

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020904.D
 Acq On : 22 Jan 2025 17:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 23 00:47:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	197452	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	296406	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	253760	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	127578	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90449	53.894	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.652	113	100270	53.997	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.115	98	368978	56.999	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.000%	
62) 4-Bromofluorobenzene	12.414	95	129089	54.001	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	57934	39.980	ug/l	99
3) Chloromethane	2.074	50	41531	54.432	ug/l	95
4) Vinyl Chloride	2.214	62	49902	58.834	ug/l	97
5) Bromomethane	2.611	94	31562	52.244	ug/l	99
6) Chloroethane	2.751	64	32890	62.875	ug/l	98
7) Trichlorofluoromethane	3.074	101	124962	48.003	ug/l	96
8) Diethyl Ether	3.470	74	42251	51.900	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	88839	50.535	ug/l	98
10) Methyl Iodide	4.025	142	103391	54.880	ug/l	95
11) Tert butyl alcohol	4.909	59	28144	221.930	ug/l	99
12) 1,1-Dichloroethene	3.812	96	77399	50.266	ug/l	98
13) Acrolein	3.677	56	8896	249.793	ug/l	96
14) Allyl chloride	4.403	41	121550	54.716	ug/l	95
15) Acrylonitrile	5.086	53	93053	268.952	ug/l	99
16) Acetone	3.891	43	60657	254.162	ug/l	99
17) Carbon Disulfide	4.129	76	160019	47.905	ug/l	99
18) Methyl Acetate	4.403	43	47530	58.984	ug/l	95
19) Methyl tert-butyl Ether	5.141	73	224561	51.676	ug/l	99
20) Methylene Chloride	4.641	84	87551	53.120	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	86453	50.985	ug/l	97
22) Diisopropyl ether	6.043	45	285877	60.411	ug/l	97
23) Vinyl Acetate	5.982	43	741667	284.251	ug/l	98
24) 1,1-Dichloroethane	5.933	63	171622	54.969	ug/l	97
25) 2-Butanone	6.915	43	106474	271.596	ug/l	99
26) 2,2-Dichloropropane	6.909	77	157089	48.460	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	114559	53.547	ug/l	99
28) Bromochloromethane	7.262	49	54898	65.164	ug/l	92
29) Tetrahydrofuran	7.281	42	70069	279.796	ug/l	94
30) Chloroform	7.439	83	187949	52.788	ug/l	100
31) Cyclohexane	7.719	56	118846	48.666	ug/l	99
32) 1,1,1-Trichloroethane	7.634	97	170948	49.223	ug/l	98
36) 1,1-Dichloropropene	7.854	75	119993	50.661	ug/l	100
37) Ethyl Acetate	7.006	43	51950	55.116	ug/l	97
38) Carbon Tetrachloride	7.835	117	154082	46.734	ug/l	98
39) Methylcyclohexane	9.122	83	143743	49.456	ug/l	98
40) Benzene	8.091	78	385890	53.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	31312	58.007	ug/l	95
42) 1,2-Dichloroethane	8.171	62	101360	51.058	ug/l	98
43) Isopropyl Acetate	8.213	43	105583	55.073	ug/l	98
44) Trichloroethene	8.878	130	104810	51.721	ug/l	95
45) 1,2-Dichloropropane	9.152	63	94093	57.096	ug/l	98
46) Dibromomethane	9.244	93	51218	54.123	ug/l	96
47) Bromodichloromethane	9.433	83	144590	53.350	ug/l	96
48) Methyl methacrylate	9.231	41	47406	55.157	ug/l	99
49) 1,4-Dioxane	9.250	88	10549	1049.908	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	270561	282.489	ug/l	98
52) Toluene	10.182	92	254487	52.867	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	126708	52.565	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	150193	53.650	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	73526	54.385	ug/l	96
56) Ethyl methacrylate	10.451	69	93491	54.756	ug/l	98
57) 1,3-Dichloropropane	10.725	76	121068	54.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	179310	264.725	ug/l	96
59) 2-Hexanone	10.768	43	174477	283.953	ug/l	97
60) Dibromochloromethane	10.920	129	103018	52.539	ug/l	100
61) 1,2-Dibromoethane	11.024	107	66453	54.750	ug/l	99
64) Tetrachloroethene	10.658	164	90538	48.528	ug/l	98
65) Chlorobenzene	11.450	112	289323	51.567	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	109053	51.057	ug/l	98
67) Ethyl Benzene	11.530	91	497704	51.237	ug/l	100
68) m/p-Xylenes	11.639	106	380163	101.649	ug/l	98
69) o-Xylene	11.963	106	180972	51.035	ug/l	98
70) Styrene	11.981	104	305348	51.154	ug/l	99
71) Bromoform	12.145	173	61810	50.906	ug/l #	100
73) Isopropylbenzene	12.267	105	493732	48.783	ug/l	100
74) N-amyl acetate	12.078	43	89293	53.936	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	79681	51.944	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	61871m	55.426	ug/l	
77) Bromobenzene	12.542	156	114839	49.214	ug/l	97
78) n-propylbenzene	12.603	91	569754	49.596	ug/l	99
79) 2-Chlorotoluene	12.688	91	328346	49.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	400402	48.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	27048	51.091	ug/l	96
82) 4-Chlorotoluene	12.786	91	334842	49.046	ug/l	100
83) tert-Butylbenzene	13.005	119	366922	47.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	392060	48.948	ug/l	99
85) sec-Butylbenzene	13.188	105	524662	48.963	ug/l	100
86) p-Isopropyltoluene	13.304	119	438644	47.986	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	221513	48.856	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216302	48.465	ug/l	99
89) n-Butylbenzene	13.627	91	385382	48.596	ug/l	99
90) Hexachloroethane	13.889	117	88956	48.464	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	191010	48.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11478	46.276	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	110115	48.265	ug/l	99
94) Hexachlorobutadiene	15.035	225	73108	45.455	ug/l	99
95) Naphthalene	15.157	128	178946	47.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	91532	47.887	ug/l	99

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ClientSampleId :
VSTDCCC050EC

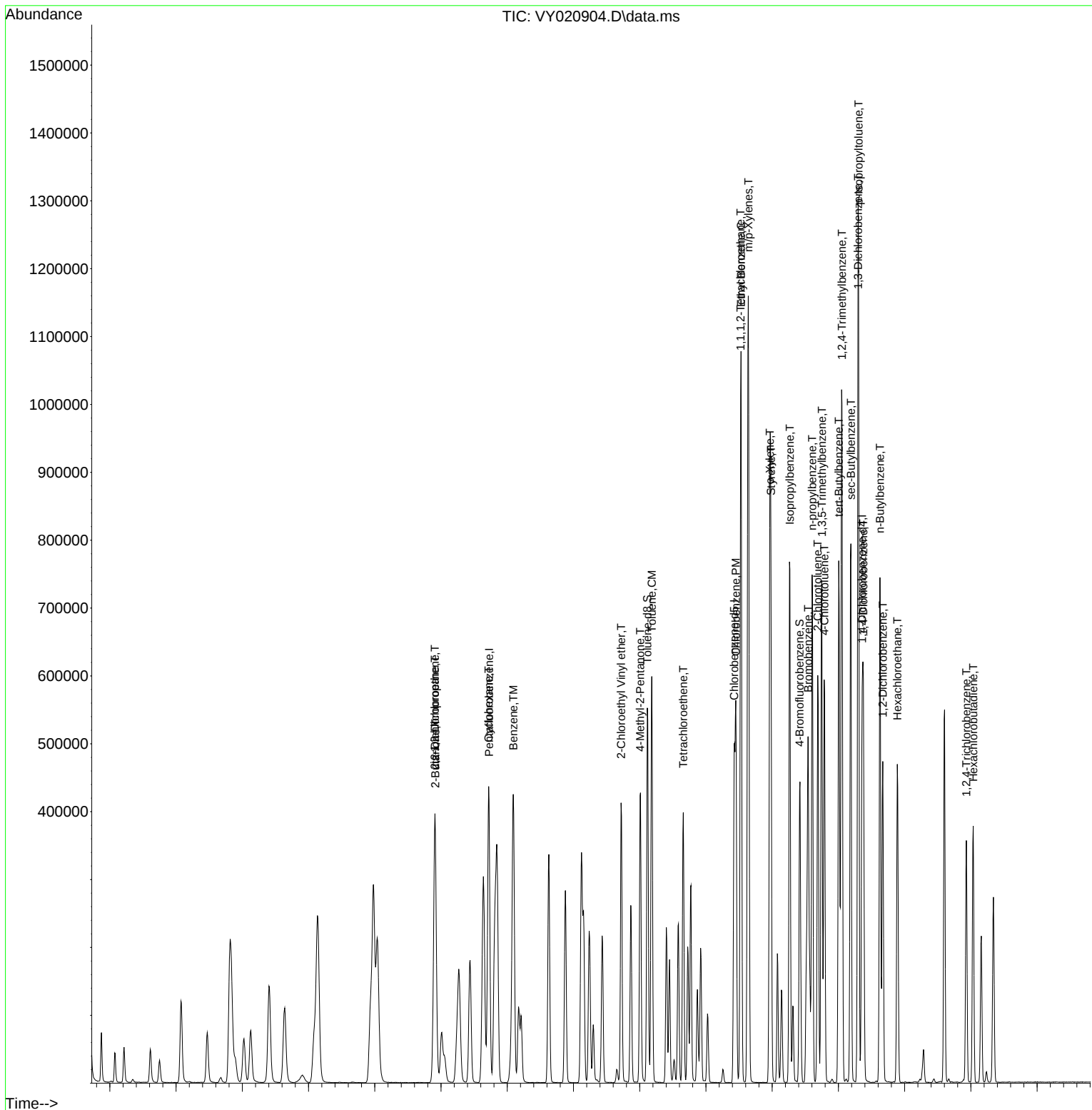
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

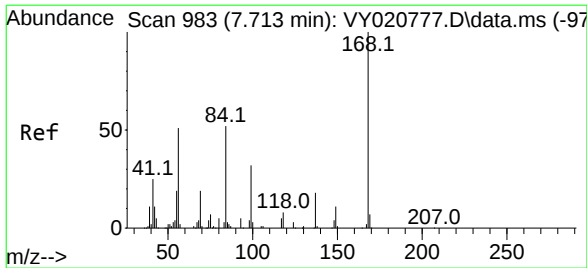
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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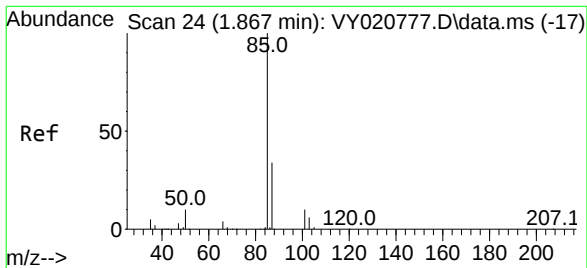
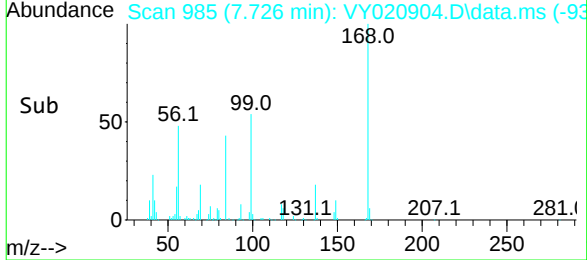
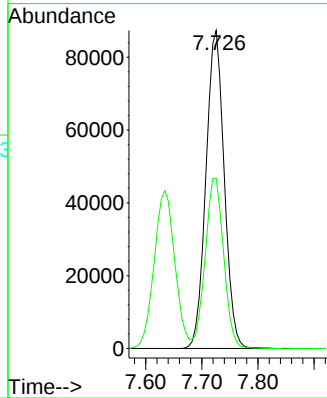
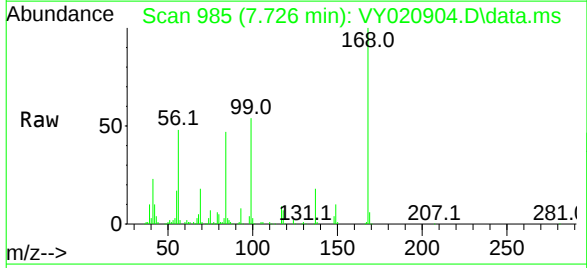




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

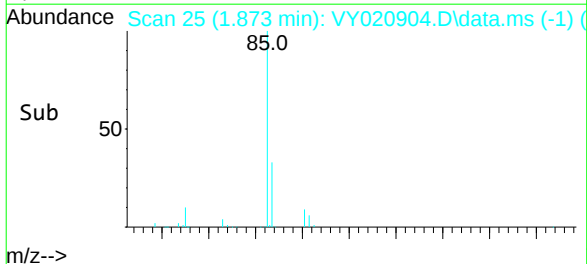
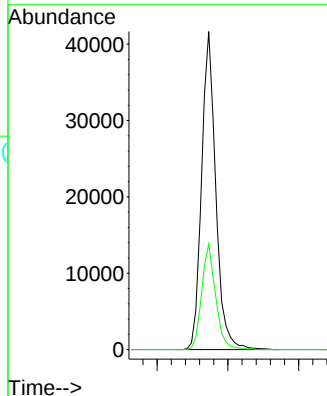
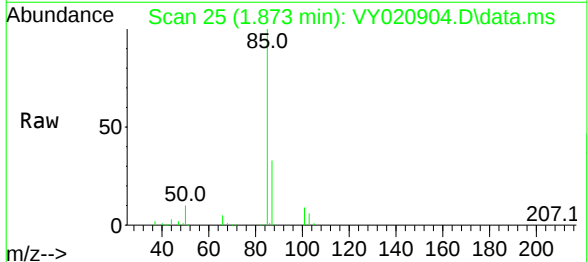
Instrument :
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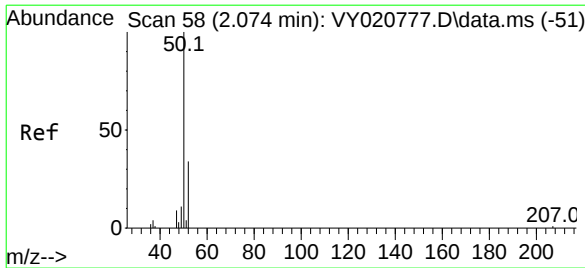
Tgt Ion:168 Resp: 197452
Ion Ratio Lower Upper
168 100
99 53.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 39.980 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 85 Resp: 57934
Ion Ratio Lower Upper
85 100
87 33.2 16.9 50.6

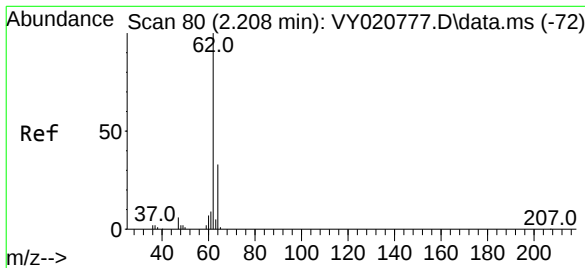
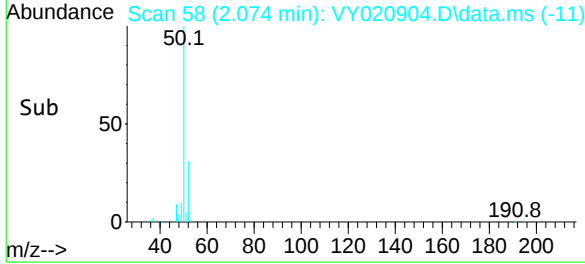
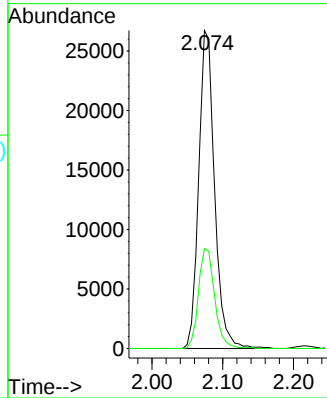
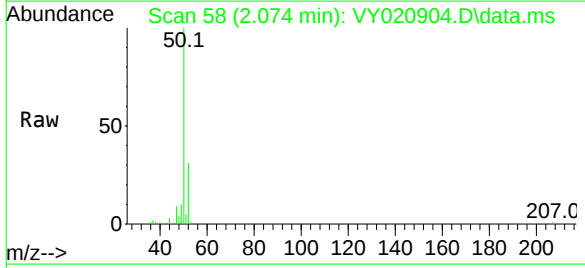




#3
Chloromethane
Concen: 54.432 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

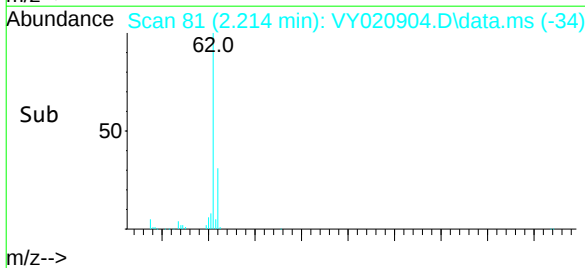
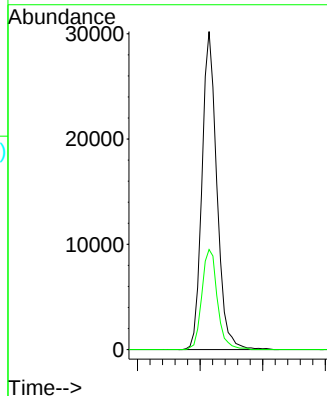
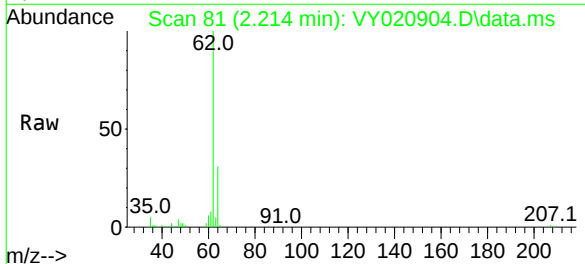
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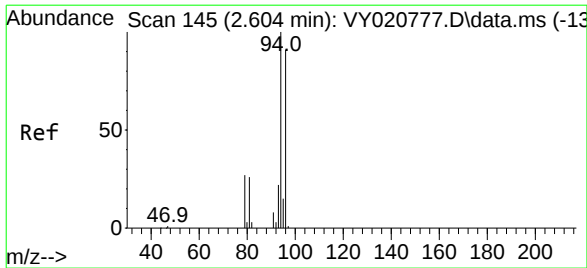
Tgt Ion: 50 Resp: 41531
Ion Ratio Lower Upper
50 100
52 31.4 27.3 40.9



#4
Vinyl Chloride
Concen: 58.834 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 62 Resp: 49902
Ion Ratio Lower Upper
62 100
64 31.5 26.6 39.8

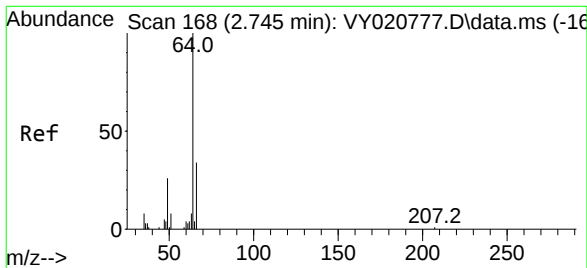
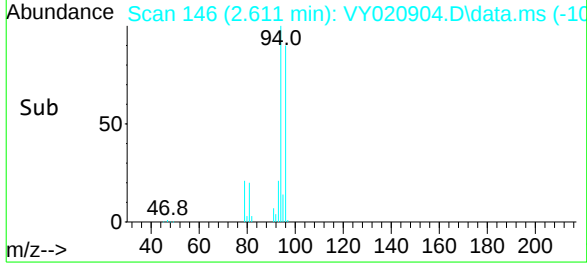
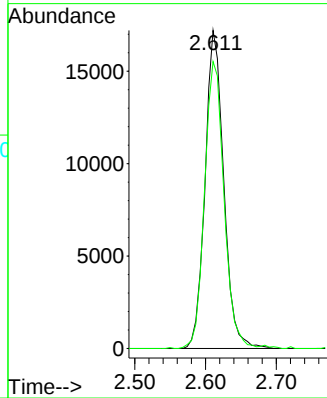
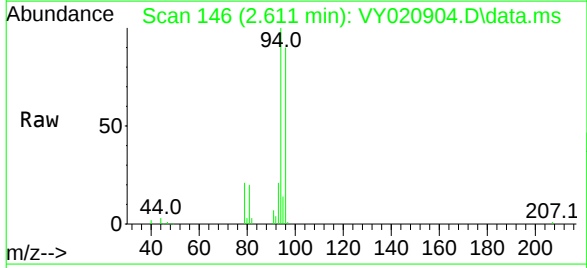




#5
Bromomethane
Concen: 52.244 ug/l
RT: 2.611 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

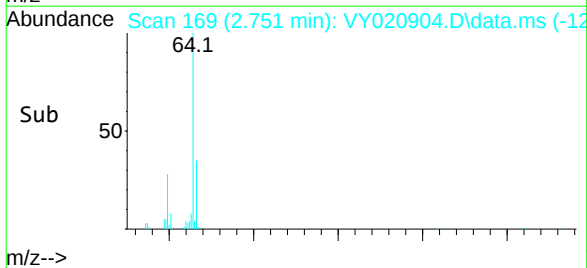
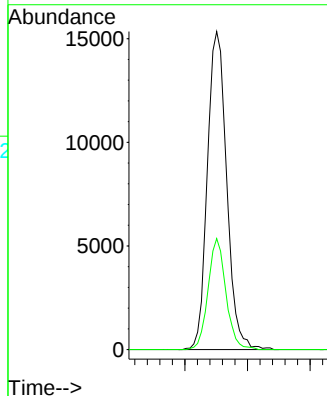
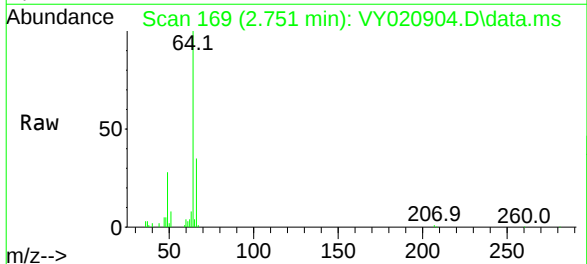
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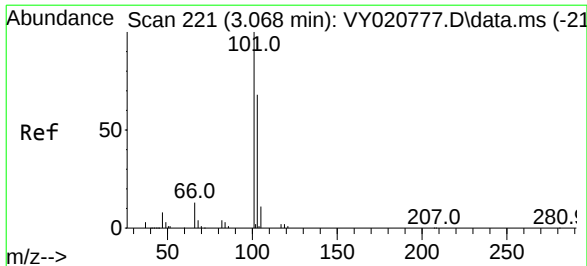
Tgt Ion: 94 Resp: 31562
Ion Ratio Lower Upper
94 100
96 90.2 72.6 109.0



#6
Chloroethane
Concen: 62.875 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 32890
Ion Ratio Lower Upper
64 100
66 34.9 26.9 40.3

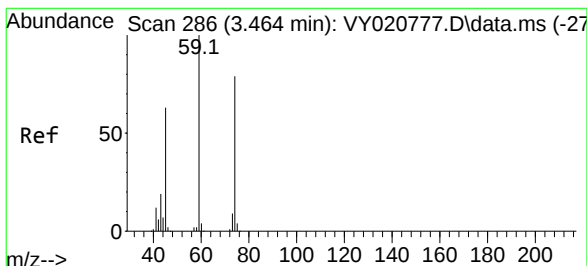
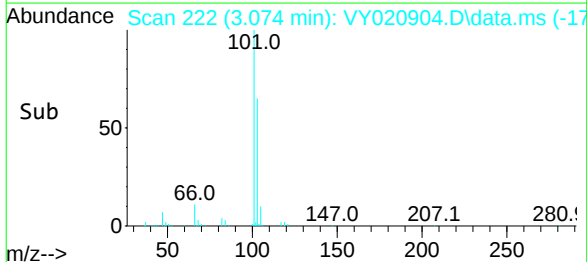
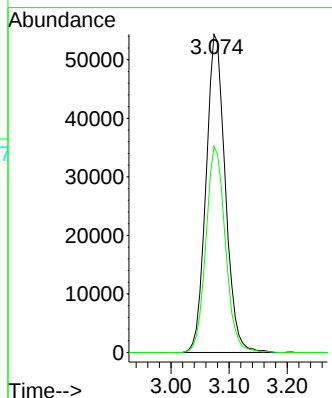
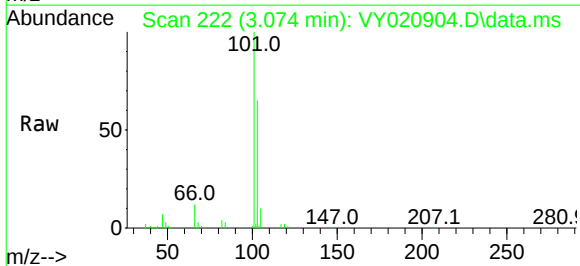




Trichlorofluoromethane
 Concen: 48.003 ug/l
 RT: 3.074 min Scan# 221
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

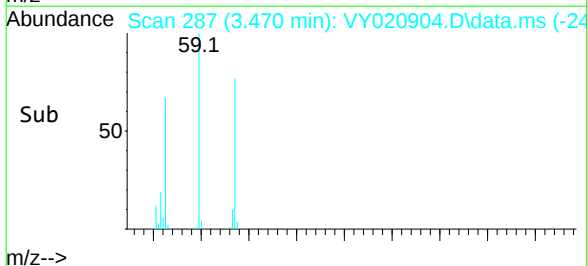
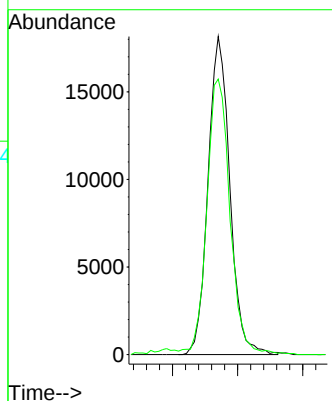
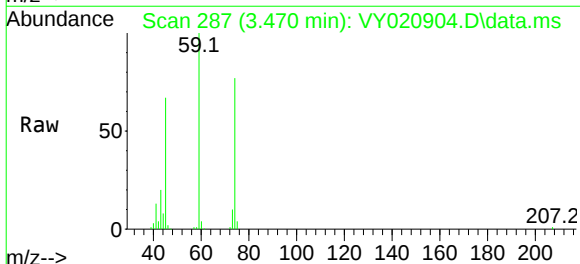
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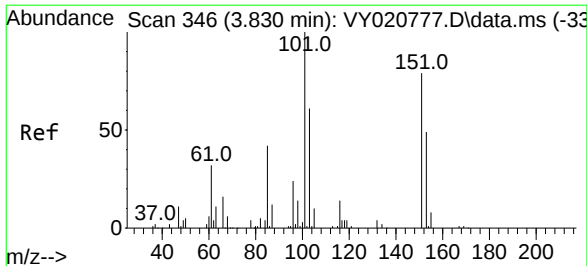
Tgt Ion: 101 Resp: 124962
 Ion Ratio Lower Upper
 101 100
 103 64.8 54.6 82.0



Diethyl Ether
 Concen: 51.900 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. -0.018 min
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 Acq: 22 Jan 2025 17:14

Tgt Ion: 74 Resp: 42251
 Ion Ratio Lower Upper
 74 100
 45 92.1 41.3 124.1

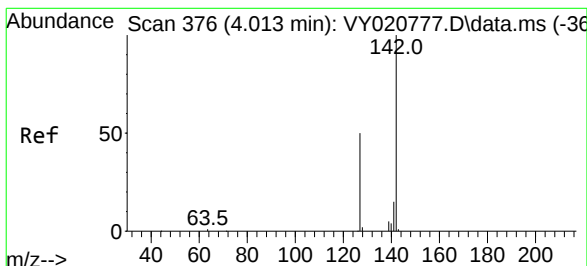
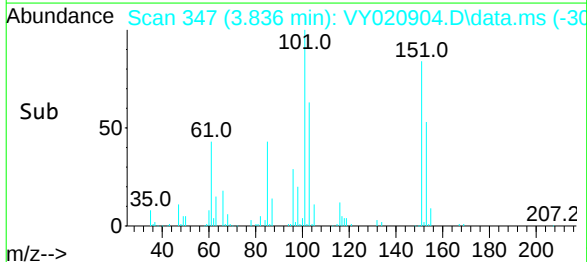
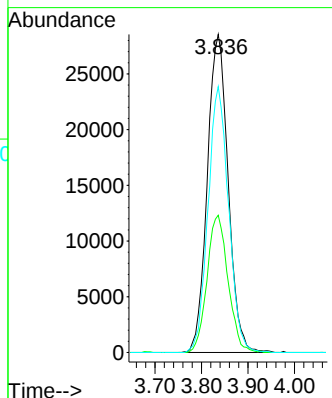
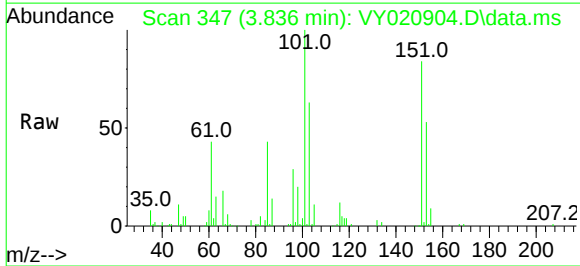




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.535 ug/l
RT: 3.836 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

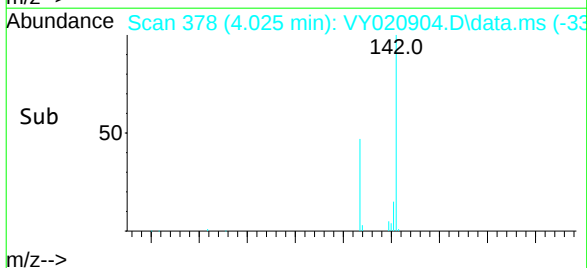
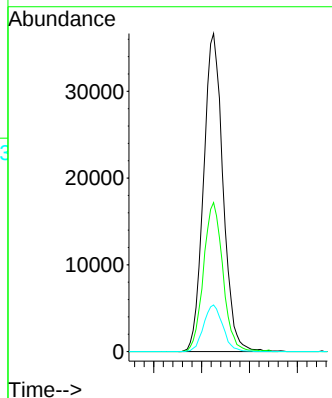
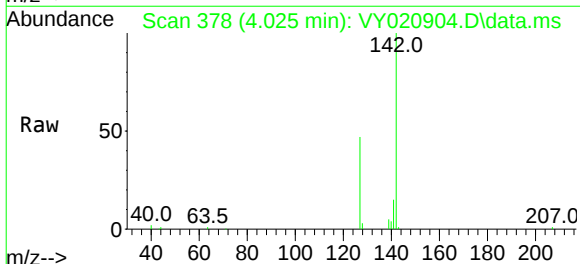
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 88839
Ion Ratio Lower Upper
101 100
85 43.4 35.9 53.9
151 82.6 66.9 100.3



#10
Methyl Iodide
Concen: 54.880 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion:142 Resp: 103391
Ion Ratio Lower Upper
142 100
127 46.8 41.0 61.6
141 14.5 11.6 17.4

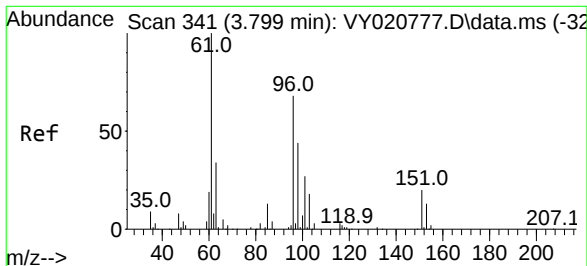
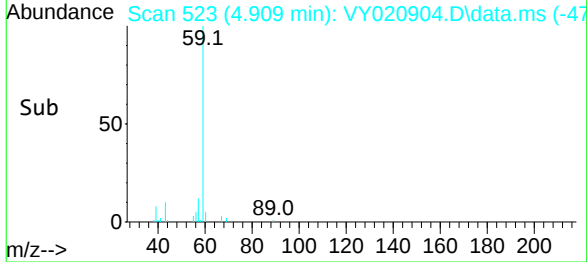
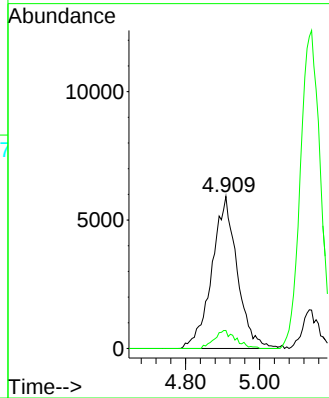
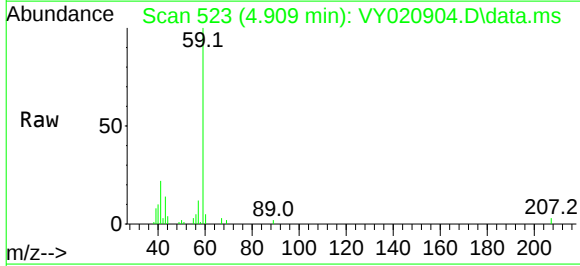




#11
Tert butyl alcohol
Concen: 221.930 ug/l
RT: 4.909 min Scan# 52
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

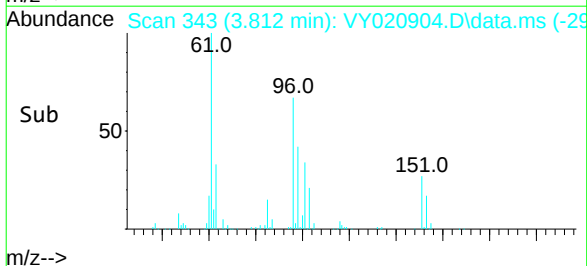
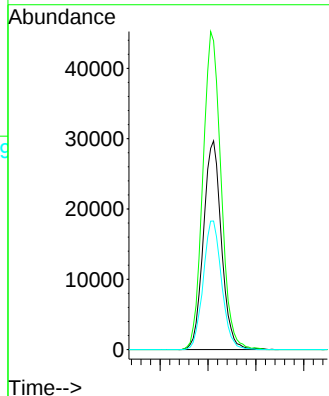
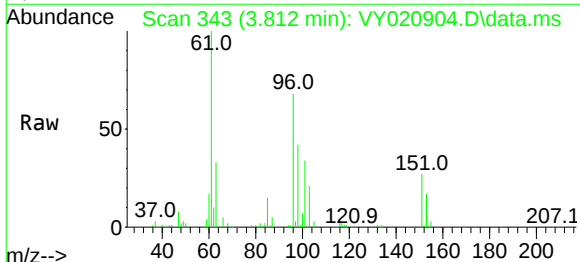
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

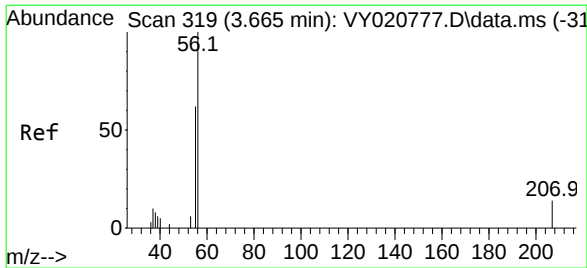
Tgt Ion: 59 Resp: 28144
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.266 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 96 Resp: 77399
Ion Ratio Lower Upper
96 100
61 147.9 117.8 176.8
98 61.6 51.9 77.9





#13

Acrolein

Concen: 249.793 ug/l

RT: 3.677 min Scan# 321

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

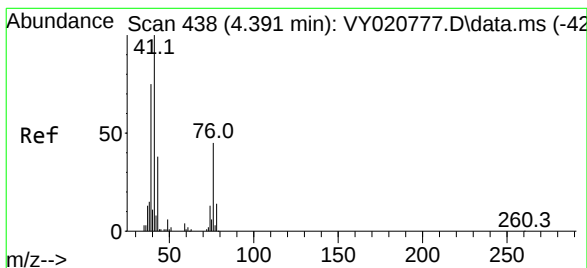
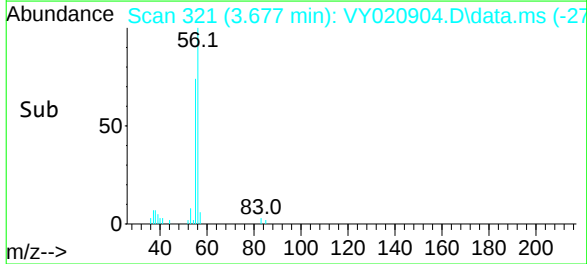
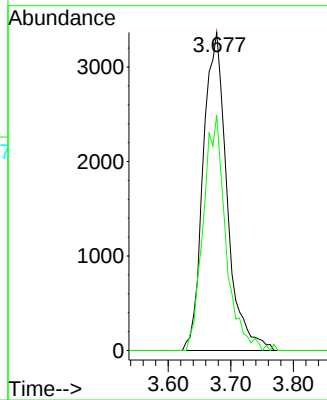
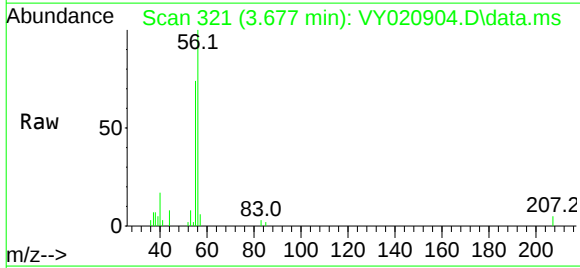
VSTDCCC050EC

Tgt Ion: 56 Resp: 8896

Ion Ratio Lower Upper

56 100

55 69.6 58.1 87.1



#14

Allyl chloride

Concen: 54.716 ug/l

RT: 4.403 min Scan# 440

Delta R.T. -0.024 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

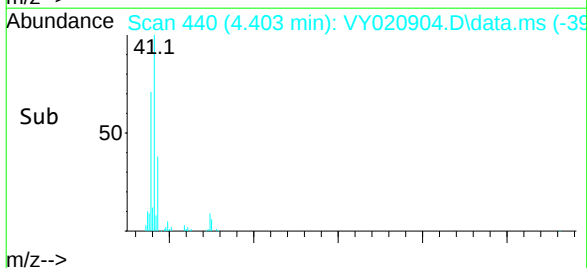
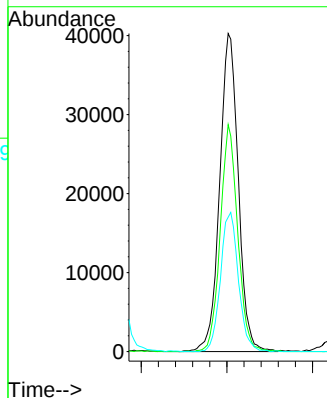
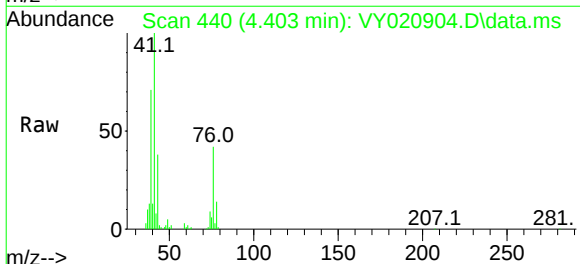
Tgt Ion: 41 Resp: 121550

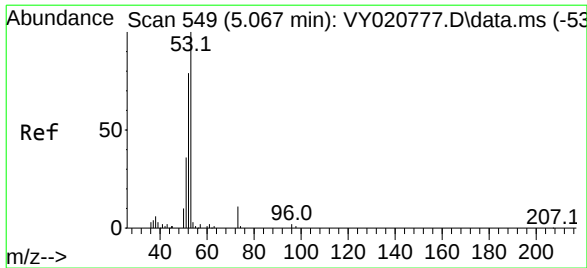
Ion Ratio Lower Upper

41 100

39 67.0 57.5 86.3

76 42.1 35.6 53.4





#15

Acrylonitrile

Concen: 268.952 ug/l

RT: 5.086 min Scan# 55

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

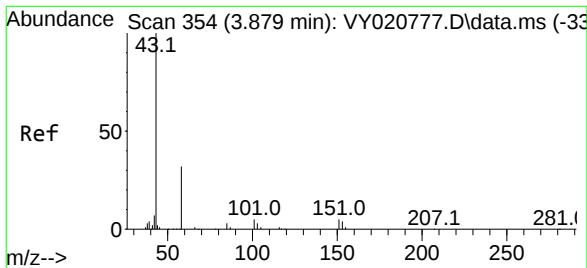
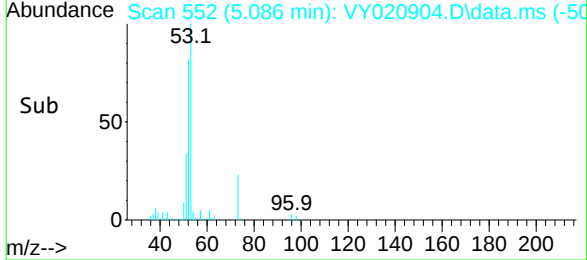
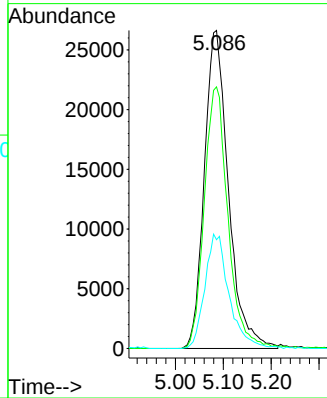
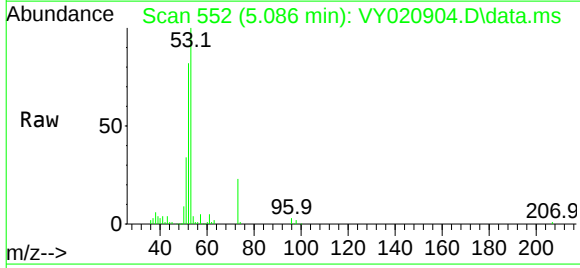
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53	Resp: 93053
Ion Ratio	Lower Upper
53 100	
52 81.0	64.3 96.5
51 36.1	29.3 43.9



#16

Acetone

Concen: 254.162 ug/l

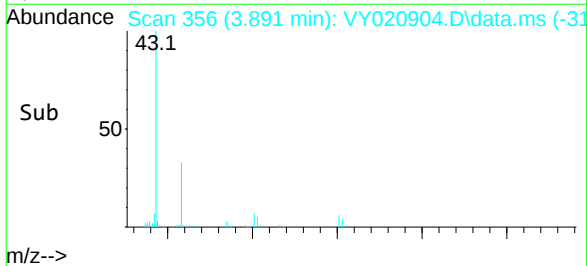
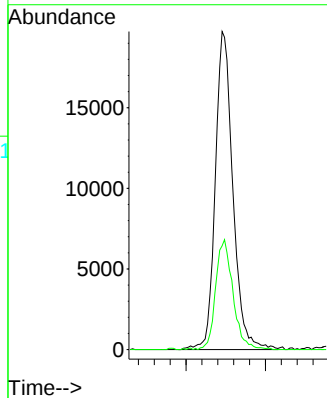
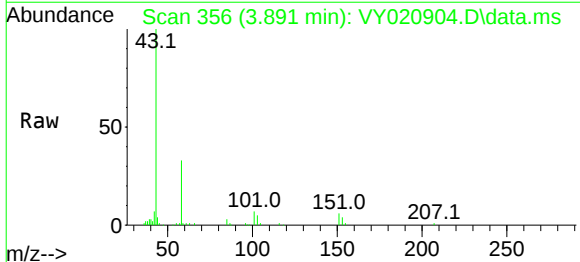
RT: 3.891 min Scan# 356

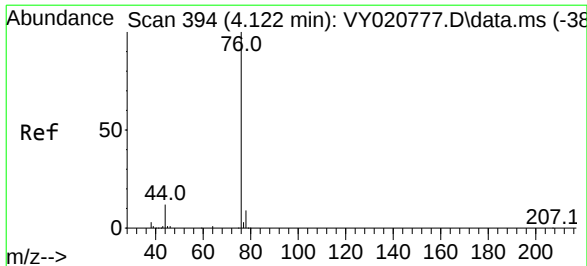
Delta R.T. -0.024 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion: 43	Resp: 60657
Ion Ratio	Lower Upper
43 100	
58 32.6	26.7 40.1





#17

Carbon Disulfide

Concen: 47.905 ug/l

RT: 4.129 min Scan# 39

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

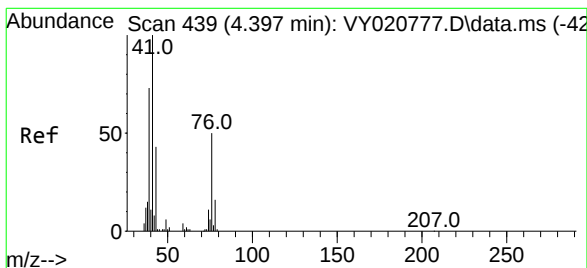
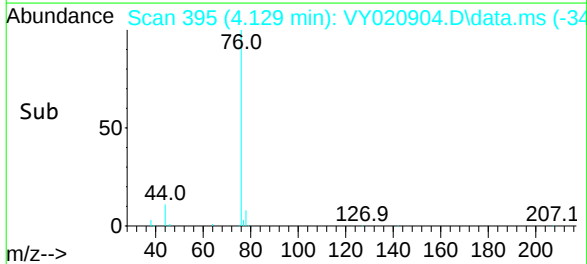
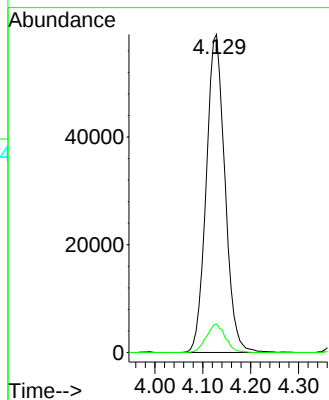
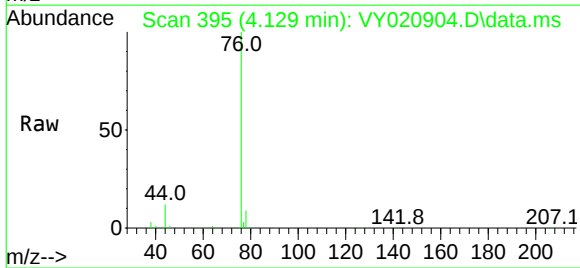
VSTDCCC050EC

Tgt Ion: 76 Resp: 160019

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 58.984 ug/l

RT: 4.403 min Scan# 440

Delta R.T. -0.024 min

Lab File: VY020904.D

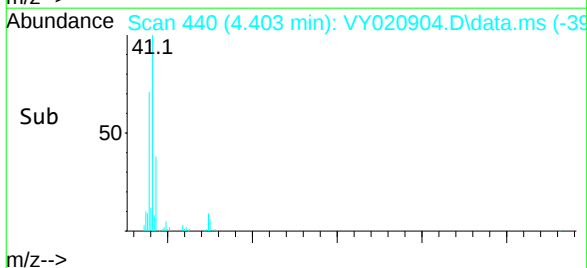
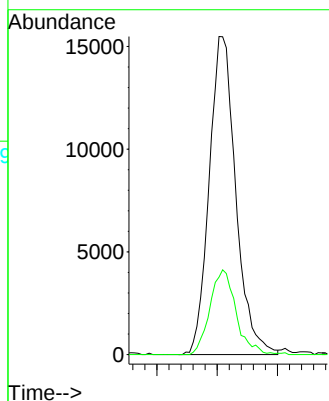
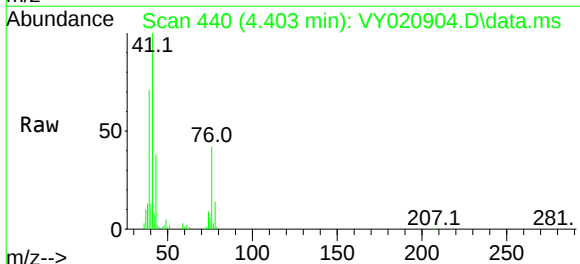
Acq: 22 Jan 2025 17:14

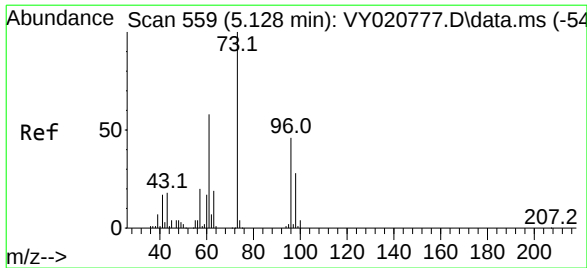
Tgt Ion: 43 Resp: 47530

Ion Ratio Lower Upper

43 100

74 26.2 23.0 34.6

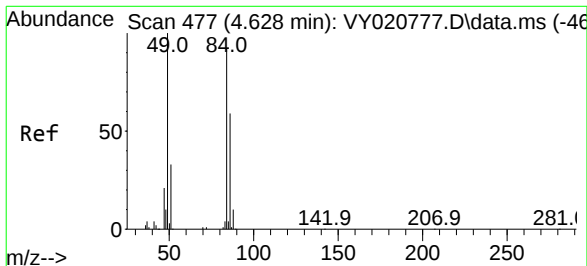
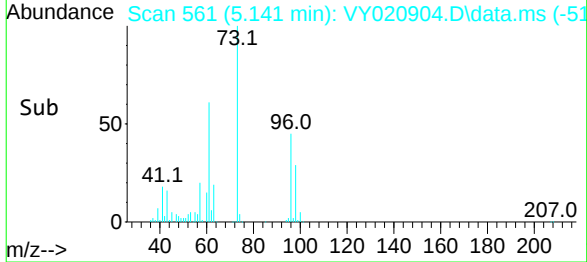
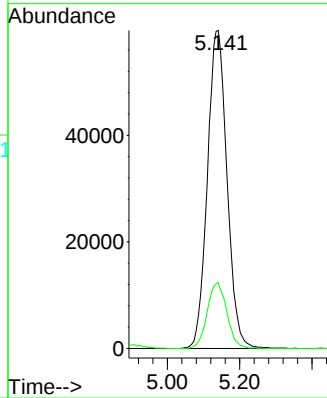
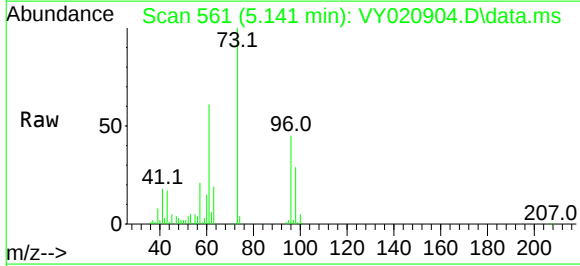




#19
Methyl tert-butyl Ether
Concen: 51.676 ug/l
RT: 5.141 min Scan# 561
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

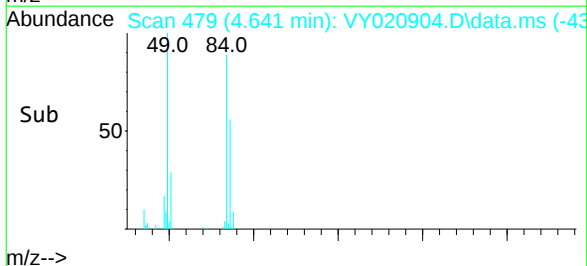
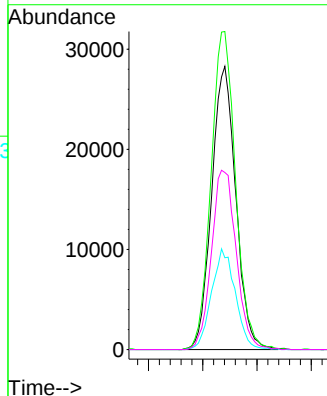
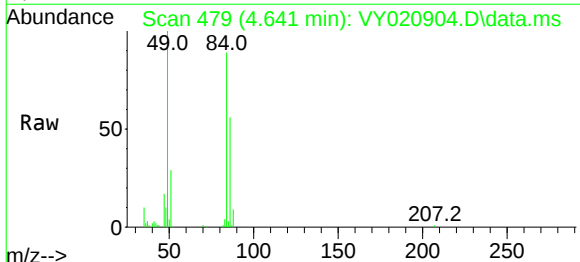
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

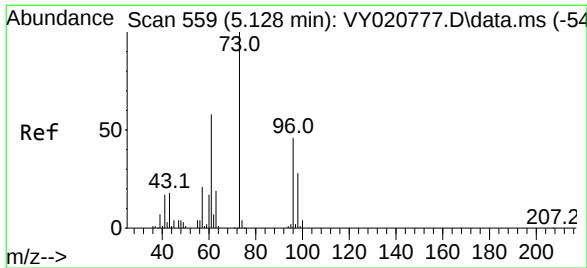
Tgt Ion: 73 Resp: 224561
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 53.120 ug/l
RT: 4.641 min Scan# 479
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 84 Resp: 87551
Ion Ratio Lower Upper
84 100
49 112.3 86.7 130.1
51 32.4 28.4 42.6
86 62.5 51.3 76.9

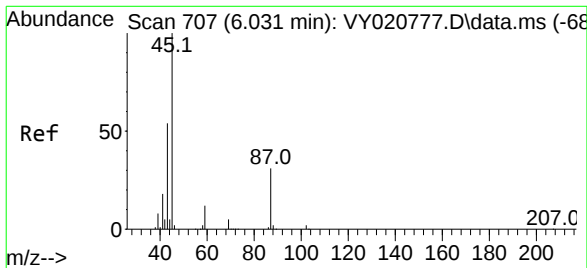
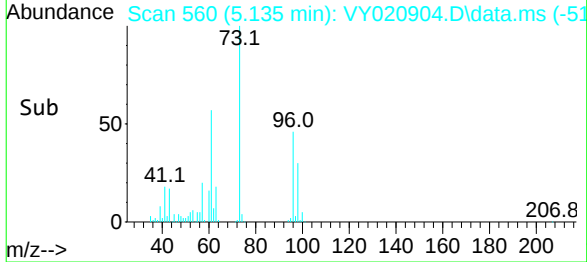
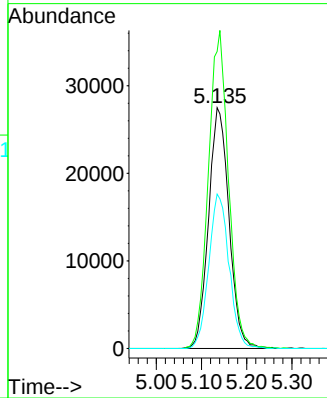
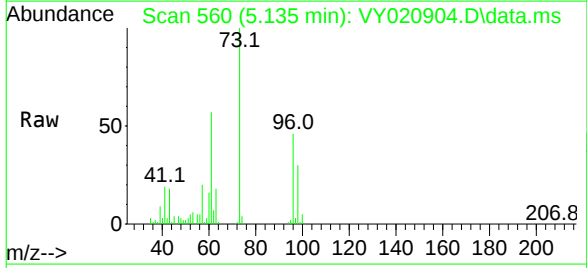




#21
trans-1,2-Dichloroethene
Concen: 50.985 ug/l
RT: 5.135 min Scan# 56
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

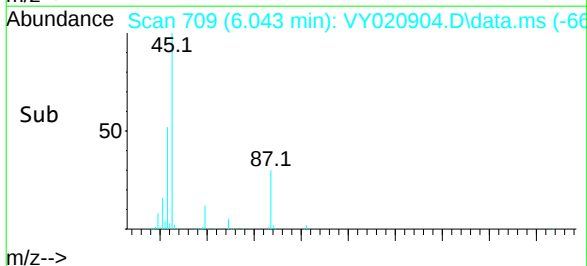
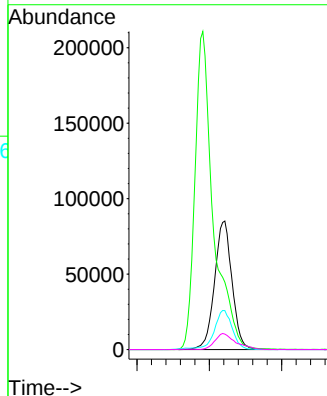
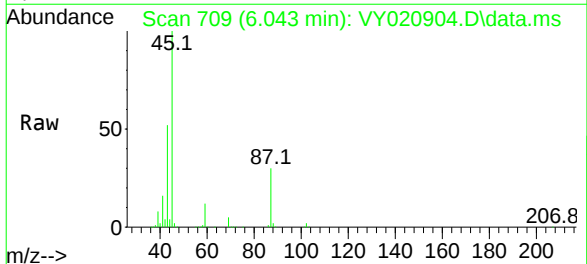
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

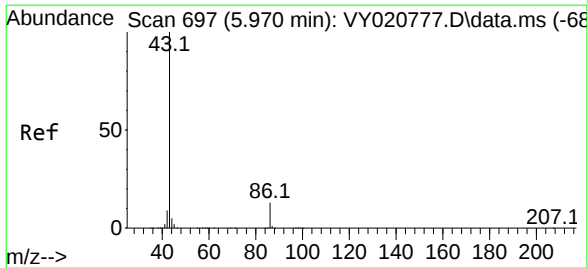
Tgt Ion: 96 Resp: 86453
Ion Ratio Lower Upper
96 100
61 123.4 101.6 152.4
98 64.1 49.4 74.2



#22
Diisopropyl ether
Concen: 60.411 ug/l
RT: 6.043 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 45 Resp: 285877
Ion Ratio Lower Upper
45 100
43 52.1 43.9 65.9
87 30.3 25.3 37.9
59 12.0 10.0 15.0





#23

Vinyl Acetate

Concen: 284.251 ug/l

RT: 5.982 min Scan# 69

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

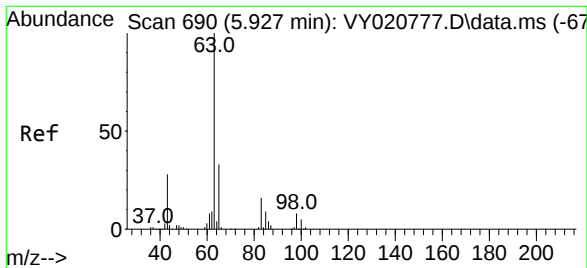
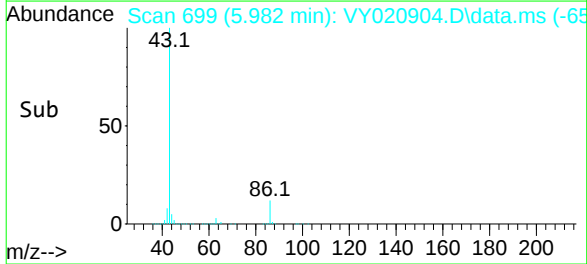
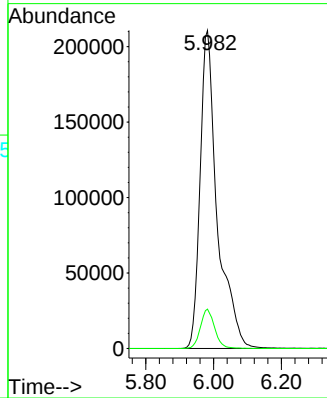
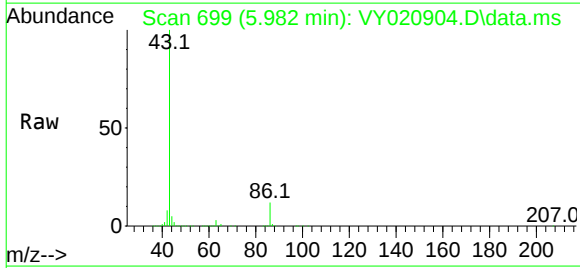
VSTDCCC050EC

Tgt Ion: 43 Resp: 741667

Ion Ratio Lower Upper

43 100

86 12.4 10.5 15.7



#24

1,1-Dichloroethane

Concen: 54.969 ug/l

RT: 5.933 min Scan# 691

Delta R.T. -0.024 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

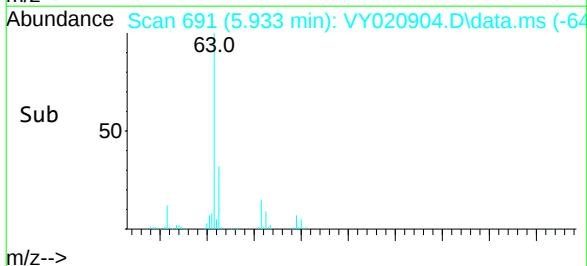
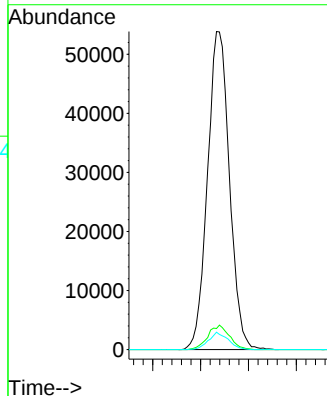
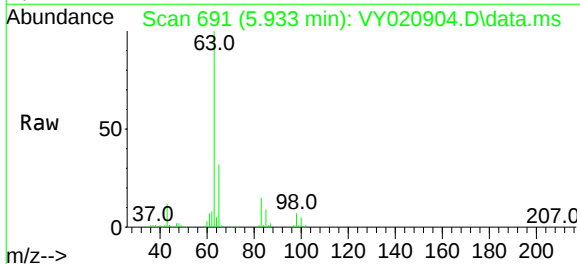
Tgt Ion: 63 Resp: 171622

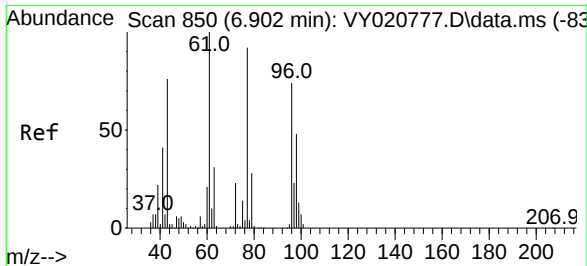
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 5.5 2.4 7.2

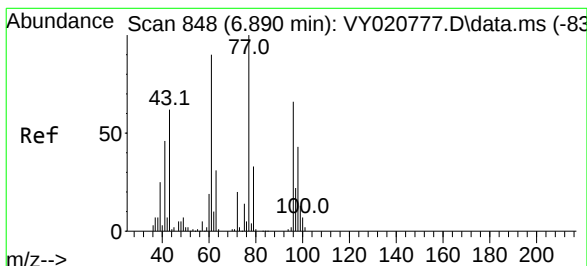
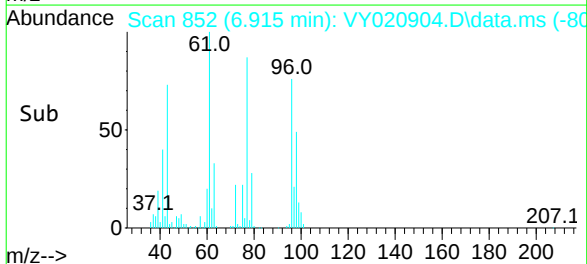
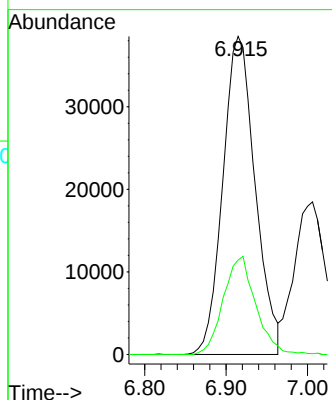
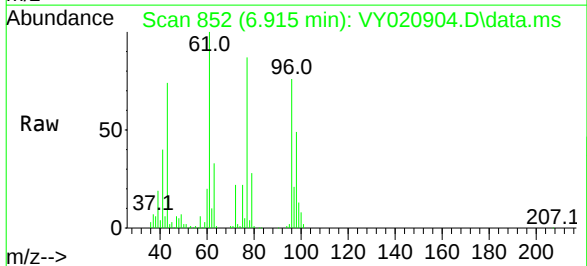




#25
2-Butanone
Concen: 271.596 ug/l
RT: 6.915 min Scan# 851
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

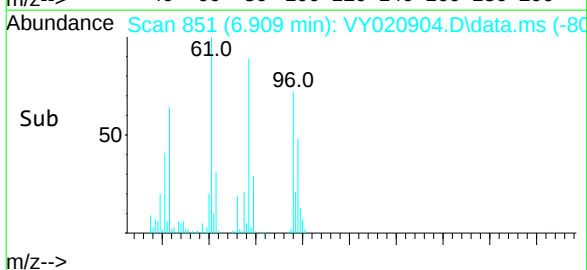
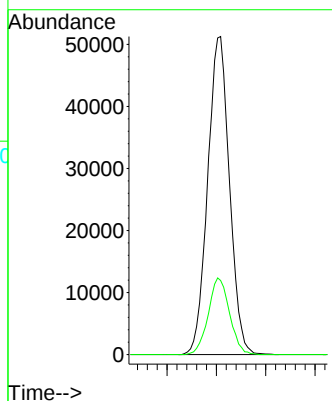
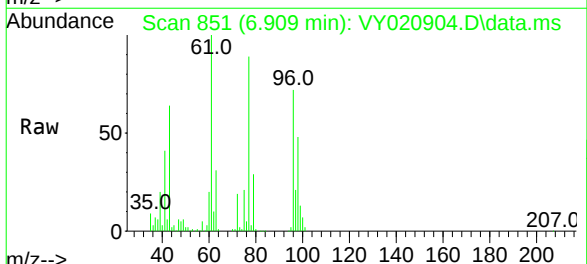
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

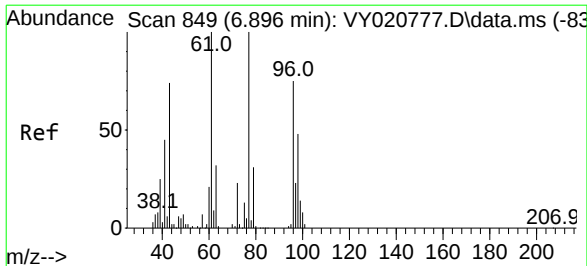
Tgt Ion: 43 Resp: 106474
Ion Ratio Lower Upper
43 100
72 29.7 24.0 36.0



#26
2,2-Dichloropropane
Concen: 48.460 ug/l
RT: 6.909 min Scan# 851
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

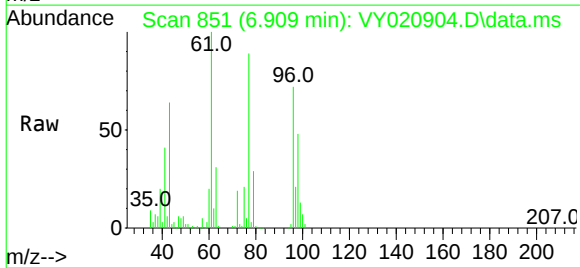
Tgt Ion: 77 Resp: 157089
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8



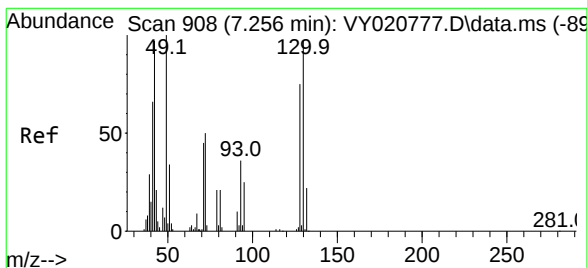
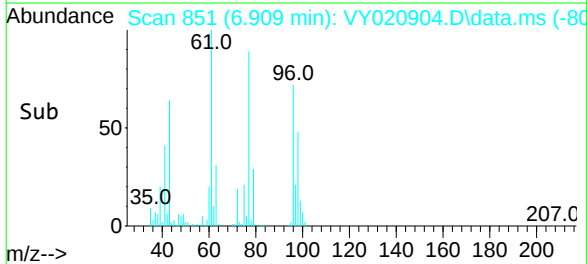
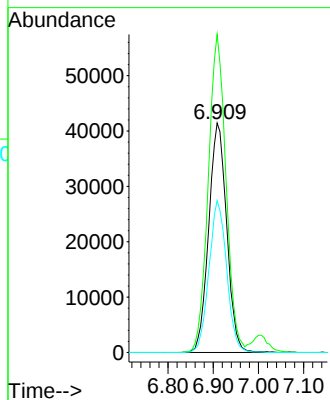


#27
 cis-1,2-Dichloroethene
 Concen: 53.547 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

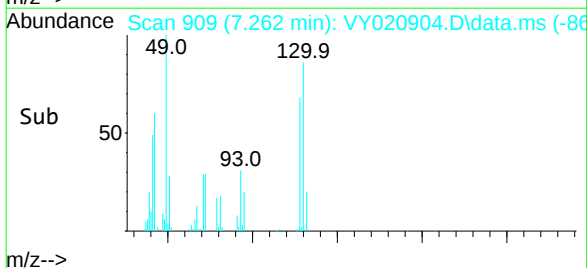
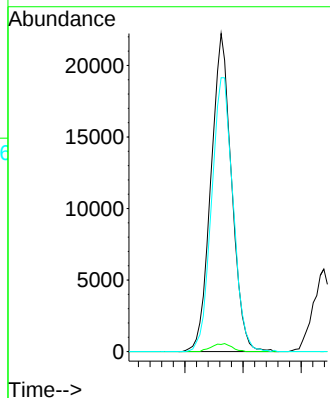
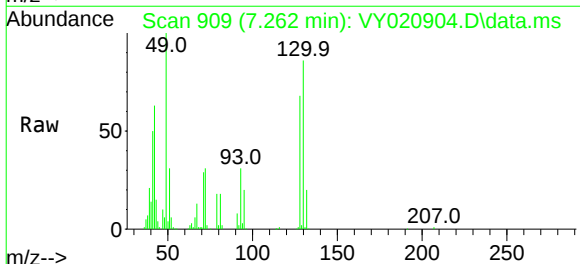


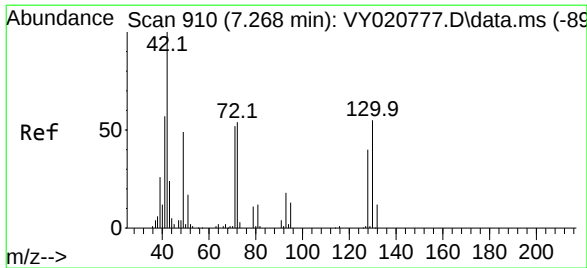
Tgt Ion: 96 Resp: 114559
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 271.4
 98 65.2 0.0 129.0



#28
 Bromochloromethane
 Concen: 65.164 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Tgt Ion: 49 Resp: 54898
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 89.5 77.8 116.6





#29

Tetrahydrofuran

Concen: 279.796 ug/l

RT: 7.281 min Scan# 91

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

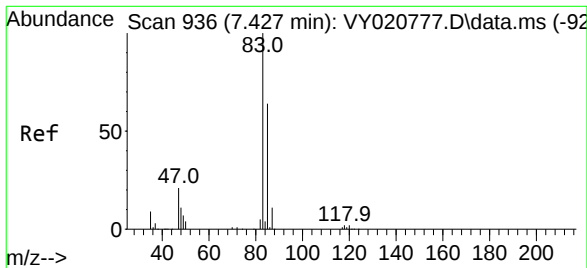
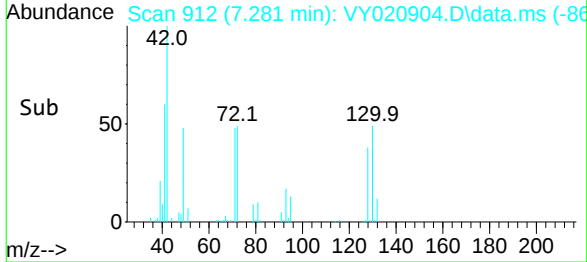
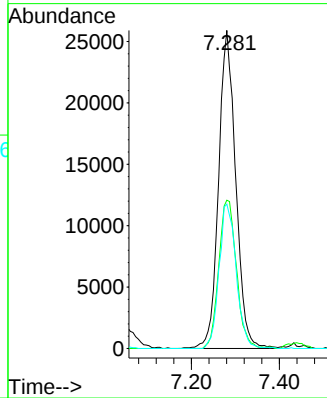
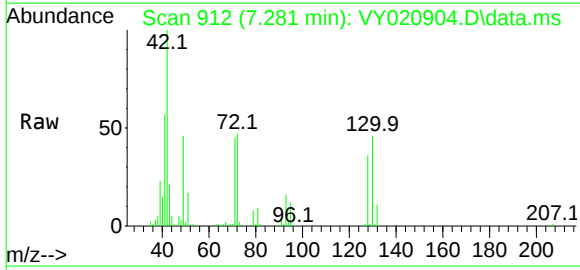
Tgt Ion: 42 Resp: 70069

Ion Ratio Lower Upper

42 100

72 48.1 41.8 62.6

71 45.6 39.8 59.8



#30

Chloroform

Concen: 52.788 ug/l

RT: 7.439 min Scan# 938

Delta R.T. -0.018 min

Lab File: VY020904.D

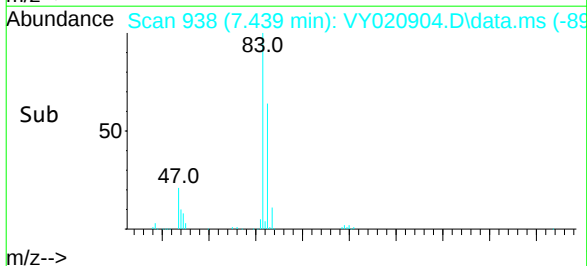
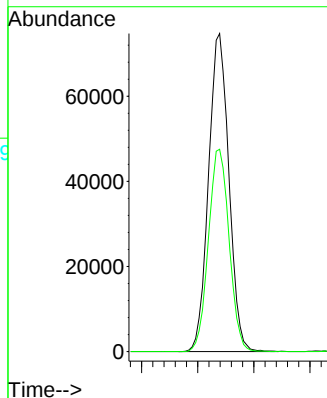
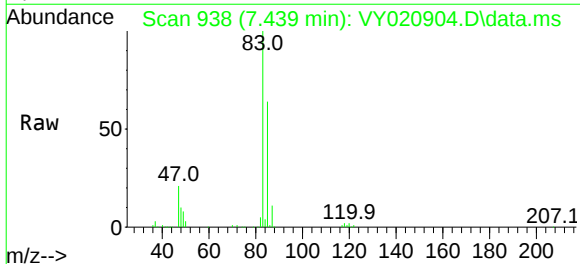
Acq: 22 Jan 2025 17:14

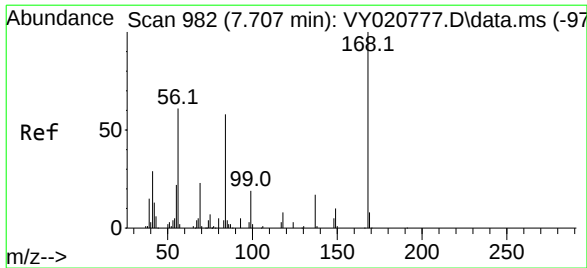
Tgt Ion: 83 Resp: 187949

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

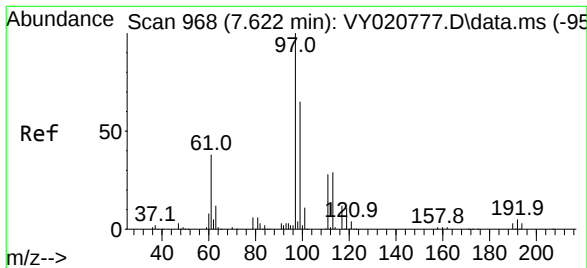
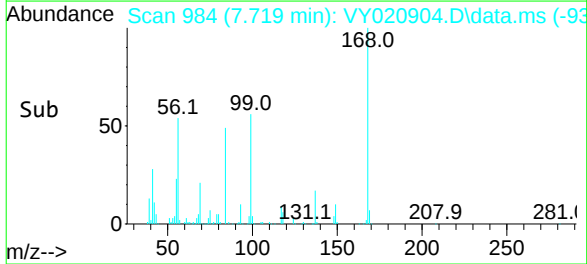
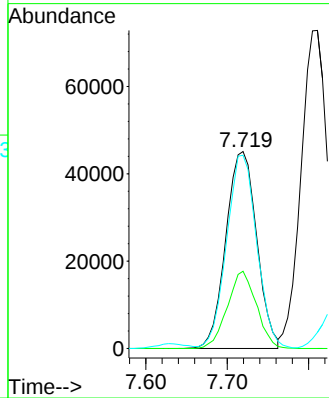
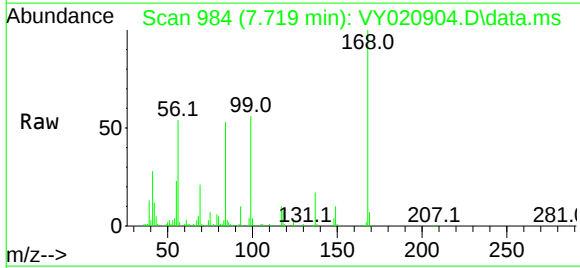




#31
Cyclohexane
Concen: 48.666 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

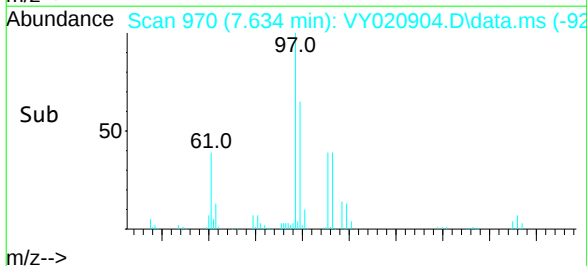
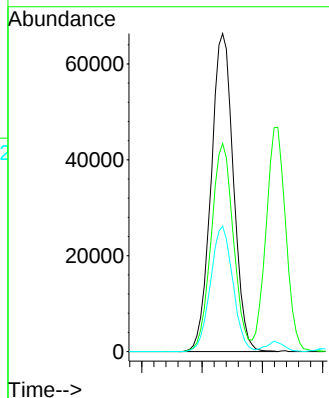
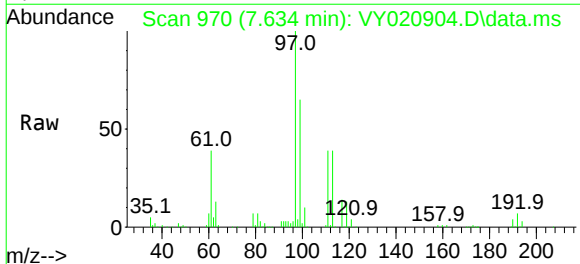
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

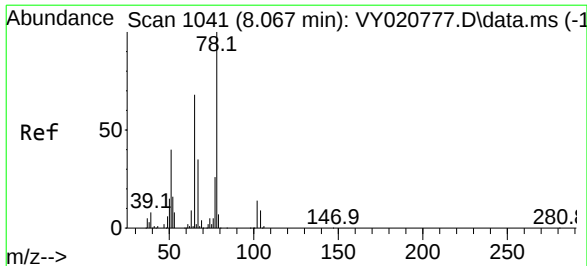
Tgt Ion: 56 Resp: 118846
Ion Ratio Lower Upper
56 100
69 39.2 30.5 45.7
84 96.1 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 49.223 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 97 Resp: 170948
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 39.4 30.5 45.7

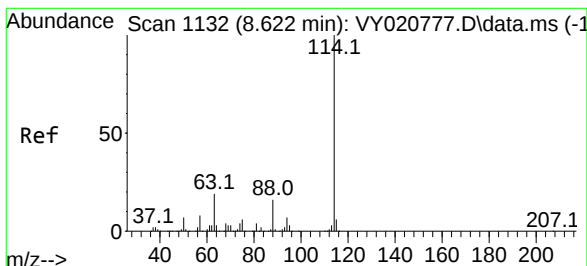
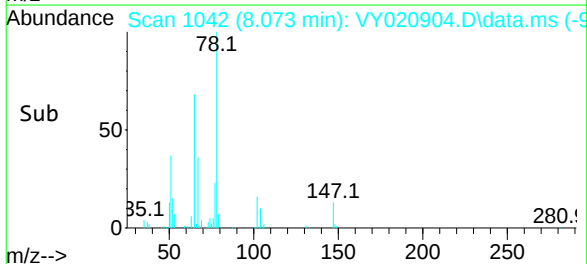
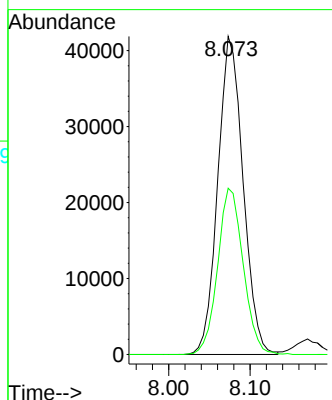
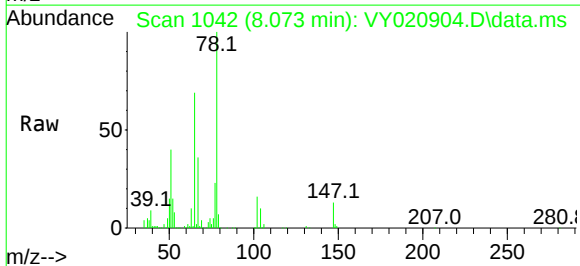




#33
1,2-Dichloroethane-d4
Concen: 53.894 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

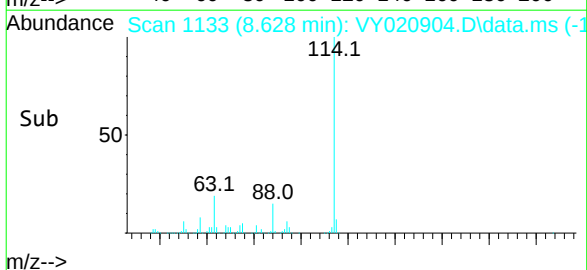
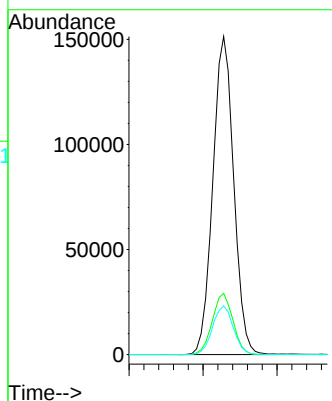
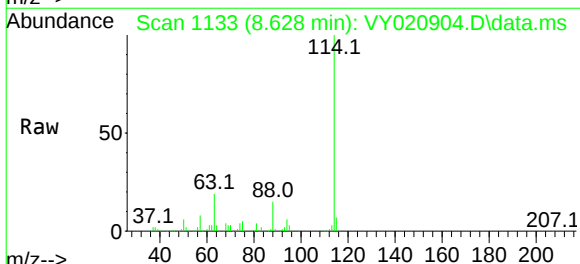
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

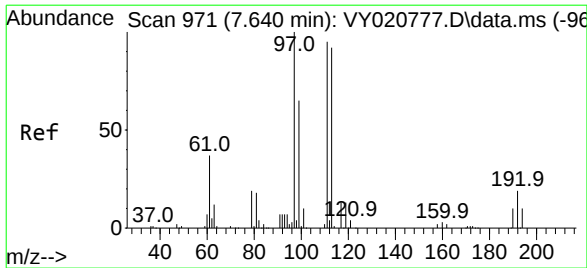
Tgt Ion: 65 Resp: 90449
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 114 Resp: 296406
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.3 0.0 31.2

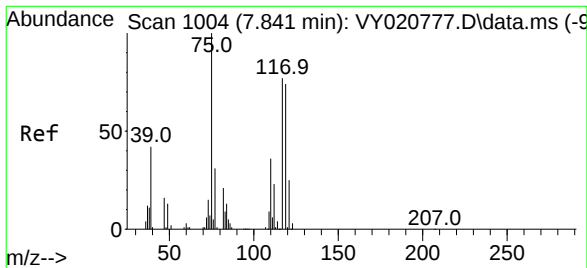
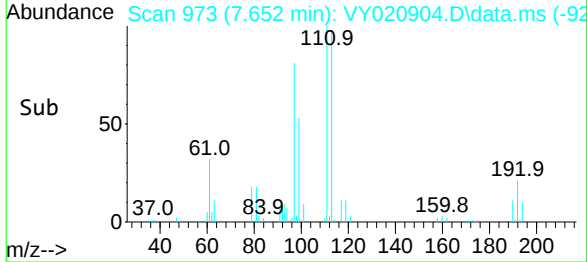
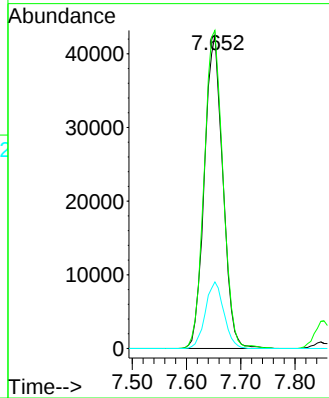
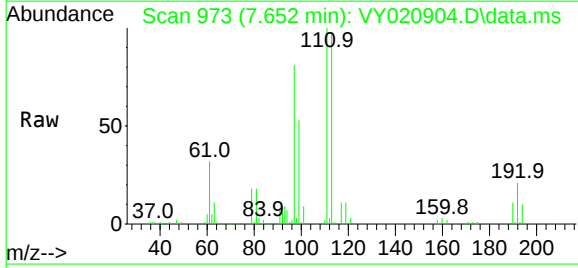




#35
Dibromofluoromethane
Concen: 53.997 ug/l
RT: 7.652 min Scan# 971
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

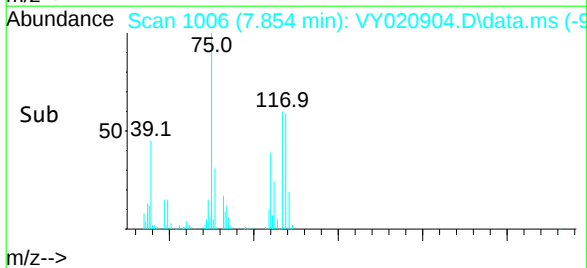
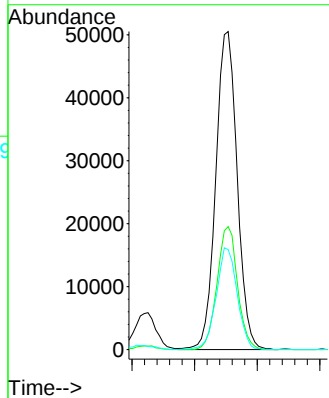
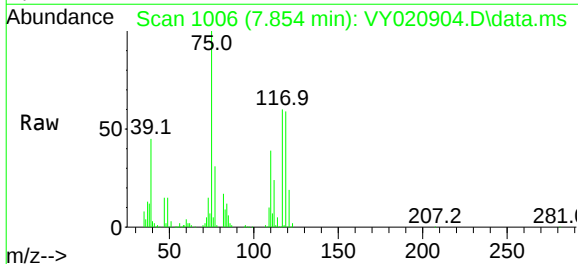
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

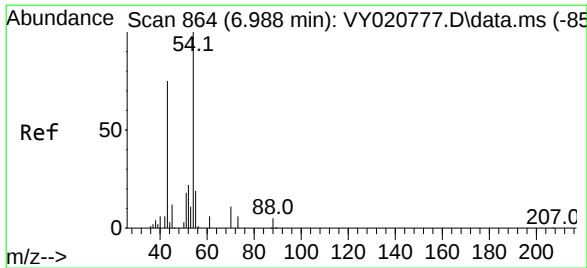
Tgt Ion:113 Resp: 100270
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.661 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 75 Resp: 119993
Ion Ratio Lower Upper
75 100
110 37.0 18.5 55.5
77 31.3 25.0 37.4

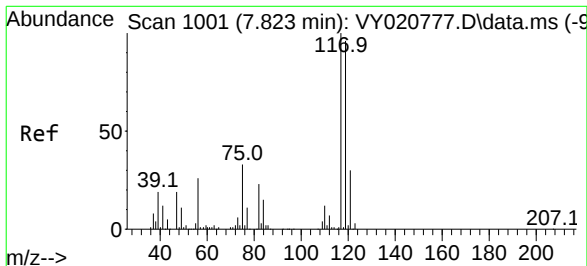
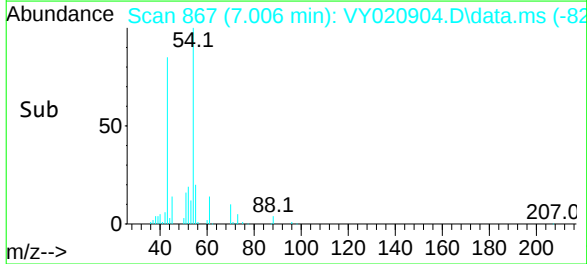
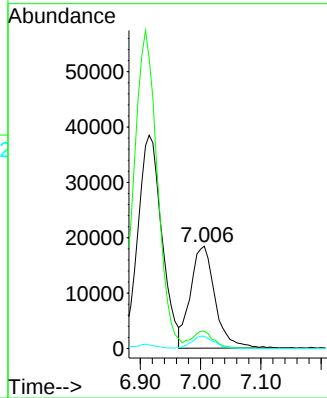
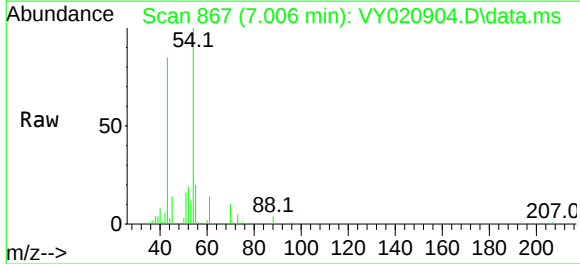




#37
Ethyl Acetate
Concen: 55.116 ug/l
RT: 7.006 min Scan# 864
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

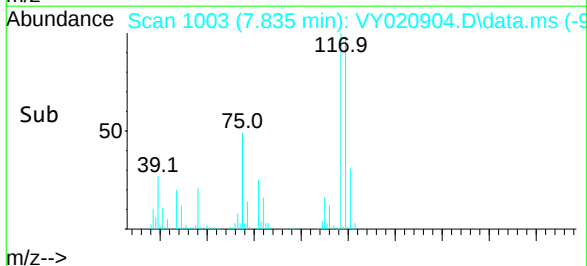
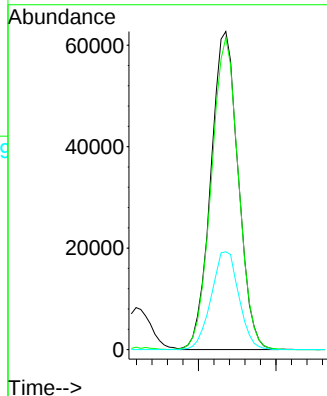
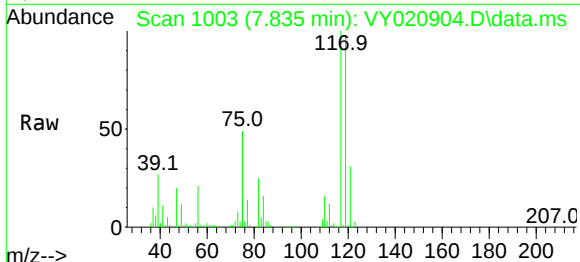
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

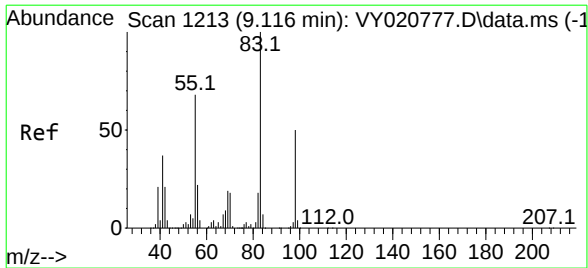
Tgt Ion: 43 Resp: 51950
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 11.2 9.8 14.8



#38
Carbon Tetrachloride
Concen: 46.734 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 117 Resp: 154082
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7
121 30.7 24.3 36.5

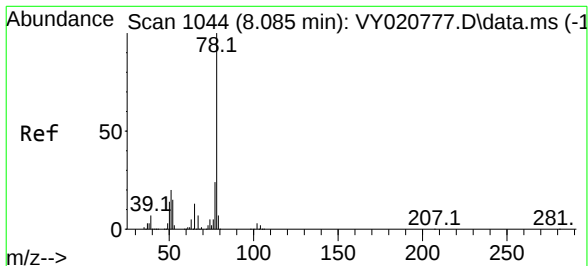
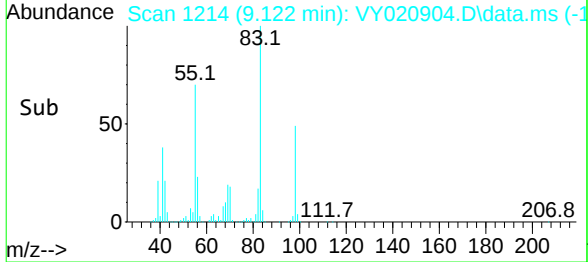
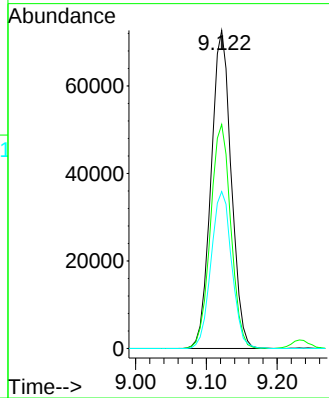
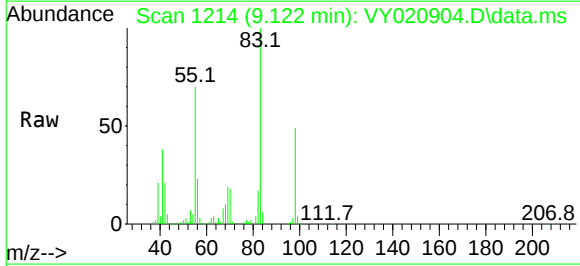




#39
Methylcyclohexane
Concen: 49.456 ug/l
RT: 9.122 min Scan# 1213
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

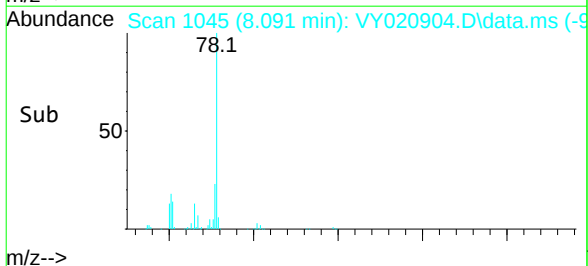
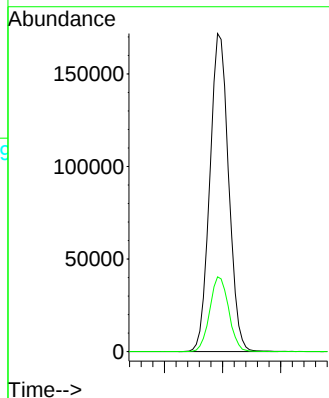
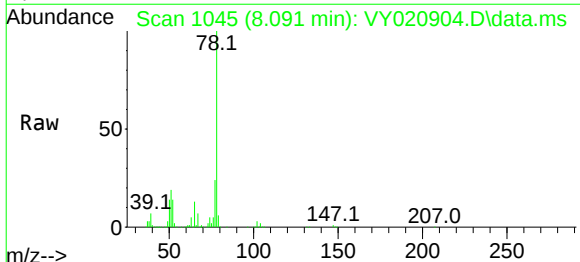
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

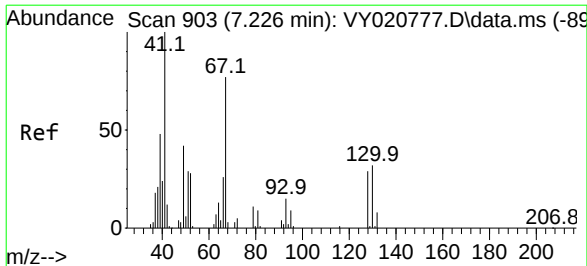
Tgt Ion: 83 Resp: 143743
Ion Ratio Lower Upper
83 100
55 70.4 54.8 82.2
98 49.3 40.0 60.0



#40
Benzene
Concen: 53.084 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 78 Resp: 385890
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2





#41

Methacrylonitrile

Concen: 58.007 ug/l

RT: 7.232 min Scan# 90

Delta R.T. -0.024 min

Lab File: VY020904.D

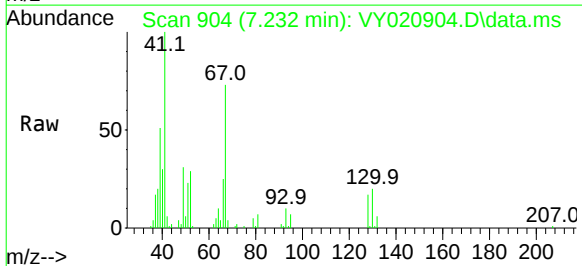
Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 41 Resp: 31312

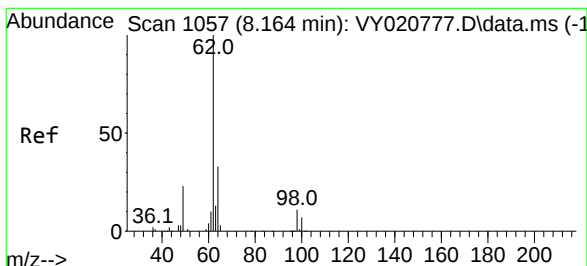
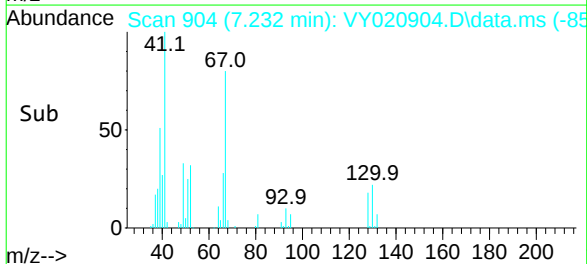
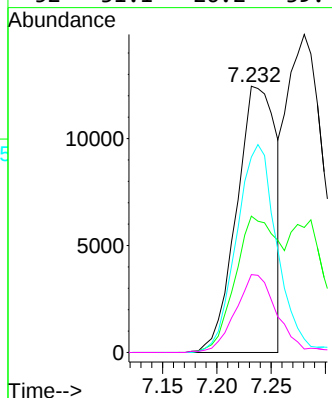
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

41	100		
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39	57.9	42.4	63.6
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67	81.1	67.8	101.8
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52	31.1	26.2	39.4
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#42

1,2-Dichloroethane

Concen: 51.058 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.018 min

Lab File: VY020904.D

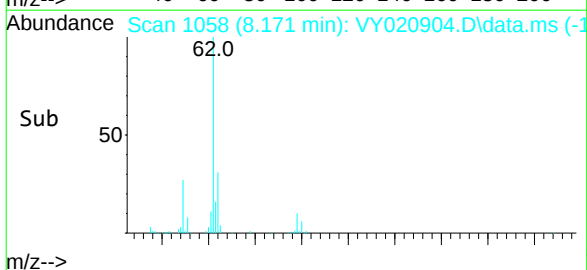
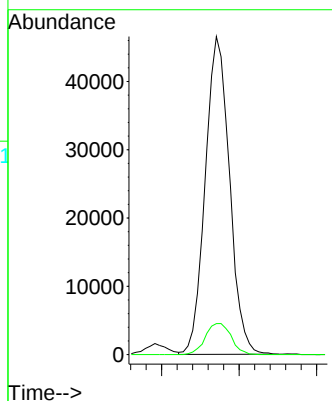
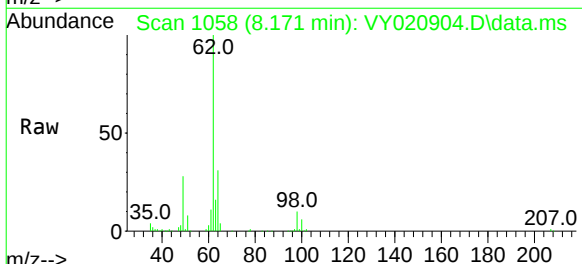
Acq: 22 Jan 2025 17:14

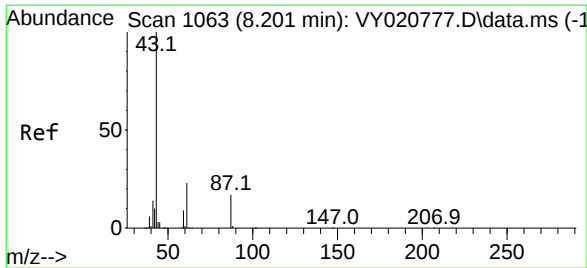
Tgt Ion: 62 Resp: 101360

Ion	Ratio	Lower	Upper
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62	100		
----	-----	--	--

98	10.4	0.0	19.6
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#43

Isopropyl Acetate

Concen: 55.073 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

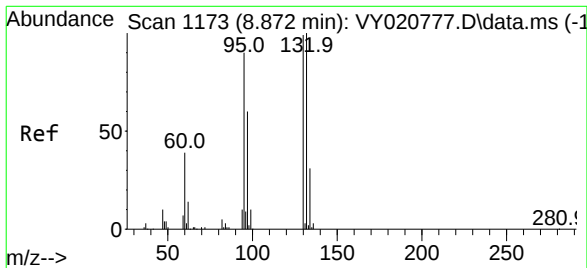
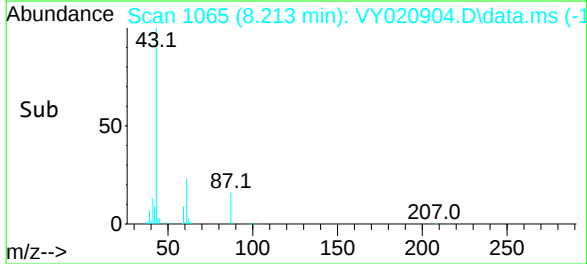
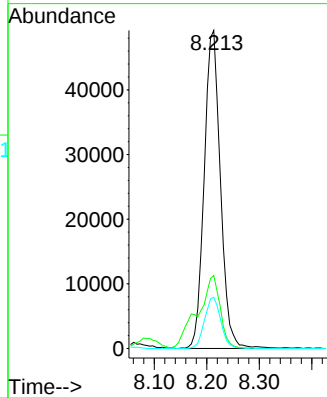
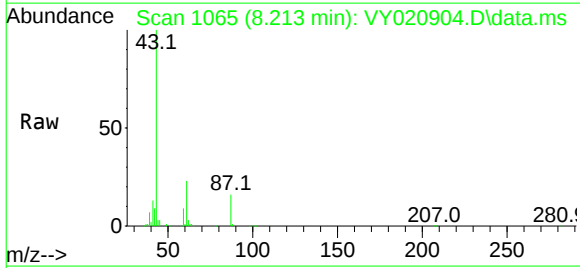
Tgt Ion: 43 Resp: 105583

Ion Ratio Lower Upper

43 100

61 32.2 26.5 39.7

87 16.0 13.4 20.0



#44

Trichloroethene

Concen: 51.721 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VY020904.D

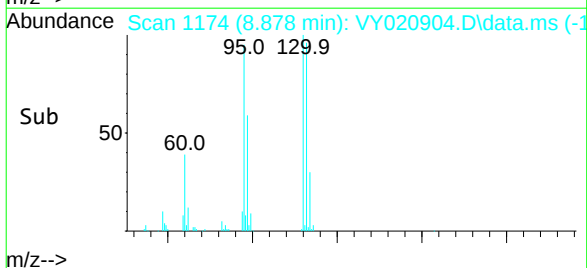
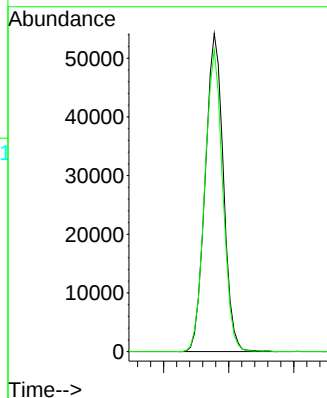
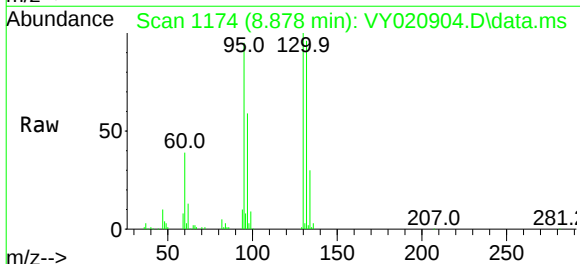
Acq: 22 Jan 2025 17:14

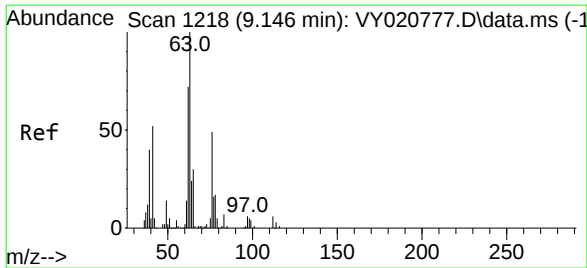
Tgt Ion:130 Resp: 104810

Ion Ratio Lower Upper

130 100

95 94.8 0.0 181.0

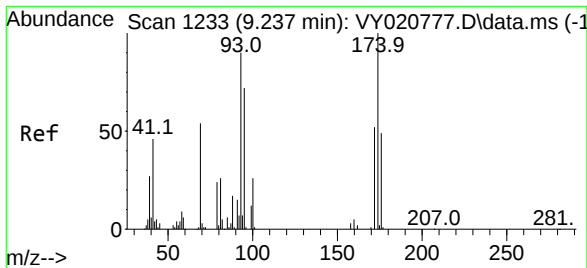
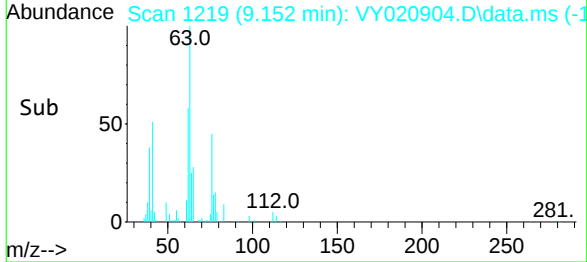
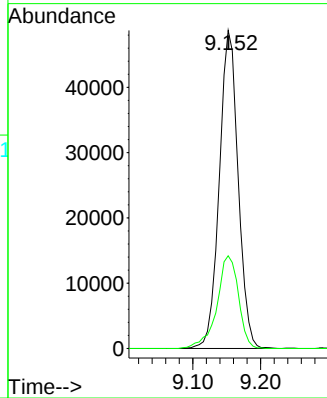
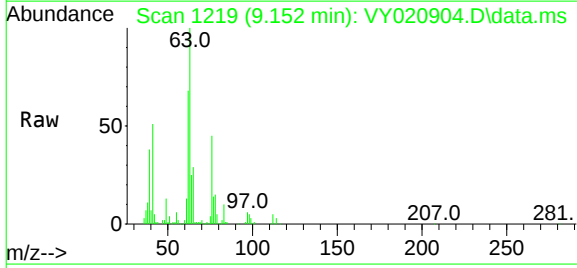




#45
1,2-Dichloropropane
Concen: 57.096 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

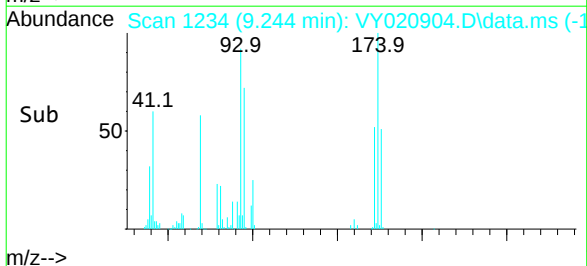
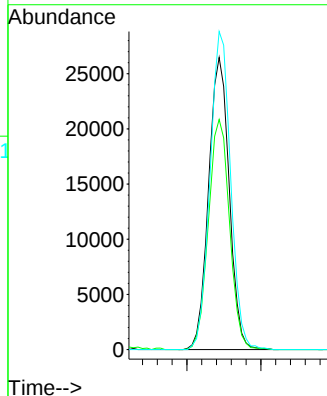
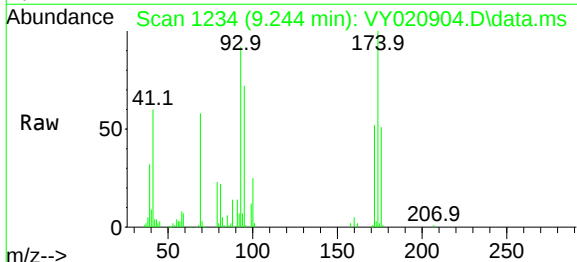
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

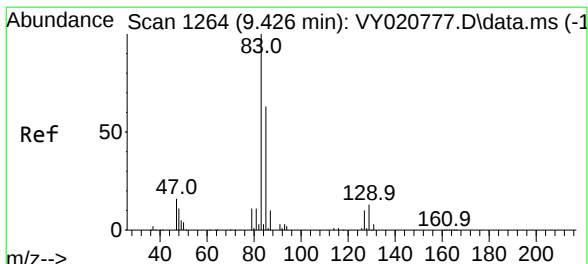
Tgt Ion: 63 Resp: 94093
Ion Ratio Lower Upper
63 100
65 29.1 24.2 36.4



#46
Dibromomethane
Concen: 54.123 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 93 Resp: 51218
Ion Ratio Lower Upper
93 100
95 80.6 68.2 102.4
174 108.8 89.0 133.6

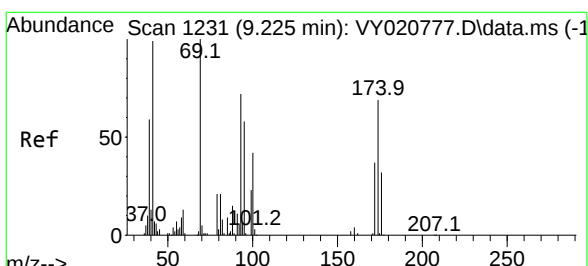
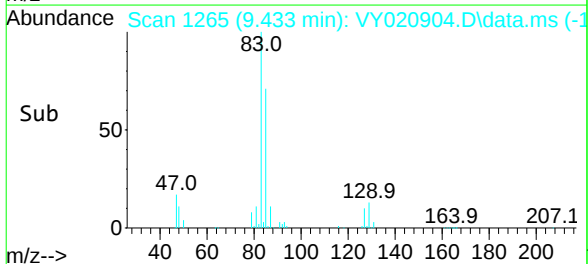
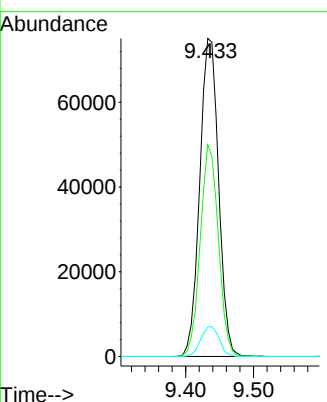
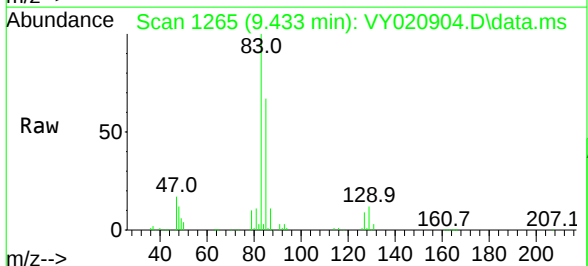




#47
 Bromodichloromethane
 Concen: 53.350 ug/l
 RT: 9.433 min Scan# 1265
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

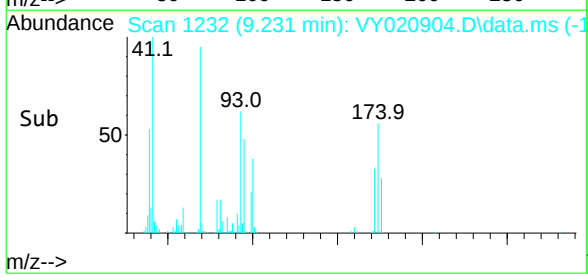
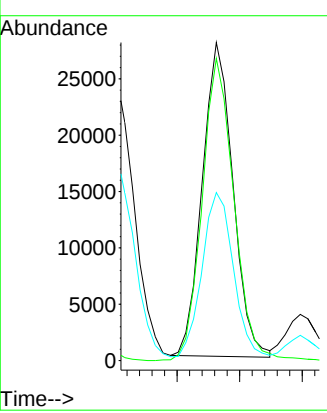
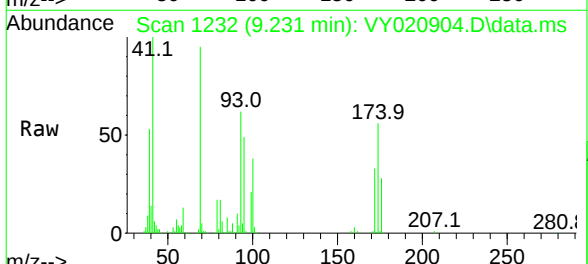
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

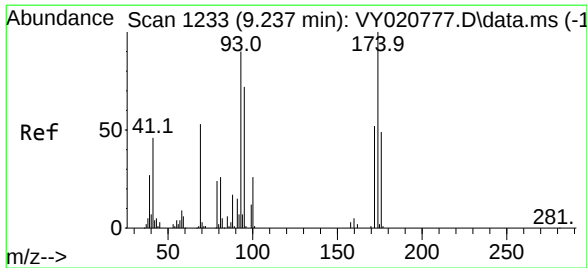
Tgt Ion:	83	Resp:	144590
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.7	76.1
127	9.2	7.9	11.9



#48
 Methyl methacrylate
 Concen: 55.157 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. -0.012 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Tgt Ion:	41	Resp:	47406
Ion	Ratio	Lower	Upper
41	100		
69	99.7	78.9	118.3
39	56.3	44.6	67.0

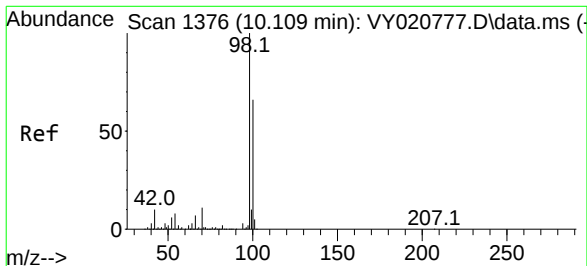
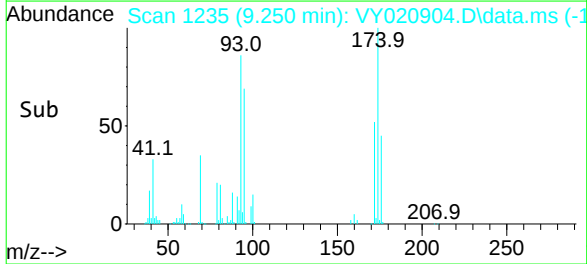
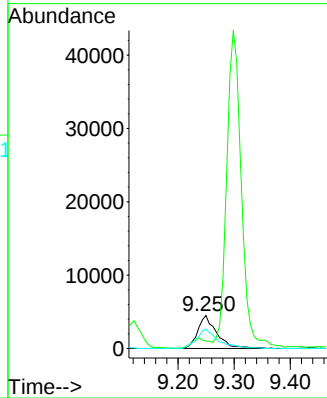
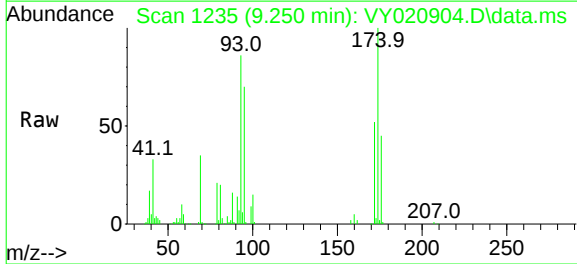




#49
1,4-Dioxane
Concen: 1049.908 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

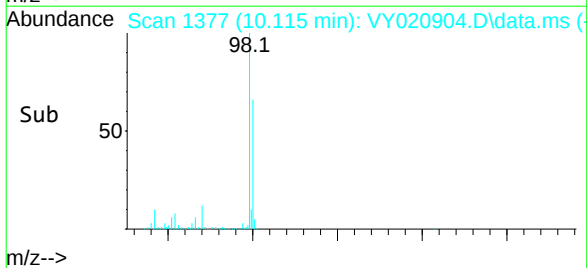
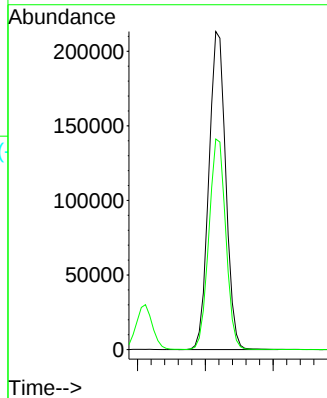
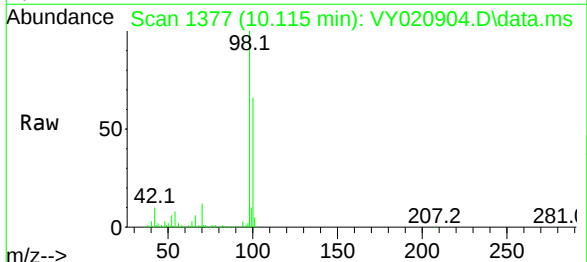
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

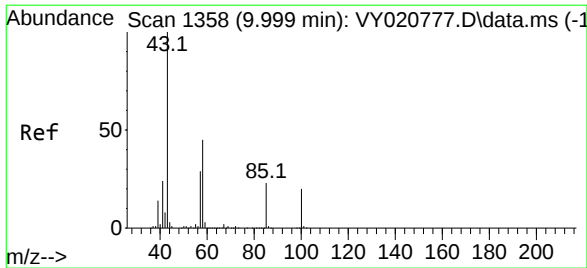
Tgt Ion: 88 Resp: 10549
Ion Ratio Lower Upper
88 100
43 28.4 24.4 36.6
58 67.0 51.0 76.6



#50
Toluene-d8
Concen: 56.999 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 98 Resp: 368978
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

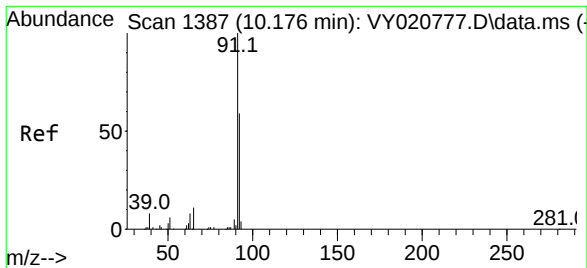
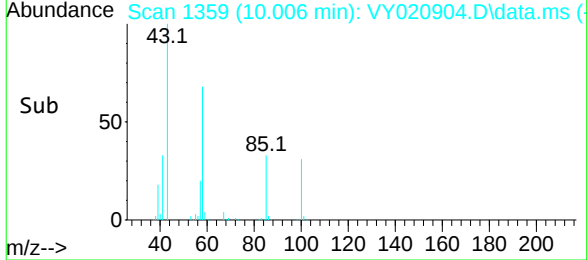
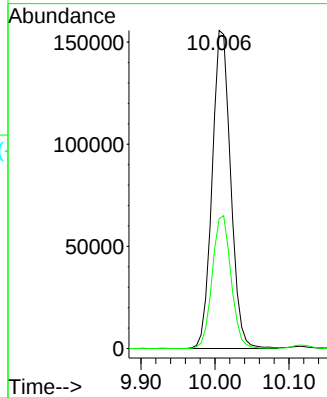
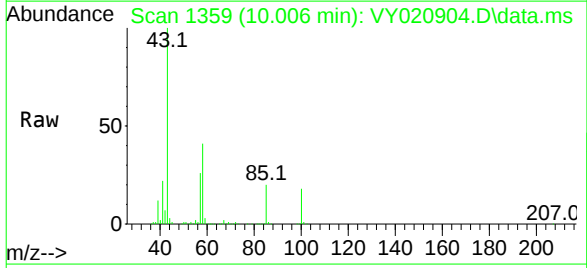




#51
4-Methyl-2-Pentanone
Concen: 282.489 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

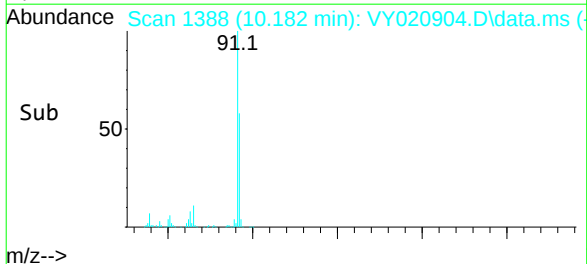
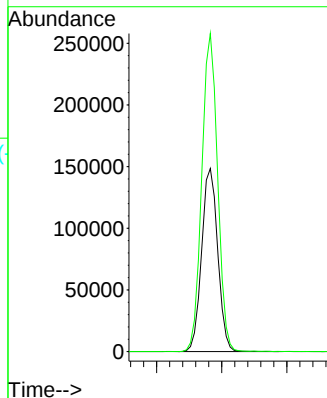
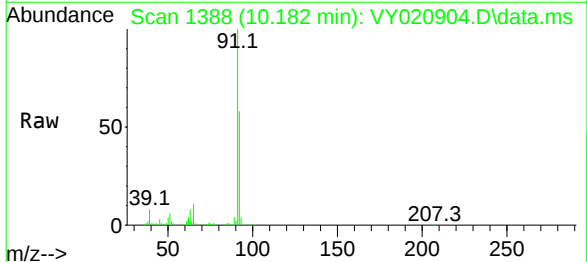
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

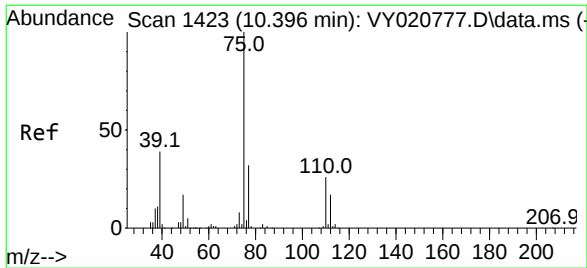
Tgt Ion: 43 Resp: 270561
Ion Ratio Lower Upper
43 100
58 42.4 34.8 52.2



#52
Toluene
Concen: 52.867 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 92 Resp: 254487
Ion Ratio Lower Upper
92 100
91 170.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.565 ug/l

RT: 10.402 min Scan# 1423

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

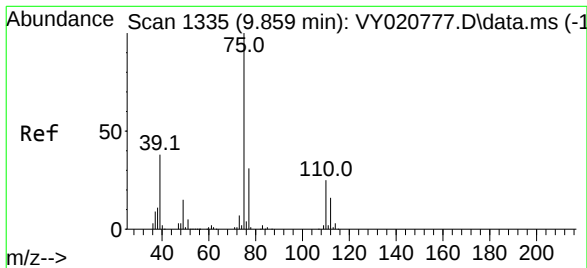
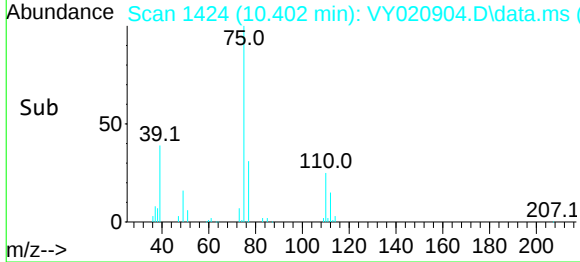
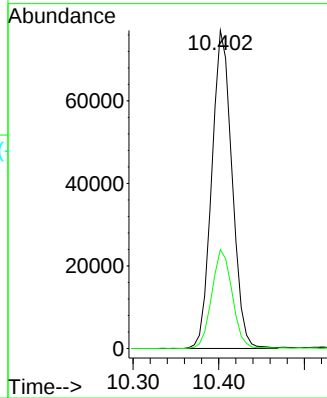
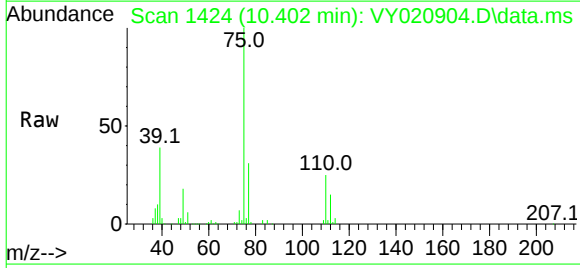
VSTDCCC050EC

Tgt Ion: 75 Resp: 126708

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.650 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

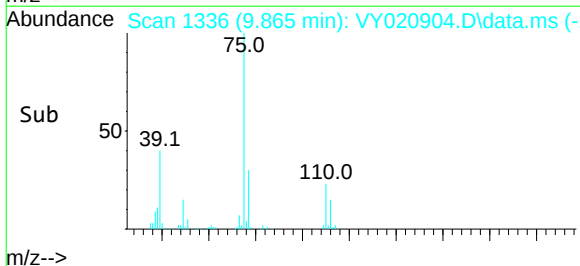
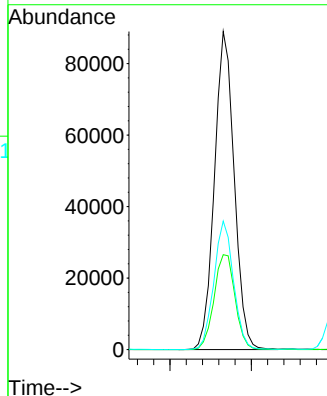
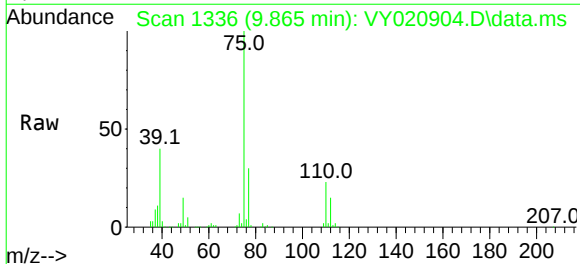
Tgt Ion: 75 Resp: 150193

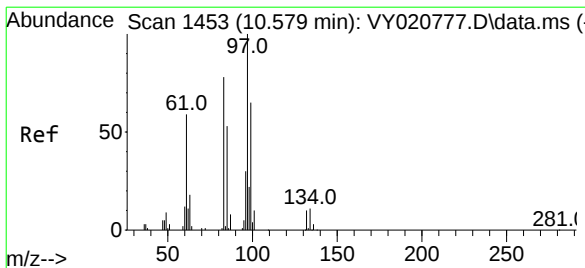
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 40.4 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 54.385 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 73526

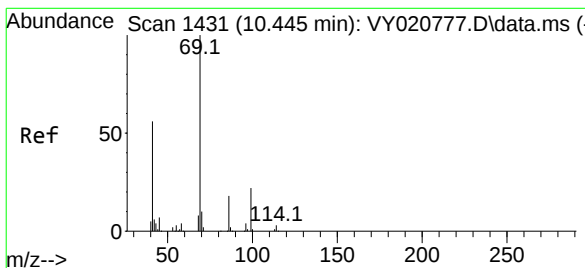
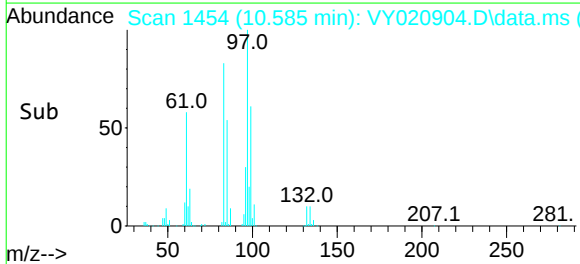
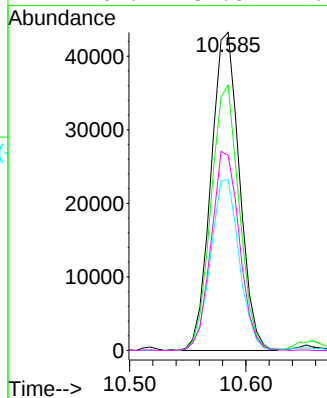
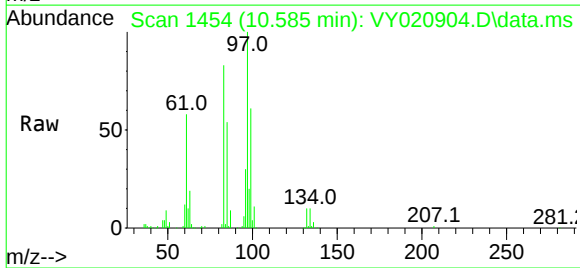
Ion Ratio Lower Upper

97 100

83 83.4 62.8 94.2

85 53.6 42.4 63.6

99 61.2 51.6 77.4



#56

Ethyl methacrylate

Concen: 54.756 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

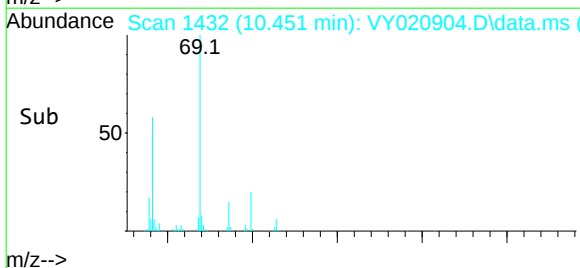
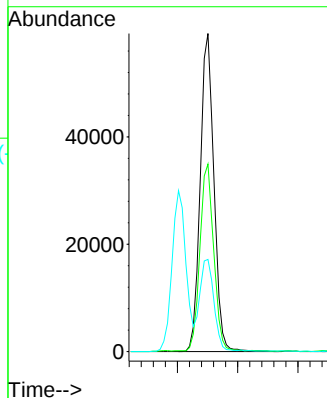
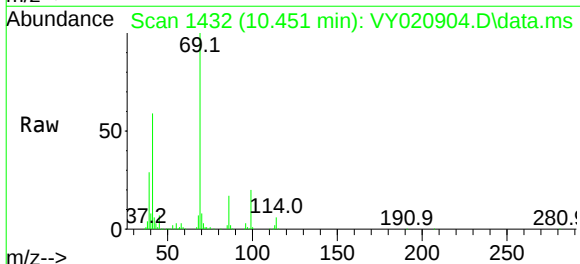
Tgt Ion: 69 Resp: 93491

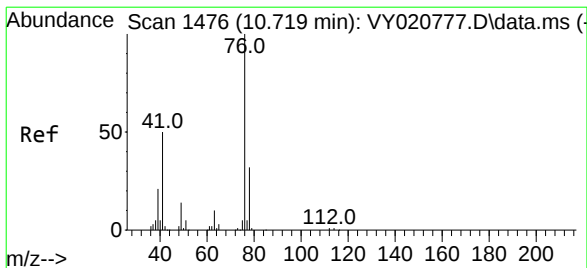
Ion Ratio Lower Upper

69 100

41 58.7 46.6 69.8

39 29.9 25.7 38.5





#57

1,3-Dichloropropane

Concen: 54.937 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

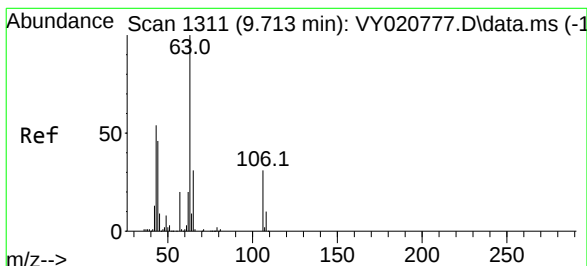
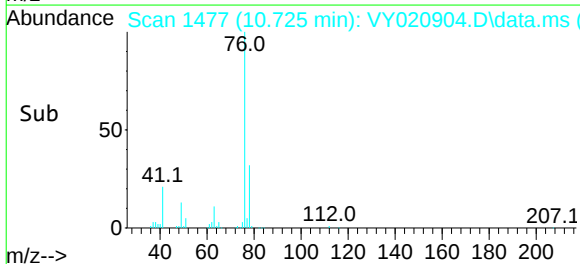
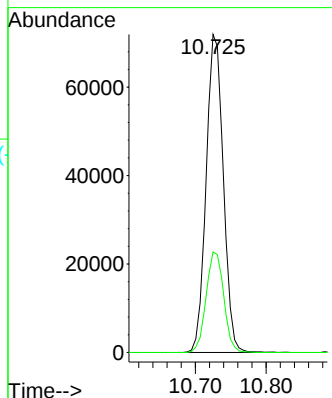
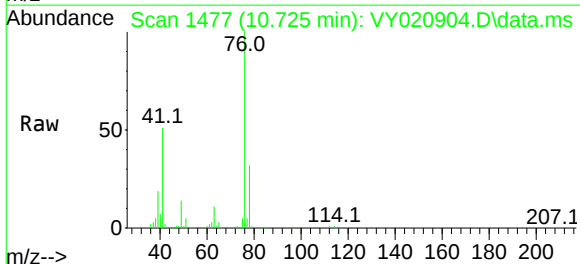
VSTDCCC050EC

Tgt Ion: 76 Resp: 121068

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.725 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VY020904.D

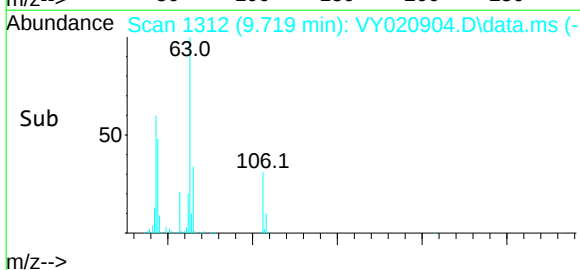
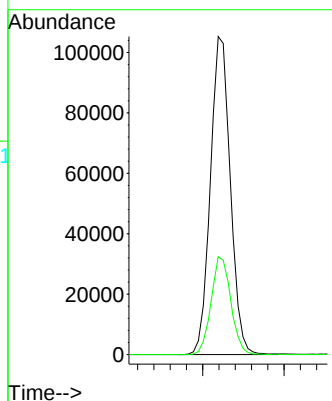
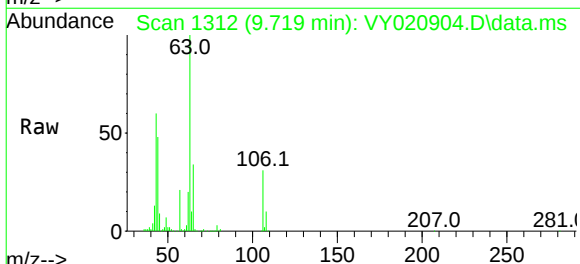
Acq: 22 Jan 2025 17:14

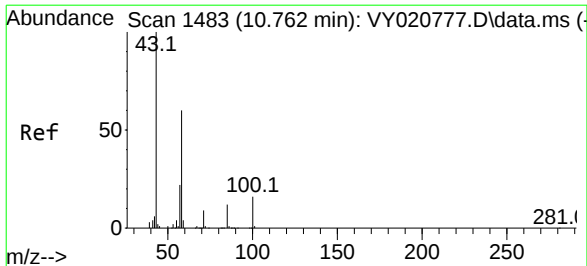
Tgt Ion: 63 Resp: 179310

Ion Ratio Lower Upper

63 100

106 30.4 25.9 38.9





#59

2-Hexanone

Concen: 283.953 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

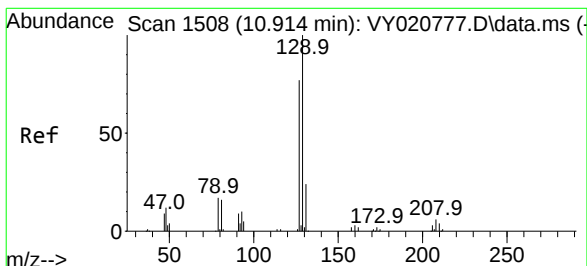
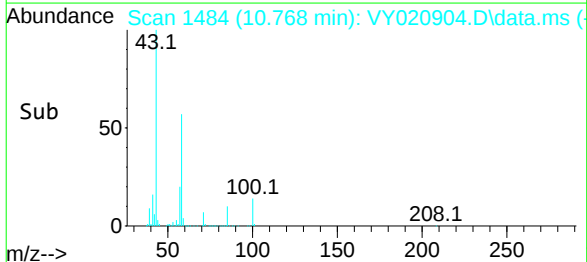
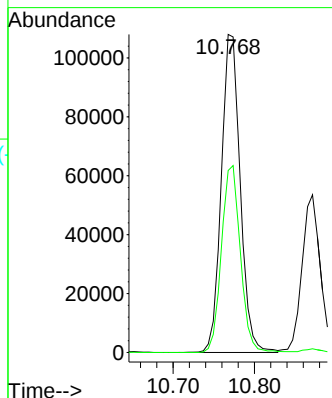
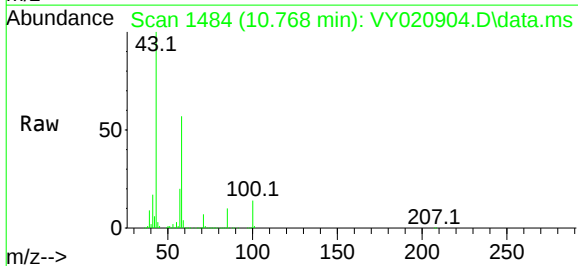
VSTDCCC050EC

Tgt Ion: 43 Resp: 174477

Ion Ratio Lower Upper

43 100

58 58.8 30.6 92.0



#60

Dibromochloromethane

Concen: 52.539 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. -0.012 min

Lab File: VY020904.D

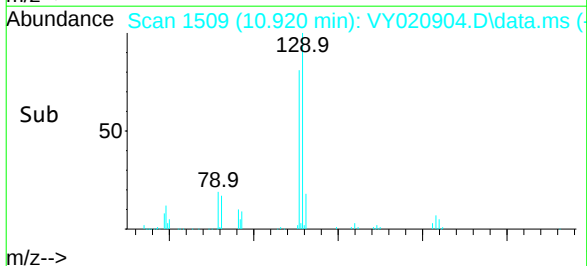
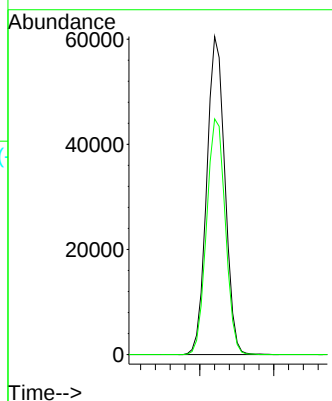
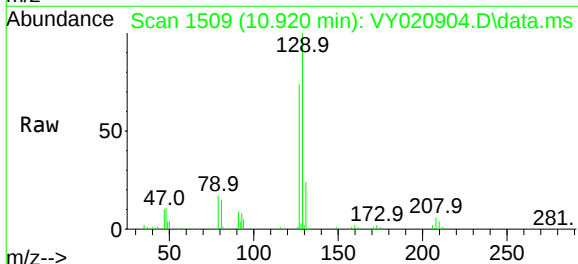
Acq: 22 Jan 2025 17:14

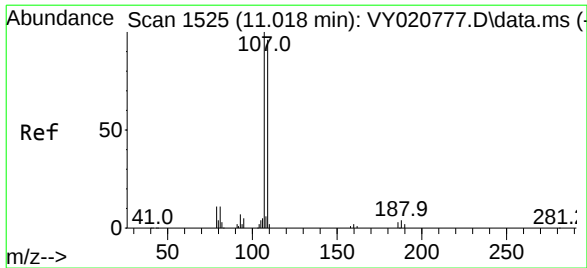
Tgt Ion: 129 Resp: 103018

Ion Ratio Lower Upper

129 100

127 76.5 38.3 114.9

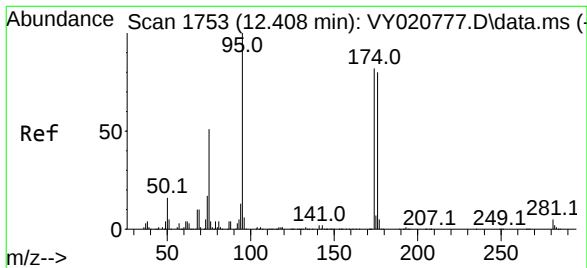
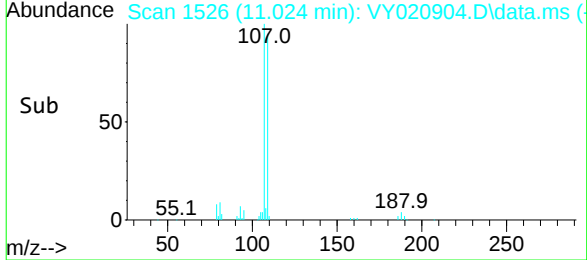
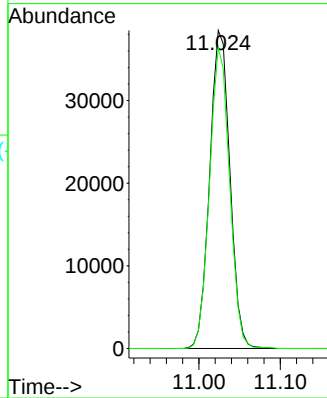
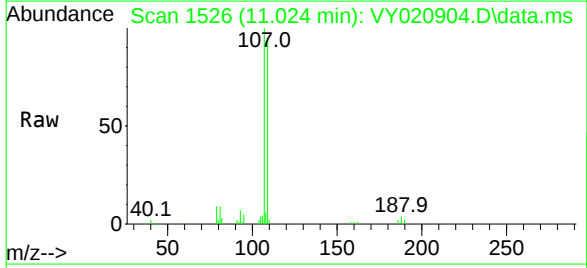




#61
1,2-Dibromoethane
Concen: 54.750 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

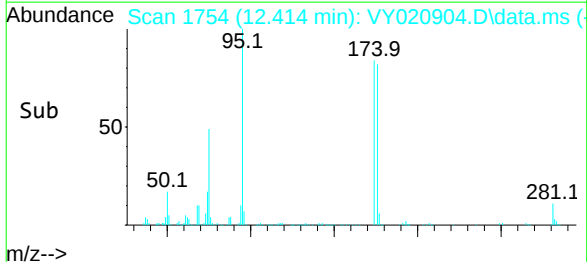
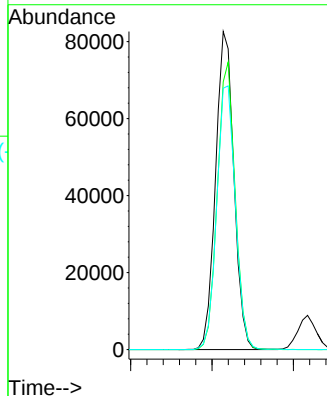
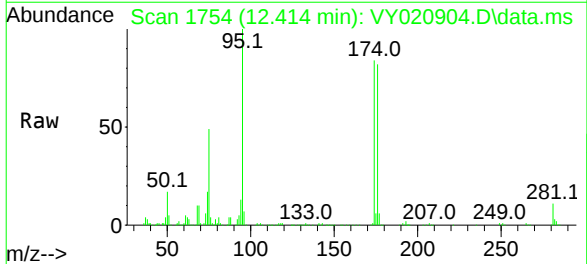
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

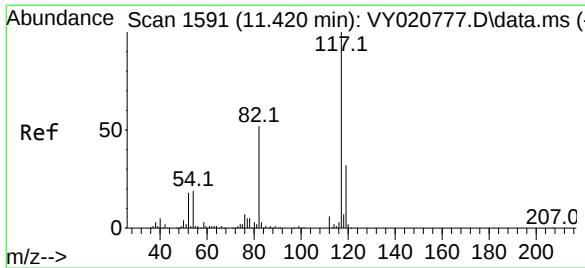
Tgt Ion:107 Resp: 66453
Ion Ratio Lower Upper
107 100
109 93.8 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.001 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 95 Resp: 129089
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.0
176 84.6 0.0 172.0

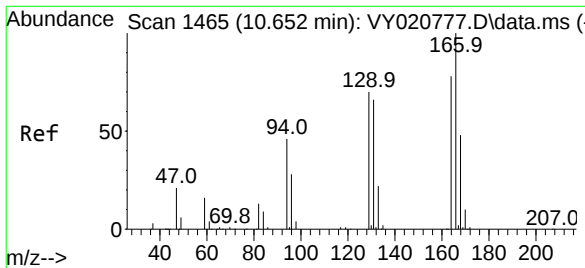
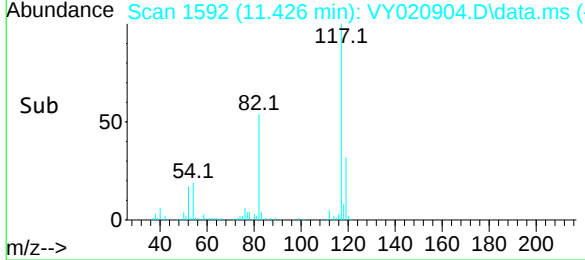
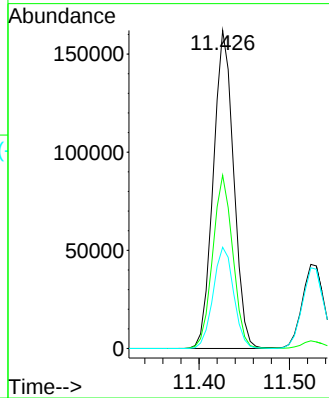
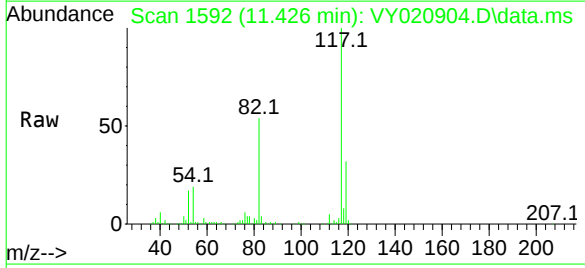




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1591
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

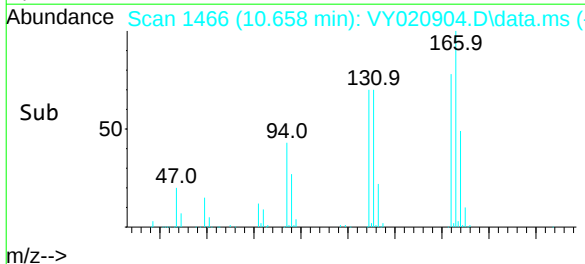
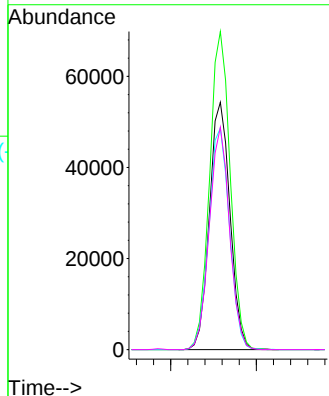
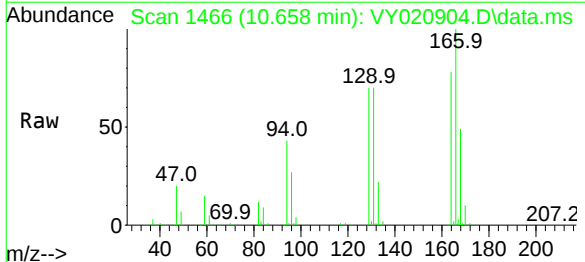
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

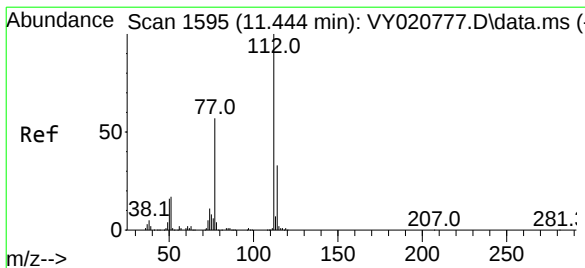
Tgt Ion:117 Resp: 253760
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 48.528 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion:164 Resp: 90538
Ion Ratio Lower Upper
164 100
166 128.6 102.0 153.0
129 89.6 71.4 107.2
131 89.9 67.8 101.6





#65

Chlorobenzene

Concen: 51.567 ug/l

RT: 11.450 min Scan# 1595

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

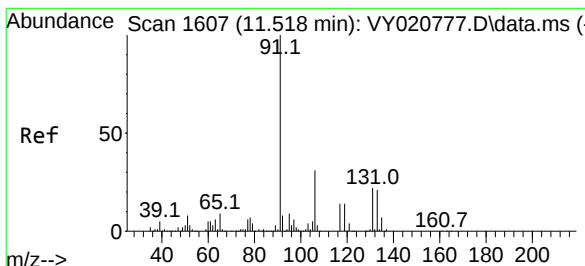
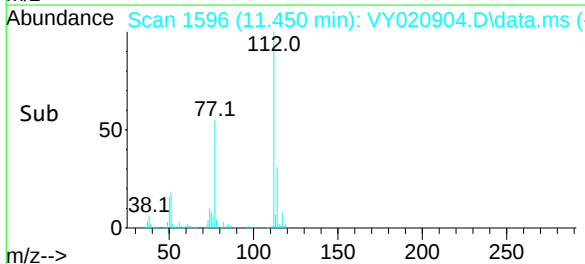
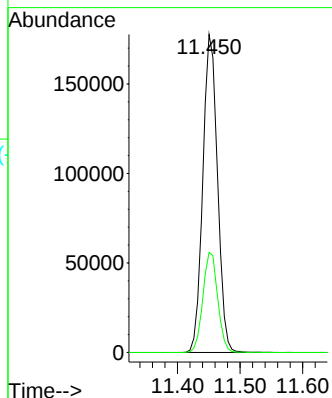
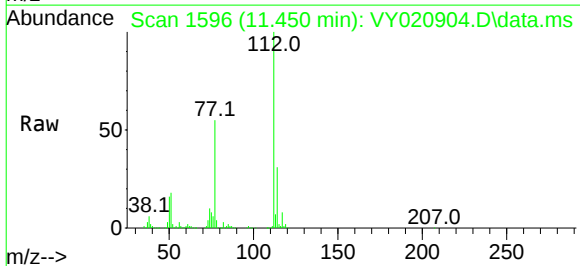
VSTDCCC050EC

Tgt Ion:112 Resp: 289323

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.057 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

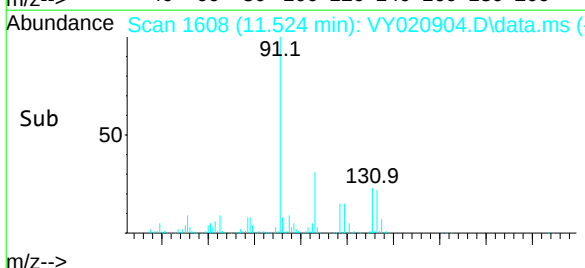
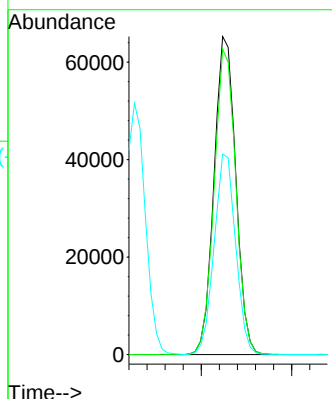
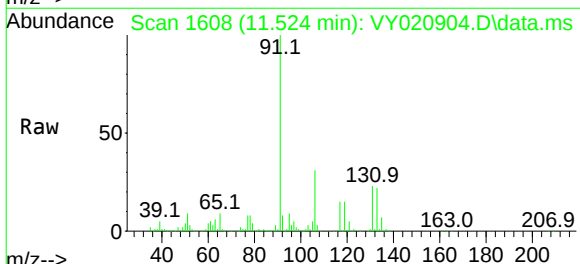
Tgt Ion:131 Resp: 109053

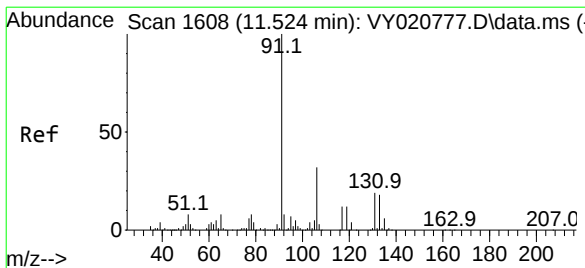
Ion Ratio Lower Upper

131 100

133 95.8 46.9 140.8

119 62.5 30.2 90.6





#67

Ethyl Benzene

Concen: 51.237 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

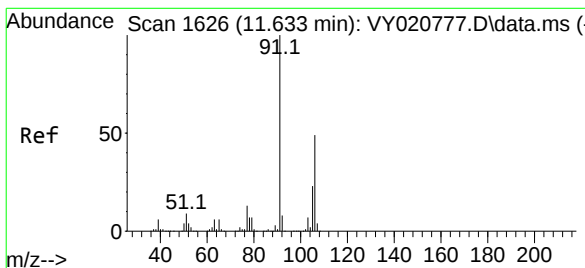
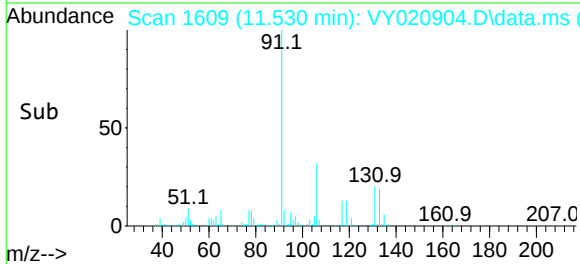
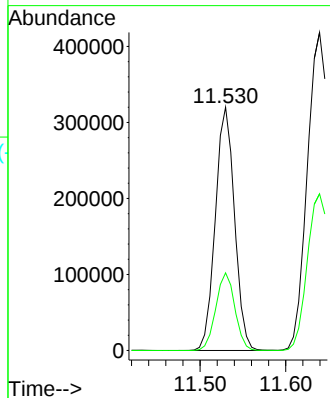
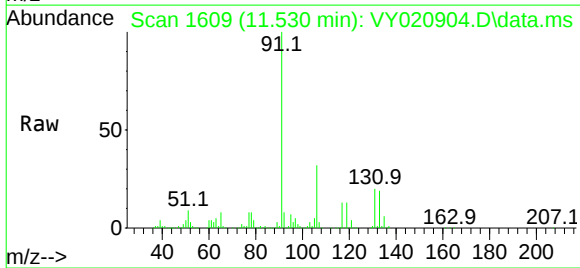
VSTDCCC050EC

Tgt Ion: 91 Resp: 497704

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 101.649 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. -0.012 min

Lab File: VY020904.D

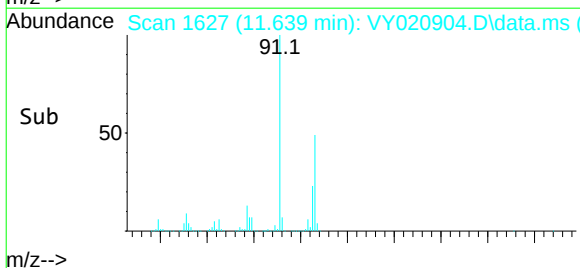
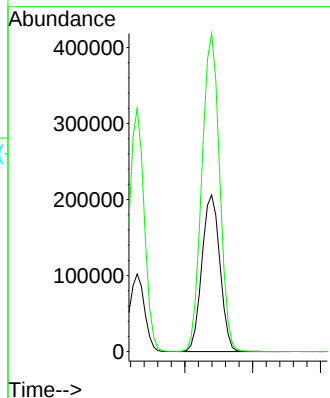
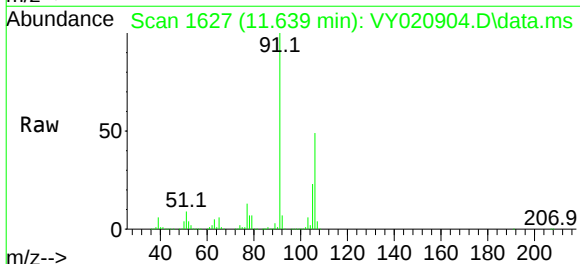
Acq: 22 Jan 2025 17:14

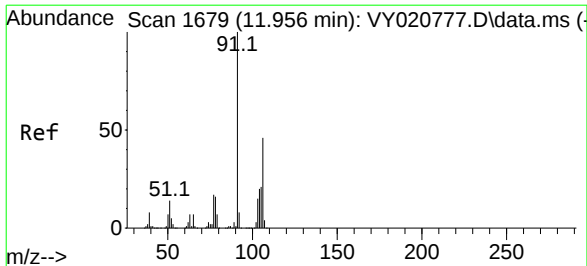
Tgt Ion:106 Resp: 380163

Ion Ratio Lower Upper

106 100

91 199.5 162.6 243.8





#69

o-Xylene

Concen: 51.035 ug/l

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

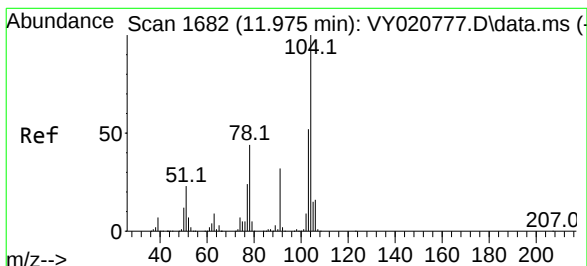
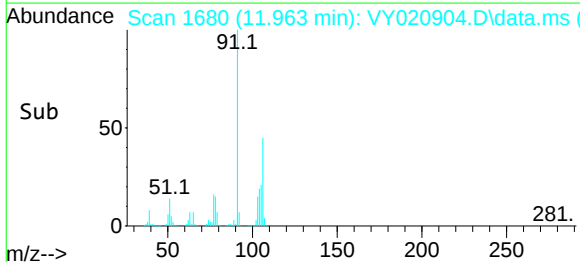
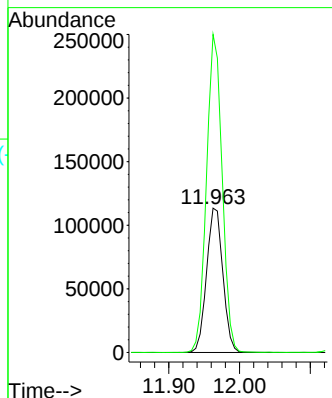
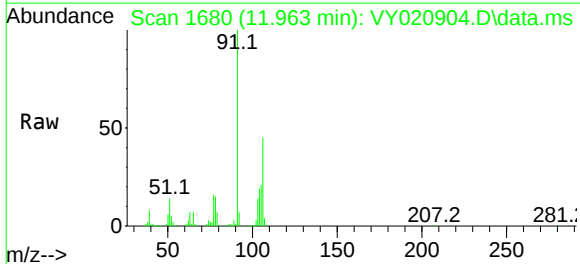
VSTDCCC050EC

Tgt Ion:106 Resp: 180972

Ion Ratio Lower Upper

106 100

91 212.4 108.2 324.6



#70

Styrene

Concen: 51.154 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

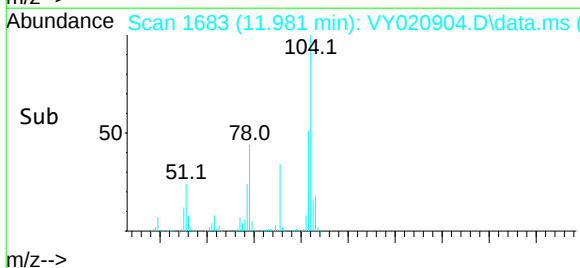
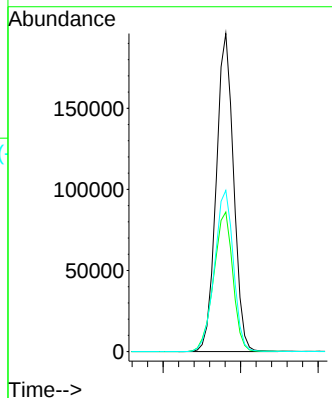
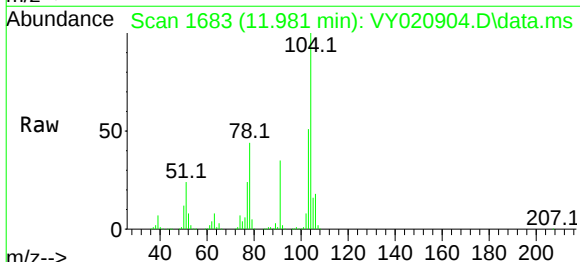
Tgt Ion:104 Resp: 305348

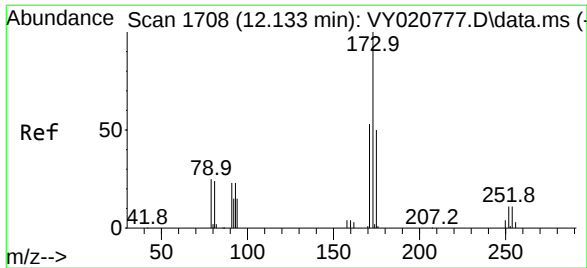
Ion Ratio Lower Upper

104 100

78 48.5 39.4 59.2

103 55.2 44.0 66.0





#71

Bromoform

Concen: 50.906 ug/l

RT: 12.145 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

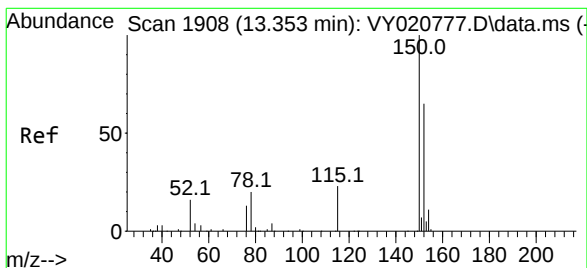
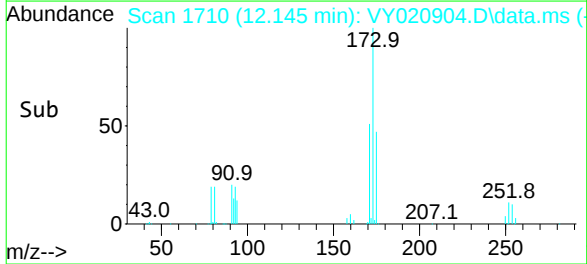
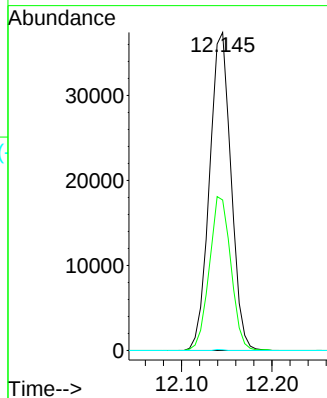
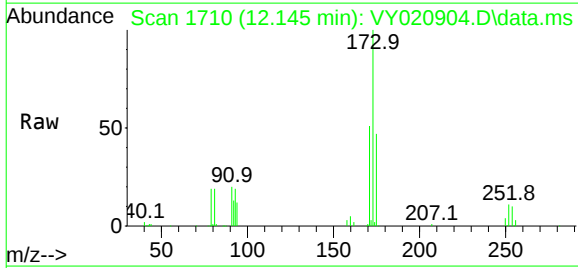
Tgt Ion:173 Resp: 61810

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

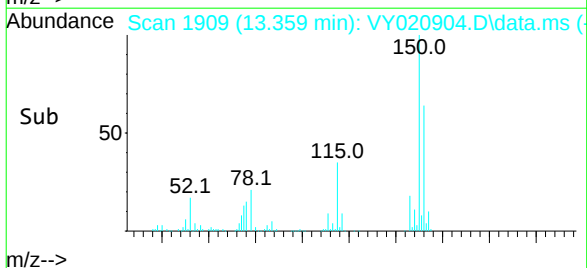
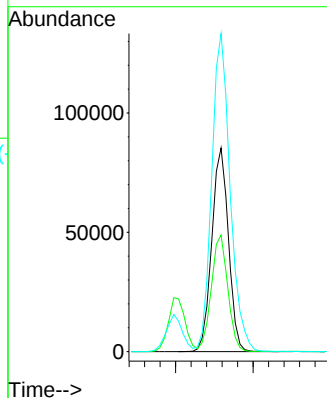
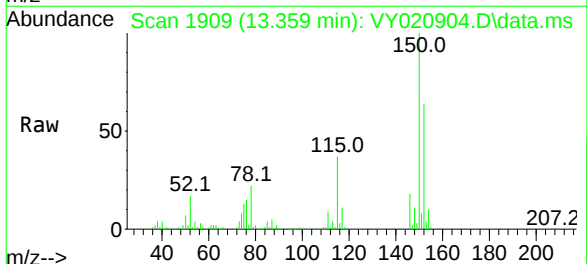
Tgt Ion:152 Resp: 127578

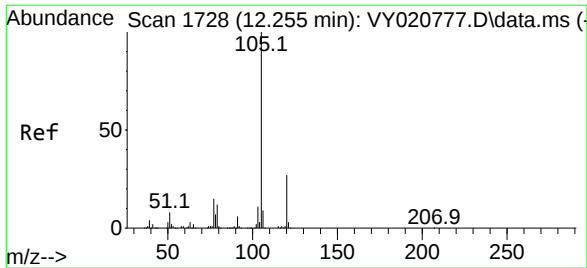
Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 172.0 0.0 347.4





#73

Isopropylbenzene

Concen: 48.783 ug/l

RT: 12.267 min Scan# 1728

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

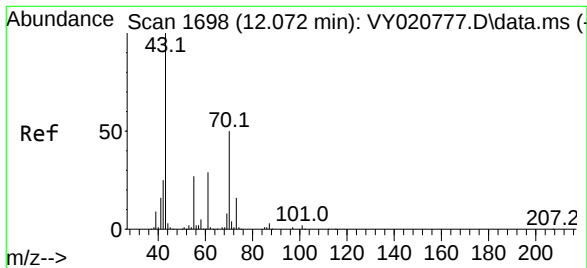
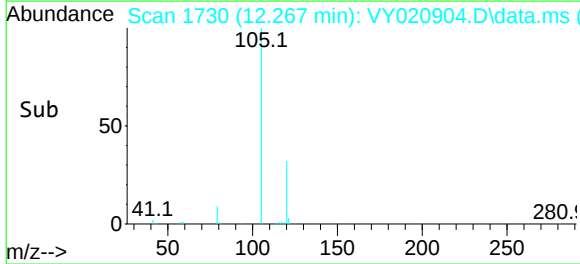
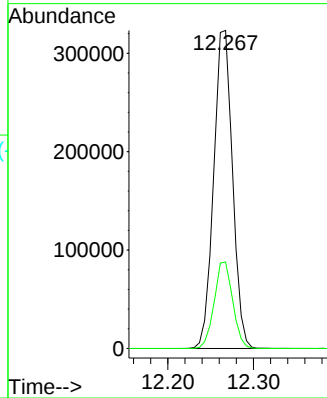
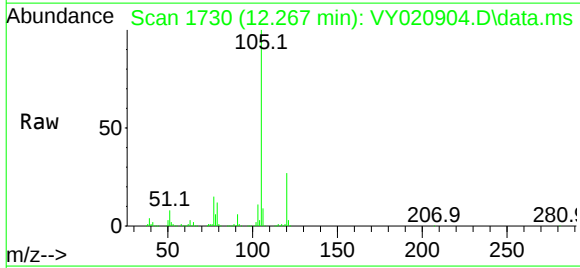
VSTDCCC050EC

Tgt Ion:105 Resp: 493732

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 53.936 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion: 43 Resp: 89293

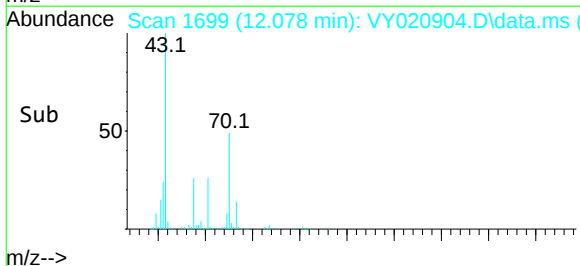
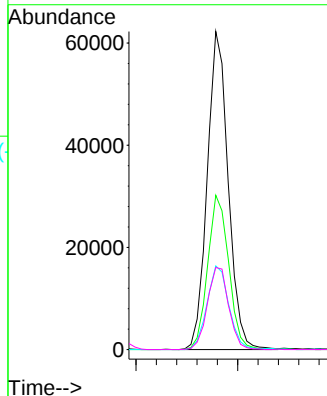
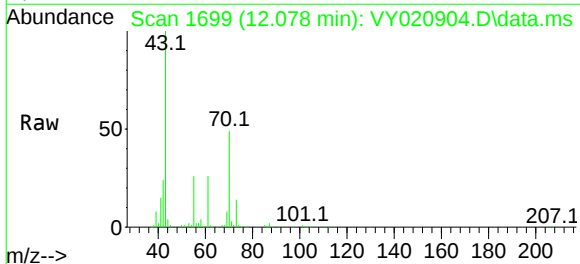
Ion Ratio Lower Upper

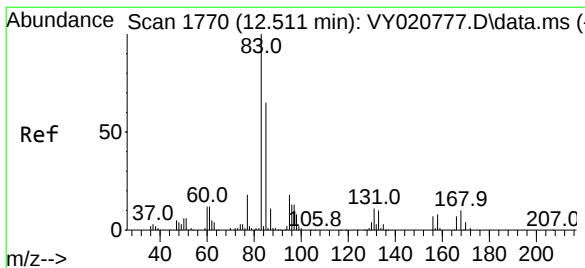
43 100

70 48.7 40.2 60.4

55 27.6 21.2 31.8

61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.944 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

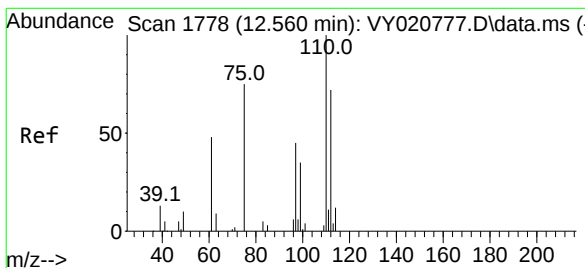
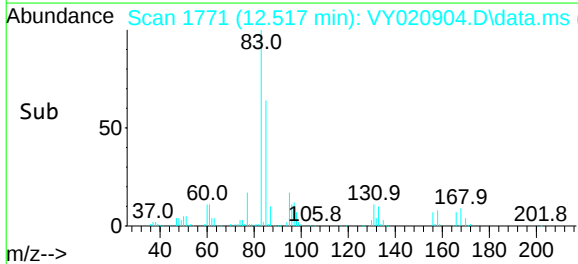
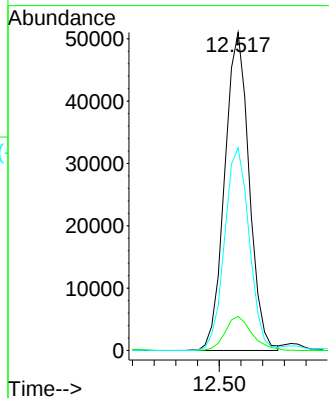
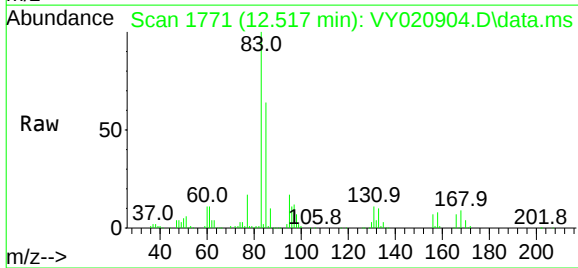
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83	Resp: 79681
Ion Ratio	Lower Upper
83 100	
131 11.7	6.0 18.0
85 64.5	32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 55.426 ug/l m

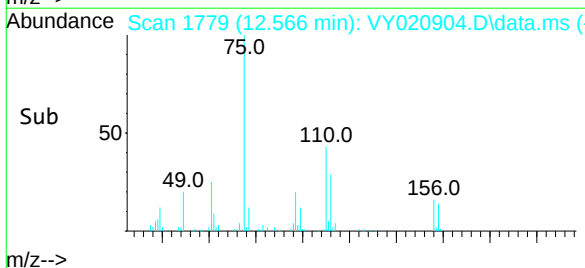
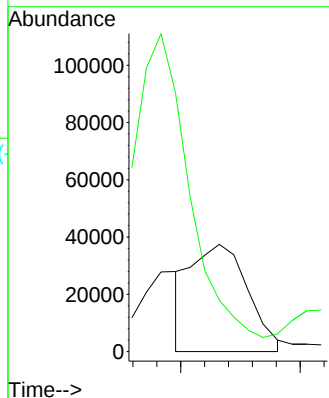
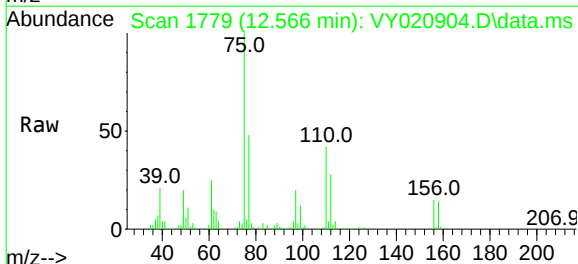
RT: 12.566 min Scan# 1779

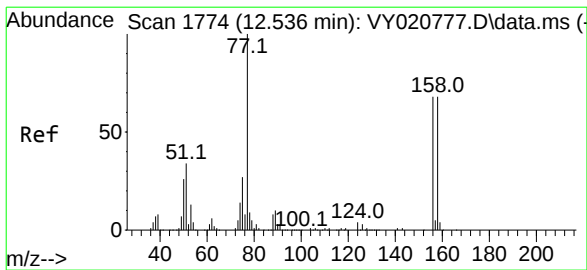
Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion: 75	Resp: 61871
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

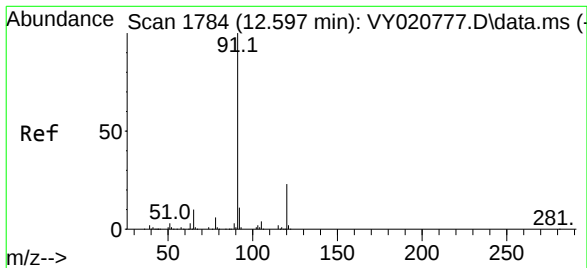
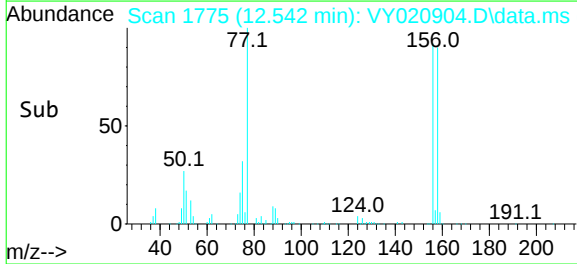
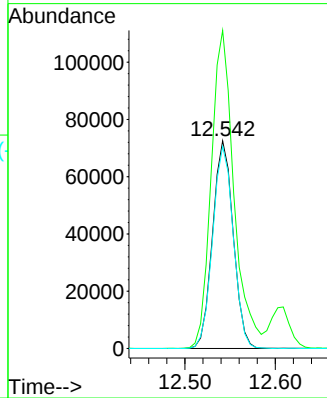
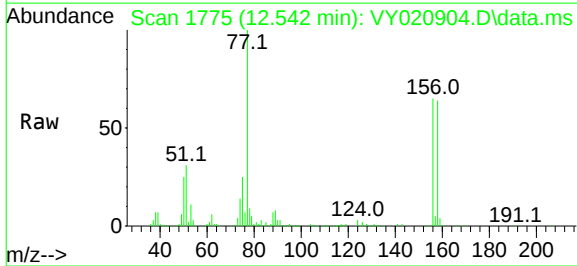




#77
Bromobenzene
Concen: 49.214 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

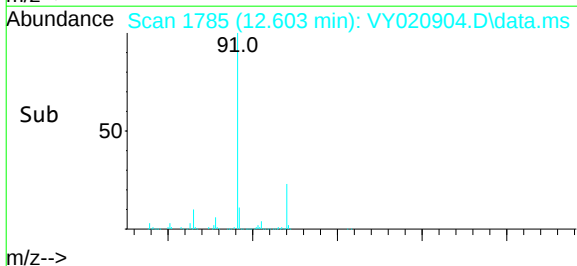
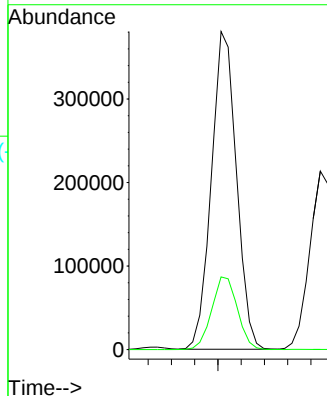
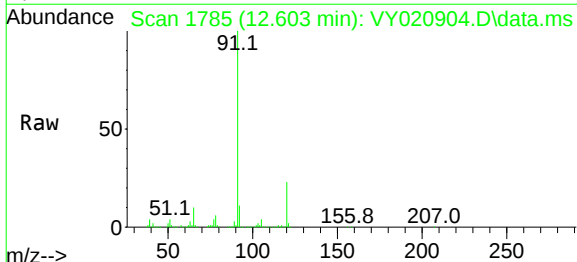
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

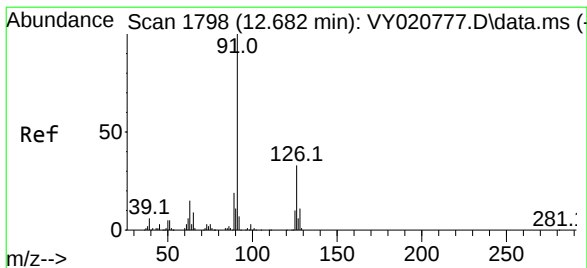
Tgt Ion: 156 Resp: 114839
Ion Ratio Lower Upper
156 100
77 168.8 82.3 247.0
158 97.5 48.0 144.0



#78
n-propylbenzene
Concen: 49.596 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 91 Resp: 569754
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1





#79

2-Chlorotoluene

Concen: 49.633 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

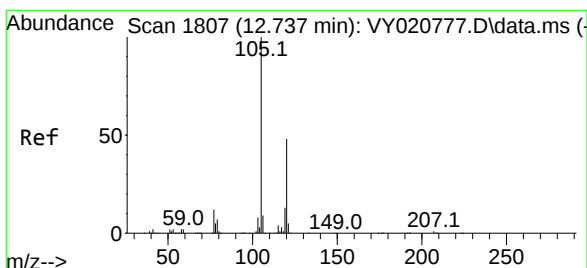
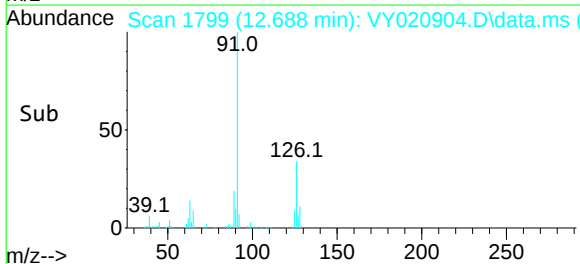
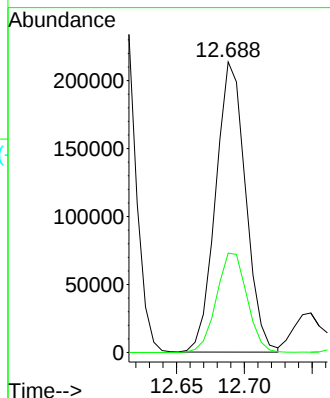
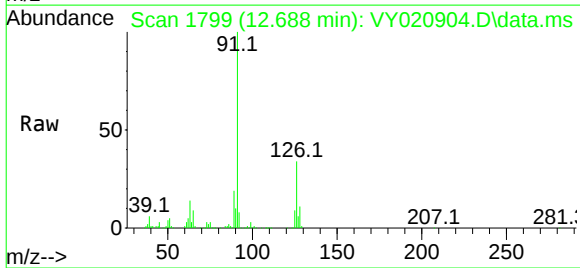
VSTDCCC050EC

Tgt Ion: 91 Resp: 328346

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 48.816 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VY020904.D

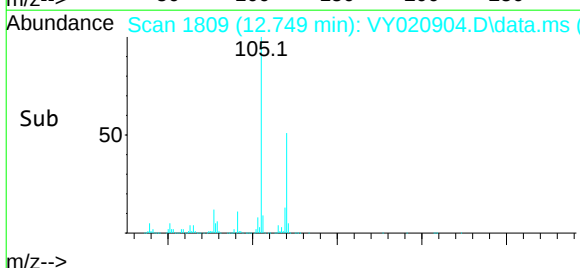
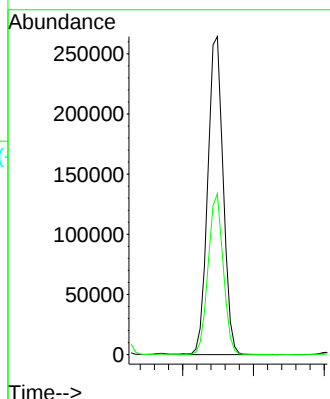
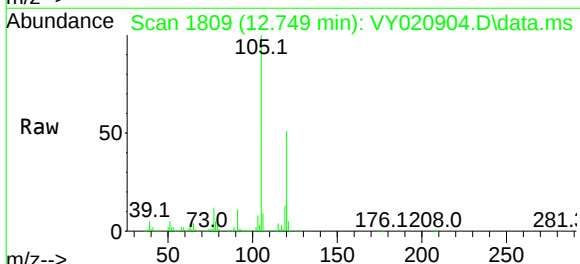
Acq: 22 Jan 2025 17:14

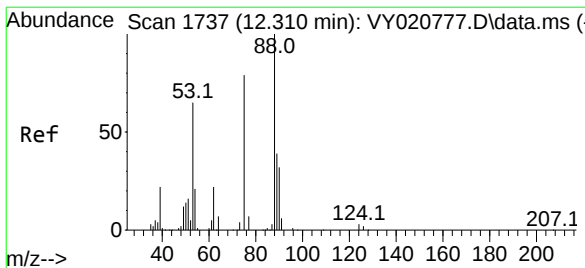
Tgt Ion:105 Resp: 400402

Ion Ratio Lower Upper

105 100

120 49.4 24.5 73.5

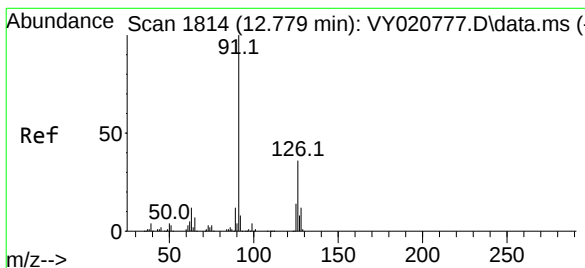
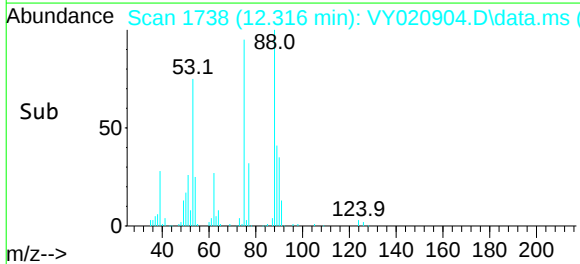
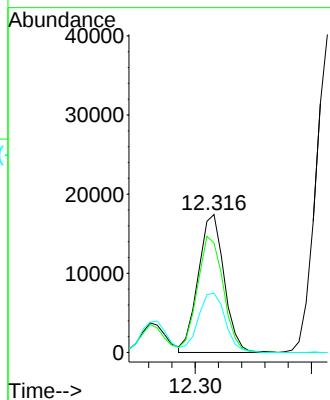
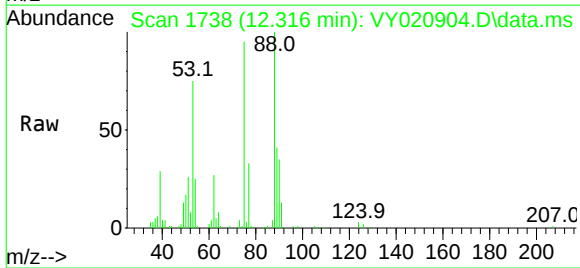




#81
trans-1,4-Dichloro-2-butene
Concen: 51.091 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

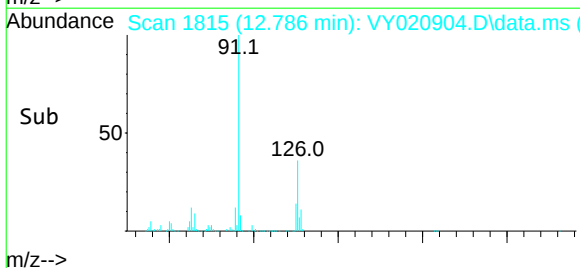
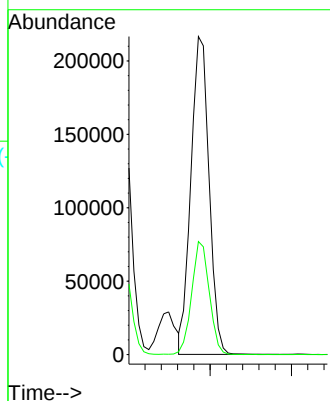
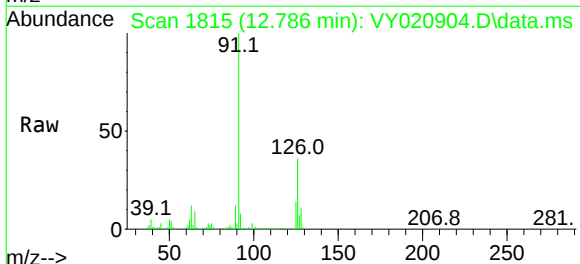
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

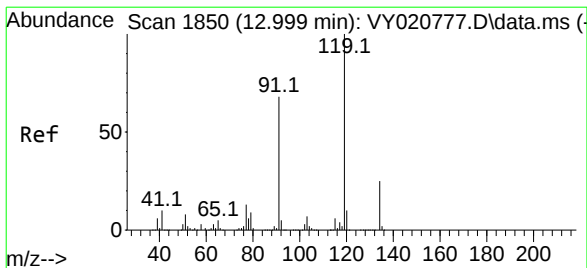
Tgt Ion: 75 Resp: 27048
Ion Ratio Lower Upper
75 100
53 84.2 69.4 104.0
89 44.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.046 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 91 Resp: 334842
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7





#83

tert-Butylbenzene

Concen: 47.829 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

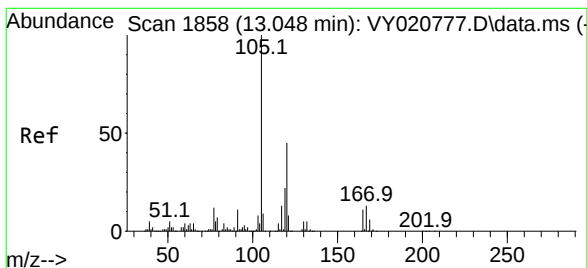
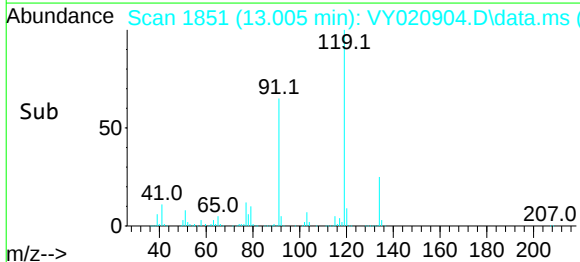
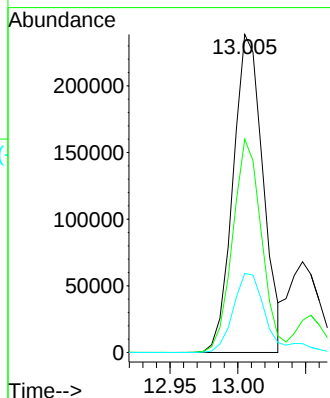
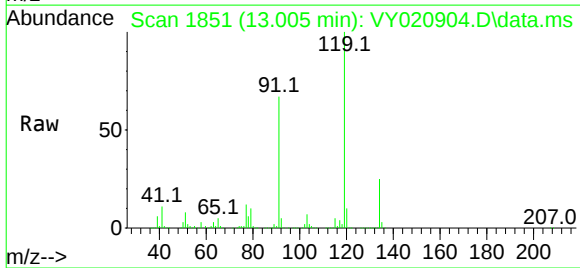
Tgt Ion:119 Resp: 366922

Ion Ratio Lower Upper

119 100

91 64.5 33.0 98.9

134 27.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 48.948 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. -0.012 min

Lab File: VY020904.D

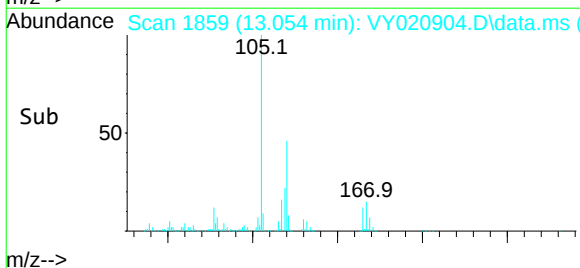
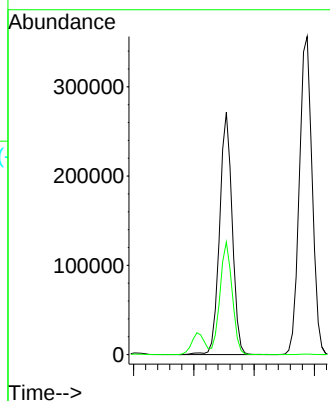
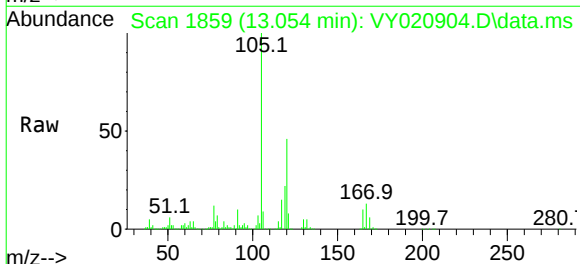
Acq: 22 Jan 2025 17:14

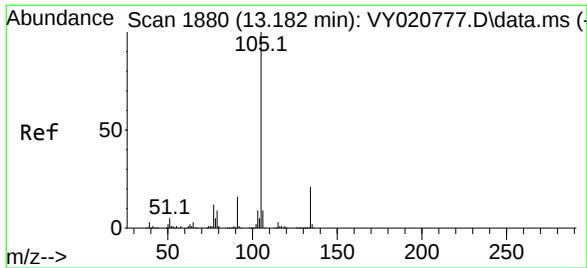
Tgt Ion:105 Resp: 392060

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.963 ug/l

RT: 13.188 min Scan# 18

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

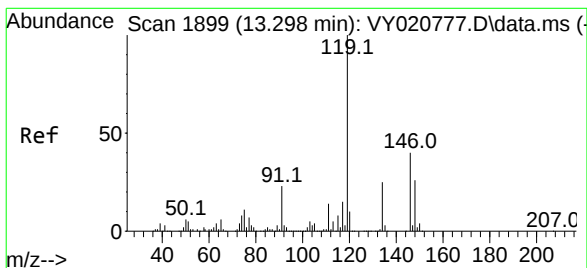
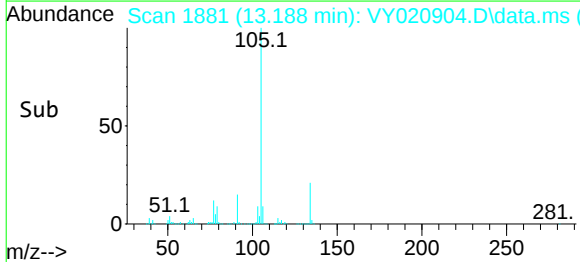
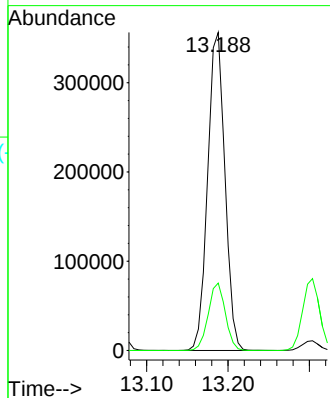
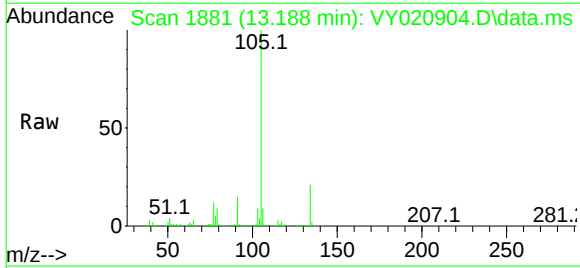
VSTDCCC050EC

Tgt Ion:105 Resp: 524662

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 47.986 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

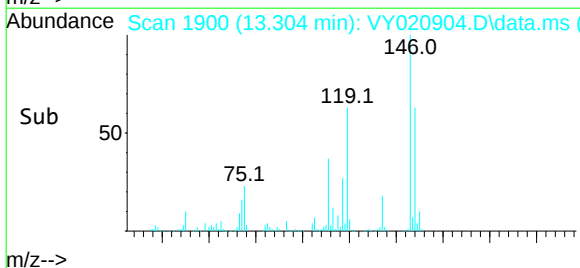
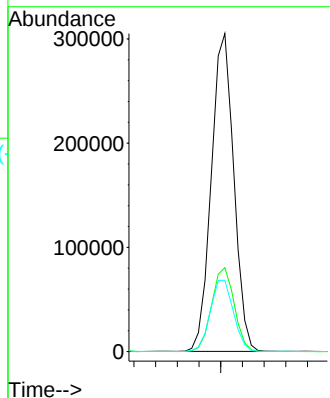
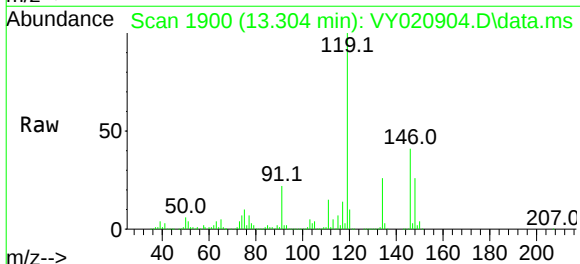
Tgt Ion:119 Resp: 438644

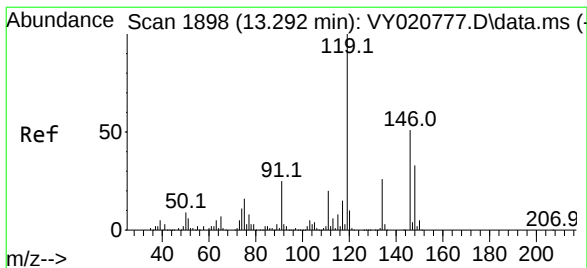
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.856 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

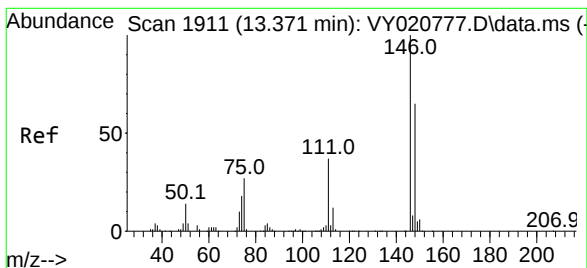
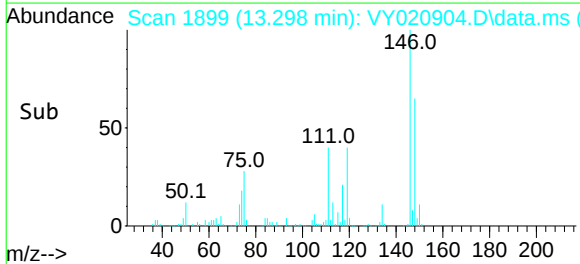
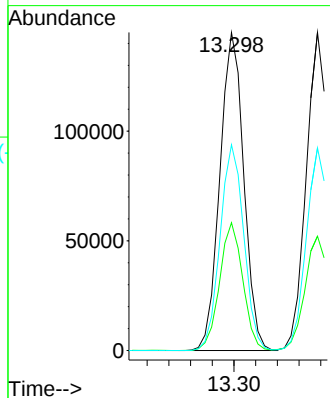
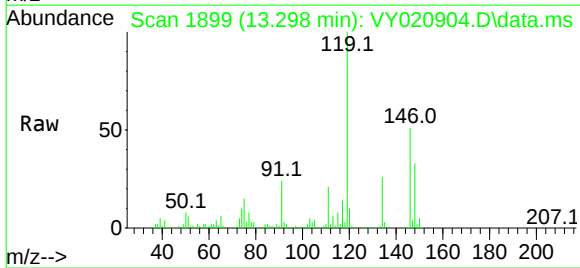
Tgt Ion:146 Resp: 221513

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 64.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.465 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

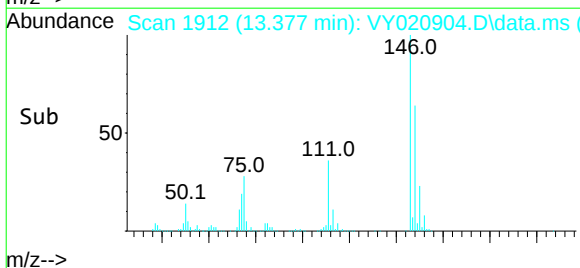
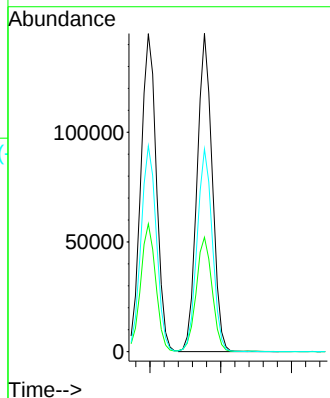
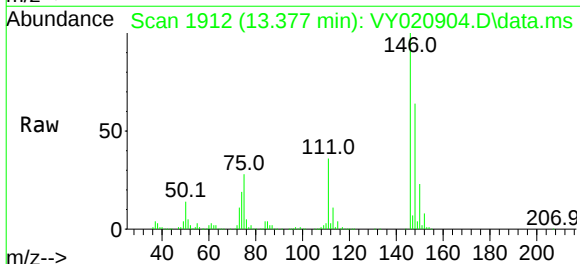
Tgt Ion:146 Resp: 216302

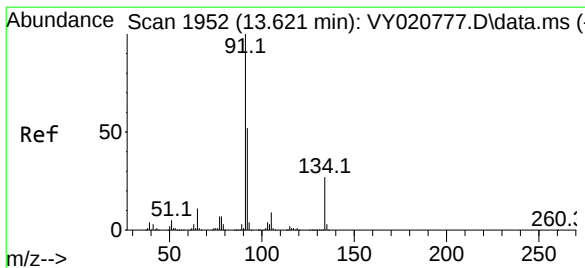
Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.596 ug/l

RT: 13.627 min Scan# 19

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

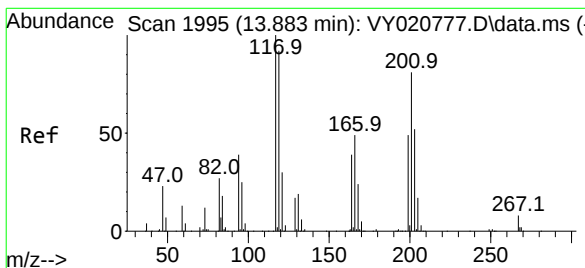
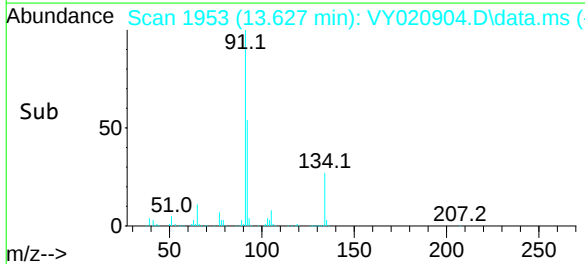
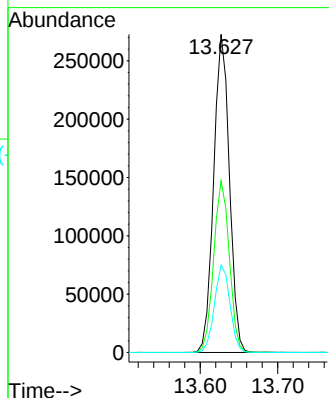
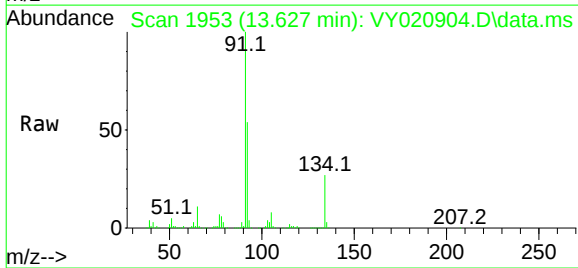
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	385382
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.4
134	27.2	13.8	41.4



#90

Hexachloroethane

Concen: 48.464 ug/l

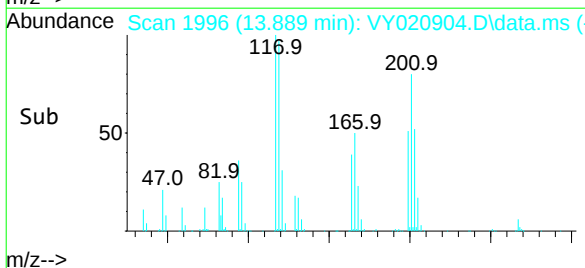
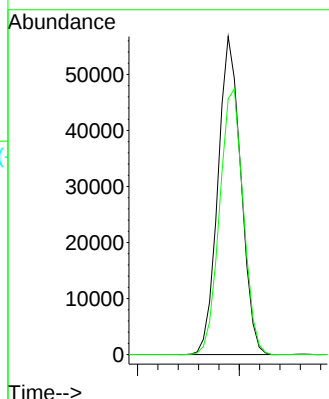
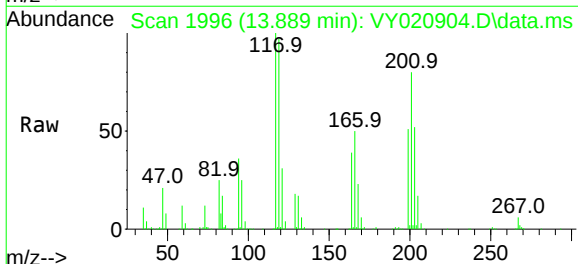
RT: 13.889 min Scan# 1996

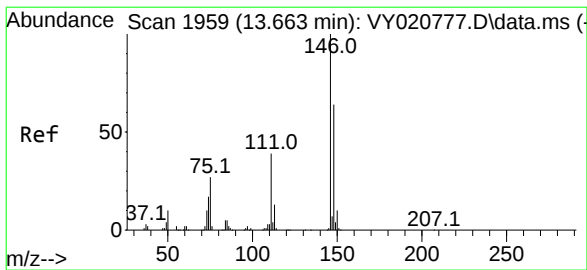
Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion:	117	Resp:	88956
Ion	Ratio	Lower	Upper
117	100		
201	86.0	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.182 ug/l

RT: 13.670 min Scan# 19

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

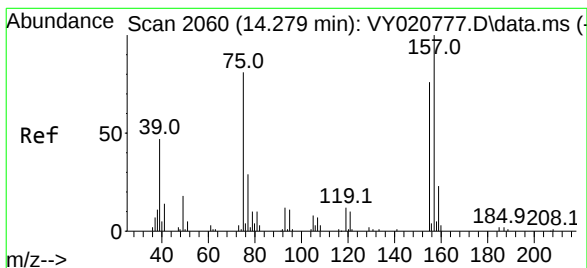
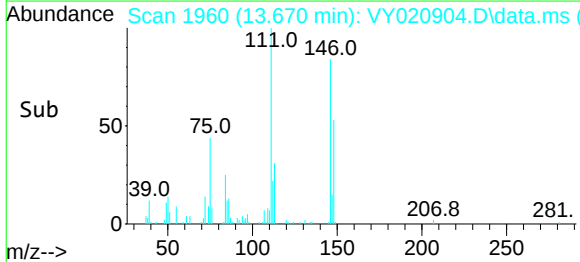
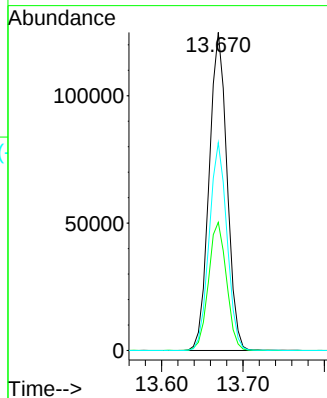
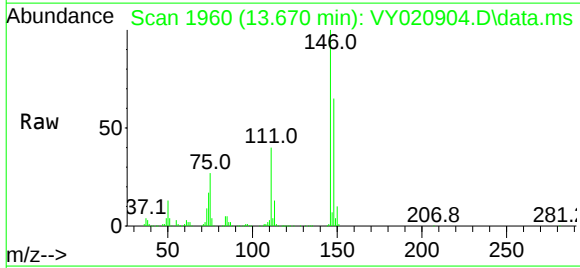
Tgt Ion:146 Resp: 191010

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

148 64.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.276 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

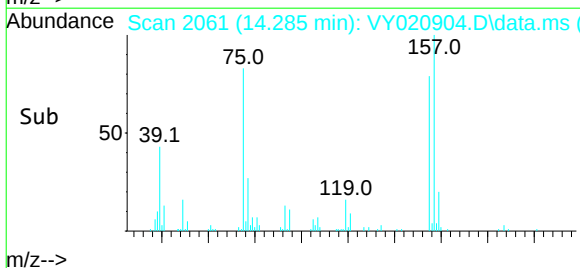
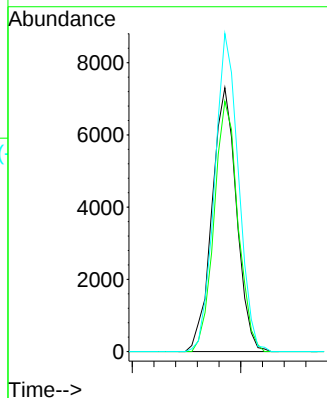
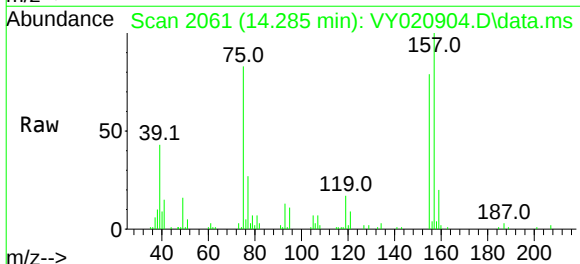
Tgt Ion: 75 Resp: 11478

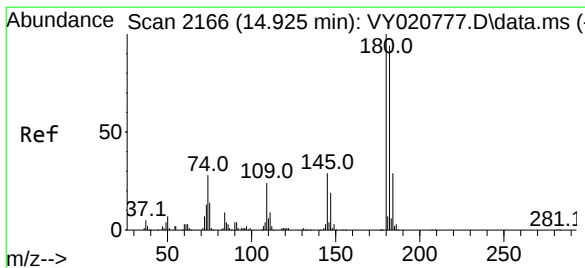
Ion Ratio Lower Upper

75 100

155 91.8 45.5 136.5

157 117.1 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.265 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. -0.012 min

Lab File: VY020904.D

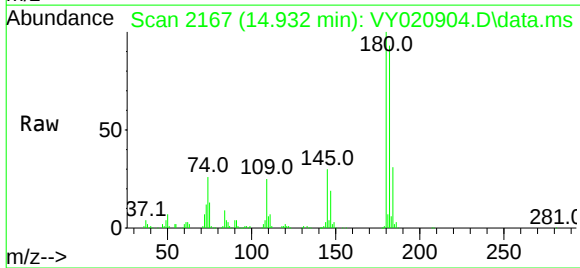
Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



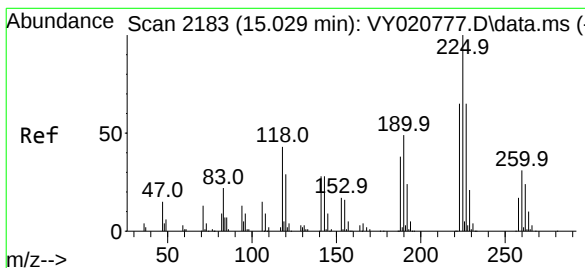
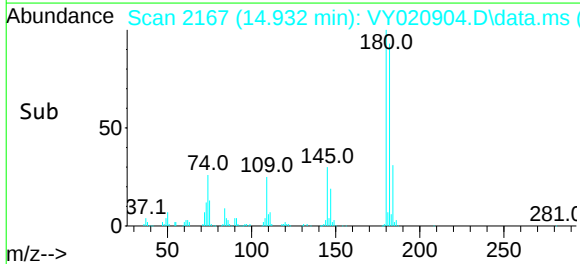
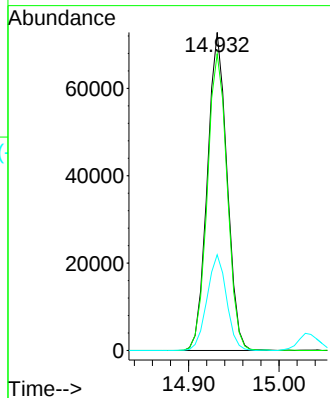
Tgt Ion:180 Resp: 110115

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 29.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 45.455 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

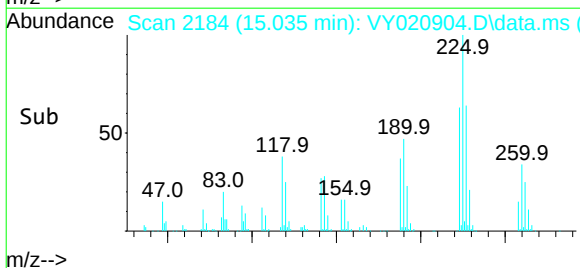
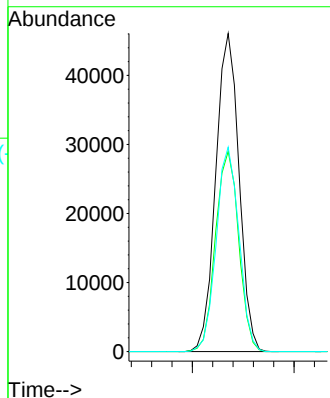
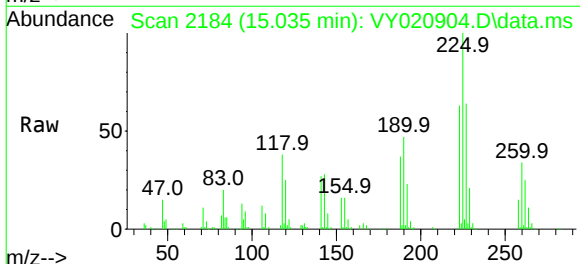
Tgt Ion:225 Resp: 73108

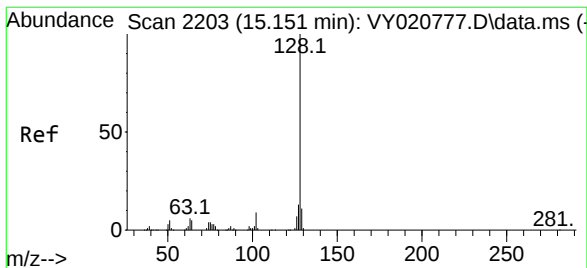
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 47.656 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

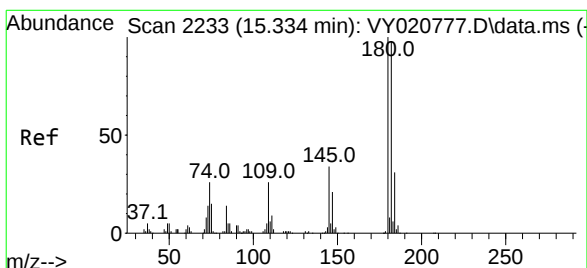
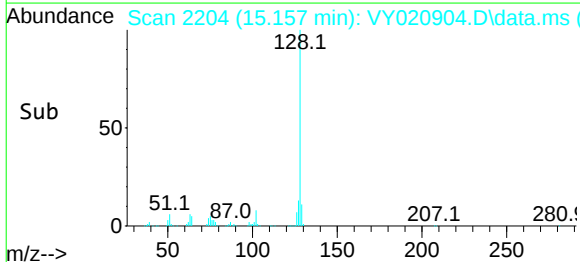
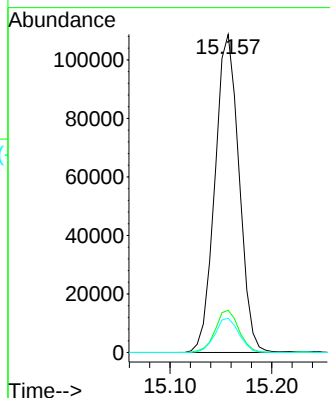
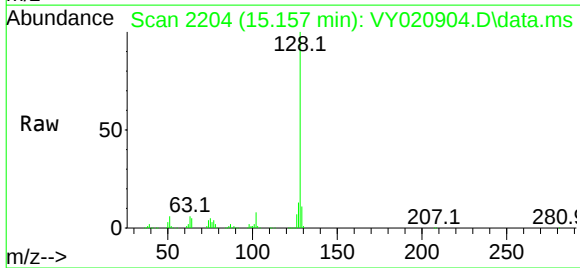
Tgt Ion:128 Resp: 178946

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: 47.887 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion:180 Resp: 91532

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 31.2 16.1 48.2

