

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020869.D
 Acq On : 20 Jan 2025 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 21 00:36:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	206448	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	293824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	247031	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	120807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	81588	46.496	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.652	113	90141	48.969	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.940%
50) Toluene-d8	10.121	98	341620	53.237	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.420	95	113410	47.859	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	64199	42.373	ug/l	98
3) Chloromethane	2.080	50	43423	54.432	ug/l	98
4) Vinyl Chloride	2.220	62	49946	56.320	ug/l	96
5) Bromomethane	2.617	94	30984	49.053	ug/l	96
6) Chloroethane	2.757	64	32067	58.631	ug/l	98
7) Trichlorofluoromethane	3.080	101	135330	49.720	ug/l	94
8) Diethyl Ether	3.476	74	39586	46.508	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.836	101	91945	50.023	ug/l	99
10) Methyl Iodide	4.031	142	94427	47.938	ug/l	96
11) Tert butyl alcohol	4.903	59	24195	182.476	ug/l #	90
12) 1,1-Dichloroethene	3.812	96	79215	49.204	ug/l	97
13) Acrolein	3.677	56	4828	129.659	ug/l	94
14) Allyl chloride	4.409	41	114101	49.125	ug/l	95
15) Acrylonitrile	5.080	53	81340	224.853	ug/l	99
16) Acetone	3.891	43	53964	216.265	ug/l	95
17) Carbon Disulfide	4.129	76	174177	49.871	ug/l	99
18) Methyl Acetate	4.409	43	41872	49.698	ug/l	96
19) Methyl tert-butyl Ether	5.141	73	203988	44.897	ug/l	98
20) Methylene Chloride	4.641	84	81676	47.396	ug/l	98
21) trans-1,2-Dichloroethene	5.141	96	85519	48.236	ug/l	96
22) Diisopropyl ether	6.043	45	258452	52.236	ug/l	99
23) Vinyl Acetate	5.982	43	659567	241.770	ug/l	98
24) 1,1-Dichloroethane	5.939	63	159039	48.720	ug/l	99
25) 2-Butanone	6.915	43	92267	225.101	ug/l	99
26) 2,2-Dichloropropane	6.909	77	156952	46.308	ug/l	98
27) cis-1,2-Dichloroethene	6.915	96	106886	47.783	ug/l	99
28) Bromochloromethane	7.268	49	49825	56.565	ug/l	94
29) Tetrahydrofuran	7.280	42	62122	237.253	ug/l	94
30) Chloroform	7.439	83	174261	46.811	ug/l	97
31) Cyclohexane	7.719	56	122231	47.871	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	165154	45.482	ug/l	99
36) 1,1-Dichloropropene	7.854	75	118097	50.299	ug/l	100
37) Ethyl Acetate	7.006	43	45384	48.573	ug/l	100
38) Carbon Tetrachloride	7.835	117	157215	48.103	ug/l	97
39) Methylcyclohexane	9.122	83	144962	50.314	ug/l	99
40) Benzene	8.097	78	364134	50.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	26226	49.012	ug/l	98
42) 1,2-Dichloroethane	8.171	62	92382	46.944	ug/l	100
43) Isopropyl Acetate	8.213	43	89624	47.160	ug/l	99
44) Trichloroethene	8.878	130	99308	49.436	ug/l	95
45) 1,2-Dichloropropane	9.158	63	84786	51.901	ug/l	98
46) Dibromomethane	9.244	93	45943	48.975	ug/l	97
47) Bromodichloromethane	9.439	83	130800	48.686	ug/l	97
48) Methyl methacrylate	9.231	41	40772	47.855	ug/l	98
49) 1,4-Dioxane	9.250	88	8972	900.801	ug/l	94
51) 4-Methyl-2-Pentanone	10.012	43	227401	239.513	ug/l	99
52) Toluene	10.182	92	236443	49.550	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	113491	47.496	ug/l	99
54) cis-1,3-Dichloropropene	9.871	75	135248	48.736	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	64597	48.200	ug/l	96
56) Ethyl methacrylate	10.451	69	81527	48.169	ug/l	97
57) 1,3-Dichloropropane	10.731	76	106738	48.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	170067	253.285	ug/l	97
59) 2-Hexanone	10.774	43	146204	240.031	ug/l	98
60) Dibromochloromethane	10.926	129	92619	47.651	ug/l	99
61) 1,2-Dibromoethane	11.030	107	58182	48.357	ug/l	100
64) Tetrachloroethene	10.658	164	88168	48.545	ug/l	97
65) Chlorobenzene	11.457	112	262902	48.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.530	131	98827	47.530	ug/l	98
67) Ethyl Benzene	11.530	91	464695	49.142	ug/l	98
68) m/p-Xylenes	11.639	106	352993	96.955	ug/l	100
69) o-Xylene	11.969	106	165973	48.080	ug/l	98
70) Styrene	11.981	104	283712	48.824	ug/l	99
71) Bromoform	12.145	173	55652	47.082	ug/l #	98
73) Isopropylbenzene	12.267	105	460658	48.066	ug/l	99
74) N-amyl acetate	12.085	43	76654	48.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	69906	48.126	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	50336m	47.620	ug/l	
77) Bromobenzene	12.542	156	107400	48.606	ug/l	99
78) n-propylbenzene	12.609	91	539056	49.554	ug/l	99
79) 2-Chlorotoluene	12.694	91	304145	48.552	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	376322	48.452	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	23378	46.634	ug/l	97
82) 4-Chlorotoluene	12.792	91	315747	48.841	ug/l	100
83) tert-Butylbenzene	13.011	119	350843	48.297	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	365070	48.133	ug/l	99
85) sec-Butylbenzene	13.188	105	494544	48.739	ug/l	100
86) p-Isopropyltoluene	13.304	119	419082	48.416	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	206950	48.202	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	200408	47.420	ug/l	99
89) n-Butylbenzene	13.627	91	369052	49.145	ug/l	99
90) Hexachloroethane	13.895	117	82678	47.569	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	178012	47.420	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9838	41.887	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	103327	47.828	ug/l	100
94) Hexachlorobutadiene	15.035	225	71558	46.985	ug/l	99
95) Naphthalene	15.157	128	159106	44.748	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	84421	46.643	ug/l	99

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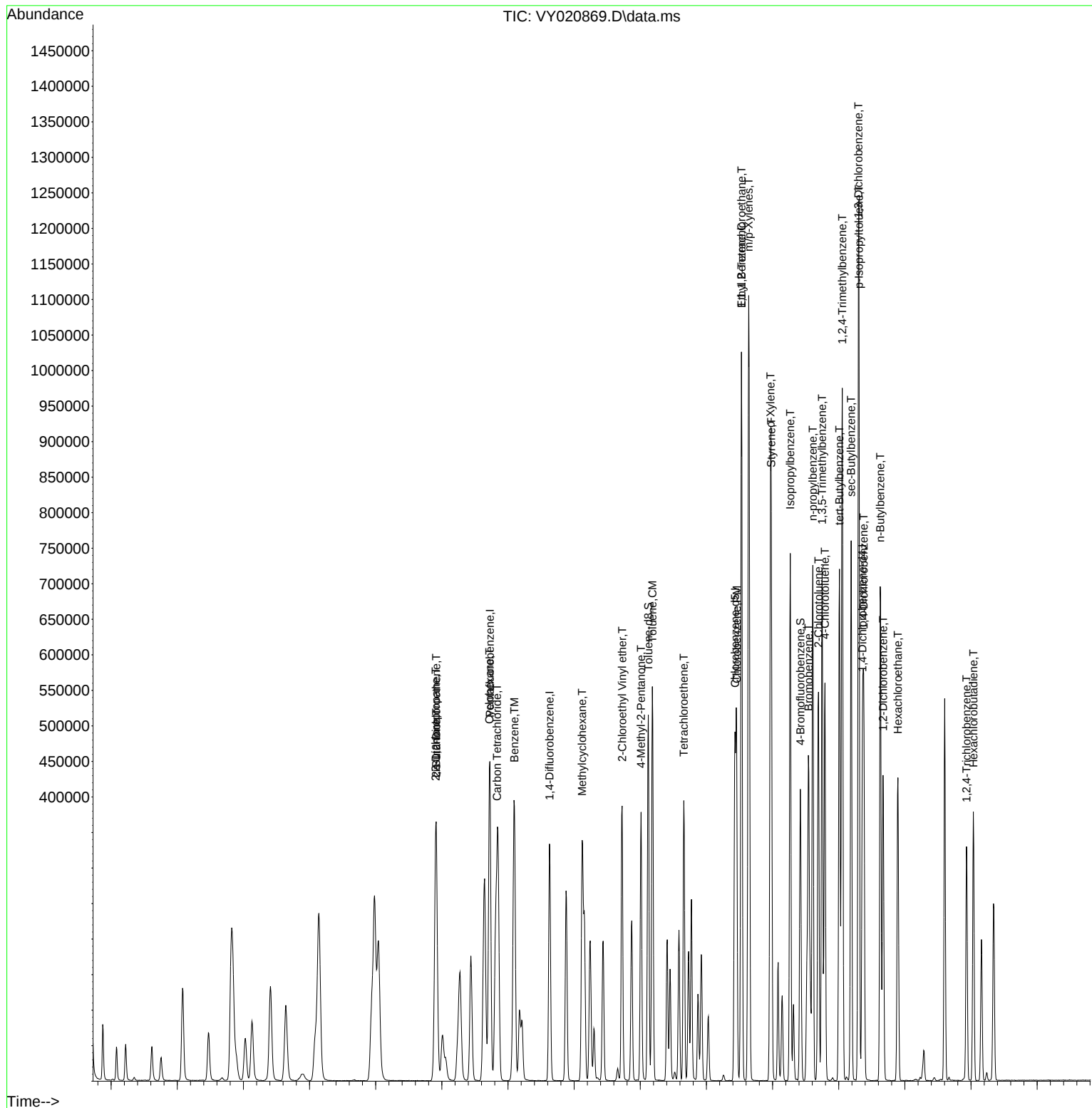
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

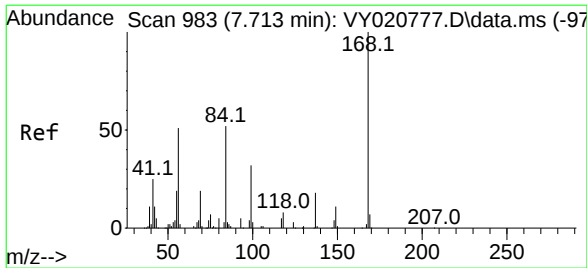
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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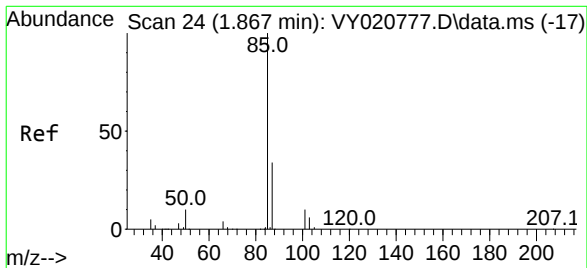
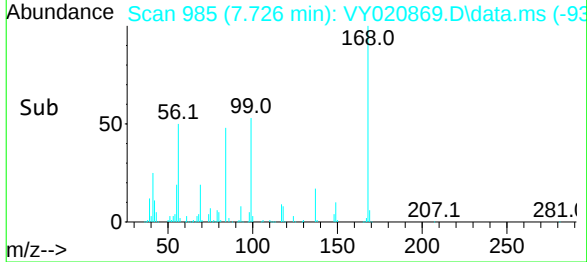
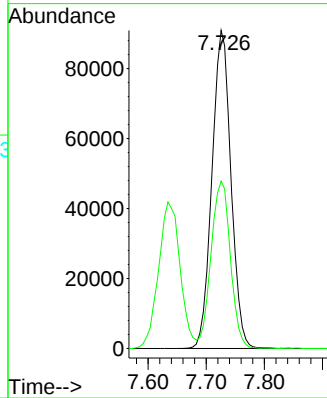
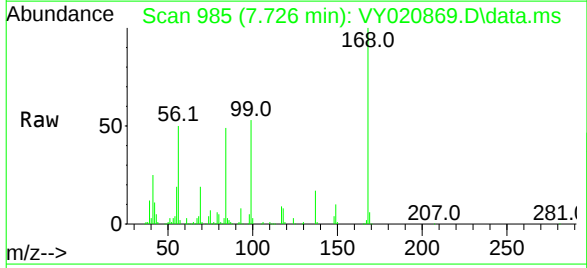




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
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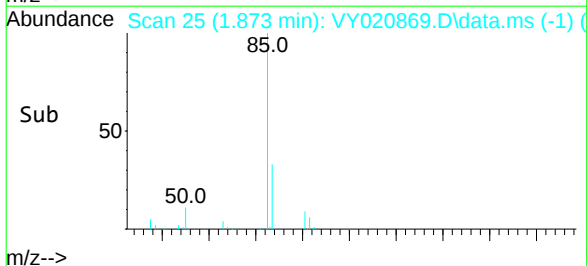
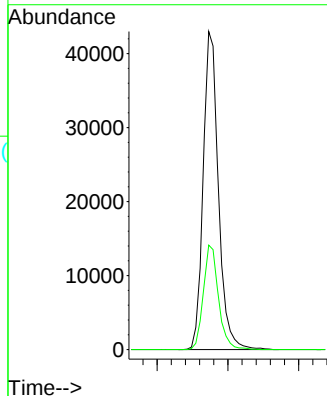
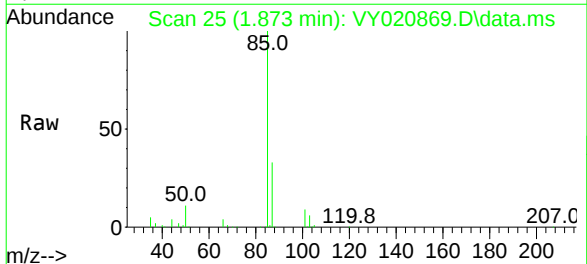
Instrument :
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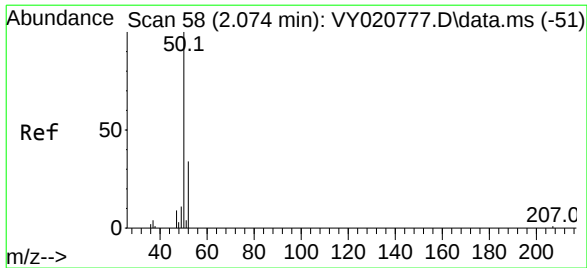
Tgt Ion:168 Resp: 206448
Ion Ratio Lower Upper
168 100
99 52.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 42.373 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

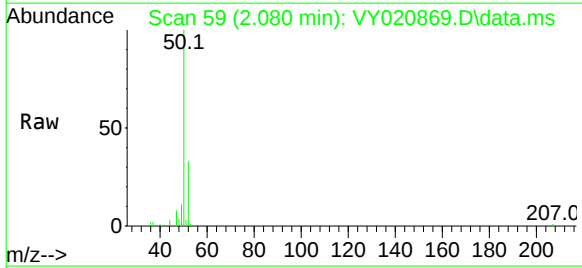
Tgt Ion: 85 Resp: 64199
Ion Ratio Lower Upper
85 100
87 32.8 16.9 50.6



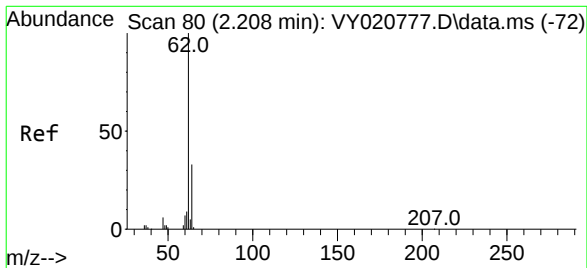
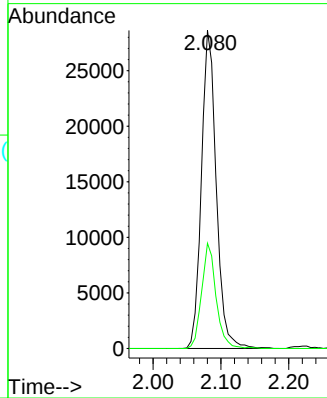
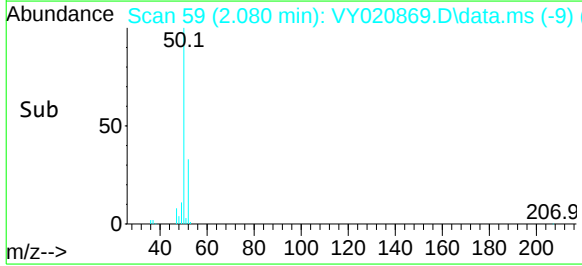


#3
Chloromethane
Concen: 54.432 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY020869.D
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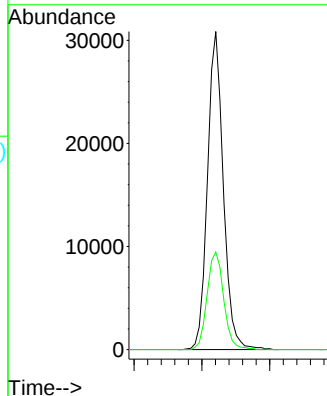
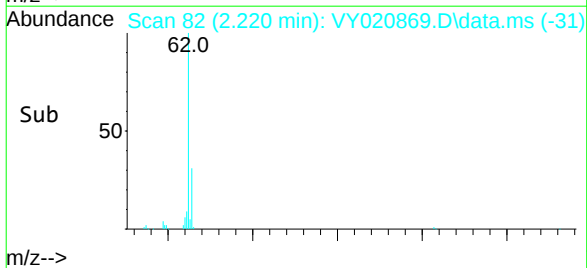
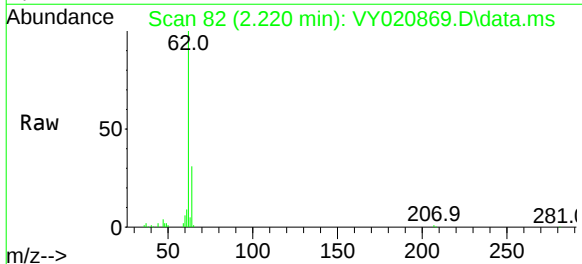


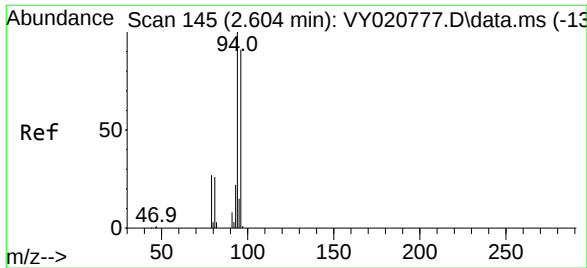
Tgt Ion: 50 Resp: 43423
Ion Ratio Lower Upper
50 100
52 33.1 27.3 40.9



#4
Vinyl Chloride
Concen: 56.320 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 62 Resp: 49946
Ion Ratio Lower Upper
62 100
64 30.7 26.6 39.8

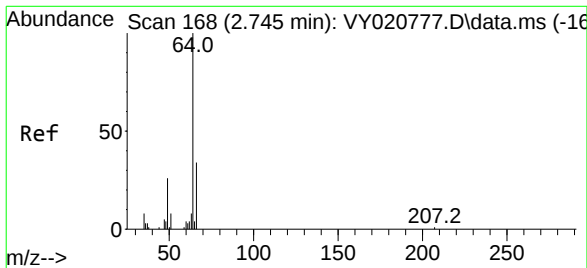
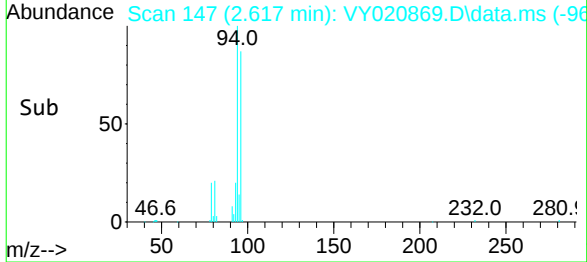
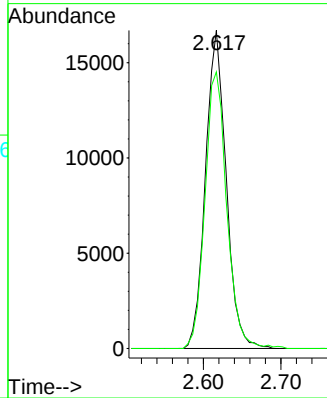
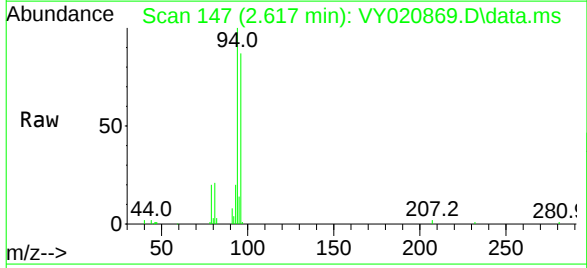




#5
Bromomethane
Concen: 49.053 ug/l
RT: 2.617 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY020869.D
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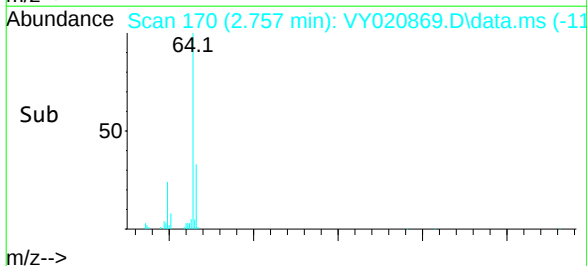
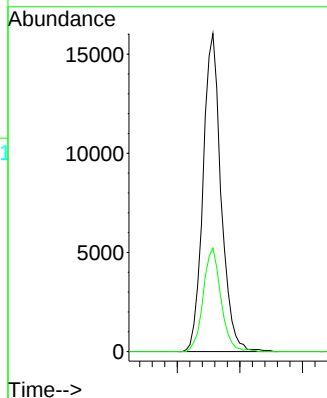
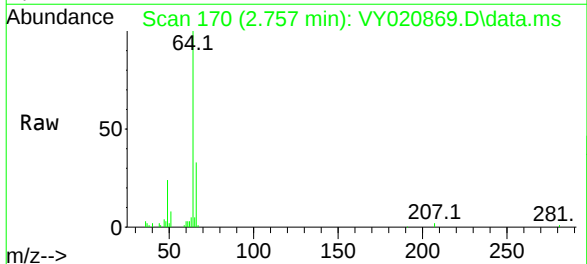
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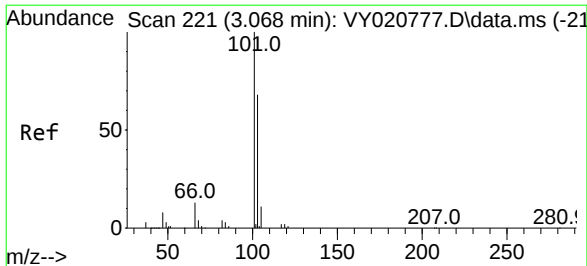
Tgt Ion: 94 Resp: 30984
Ion Ratio Lower Upper
94 100
96 87.0 72.6 109.0



#6
Chloroethane
Concen: 58.631 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 32067
Ion Ratio Lower Upper
64 100
66 32.6 26.9 40.3

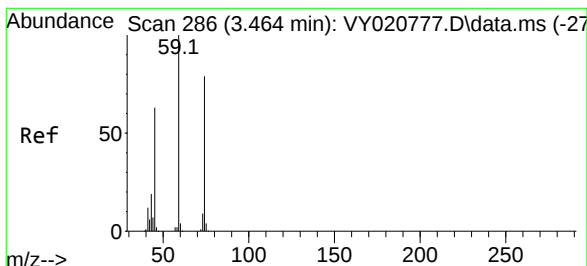
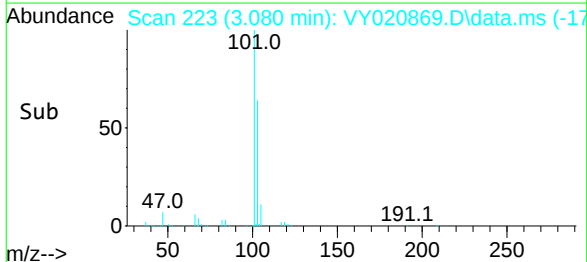
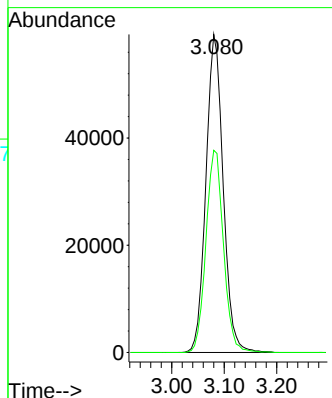
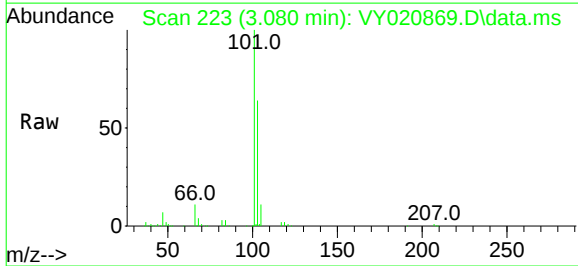




#7
 Trichlorofluoromethane
 Concen: 49.720 ug/l
 RT: 3.080 min Scan# 221
 Delta R.T. 0.012 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

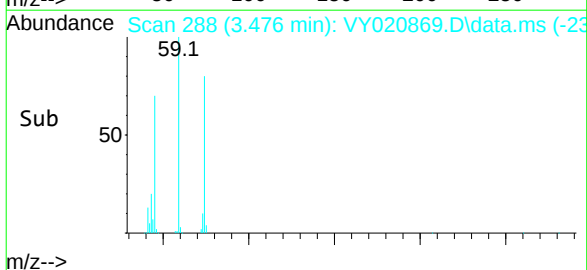
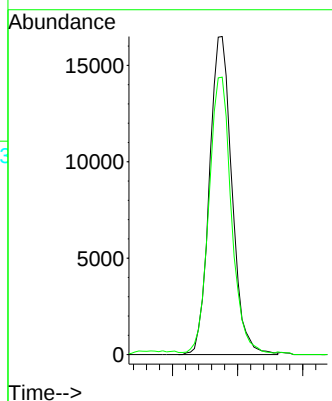
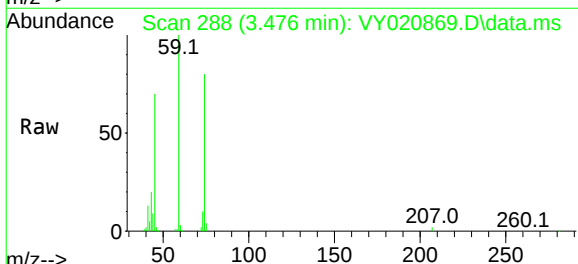
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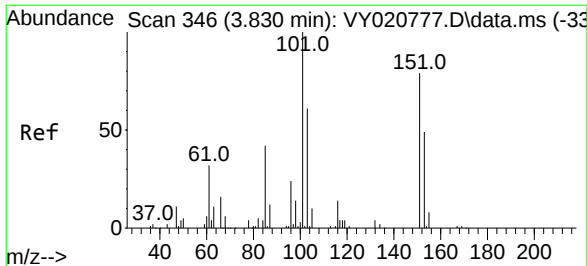
Tgt Ion: 101 Resp: 135330
 Ion Ratio Lower Upper
 101 100
 103 63.6 54.6 82.0



#8
 Diethyl Ether
 Concen: 46.508 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. 0.012 min
 Lab File: VY020869.D
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Tgt Ion: 74 Resp: 39586
 Ion Ratio Lower Upper
 74 100
 45 86.3 41.3 124.1

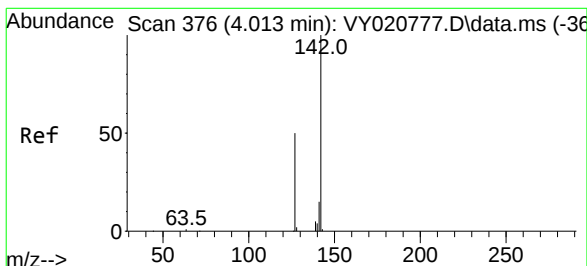
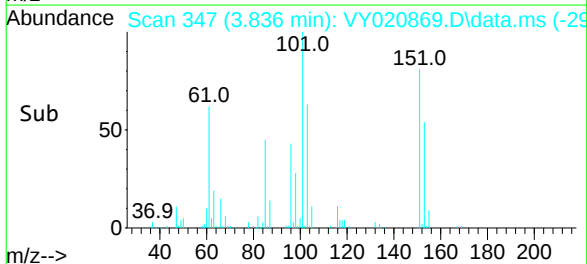
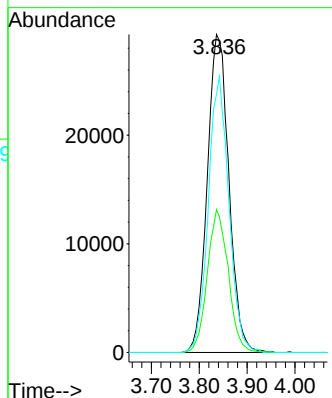
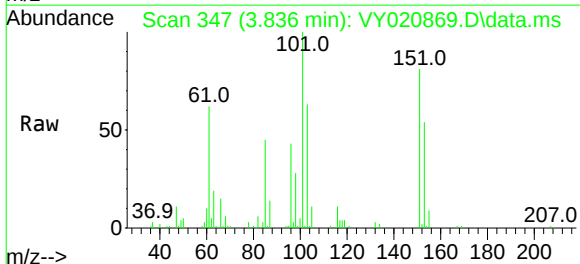




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.023 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

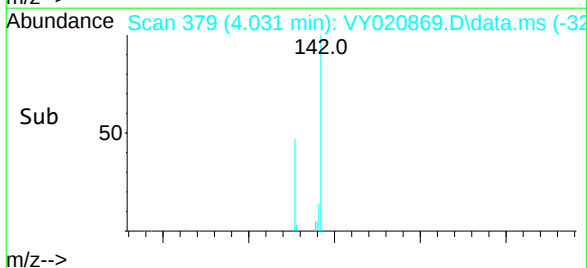
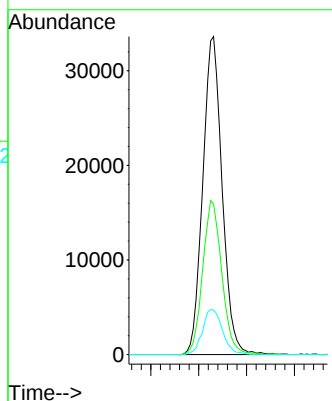
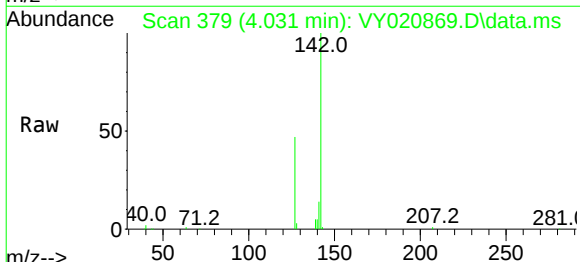
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91945
Ion Ratio Lower Upper
101 100
85 43.5 35.9 53.9
151 82.8 66.9 100.3



#10
Methyl Iodide
Concen: 47.938 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:142 Resp: 94427
Ion Ratio Lower Upper
142 100
127 47.9 41.0 61.6
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 182.476 ug/l

RT: 4.903 min Scan# 52

Delta R.T. 0.030 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

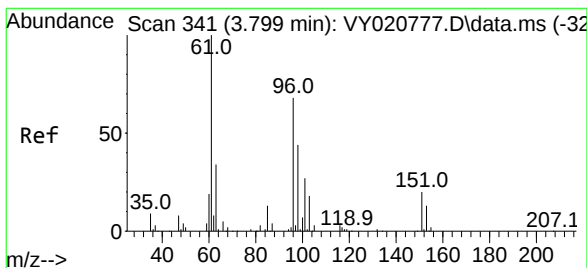
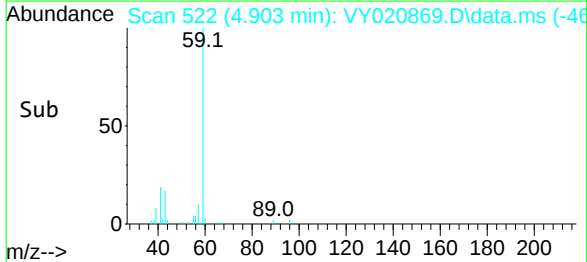
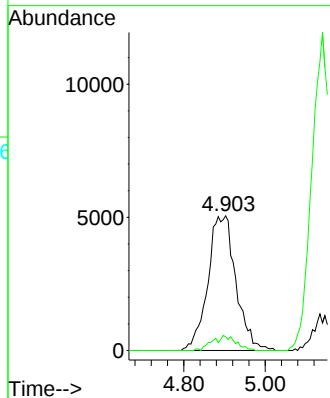
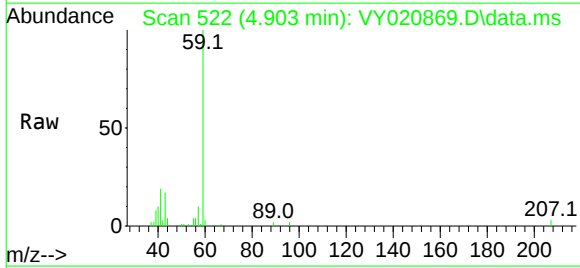
VSTDCCC050

Tgt Ion: 59 Resp: 24195

Ion Ratio Lower Upper

59 100

57 6.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 49.204 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

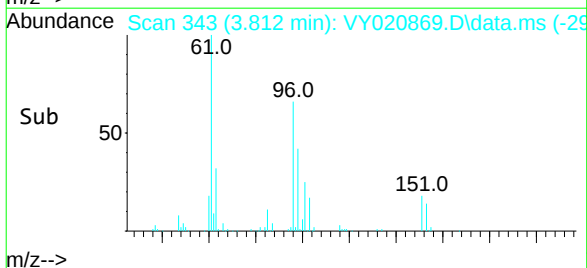
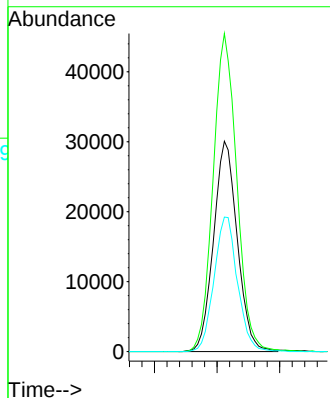
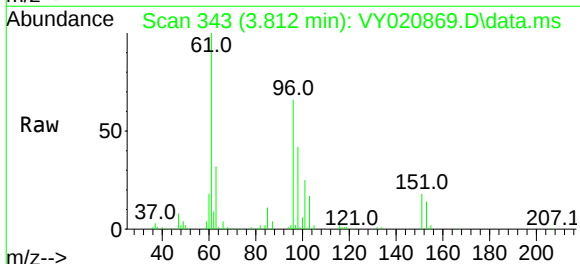
Tgt Ion: 96 Resp: 79215

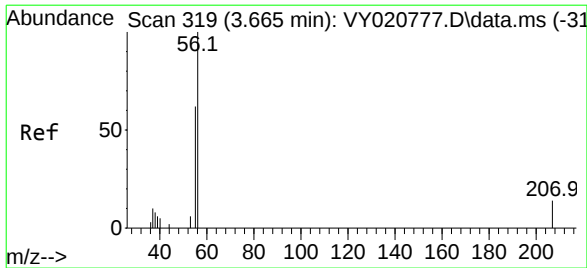
Ion Ratio Lower Upper

96 100

61 151.2 117.8 176.8

98 64.0 51.9 77.9





#13

Acrolein

Concen: 129.659 ug/l

RT: 3.677 min Scan# 321

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

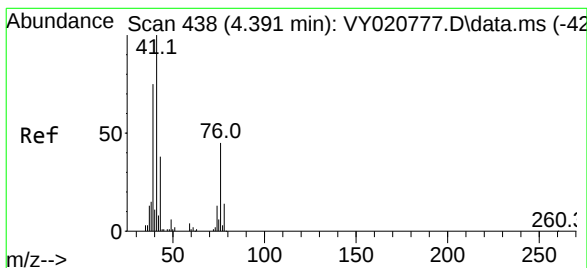
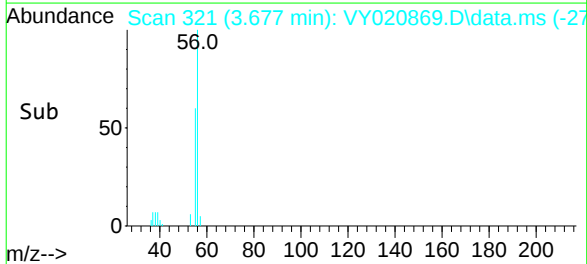
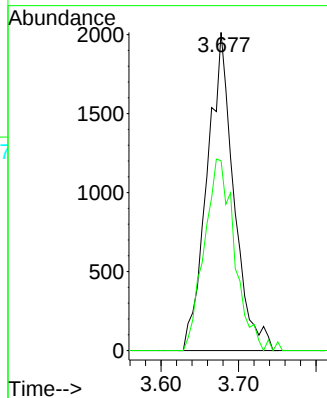
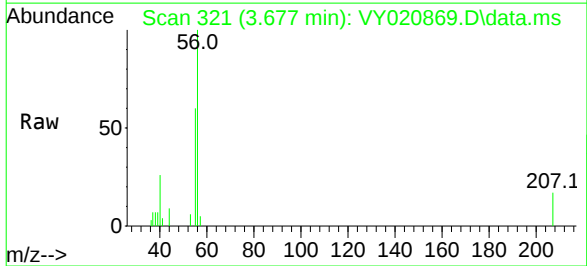
VSTDCCC050

Tgt Ion: 56 Resp: 4828

Ion Ratio Lower Upper

56 100

55 67.7 58.1 87.1



#14

Allyl chloride

Concen: 49.125 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.018 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

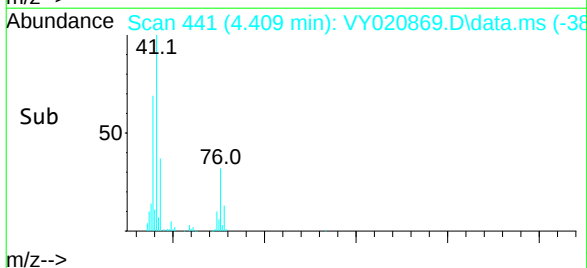
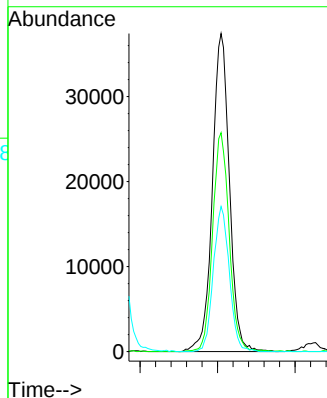
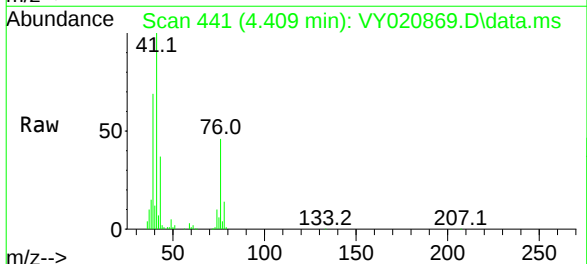
Tgt Ion: 41 Resp: 114101

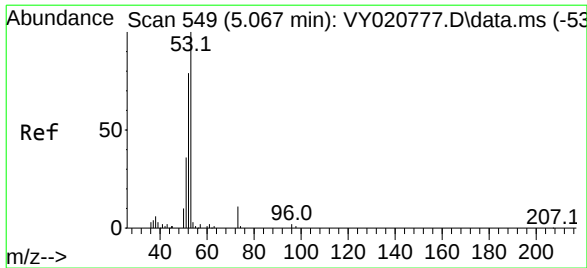
Ion Ratio Lower Upper

41 100

39 66.8 57.5 86.3

76 42.9 35.6 53.4

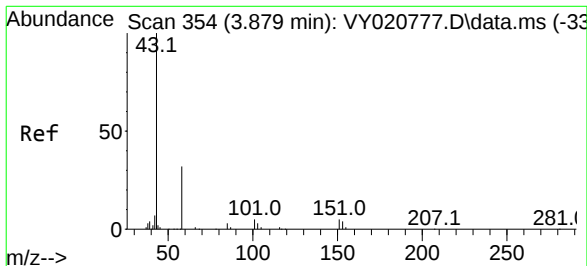
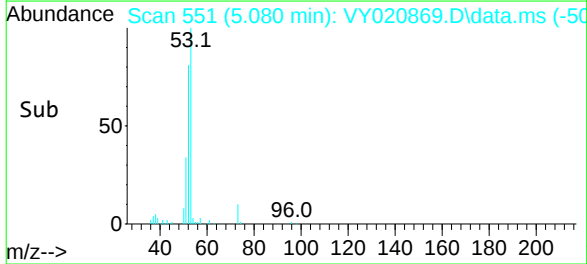
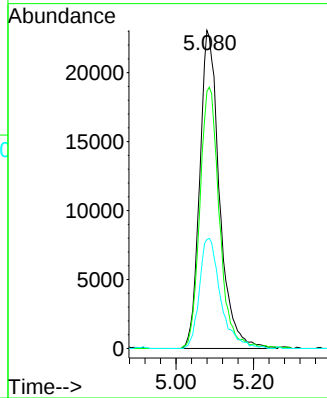
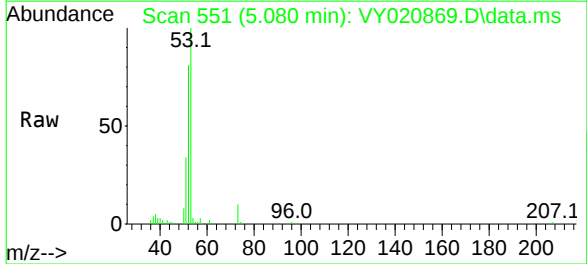




#15
Acrylonitrile
Concen: 224.853 ug/l
RT: 5.080 min Scan# 551
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

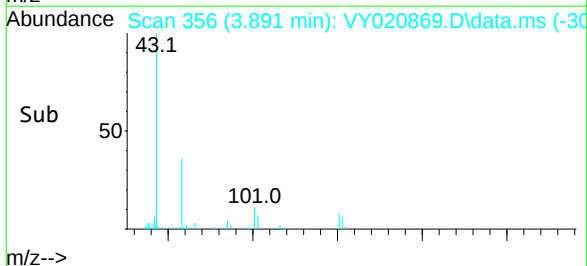
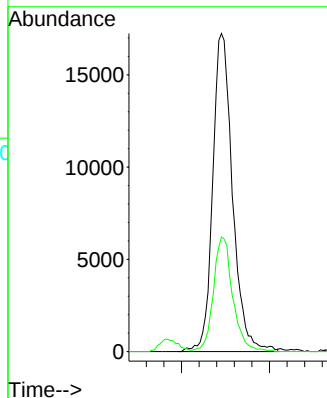
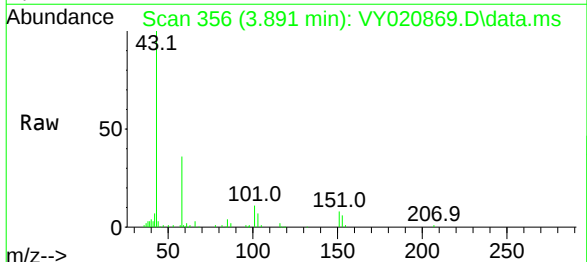
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

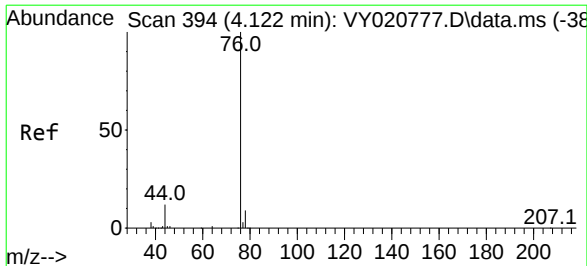
Tgt Ion: 53 Resp: 81340
Ion Ratio Lower Upper
53 100
52 81.5 64.3 96.5
51 37.3 29.3 43.9



#16
Acetone
Concen: 216.265 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 43 Resp: 53964
Ion Ratio Lower Upper
43 100
58 36.0 26.7 40.1





#17

Carbon Disulfide

Concen: 49.871 ug/l

RT: 4.129 min Scan# 39

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

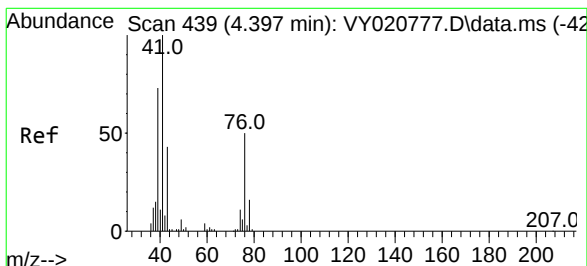
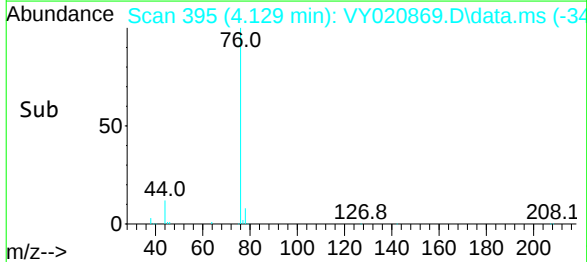
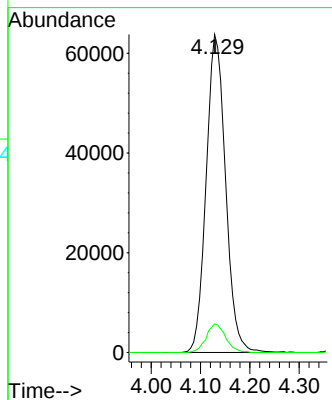
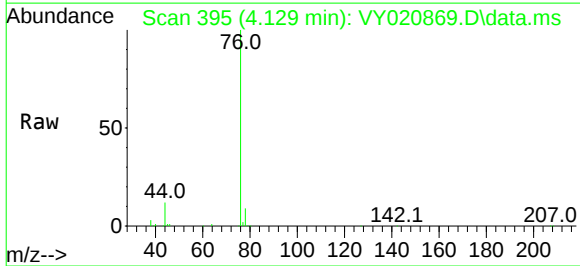
VSTDCCC050

Tgt Ion: 76 Resp: 174177

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 49.698 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY020869.D

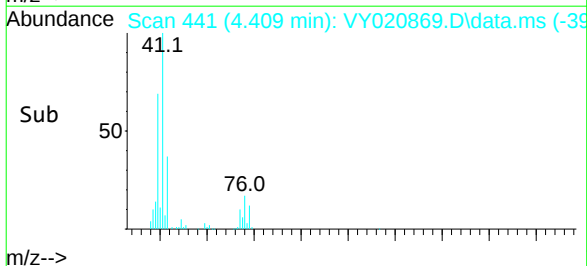
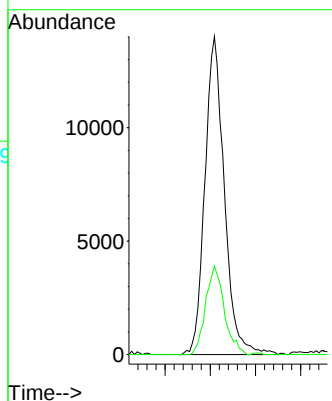
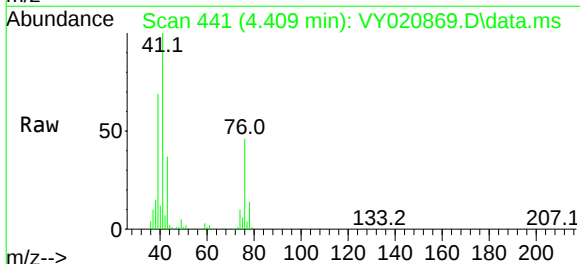
Acq: 20 Jan 2025 09:30

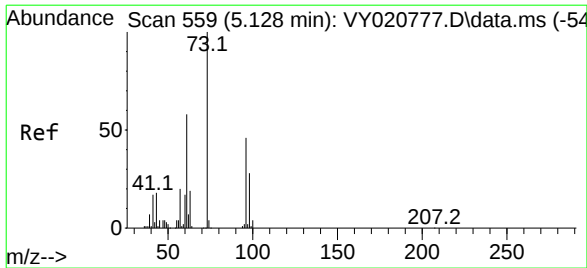
Tgt Ion: 43 Resp: 41872

Ion Ratio Lower Upper

43 100

74 26.7 23.0 34.6

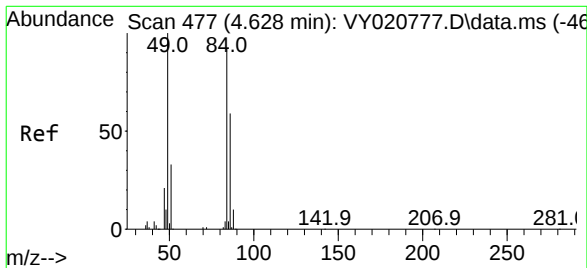
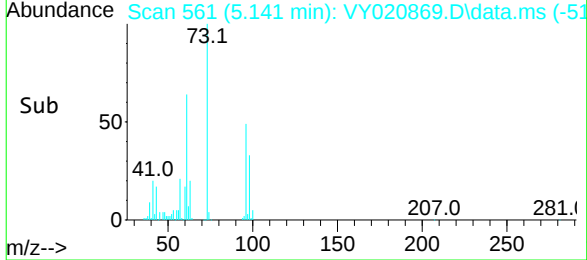
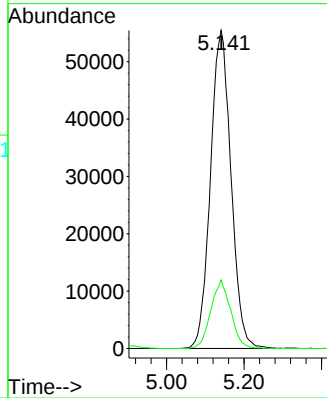
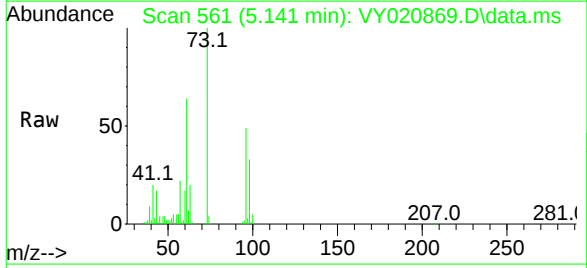




#19
Methyl tert-butyl Ether
Concen: 44.897 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

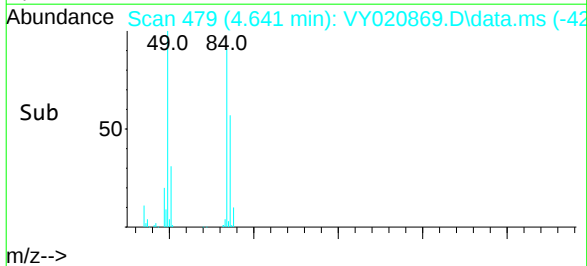
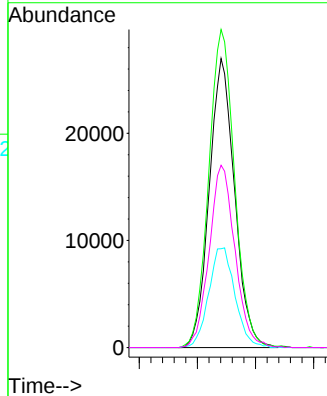
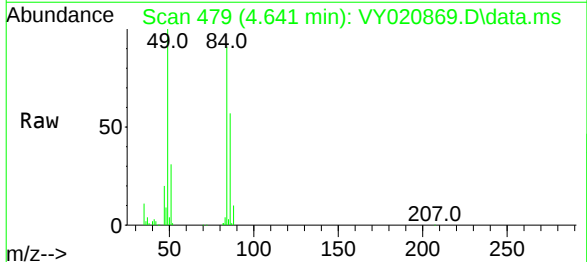
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

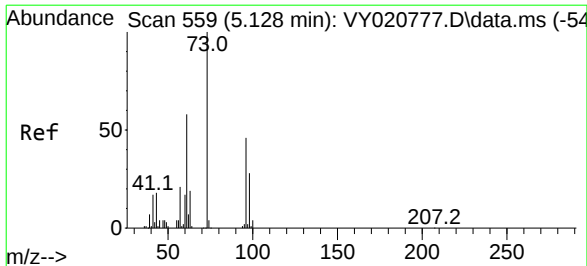
Tgt Ion: 73 Resp: 203988
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 47.396 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 84 Resp: 81676
Ion Ratio Lower Upper
84 100
49 110.0 86.7 130.1
51 34.2 28.4 42.6
86 63.1 51.3 76.9

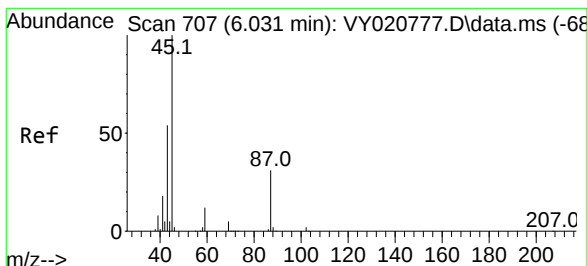
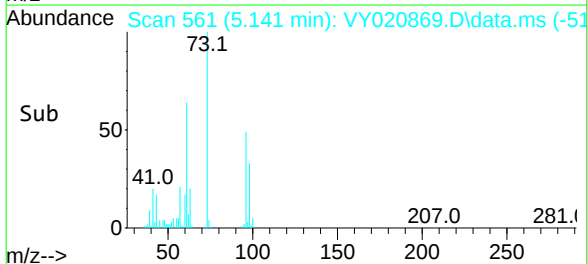
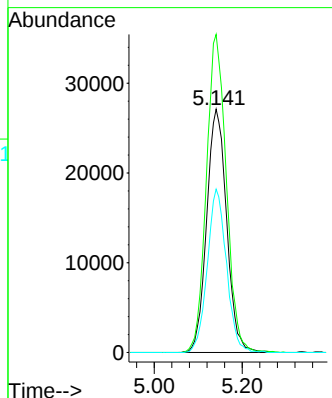
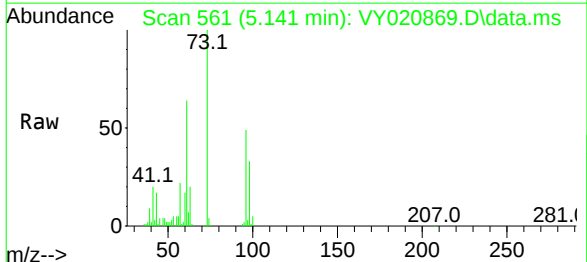




#21
trans-1,2-Dichloroethene
Concen: 48.236 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

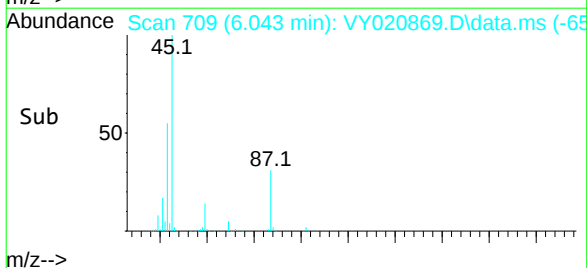
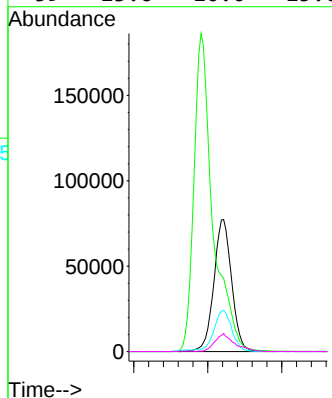
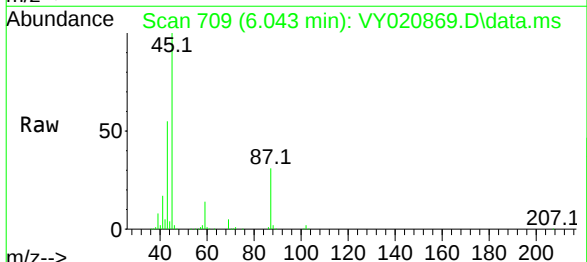
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

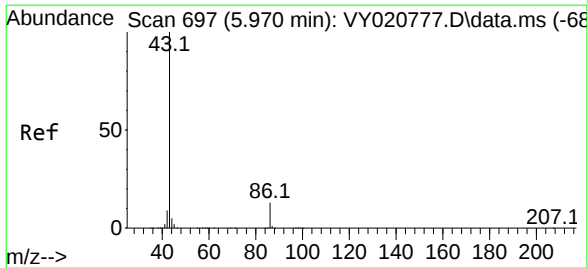
Tgt Ion: 96 Resp: 85519
Ion Ratio Lower Upper
96 100
61 130.7 101.6 152.4
98 67.1 49.4 74.2



#22
Diisopropyl ether
Concen: 52.236 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 45 Resp: 258452
Ion Ratio Lower Upper
45 100
43 55.2 43.9 65.9
87 31.3 25.3 37.9
59 13.6 10.0 15.0

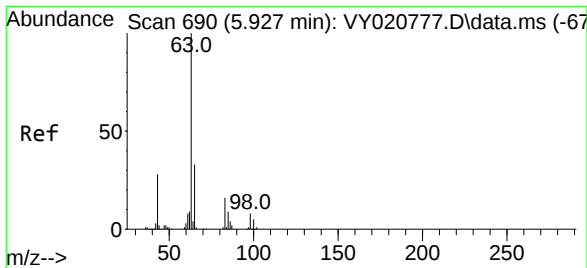
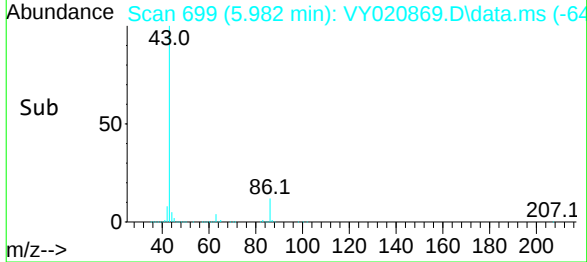
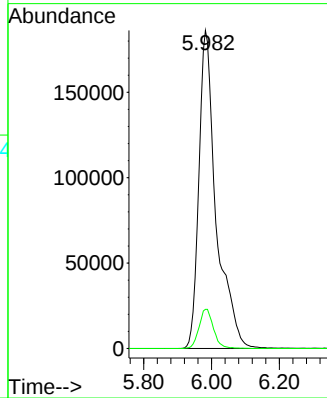
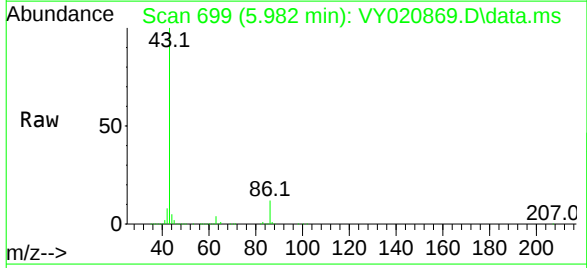




#23
 Vinyl Acetate
 Concen: 241.770 ug/l
 RT: 5.982 min Scan# 69
 Delta R.T. 0.012 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

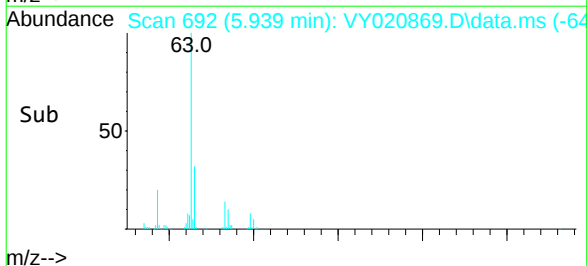
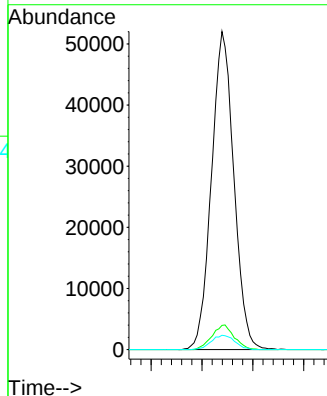
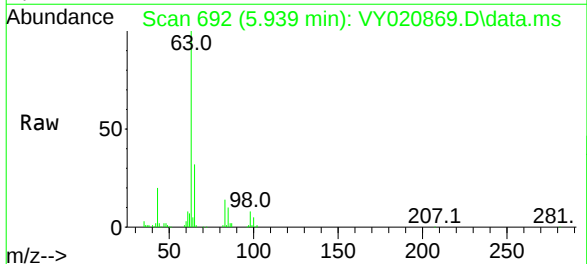
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

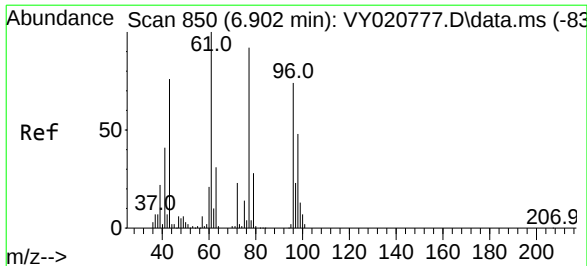
Tgt Ion: 43 Resp: 659567
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 48.720 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

Tgt Ion: 63 Resp: 159039
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.5 2.4 7.2

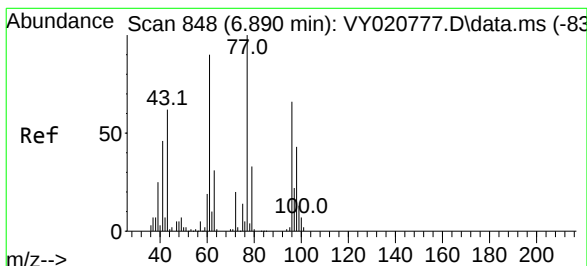
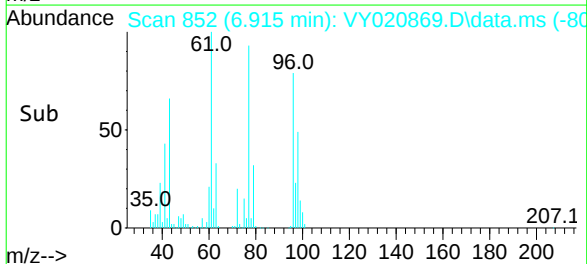
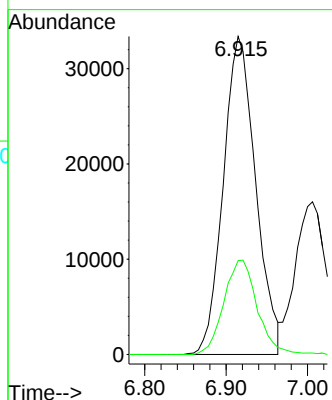
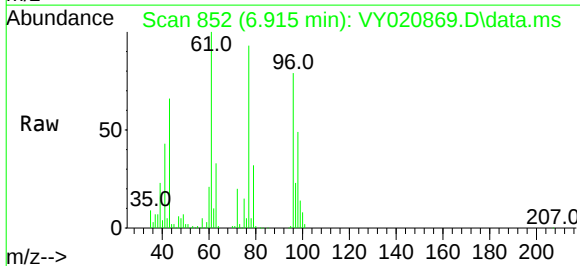




#25
2-Butanone
Concen: 225.101 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

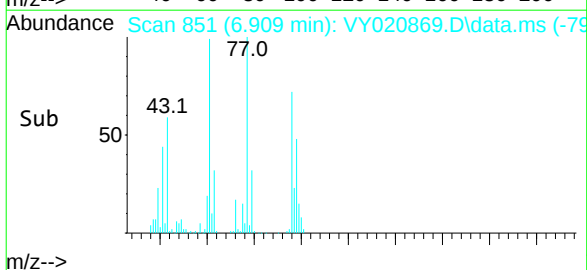
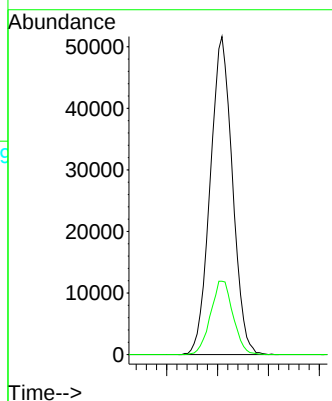
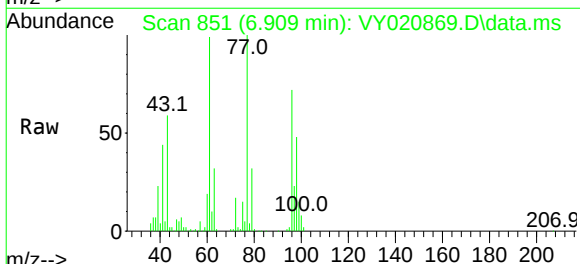
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

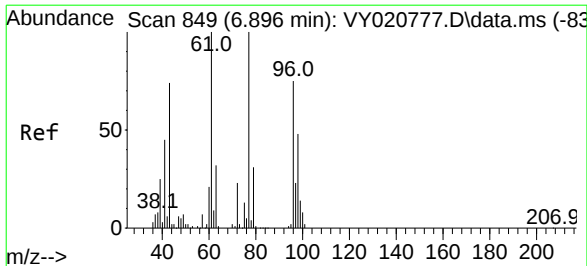
Tgt Ion: 43 Resp: 92267
Ion Ratio Lower Upper
43 100
72 29.5 24.0 36.0



#26
2,2-Dichloropropane
Concen: 46.308 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 77 Resp: 156952
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8

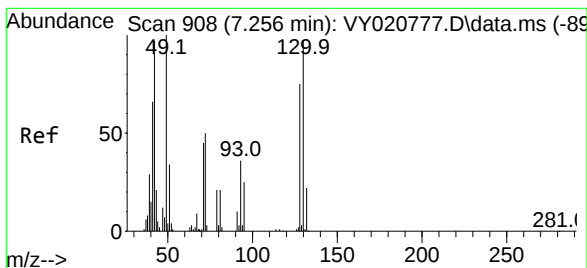
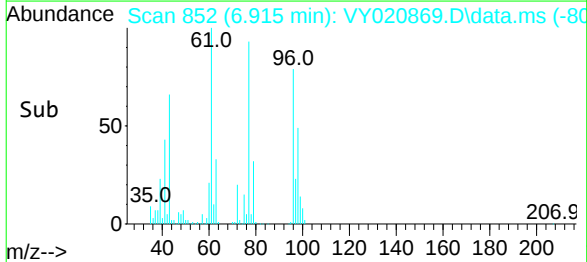
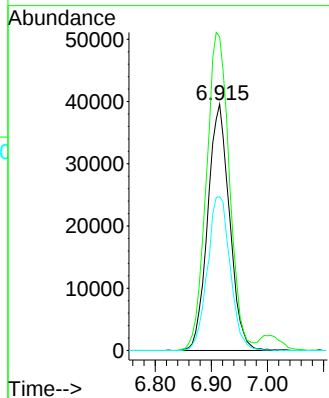
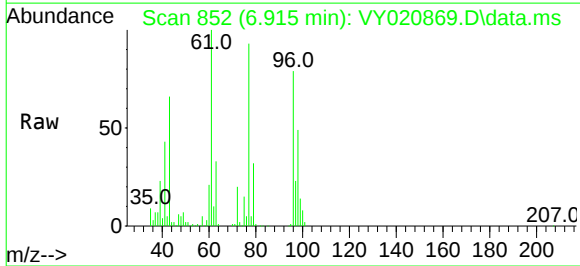




#27
 cis-1,2-Dichloroethene
 Concen: 47.783 ug/l
 RT: 6.915 min Scan# 85
 Delta R.T. 0.018 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

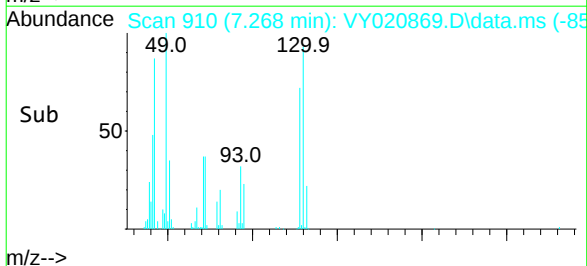
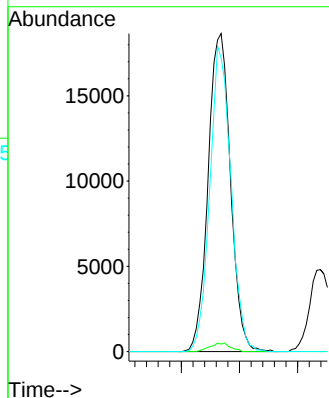
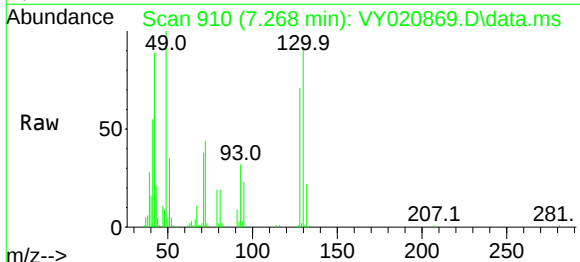
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

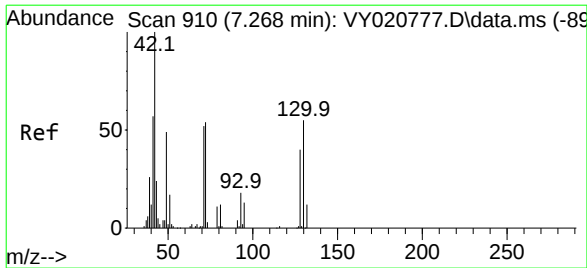
Tgt Ion: 96 Resp: 106886
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 271.4
 98 65.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 56.565 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.012 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

Tgt Ion: 49 Resp: 49825
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 90.8 77.8 116.6





#29

Tetrahydrofuran

Concen: 237.253 ug/l

RT: 7.280 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

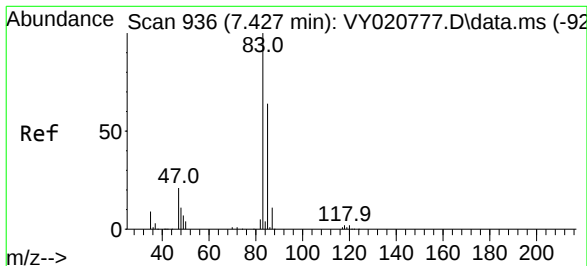
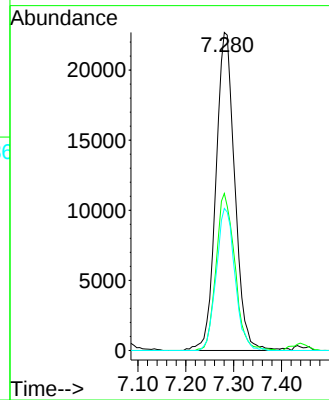
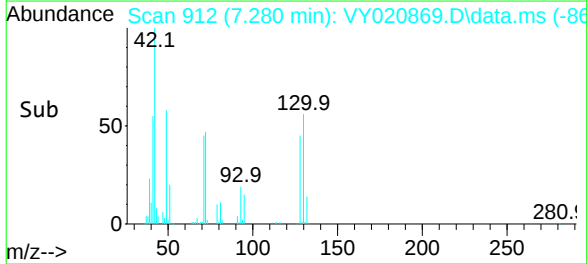
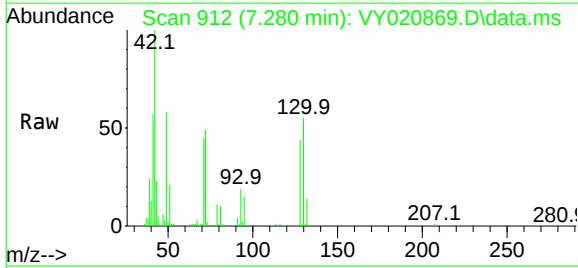
Tgt Ion: 42 Resp: 62122

Ion Ratio Lower Upper

42 100

72 48.9 41.8 62.6

71 44.2 39.8 59.8



#30

Chloroform

Concen: 46.811 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY020869.D

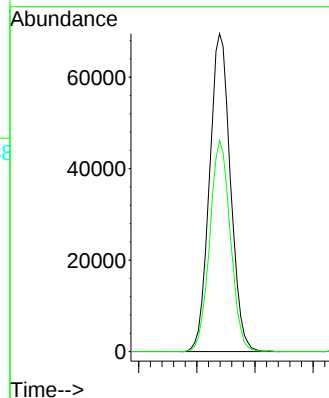
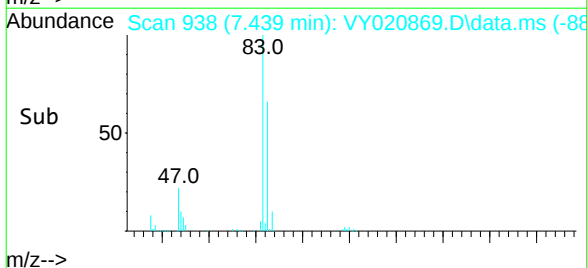
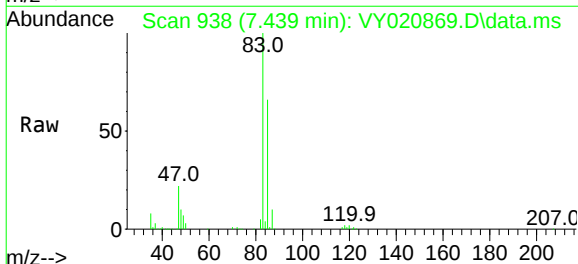
Acq: 20 Jan 2025 09:30

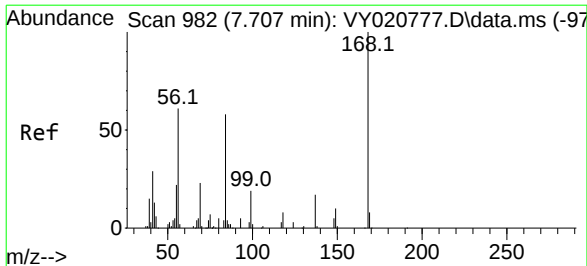
Tgt Ion: 83 Resp: 174261

Ion Ratio Lower Upper

83 100

85 66.4 51.1 76.7

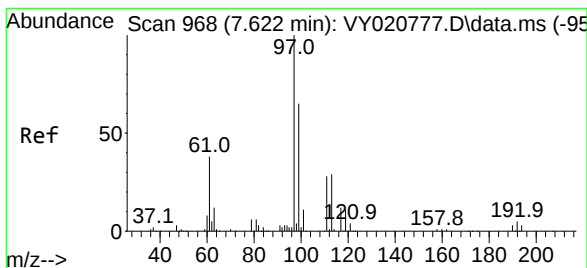
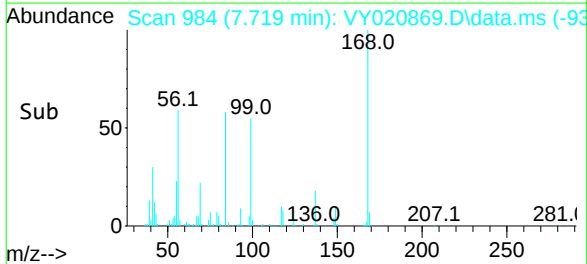
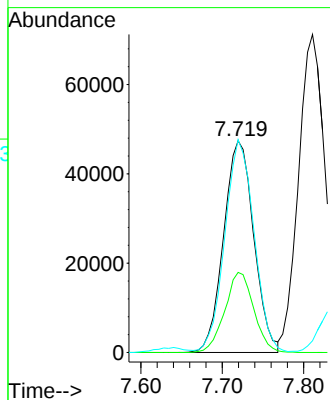
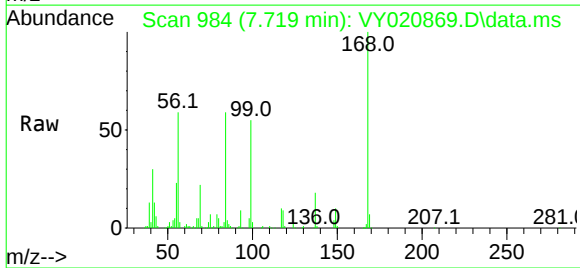




#31
Cyclohexane
Concen: 47.871 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

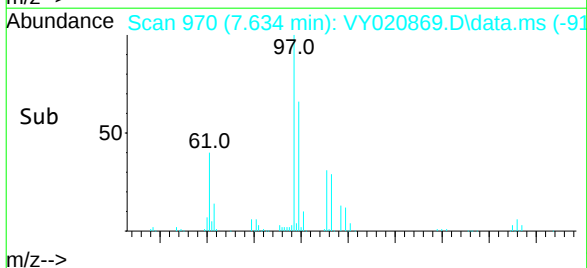
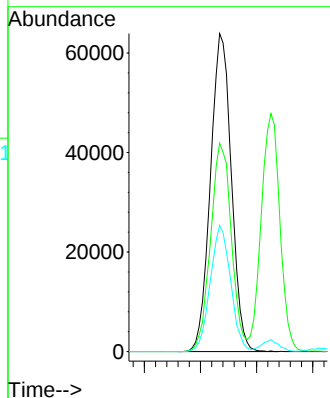
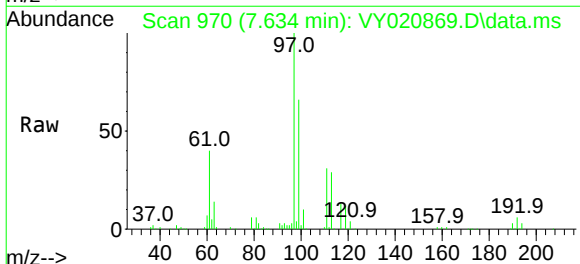
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

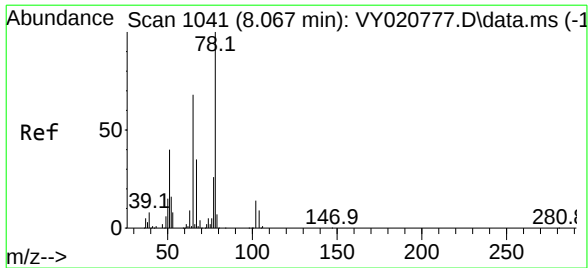
Tgt Ion: 56 Resp: 122231
Ion Ratio Lower Upper
56 100
69 37.8 30.5 45.7
84 98.6 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 45.482 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 97 Resp: 165154
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 38.7 30.5 45.7

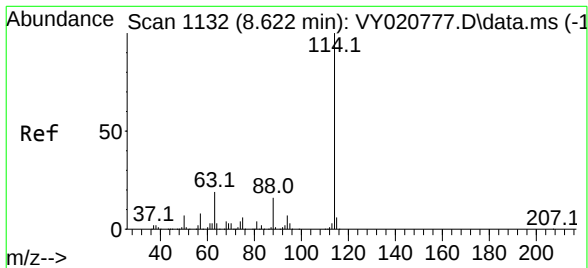
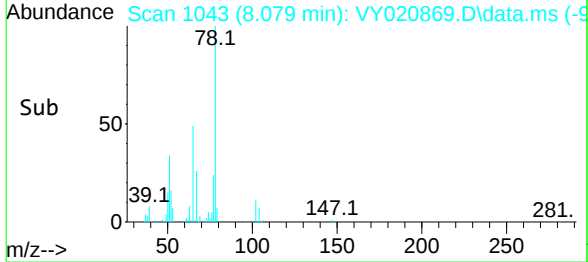
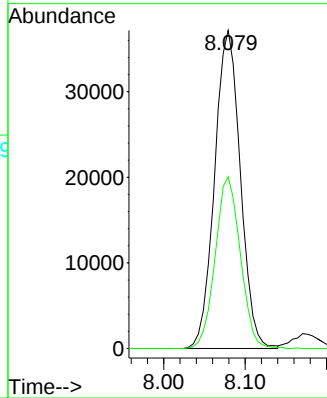
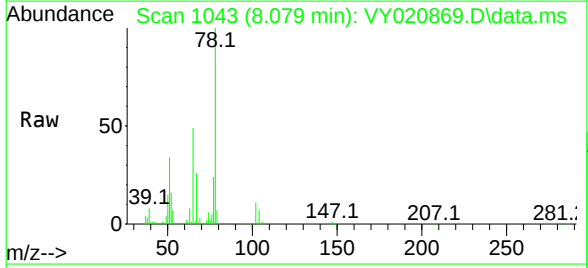




#33
1,2-Dichloroethane-d4
Concen: 46.496 ug/l
RT: 8.079 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

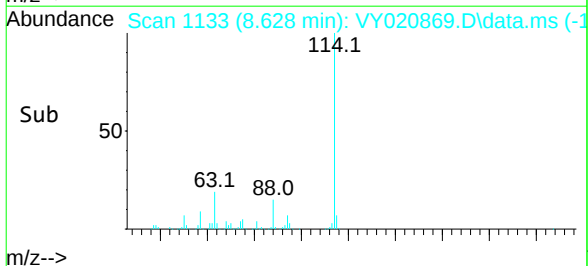
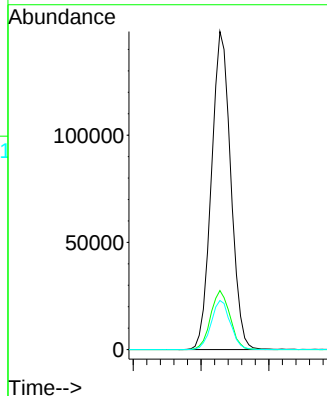
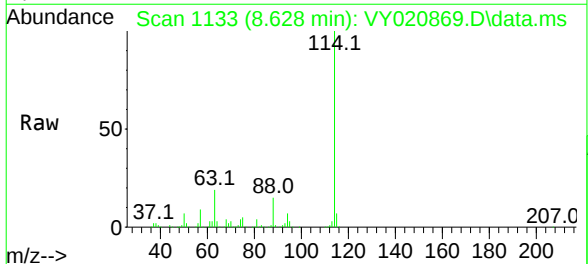
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

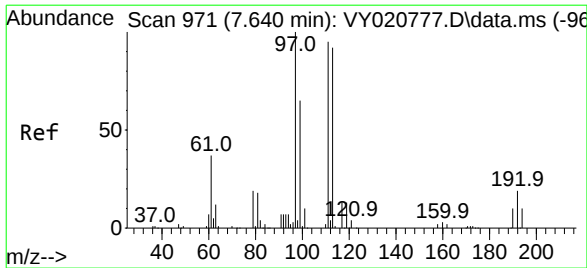
Tgt Ion: 65 Resp: 81588
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 114 Resp: 293824
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.969 ug/l

RT: 7.652 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

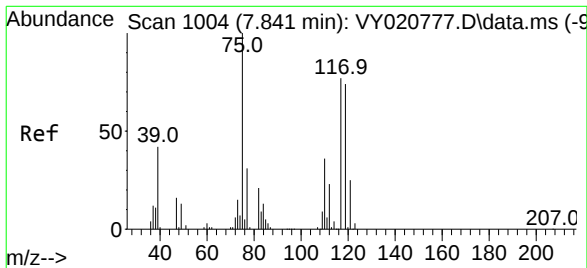
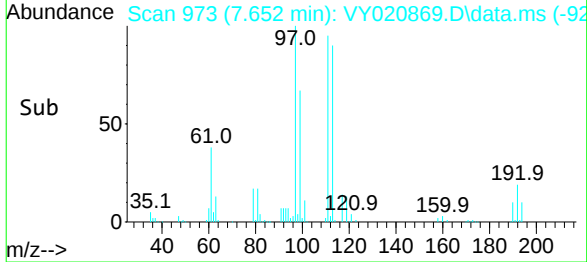
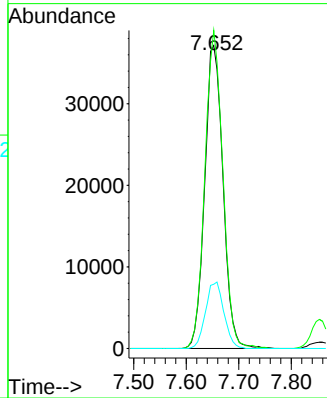
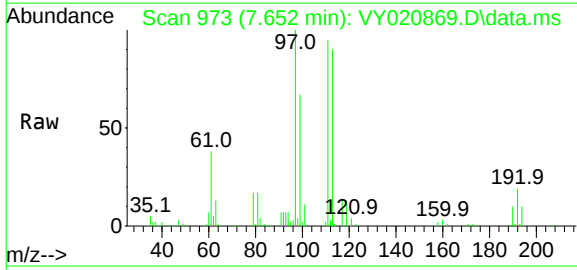
Tgt Ion:113 Resp: 90141

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

192 21.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 50.299 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

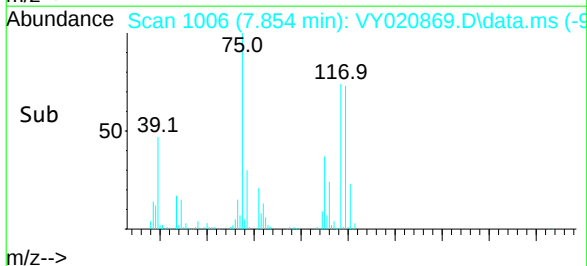
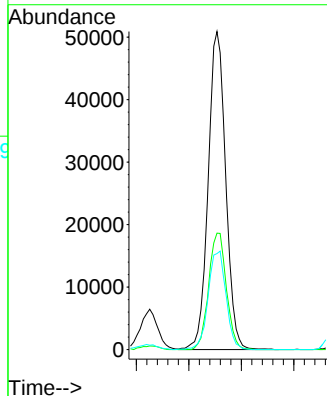
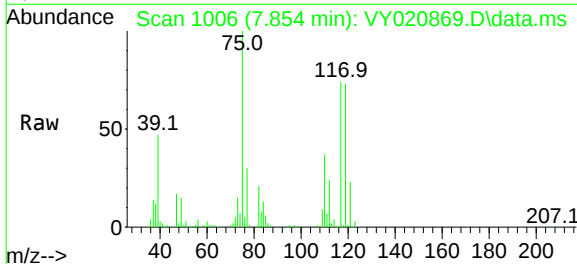
Tgt Ion: 75 Resp: 118097

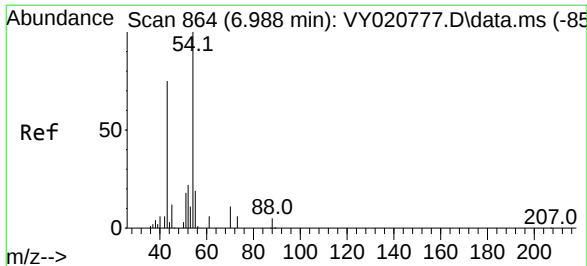
Ion Ratio Lower Upper

75 100

110 37.0 18.5 55.5

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 48.573 ug/l

RT: 7.006 min Scan# 86

Delta R.T. 0.018 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

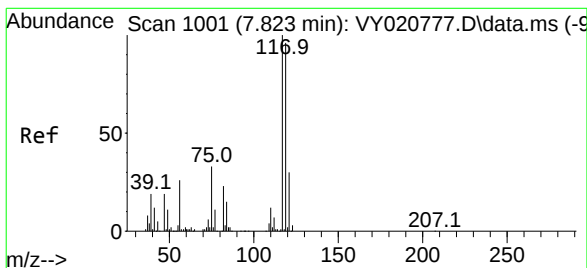
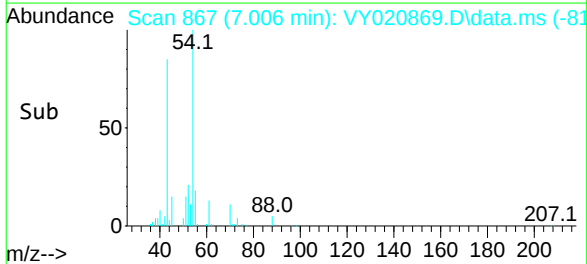
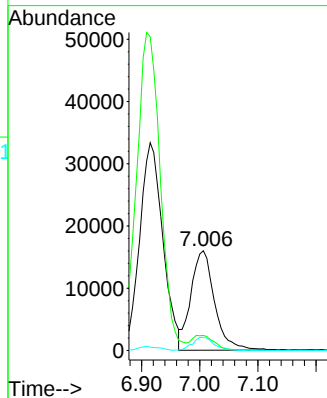
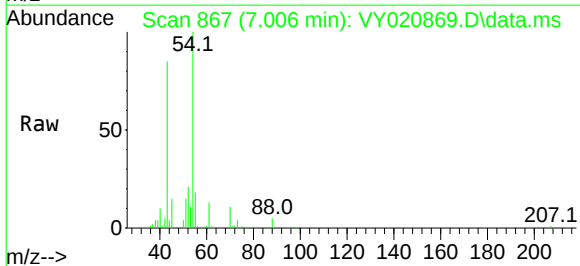
Tgt Ion: 43 Resp: 45384

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.6

70 12.1 9.8 14.8



#38

Carbon Tetrachloride

Concen: 48.103 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

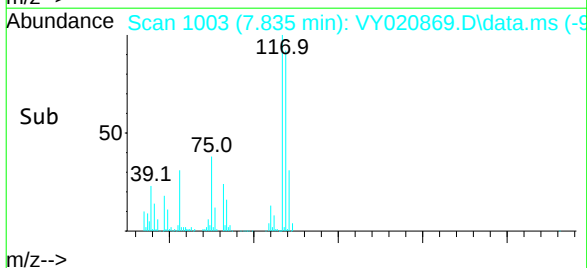
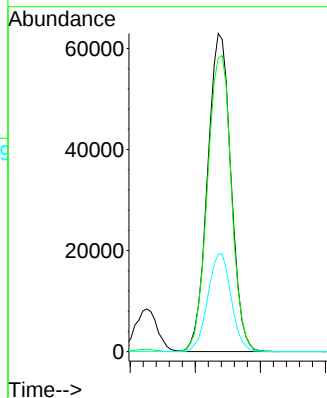
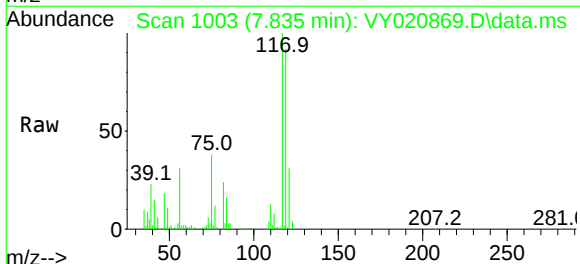
Tgt Ion:117 Resp: 157215

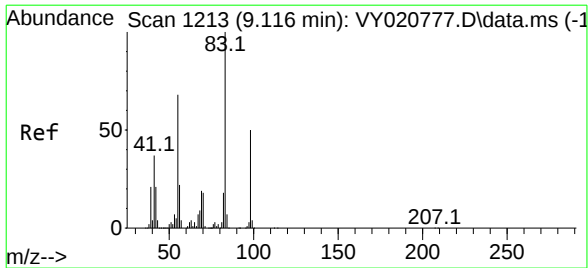
Ion Ratio Lower Upper

117 100

119 92.2 76.5 114.7

121 30.7 24.3 36.5

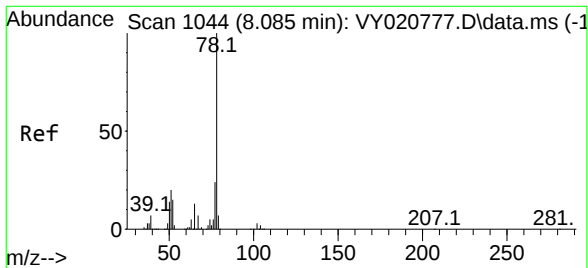
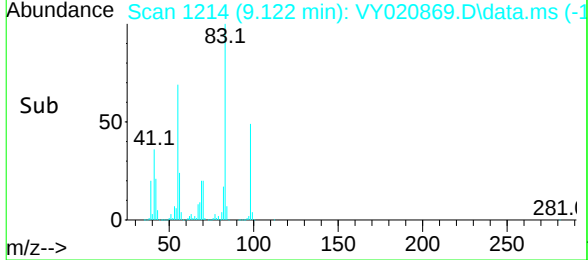
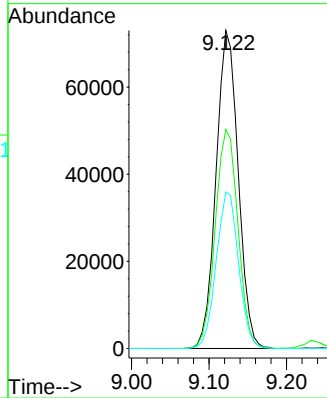
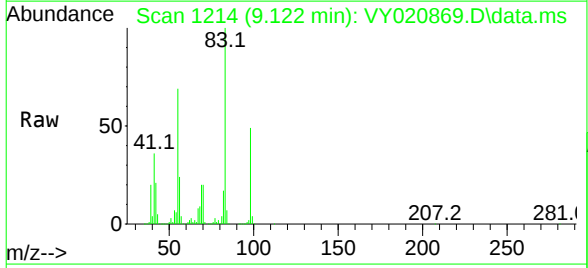




#39
Methylcyclohexane
Concen: 50.314 ug/l
RT: 9.122 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

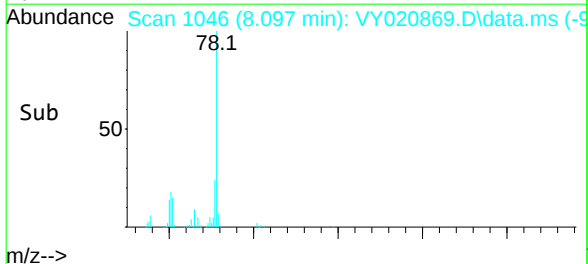
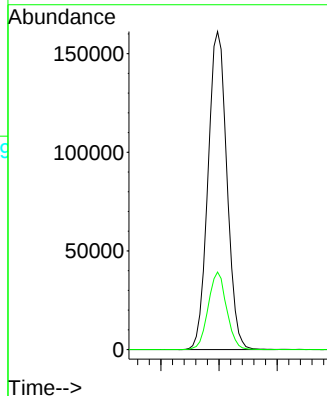
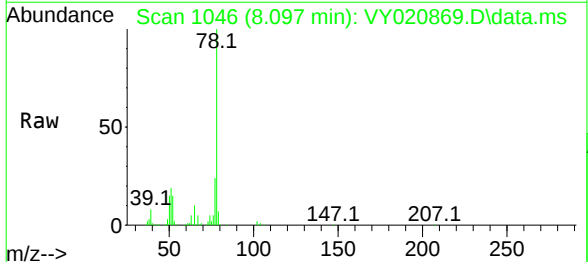
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

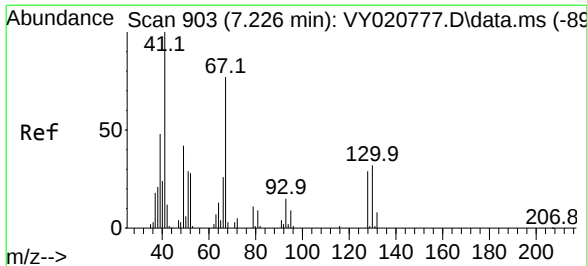
Tgt Ion:	83	Resp:	144962
Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.8	82.2
98	49.2	40.0	60.0



#40
Benzene
Concen: 50.532 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:	78	Resp:	364134
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2

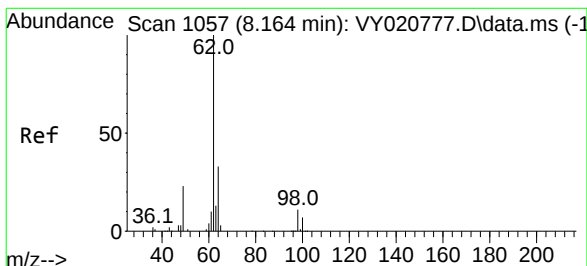
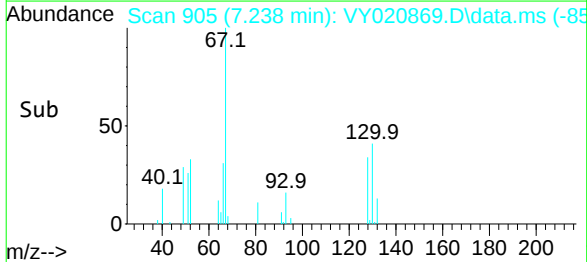
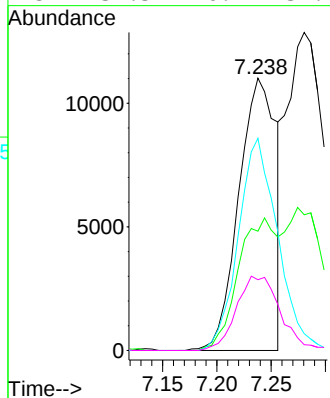
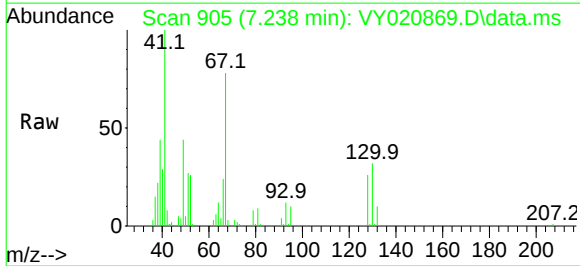




#41
Methacrylonitrile
Concen: 49.012 ug/l
RT: 7.238 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

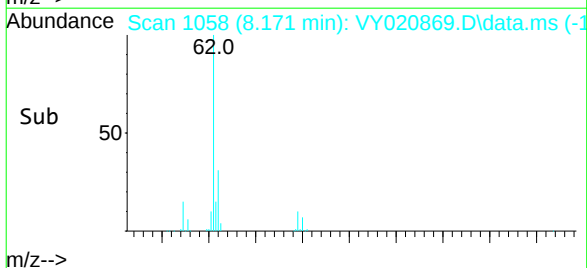
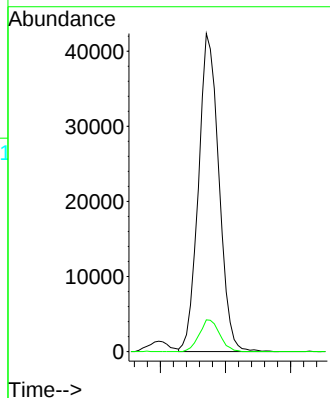
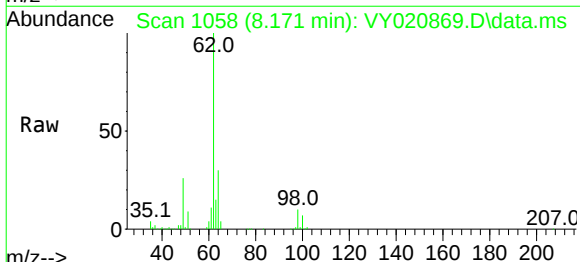
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

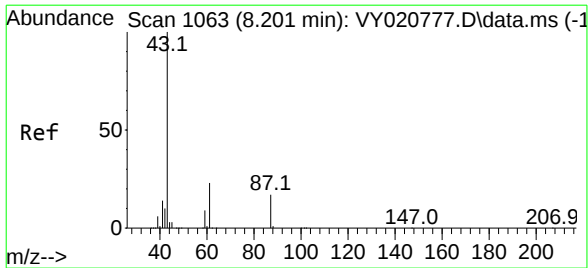
Tgt Ion:	41	Resp:	26226
Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.4	63.6
67	82.9	67.8	101.8
52	32.3	26.2	39.4



#42
1,2-Dichloroethane
Concen: 46.944 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:	62	Resp:	92382
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6

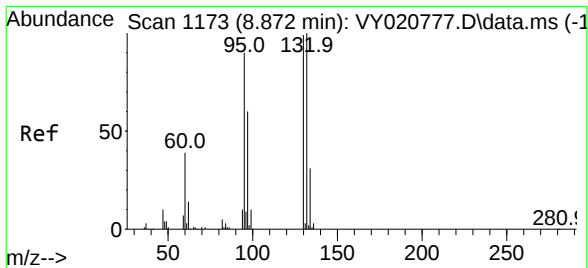
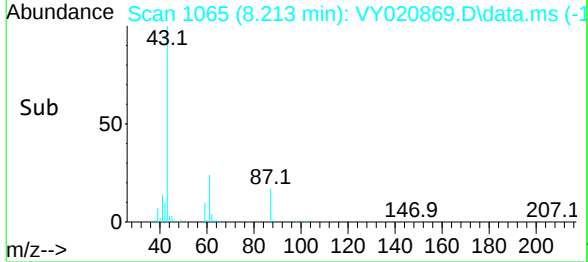
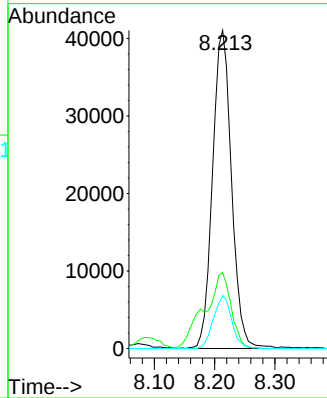
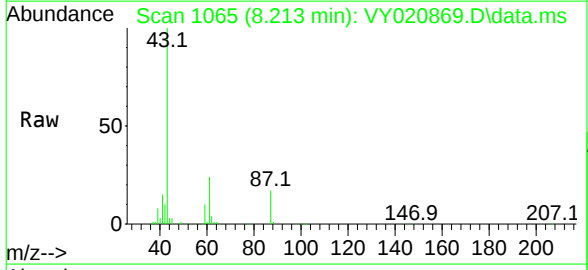




#43
Isopropyl Acetate
Concen: 47.160 ug/l
RT: 8.213 min Scan# 1063
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

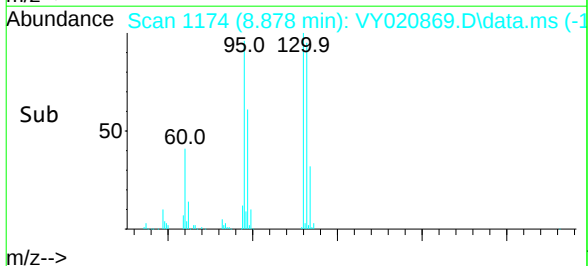
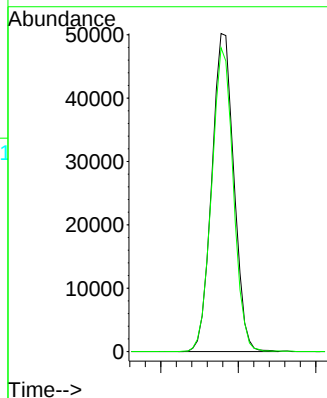
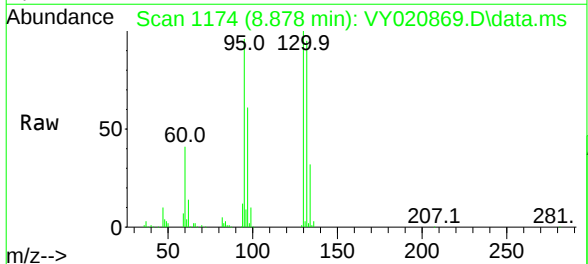
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

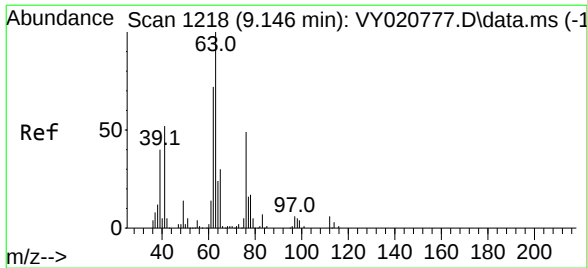
Tgt Ion: 43 Resp: 89624
Ion Ratio Lower Upper
43 100
61 33.5 26.5 39.7
87 16.0 13.4 20.0



#44
Trichloroethene
Concen: 49.436 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:130 Resp: 99308
Ion Ratio Lower Upper
130 100
95 95.5 0.0 181.0

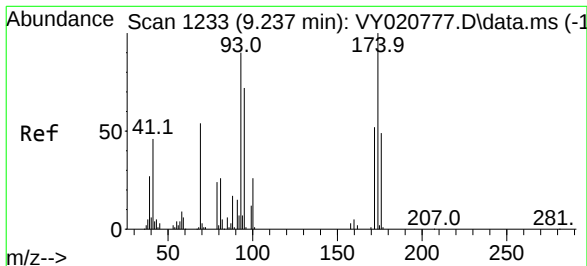
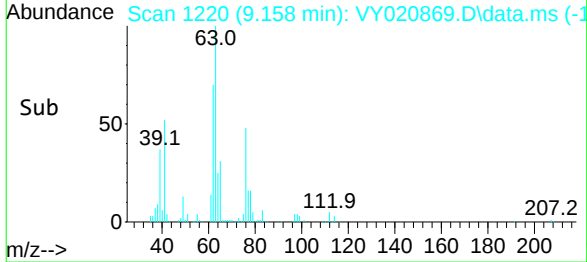
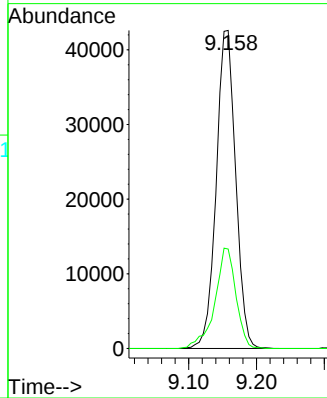
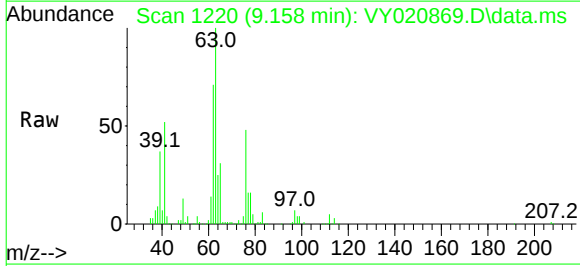




#45
1,2-Dichloropropane
Concen: 51.901 ug/l
RT: 9.158 min Scan# 1218
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

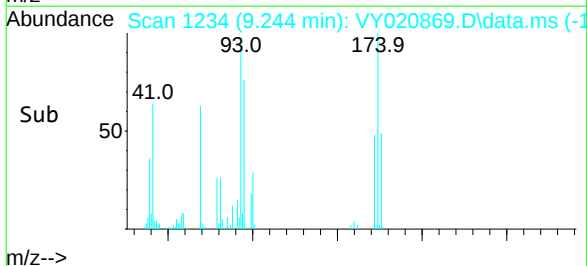
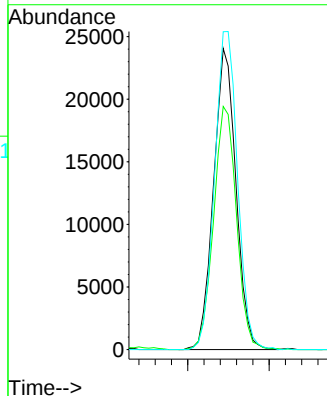
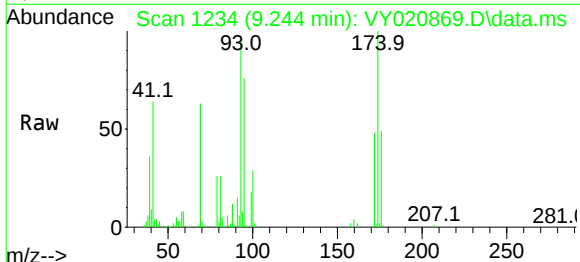
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

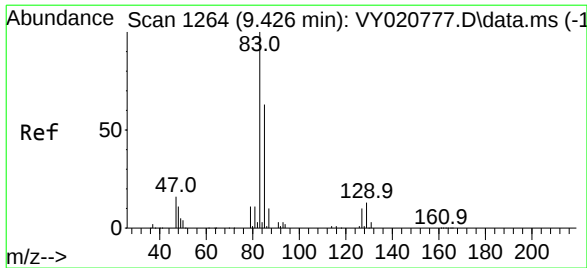
Tgt Ion: 63 Resp: 84786
Ion Ratio Lower Upper
63 100
65 31.3 24.2 36.4



#46
Dibromomethane
Concen: 48.975 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 93 Resp: 45943
Ion Ratio Lower Upper
93 100
95 82.6 68.2 102.4
174 108.3 89.0 133.6

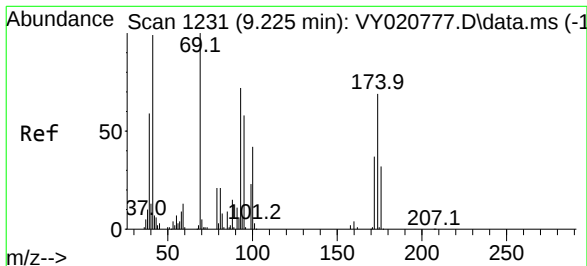
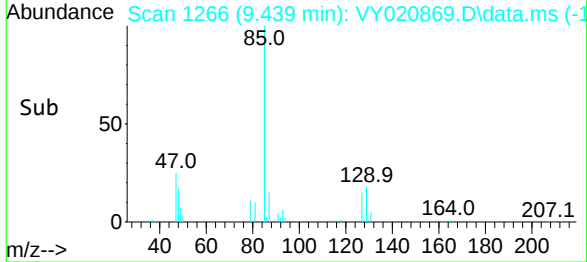
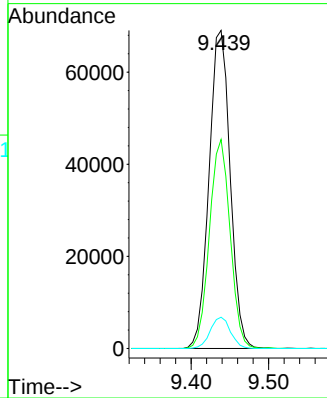
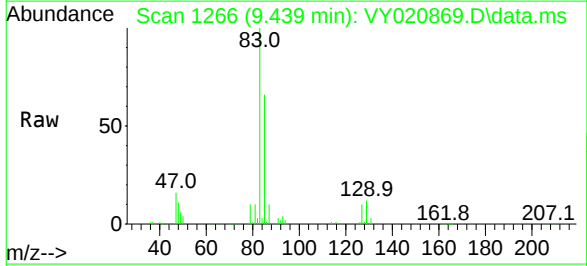




#47
Bromodichloromethane
Concen: 48.686 ug/l
RT: 9.439 min Scan# 12
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

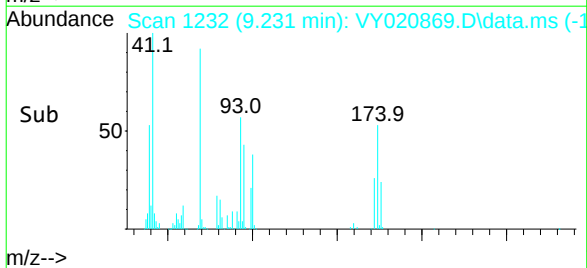
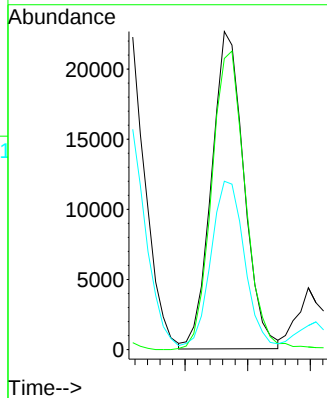
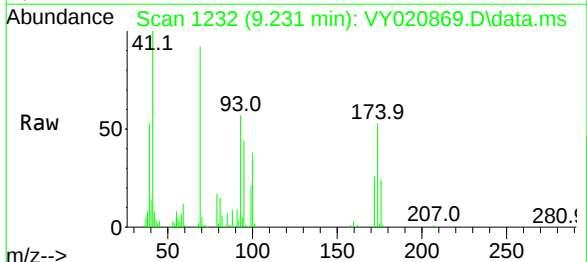
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

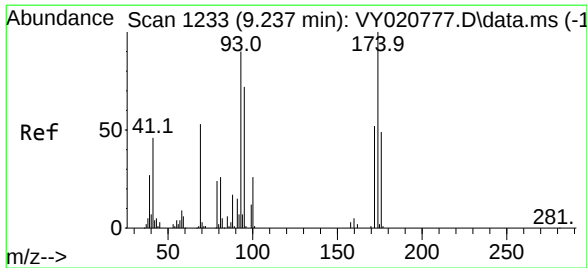
Tgt Ion: 83 Resp: 130800
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 47.855 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 41 Resp: 40772
Ion Ratio Lower Upper
41 100
69 97.6 78.9 118.3
39 53.1 44.6 67.0

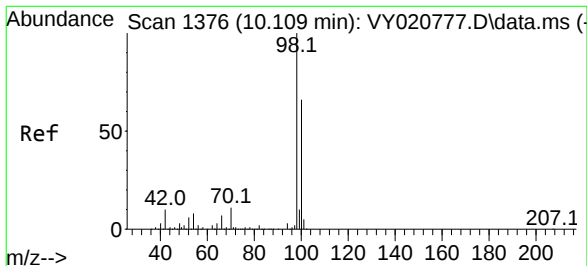
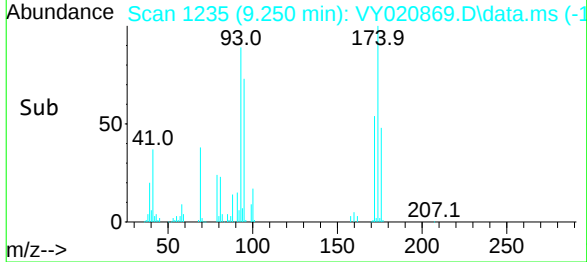
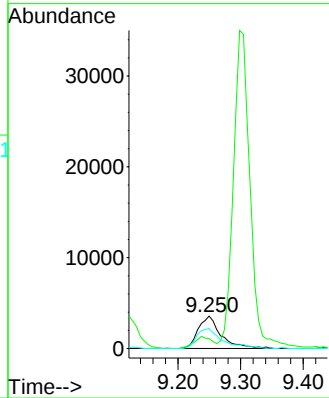
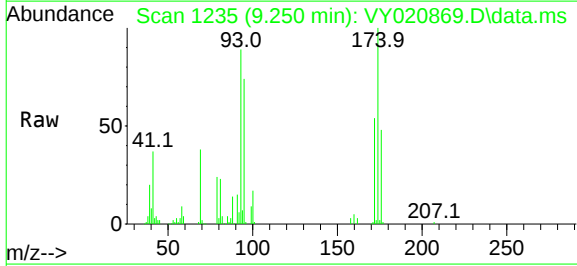




#49
1,4-Dioxane
Concen: 900.801 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

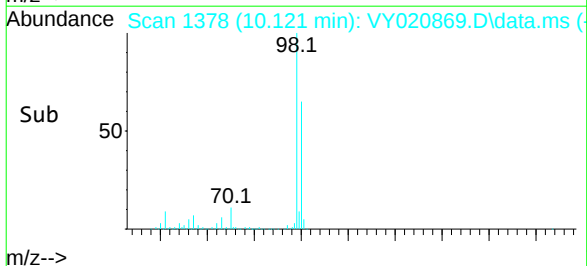
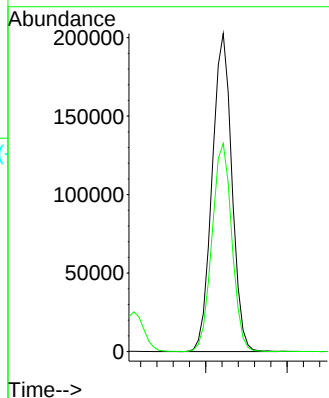
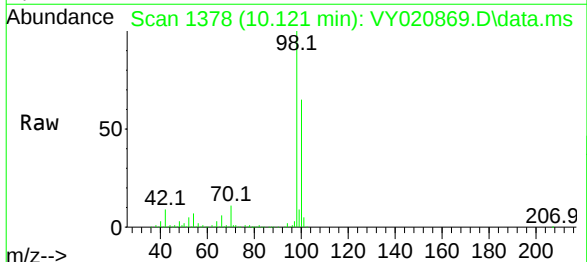
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

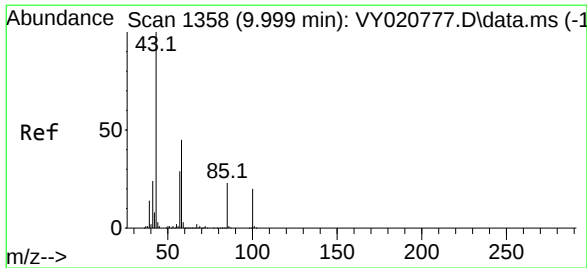
Tgt Ion: 88 Resp: 8972
Ion Ratio Lower Upper
88 100
43 29.7 24.4 36.6
58 69.6 51.0 76.6



#50
Toluene-d8
Concen: 53.237 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 98 Resp: 341620
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

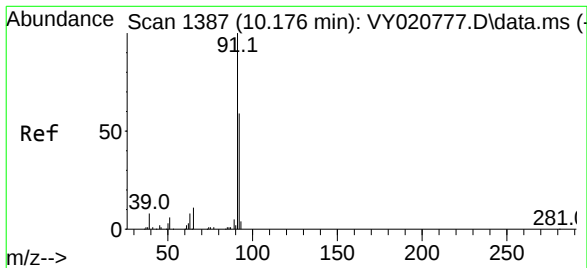
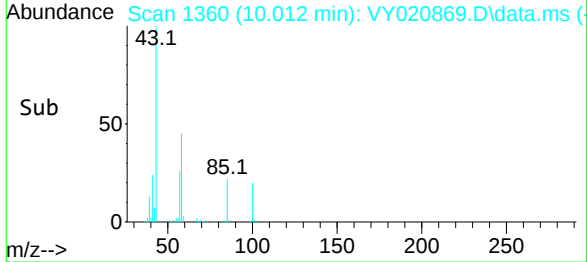
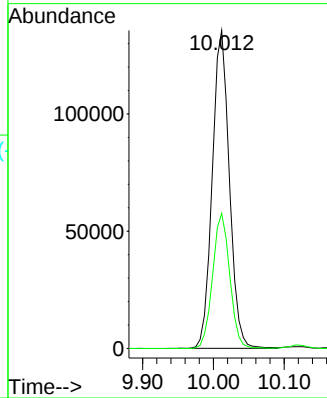
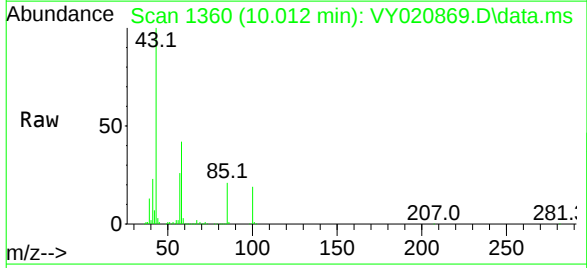




#51
4-Methyl-2-Pentanone
Concen: 239.513 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

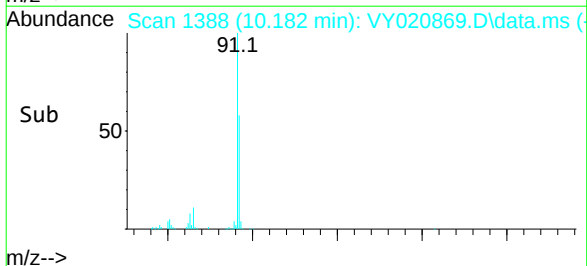
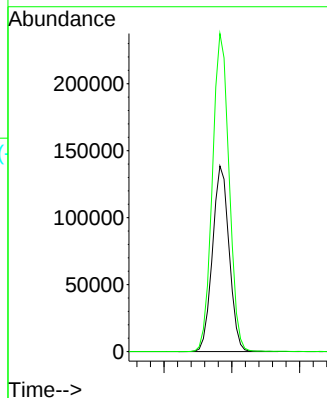
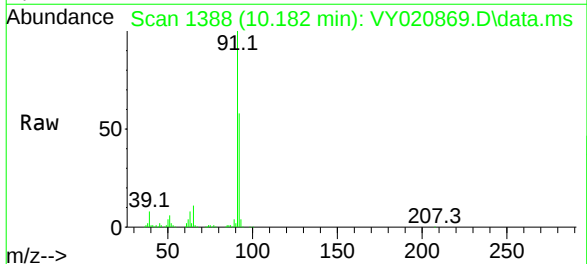
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

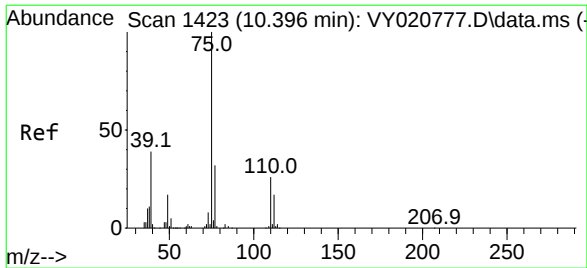
Tgt Ion: 43 Resp: 227401
Ion Ratio Lower Upper
43 100
58 42.6 34.8 52.2



#52
Toluene
Concen: 49.550 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 92 Resp: 236443
Ion Ratio Lower Upper
92 100
91 171.9 136.6 204.8

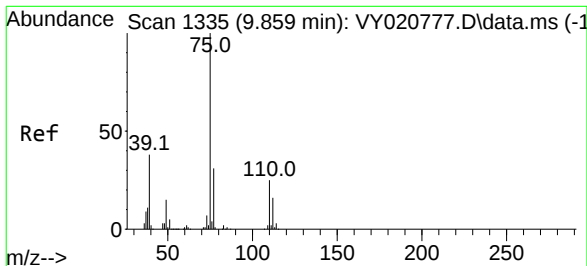
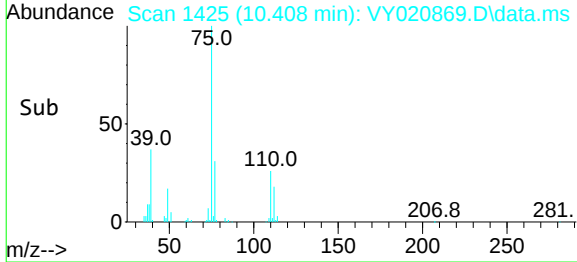
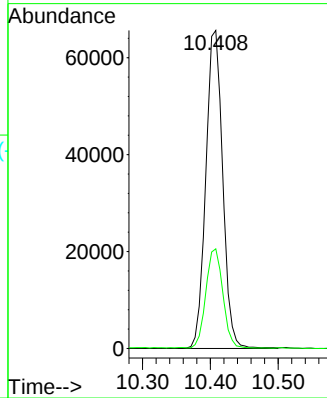
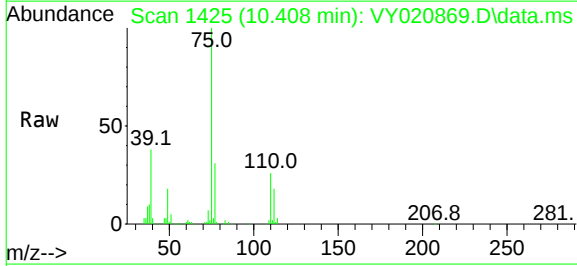




#53
t-1,3-Dichloropropene
Concen: 47.496 ug/l
RT: 10.408 min Scan# 1423
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

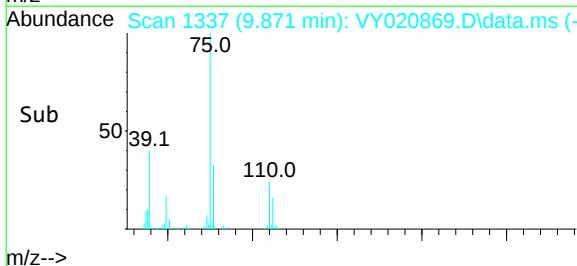
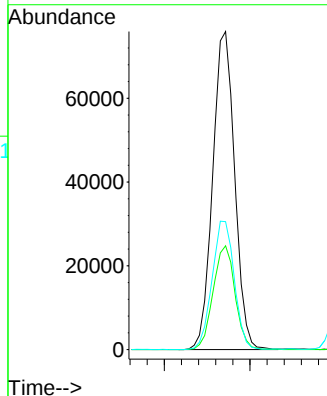
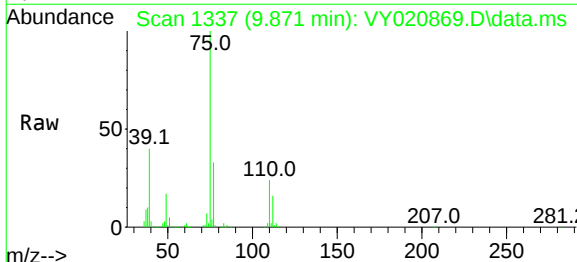
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

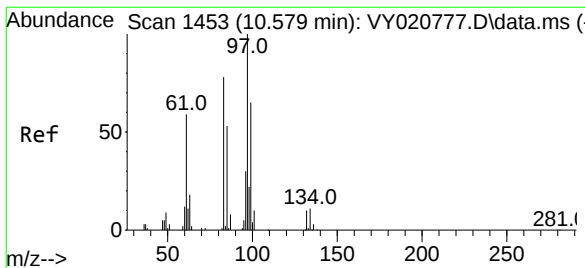
Tgt Ion: 75 Resp: 113491
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 48.736 ug/l
RT: 9.871 min Scan# 1337
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 75 Resp: 135248
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7
39 40.2 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 48.200 ug/l

RT: 10.585 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020869.D

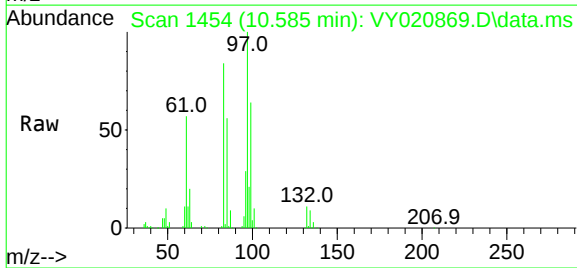
Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 64597

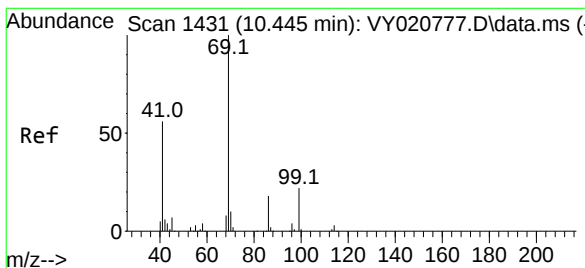
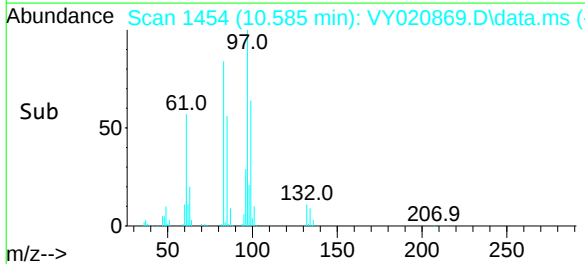
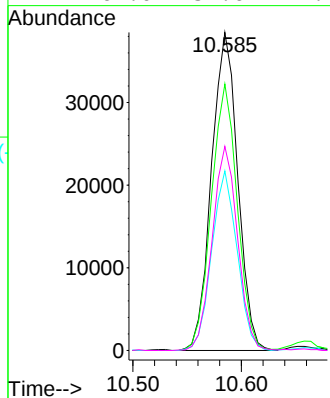
Ion Ratio Lower Upper

97 100

83 83.8 62.8 94.2

85 56.4 42.4 63.6

99 64.0 51.6 77.4



#56

Ethyl methacrylate

Concen: 48.169 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

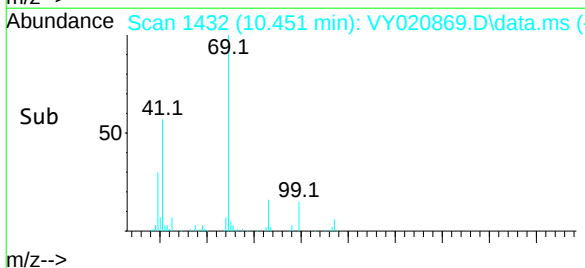
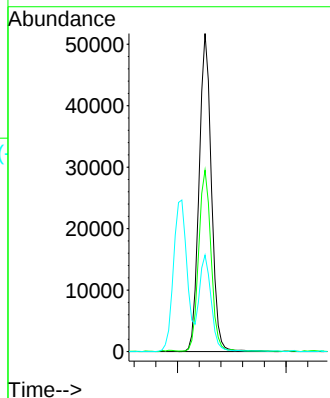
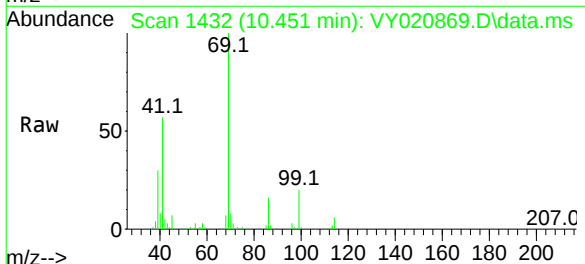
Tgt Ion: 69 Resp: 81527

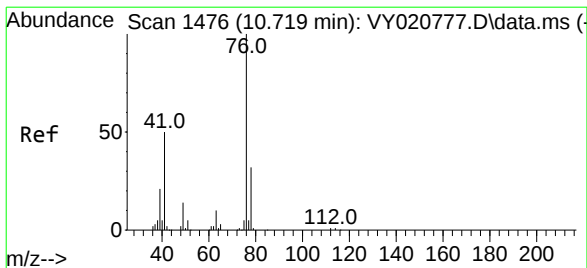
Ion Ratio Lower Upper

69 100

41 57.0 46.6 69.8

39 28.4 25.7 38.5





#57

1,3-Dichloropropane

Concen: 48.861 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

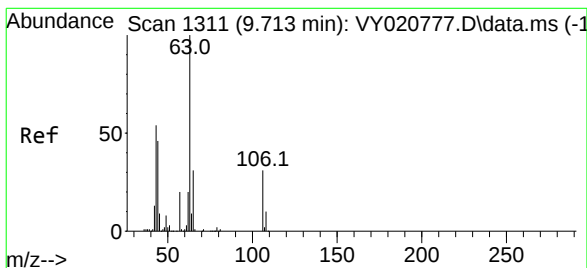
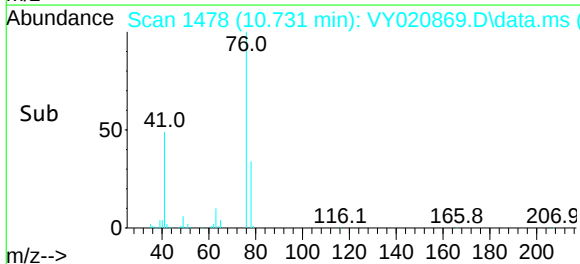
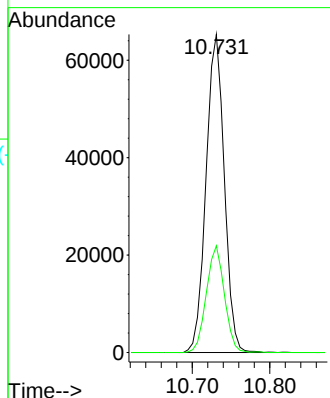
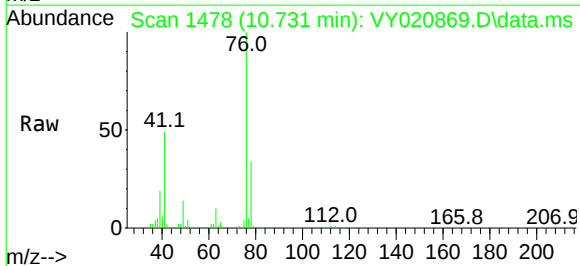
VSTDCCC050

Tgt Ion: 76 Resp: 106738

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.285 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020869.D

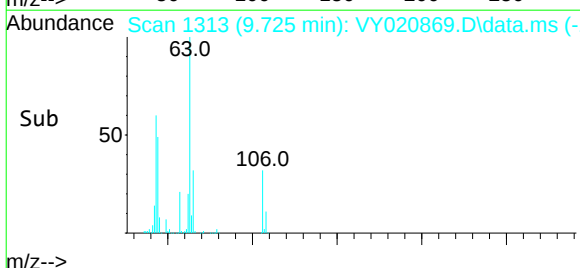
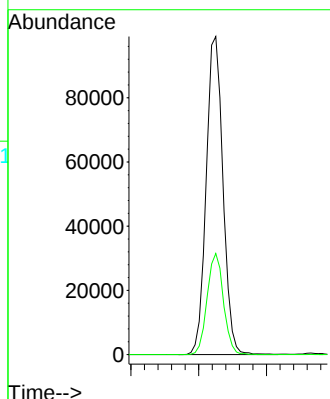
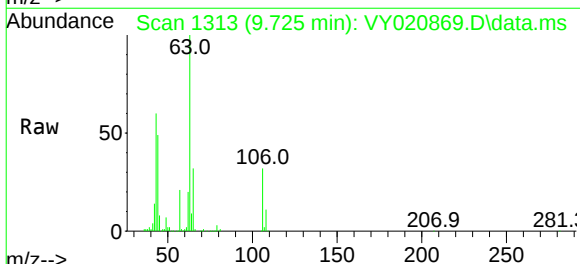
Acq: 20 Jan 2025 09:30

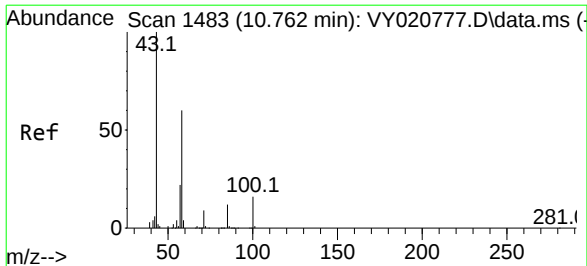
Tgt Ion: 63 Resp: 170067

Ion Ratio Lower Upper

63 100

106 30.9 25.9 38.9





#59

2-Hexanone

Concen: 240.031 ug/l

RT: 10.774 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

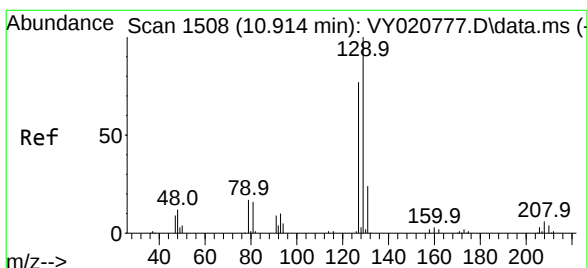
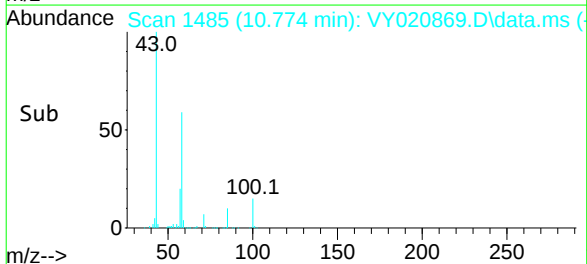
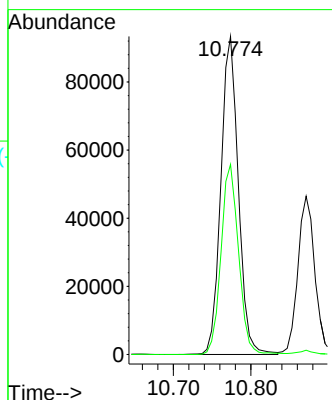
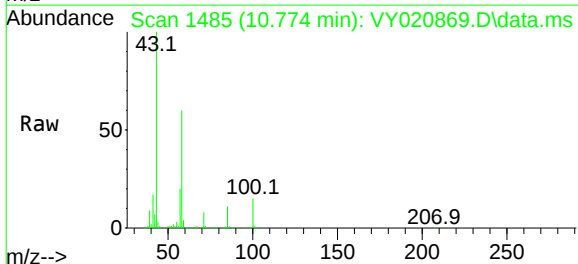
VSTDCCC050

Tgt Ion: 43 Resp: 146204

Ion Ratio Lower Upper

43 100

58 60.0 30.6 92.0



#60

Dibromochloromethane

Concen: 47.651 ug/l

RT: 10.926 min Scan# 1510

Delta R.T. 0.012 min

Lab File: VY020869.D

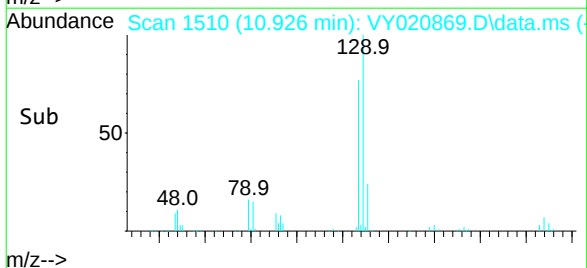
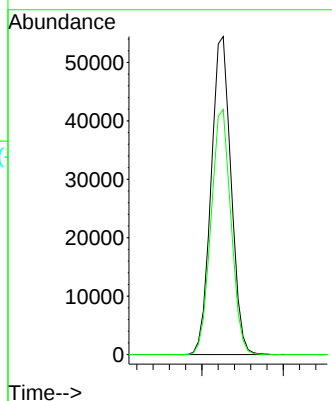
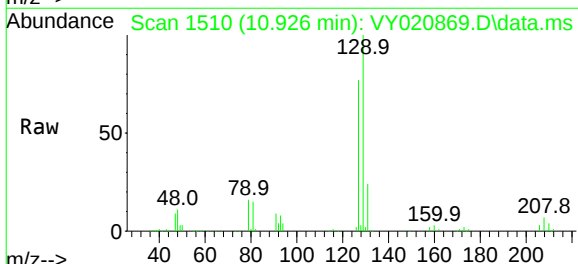
Acq: 20 Jan 2025 09:30

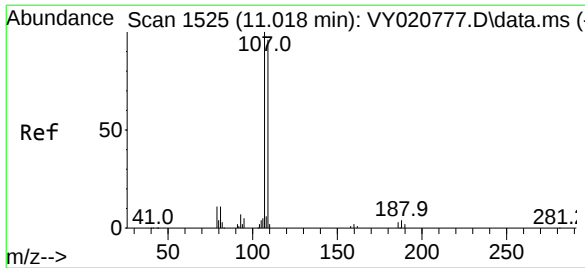
Tgt Ion: 129 Resp: 92619

Ion Ratio Lower Upper

129 100

127 77.1 38.3 114.9

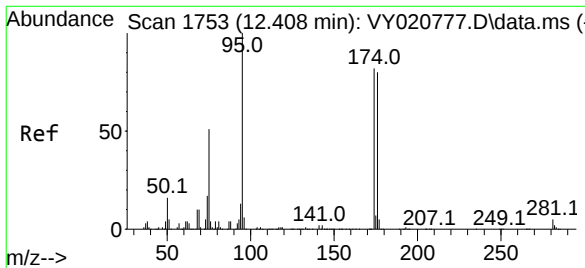
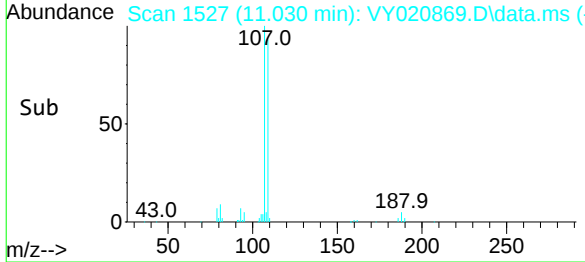
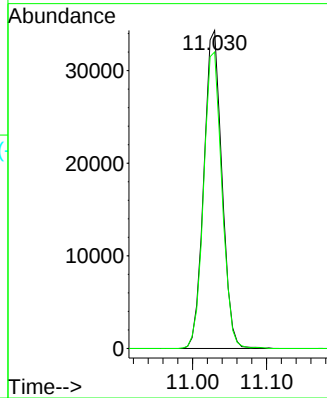
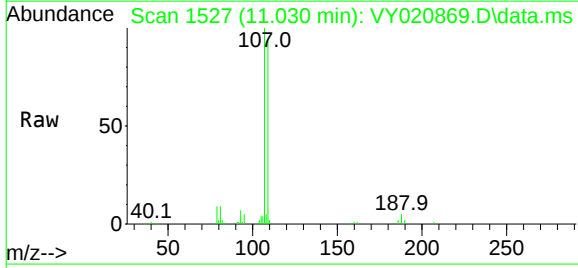




#61
1,2-Dibromoethane
Concen: 48.357 ug/l
RT: 11.030 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

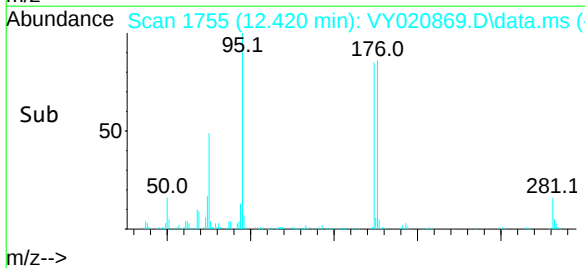
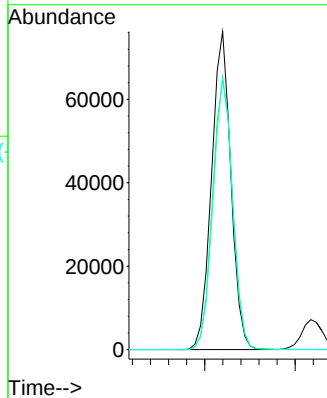
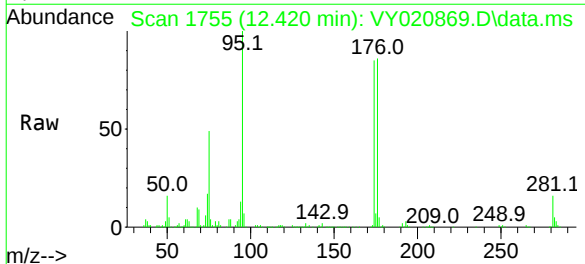
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

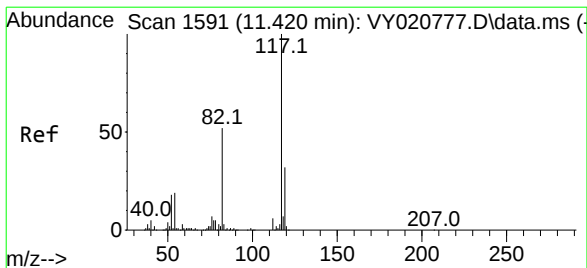
Tgt Ion: 107 Resp: 58182
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 47.859 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 95 Resp: 113410
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.0
176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1593

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

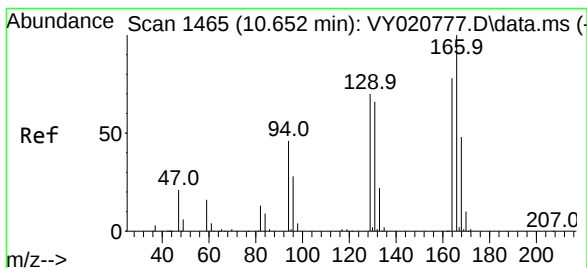
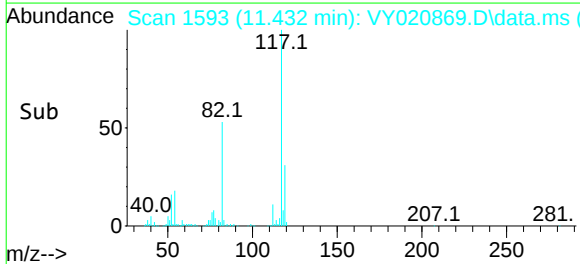
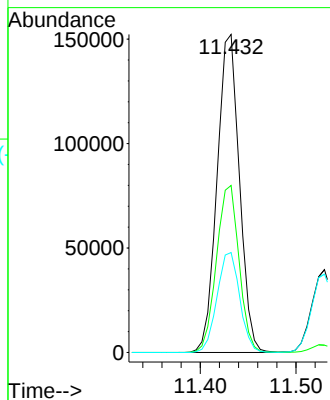
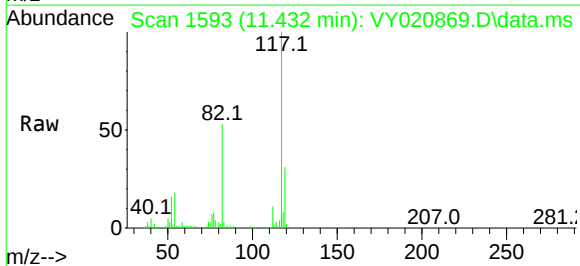
Tgt Ion:117 Resp: 247031

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.6

119 31.4 25.8 38.8



#64

Tetrachloroethene

Concen: 48.545 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Tgt Ion:164 Resp: 88168

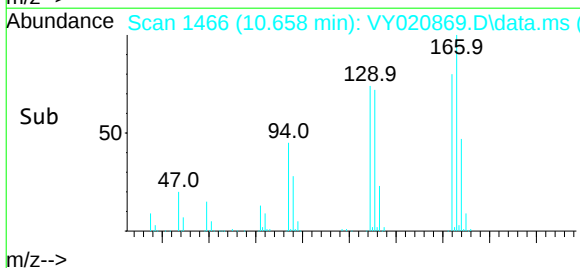
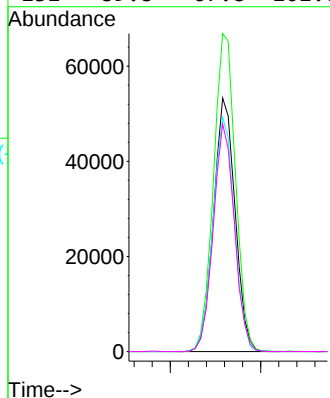
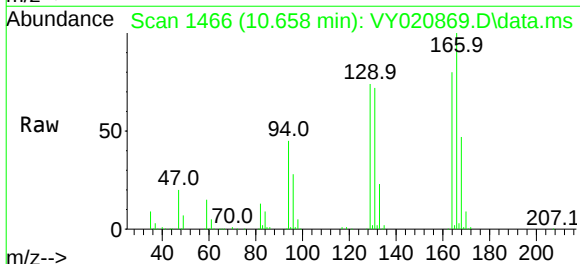
Ion Ratio Lower Upper

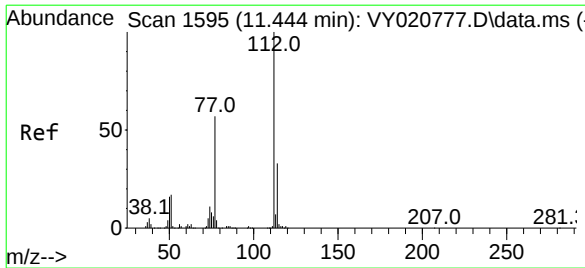
164 100

166 125.4 102.0 153.0

129 92.3 71.4 107.2

131 89.8 67.8 101.6





#65

Chlorobenzene

Concen: 48.135 ug/l

RT: 11.457 min Scan# 1597

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

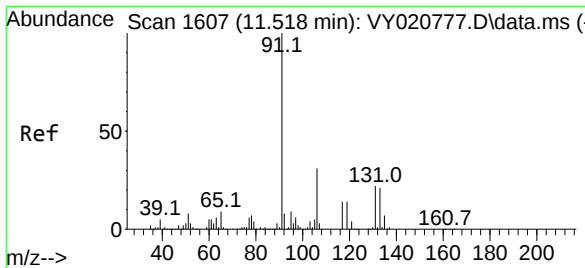
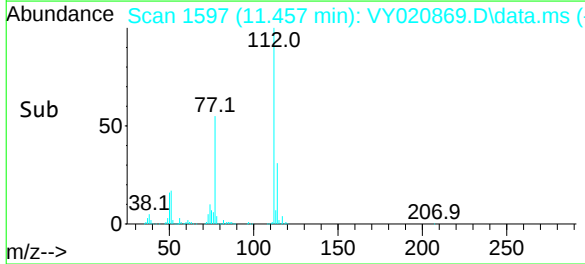
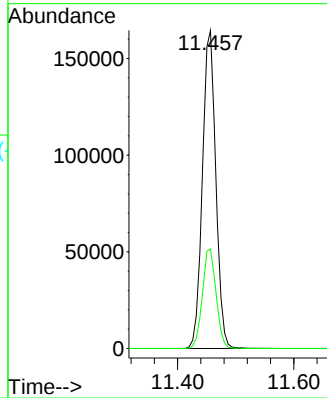
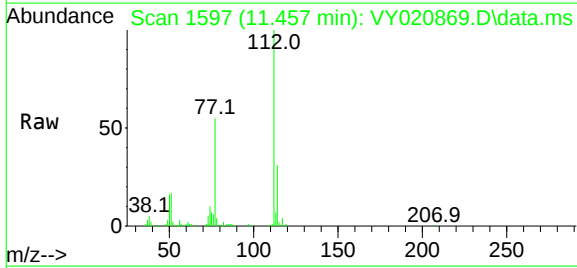
VSTDCCC050

Tgt Ion:112 Resp: 262902

Ion Ratio Lower Upper

112 100

114 31.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.530 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

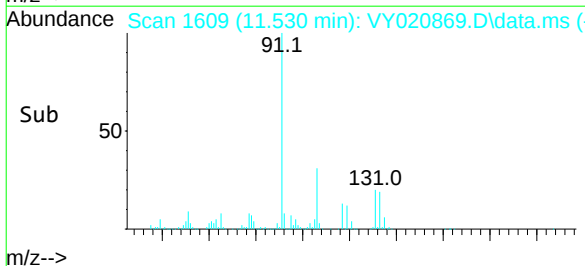
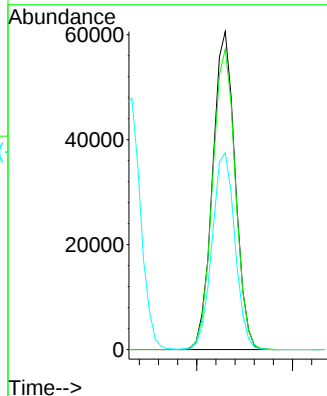
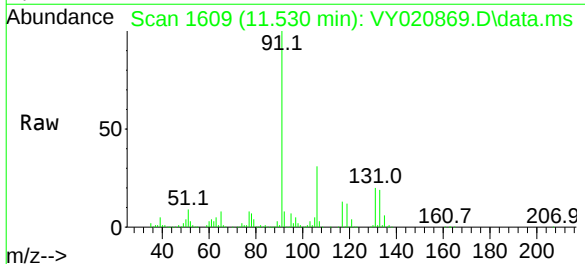
Tgt Ion:131 Resp: 98827

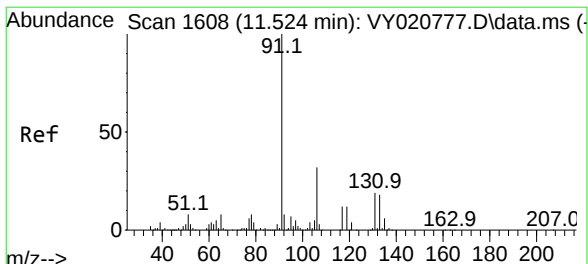
Ion Ratio Lower Upper

131 100

133 95.8 46.9 140.8

119 63.0 30.2 90.6

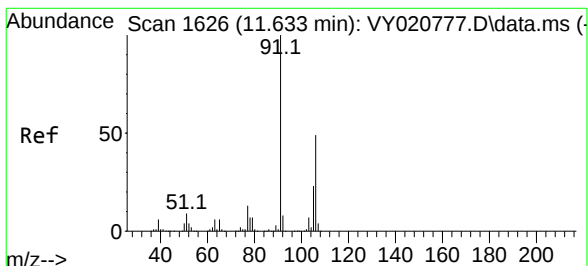
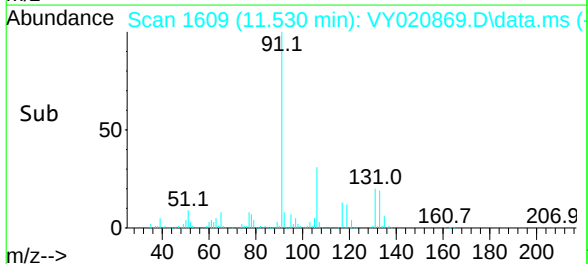
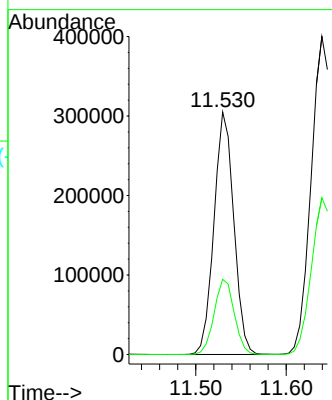
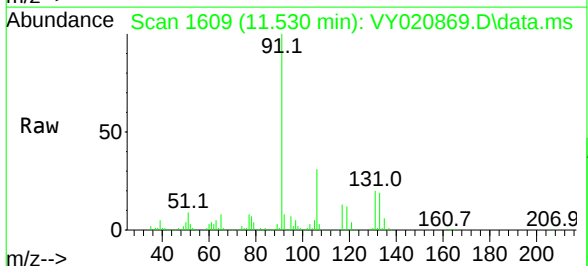




#67
 Ethyl Benzene
 Concen: 49.142 ug/l
 RT: 11.530 min Scan# 1608
 Delta R.T. 0.006 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

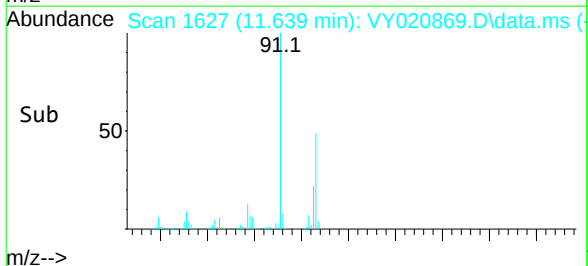
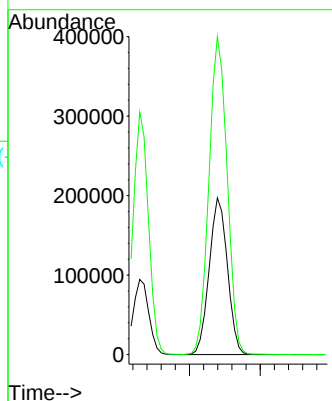
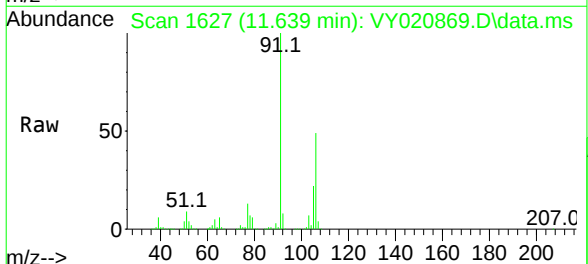
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

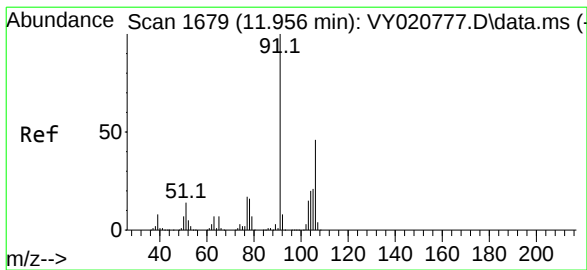
Tgt Ion: 91 Resp: 464695
 Ion Ratio Lower Upper
 91 100
 106 31.0 25.5 38.3



#68
 m/p-Xylenes
 Concen: 96.955 ug/l
 RT: 11.639 min Scan# 1627
 Delta R.T. 0.006 min
 Lab File: VY020869.D
 Acq: 20 Jan 2025 09:30

Tgt Ion: 106 Resp: 352993
 Ion Ratio Lower Upper
 106 100
 91 202.6 162.6 243.8

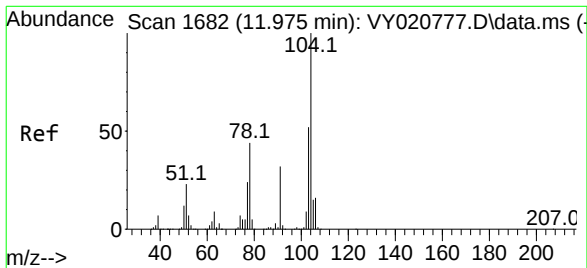
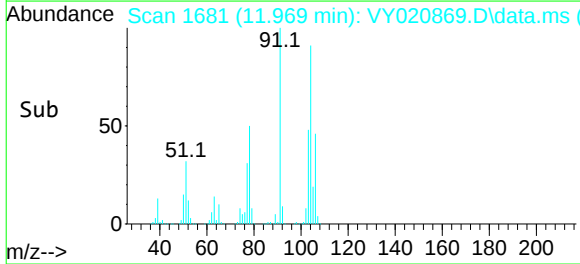
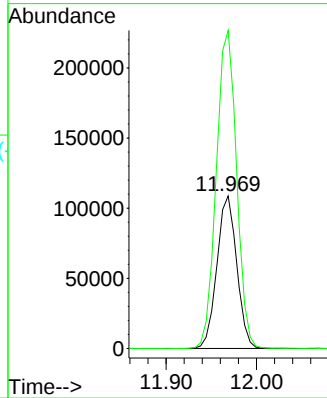
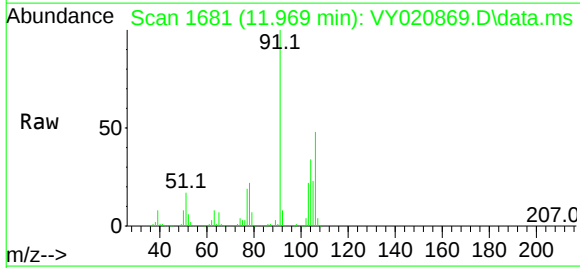




#69
o-Xylene
Concen: 48.080 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

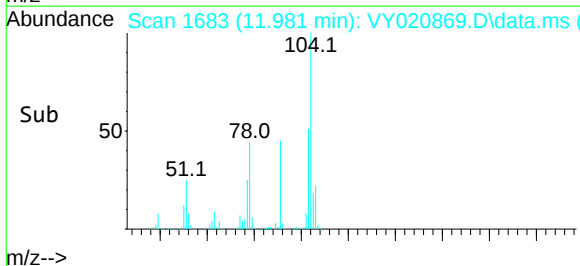
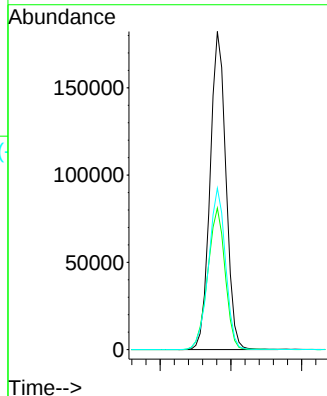
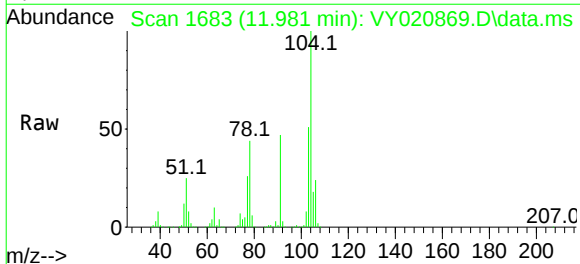
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

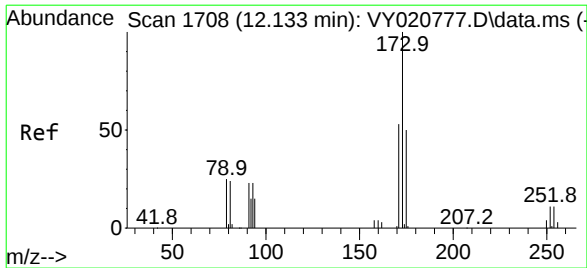
Tgt Ion:106 Resp: 165973
Ion Ratio Lower Upper
106 100
91 213.3 108.2 324.6



#70
Styrene
Concen: 48.824 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:104 Resp: 283712
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.2
103 54.1 44.0 66.0

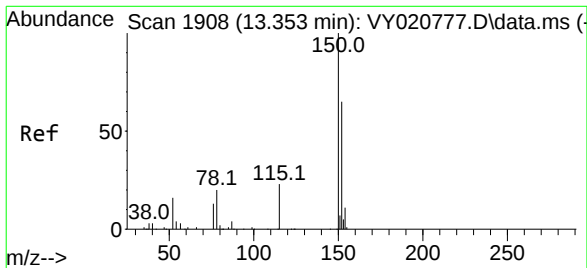
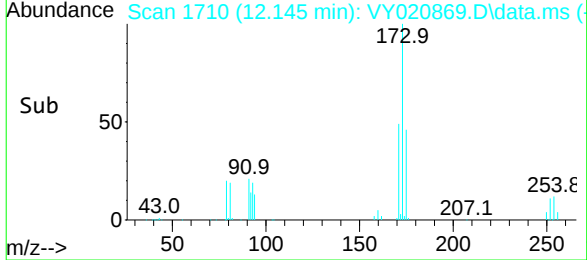
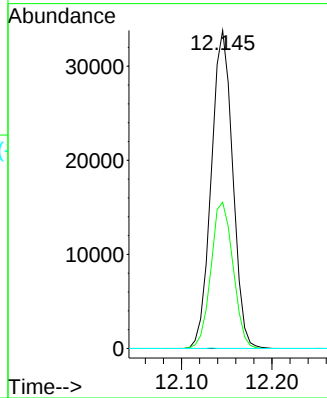
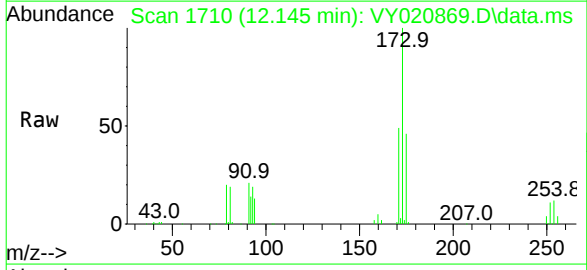




#71
Bromoform
Concen: 47.082 ug/l
RT: 12.145 min Scan# 1710
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

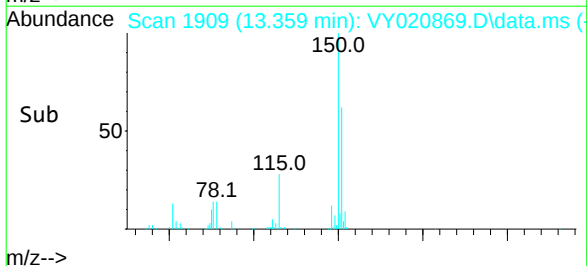
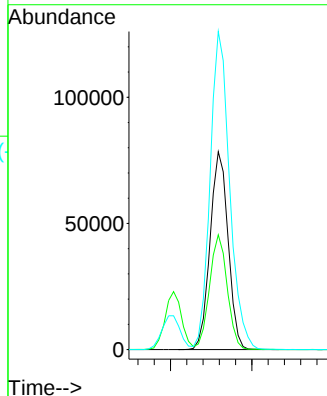
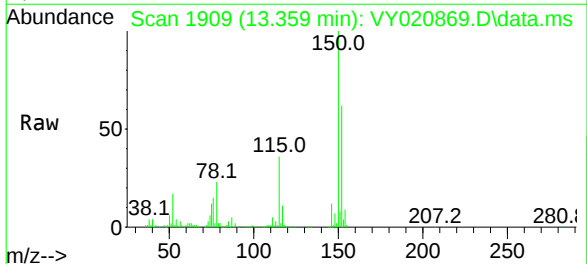
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

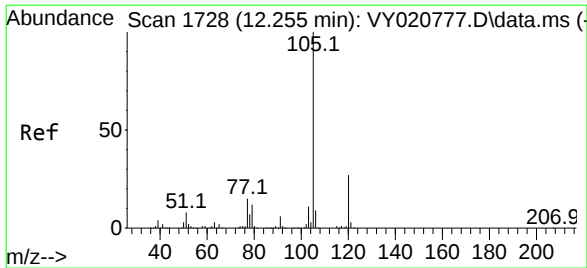
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.2	72.6
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.0	87.0
150	173.8	0.0	347.4





#73

Isopropylbenzene

Concen: 48.066 ug/l

RT: 12.267 min Scan# 17

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

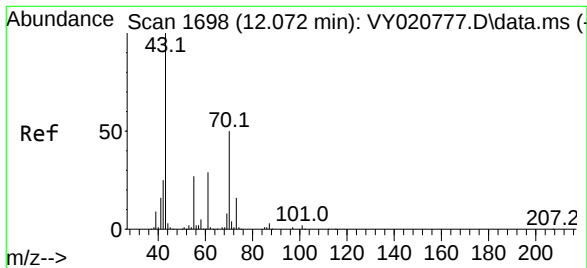
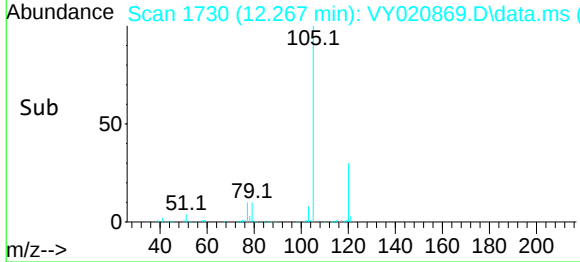
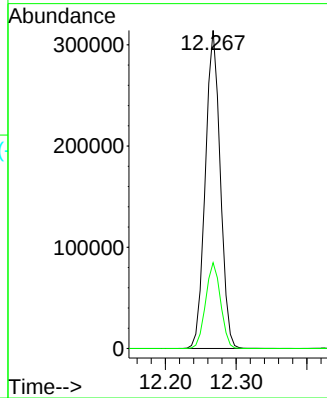
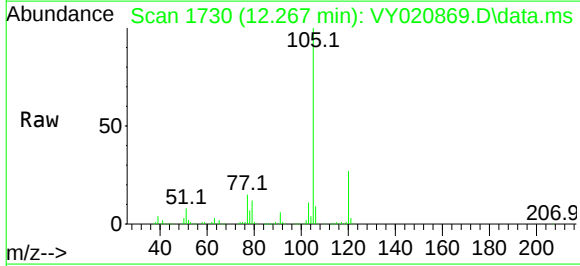
VSTDCCC050

Tgt Ion:105 Resp: 460658

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 48.897 ug/l

RT: 12.085 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Tgt Ion: 43 Resp: 76654

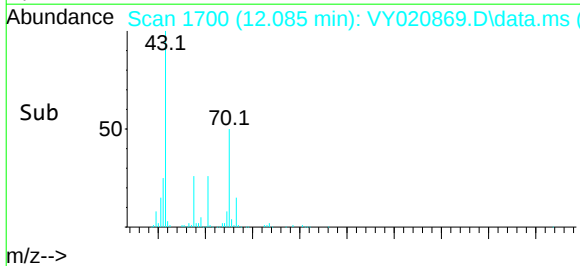
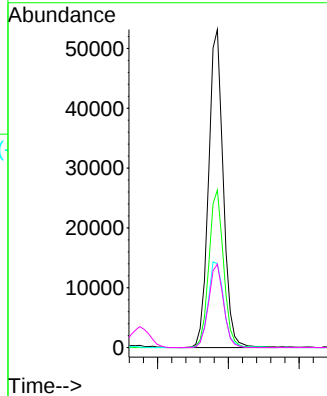
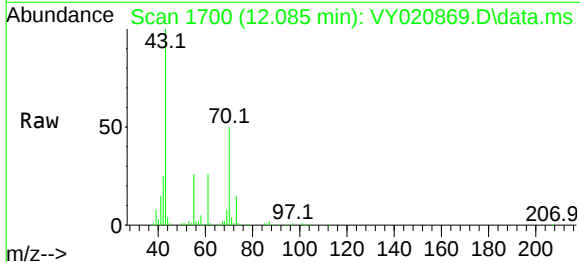
Ion Ratio Lower Upper

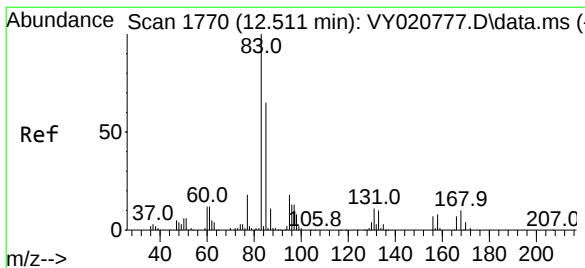
43 100

70 49.5 40.2 60.4

55 28.5 21.2 31.8

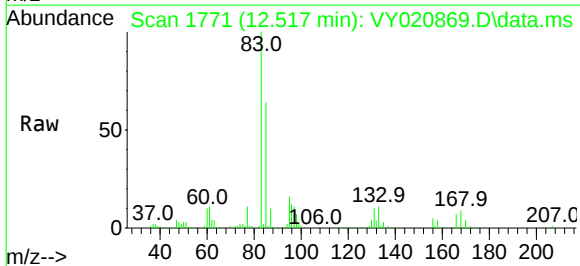
61 26.7 22.1 33.1



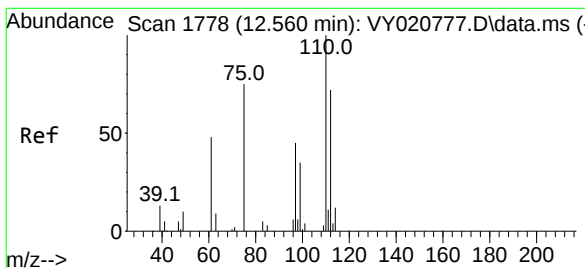
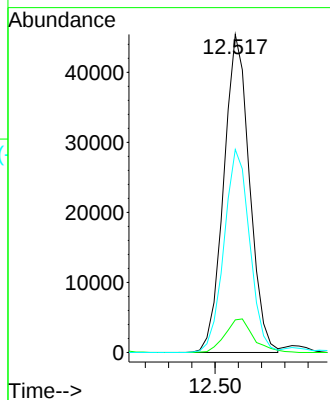
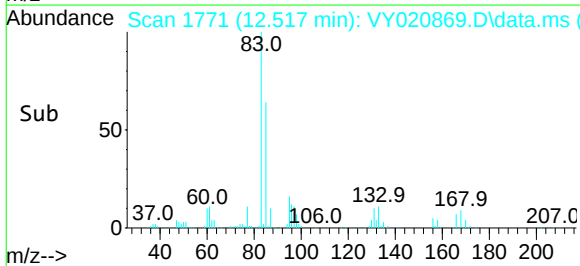


#75
1,1,2,2-Tetrachloroethane
Concen: 48.126 ug/l
RT: 12.517 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

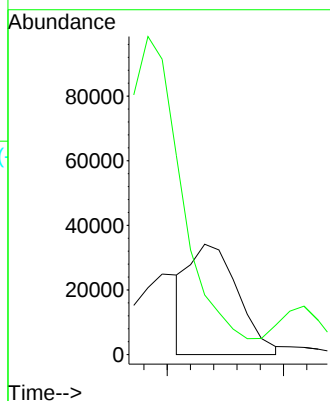
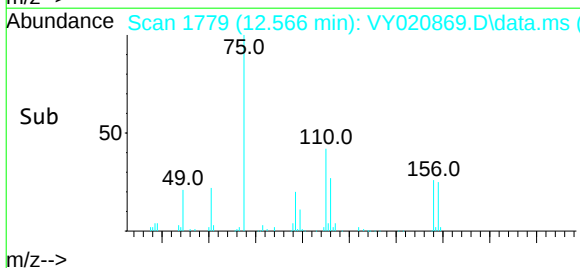
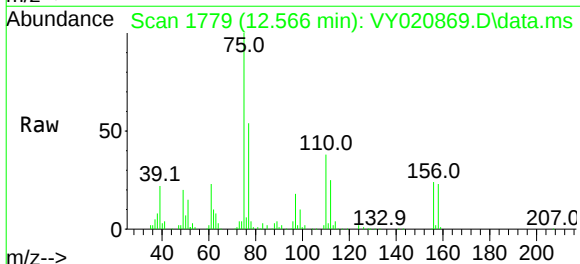


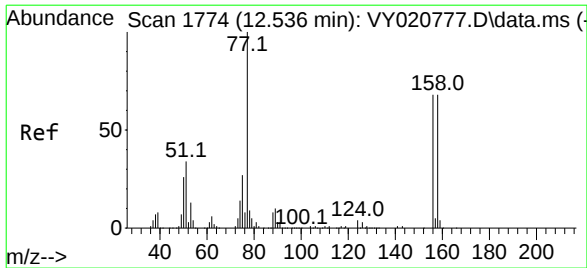
Tgt Ion: 83 Resp: 69906
Ion Ratio Lower Upper
83 100
131 11.6 6.0 18.0
85 63.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 47.620 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion: 75 Resp: 50336
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.606 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

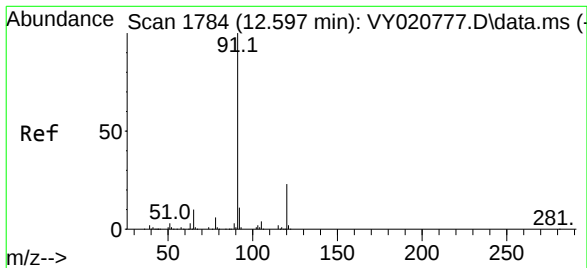
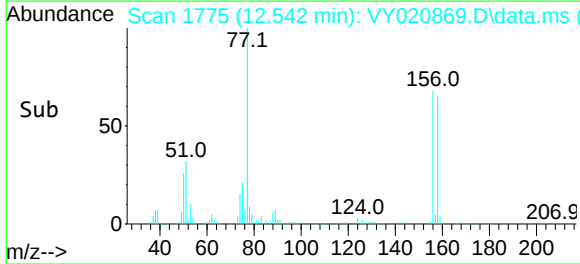
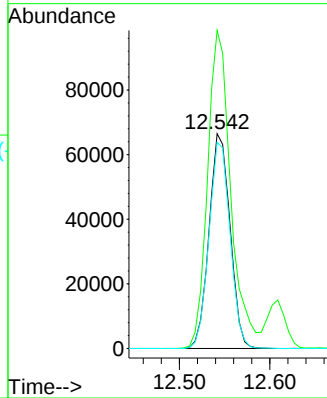
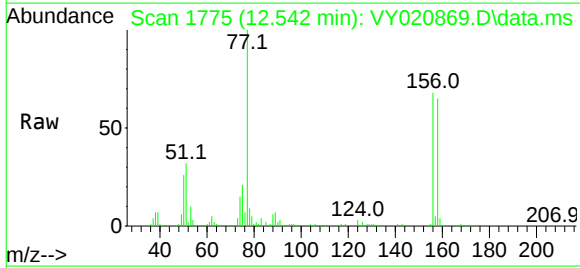
Tgt Ion:156 Resp: 107400

Ion Ratio Lower Upper

156 100

77 162.2 82.3 247.0

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 49.554 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VY020869.D

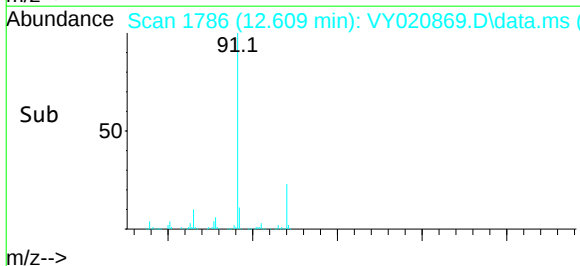
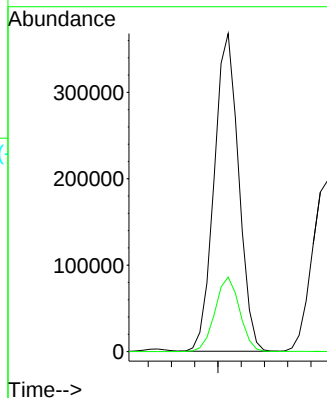
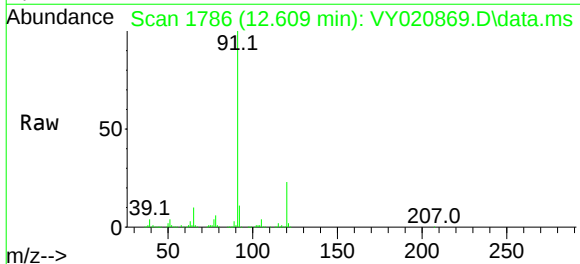
Acq: 20 Jan 2025 09:30

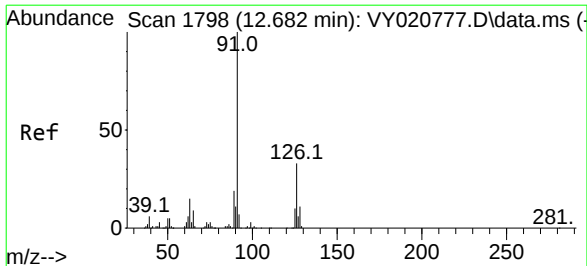
Tgt Ion: 91 Resp: 539056

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1





#79

2-Chlorotoluene

Concen: 48.552 ug/l

RT: 12.694 min Scan# 1800

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

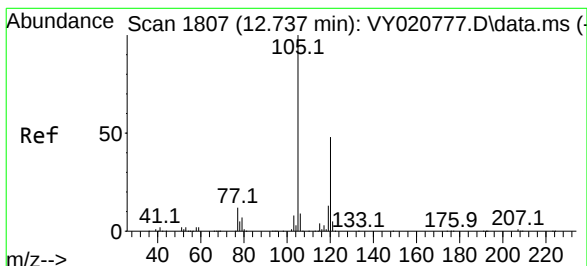
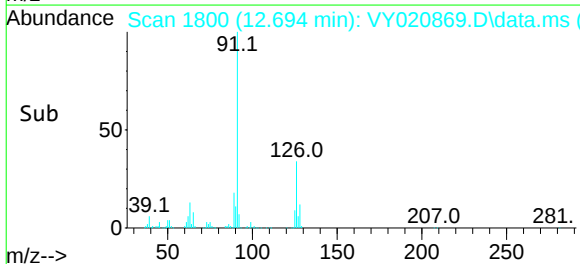
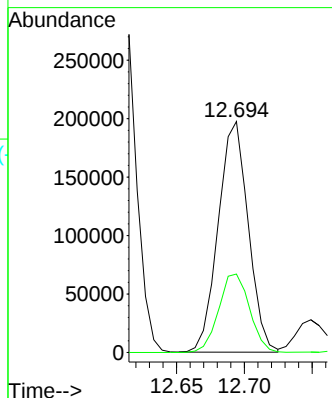
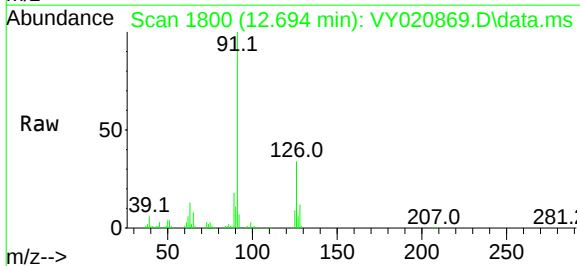
VSTDCCC050

Tgt Ion: 91 Resp: 304145

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 48.452 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.012 min

Lab File: VY020869.D

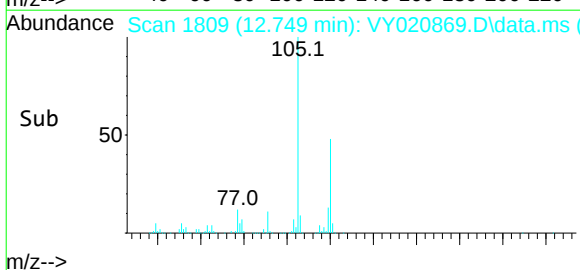
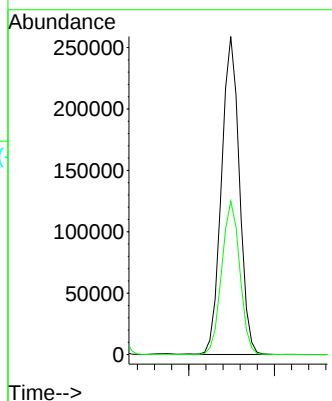
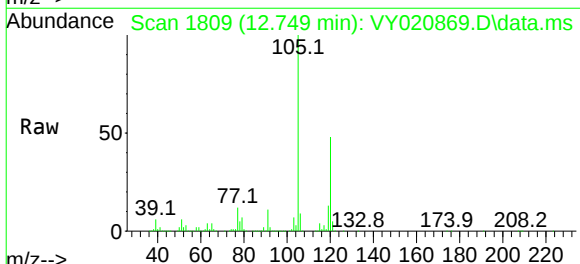
Acq: 20 Jan 2025 09:30

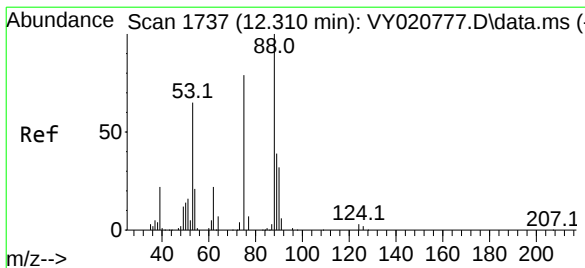
Tgt Ion: 105 Resp: 376322

Ion Ratio Lower Upper

105 100

120 48.7 24.5 73.5

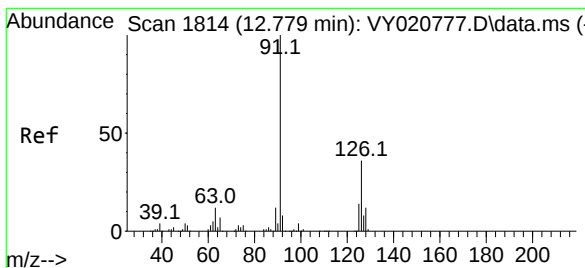
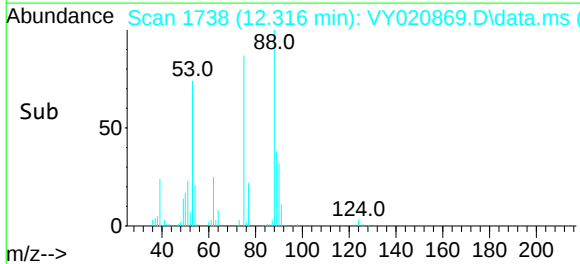
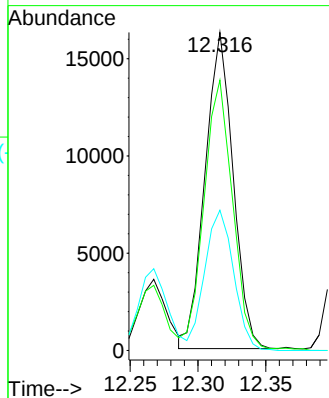
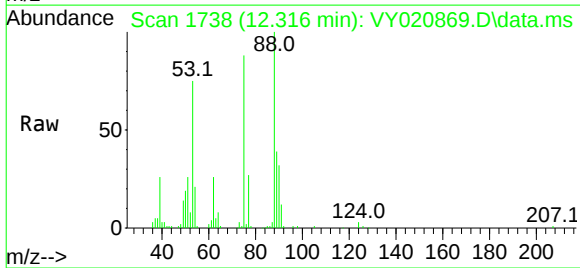




#81
trans-1,4-Dichloro-2-butene
Concen: 46.634 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

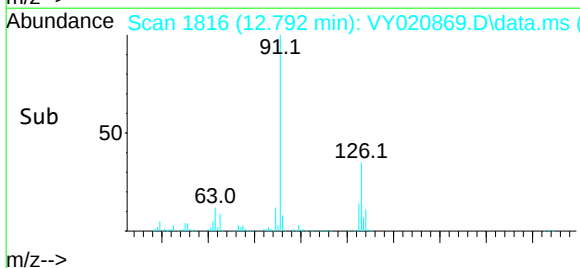
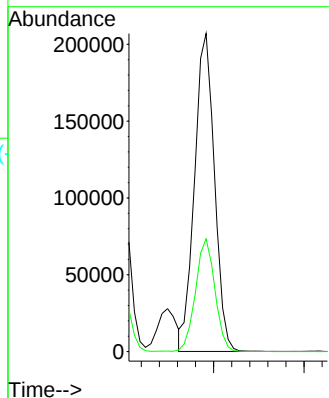
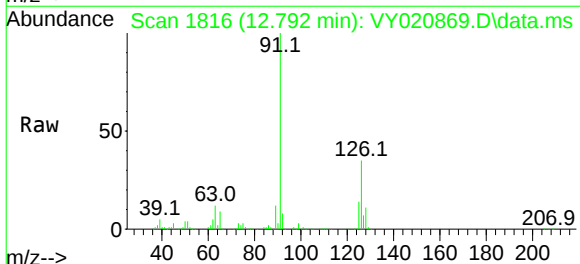
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

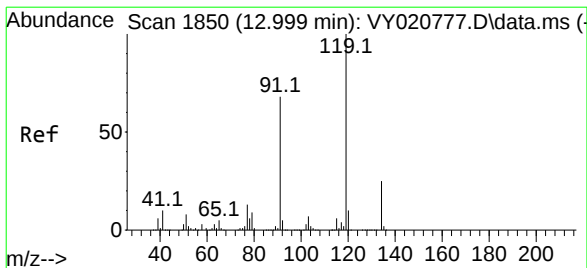
Tgt Ion:	75	Resp:	23378
Ion	Ratio	Lower	Upper
75	100		
53	88.1	69.4	104.0
89	45.7	39.6	59.4



#82
4-Chlorotoluene
Concen: 48.841 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020869.D
Acq: 20 Jan 2025 09:30

Tgt Ion:	91	Resp:	315747
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	51.7





#83

tert-Butylbenzene

Concen: 48.297 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

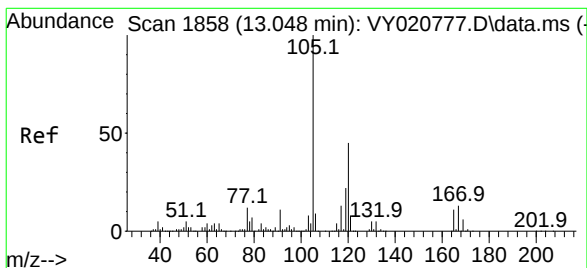
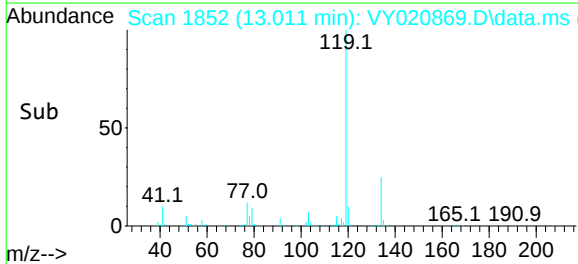
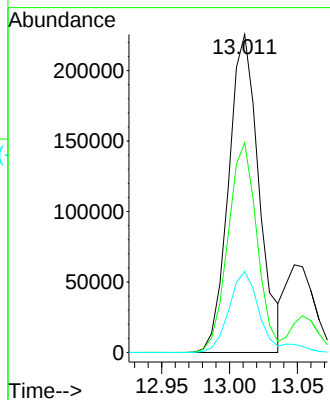
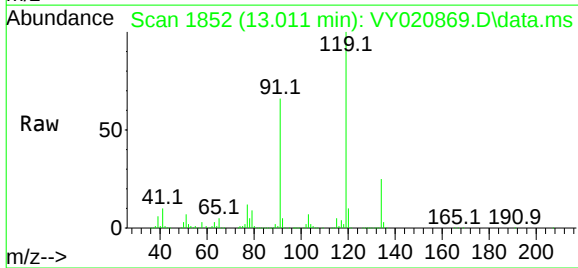
Tgt Ion:119 Resp: 350843

Ion Ratio Lower Upper

119 100

91 63.0 33.0 98.9

134 26.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 48.133 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020869.D

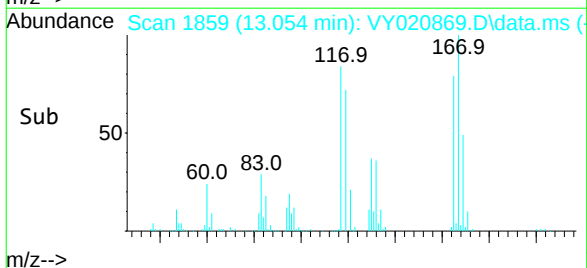
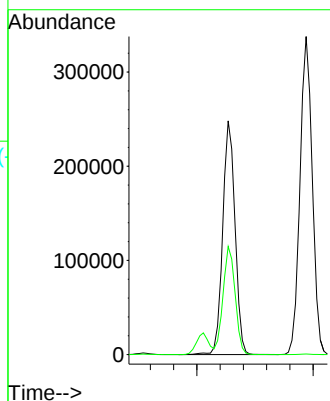
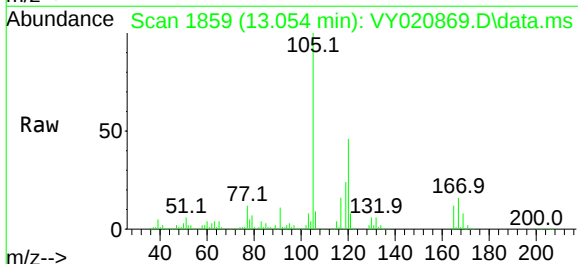
Acq: 20 Jan 2025 09:30

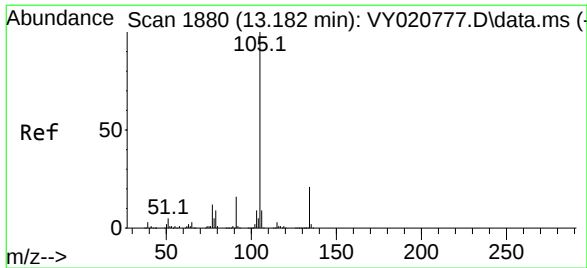
Tgt Ion:105 Resp: 365070

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.739 ug/l

RT: 13.188 min Scan# 18

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

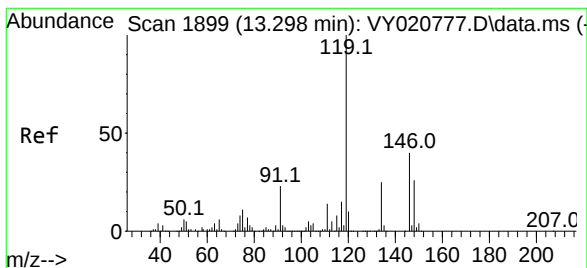
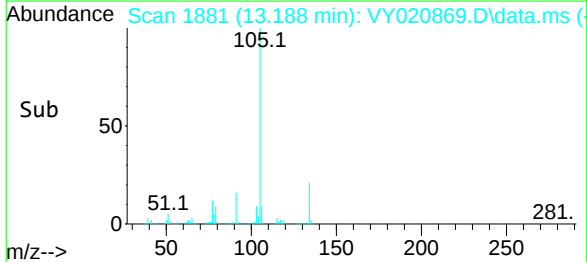
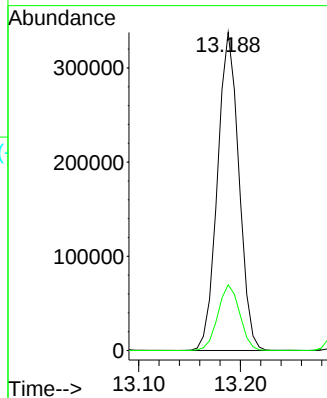
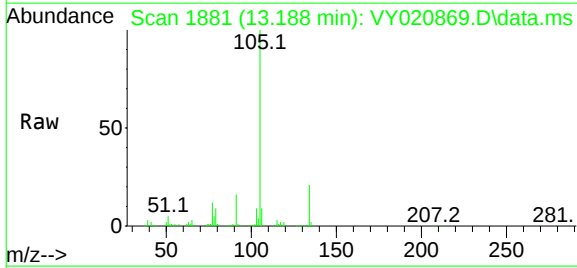
VSTDCCC050

Tgt Ion:105 Resp: 494544

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 48.416 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

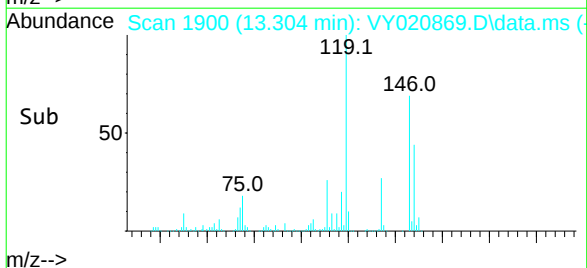
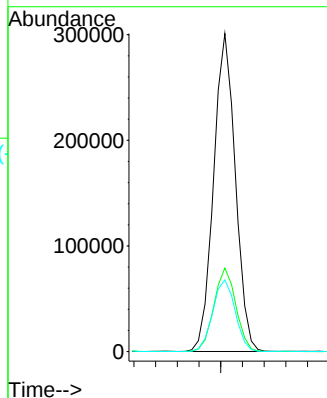
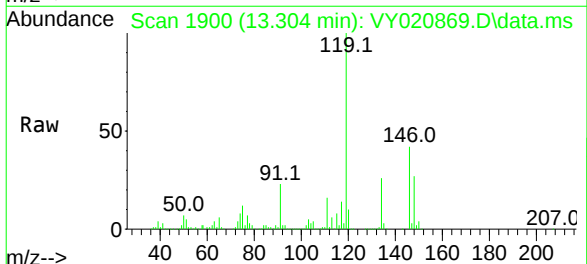
Tgt Ion:119 Resp: 419082

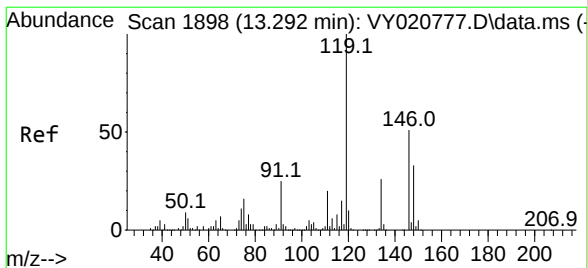
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.202 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

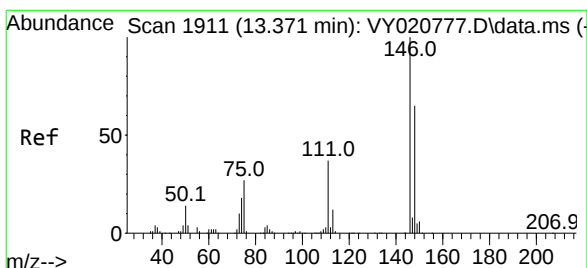
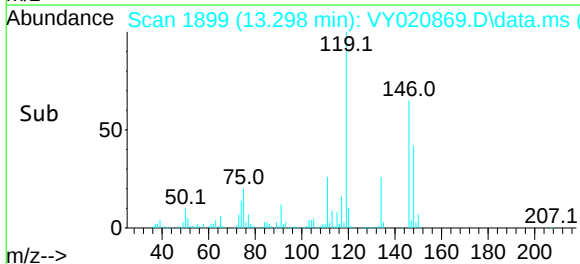
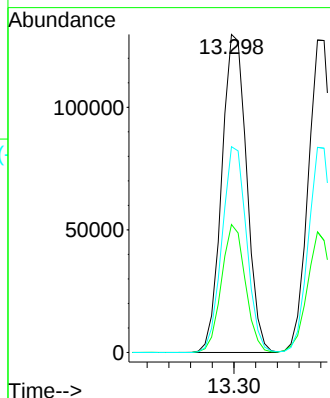
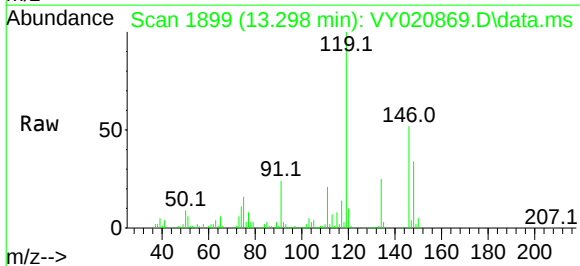
Tgt Ion:146 Resp: 206950

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 47.420 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

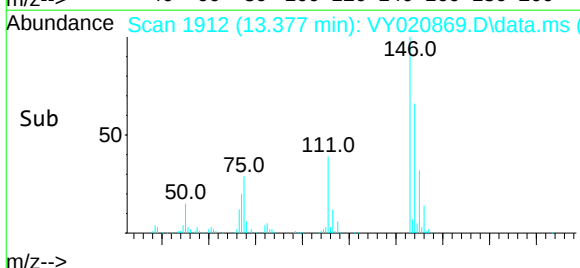
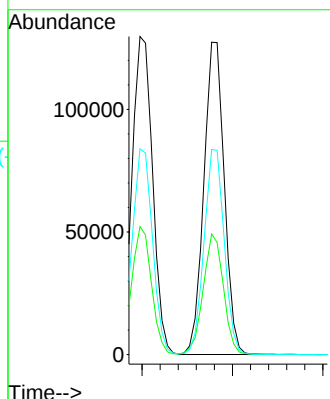
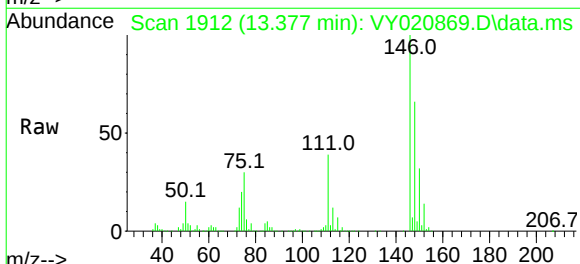
Tgt Ion:146 Resp: 200408

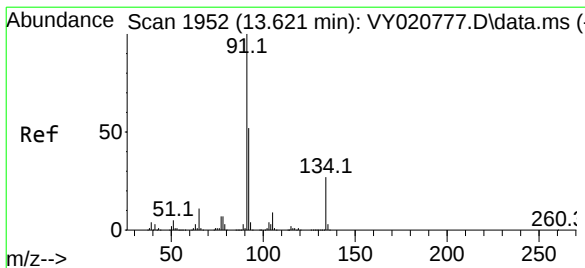
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 49.145 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

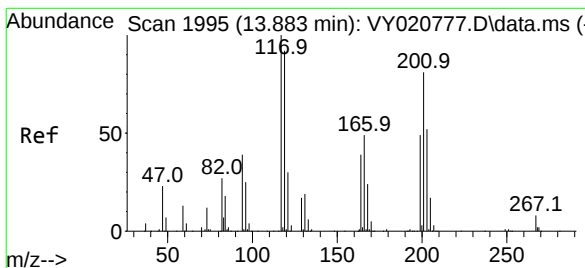
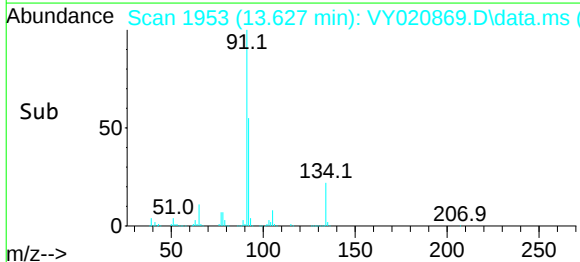
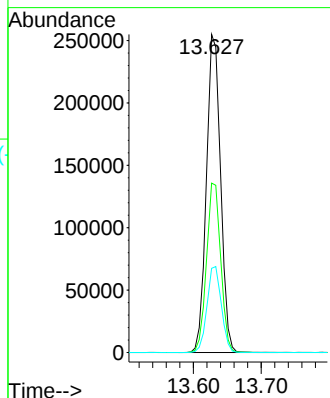
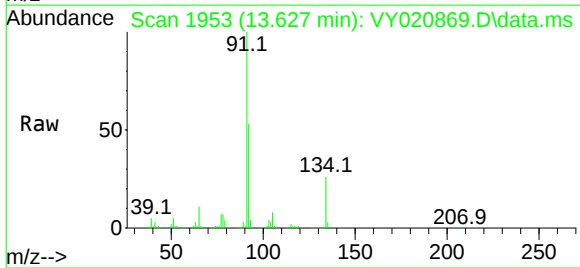
Tgt Ion: 91 Resp: 369052

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.4

134 27.3 13.8 41.4



#90

Hexachloroethane

Concen: 47.569 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.012 min

Lab File: VY020869.D

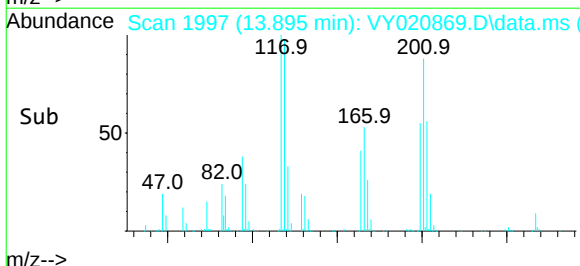
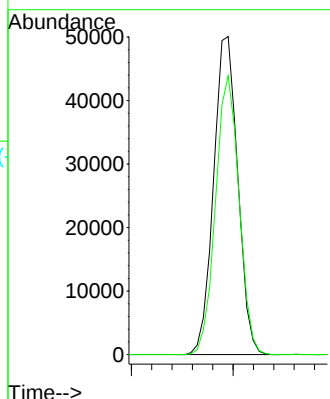
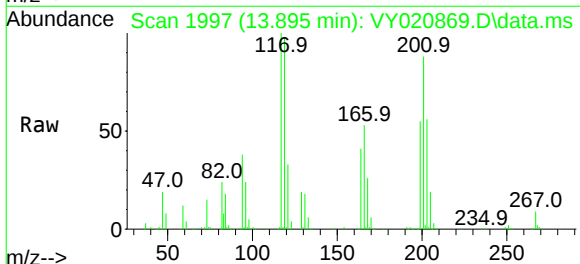
Acq: 20 Jan 2025 09:30

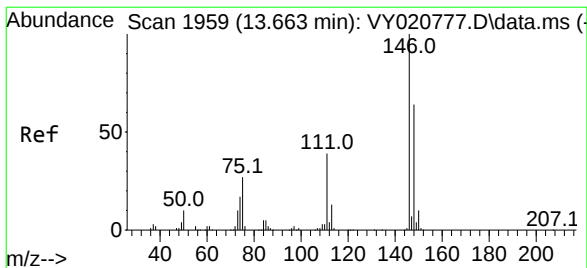
Tgt Ion: 117 Resp: 82678

Ion Ratio Lower Upper

117 100

201 85.1 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 47.420 ug/l

RT: 13.670 min Scan# 19

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

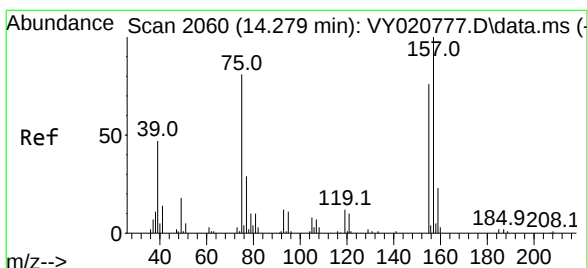
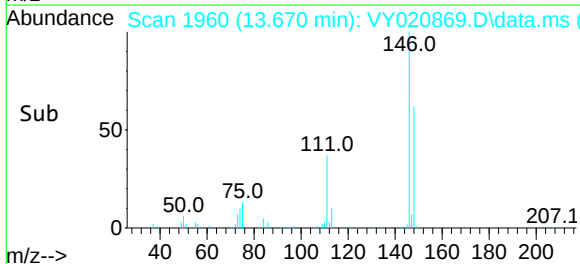
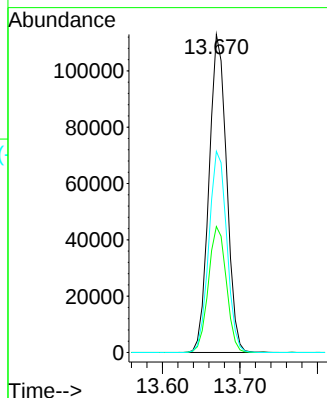
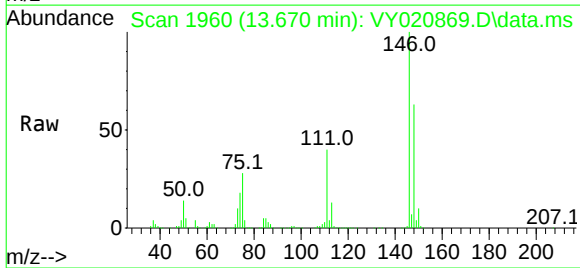
Tgt Ion:146 Resp: 178012

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.887 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

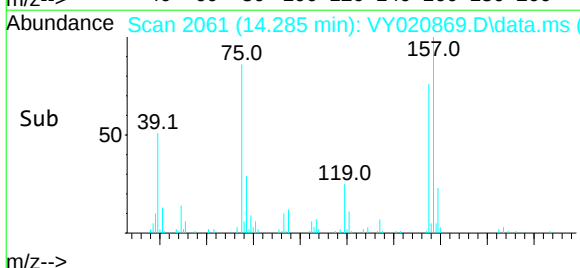
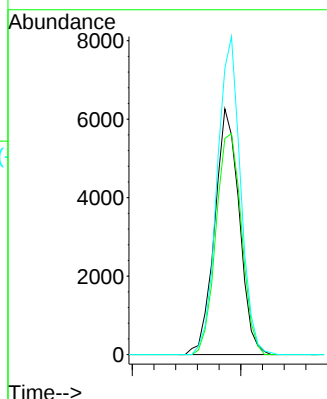
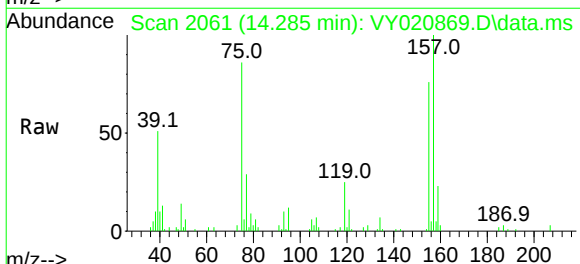
Tgt Ion: 75 Resp: 9838

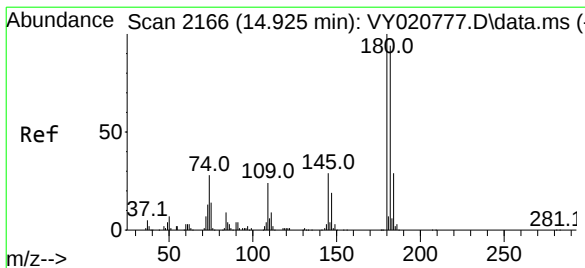
Ion Ratio Lower Upper

75 100

155 93.6 45.5 136.5

157 122.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 47.828 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

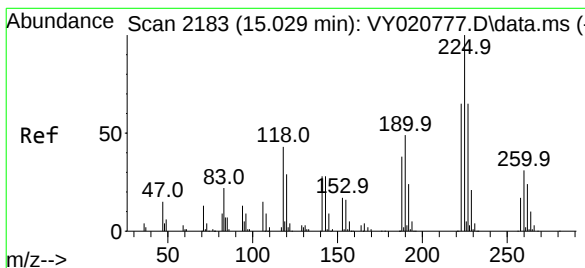
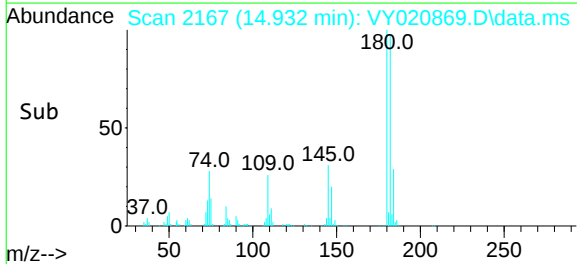
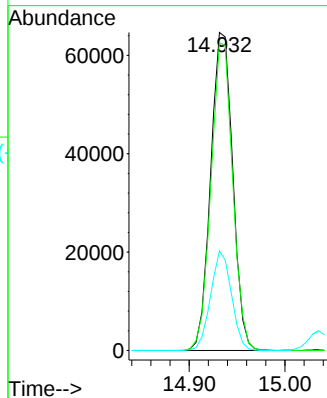
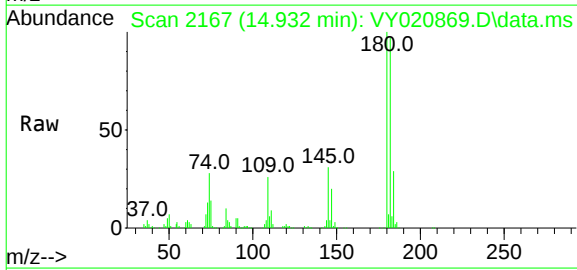
Tgt Ion:180 Resp: 103327

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 46.985 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

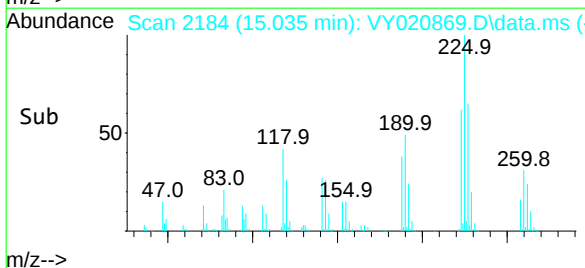
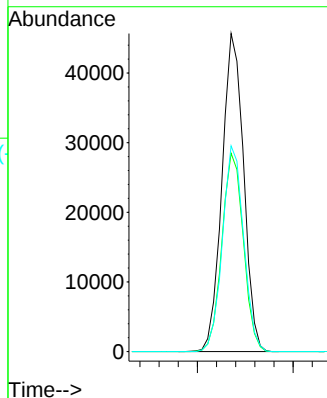
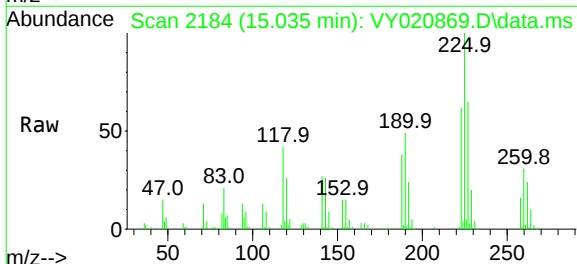
Tgt Ion:225 Resp: 71558

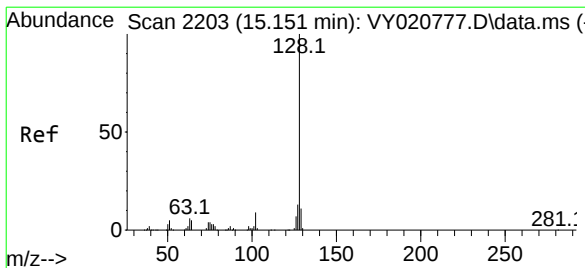
Ion Ratio Lower Upper

225 100

223 61.9 31.6 94.8

227 63.5 32.2 96.6





#95

Naphthalene

Concen: 44.748 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

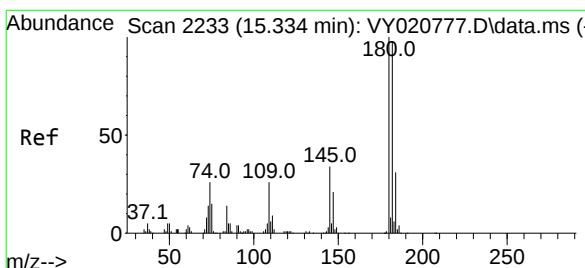
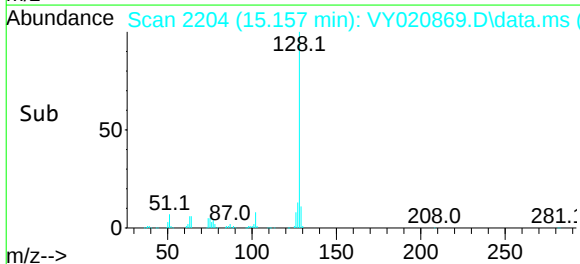
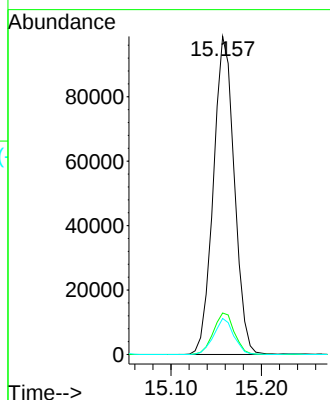
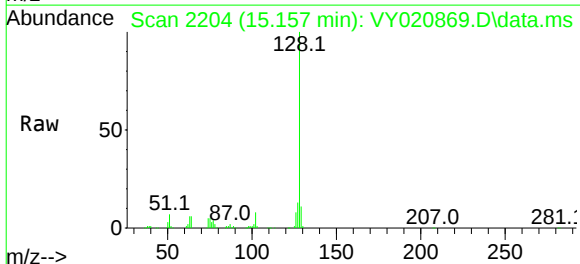
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	159106
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.643 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020869.D

Acq: 20 Jan 2025 09:30

Tgt Ion:	180	Resp:	84421
Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.1	144.3
145	32.5	16.1	48.2

