

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021778.D
 Acq On : 04 Apr 2025 10:26
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Quant Time: Apr 04 23:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	212143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	293102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120482	52.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.840%	
35) Dibromofluoromethane	7.634	113	115347	53.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.103	98	442990	53.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.408	95	147041	52.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	41144	18.712	ug/l	99
3) Chloromethane	2.068	50	58954	19.068	ug/l	99
4) Vinyl Chloride	2.202	62	65062	18.607	ug/l	97
5) Bromomethane	2.592	94	47976	20.117	ug/l	95
6) Chloroethane	2.732	64	43877	19.177	ug/l	96
7) Trichlorofluoromethane	3.056	101	89235	19.922	ug/l	100
8) Diethyl Ether	3.458	74	22185	18.213	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	48570	20.560	ug/l	98
10) Methyl Iodide	4.000	142	44798	17.285	ug/l	99
11) Tert butyl alcohol	4.866	59	12244	82.013	ug/l	95
12) 1,1-Dichloroethene	3.793	96	42906	19.282	ug/l	92
13) Acrolein	3.647	56	16463	60.392	ug/l	99
14) Allyl chloride	4.378	41	67265	18.959	ug/l	100
15) Acrylonitrile	5.055	53	45360	89.186	ug/l	99
16) Acetone	3.872	43	40290	85.648	ug/l	96
17) Carbon Disulfide	4.104	76	137006	18.693	ug/l	98
18) Methyl Acetate	4.391	43	20676	17.734	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	100727	18.182	ug/l	99
20) Methylene Chloride	4.616	84	49303	19.022	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	46460	18.963	ug/l	97
22) Diisopropyl ether	6.018	45	146797	19.724	ug/l	99
23) Vinyl Acetate	5.957	43	398090	91.434	ug/l	100
24) 1,1-Dichloroethane	5.915	63	88158	19.810	ug/l	99
25) 2-Butanone	6.896	43	58346	86.838	ug/l	100
26) 2,2-Dichloropropane	6.884	77	79277	20.027	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	53845	19.543	ug/l	98
28) Bromochloromethane	7.244	49	36923	19.673	ug/l	99
29) Tetrahydrofuran	7.262	42	37289	86.232	ug/l	99
30) Chloroform	7.421	83	91381	19.742	ug/l	98
31) Cyclohexane	7.701	56	79706	19.648	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	82677	19.763	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66538	20.193	ug/l	100
37) Ethyl Acetate	6.982	43	27198	17.489	ug/l	98
38) Carbon Tetrachloride	7.817	117	76509	20.272	ug/l	97
39) Methylcyclohexane	9.109	83	76412	19.412	ug/l	96
40) Benzene	8.079	78	195115	19.772	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11393	13.795	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	54315	19.524	ug/l	99
43) Isopropyl Acetate	8.195	43	52154	17.697	ug/l	100
44) Trichloroethene	8.865	130	51288	20.398	ug/l	100
45) 1,2-Dichloropropane	9.140	63	46551	19.929	ug/l	93
46) Dibromomethane	9.231	93	25248	18.755	ug/l	99
47) Bromodichloromethane	9.420	83	68808	19.726	ug/l	97
48) Methyl methacrylate	9.219	41	23114	17.089	ug/l	96
49) 1,4-Dioxane	9.231	88	4846	336.031	ug/l	88
51) 4-Methyl-2-Pentanone	9.999	43	135987	88.669	ug/l	99
52) Toluene	10.170	92	123058	19.987	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	59016	19.048	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	70388	19.257	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	33954	19.599	ug/l	98
56) Ethyl methacrylate	10.438	69	40236	18.189	ug/l	98
57) 1,3-Dichloropropane	10.719	76	56667	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	102441	94.929	ug/l	99
59) 2-Hexanone	10.761	43	87999	86.157	ug/l	99
60) Dibromochloromethane	10.908	129	45764	19.348	ug/l	98
61) 1,2-Dibromoethane	11.011	107	31019	19.087	ug/l	98
64) Tetrachloroethene	10.646	164	57226	21.437	ug/l	100
65) Chlorobenzene	11.444	112	132663	19.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	48189	20.215	ug/l	99
67) Ethyl Benzene	11.517	91	225955	19.612	ug/l	100
68) m/p-Xylenes	11.627	106	172512	39.102	ug/l	100
69) o-Xylene	11.956	106	80655	19.805	ug/l	98
70) Styrene	11.969	104	133338	19.637	ug/l	99
71) Bromoform	12.133	173	25637	18.854	ug/l #	100
73) Isopropylbenzene	12.255	105	212669	18.738	ug/l	99
74) N-amyl acetate	12.072	43	42780	16.060	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	34853	17.080	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	48429	31.972	ug/l #	100
77) Bromobenzene	12.529	156	51842	19.024	ug/l	97
78) n-propylbenzene	12.597	91	266033	19.496	ug/l	100
79) 2-Chlorotoluene	12.682	91	151959	19.174	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	175739	18.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10734	16.328	ug/l	94
82) 4-Chlorotoluene	12.779	91	157038	19.006	ug/l	99
83) tert-Butylbenzene	12.999	119	153946	18.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	175765	19.171	ug/l	100
85) sec-Butylbenzene	13.176	105	233999	19.380	ug/l	100
86) p-Isopropyltoluene	13.292	119	193222	19.362	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	101973	18.993	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	100243	18.898	ug/l	97
89) n-Butylbenzene	13.621	91	176297	19.102	ug/l	98
90) Hexachloroethane	13.877	117	42163	19.280	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	89291	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5533	17.494	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	45347	17.892	ug/l	98
94) Hexachlorobutadiene	15.023	225	30393	19.201	ug/l	98
95) Naphthalene	15.145	128	66390	15.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38305	17.723	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

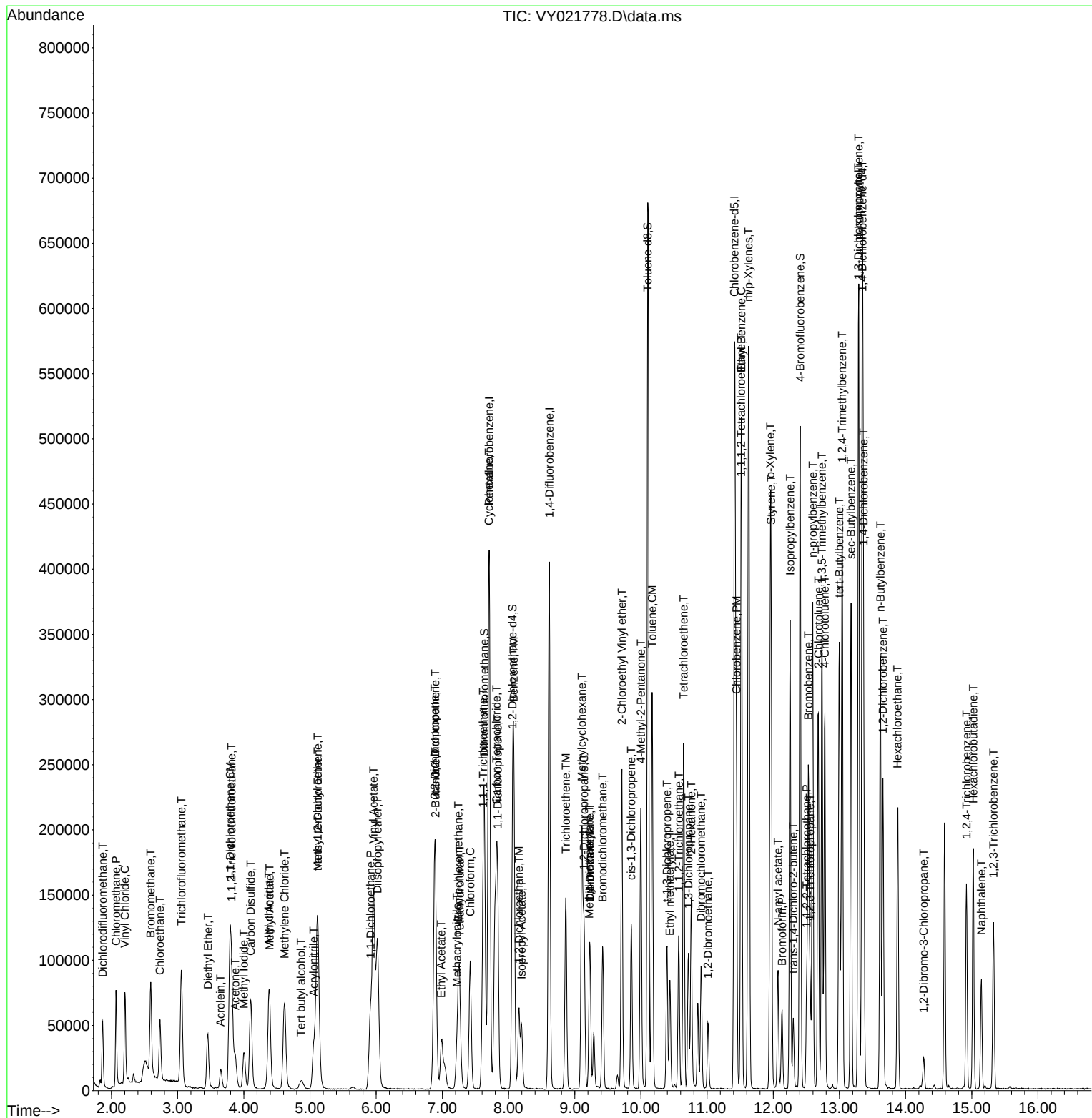
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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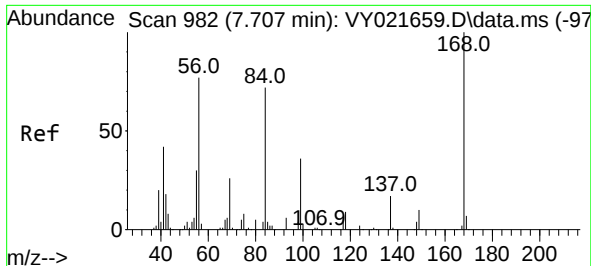
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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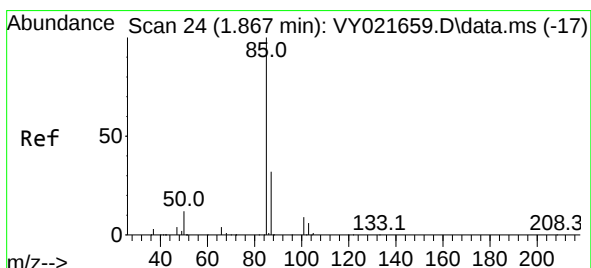
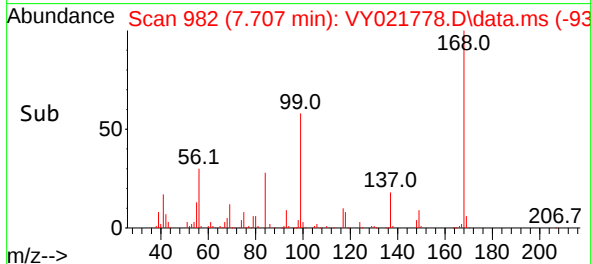
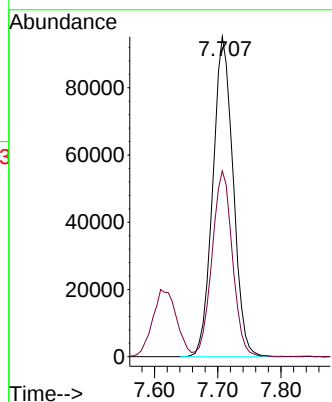
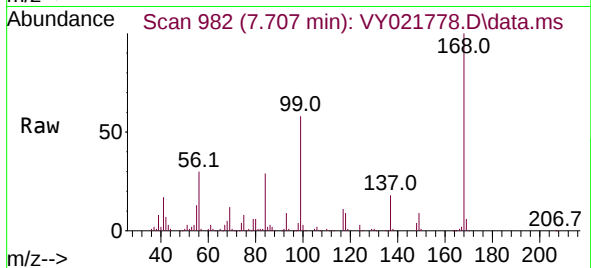




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021778.D
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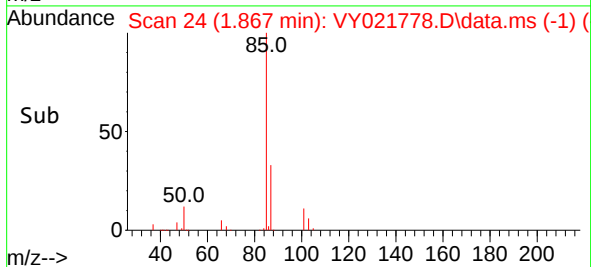
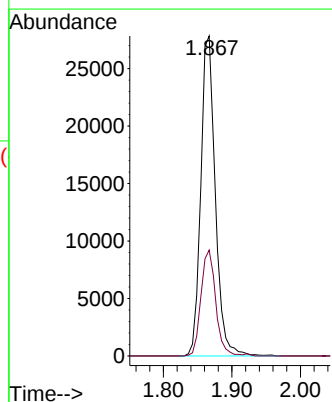
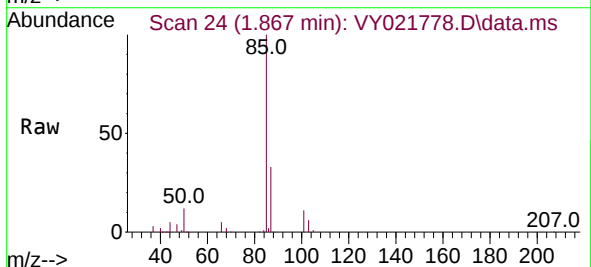
Instrument :
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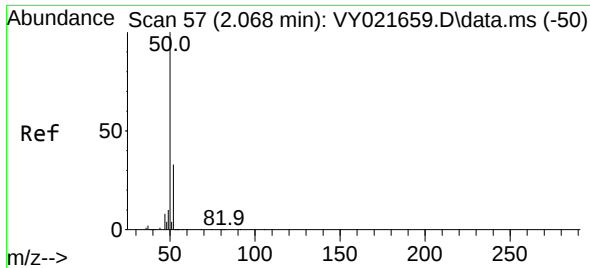
Tgt Ion:168 Resp: 212143
Ion Ratio Lower Upper
168 100
99 58.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.712 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 85 Resp: 41144
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

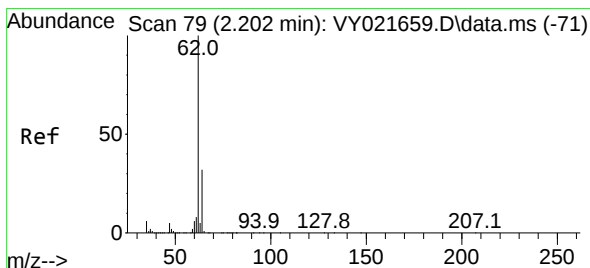
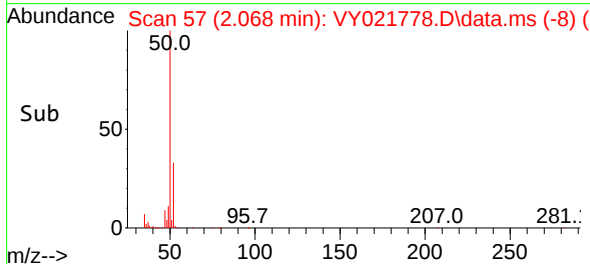
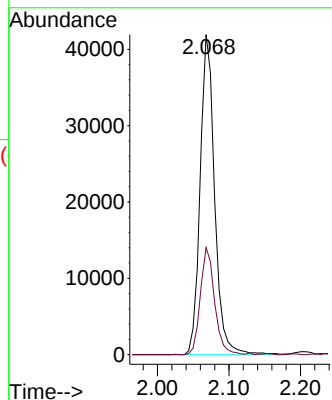
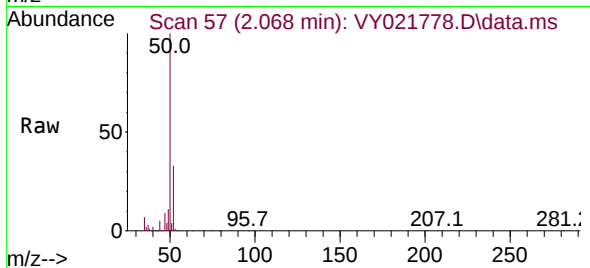




#3
Chloromethane
Concen: 19.068 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

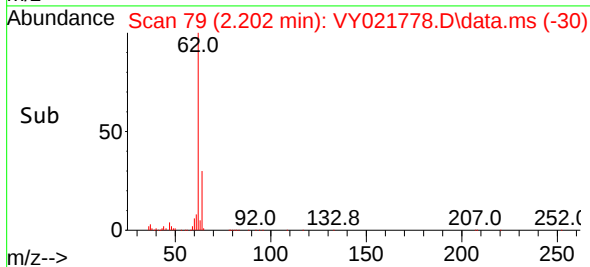
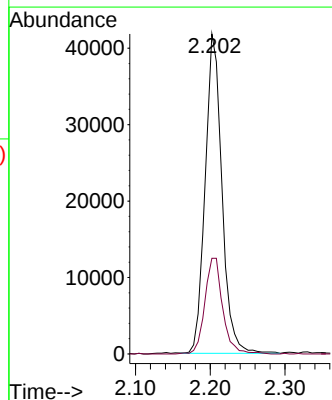
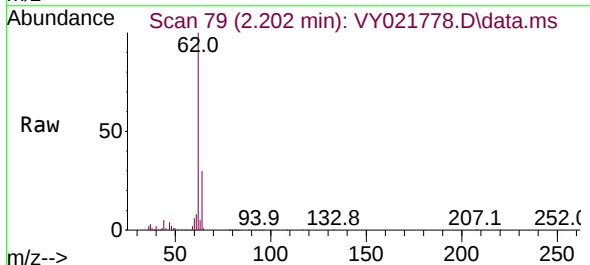
Instrument :
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ClientSampleId :
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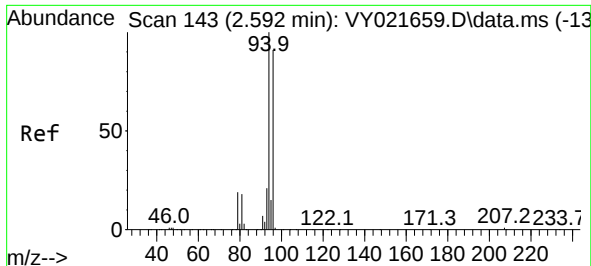
Tgt Ion: 50 Resp: 58954
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5



#4
Vinyl Chloride
Concen: 18.607 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 62 Resp: 65062
Ion Ratio Lower Upper
62 100
64 30.0 25.5 38.3

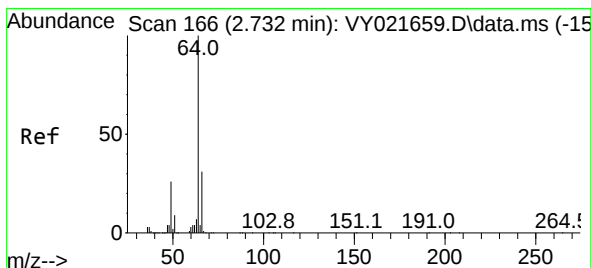
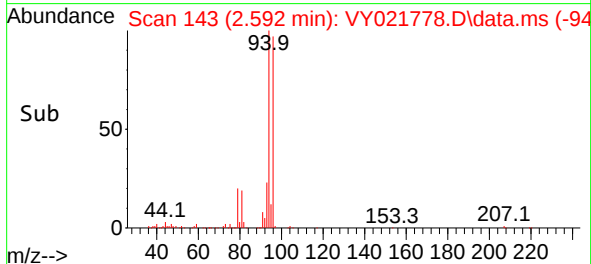
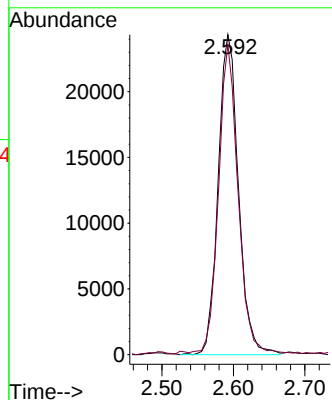
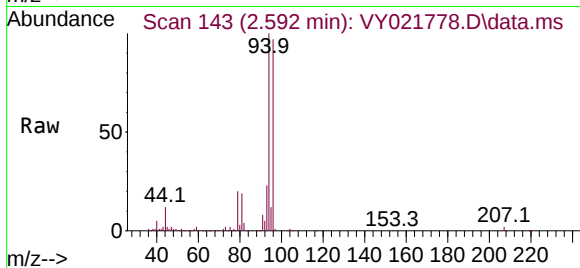




#5
Bromomethane
Concen: 20.117 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021778.D
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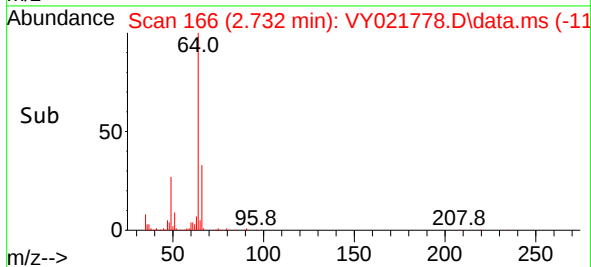
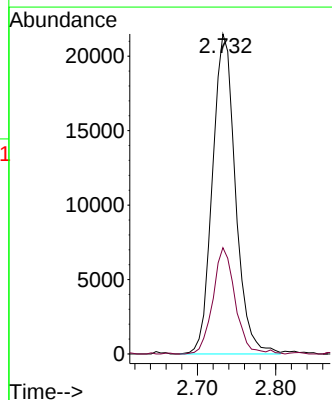
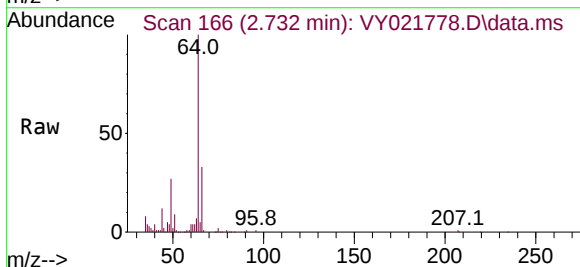
Instrument :
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Tgt Ion: 94 Resp: 47976
Ion Ratio Lower Upper
94 100
96 96.1 72.8 109.2



#6
Chloroethane
Concen: 19.177 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 64 Resp: 43877
Ion Ratio Lower Upper
64 100
66 33.2 24.9 37.3

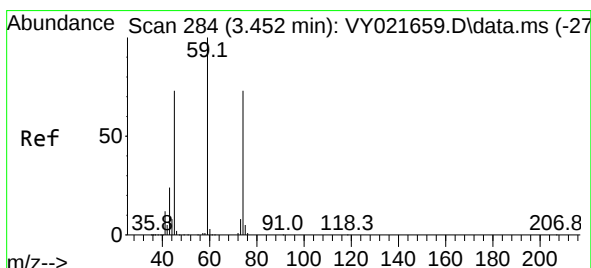
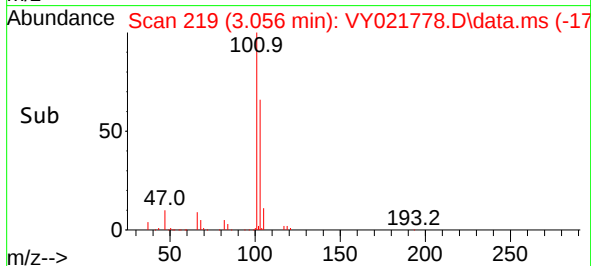
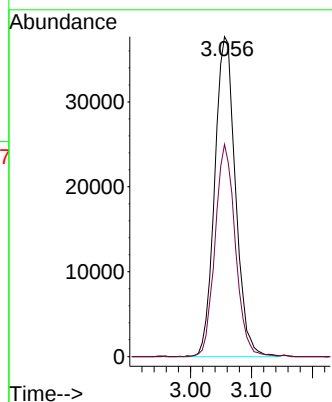
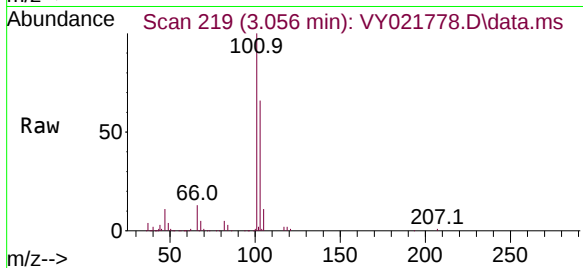




#7
 Trichlorofluoromethane
 Concen: 19.922 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021778.D
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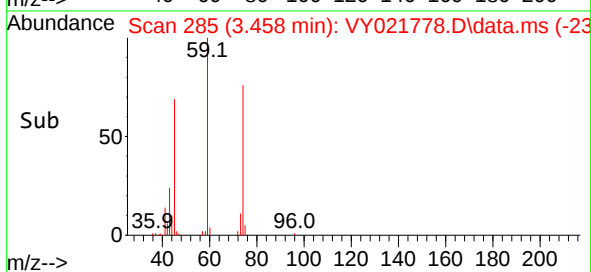
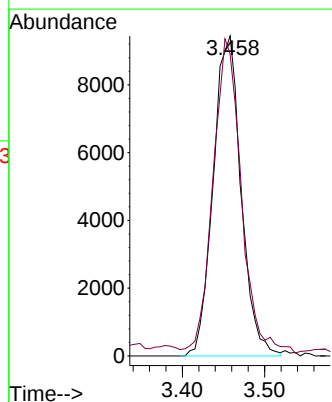
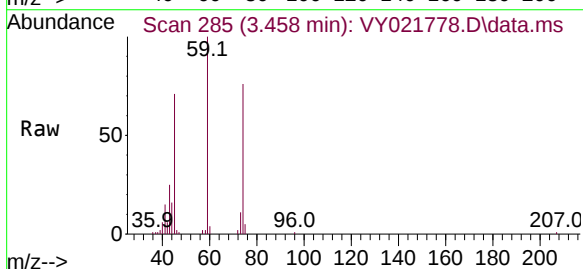
Instrument :
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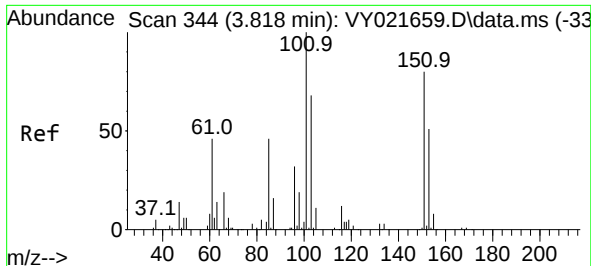
Tgt Ion:101 Resp: 89235
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.213 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

Tgt Ion: 74 Resp: 22185
 Ion Ratio Lower Upper
 74 100
 45 98.2 48.6 145.8

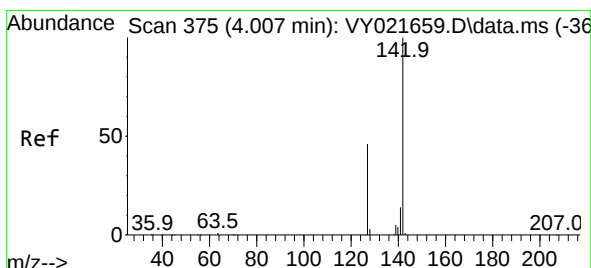
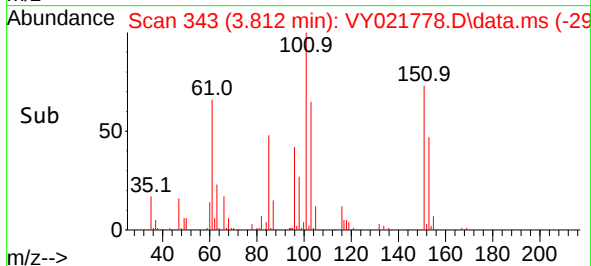
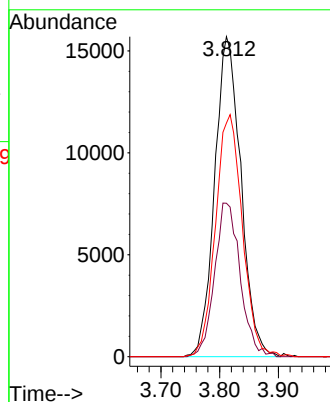
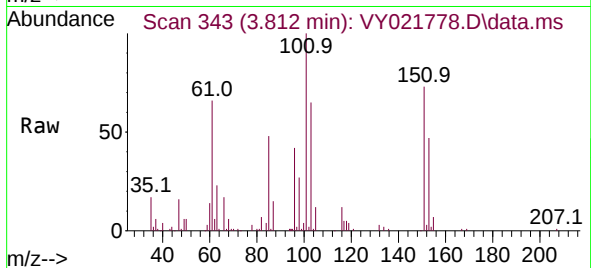




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.560 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

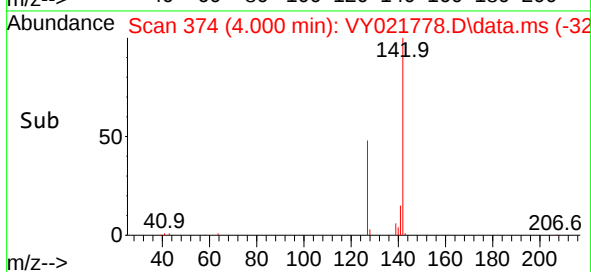
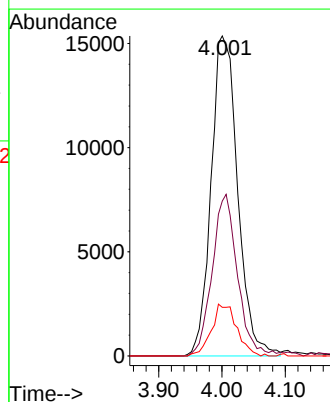
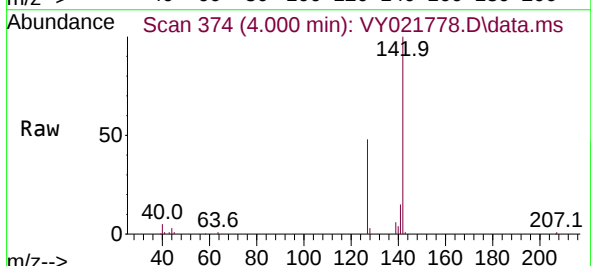
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

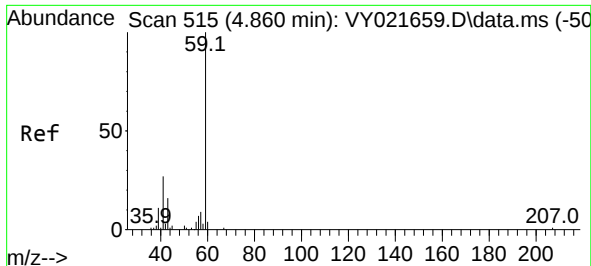
Tgt Ion:101 Resp: 48570
Ion Ratio Lower Upper
101 100
85 46.9 36.3 54.5
151 77.7 61.3 91.9



#10
Methyl Iodide
Concen: 17.285 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:142 Resp: 44798
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 15.4 11.5 17.3

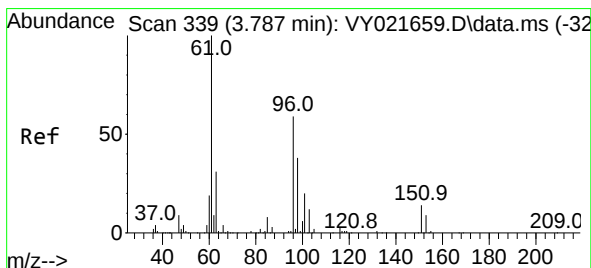
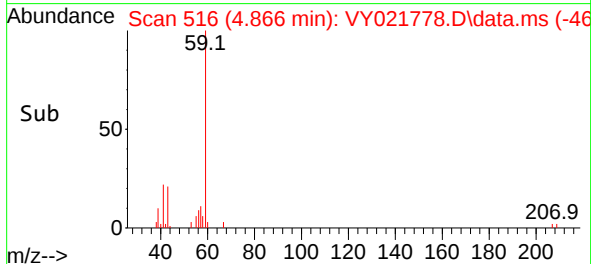
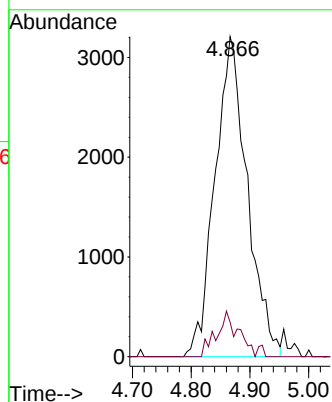
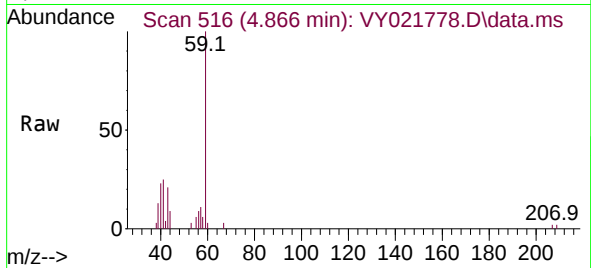




#11
Tert butyl alcohol
Concen: 82.013 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

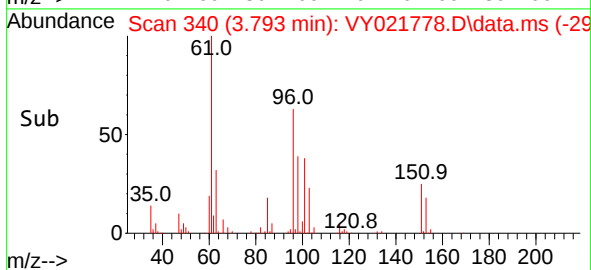
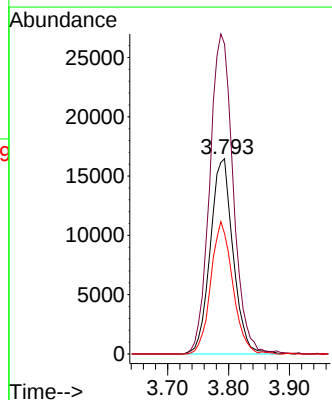
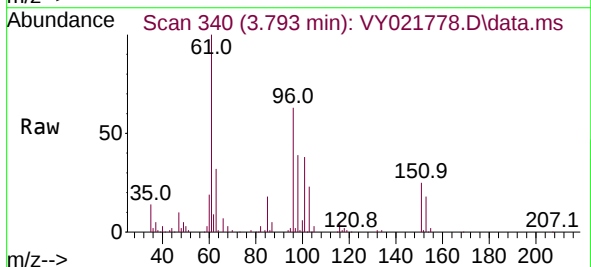
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

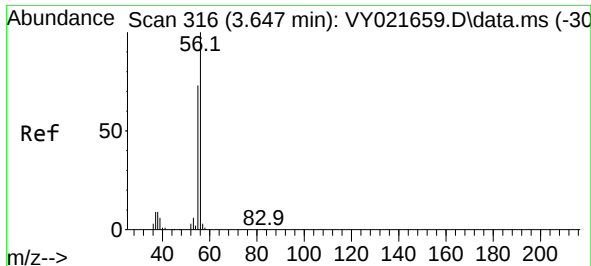
Tgt Ion: 59 Resp: 12244
Ion Ratio Lower Upper
59 100
57 9.5 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.282 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 96 Resp: 42906
Ion Ratio Lower Upper
96 100
61 158.8 136.6 204.8
98 61.7 52.3 78.5





#13

Acrolein

Concen: 60.392 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

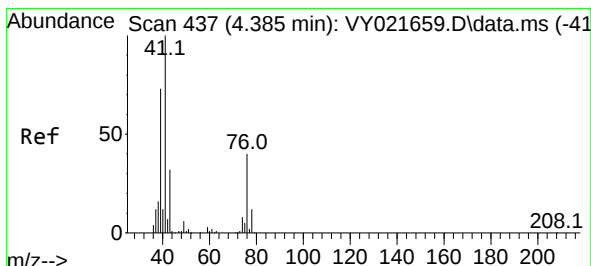
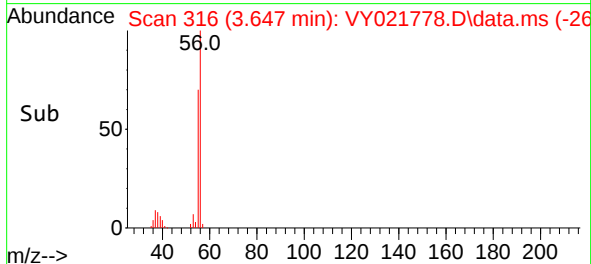
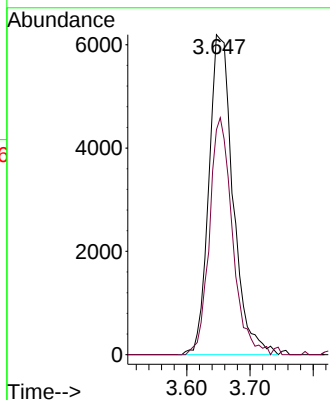
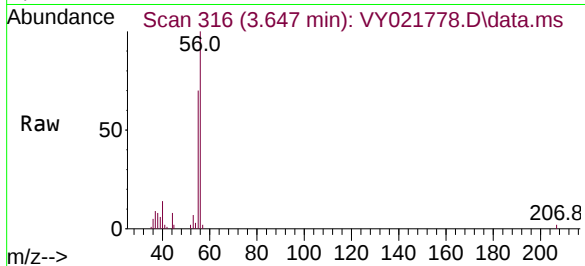
VY0404SBS01

Tgt Ion: 56 Resp: 16463

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 18.959 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

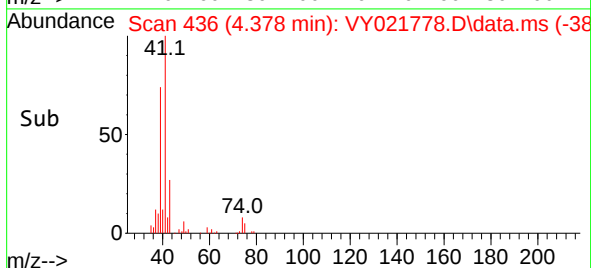
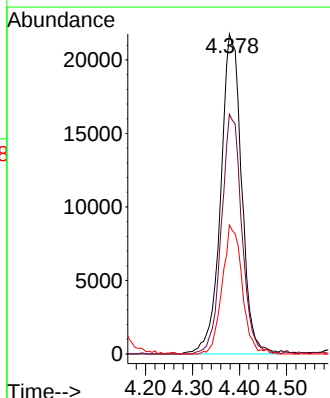
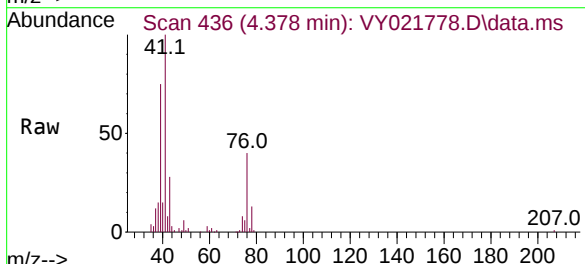
Tgt Ion: 41 Resp: 67265

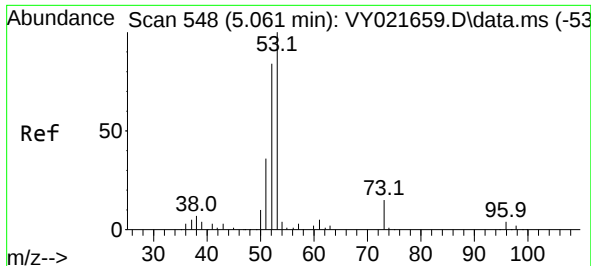
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

76 38.4 30.3 45.5

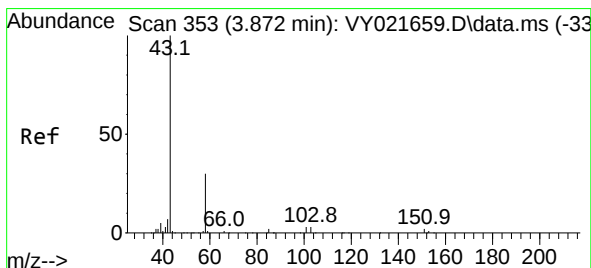
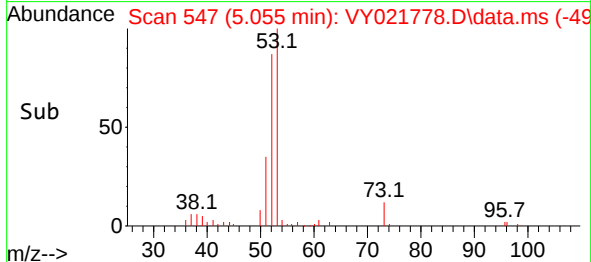
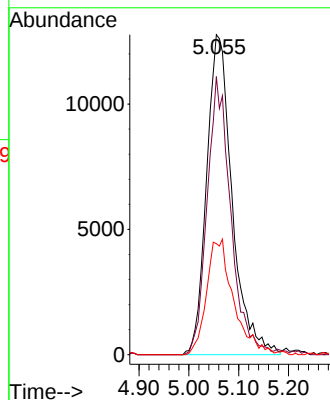
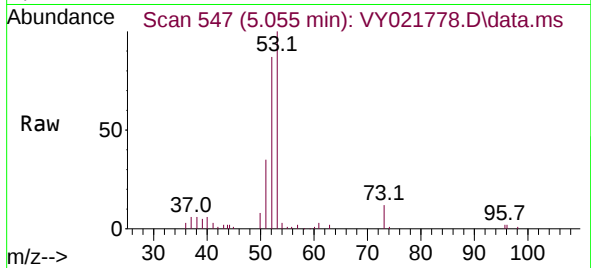




#15
Acrylonitrile
Concen: 89.186 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

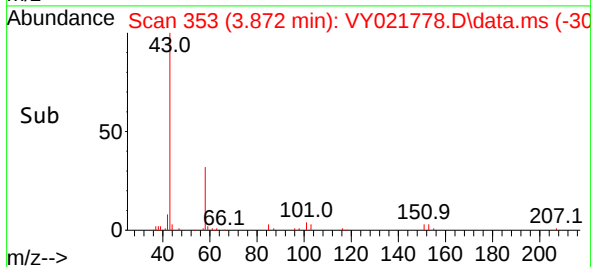
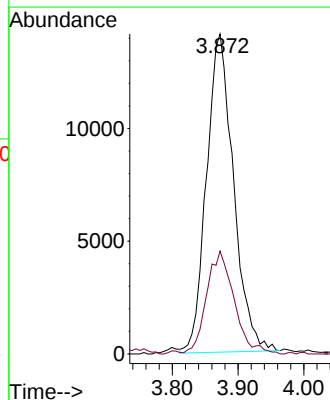
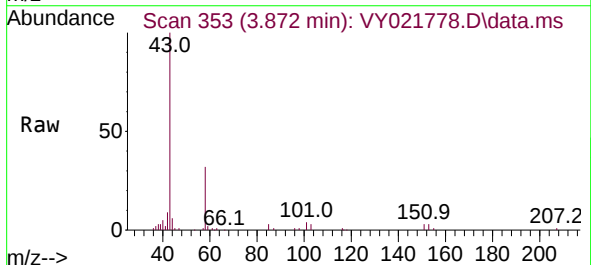
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

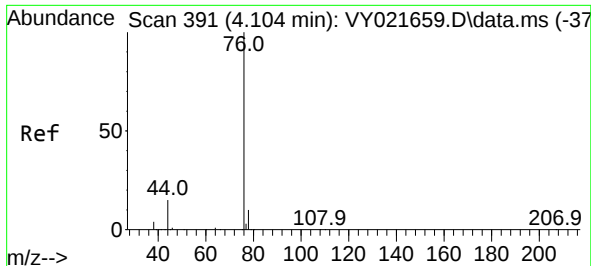
Tgt Ion: 53 Resp: 45360
Ion Ratio Lower Upper
53 100
52 80.4 64.9 97.3
51 38.2 30.2 45.2



#16
Acetone
Concen: 85.648 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 43 Resp: 40290
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4

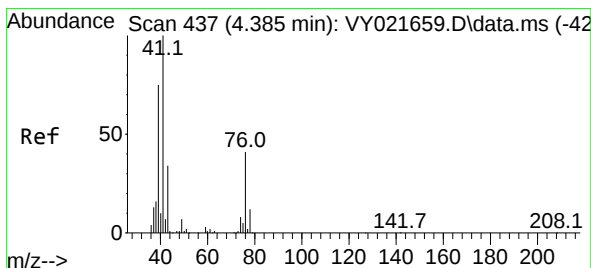
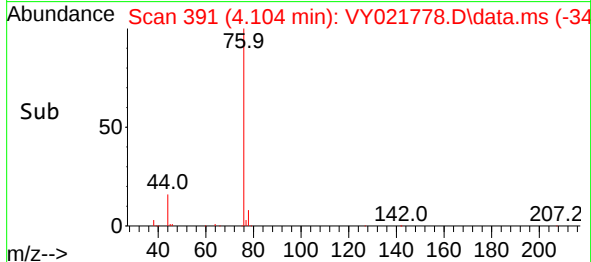
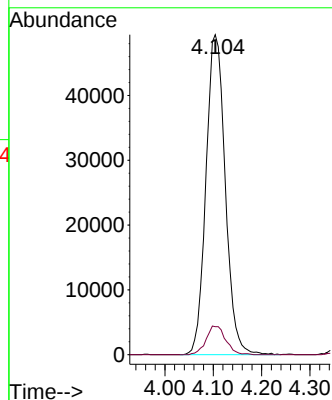
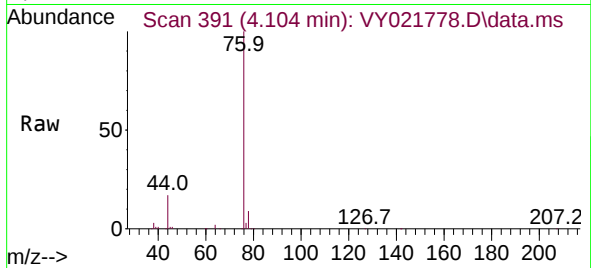




#17
Carbon Disulfide
Concen: 18.693 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

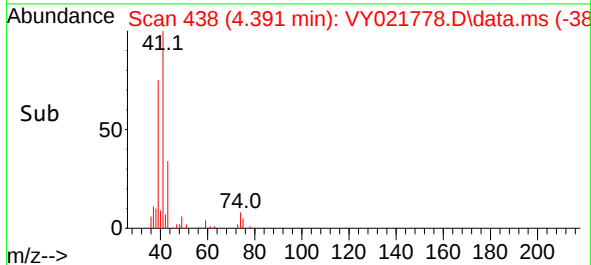
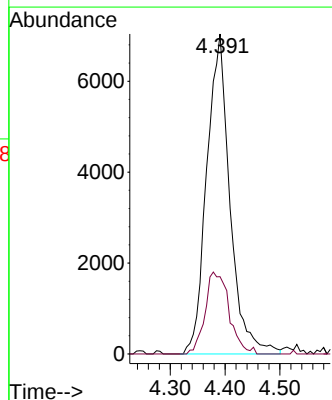
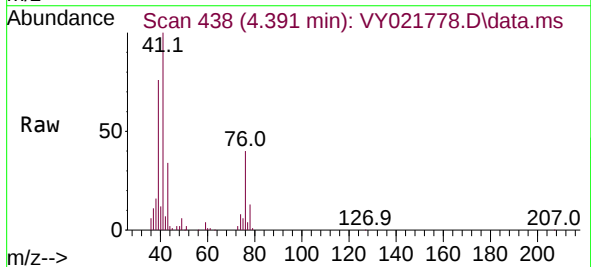
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

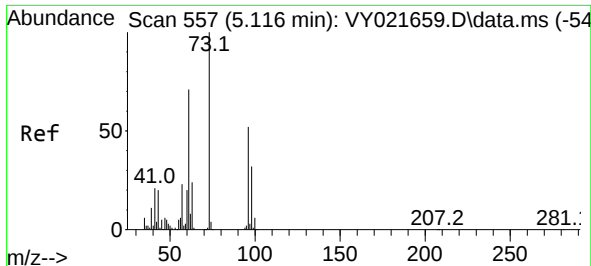
Tgt Ion: 76 Resp: 137006
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 17.734 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 43 Resp: 20676
Ion Ratio Lower Upper
43 100
74 26.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 18.182 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

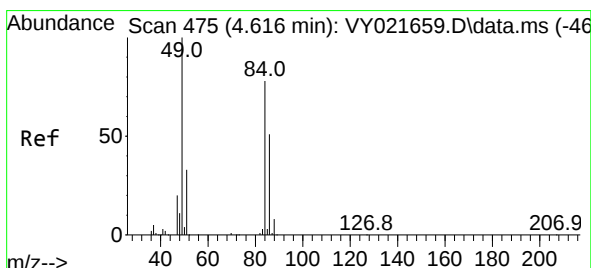
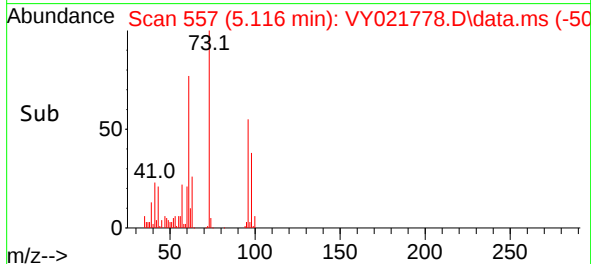
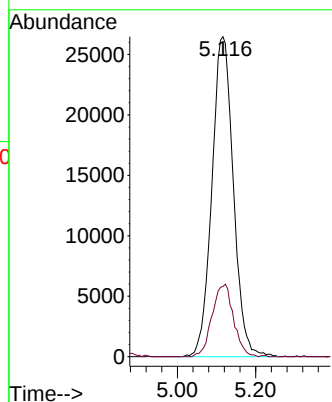
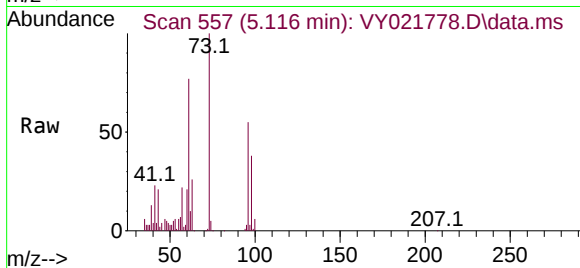
VY0404SBS01

Tgt Ion: 73 Resp: 100727

Ion Ratio Lower Upper

73 100

57 21.9 18.1 27.1



#20

Methylene Chloride

Concen: 19.022 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Tgt Ion: 84 Resp: 49303

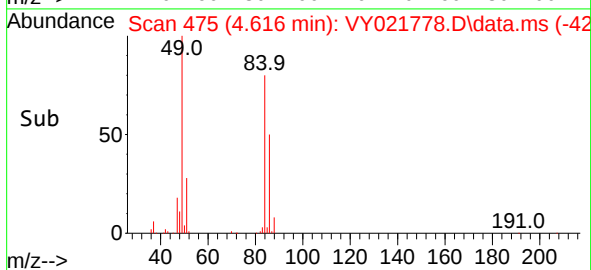
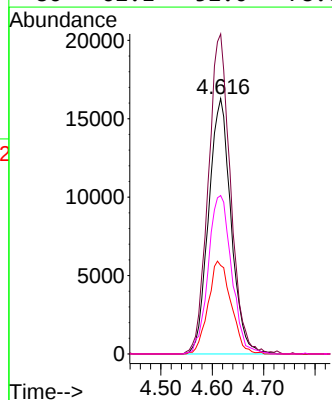
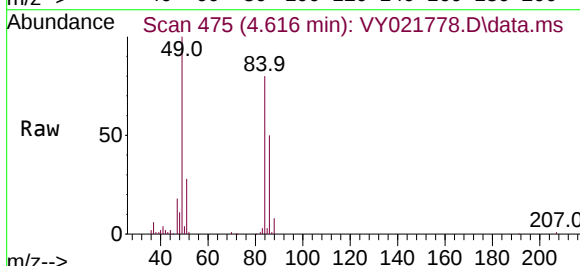
Ion Ratio Lower Upper

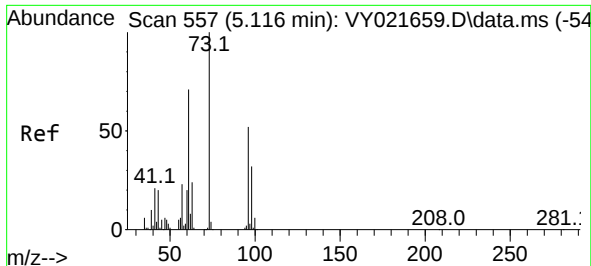
84 100

49 125.3 102.8 154.2

51 34.7 33.5 50.3

86 62.1 52.0 78.0

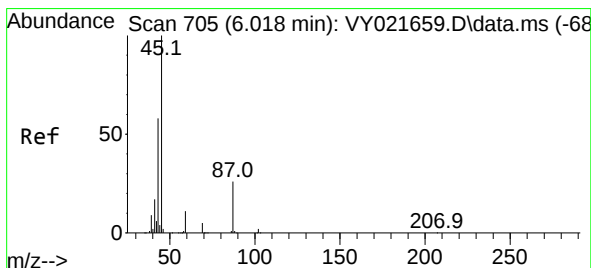
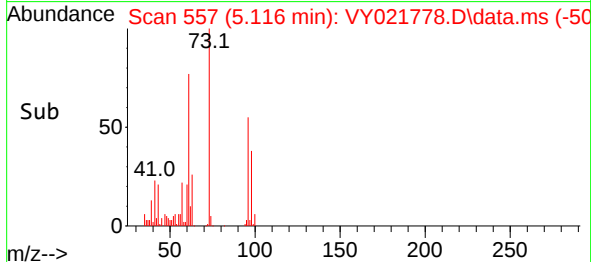
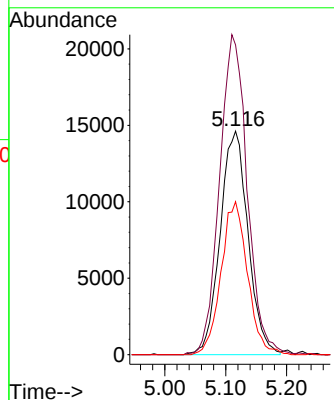
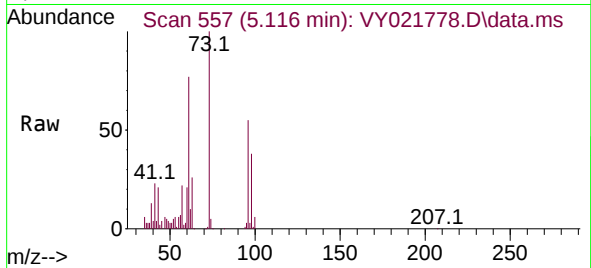




#21
trans-1,2-Dichloroethene
Concen: 18.963 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

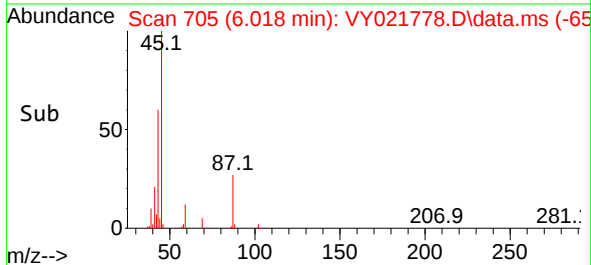
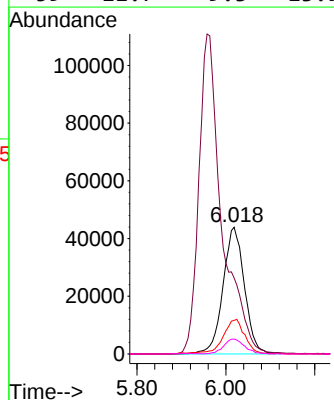
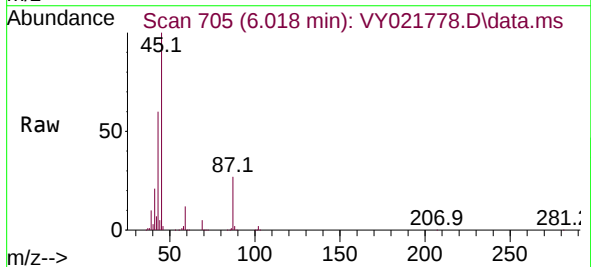
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

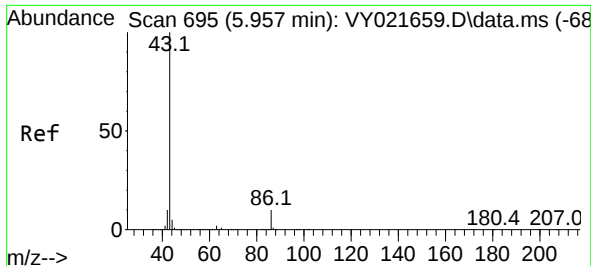
Tgt Ion: 96 Resp: 46460
Ion Ratio Lower Upper
96 100
61 138.6 109.4 164.0
98 68.4 50.2 75.2



#22
Diisopropyl ether
Concen: 19.724 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 45 Resp: 146797
Ion Ratio Lower Upper
45 100
43 59.3 46.6 69.8
87 26.3 20.7 31.1
59 11.7 9.3 13.9

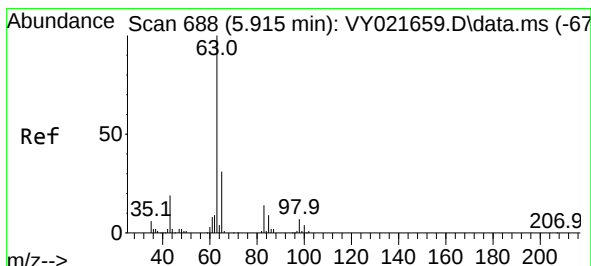
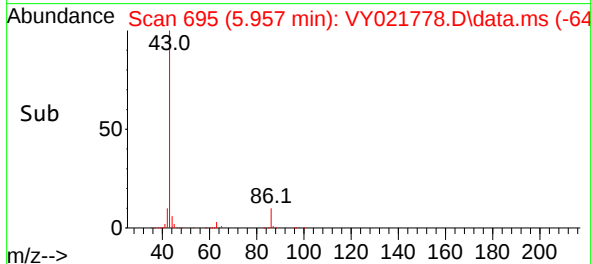
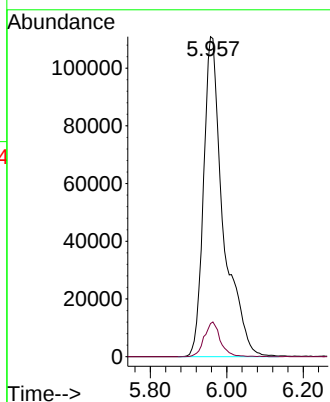
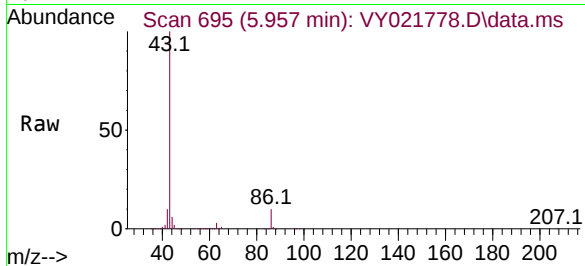




#23
 Vinyl Acetate
 Concen: 91.434 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

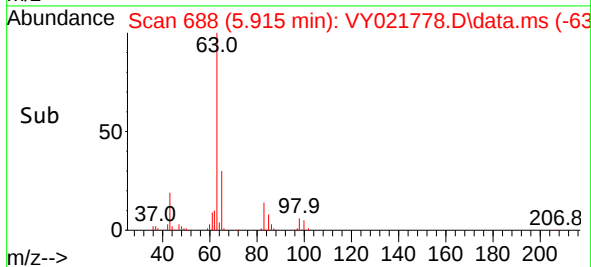
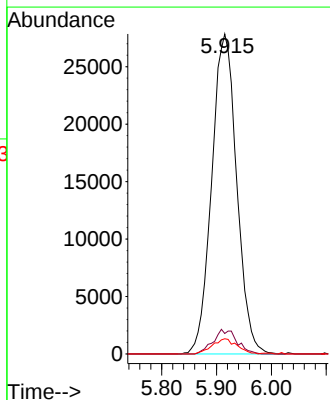
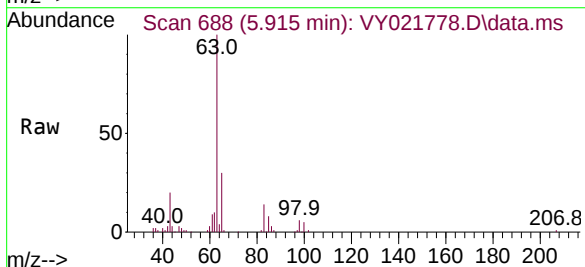
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

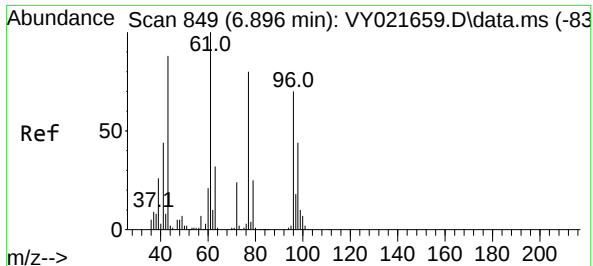
Tgt Ion: 43 Resp: 398090
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.810 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

Tgt Ion: 63 Resp: 88158
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 86.838 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

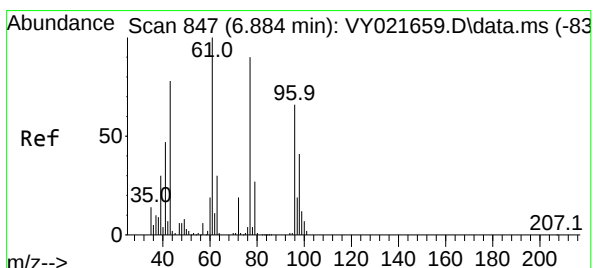
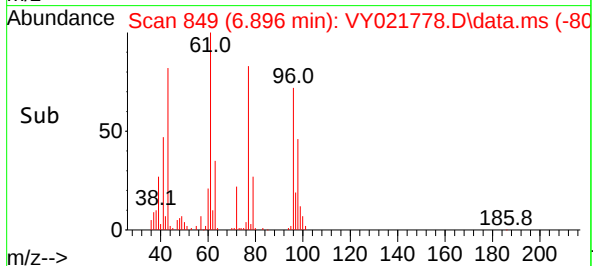
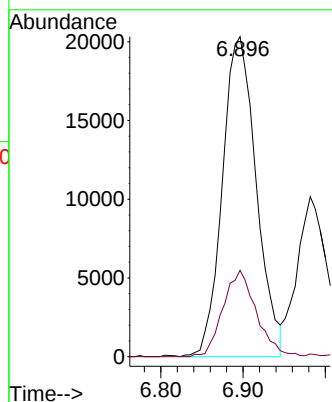
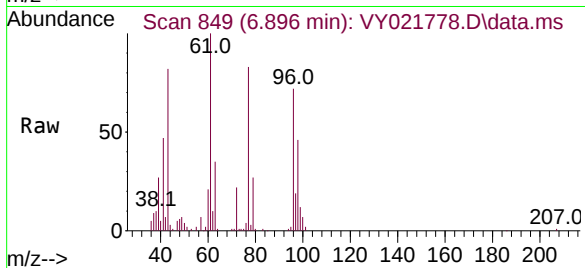
VY0404SBS01

Tgt Ion: 43 Resp: 58346

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.027 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021778.D

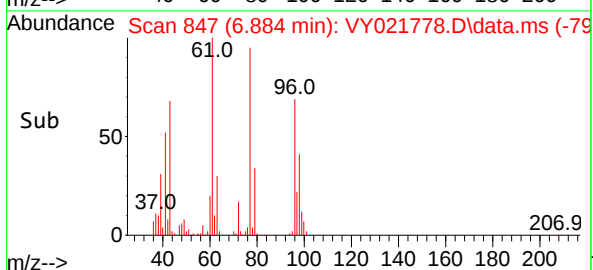
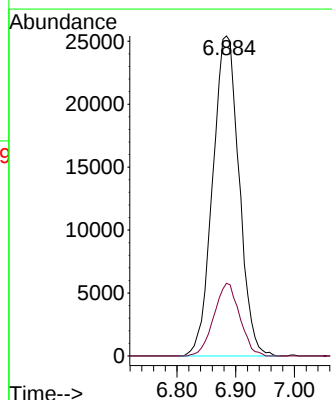
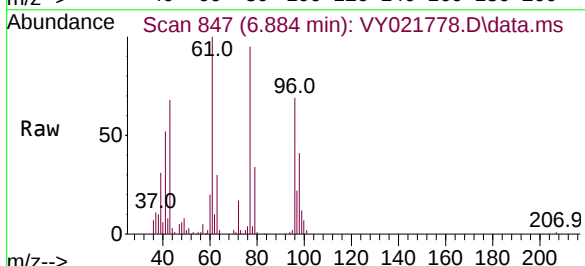
Acq: 04 Apr 2025 10:26

Tgt Ion: 77 Resp: 79277

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.543 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

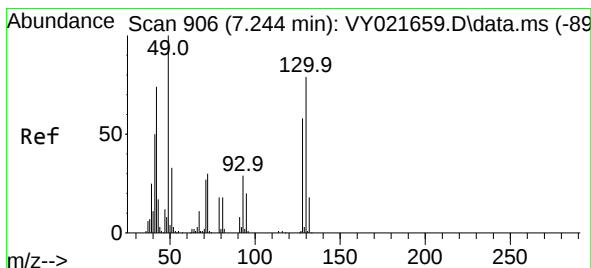
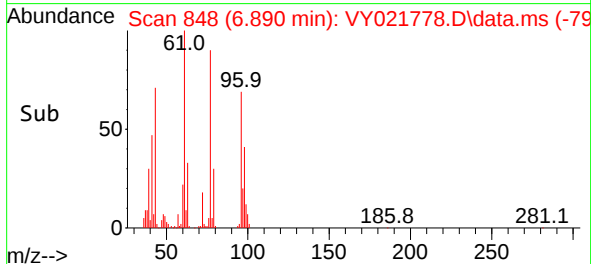
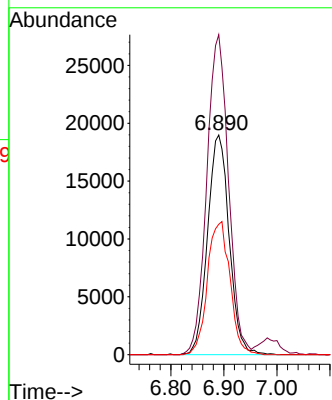
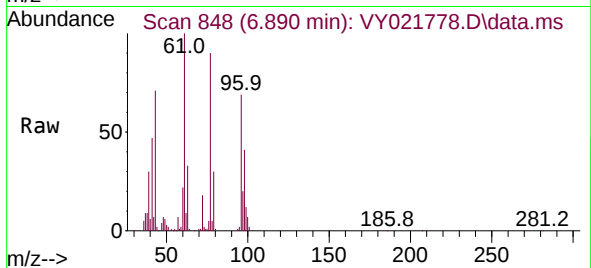
Tgt Ion: 96 Resp: 53845

Ion Ratio Lower Upper

96 100

61 146.0 0.0 296.4

98 63.1 0.0 128.0



#28

Bromochloromethane

Concen: 19.673 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

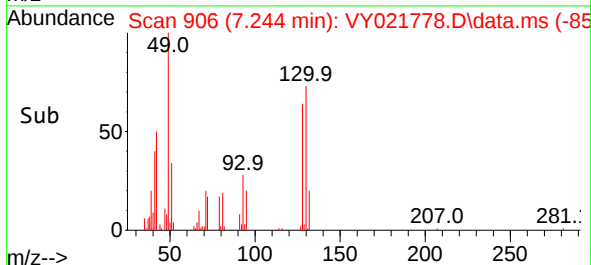
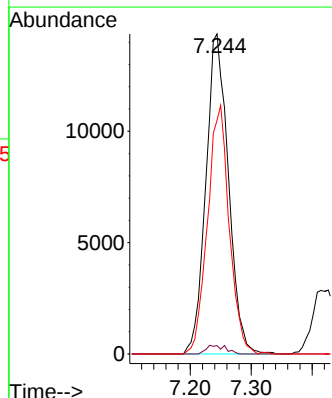
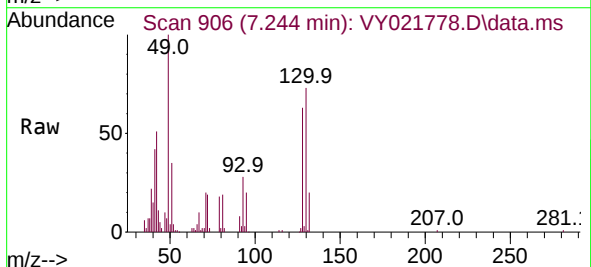
Tgt Ion: 49 Resp: 36923

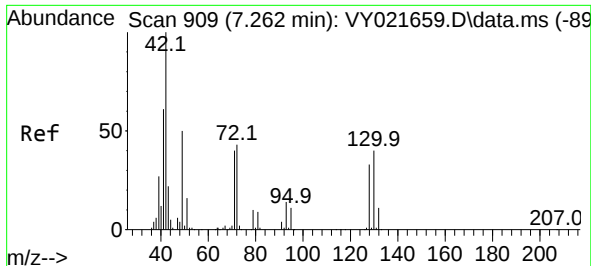
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 74.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 86.232 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

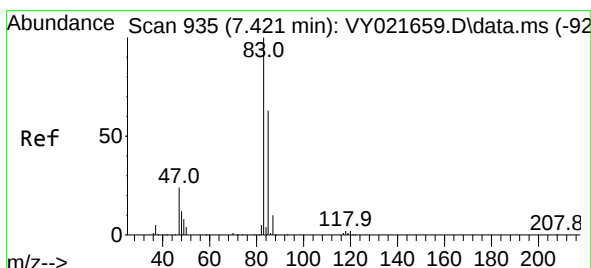
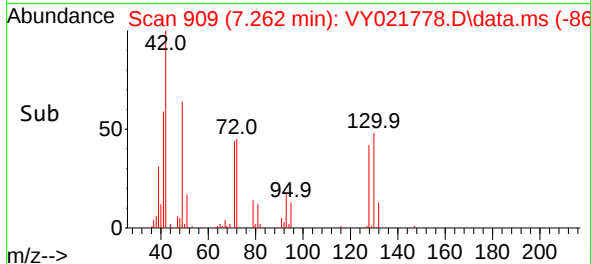
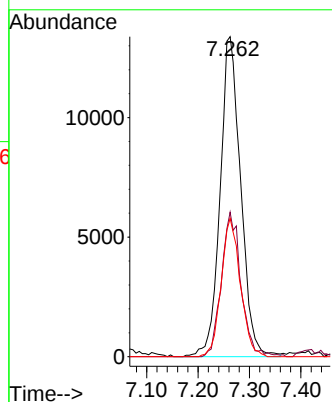
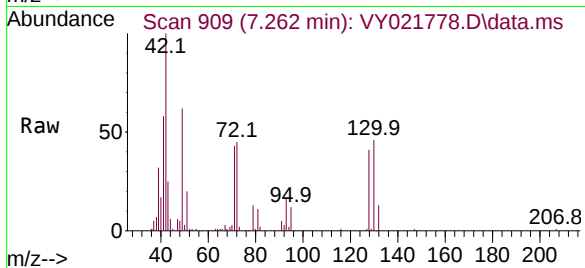
Tgt Ion: 42 Resp: 37289

Ion Ratio Lower Upper

42 100

72 42.9 34.6 52.0

71 40.2 32.5 48.7



#30

Chloroform

Concen: 19.742 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021778.D

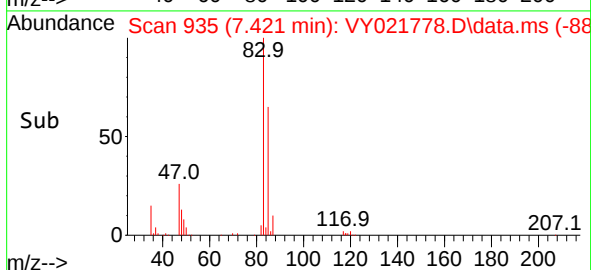
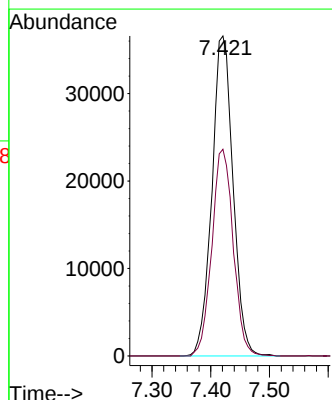
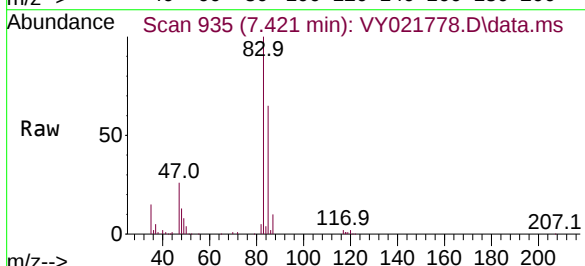
Acq: 04 Apr 2025 10:26

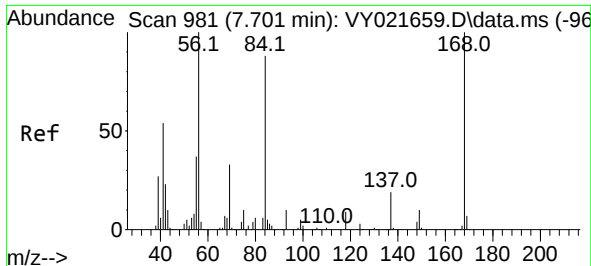
Tgt Ion: 83 Resp: 91381

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

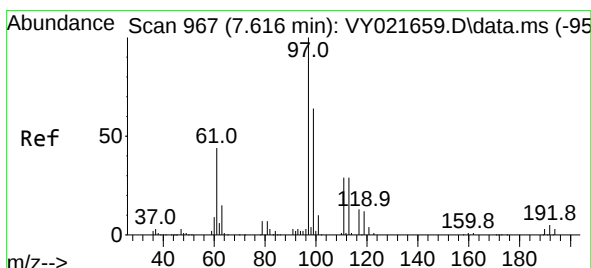
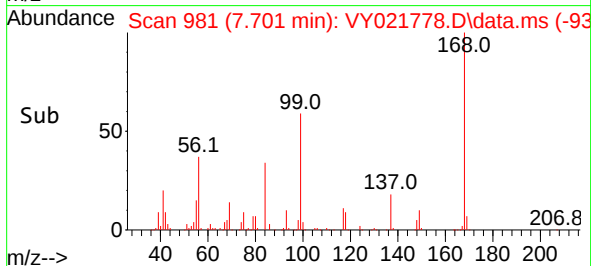
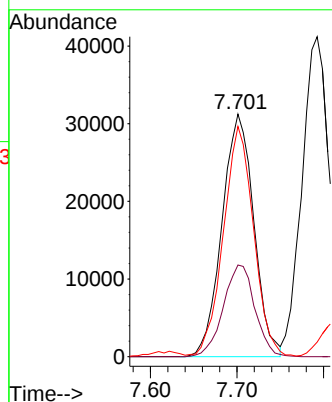
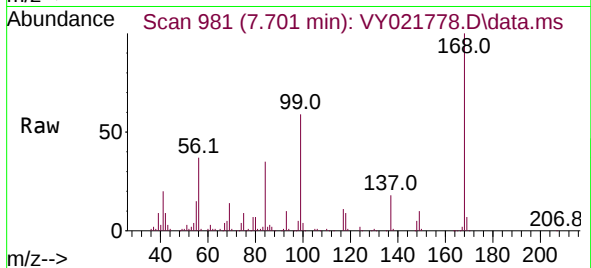




#31
Cyclohexane
Concen: 19.648 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

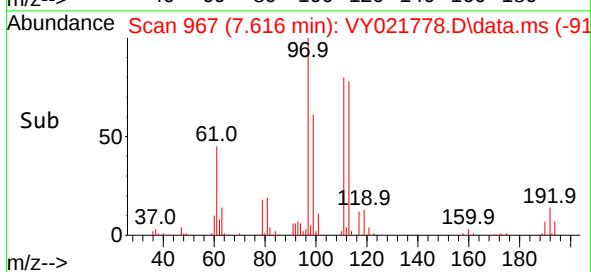
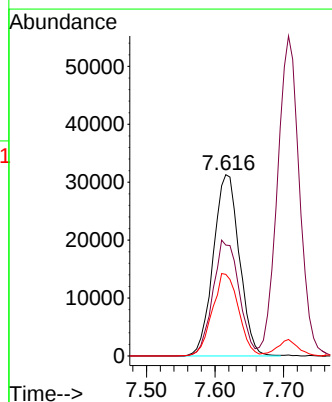
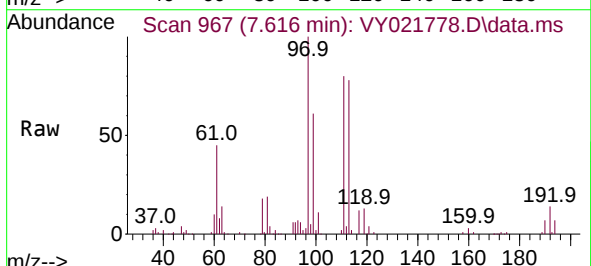
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

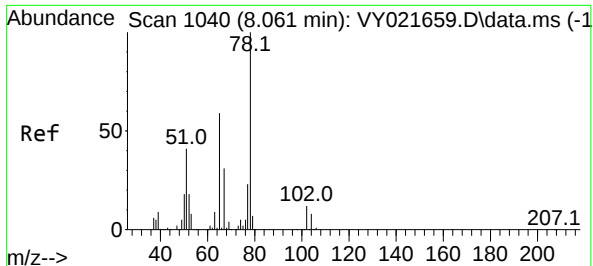
Tgt Ion: 56 Resp: 79706
Ion Ratio Lower Upper
56 100
69 37.8 26.6 40.0
84 93.6 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.763 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 97 Resp: 82677
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 45.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.418 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

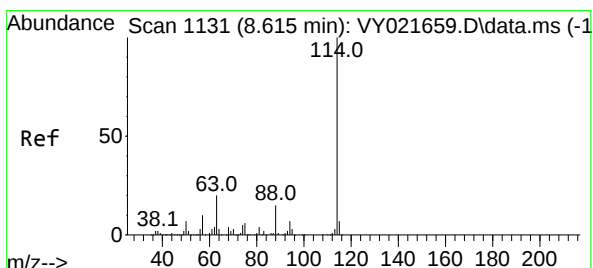
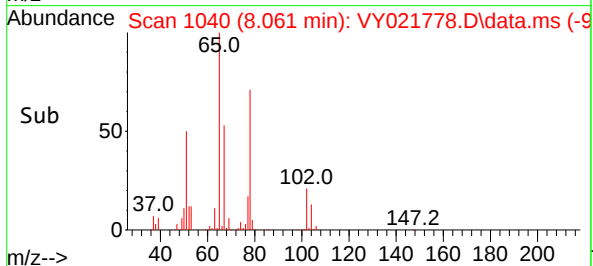
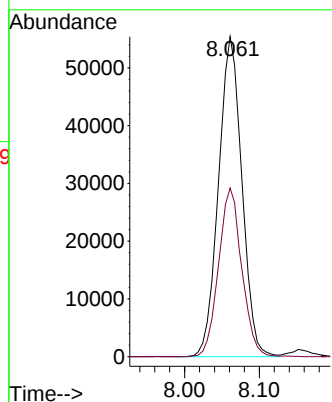
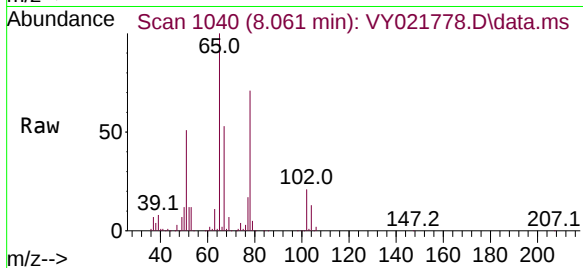
VY0404SBS01

Tgt Ion: 65 Resp: 120482

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

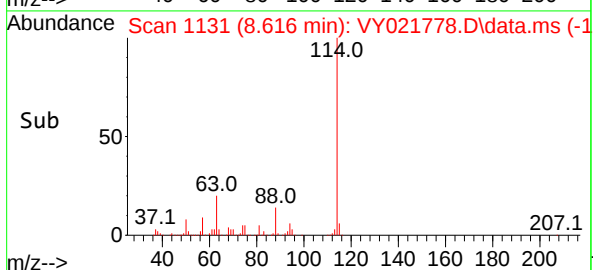
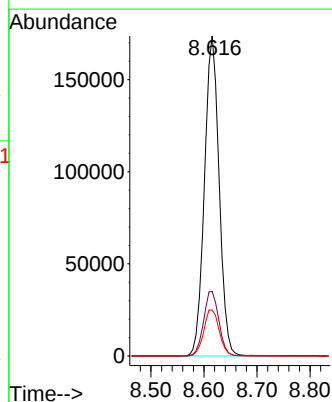
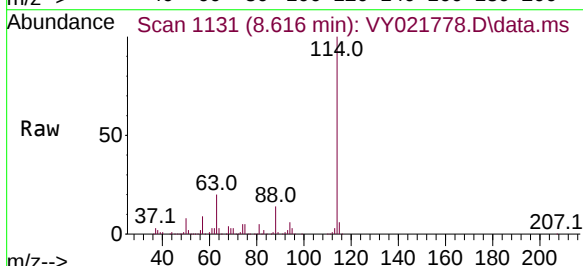
Tgt Ion: 114 Resp: 333501

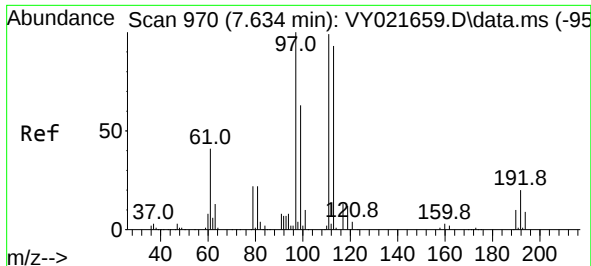
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.3 0.0 29.8

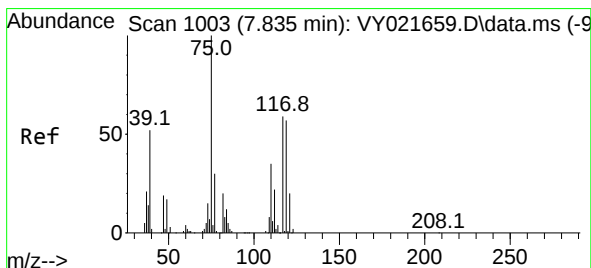
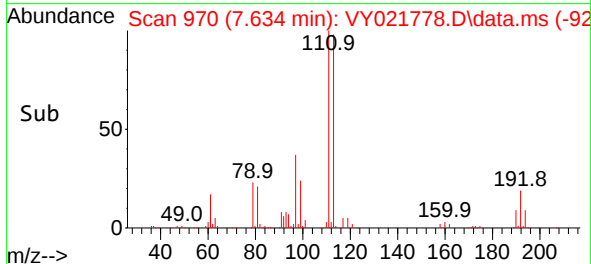
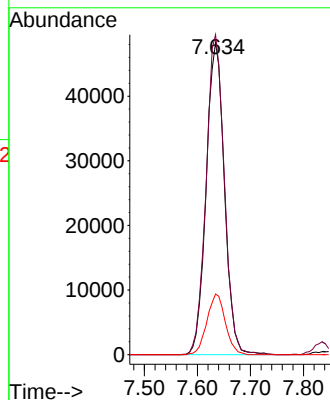
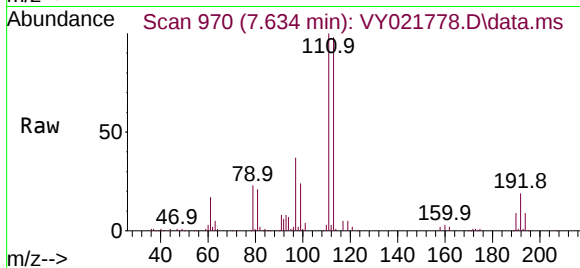




#35
Dibromofluoromethane
Concen: 53.318 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

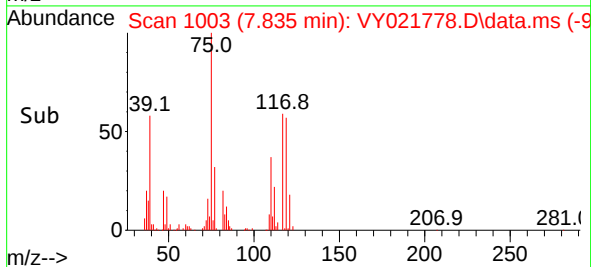
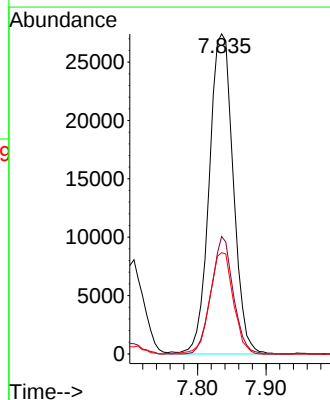
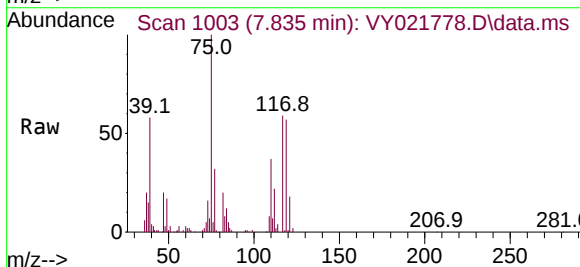
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

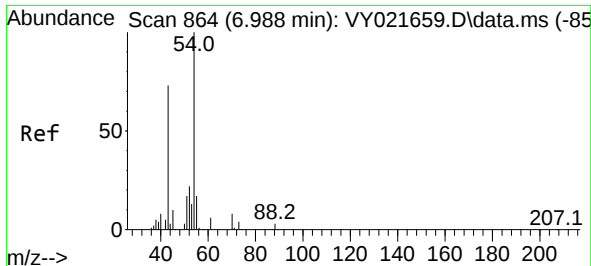
Tgt Ion:113 Resp: 115347
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.193 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 75 Resp: 66538
Ion Ratio Lower Upper
75 100
110 33.7 17.0 50.9
77 31.1 24.8 37.2

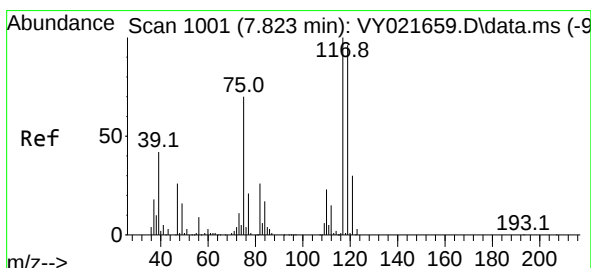
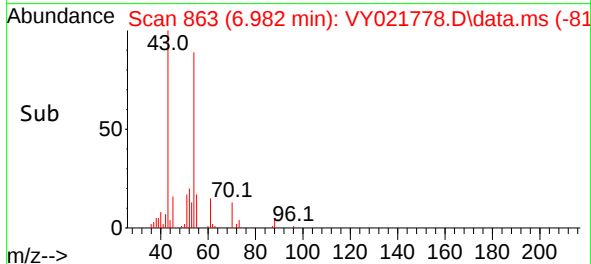
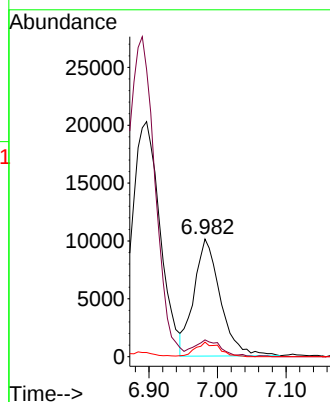
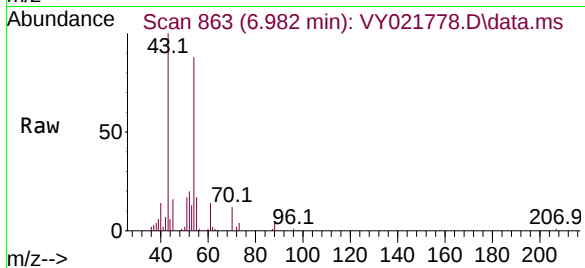




#37
Ethyl Acetate
Concen: 17.489 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

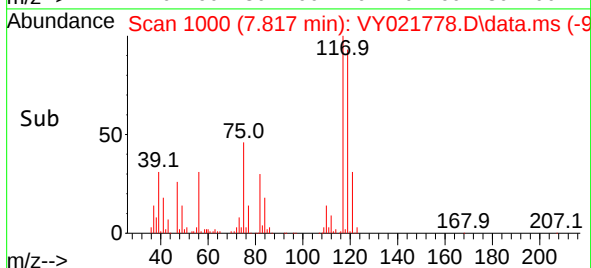
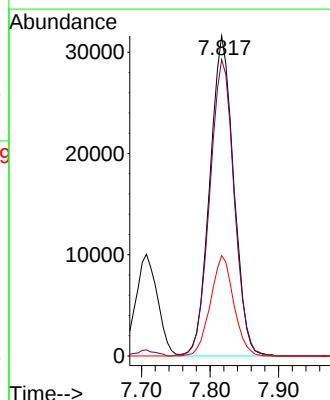
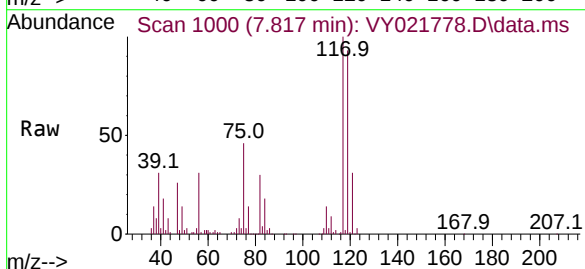
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

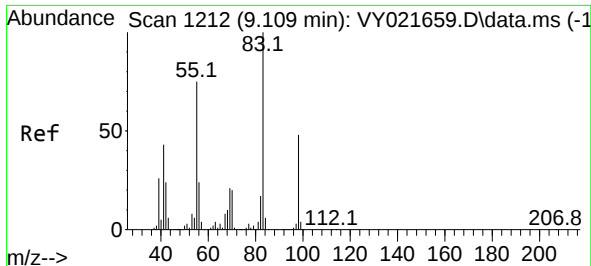
Tgt Ion:	43	Resp:	27198
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.6
70	11.0	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.272 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:	117	Resp:	76509
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.2	114.4
121	31.4	24.2	36.4

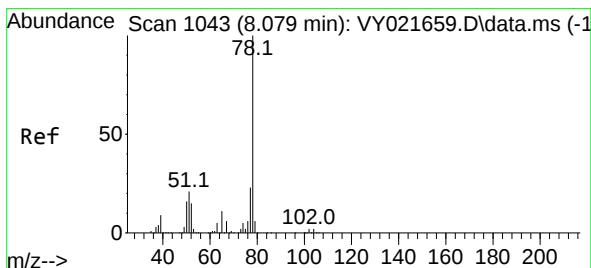
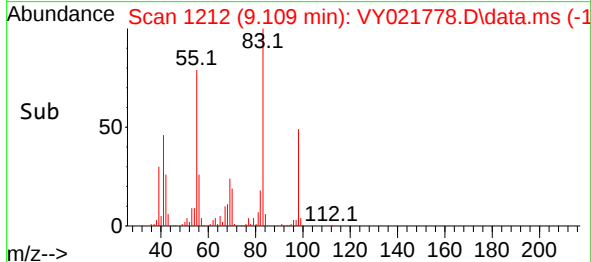
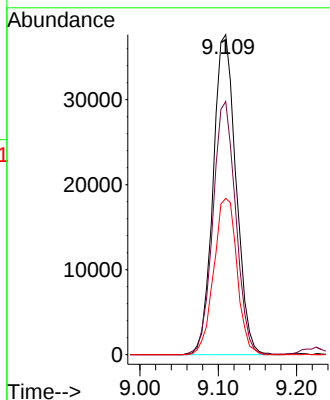
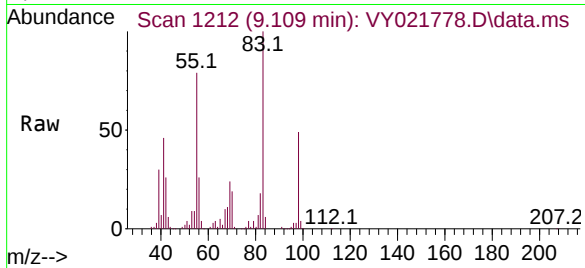




#39
Methylcyclohexane
Concen: 19.412 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

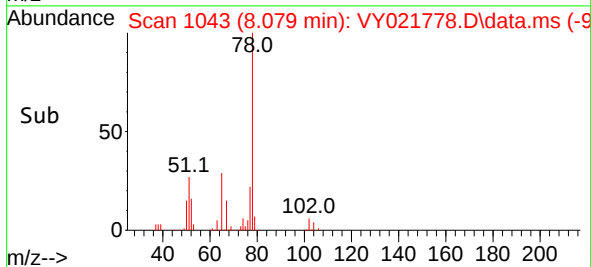
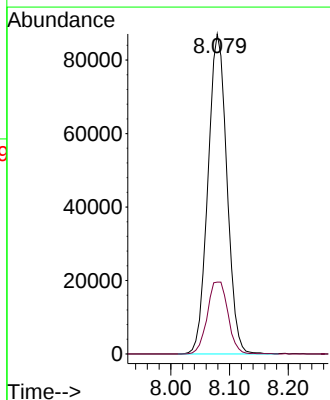
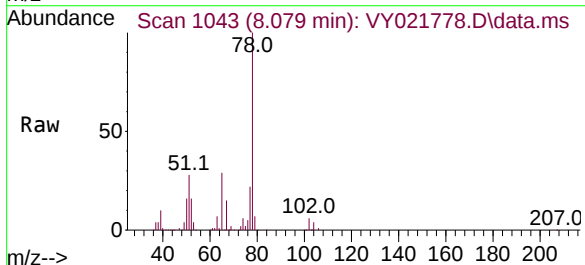
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

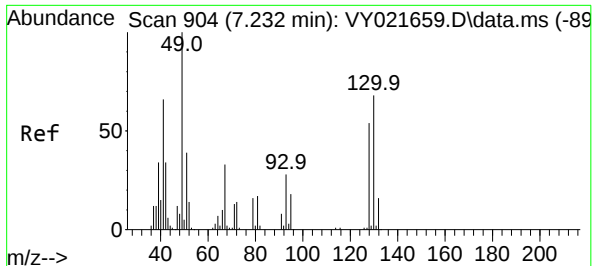
Tgt Ion: 83 Resp: 76412
Ion Ratio Lower Upper
83 100
55 79.1 59.7 89.5
98 48.9 38.3 57.5



#40
Benzene
Concen: 19.772 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 78 Resp: 195115
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2

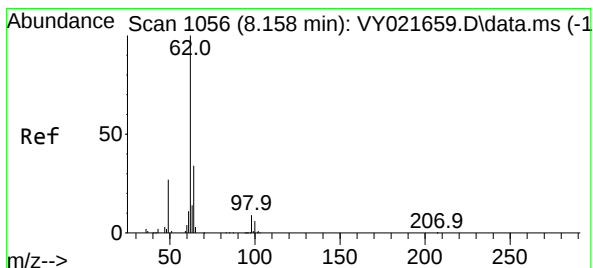
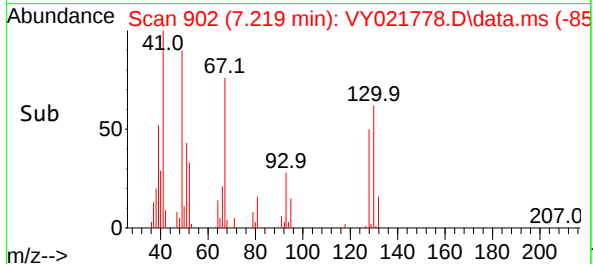
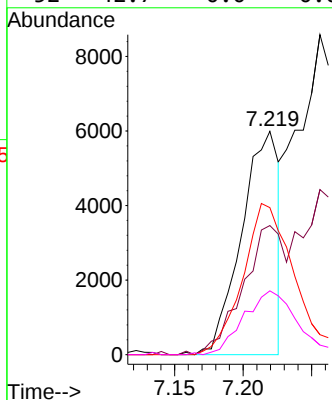
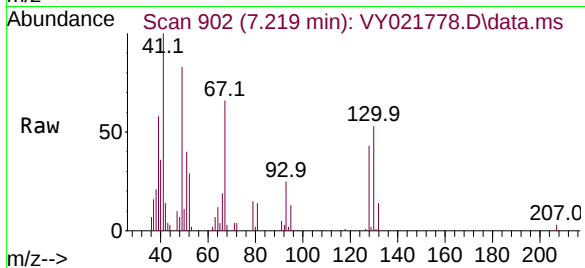




#41
Methacrylonitrile
Concen: 13.795 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

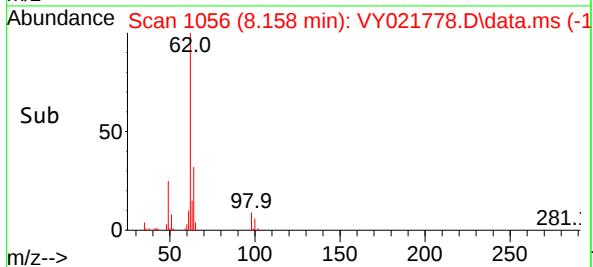
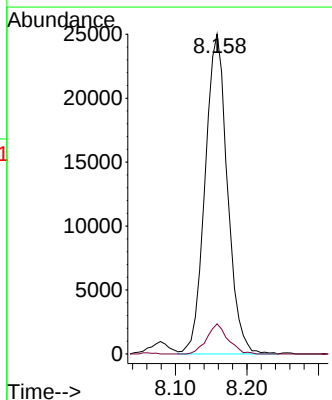
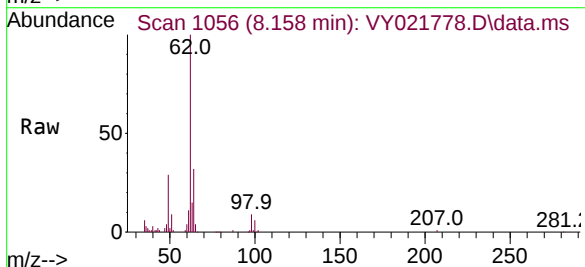
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

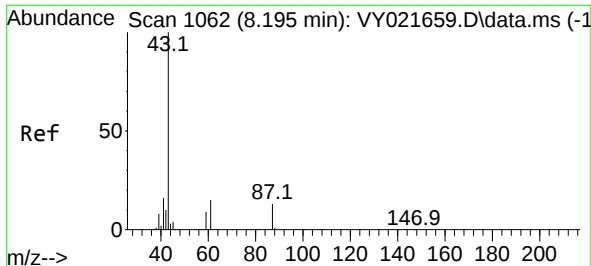
Tgt Ion:	41	Resp:	11393
Ion	Ratio	Lower	Upper
41	100		
39	64.8	0.0	0.0#
67	92.5	0.0	0.0#
52	42.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.524 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:	62	Resp:	54315
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4

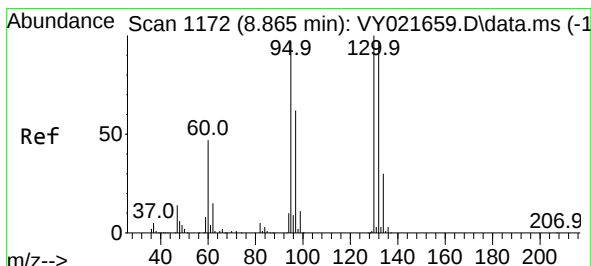
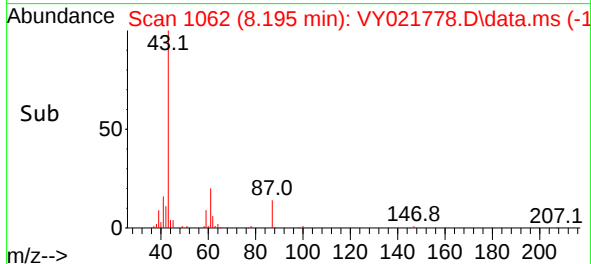
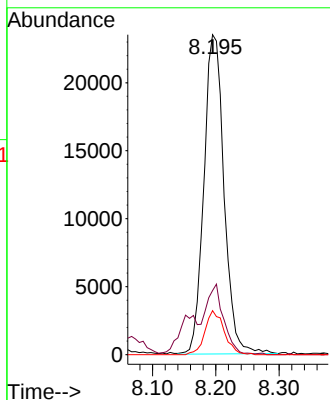
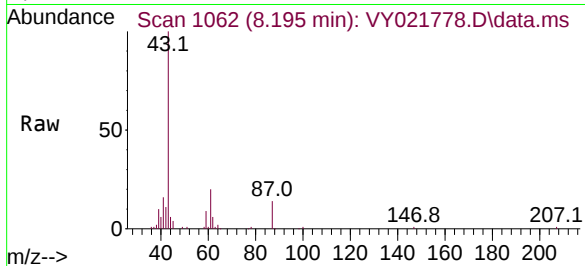




#43
Isopropyl Acetate
Concen: 17.697 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

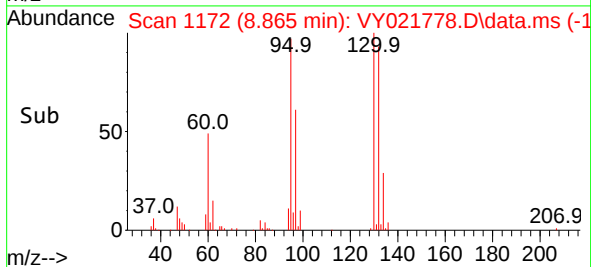
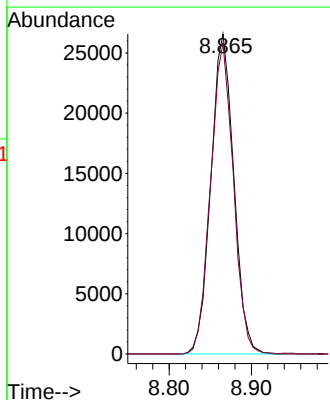
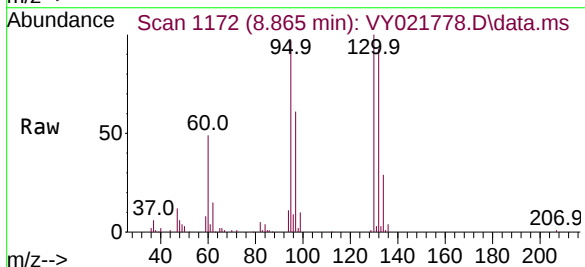
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

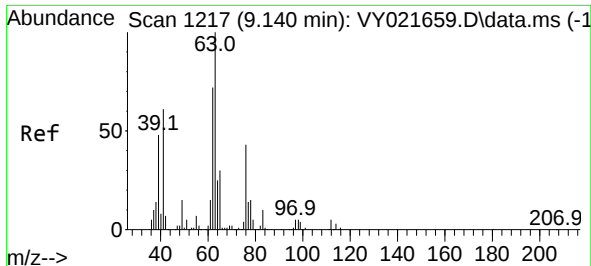
Tgt Ion: 43 Resp: 52154
Ion Ratio Lower Upper
43 100
61 19.8 15.9 23.9
87 13.2 10.4 15.6



#44
Trichloroethene
Concen: 20.398 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:130 Resp: 51288
Ion Ratio Lower Upper
130 100
95 97.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

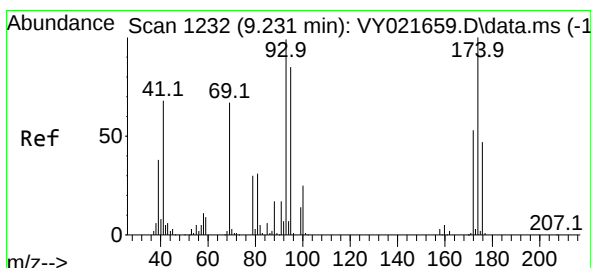
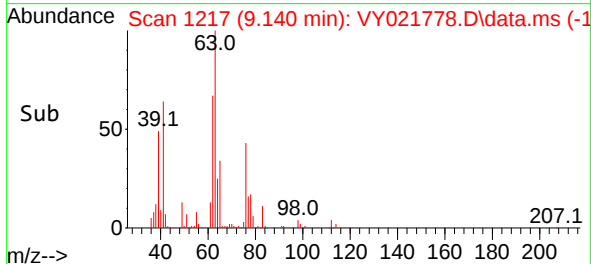
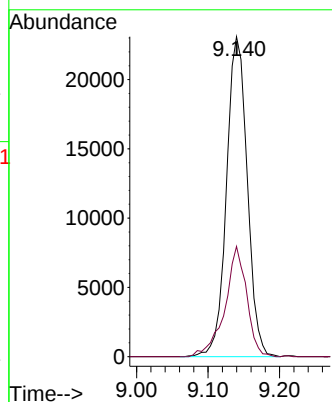
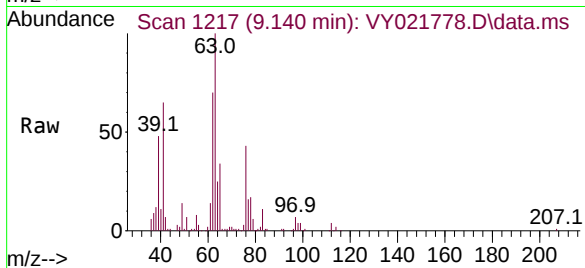
VY0404SBS01

Tgt Ion: 63 Resp: 46551

Ion Ratio Lower Upper

63 100

65 34.4 24.4 36.6



#46

Dibromomethane

Concen: 18.755 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

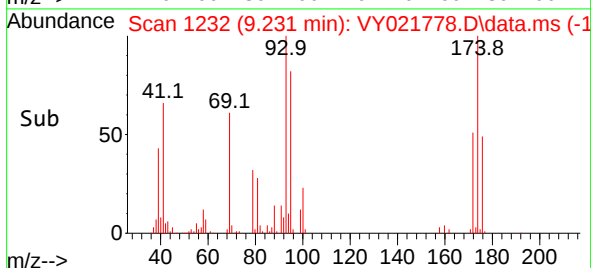
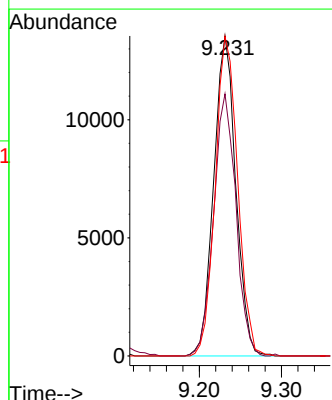
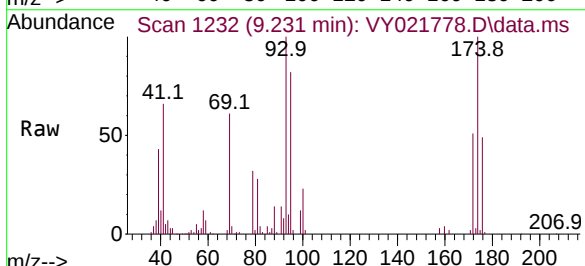
Tgt Ion: 93 Resp: 25248

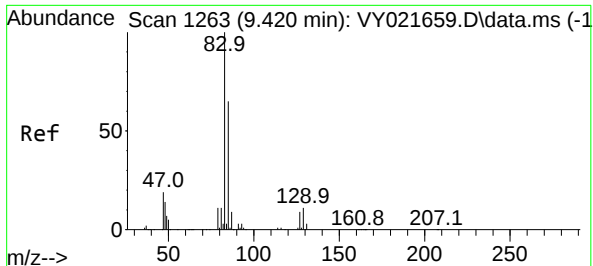
Ion Ratio Lower Upper

93 100

95 82.9 68.1 102.1

174 101.4 80.9 121.3





#47

Bromodichloromethane

Concen: 19.726 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

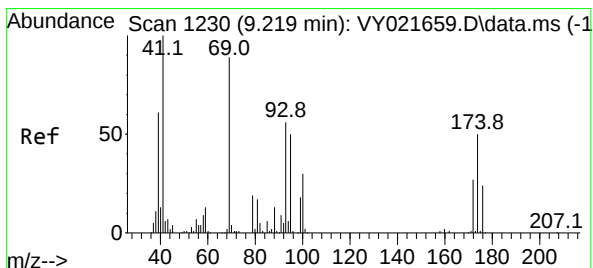
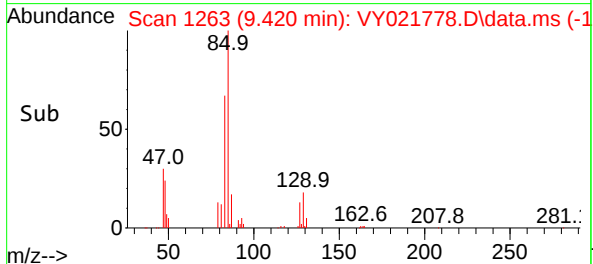
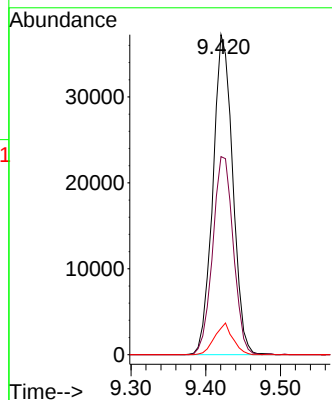
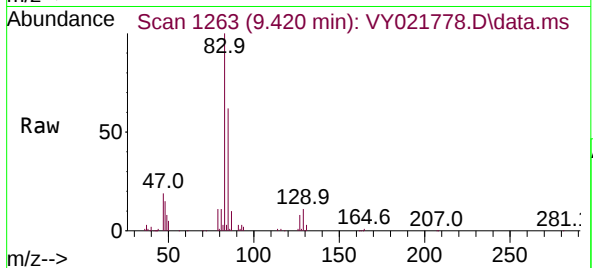
Tgt Ion: 83 Resp: 68808

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.6

127 8.3 6.8 10.2



#48

Methyl methacrylate

Concen: 17.089 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

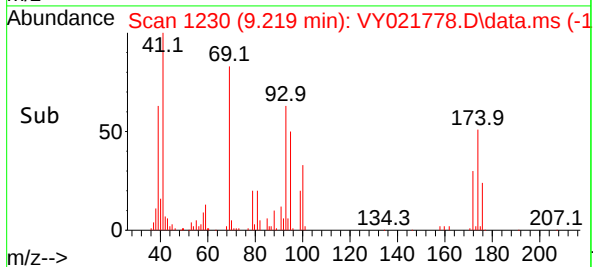
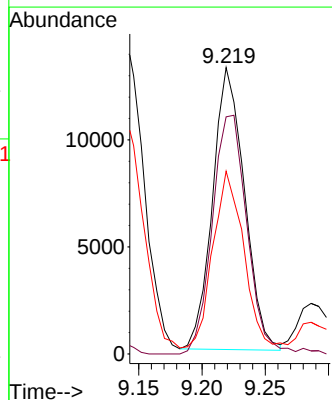
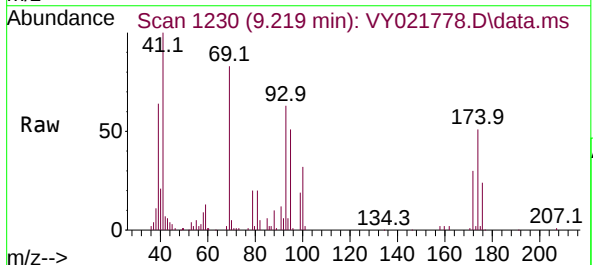
Tgt Ion: 41 Resp: 23114

Ion Ratio Lower Upper

41 100

69 91.9 69.8 104.8

39 61.7 47.2 70.8





#49

1,4-Dioxane

Concen: 336.031 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

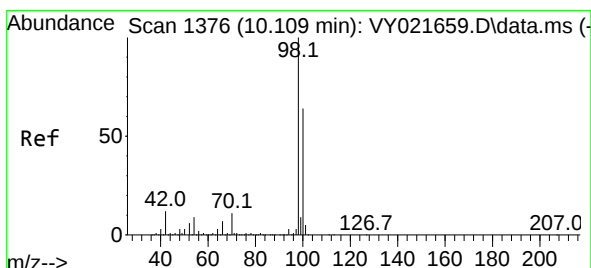
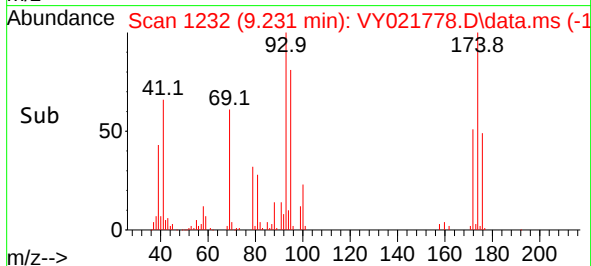
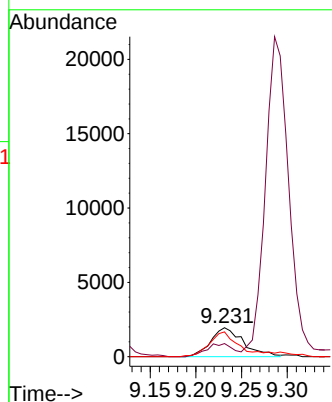
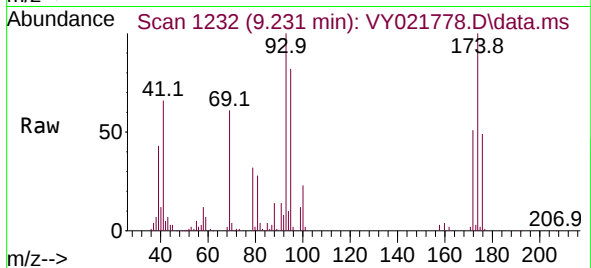
Tgt Ion: 88 Resp: 4846

Ion Ratio Lower Upper

88 100

43 37.8 28.8 43.2

58 88.6 59.4 89.2



#50

Toluene-d8

Concen: 53.826 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021778.D

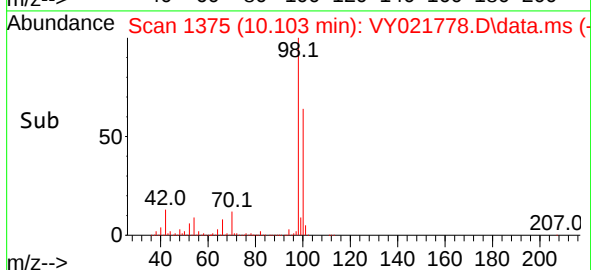
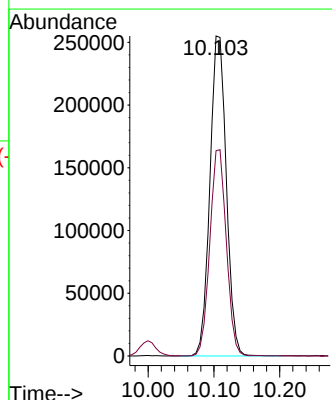
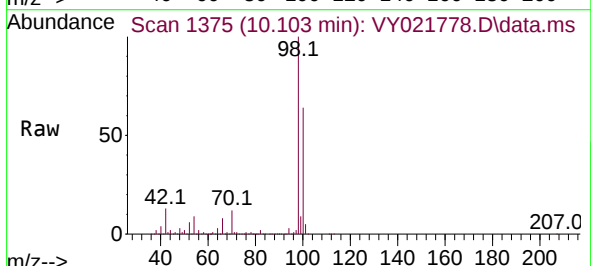
Acq: 04 Apr 2025 10:26

Tgt Ion: 98 Resp: 442990

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 88.669 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

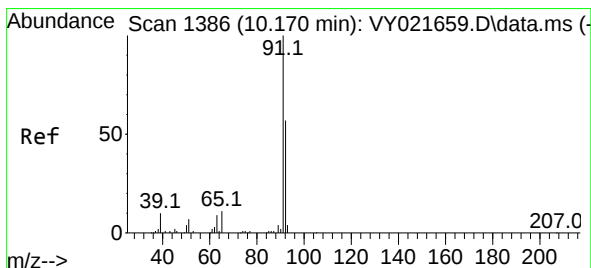
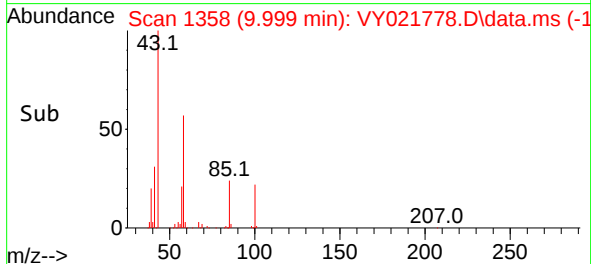
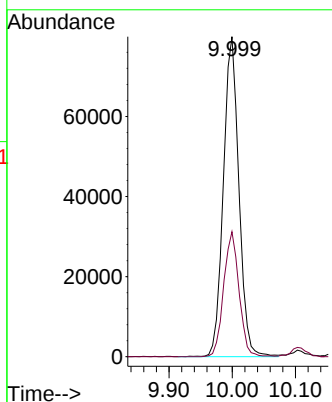
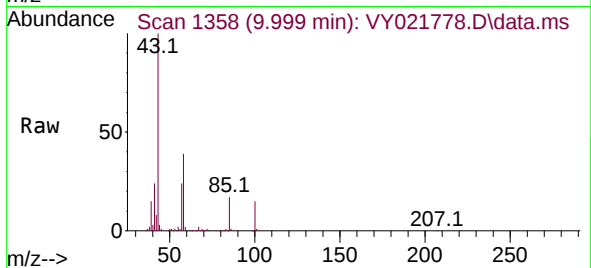
VY0404SBS01

Tgt Ion: 43 Resp: 135987

Ion Ratio Lower Upper

43 100

58 38.6 31.5 47.3



#52

Toluene

Concen: 19.987 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021778.D

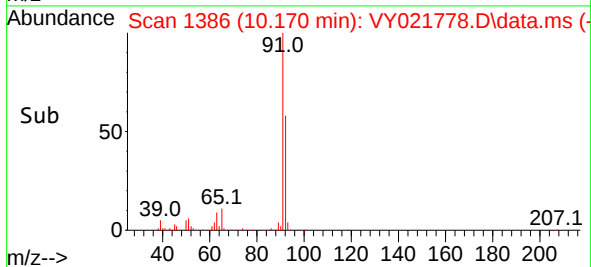
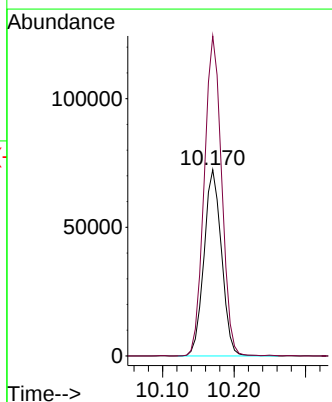
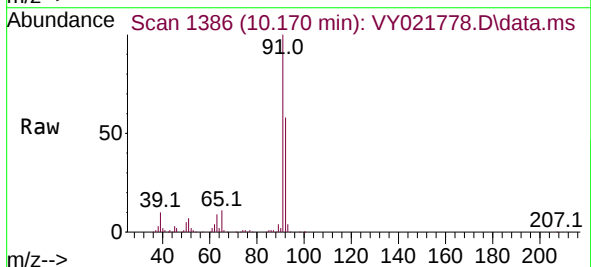
Acq: 04 Apr 2025 10:26

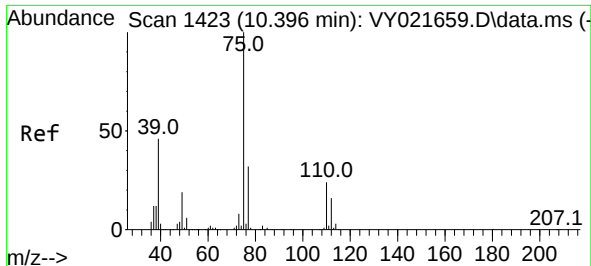
Tgt Ion: 92 Resp: 123058

Ion Ratio Lower Upper

92 100

91 171.0 138.6 207.8

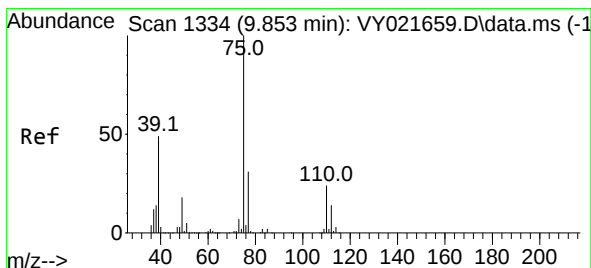
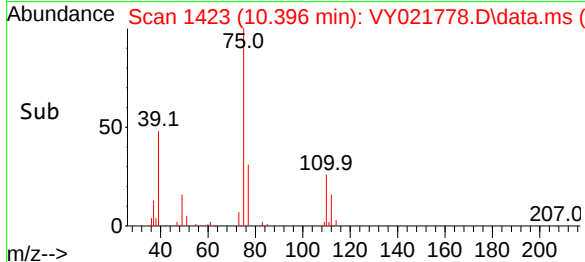
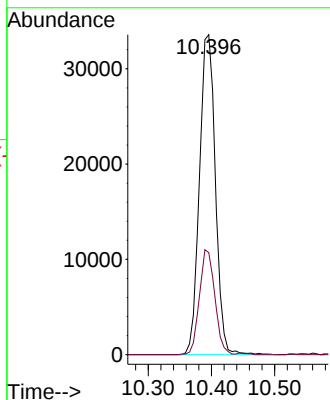
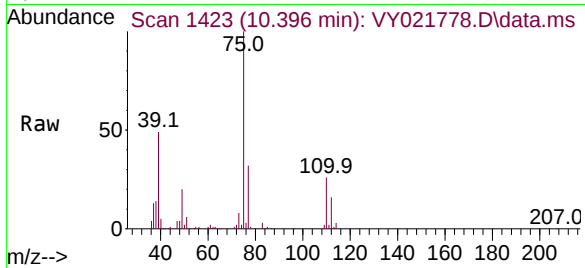




#53
t-1,3-Dichloropropene
Concen: 19.048 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

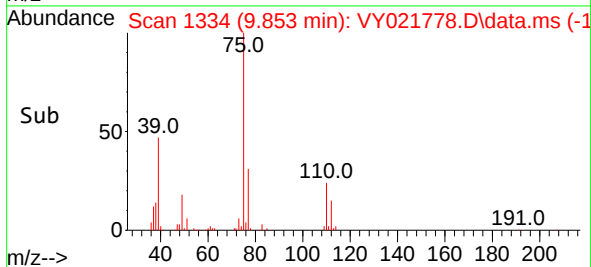
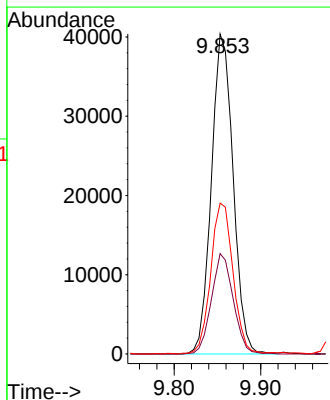
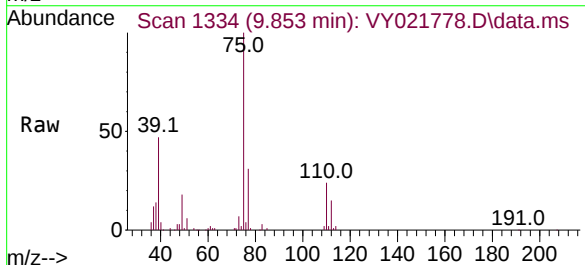
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

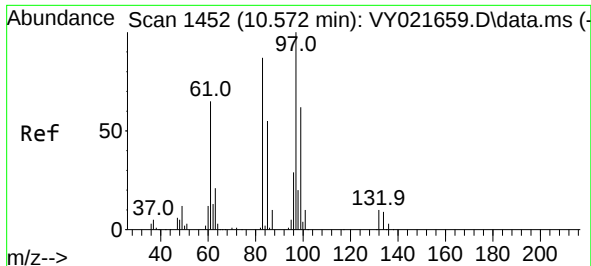
Tgt Ion: 75 Resp: 59016
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.257 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 75 Resp: 70388
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 47.2 39.2 58.8

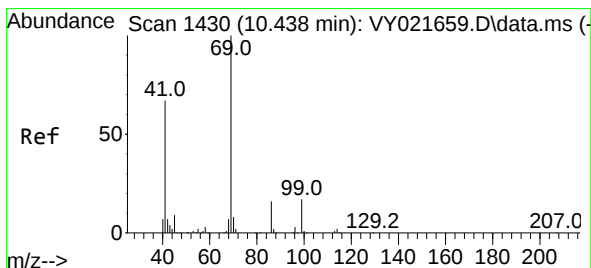
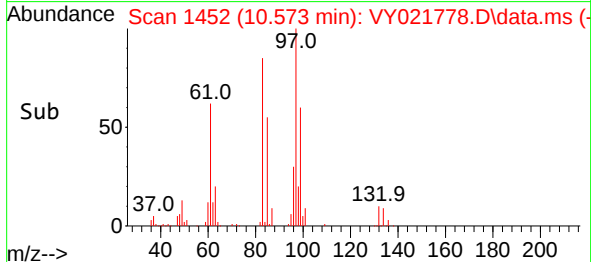
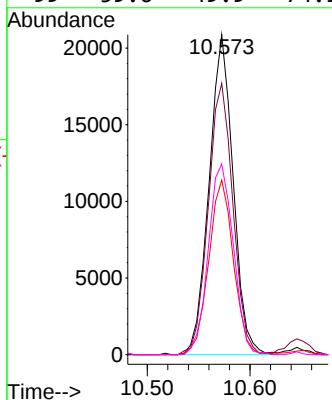
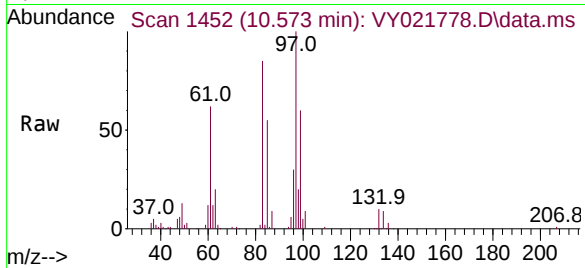




#55
1,1,2-Trichloroethane
Concen: 19.599 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

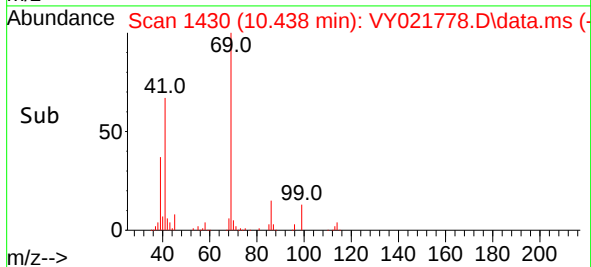
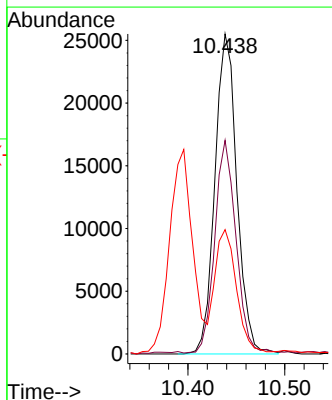
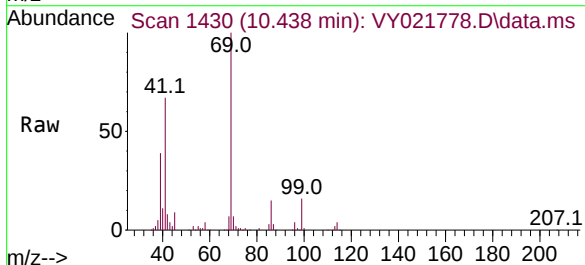
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

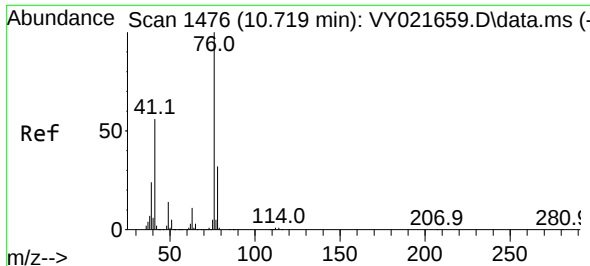
Tgt Ion: 97	Resp: 33954
Ion Ratio	Lower Upper
97 100	
83 84.8	69.5 104.3
85 54.6	43.9 65.9
99 59.6	49.9 74.9



#56
Ethyl methacrylate
Concen: 18.189 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 69	Resp: 40236
Ion Ratio	Lower Upper
69 100	
41 64.3	53.8 80.6
39 36.8	29.6 44.4





#57

1,3-Dichloropropane

Concen: 18.940 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

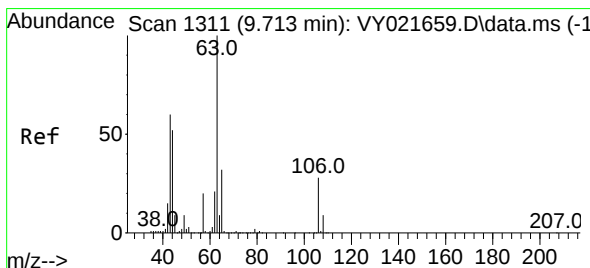
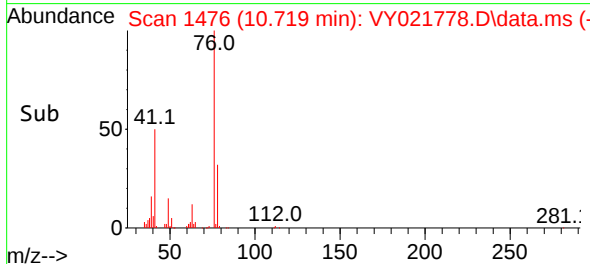
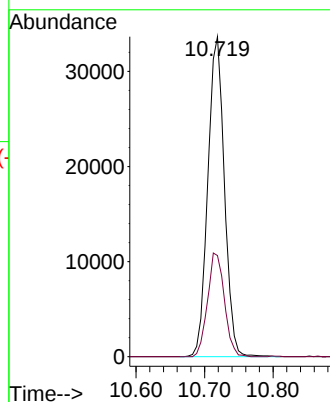
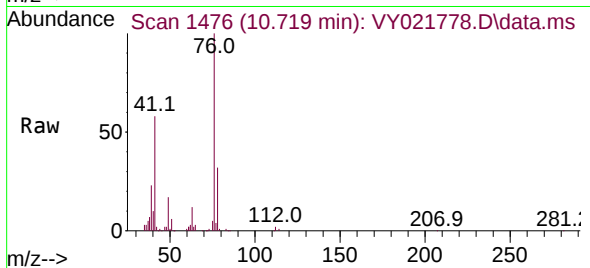
VY0404SBS01

Tgt Ion: 76 Resp: 56667

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.929 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021778.D

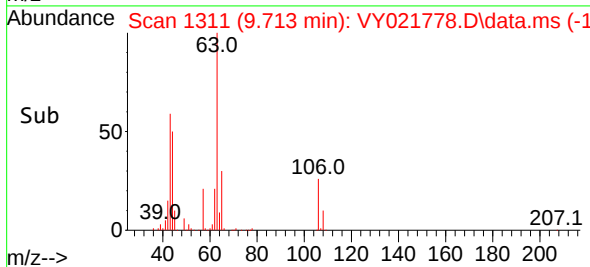
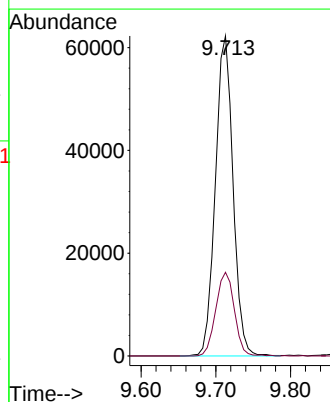
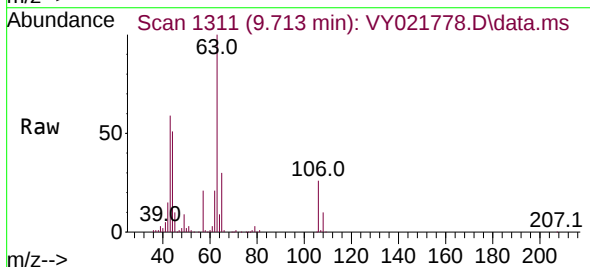
Acq: 04 Apr 2025 10:26

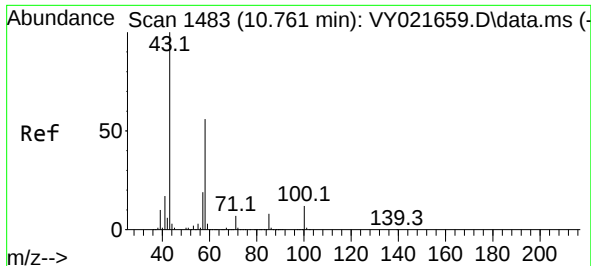
Tgt Ion: 63 Resp: 102441

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

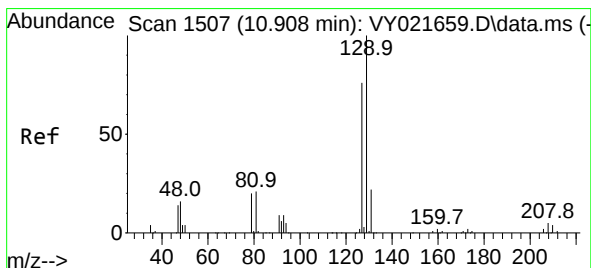
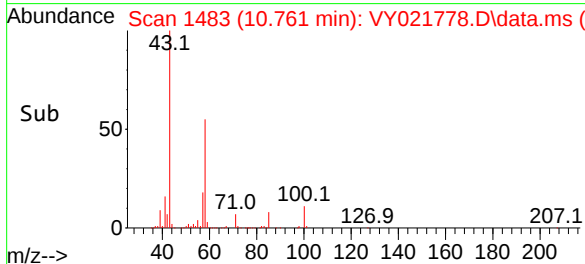
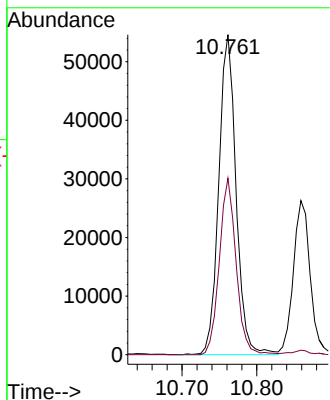
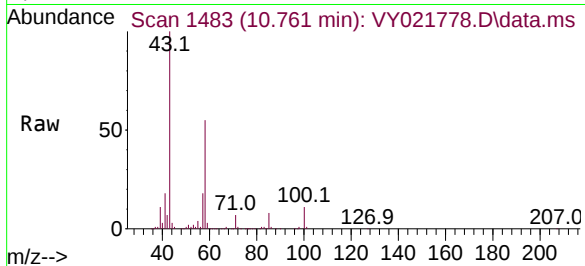




#59
2-Hexanone
Concen: 86.157 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

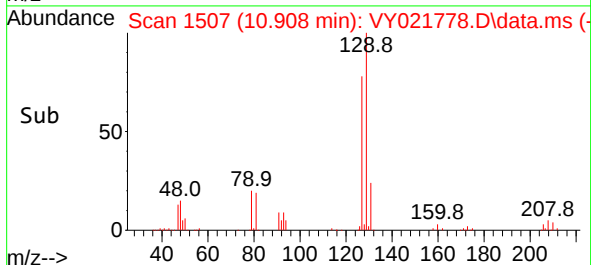
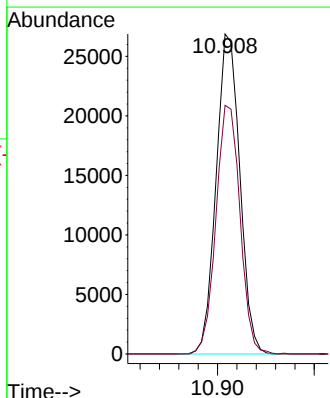
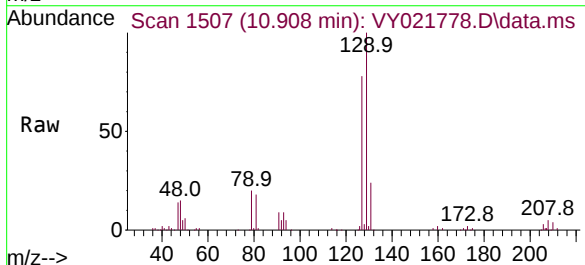
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

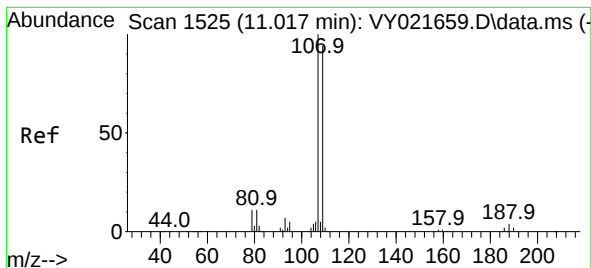
Tgt Ion: 43 Resp: 87999
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.5



#60
Dibromochloromethane
Concen: 19.348 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 129 Resp: 45764
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.7

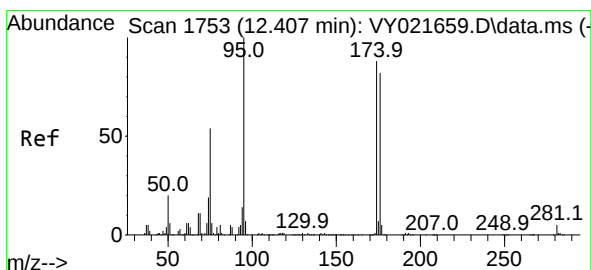
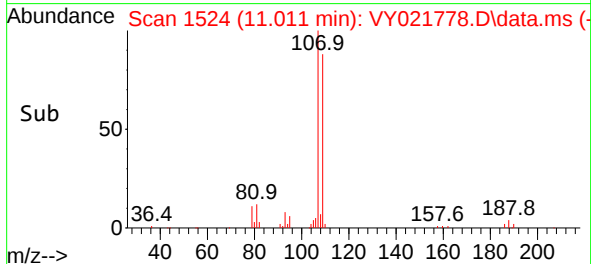
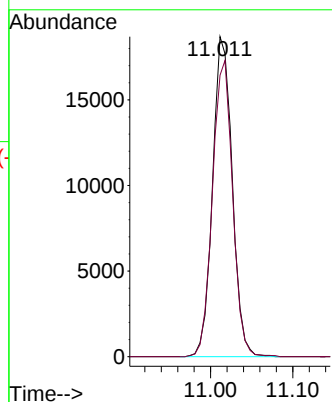
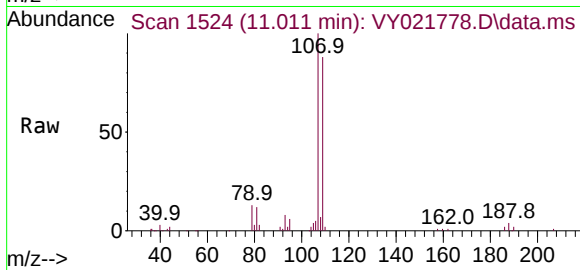




#61
1,2-Dibromoethane
Concen: 19.087 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

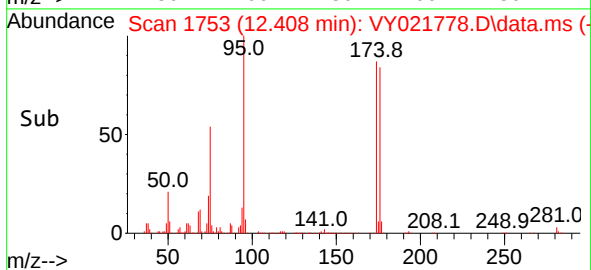
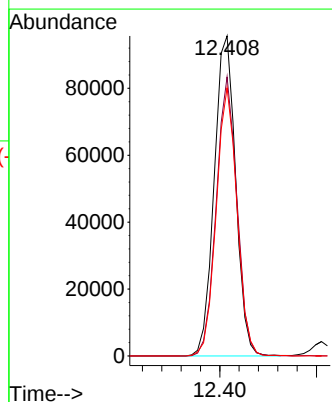
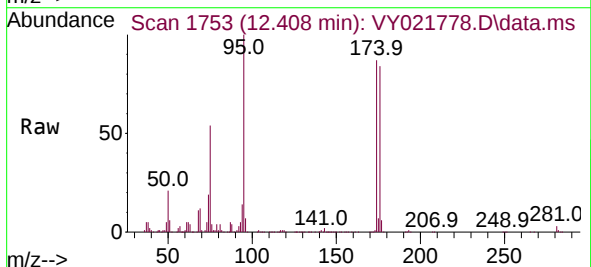
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

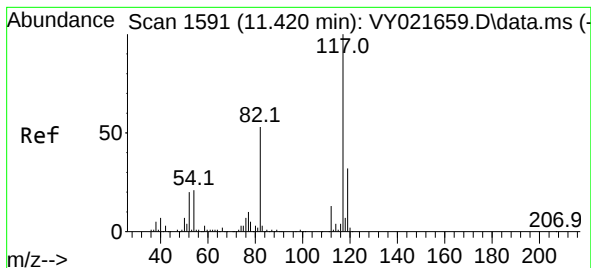
Tgt Ion:107 Resp: 31019
Ion Ratio Lower Upper
107 100
109 94.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.820 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 95 Resp: 147041
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 81.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

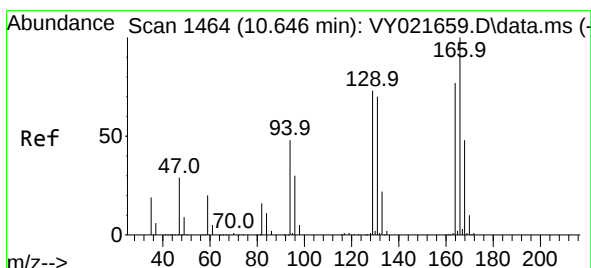
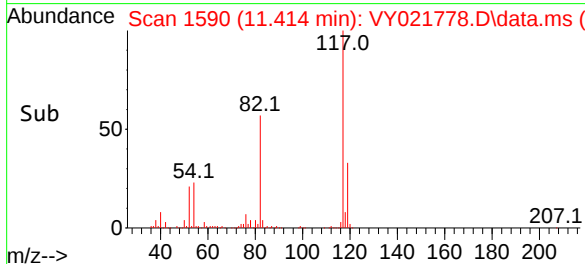
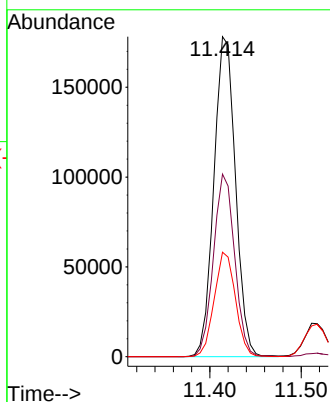
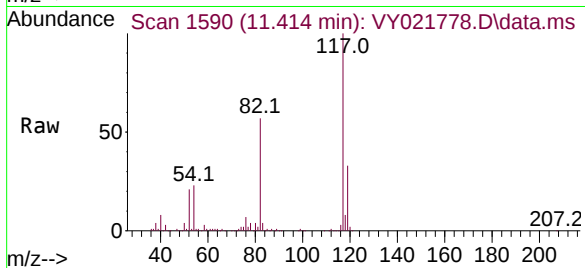
Tgt Ion:117 Resp: 293102

Ion Ratio Lower Upper

117 100

82 57.1 42.8 64.2

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 21.437 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Tgt Ion:164 Resp: 57226

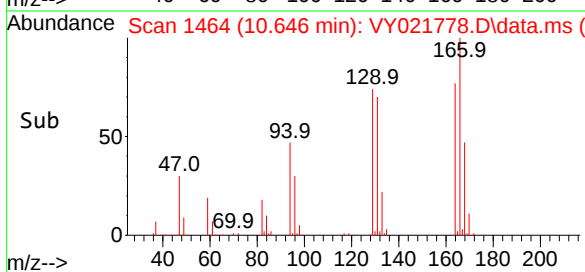
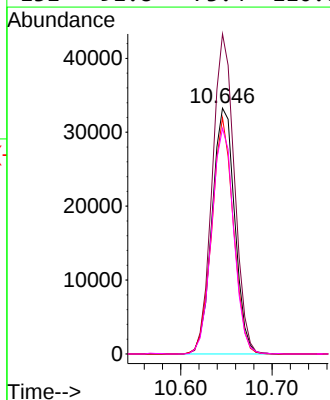
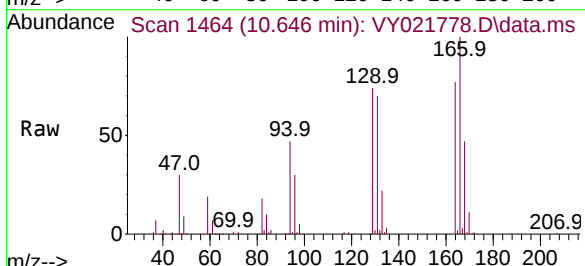
Ion Ratio Lower Upper

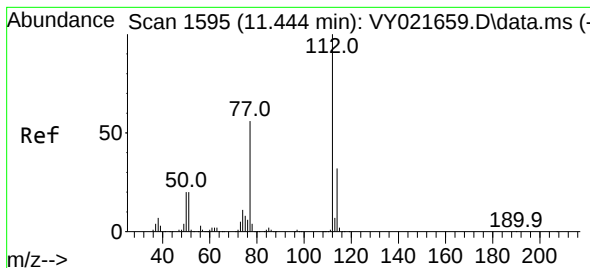
164 100

166 130.2 104.6 156.8

129 96.1 76.6 114.8

131 91.8 73.4 110.0





#65

Chlorobenzene

Concen: 19.745 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

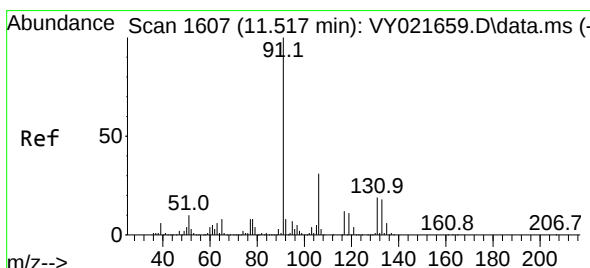
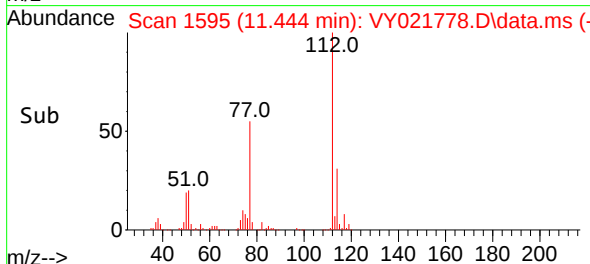
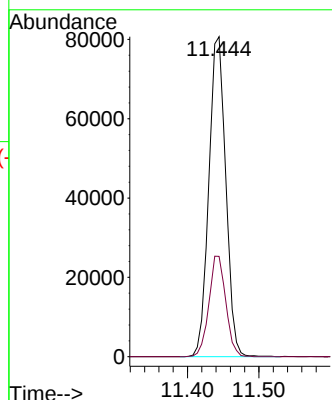
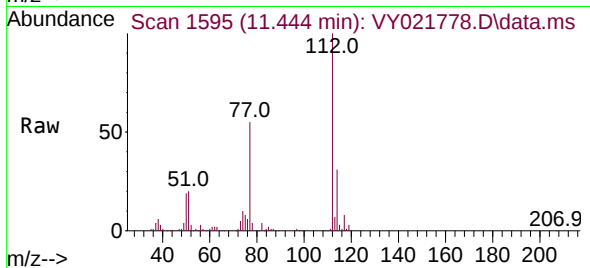
VY0404SBS01

Tgt Ion:112 Resp: 132663

Ion Ratio Lower Upper

112 100

114 31.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

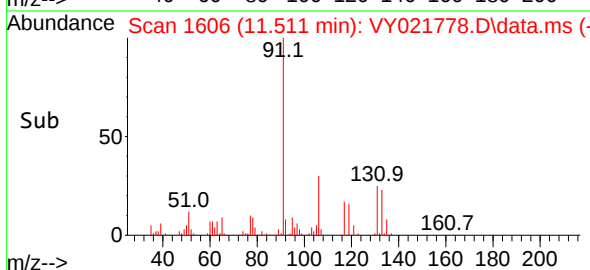
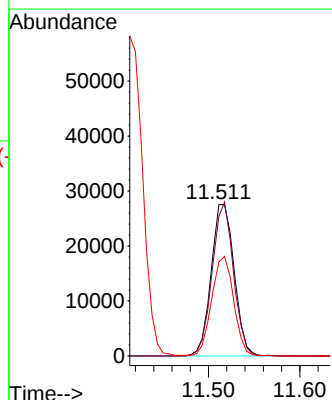
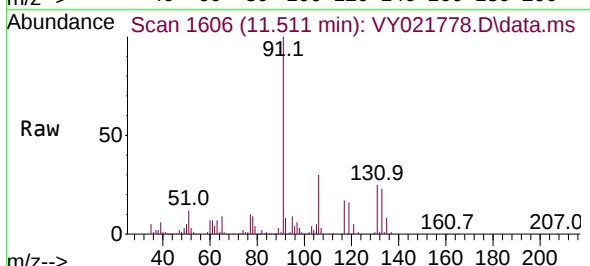
Tgt Ion:131 Resp: 48189

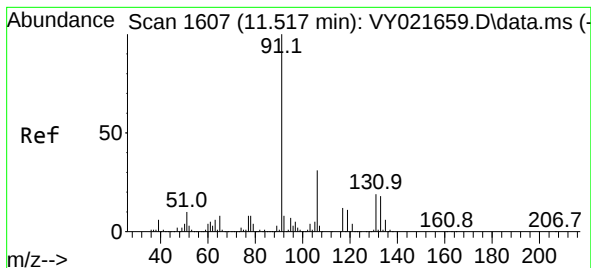
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

119 62.9 31.6 95.0

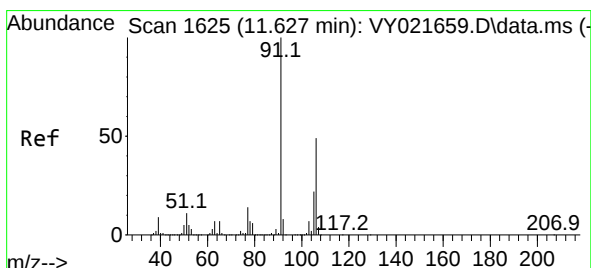
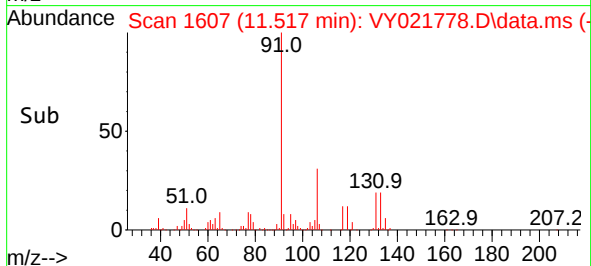
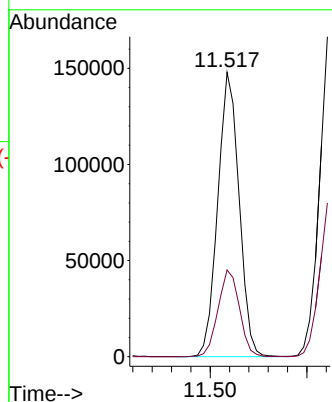
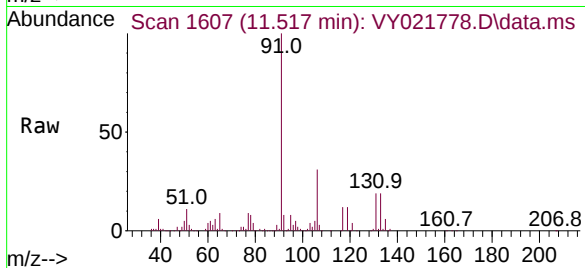




#67
Ethyl Benzene
Concen: 19.612 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

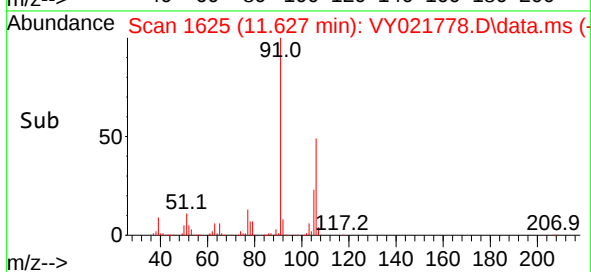
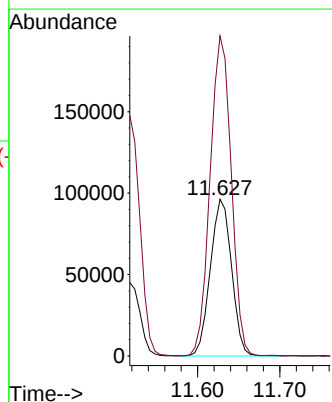
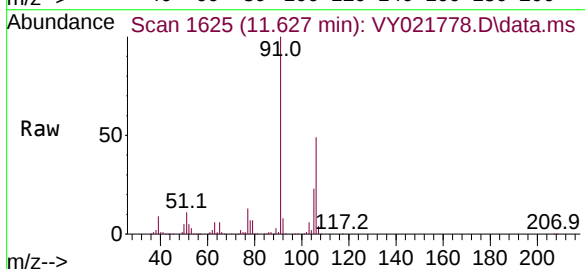
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

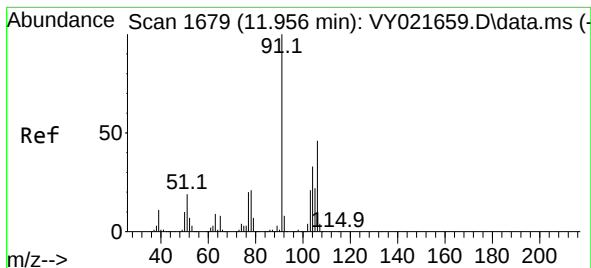
Tgt Ion: 91 Resp: 225955
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 39.102 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:106 Resp: 172512
Ion Ratio Lower Upper
106 100
91 203.2 162.4 243.6

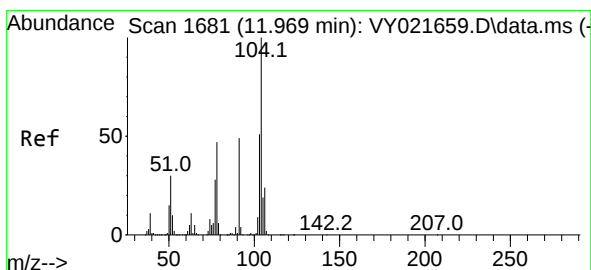
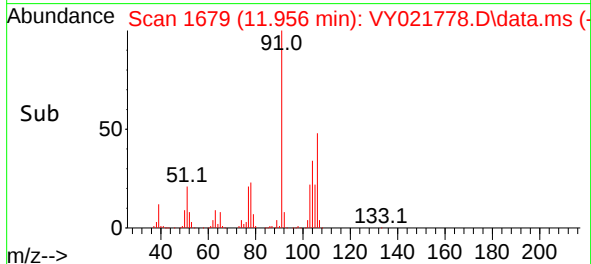
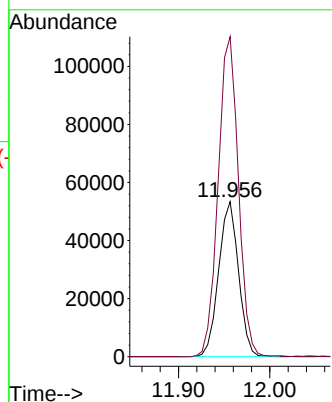
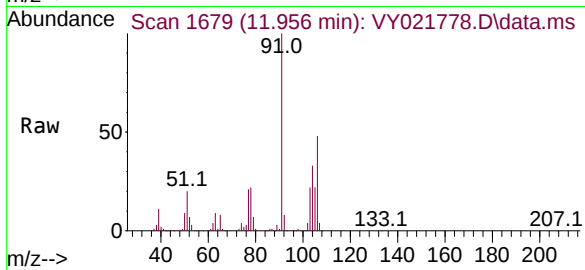




#69
o-Xylene
Concen: 19.805 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

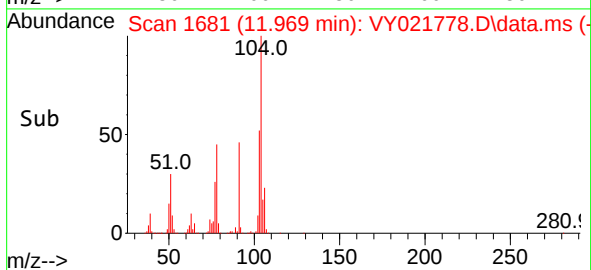
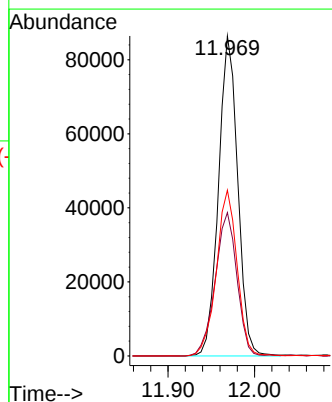
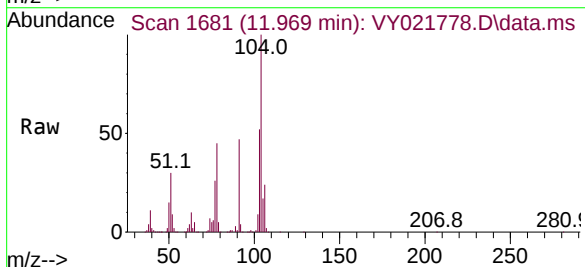
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

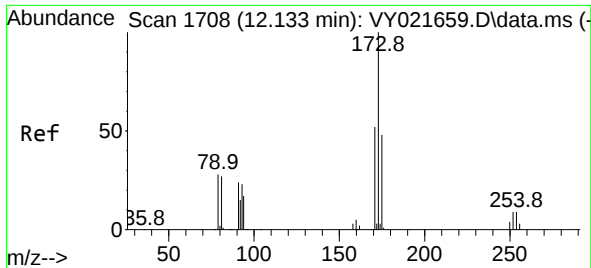
Tgt Ion:106 Resp: 80655
Ion Ratio Lower Upper
106 100
91 210.9 106.7 319.9



#70
Styrene
Concen: 19.637 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:104 Resp: 133338
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 55.8 44.2 66.2

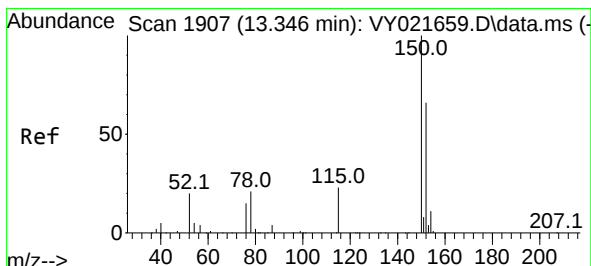
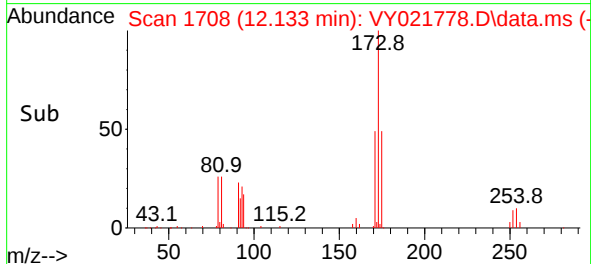
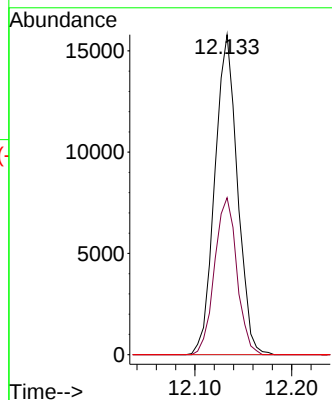
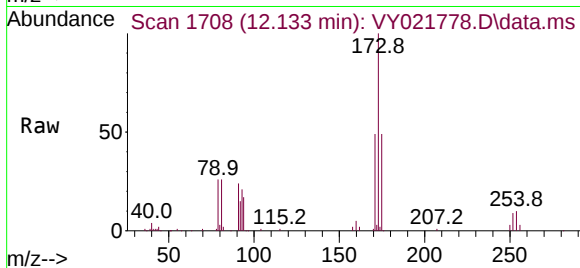




#71
Bromoform
Concen: 18.854 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

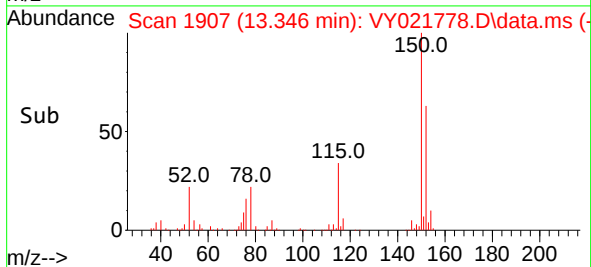
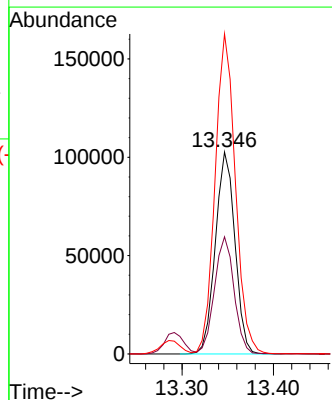
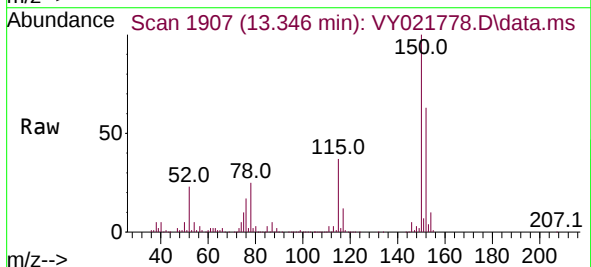
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

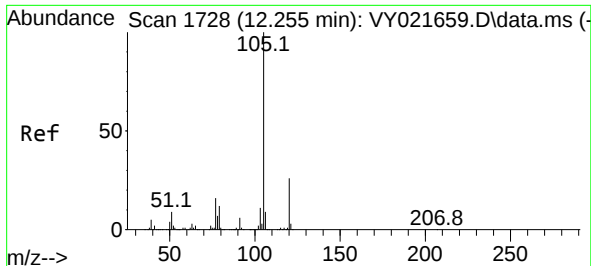
Tgt Ion:173 Resp: 25637
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion:152 Resp: 152811
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 164.2 0.0 348.4

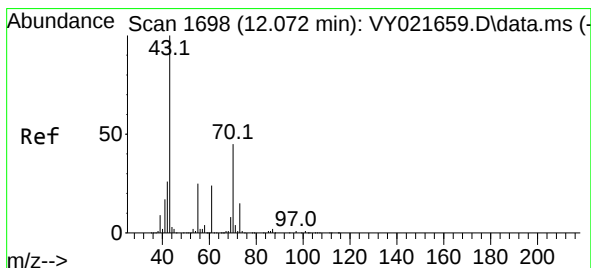
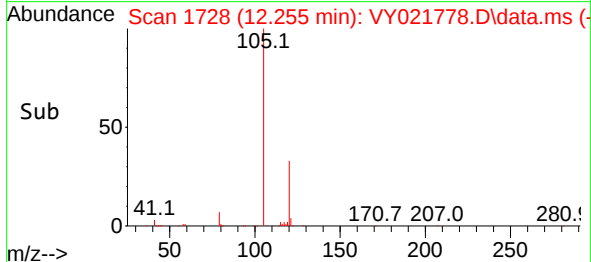
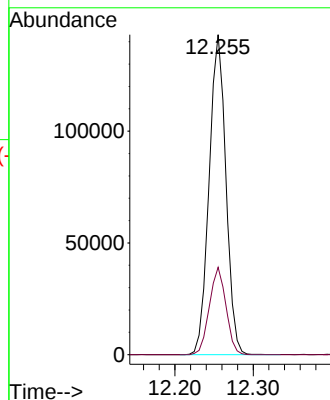
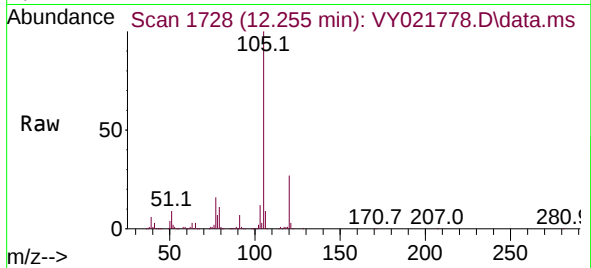




#73
Isopropylbenzene
Concen: 18.738 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

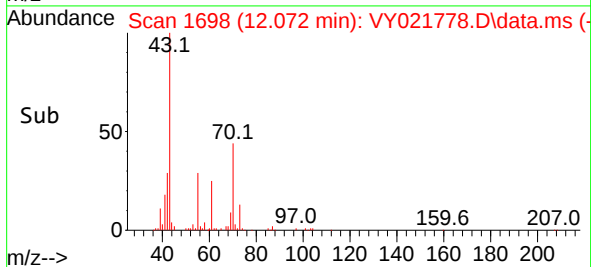
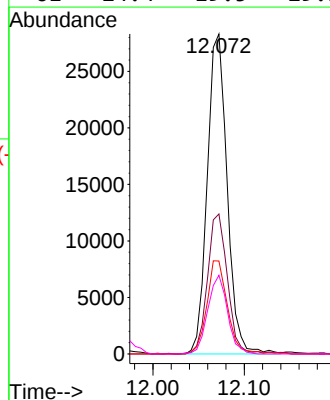
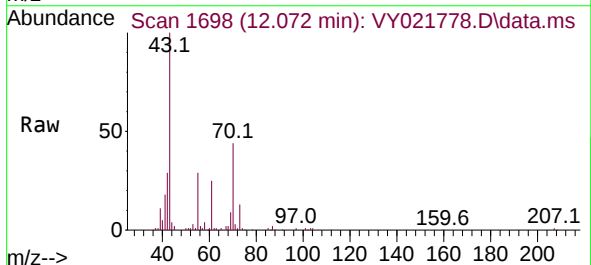
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

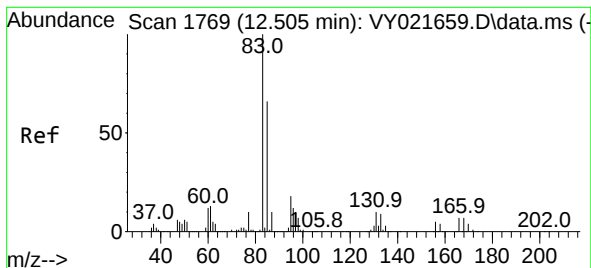
Tgt Ion:105 Resp: 212669
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5



#74
N-ethyl acetate
Concen: 16.060 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 43 Resp: 42780
Ion Ratio Lower Upper
43 100
70 43.8 34.7 52.1
55 30.5 21.2 31.8
61 24.4 19.5 29.3

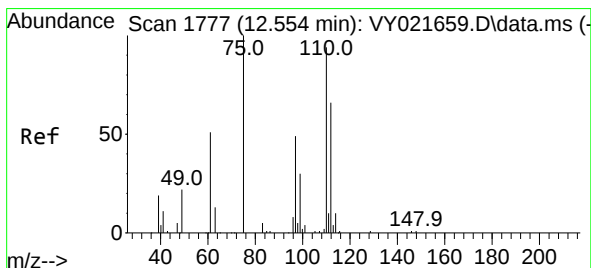
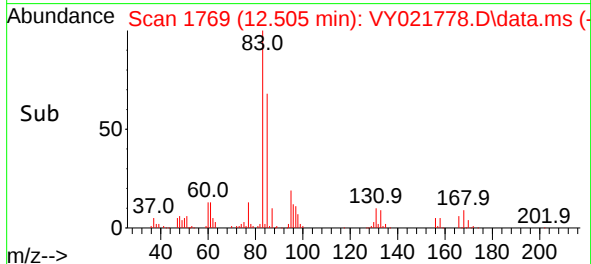
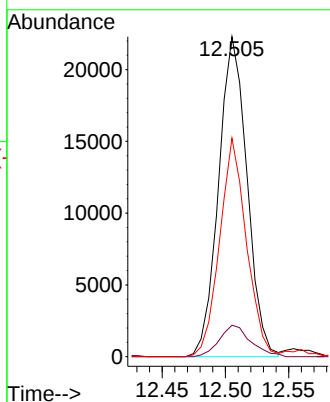
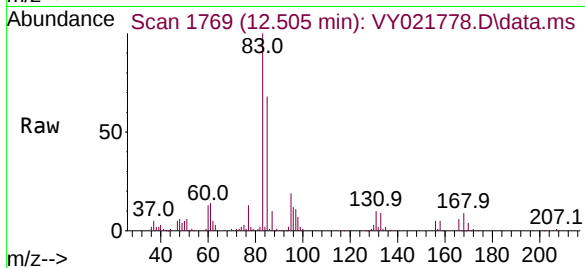




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.080 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

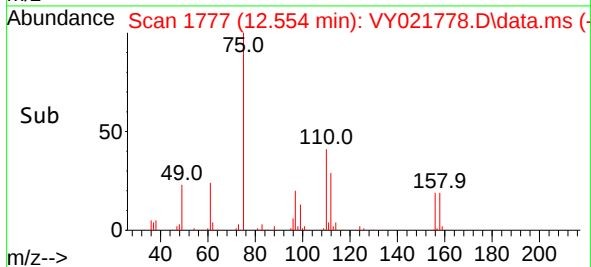
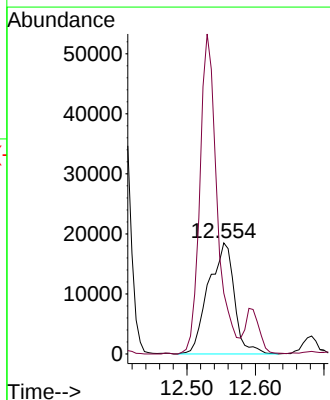
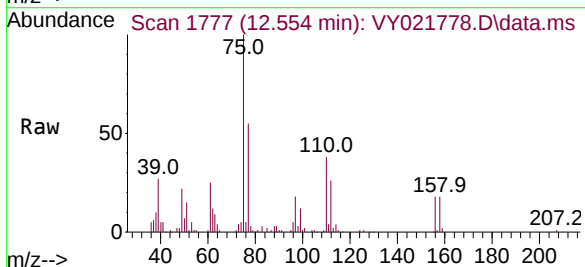
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

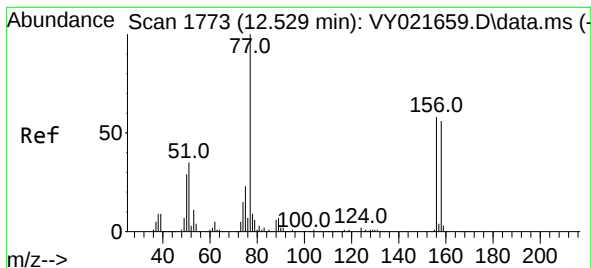
Tgt Ion: 83 Resp: 34853
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.1 15.3
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 31.972 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

Tgt Ion: 75 Resp: 48429
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.024 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

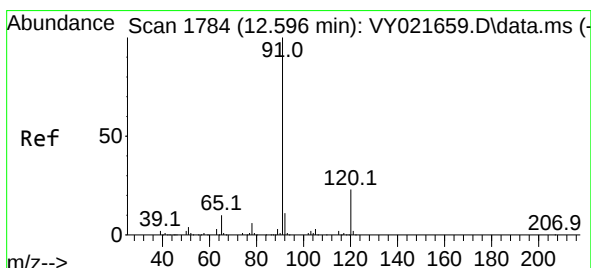
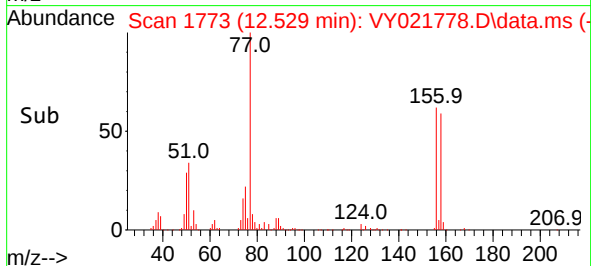
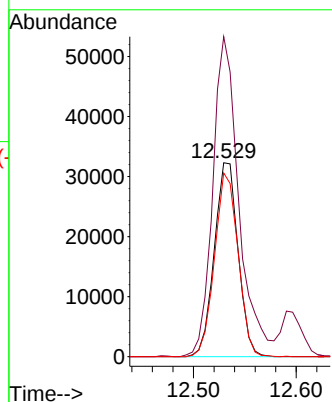
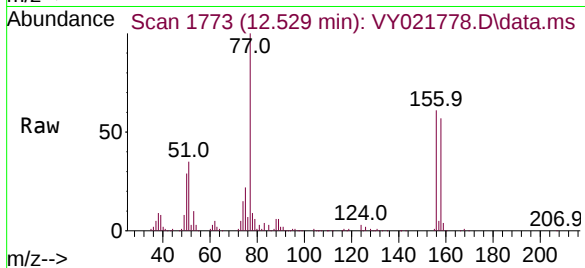
Tgt Ion:156 Resp: 51842

Ion Ratio Lower Upper

156 100

77 181.4 92.8 278.3

158 93.7 48.5 145.6



#78

n-propylbenzene

Concen: 19.496 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021778.D

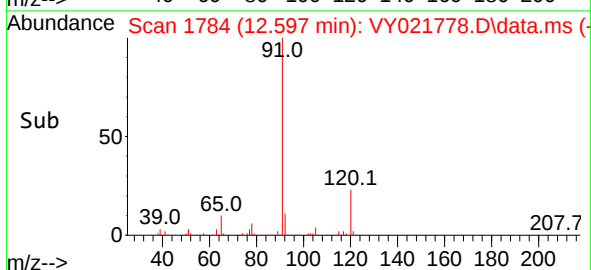
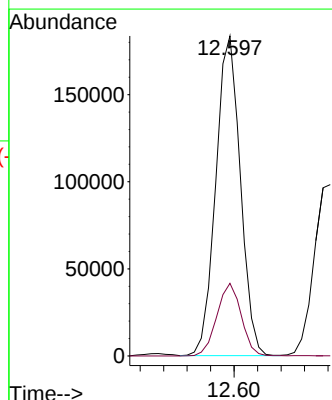
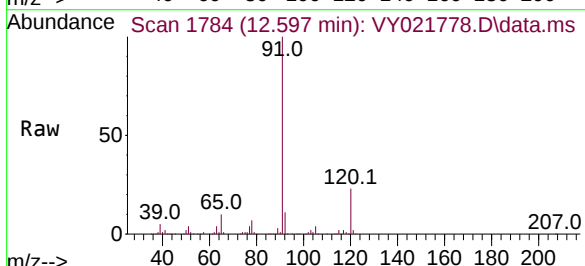
Acq: 04 Apr 2025 10:26

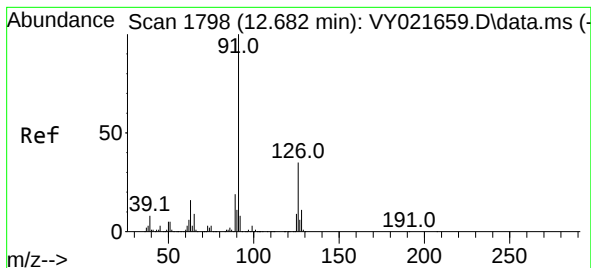
Tgt Ion: 91 Resp: 266033

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

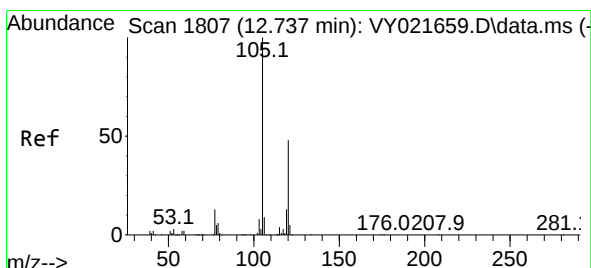
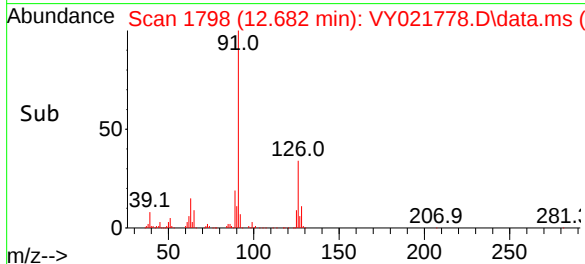
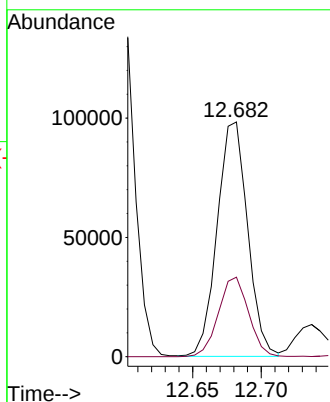
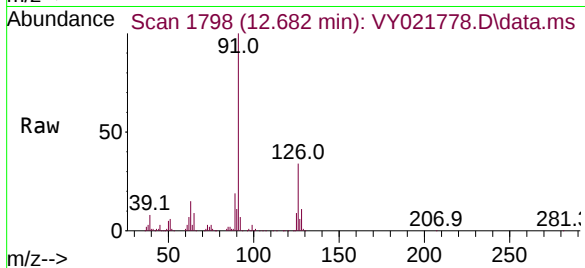




#79
2-Chlorotoluene
Concen: 19.174 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

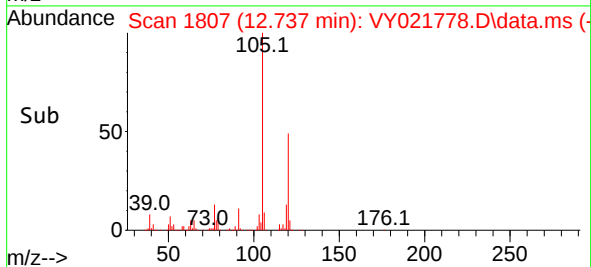
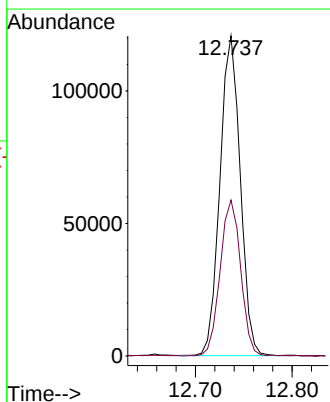
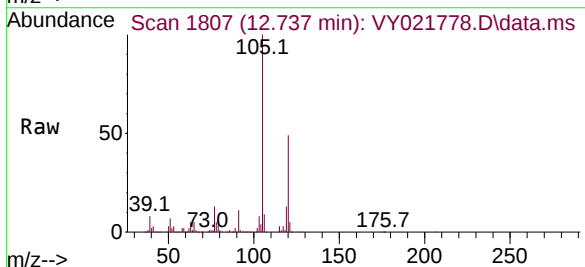
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

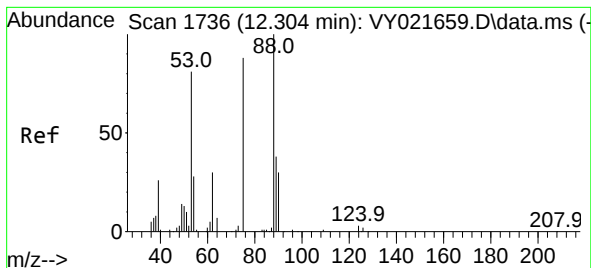
Tgt Ion: 91 Resp: 151959
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 18.945 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 105 Resp: 175739
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

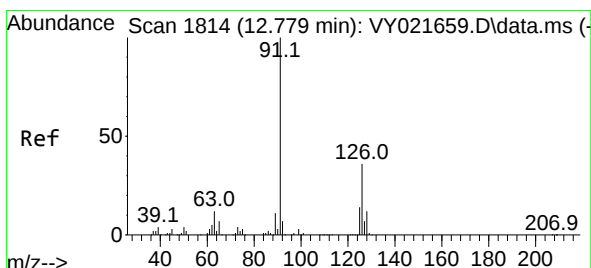
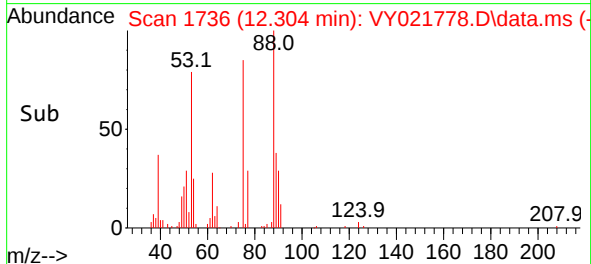
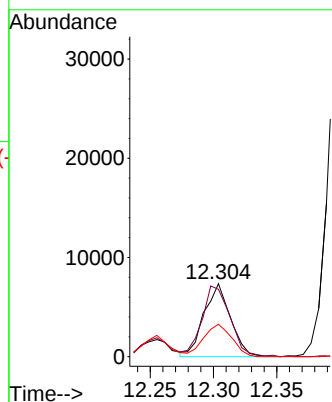
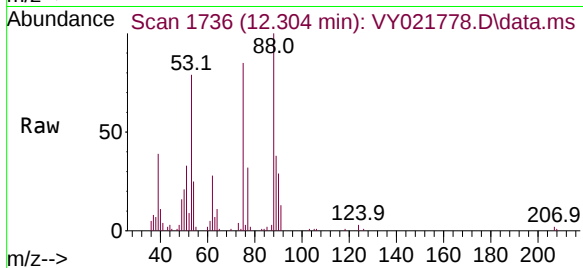




#81
trans-1,4-Dichloro-2-butene
Concen: 16.328 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

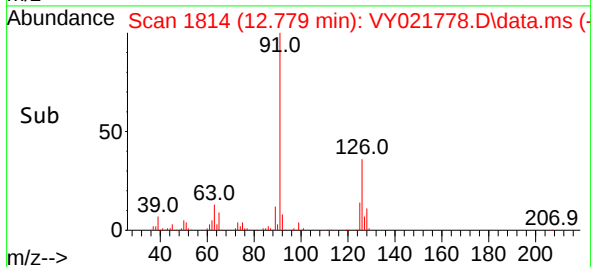
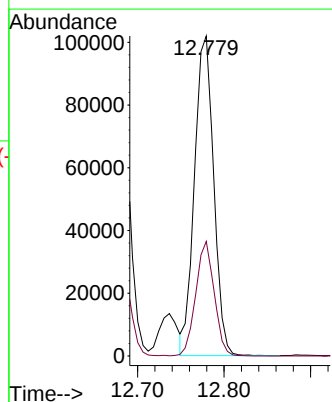
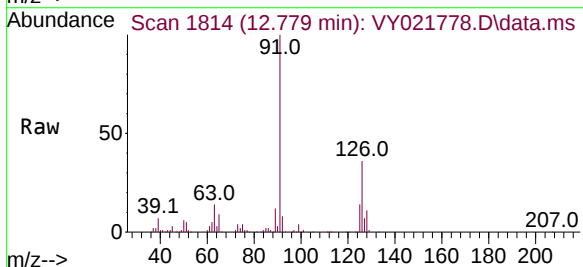
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

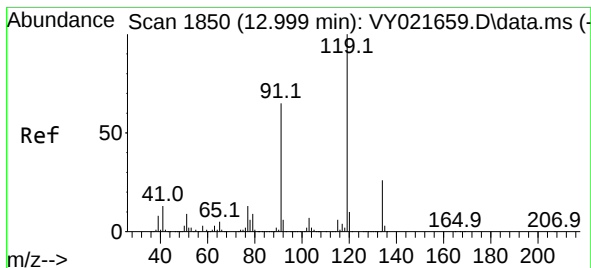
Tgt Ion: 75 Resp: 10734
Ion Ratio Lower Upper
75 100
53 103.1 76.1 114.1
89 46.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.006 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021778.D
Acq: 04 Apr 2025 10:26

Tgt Ion: 91 Resp: 157038
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.633 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

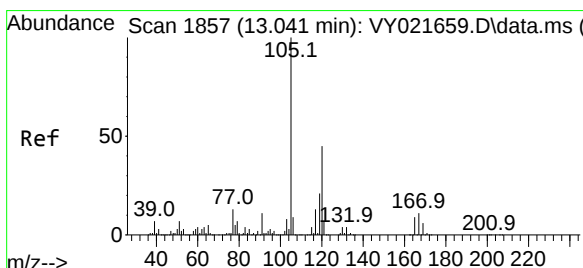
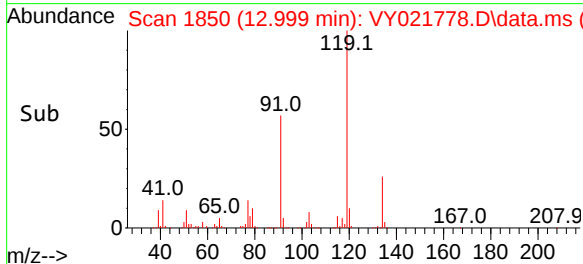
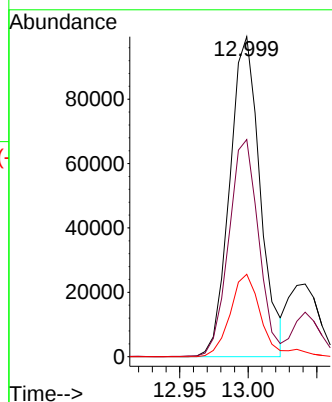
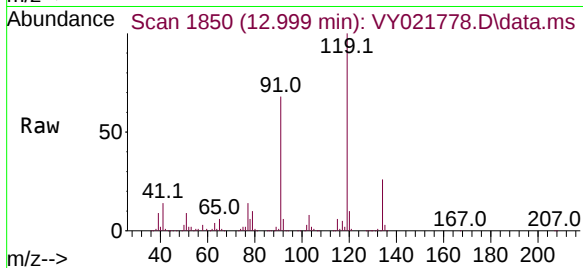
Tgt Ion:119 Resp: 153946

Ion Ratio Lower Upper

119 100

91 66.8 32.6 97.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.171 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021778.D

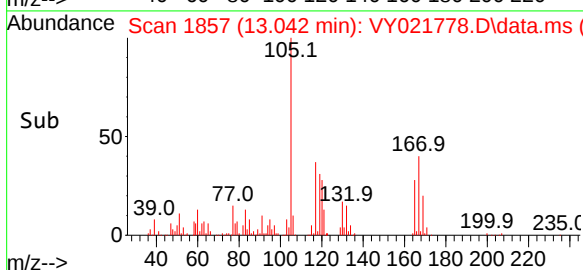
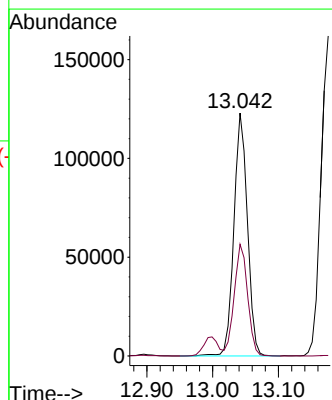
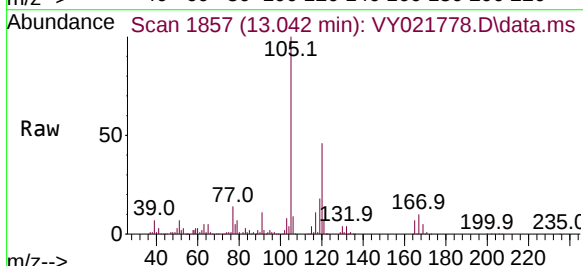
Acq: 04 Apr 2025 10:26

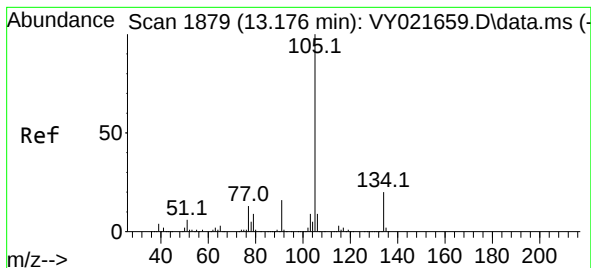
Tgt Ion:105 Resp: 175765

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.380 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

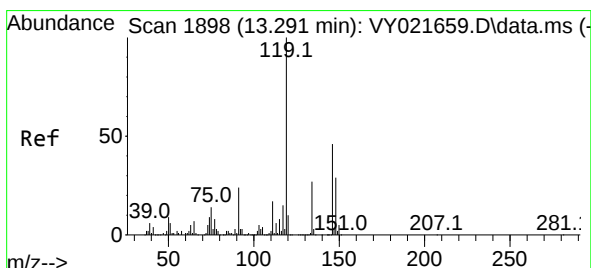
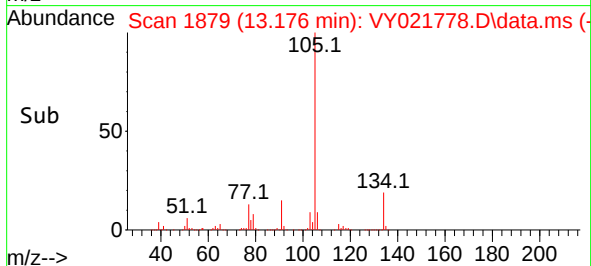
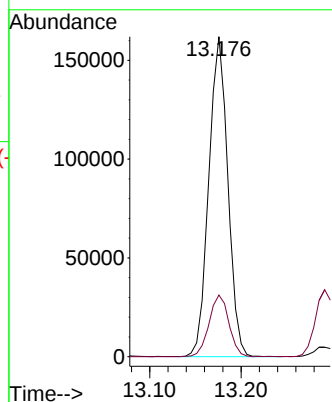
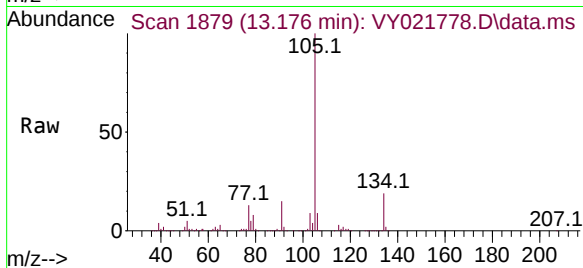
VY0404SBS01

Tgt Ion:105 Resp: 233999

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.362 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

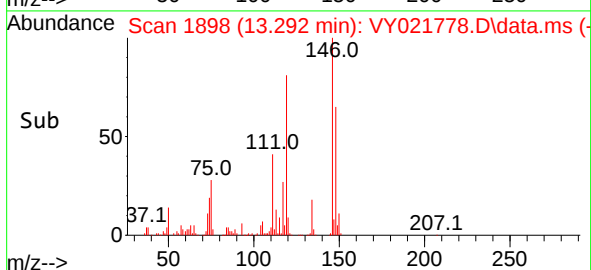
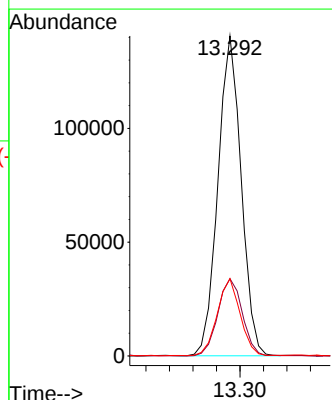
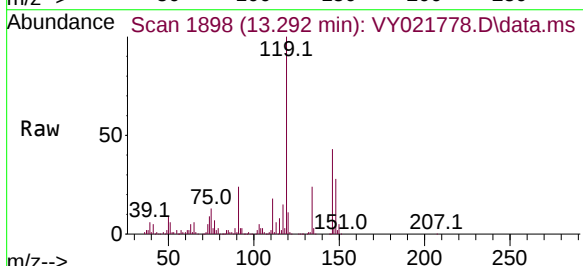
Tgt Ion:119 Resp: 193222

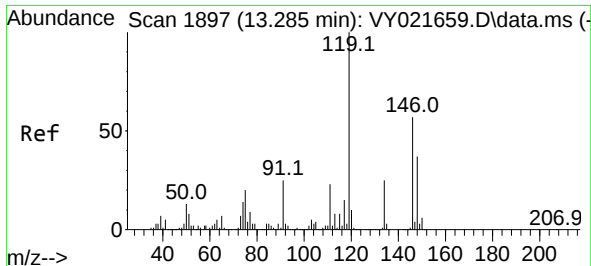
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 23.7 12.0 36.0

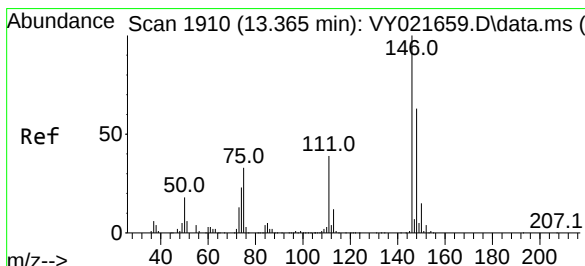
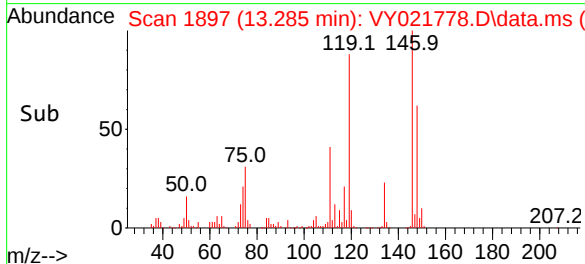
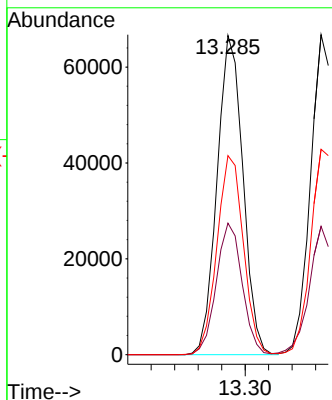
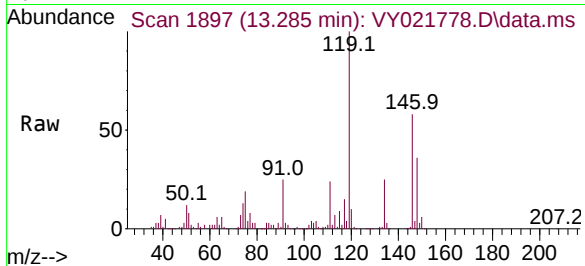




#87
 1,3-Dichlorobenzene
 Concen: 18.993 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

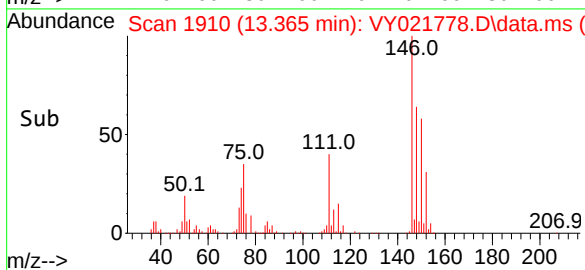
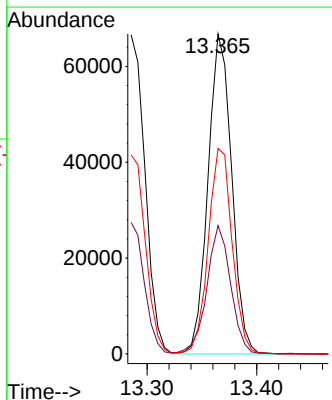
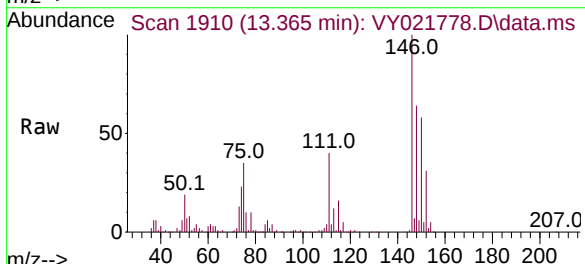
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

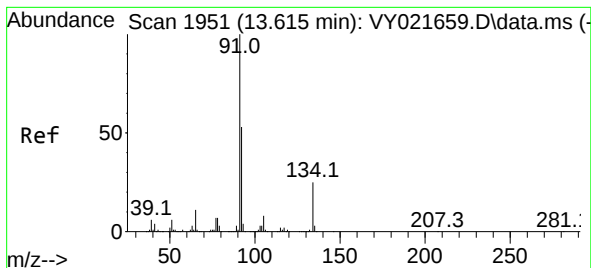
Tgt Ion:146 Resp: 101973
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 60.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.898 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021778.D
 Acq: 04 Apr 2025 10:26

Tgt Ion:146 Resp: 100243
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.1 57.1
 148 64.9 31.5 94.5





#89

n-Butylbenzene

Concen: 19.102 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

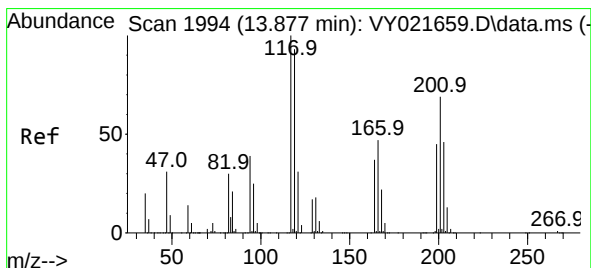
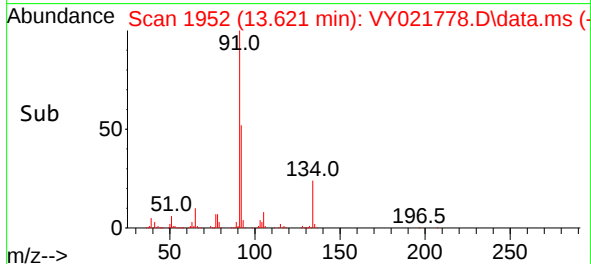
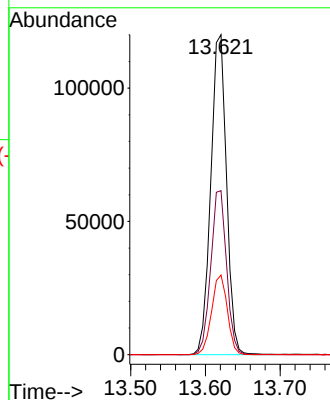
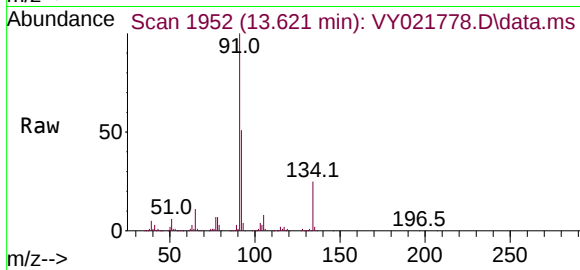
Tgt Ion: 91 Resp: 176297

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 24.8 12.8 38.4



#90

Hexachloroethane

Concen: 19.280 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021778.D

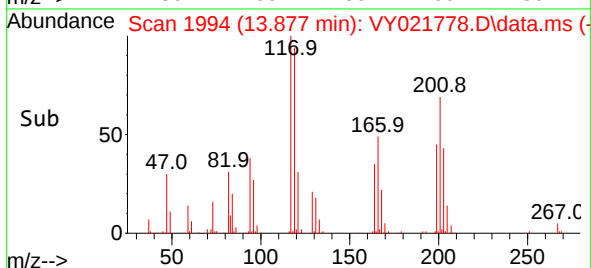
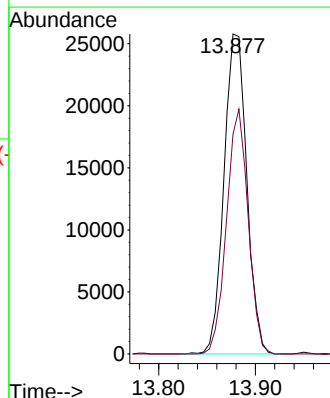
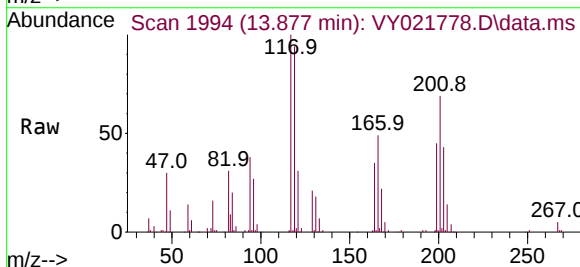
Acq: 04 Apr 2025 10:26

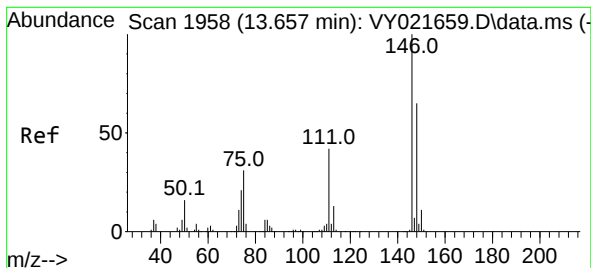
Tgt Ion: 117 Resp: 42163

Ion Ratio Lower Upper

117 100

201 72.7 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 19.105 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

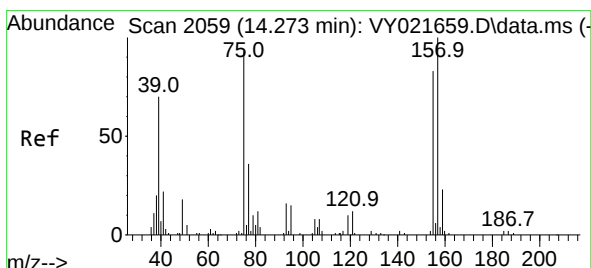
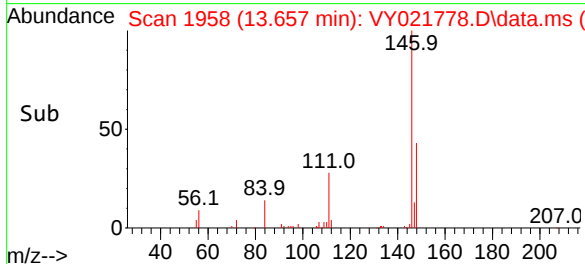
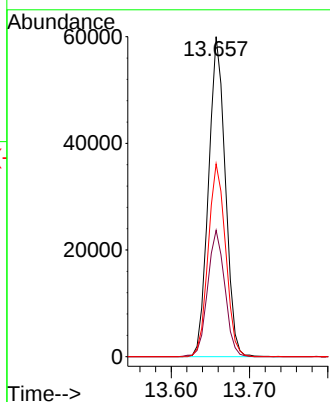
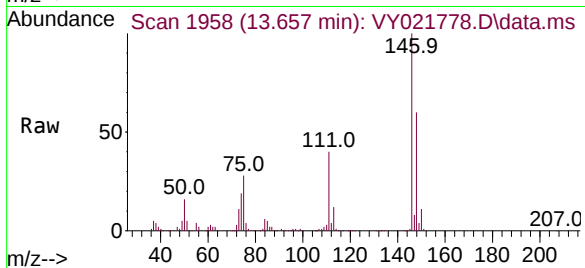
Tgt Ion:146 Resp: 89291

Ion Ratio Lower Upper

146 100

111 40.4 20.7 62.1

148 62.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.494 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

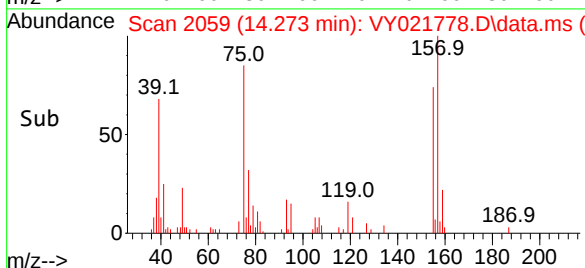
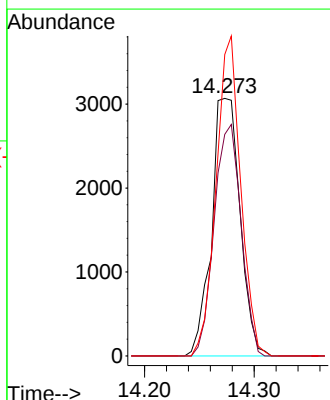
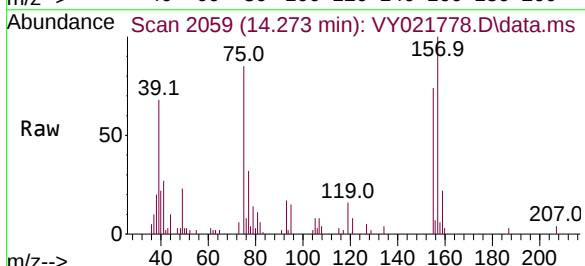
Tgt Ion: 75 Resp: 5533

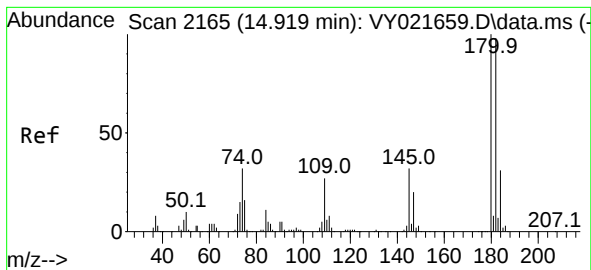
Ion Ratio Lower Upper

75 100

155 85.2 43.0 128.8

157 107.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.892 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

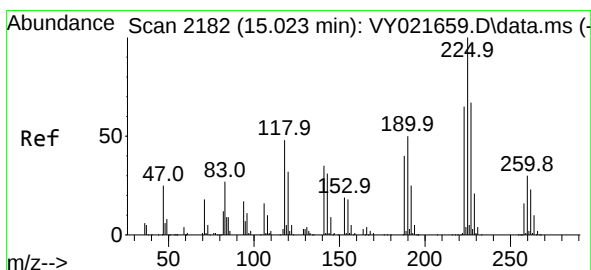
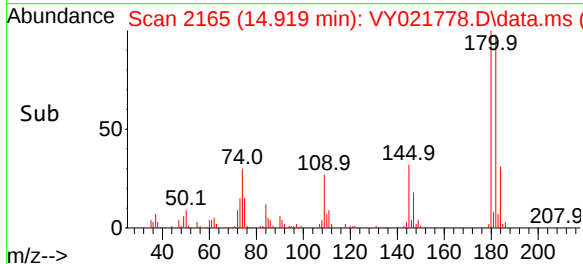
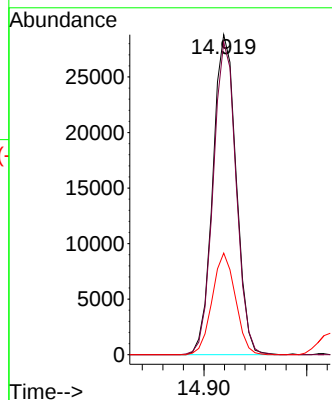
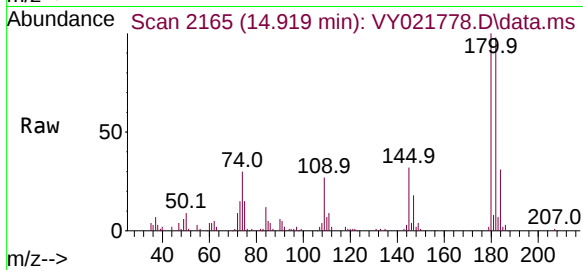
Tgt Ion:180 Resp: 45347

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 31.7 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.201 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

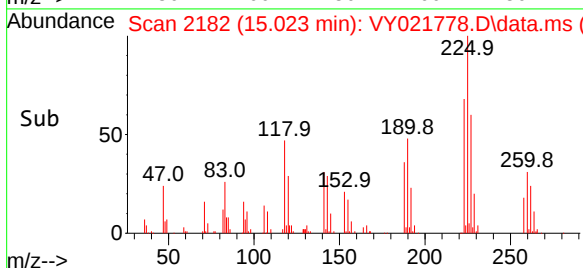
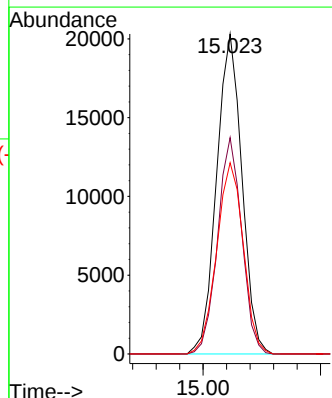
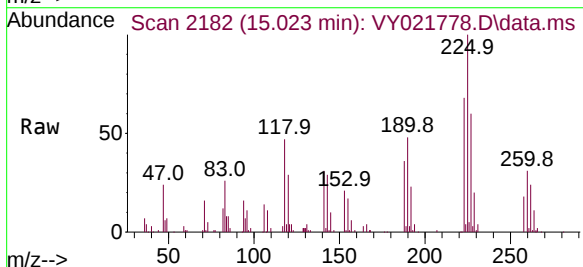
Tgt Ion:225 Resp: 30393

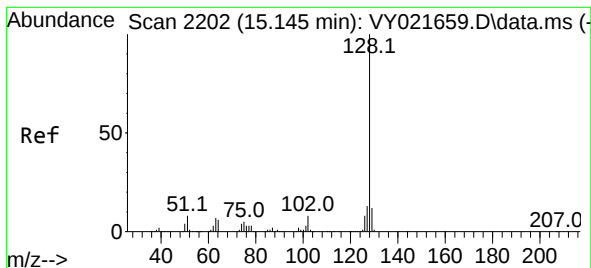
Ion Ratio Lower Upper

225 100

223 64.4 31.9 95.7

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 15.803 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

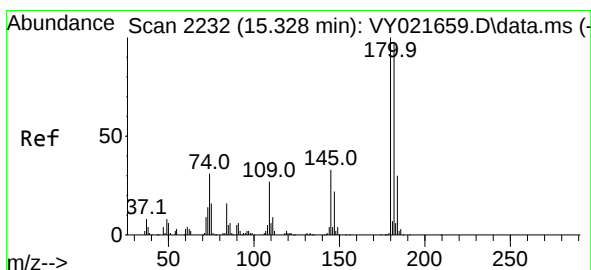
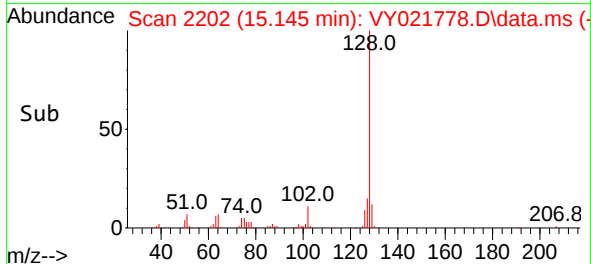
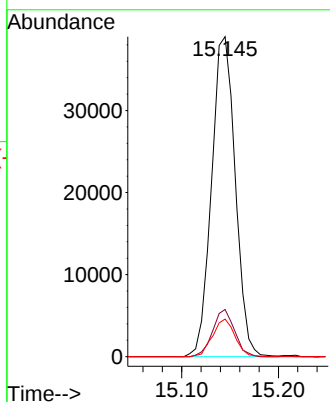
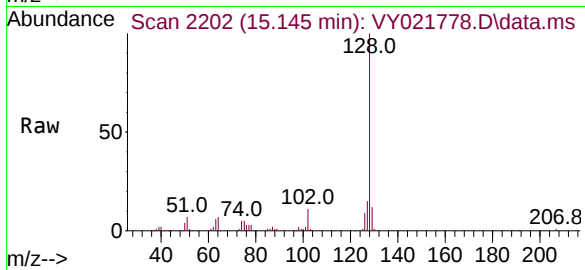
Tgt Ion:128 Resp: 66390

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.723 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021778.D

Acq: 04 Apr 2025 10:26

Tgt Ion:180 Resp: 38305

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 33.1 15.9 47.7

