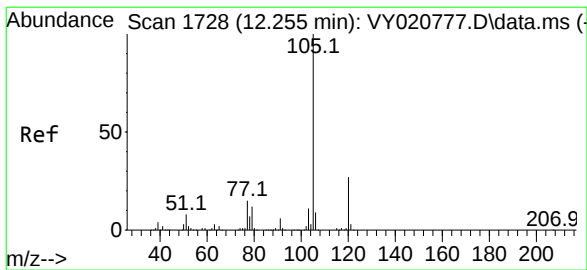
Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 162.3 0.0 347.4





#73

Isopropylbenzene

Concen: 18.415 ug/l

RT: 12.273 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

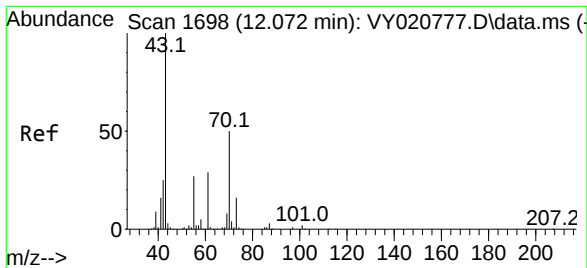
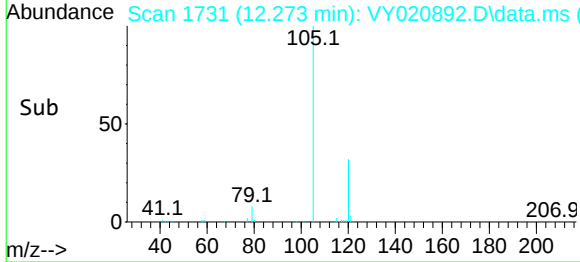
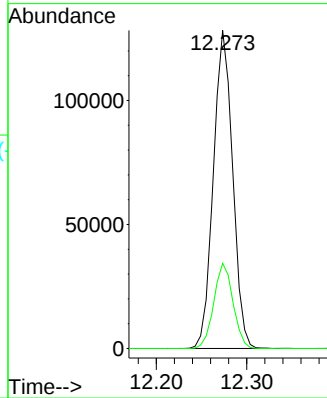
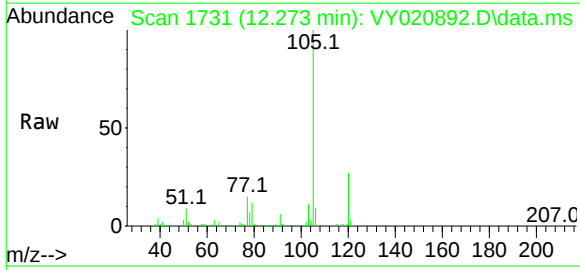
VY0122SBS01

Tgt Ion:105 Resp: 189963

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.600 ug/l

RT: 12.090 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion: 43 Resp: 29697

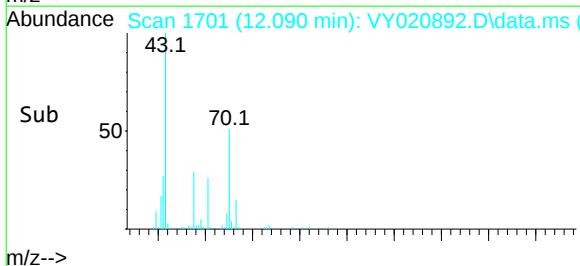
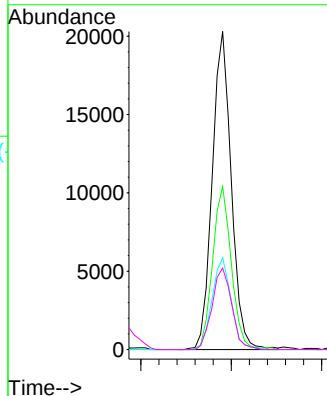
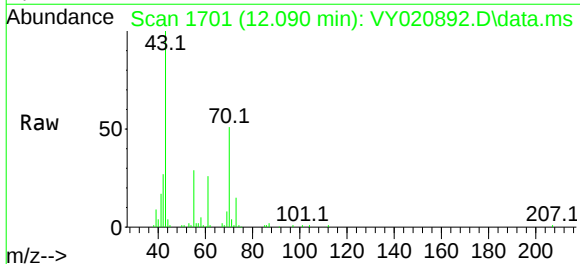
Ion Ratio Lower Upper

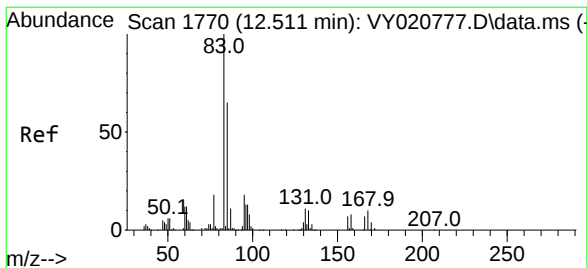
43 100

70 50.3 40.2 60.4

55 29.0 21.2 31.8

61 26.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.608 ug/l

RT: 12.523 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

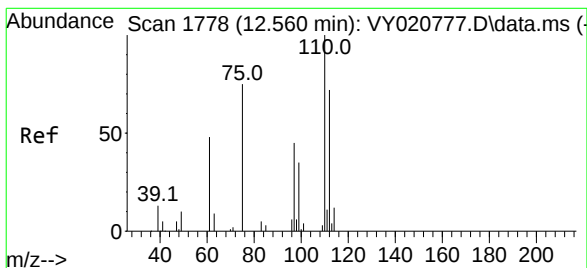
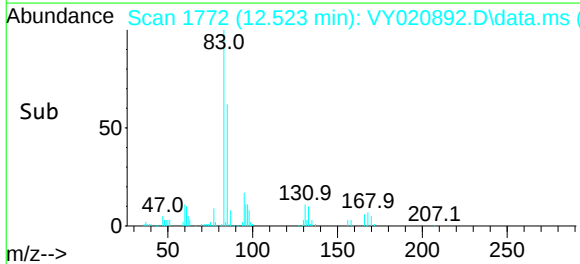
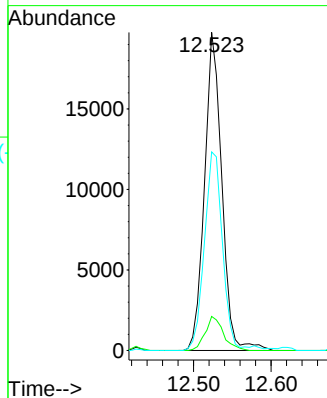
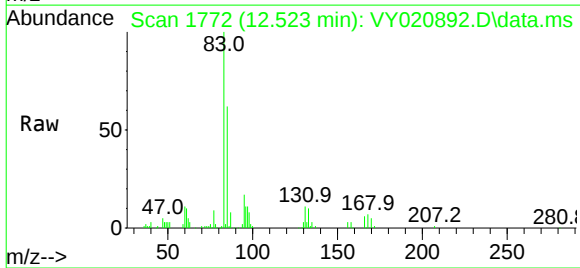
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion: 83	Resp: 30656
Ion Ratio	Lower Upper
83 100	
131 11.2	6.0 18.0
85 65.3	32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 19.414 ug/l m

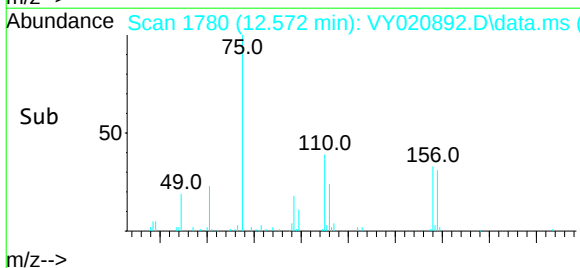
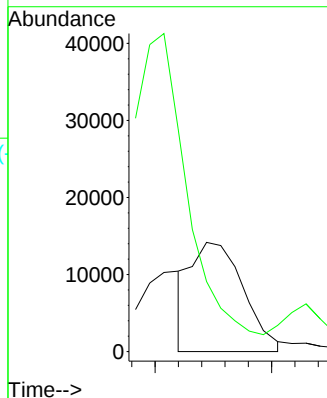
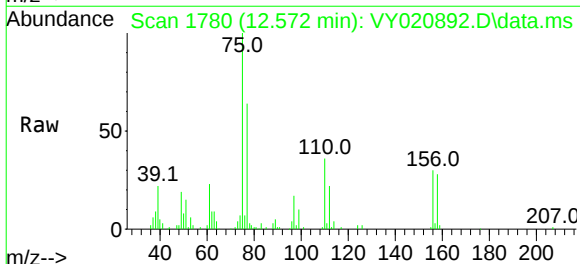
RT: 12.572 min Scan# 1780

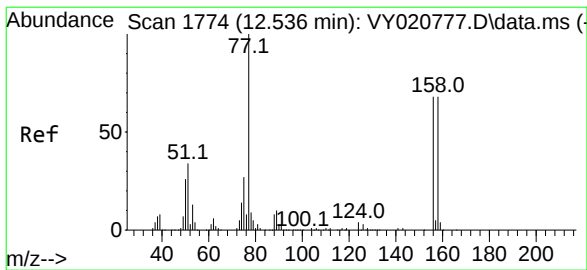
Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion: 75	Resp: 22088
Ion Ratio	Lower Upper
75 100	
77 337.1	0.0 0.0#





#77

Bromobenzene

Concen: 18.199 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

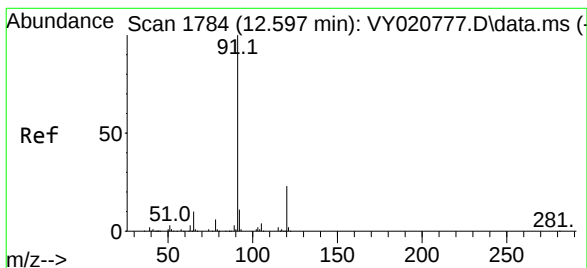
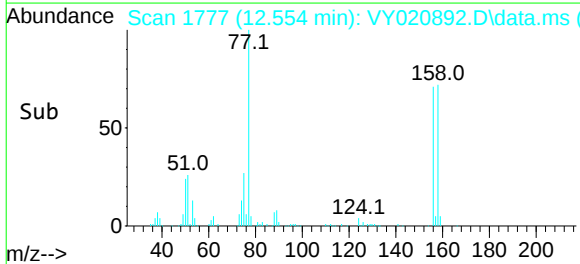
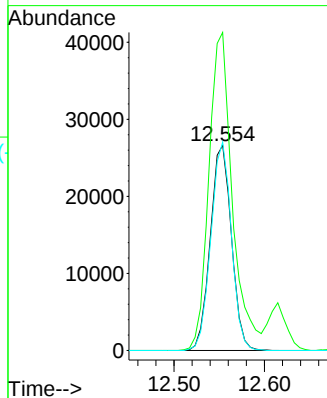
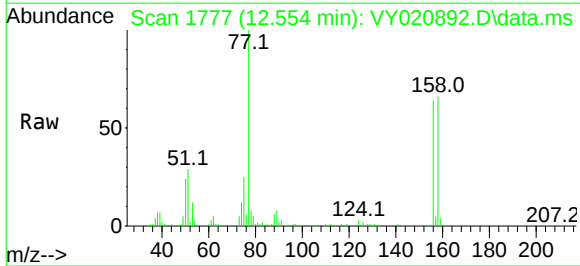
Tgt Ion:156 Resp: 43282

Ion Ratio Lower Upper

156 100

77 172.0 82.3 247.0

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 19.174 ug/l

RT: 12.615 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VY020892.D

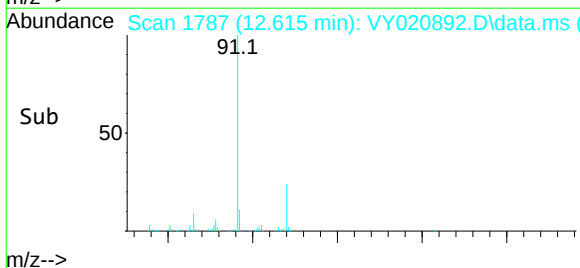
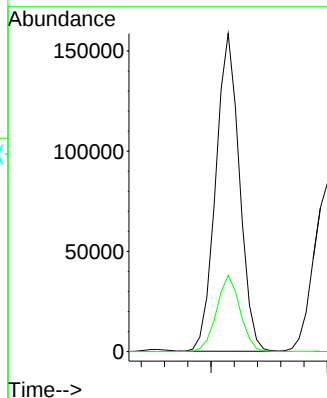
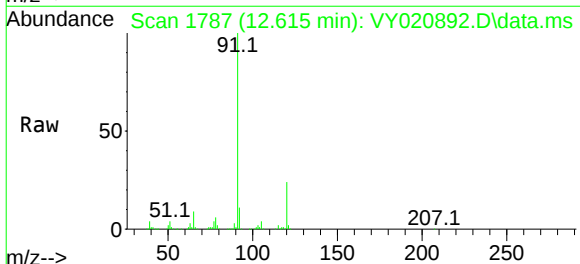
Acq: 22 Jan 2025 10:21

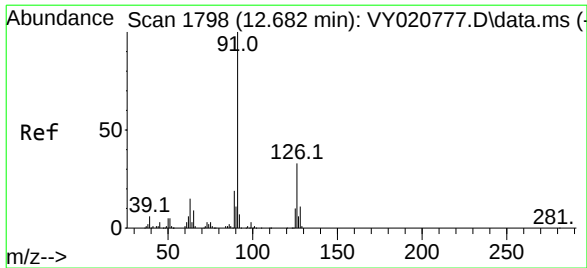
Tgt Ion: 91 Resp: 224498

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1





#79

2-Chlorotoluene

Concen: 18.843 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

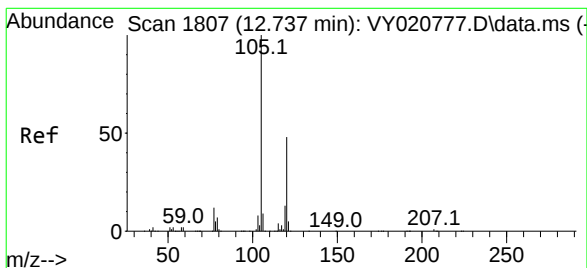
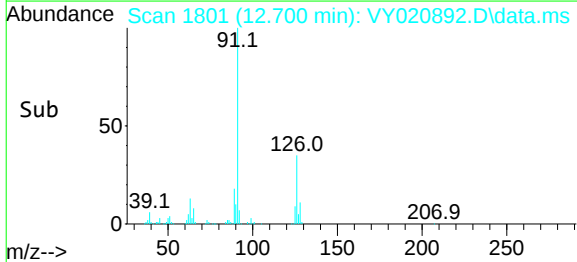
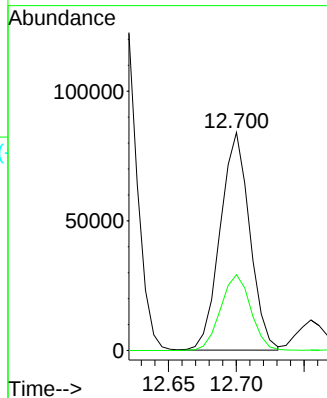
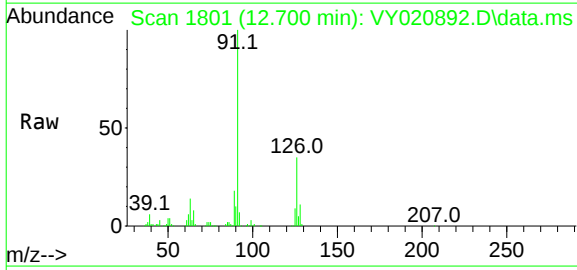
VY0122SBS01

Tgt Ion: 91 Resp: 127046

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 18.743 ug/l

RT: 12.755 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020892.D

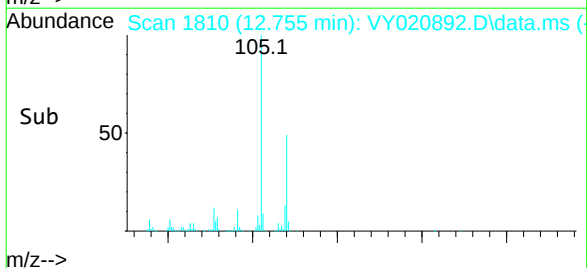
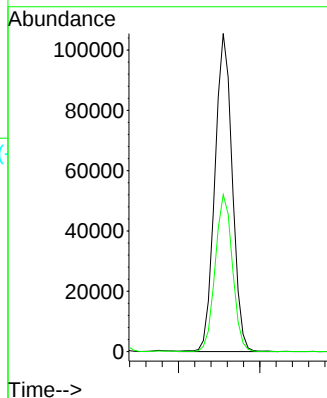
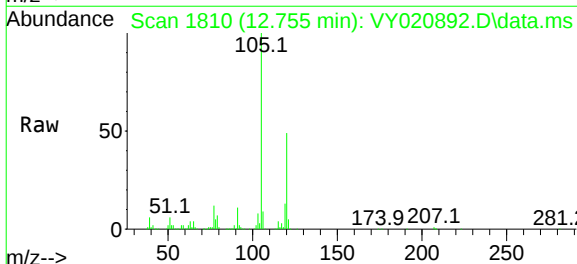
Acq: 22 Jan 2025 10:21

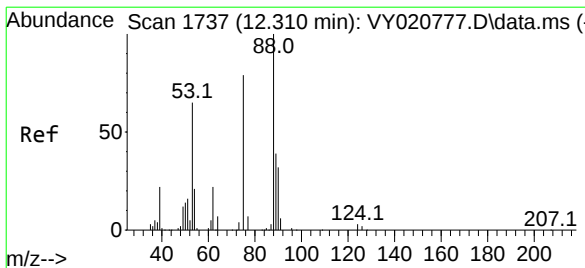
Tgt Ion:105 Resp: 156687

Ion Ratio Lower Upper

105 100

120 48.8 24.5 73.5

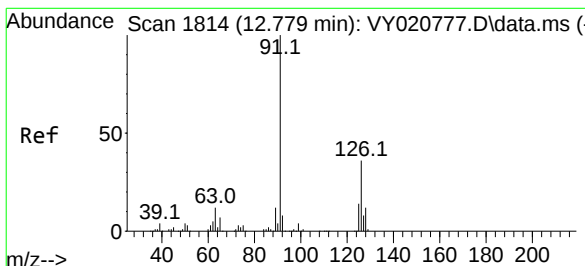
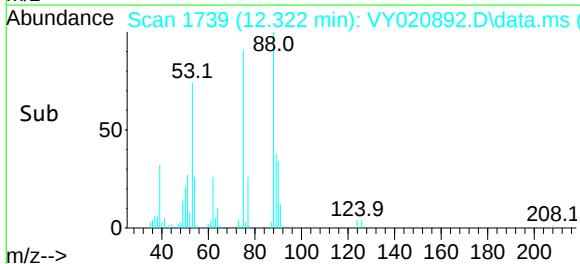
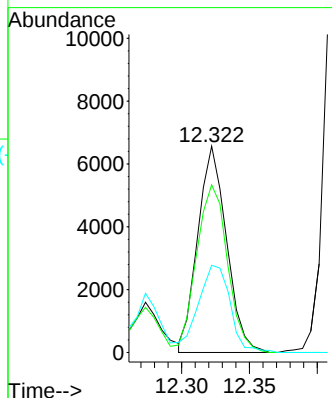
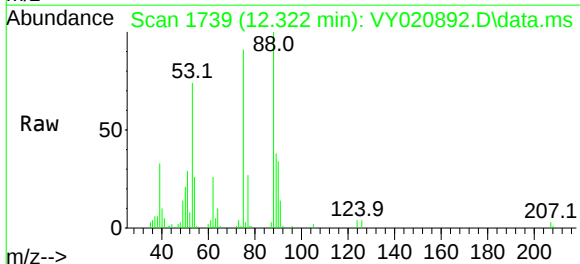




#81
trans-1,4-Dichloro-2-butene
Concen: 17.964 ug/l
RT: 12.322 min Scan# 1739
Delta R.T. -0.006 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

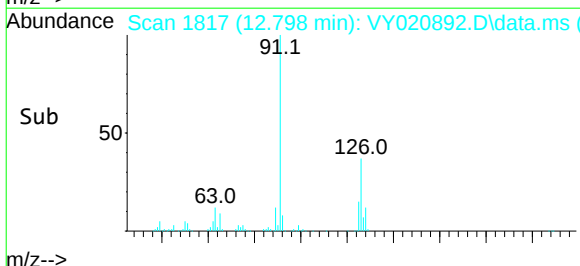
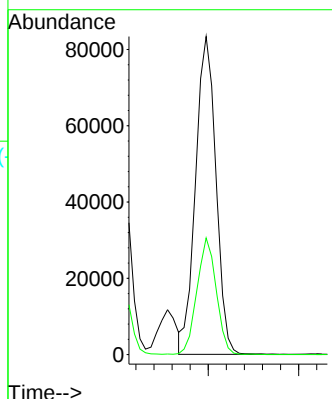
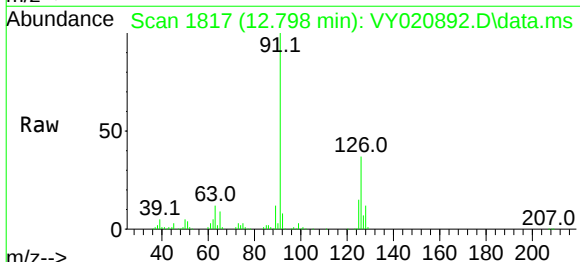
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBS01

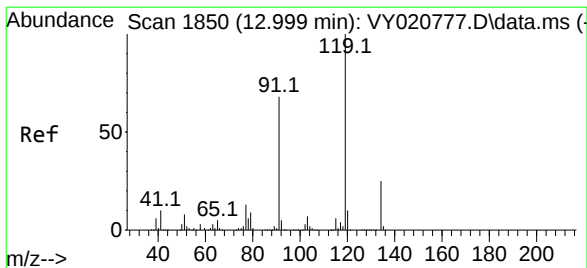
Tgt Ion:	75	Resp:	9693
Ion	Ratio	Lower	Upper
75	100		
53	88.0	69.4	104.0
89	47.5	39.6	59.4



#82
4-Chlorotoluene
Concen: 18.698 ug/l
RT: 12.798 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VY020892.D
Acq: 22 Jan 2025 10:21

Tgt Ion:	91	Resp:	130103
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7





#83

tert-Butylbenzene

Concen: 18.621 ug/l

RT: 13.017 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

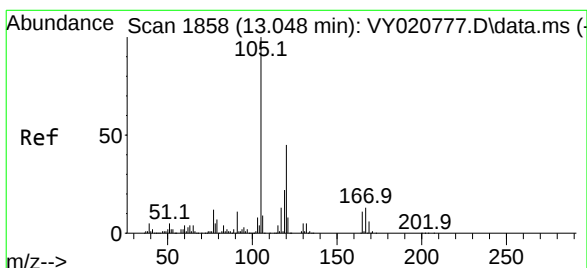
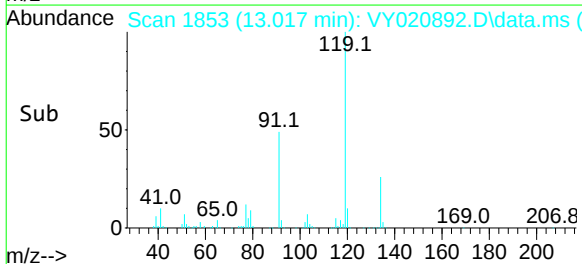
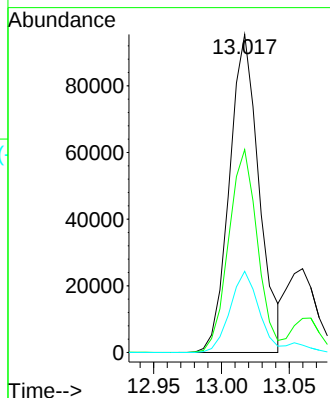
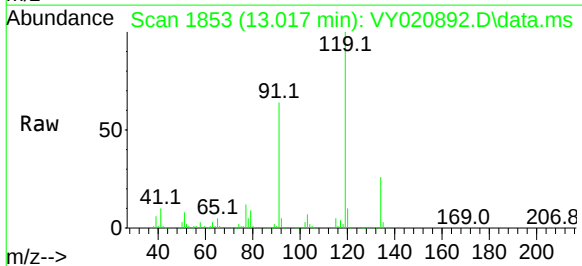
Tgt Ion:119 Resp: 145596

Ion Ratio Lower Upper

119 100

91 61.9 33.0 98.9

134 25.0 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 18.396 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VY020892.D

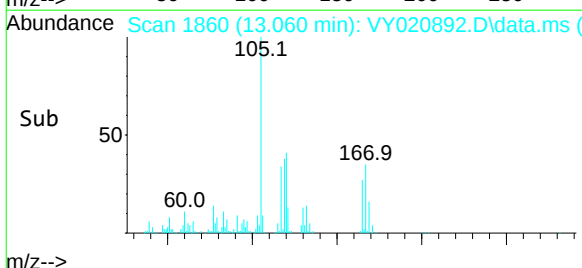
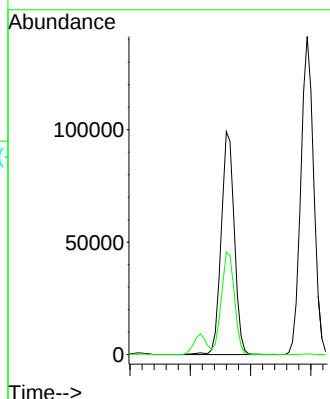
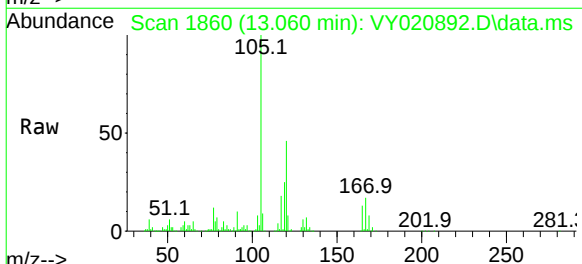
Acq: 22 Jan 2025 10:21

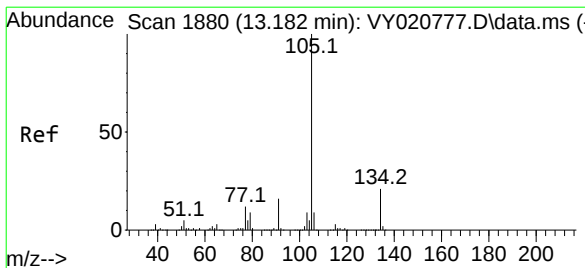
Tgt Ion:105 Resp: 150180

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 19.093 ug/l

RT: 13.194 min Scan# 18

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

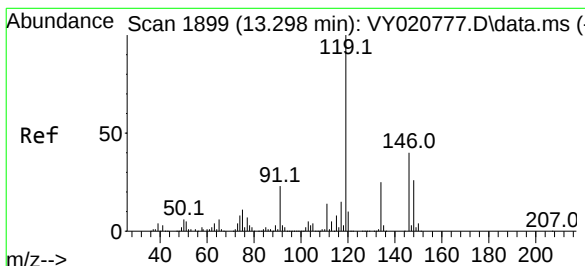
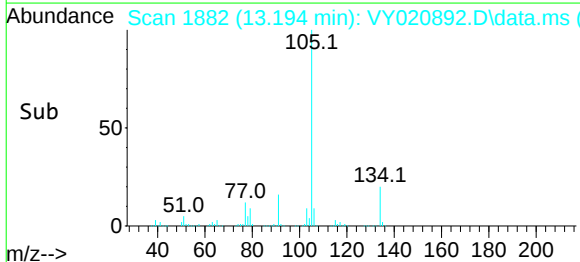
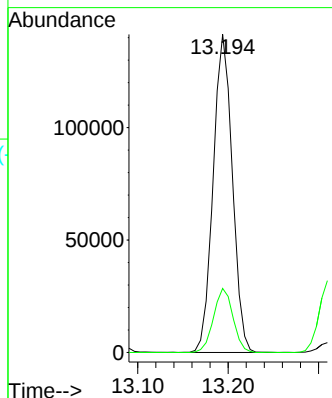
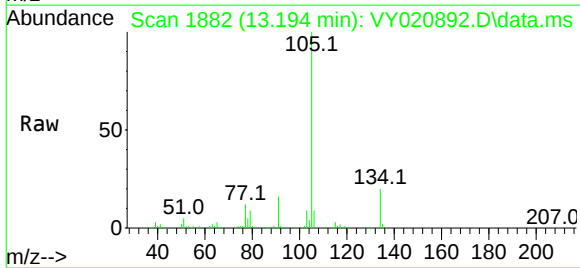
VY0122SBS01

Tgt Ion:105 Resp: 208524

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 18.623 ug/l

RT: 13.310 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

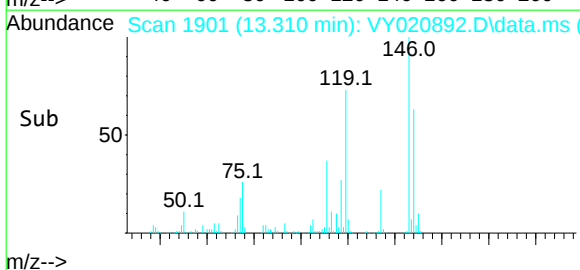
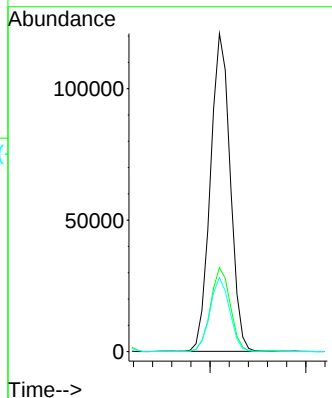
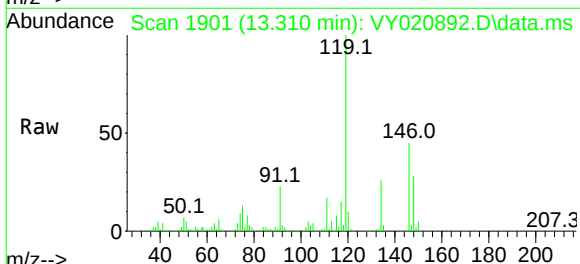
Tgt Ion:119 Resp: 173499

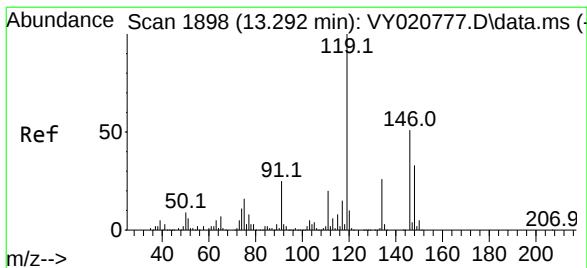
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.611 ug/l

RT: 13.310 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

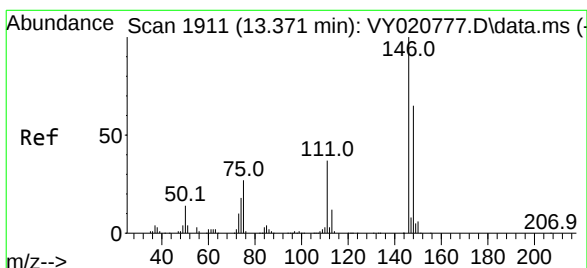
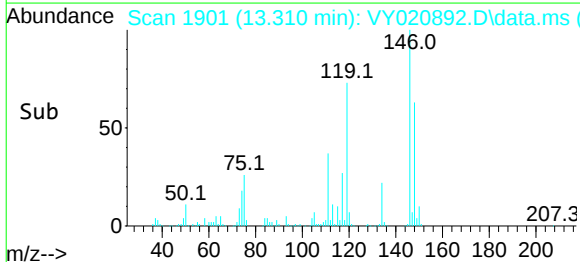
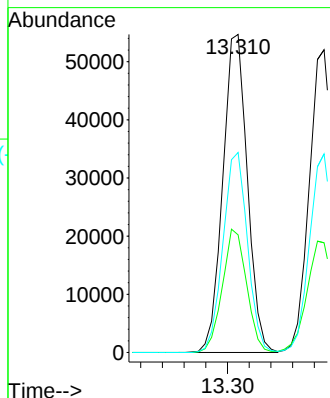
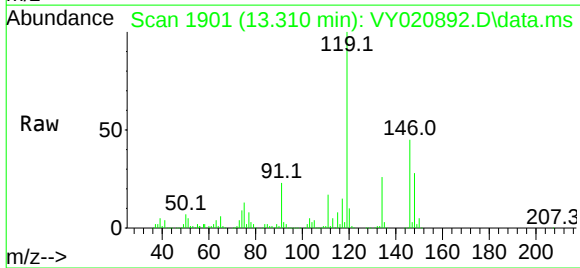
Tgt Ion:146 Resp: 86002

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 62.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.338 ug/l

RT: 13.389 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

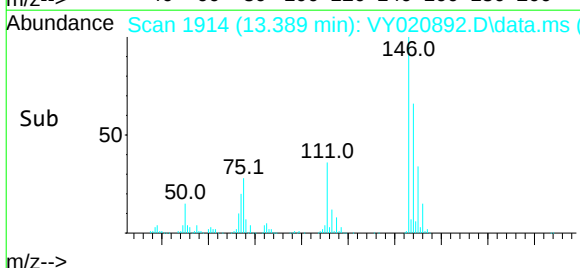
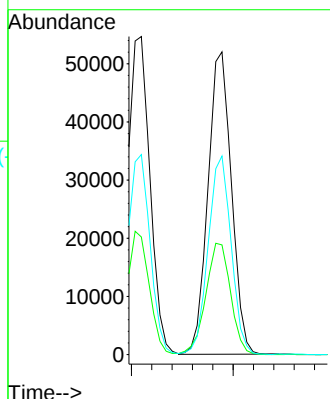
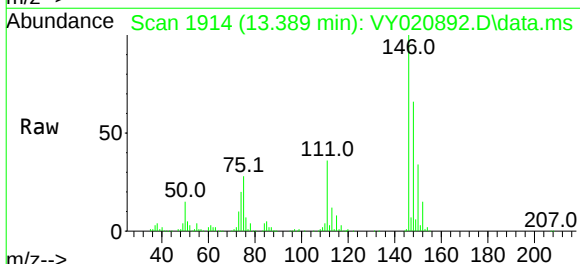
Tgt Ion:146 Resp: 83415

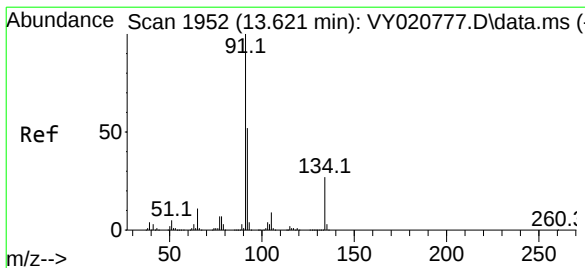
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 18.889 ug/l

RT: 13.639 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

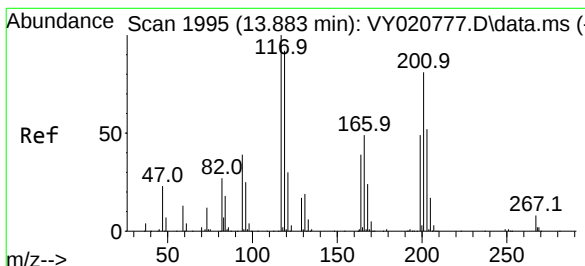
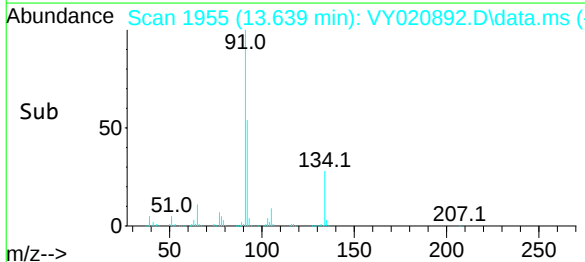
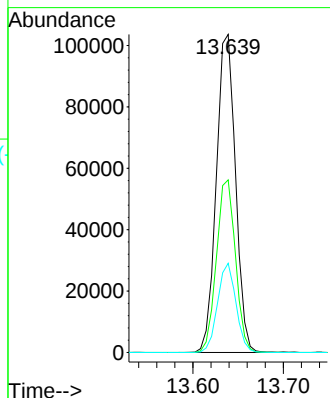
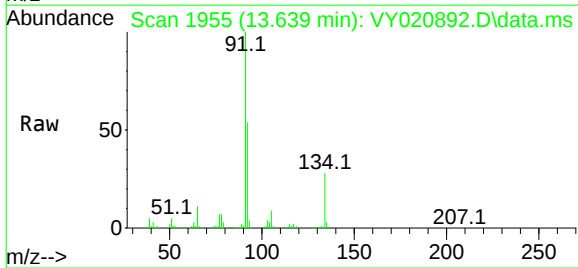
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion:	91	Resp:	152669
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.5	79.4
134	26.9	13.8	41.4



#90

Hexachloroethane

Concen: 18.680 ug/l

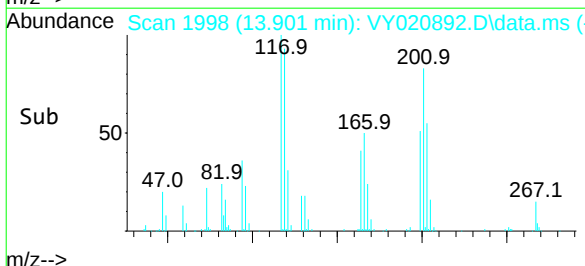
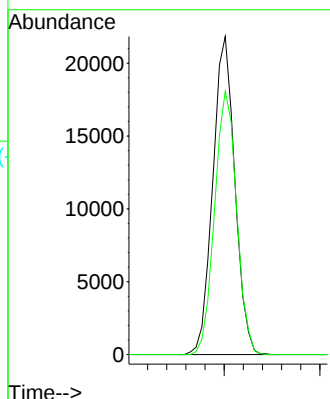
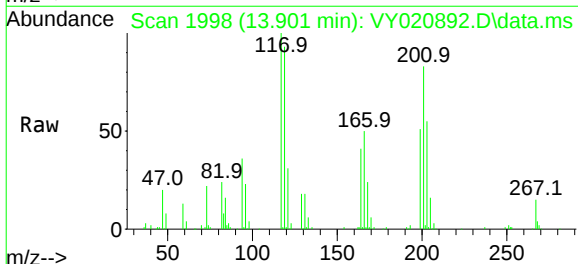
RT: 13.901 min Scan# 1998

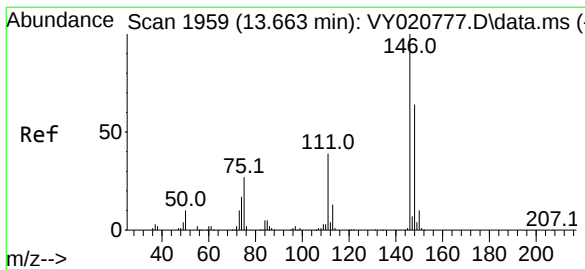
Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion:	117	Resp:	34946
Ion	Ratio	Lower	Upper
117	100		
201	82.5	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 18.135 ug/l

RT: 13.682 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

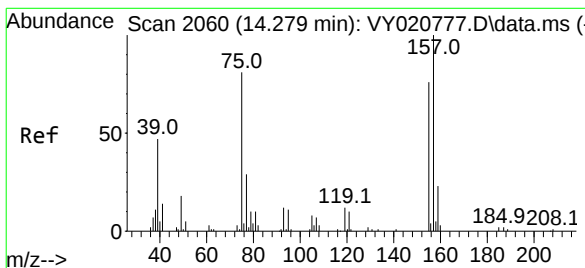
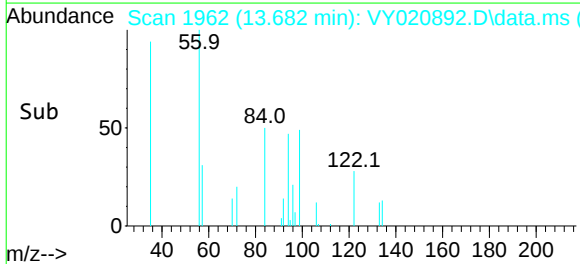
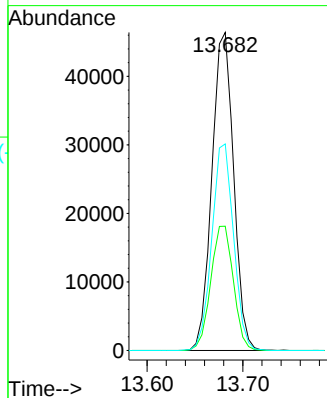
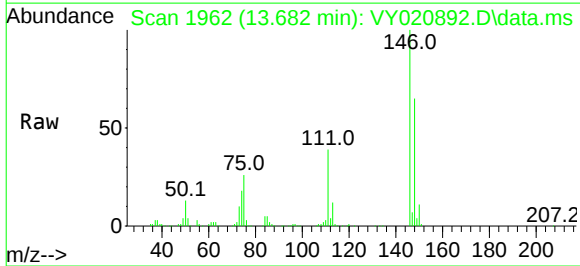
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion:	146	Resp:	73274
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	65.1	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.242 ug/l

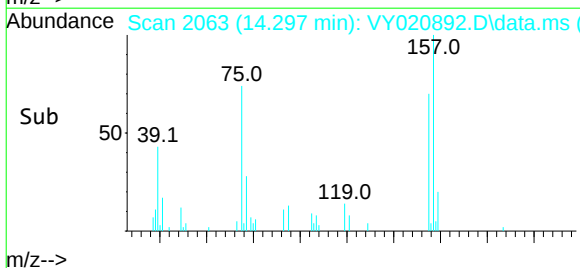
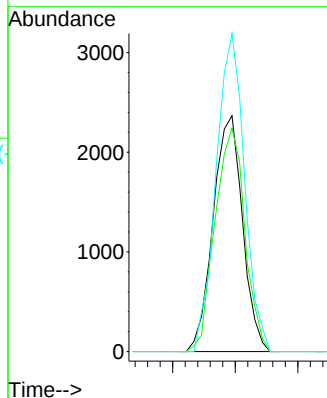
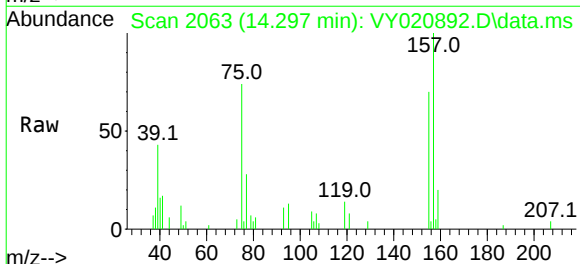
RT: 14.297 min Scan# 2063

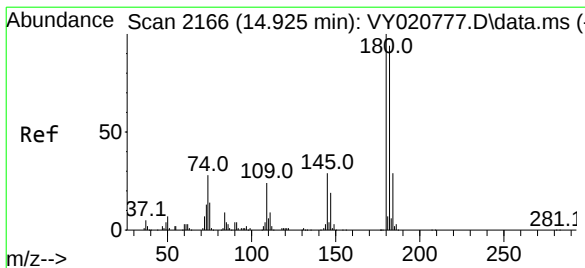
Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion:	75	Resp:	3853
Ion	Ratio	Lower	Upper
75	100		
155	96.0	45.5	136.5
157	130.4	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 15.739 ug/l

RT: 14.944 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

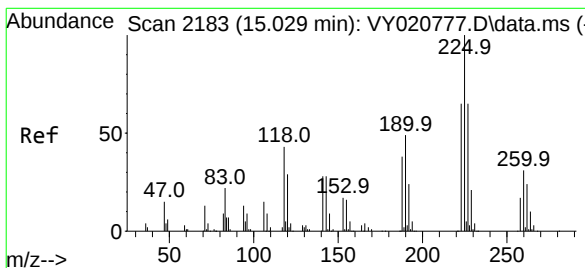
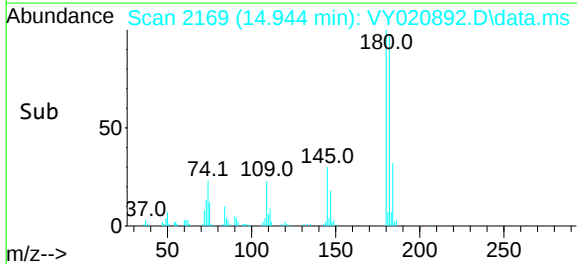
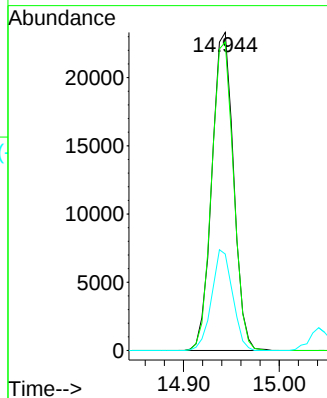
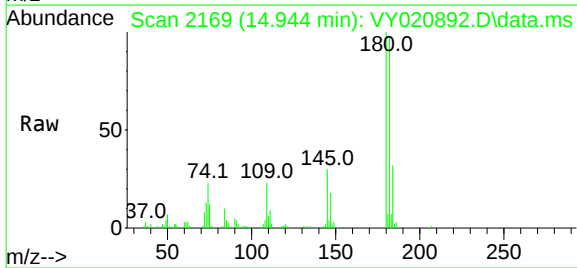
Tgt Ion:180 Resp: 36597

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.9

145 30.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 17.184 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

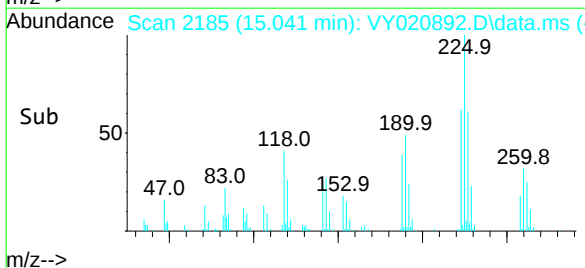
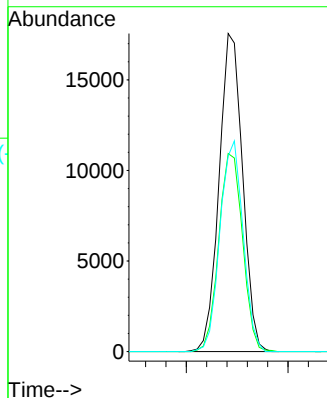
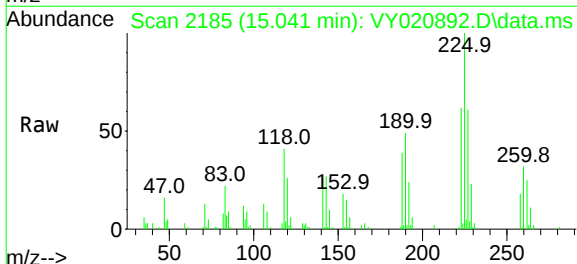
Tgt Ion:225 Resp: 28169

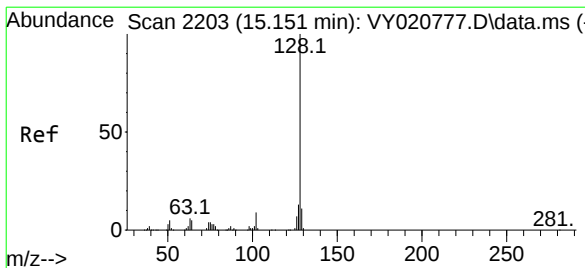
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 65.0 32.2 96.6





#95

Naphthalene

Concen: 14.833 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

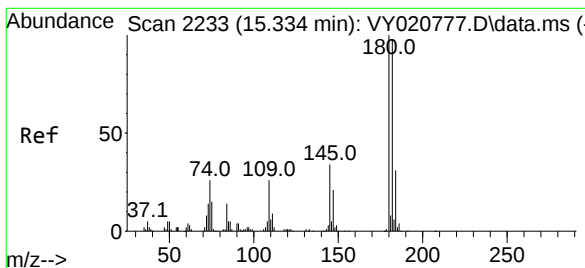
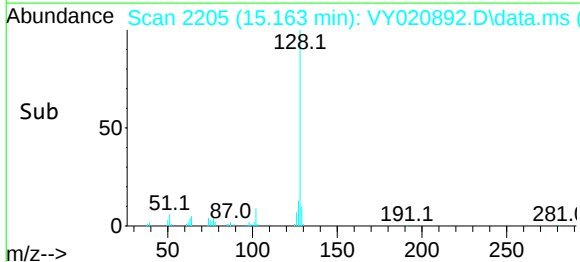
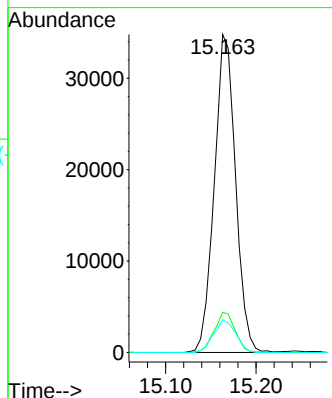
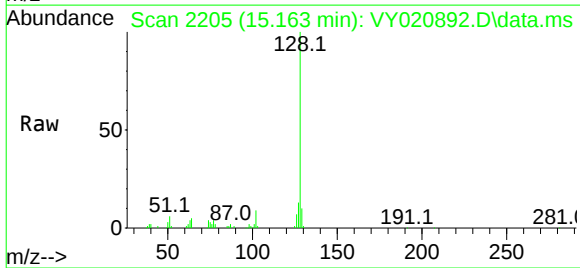
Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBS01

Tgt Ion:	128	Resp:	56765
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	10.6	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 15.741 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.000 min

Lab File: VY020892.D

Acq: 22 Jan 2025 10:21

Tgt Ion:	180	Resp:	30666
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.1	144.3
145	31.7	16.1	48.2

