

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021990.D
 Acq On : 24 Apr 2025 09:58
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Quant Time: Apr 25 01:23:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	308432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	439890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	232357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142423	49.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.634	113	153978	48.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.109	98	594509	49.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.408	95	195023	48.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	53395	20.317	ug/l	98
3) Chloromethane	2.068	50	81350	21.739	ug/l	99
4) Vinyl Chloride	2.202	62	93329	20.295	ug/l	97
5) Bromomethane	2.592	94	90394	22.816	ug/l	96
6) Chloroethane	2.733	64	64911	20.726	ug/l	99
7) Trichlorofluoromethane	3.056	101	124944	20.604	ug/l	96
8) Diethyl Ether	3.458	74	32068	20.318	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	65693	19.970	ug/l	99
10) Methyl Iodide	4.001	142	76796	20.164	ug/l	99
11) Tert butyl alcohol	4.885	59	16294	104.179	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	59859	19.523	ug/l	98
13) Acrolein	3.659	56	26908	95.855	ug/l	99
14) Allyl chloride	4.391	41	69273	19.403	ug/l	99
15) Acrylonitrile	5.068	53	59606	103.159	ug/l	98
16) Acetone	3.879	43	42404	100.981	ug/l	95
17) Carbon Disulfide	4.104	76	196136	20.062	ug/l	97
18) Methyl Acetate	4.391	43	28280	21.250	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	138129	20.128	ug/l	98
20) Methylene Chloride	4.616	84	68979	19.148	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	66942	19.495	ug/l	93
22) Diisopropyl ether	6.025	45	162049	20.396	ug/l	97
23) Vinyl Acetate	5.964	43	438629	102.439	ug/l	99
24) 1,1-Dichloroethane	5.921	63	109542	19.891	ug/l	98
25) 2-Butanone	6.896	43	64958	100.028	ug/l	98
26) 2,2-Dichloropropane	6.884	77	96783	20.051	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	76009	19.796	ug/l	99
28) Bromochloromethane	7.244	49	43286	20.236	ug/l	99
29) Tetrahydrofuran	7.268	42	44496	105.497	ug/l	98
30) Chloroform	7.421	83	123350	20.193	ug/l	99
31) Cyclohexane	7.707	56	93030	19.754	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	110573	20.007	ug/l	99
36) 1,1-Dichloropropene	7.835	75	84040	19.731	ug/l	99
37) Ethyl Acetate	6.988	43	31037	20.289	ug/l	97
38) Carbon Tetrachloride	7.817	117	101137	19.872	ug/l	98
39) Methylcyclohexane	9.110	83	103178	19.250	ug/l	99
40) Benzene	8.079	78	266686	20.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15719	18.798	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	68984	20.927	ug/l	99
43) Isopropyl Acetate	8.201	43	59535	20.266	ug/l	98
44) Trichloroethene	8.866	130	73865	20.029	ug/l	100
45) 1,2-Dichloropropane	9.140	63	59834	20.321	ug/l	93
46) Dibromomethane	9.231	93	38440	20.856	ug/l	97
47) Bromodichloromethane	9.427	83	92353	20.057	ug/l	100
48) Methyl methacrylate	9.219	41	27665	20.371	ug/l	97
49) 1,4-Dioxane	9.244	88	8086	411.606	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	161173	104.660	ug/l	99
52) Toluene	10.170	92	174374	20.233	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	80167	20.298	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	93198	19.851	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	51923	21.090	ug/l	97
56) Ethyl methacrylate	10.439	69	55104	19.572	ug/l	99
57) 1,3-Dichloropropane	10.719	76	80416	20.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	141510	102.798	ug/l	98
59) 2-Hexanone	10.762	43	106792	105.137	ug/l	98
60) Dibromochloromethane	10.914	129	70069	20.556	ug/l	100
61) 1,2-Dibromoethane	11.018	107	48281	20.772	ug/l	98
64) Tetrachloroethene	10.646	164	82408	19.858	ug/l	99
65) Chlorobenzene	11.444	112	194712	19.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	69330	20.019	ug/l	99
67) Ethyl Benzene	11.518	91	310924	19.322	ug/l	99
68) m/p-Xylenes	11.627	106	252914	39.497	ug/l	99
69) o-Xylene	11.957	106	114348	19.375	ug/l	100
70) Styrene	11.969	104	195230	19.702	ug/l	99
71) Bromoform	12.133	173	40540	20.134	ug/l #	98
73) Isopropylbenzene	12.255	105	298059	19.200	ug/l	98
74) N-amyl acetate	12.072	43	51733	19.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	54499	20.823	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	71329	35.839	ug/l #	100
77) Bromobenzene	12.530	156	78623	20.043	ug/l	99
78) n-propylbenzene	12.597	91	363025	19.637	ug/l	100
79) 2-Chlorotoluene	12.682	91	210369	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	250705	19.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16797	20.324	ug/l	98
82) 4-Chlorotoluene	12.780	91	227754	20.378	ug/l	100
83) tert-Butylbenzene	12.999	119	220527	19.224	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	253585	19.821	ug/l	98
85) sec-Butylbenzene	13.176	105	327384	19.503	ug/l	100
86) p-Isopropyltoluene	13.292	119	274567	19.262	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	156939	19.698	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	156216	19.798	ug/l	99
89) n-Butylbenzene	13.615	91	239124	18.768	ug/l	99
90) Hexachloroethane	13.877	117	59923	19.134	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	135878	19.554	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8269	19.858	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	73724	18.723	ug/l	100
94) Hexachlorobutadiene	15.023	225	46684	19.269	ug/l	98
95) Naphthalene	15.145	128	120616	18.439	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64827	19.072	ug/l	98

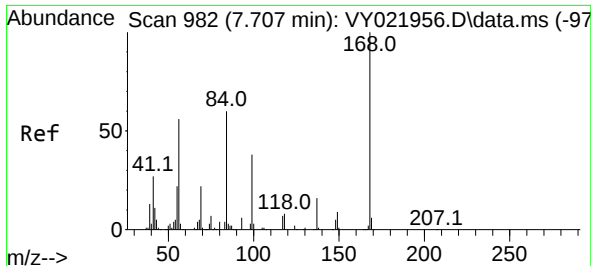
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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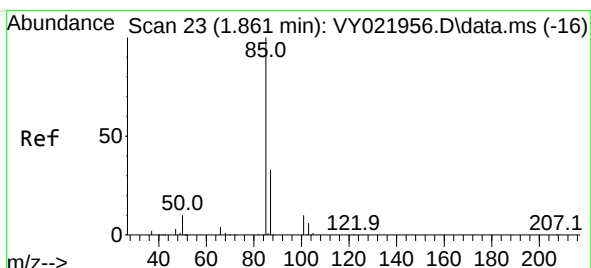
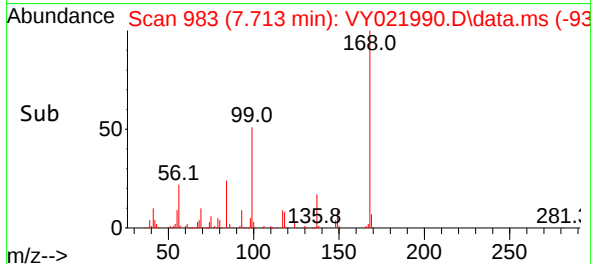
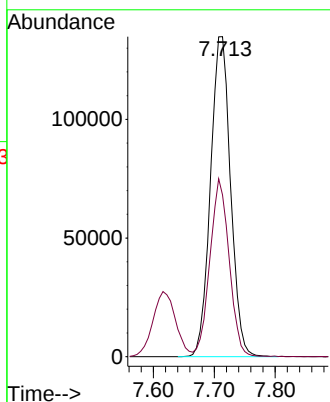
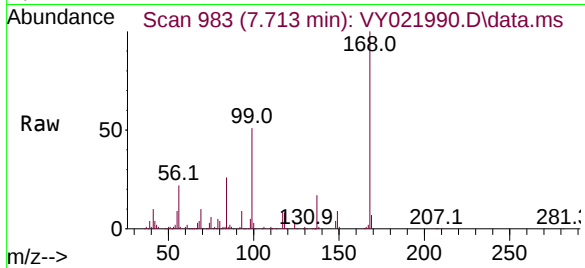
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

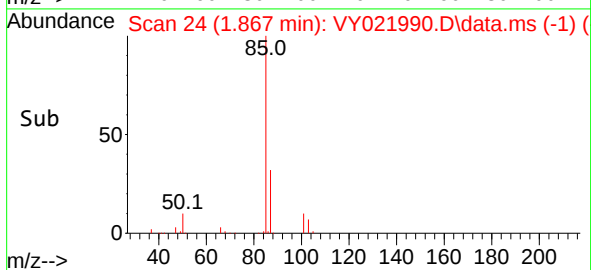
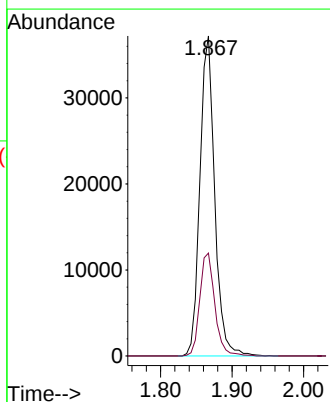
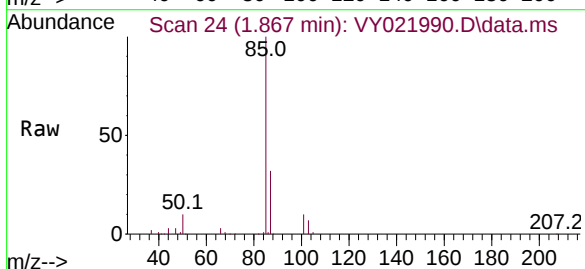
Instrument :
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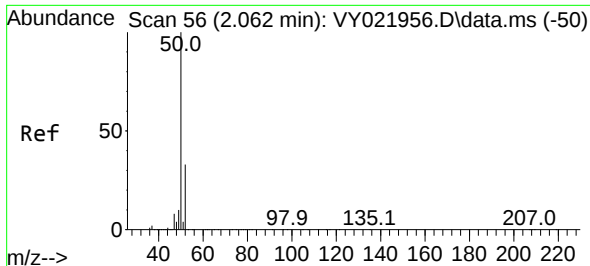
Tgt Ion:168 Resp: 308432
Ion Ratio Lower Upper
168 100
99 50.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 20.317 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 85 Resp: 53395
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7

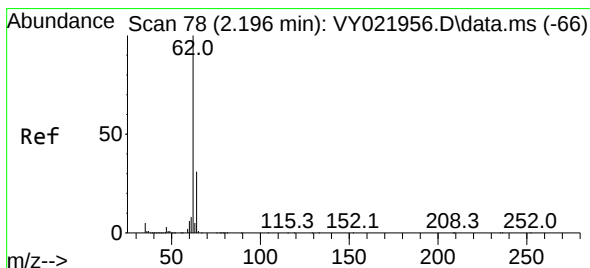
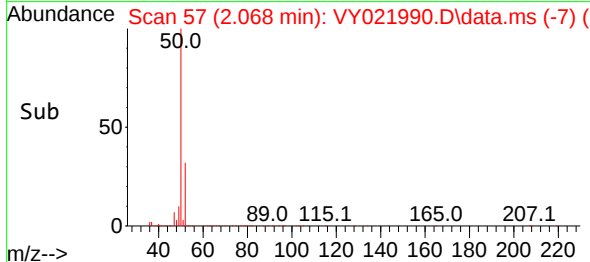
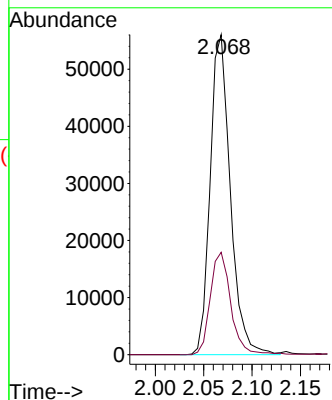
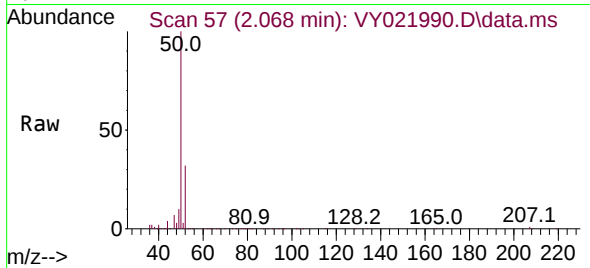




#3
Chloromethane
Concen: 21.739 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

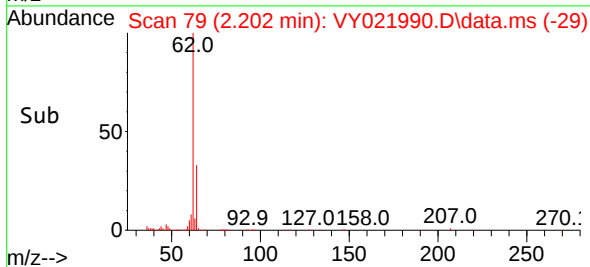
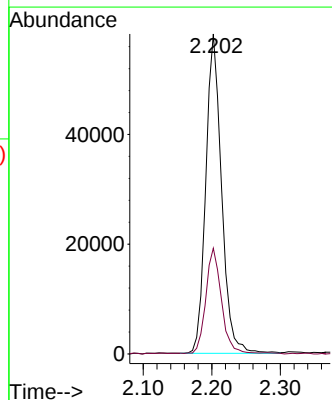
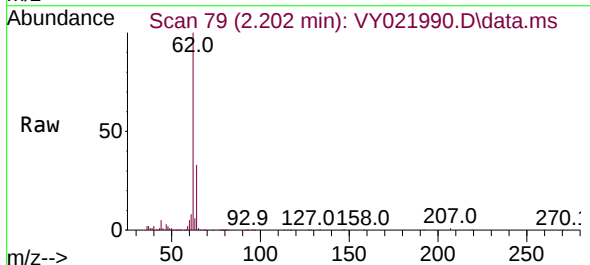
Instrument :
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ClientSampleId :
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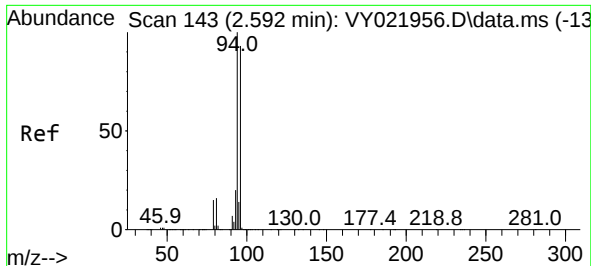
Tgt Ion: 50 Resp: 81350
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 20.295 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 62 Resp: 93329
Ion Ratio Lower Upper
62 100
64 32.9 25.1 37.7

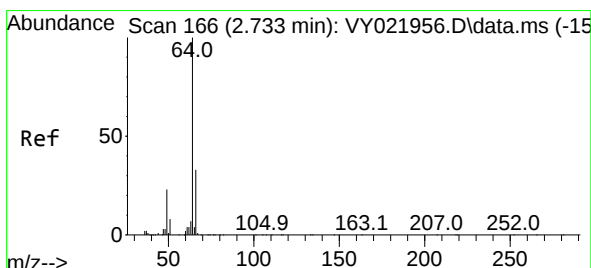
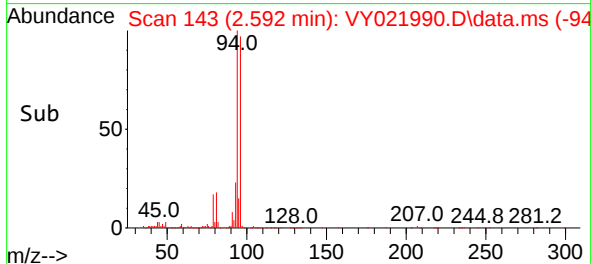
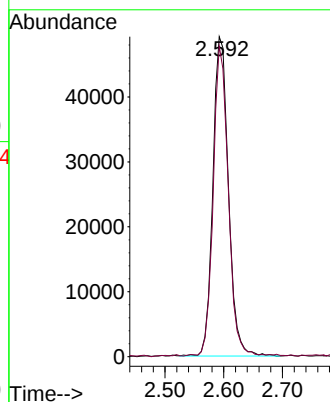
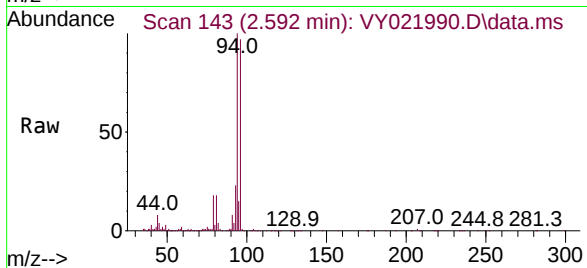




#5
Bromomethane
Concen: 22.816 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

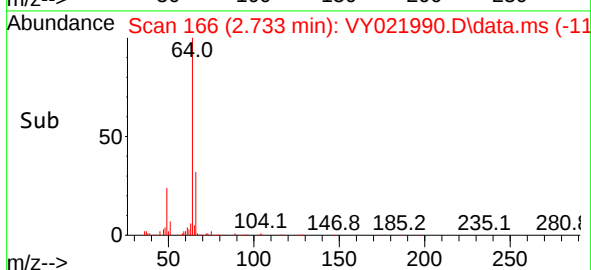
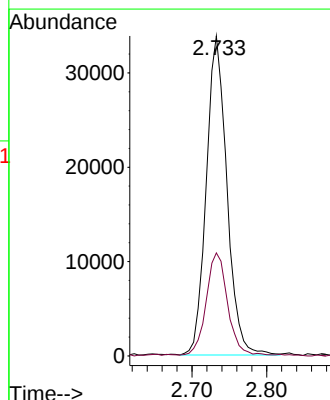
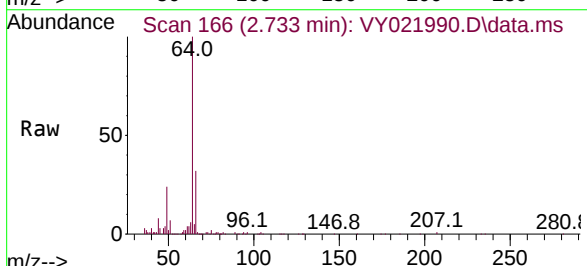
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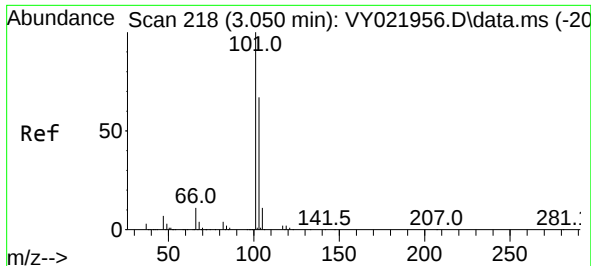
Tgt Ion: 94 Resp: 90394
Ion Ratio Lower Upper
94 100
96 97.0 74.6 111.8



#6
Chloroethane
Concen: 20.726 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 64 Resp: 64911
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

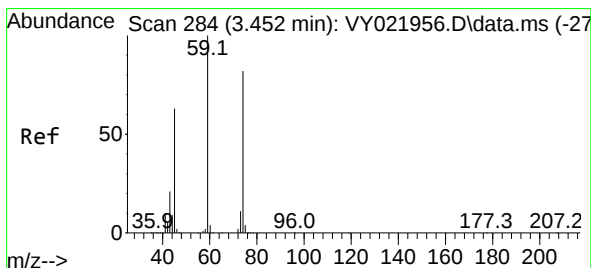
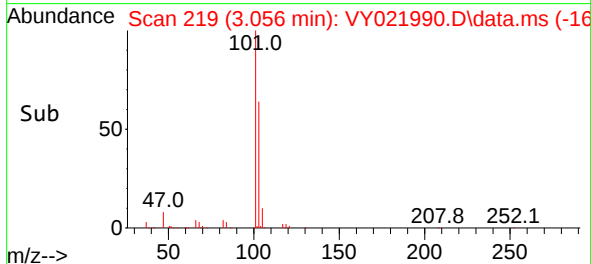
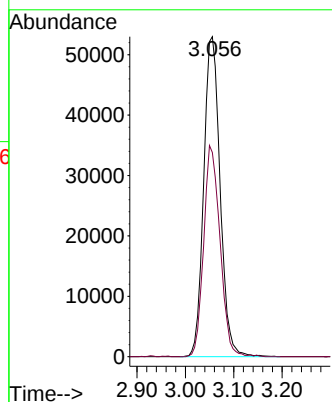
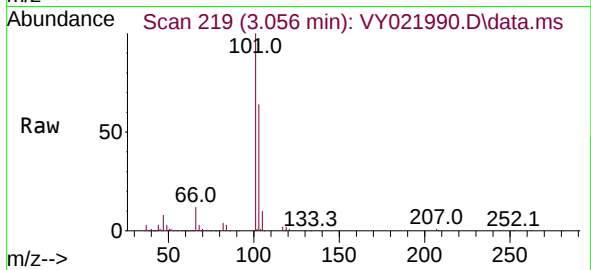




#7
Trichlorofluoromethane
Concen: 20.604 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

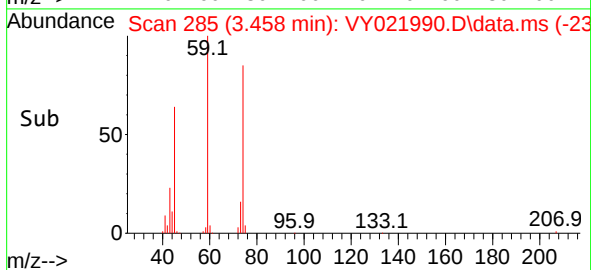
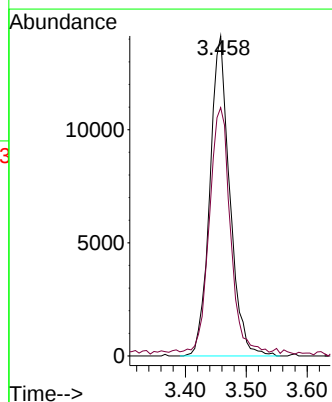
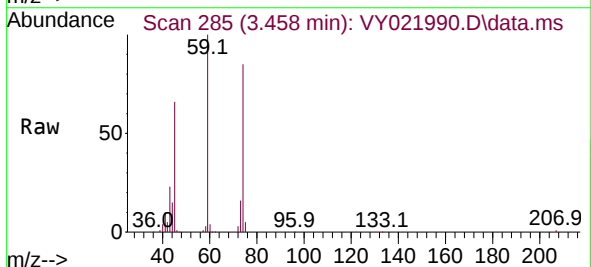
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

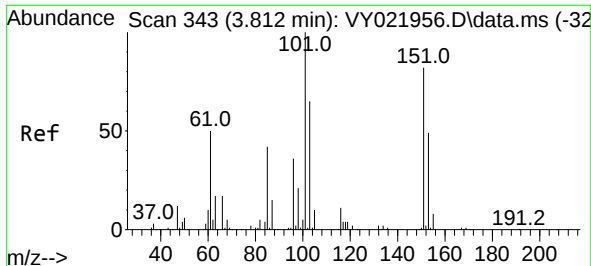
Tgt Ion:101 Resp: 124944
Ion Ratio Lower Upper
101 100
103 63.8 53.6 80.4



#8
Diethyl Ether
Concen: 20.318 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 74 Resp: 32068
Ion Ratio Lower Upper
74 100
45 79.5 39.1 117.5

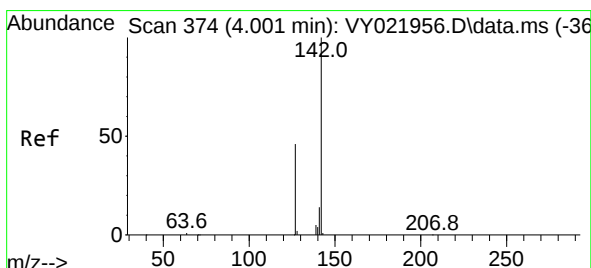
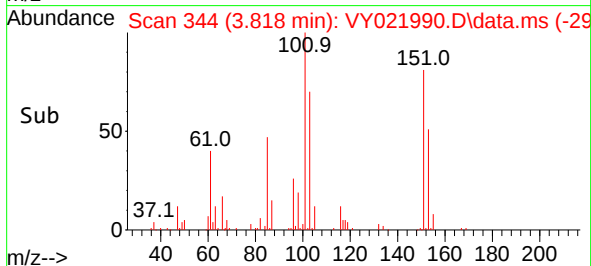
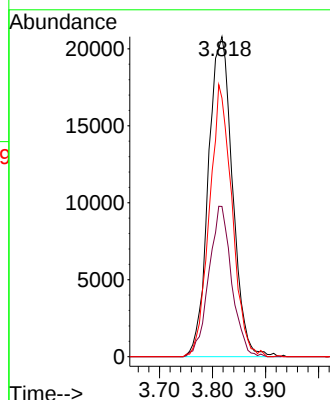
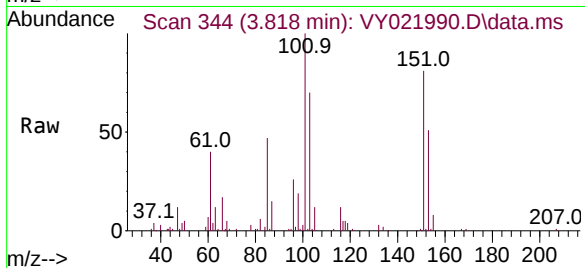




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.970 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

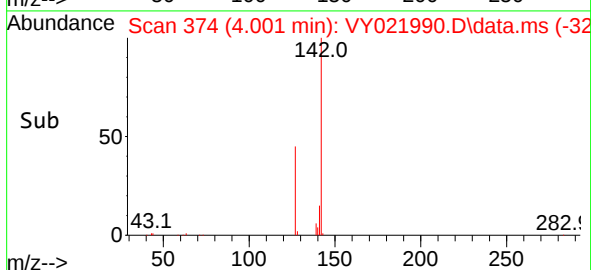
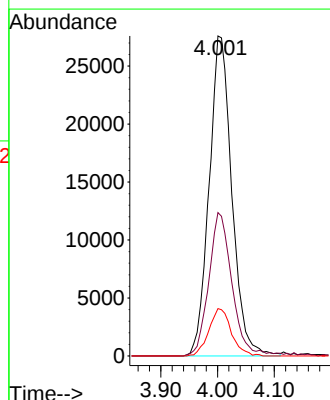
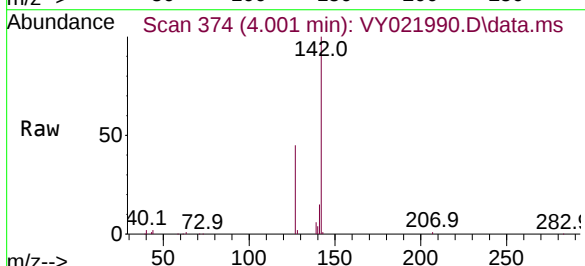
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

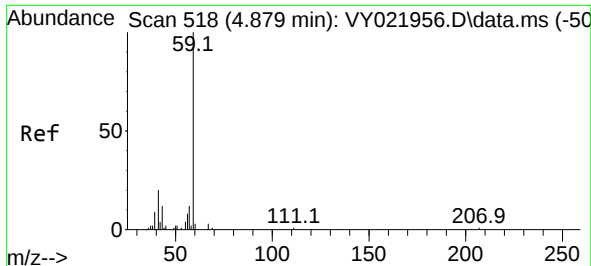
Tgt Ion:101 Resp: 65693
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 79.3 63.7 95.5



#10
Methyl Iodide
Concen: 20.164 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion:142 Resp: 76796
Ion Ratio Lower Upper
142 100
127 45.7 36.2 54.2
141 14.6 11.7 17.5

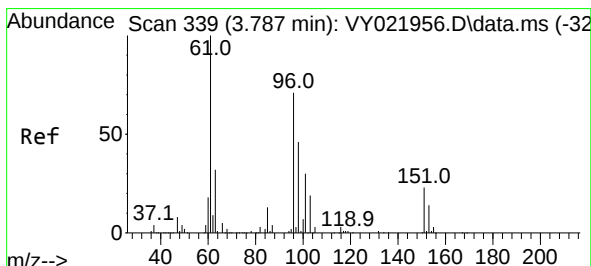
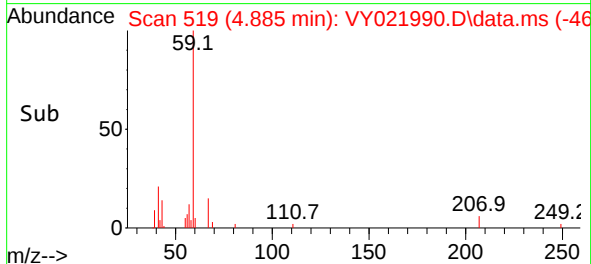
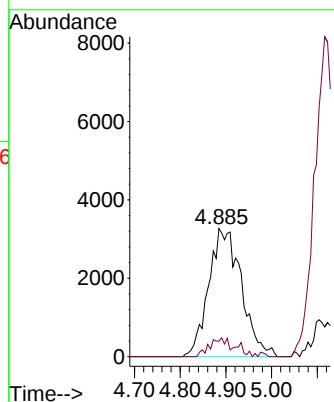
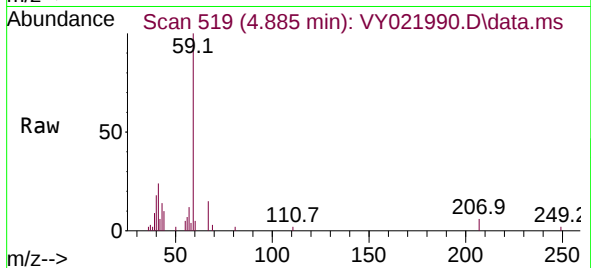




#11
Tert butyl alcohol
Concen: 104.179 ug/l
RT: 4.885 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

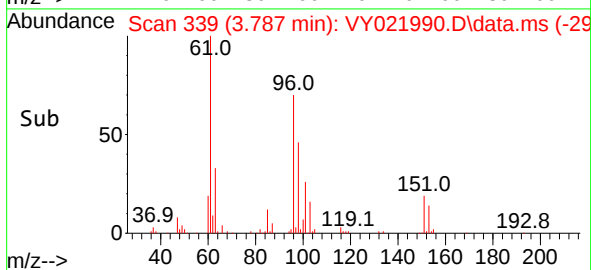
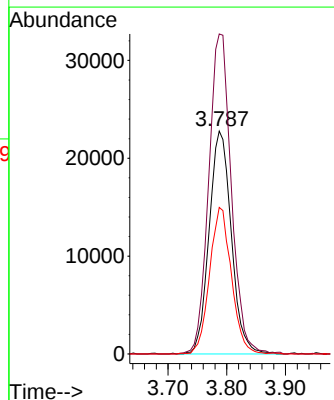
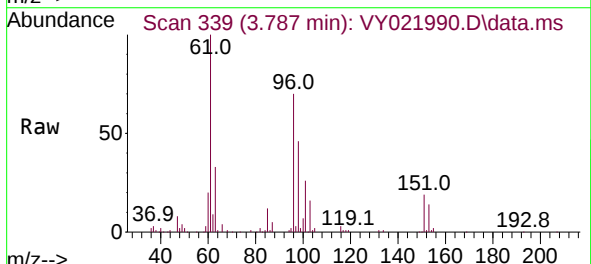
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

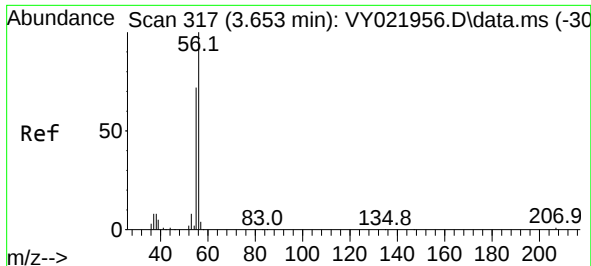
Tgt Ion: 59 Resp: 16294
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 19.523 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 96 Resp: 59859
Ion Ratio Lower Upper
96 100
61 143.3 113.0 169.4
98 65.5 51.4 77.2





#13

Acrolein

Concen: 95.855 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

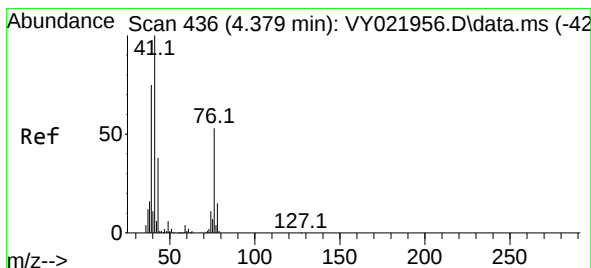
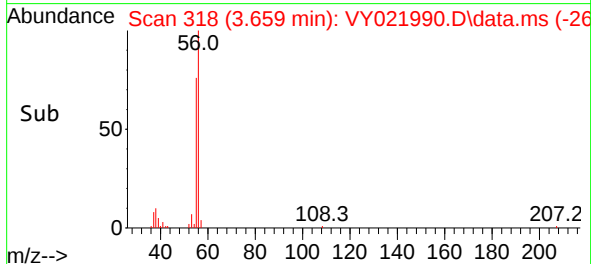
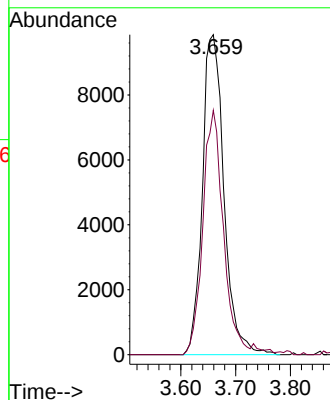
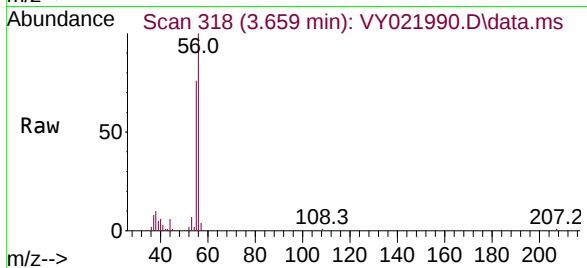
VY0424SBS01

Tgt Ion: 56 Resp: 26908

Ion Ratio Lower Upper

56 100

55 72.4 57.4 86.0



#14

Allyl chloride

Concen: 19.403 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

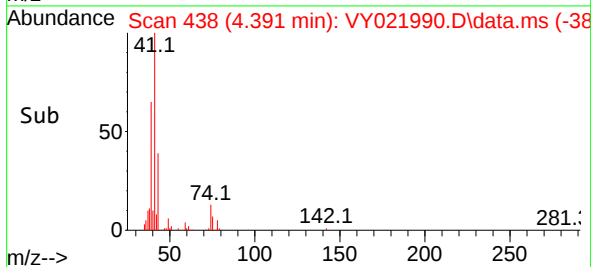
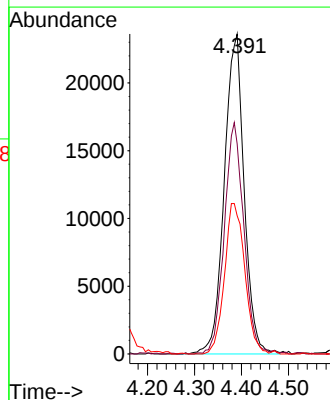
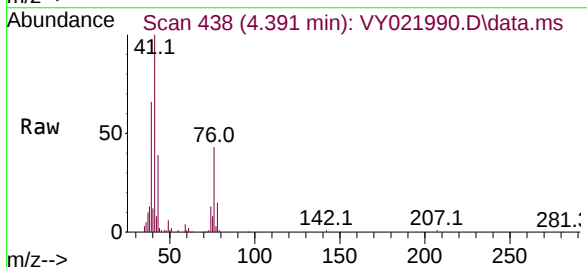
Tgt Ion: 41 Resp: 69273

Ion Ratio Lower Upper

41 100

39 71.4 57.2 85.8

76 48.1 39.7 59.5

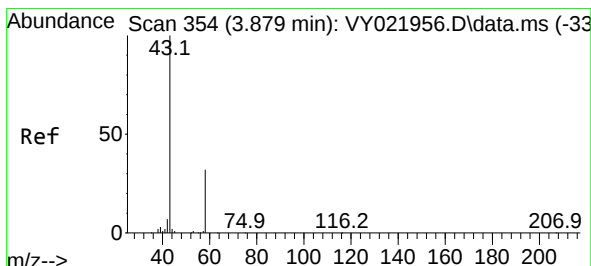
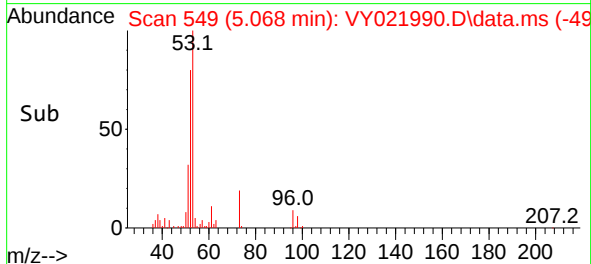
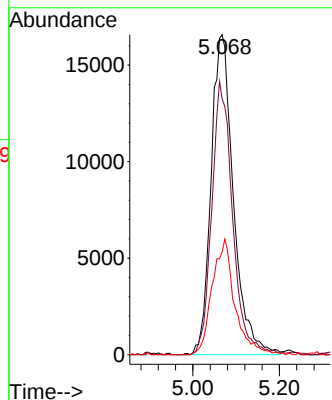
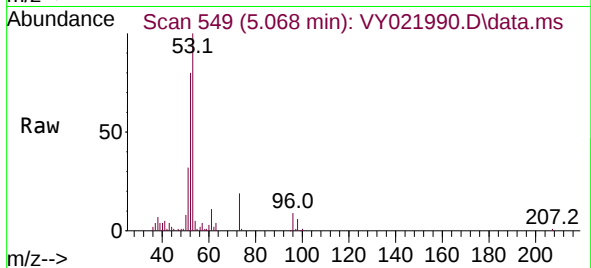




#15
Acrylonitrile
Concen: 103.159 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

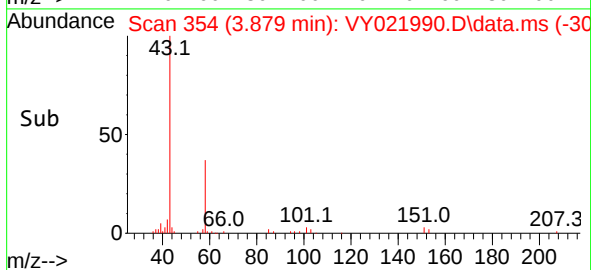
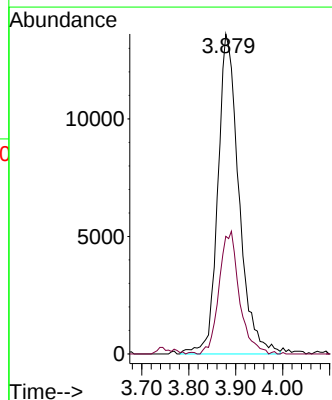
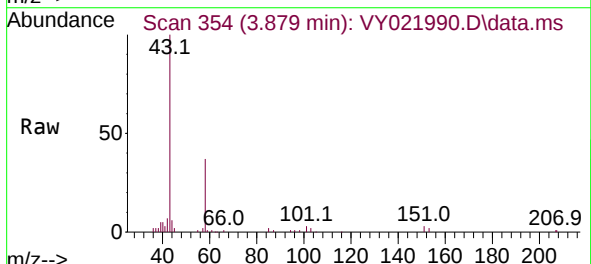
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

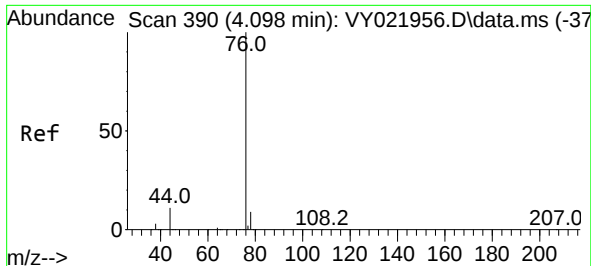
Tgt Ion: 53	Resp:	59606
Ion	Ratio	Lower Upper
53	100	
52	79.6	65.0 97.6
51	36.4	28.9 43.3



#16
Acetone
Concen: 100.981 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 43	Resp:	42404
Ion	Ratio	Lower Upper
43	100	
58	36.8	27.0 40.4

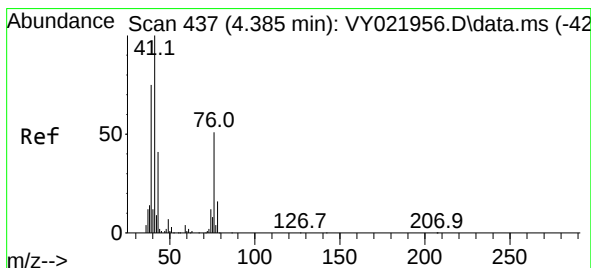
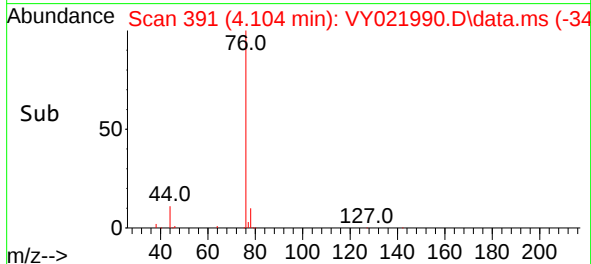
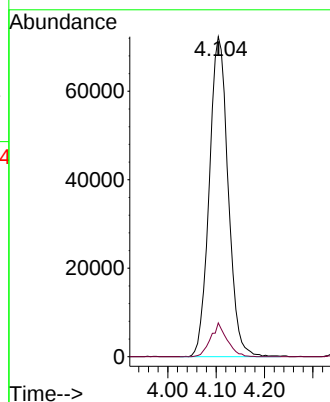
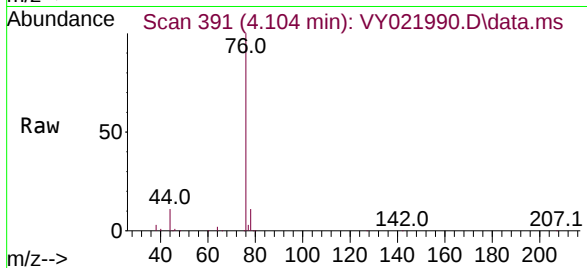




#17
Carbon Disulfide
Concen: 20.062 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

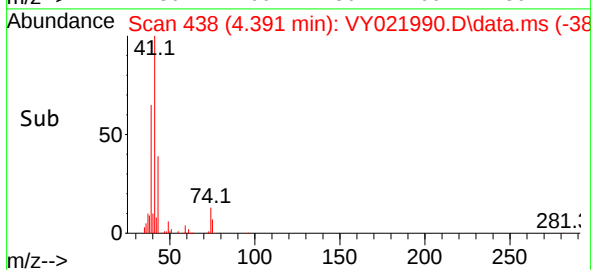
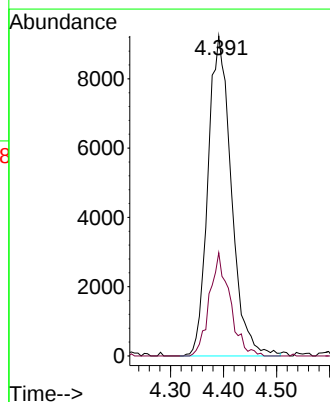
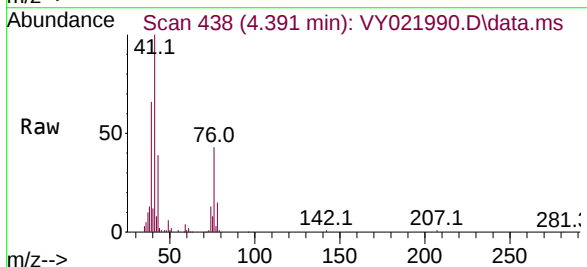
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

Tgt Ion: 76 Resp: 196136
Ion Ratio Lower Upper
76 100
78 10.5 7.6 11.4



#18
Methyl Acetate
Concen: 21.250 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 43 Resp: 28280
Ion Ratio Lower Upper
43 100
74 28.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.128 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

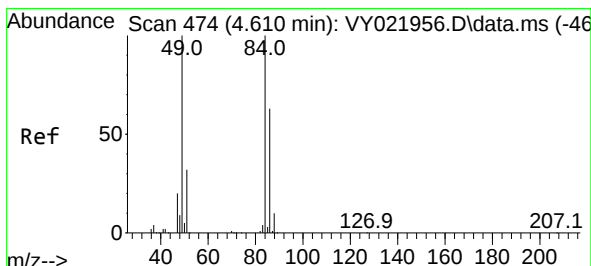
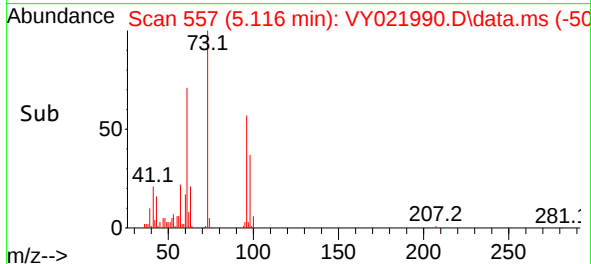
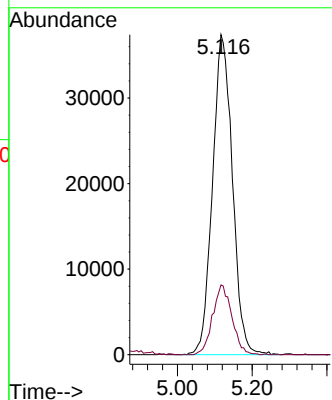
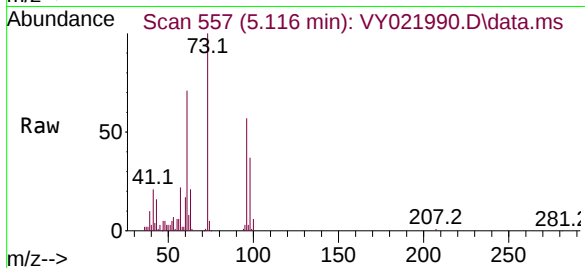
VY0424SBS01

Tgt Ion: 73 Resp: 138129

Ion Ratio Lower Upper

73 100

57 21.8 16.9 25.3



#20

Methylene Chloride

Concen: 19.148 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Tgt Ion: 84 Resp: 68979

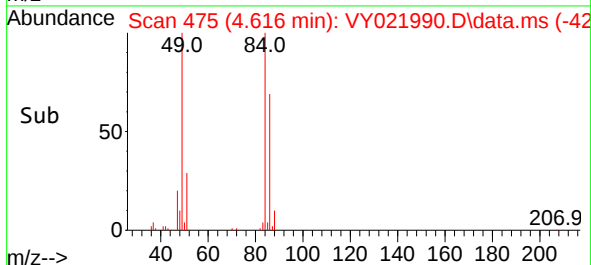
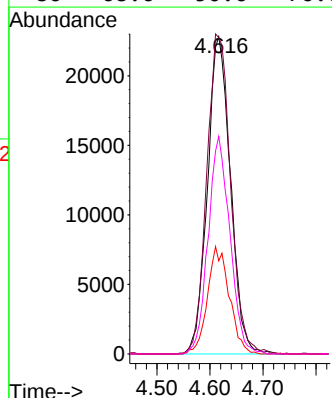
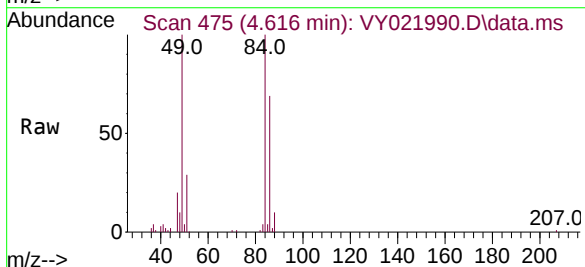
Ion Ratio Lower Upper

84 100

49 99.7 79.9 119.9

51 29.4 25.4 38.0

86 68.6 50.6 76.0

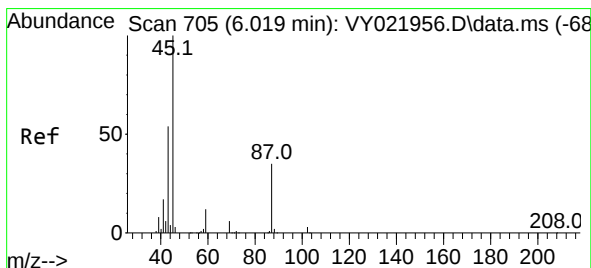
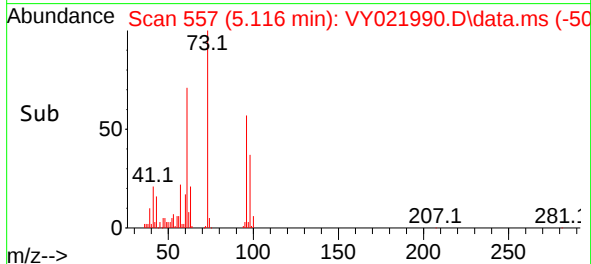
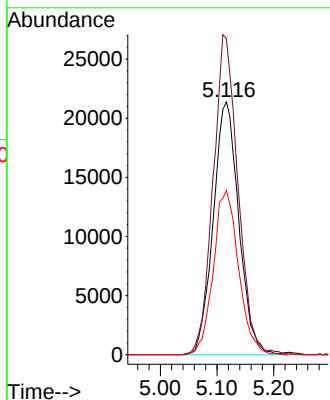
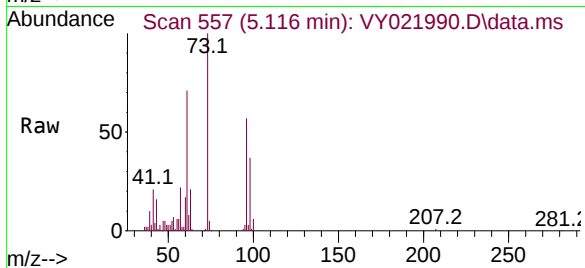




#21
trans-1,2-Dichloroethene
Concen: 19.495 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

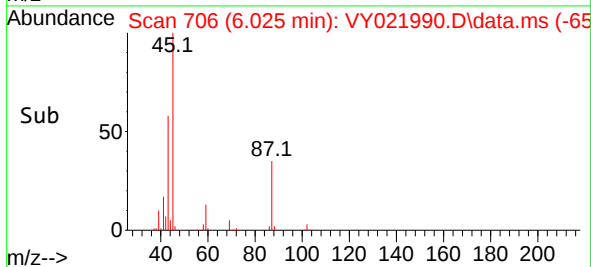
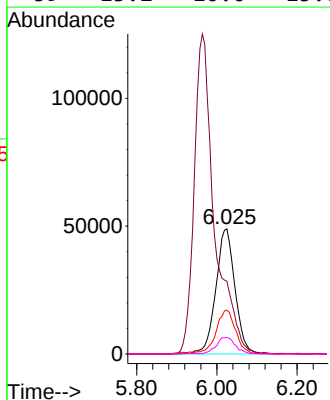
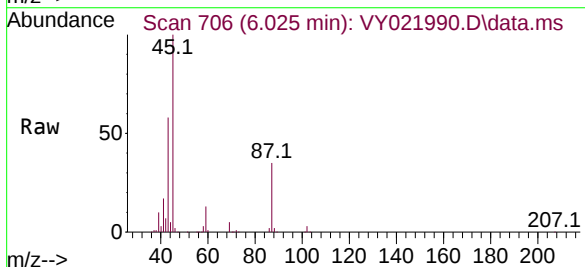
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

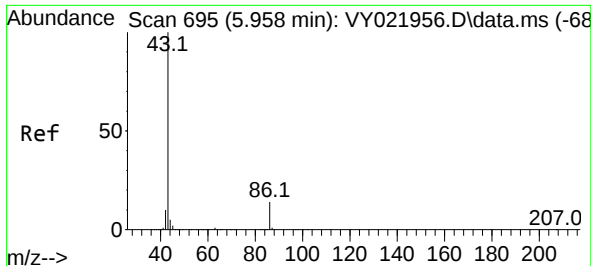
Tgt Ion: 96 Resp: 66942
Ion Ratio Lower Upper
96 100
61 125.0 92.6 138.8
98 64.9 50.2 75.4



#22
Diisopropyl ether
Concen: 20.396 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 45 Resp: 162049
Ion Ratio Lower Upper
45 100
43 57.7 43.6 65.4
87 35.0 28.2 42.4
59 13.2 10.0 15.0

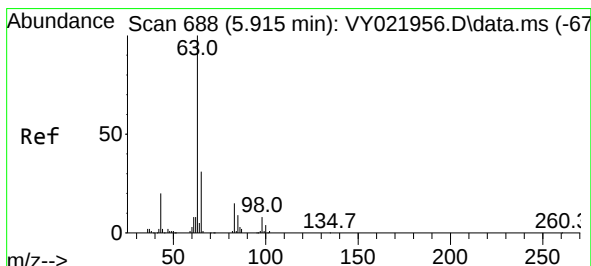
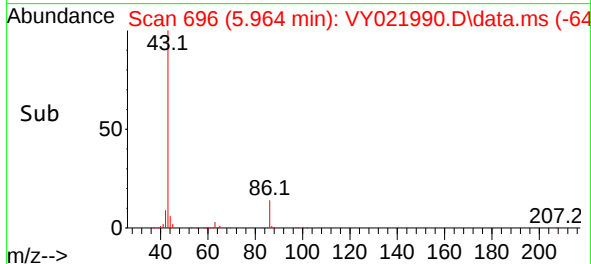
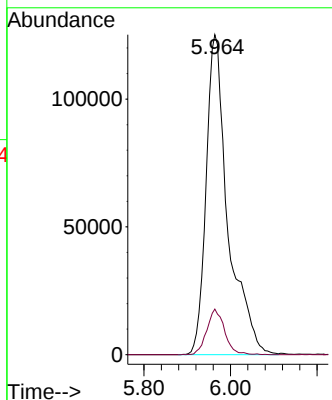
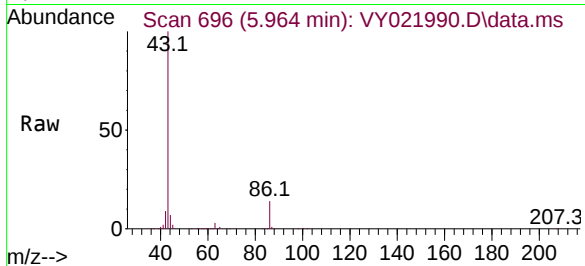




#23
 Vinyl Acetate
 Concen: 102.439 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

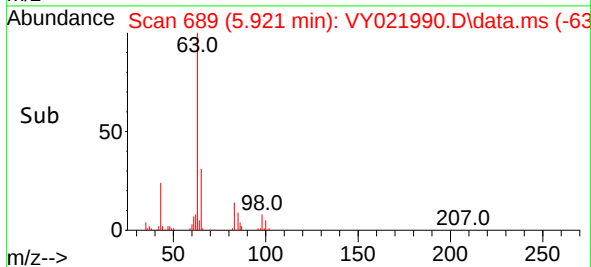
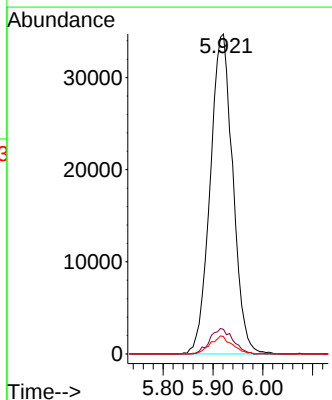
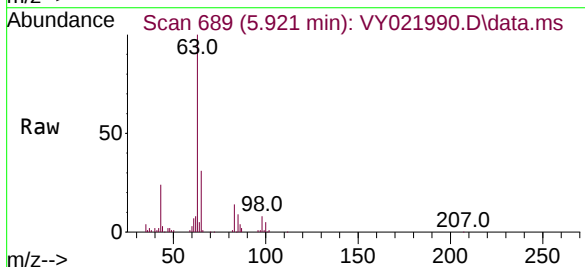
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

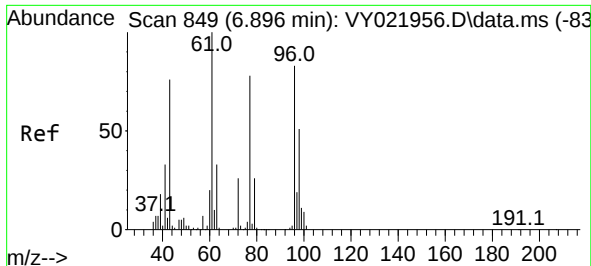
Tgt Ion: 43 Resp: 438629
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.891 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

Tgt Ion: 63 Resp: 109542
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 5.4 2.0 6.0

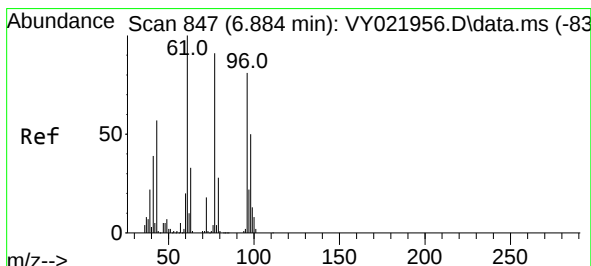
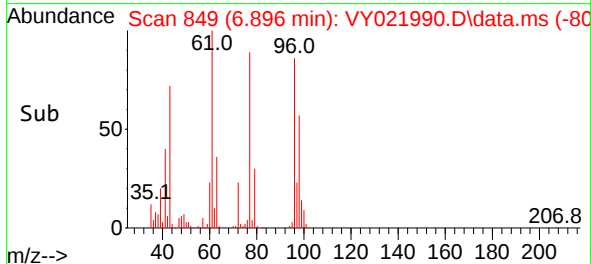
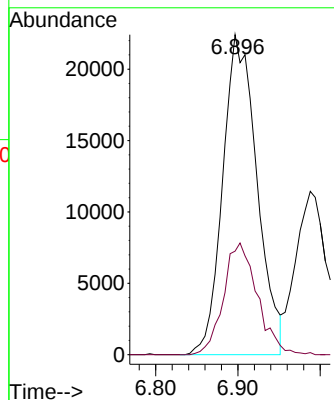
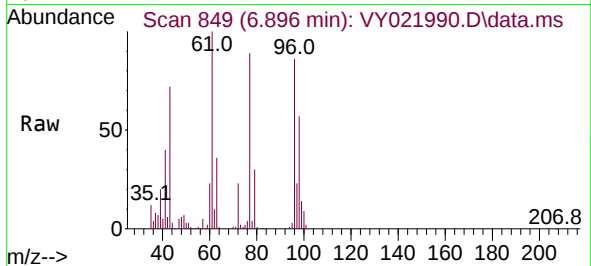




#25
2-Butanone
Concen: 100.028 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

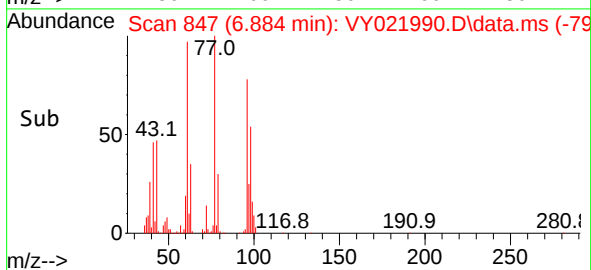
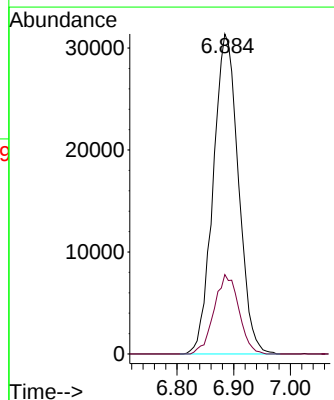
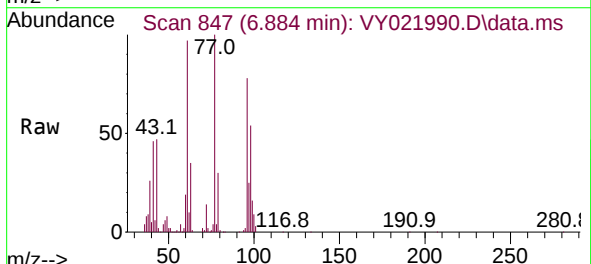
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

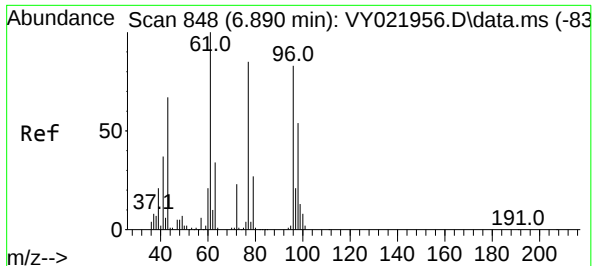
Tgt Ion: 43 Resp: 64958
Ion Ratio Lower Upper
43 100
72 32.4 27.0 40.4



#26
2,2-Dichloropropane
Concen: 20.051 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 77 Resp: 96783
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.796 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBSD01

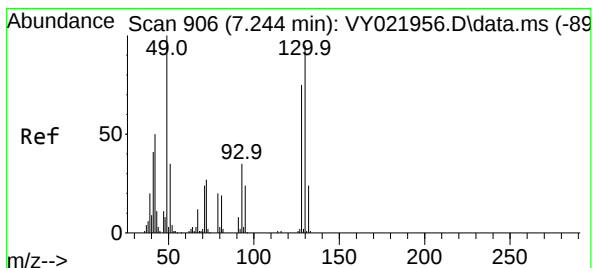
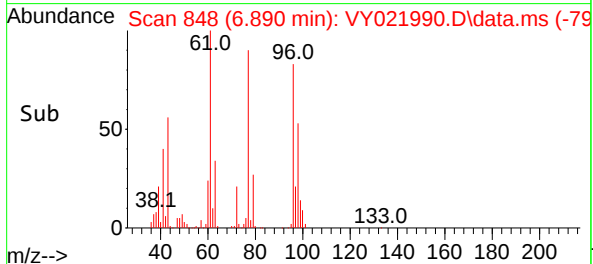
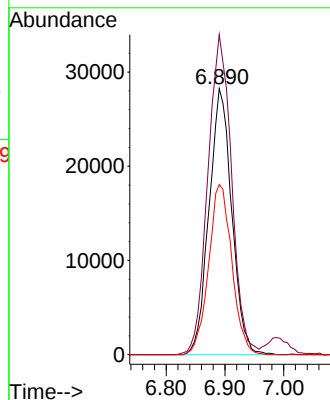
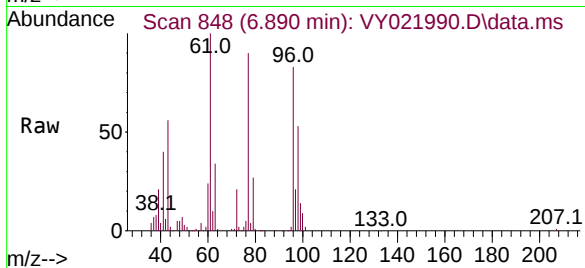
Tgt Ion: 96 Resp: 76009

Ion Ratio Lower Upper

96 100

61 125.4 0.0 251.4

98 65.2 0.0 128.4



#28

Bromochloromethane

Concen: 20.236 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

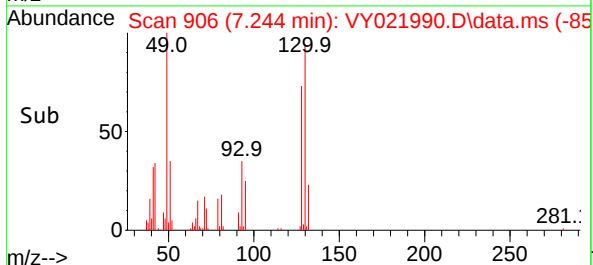
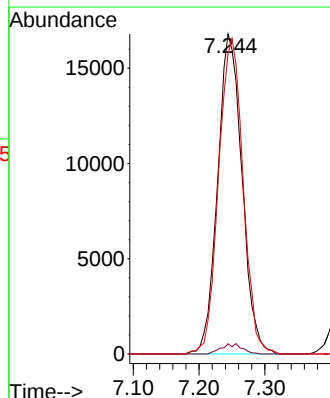
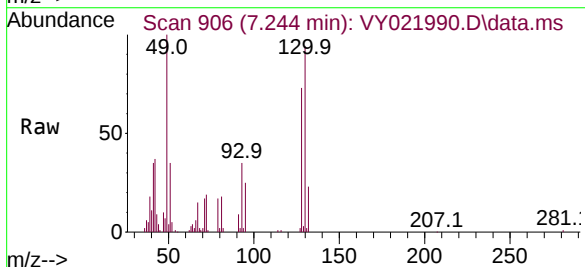
Tgt Ion: 49 Resp: 43286

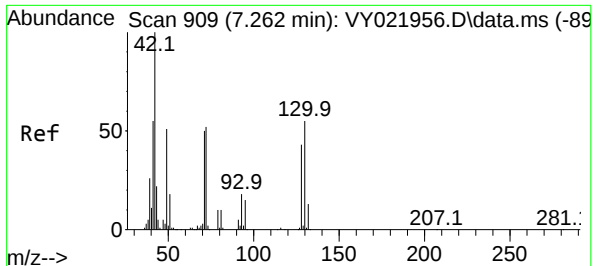
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 99.0 78.2 117.4

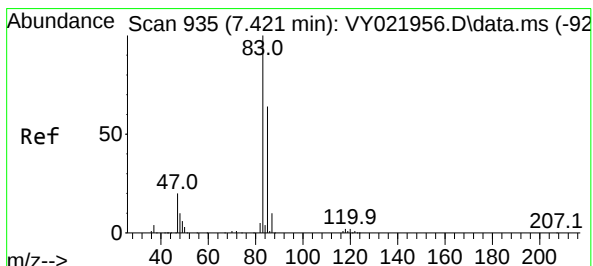
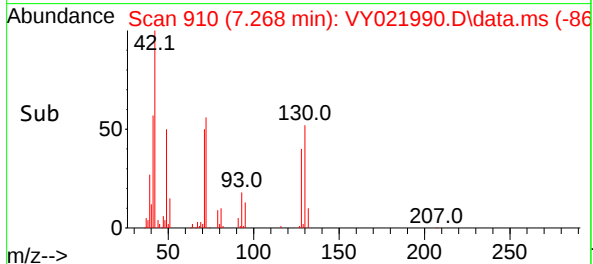
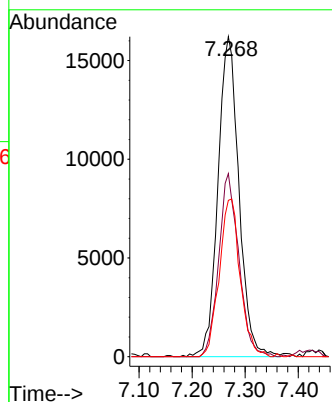
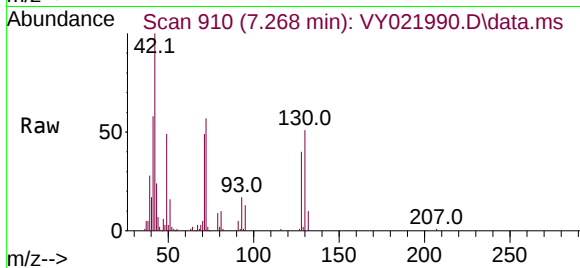




#29
Tetrahydrofuran
Concen: 105.497 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

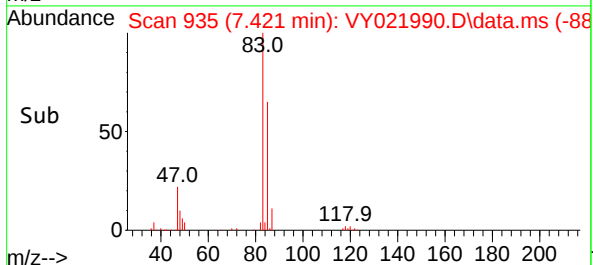
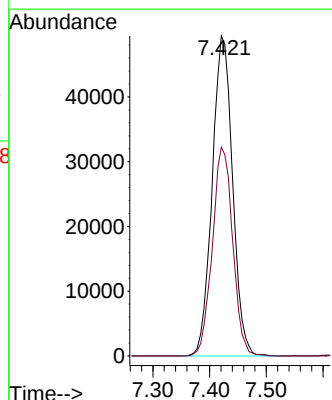
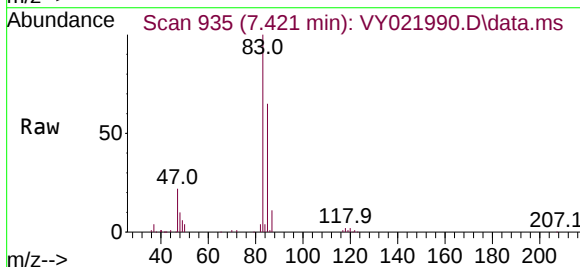
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

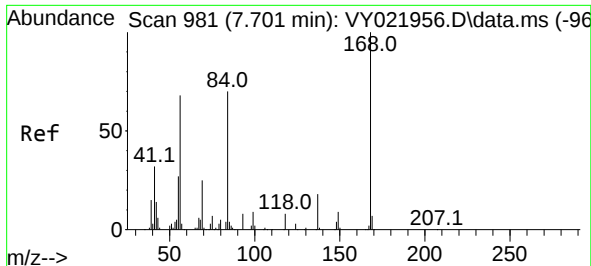
Tgt Ion: 42 Resp: 44496
Ion Ratio Lower Upper
42 100
72 54.9 42.6 63.8
71 49.1 40.6 61.0



#30
Chloroform
Concen: 20.193 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 83 Resp: 123350
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9

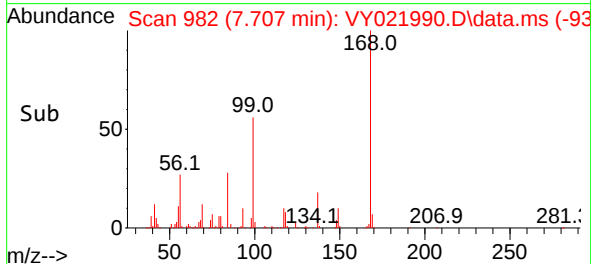
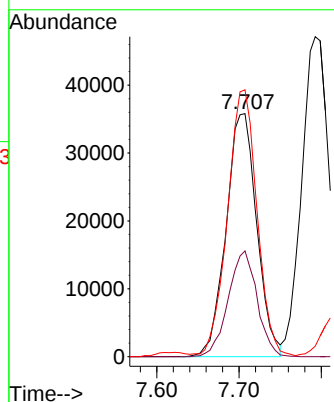
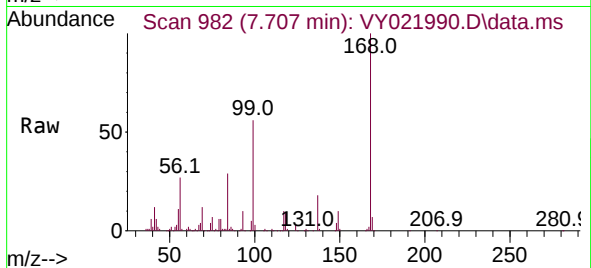




#31
Cyclohexane
Concen: 19.754 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

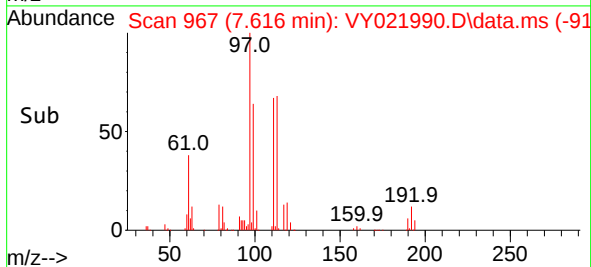
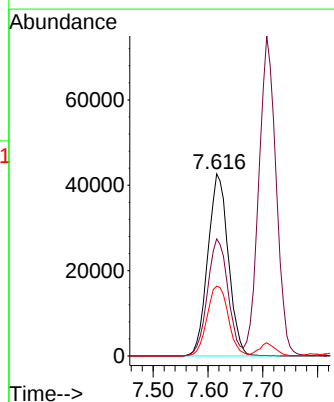
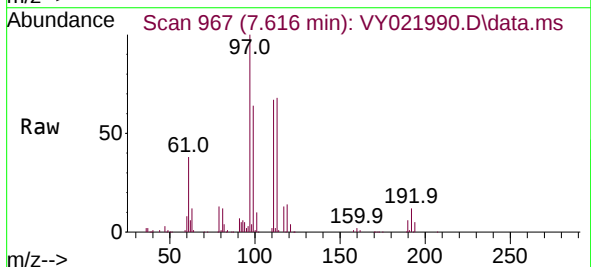
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

Tgt Ion: 56 Resp: 93030
Ion Ratio Lower Upper
56 100
69 43.2 29.4 44.2
84 108.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.007 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 97 Resp: 110573
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 39.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

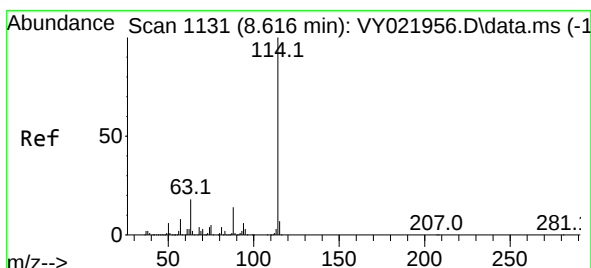
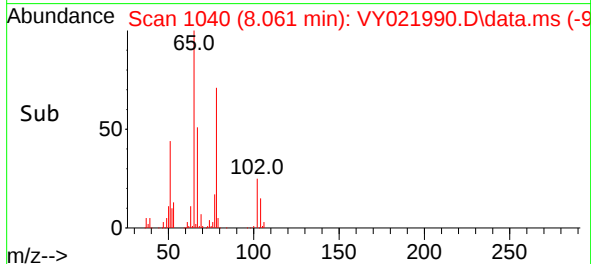
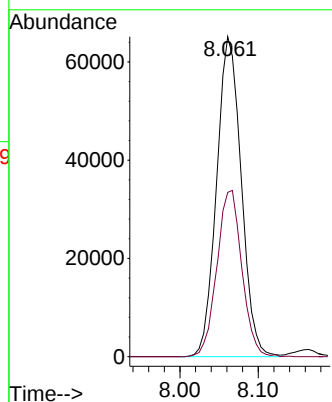
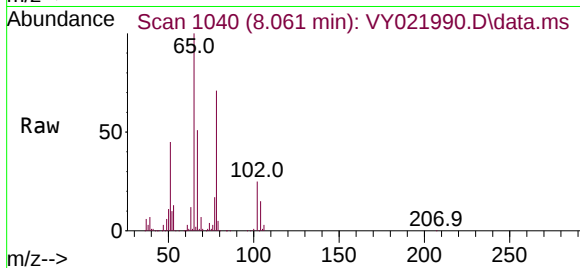
VY0424SBS01

Tgt Ion: 65 Resp: 142423

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

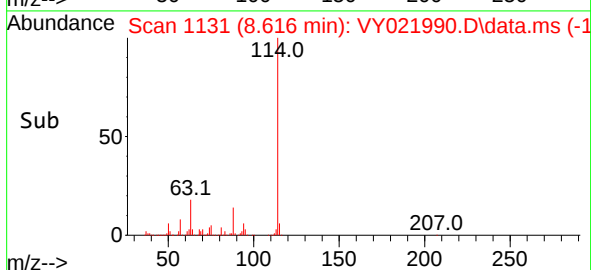
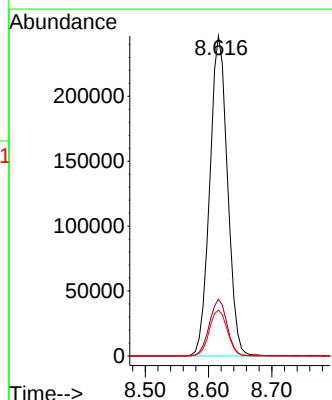
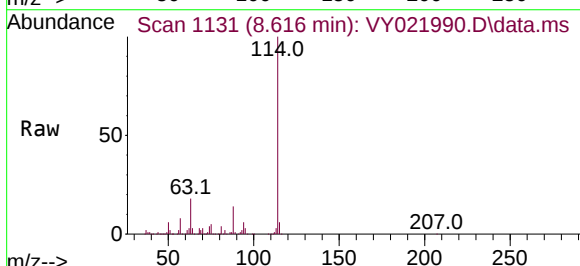
Tgt Ion: 114 Resp: 479951

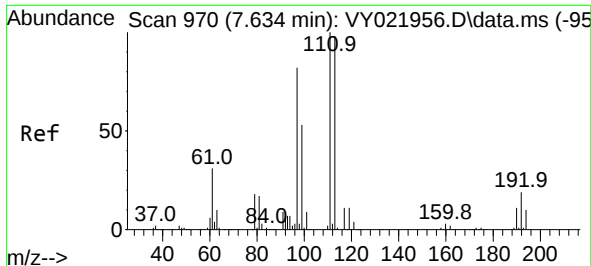
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 14.3 0.0 28.2

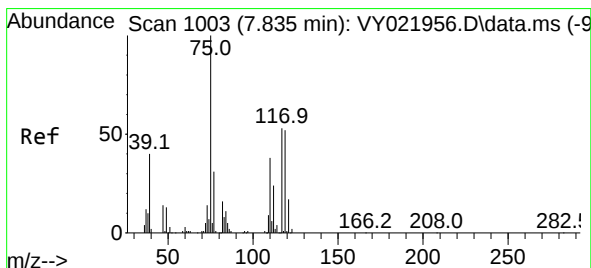
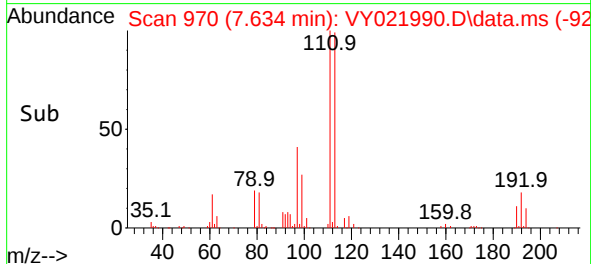
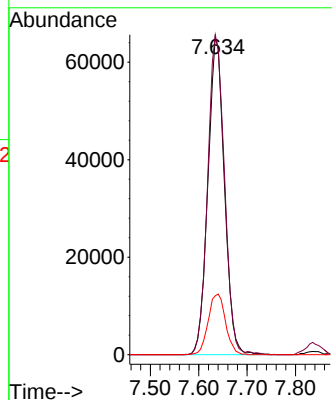
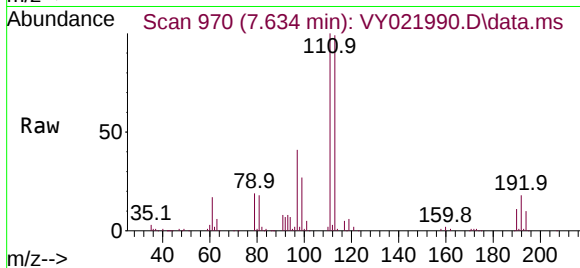




#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

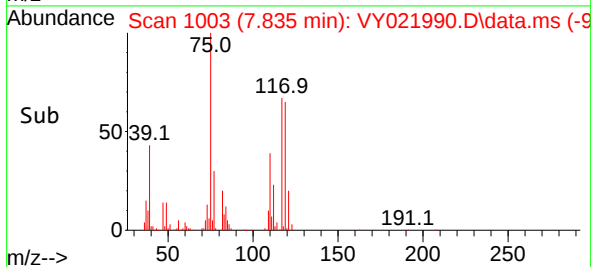
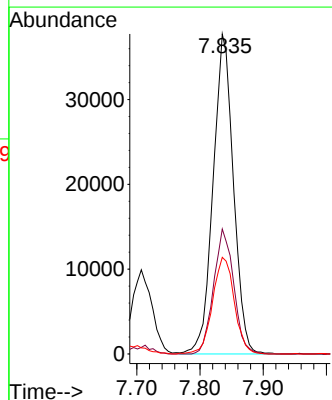
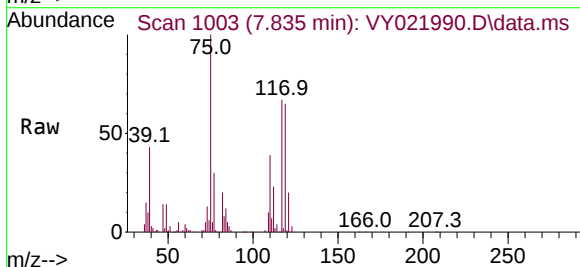
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

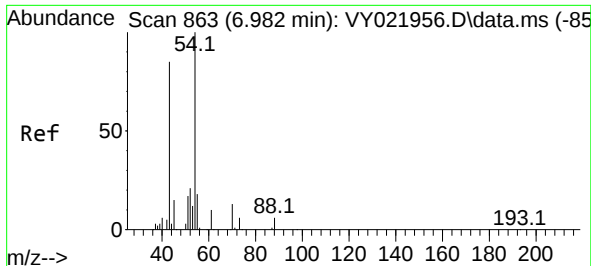
Tgt Ion:113 Resp: 153978
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 20.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.731 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 75 Resp: 84040
Ion Ratio Lower Upper
75 100
110 38.6 19.1 57.3
77 32.3 25.5 38.3

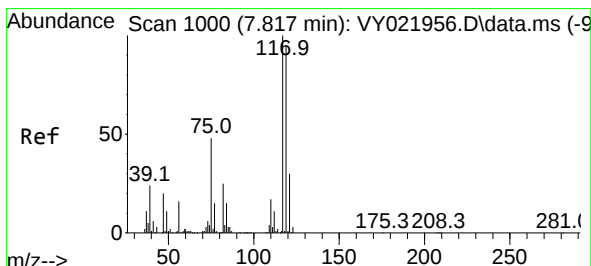
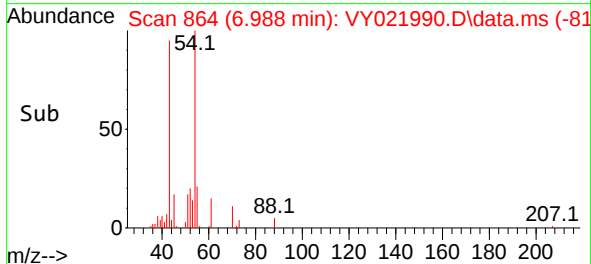
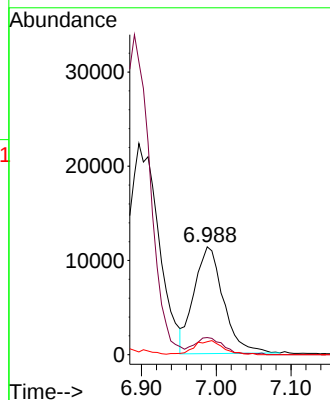
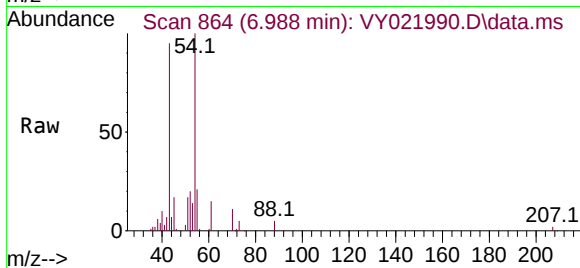




#37
Ethyl Acetate
Concen: 20.289 ug/l
RT: 6.988 min Scan# 810
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

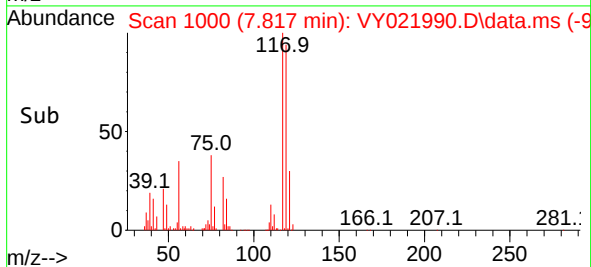
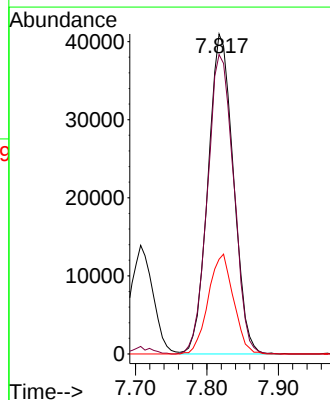
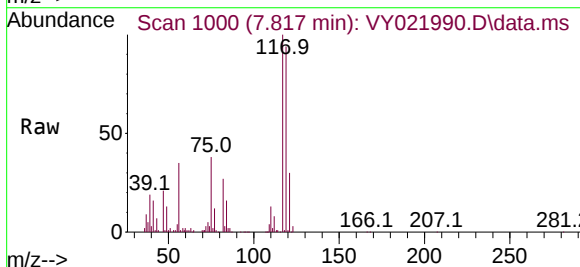
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

Tgt Ion: 43 Resp: 31037
Ion Ratio Lower Upper
43 100
61 15.9 13.8 20.6
70 13.0 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.872 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 117 Resp: 101137
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.4
121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.250 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

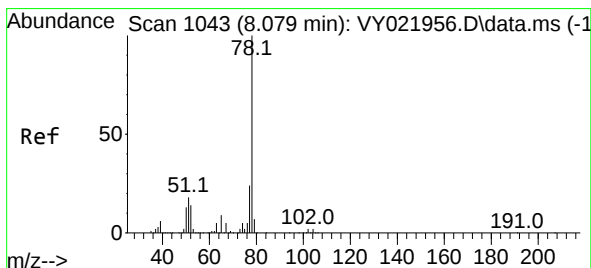
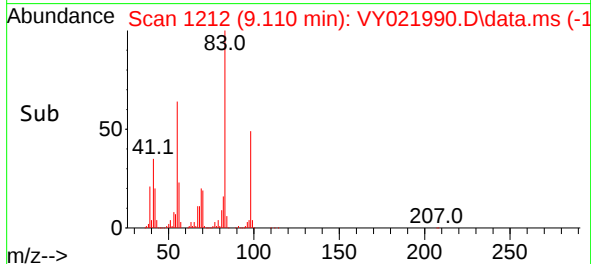
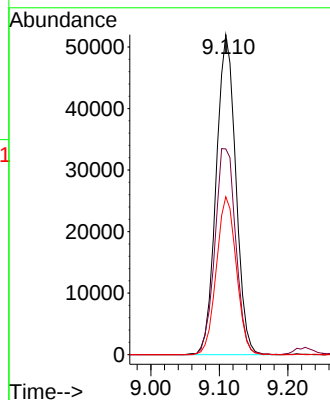
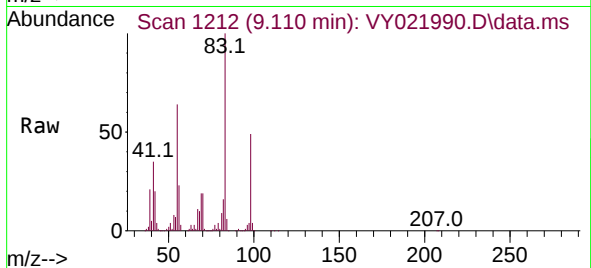
Tgt Ion: 83 Resp: 103178

Ion Ratio Lower Upper

83 100

55 64.3 50.6 75.8

98 49.3 38.6 58.0



#40

Benzene

Concen: 20.030 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021990.D

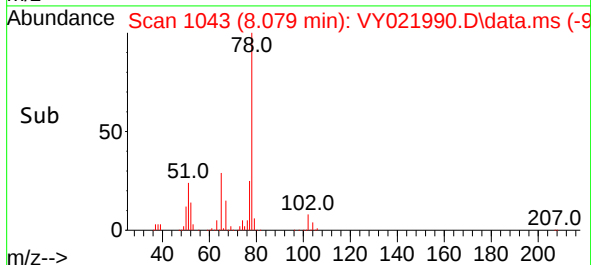
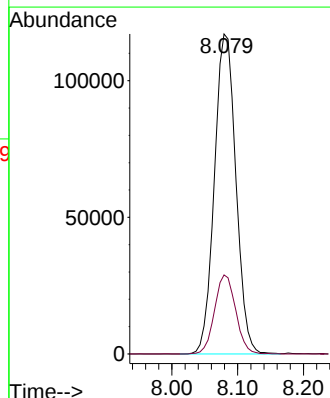
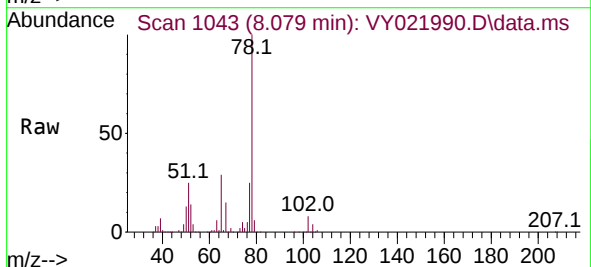
Acq: 24 Apr 2025 09:58

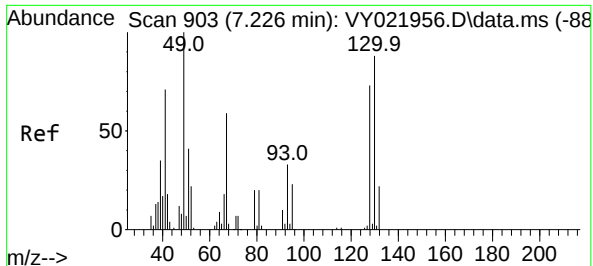
Tgt Ion: 78 Resp: 266686

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

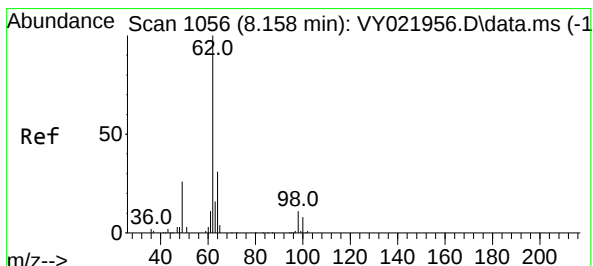
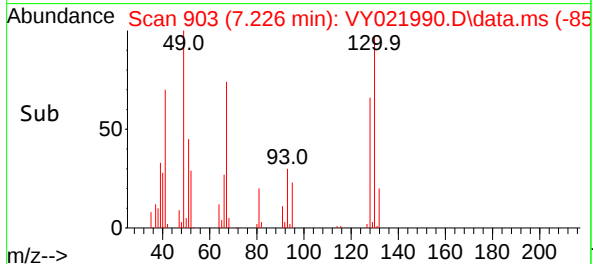
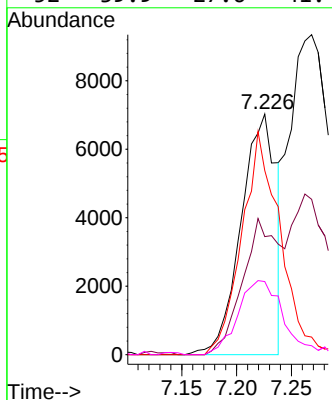
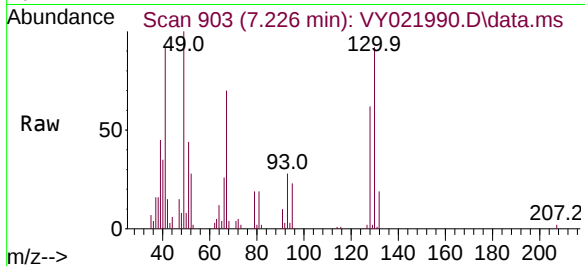




#41
Methacrylonitrile
Concen: 18.798 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

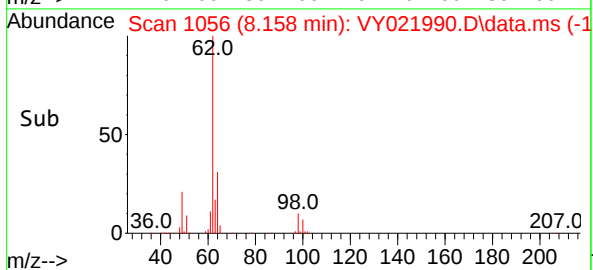
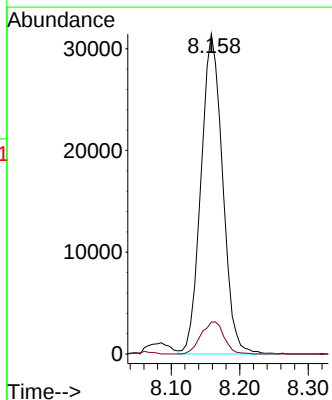
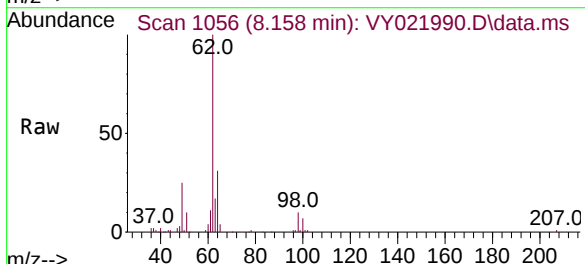
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

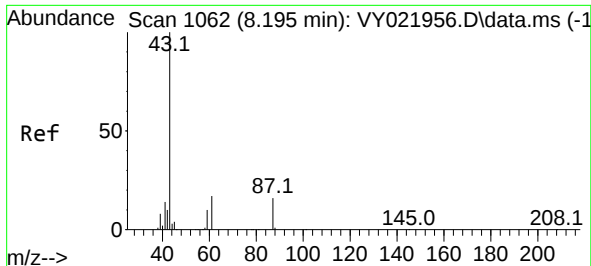
Tgt Ion: 41 Resp: 15719
Ion Ratio Lower Upper
41 100
39 61.3 36.6 55.0#
67 101.1 72.2 108.4
52 39.9 27.6 41.4



#42
1,2-Dichloroethane
Concen: 20.927 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 62 Resp: 68984
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0

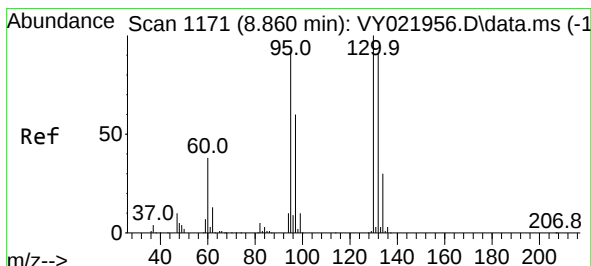
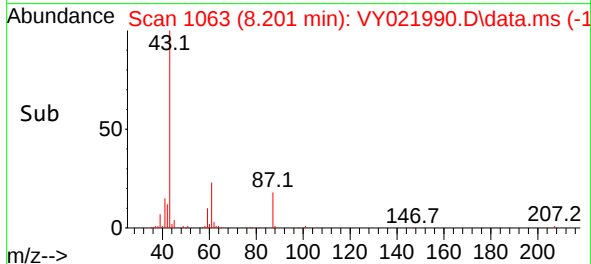
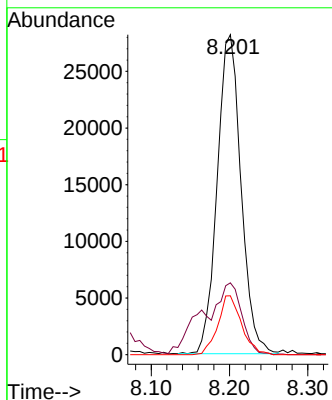
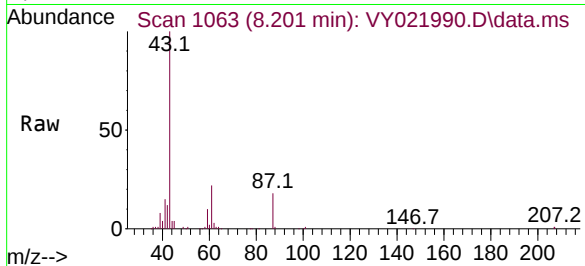




#43
Isopropyl Acetate
Concen: 20.266 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

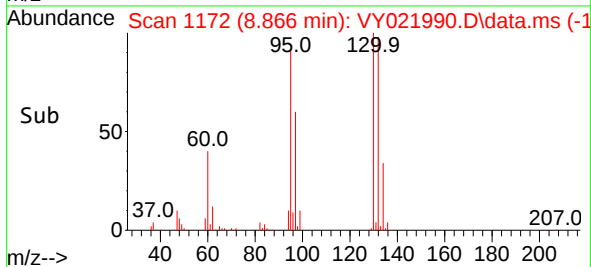
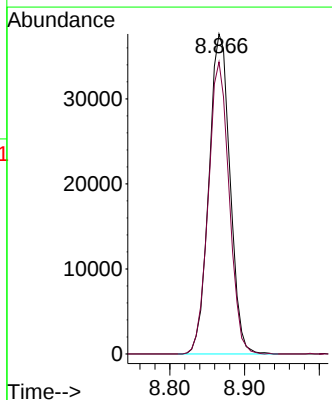
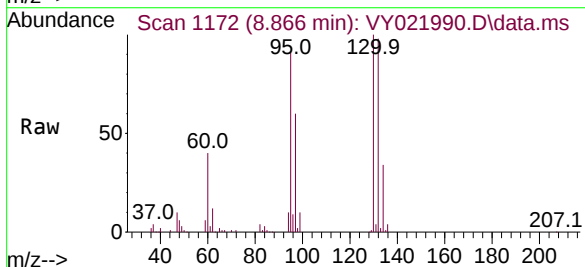
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion: 43 Resp: 59535
Ion Ratio Lower Upper
43 100
61 22.5 18.9 28.3
87 18.3 13.7 20.5



#44
Trichloroethene
Concen: 20.029 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion:130 Resp: 73865
Ion Ratio Lower Upper
130 100
95 91.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.321 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

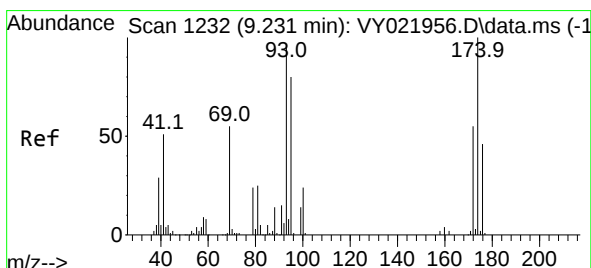
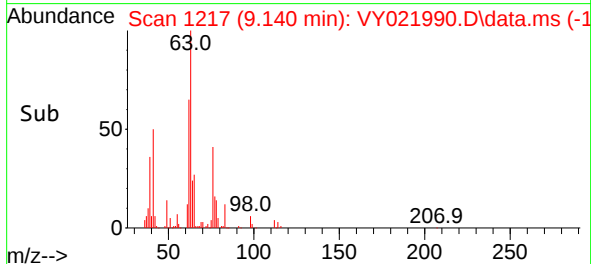
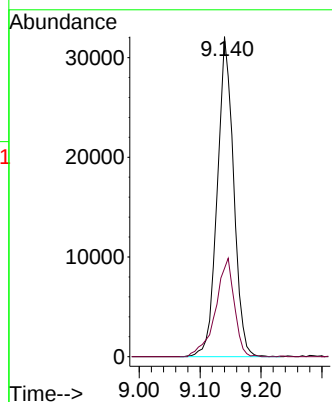
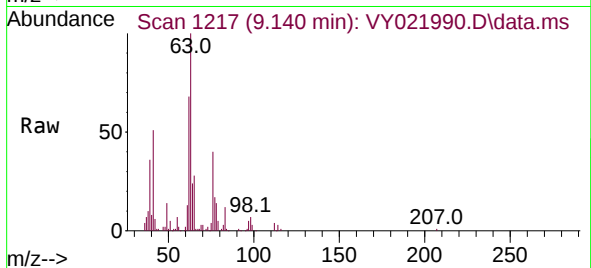
VY0424SBSD01

Tgt Ion: 63 Resp: 59834

Ion Ratio Lower Upper

63 100

65 27.6 25.2 37.8



#46

Dibromomethane

Concen: 20.856 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

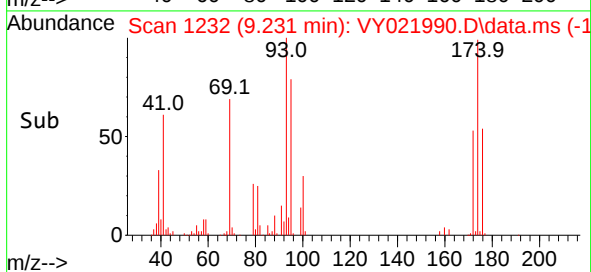
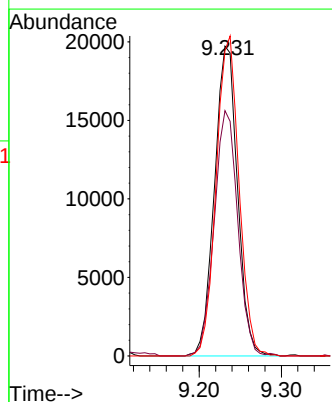
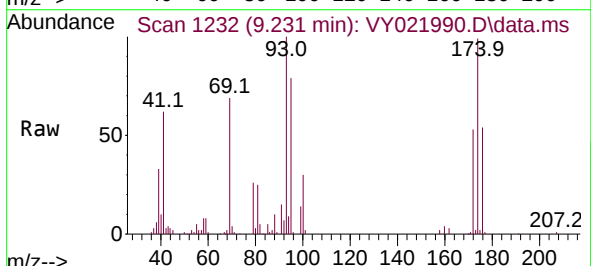
Tgt Ion: 93 Resp: 38440

Ion Ratio Lower Upper

93 100

95 81.0 66.7 100.1

174 102.2 84.6 127.0

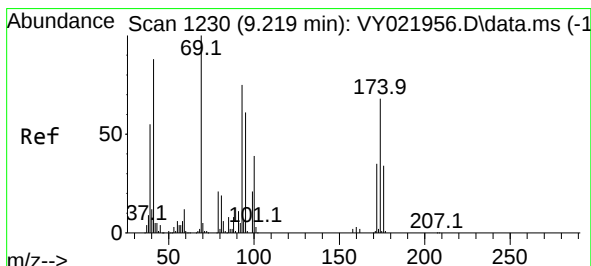
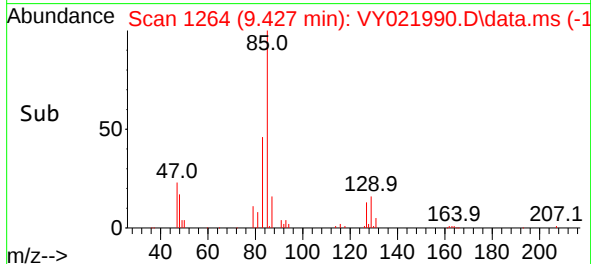
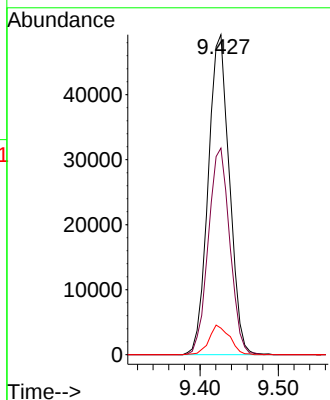
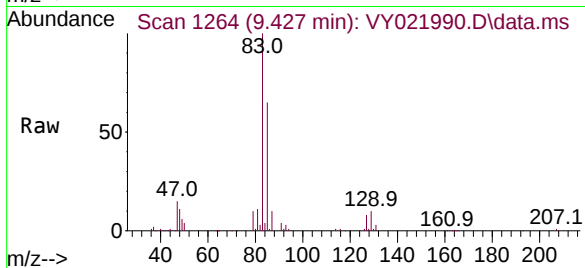




#47
Bromodichloromethane
Concen: 20.057 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

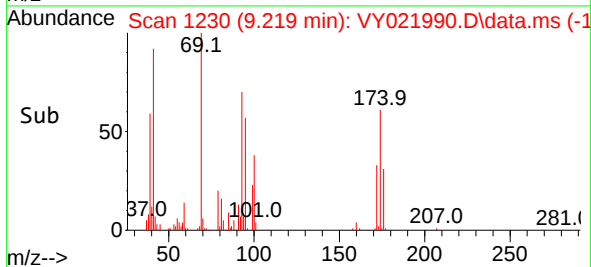
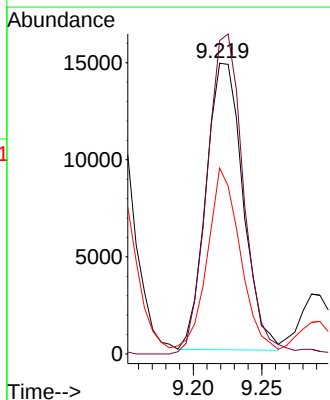
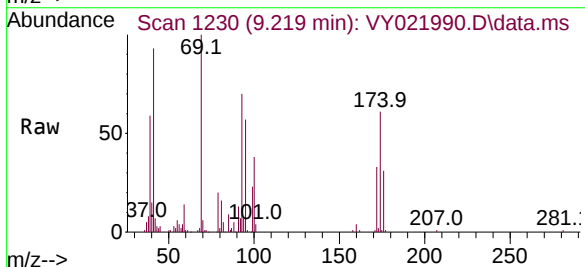
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

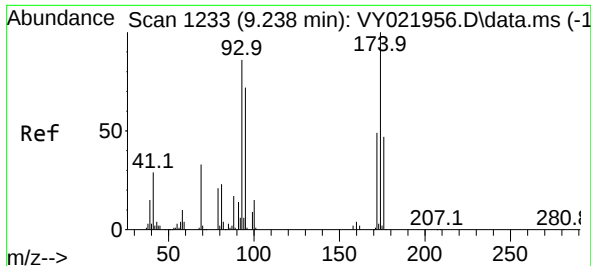
Tgt Ion: 83	Resp: 92353
Ion Ratio	Lower Upper
83 100	
85 64.5	51.8 77.8
127 8.3	7.0 10.6



#48
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 41	Resp: 27665		
Ion Ratio	Lower	Upper	
41	100		
69	110.8	85.5	128.3
39	55.7	46.2	69.4

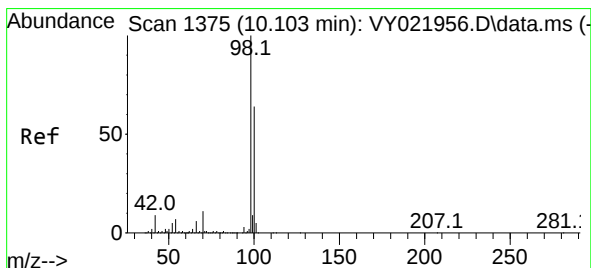
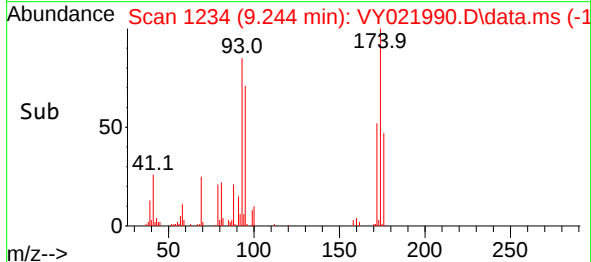
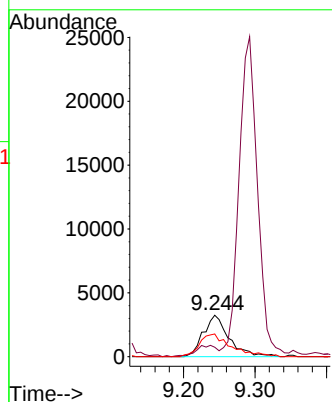
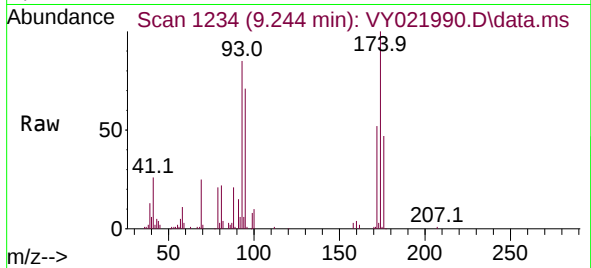




#49
1,4-Dioxane
Concen: 411.606 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

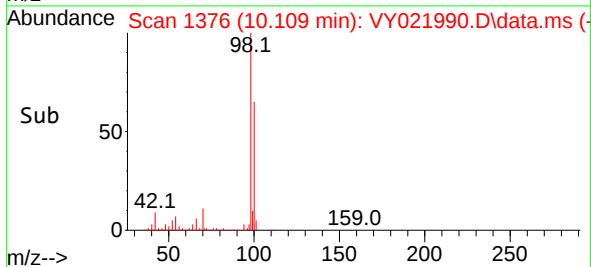
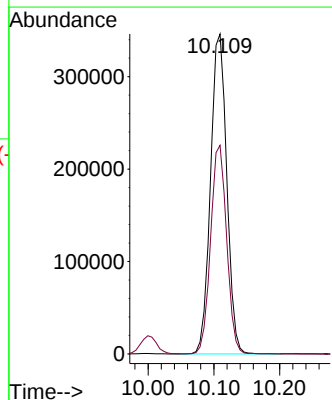
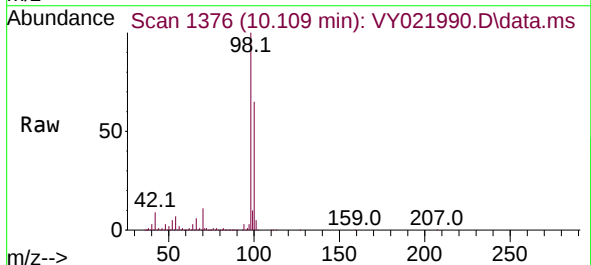
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

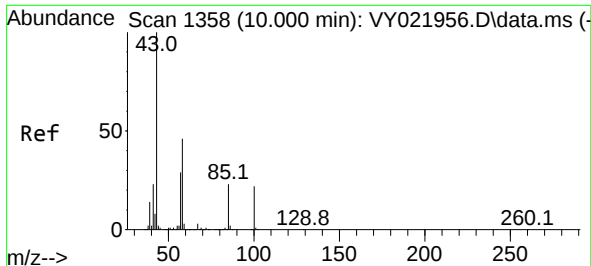
Tgt Ion: 88 Resp: 8086
Ion Ratio Lower Upper
88 100
43 22.5 21.3 31.9
58 67.8 50.5 75.7



#50
Toluene-d8
Concen: 49.733 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 98 Resp: 594509
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

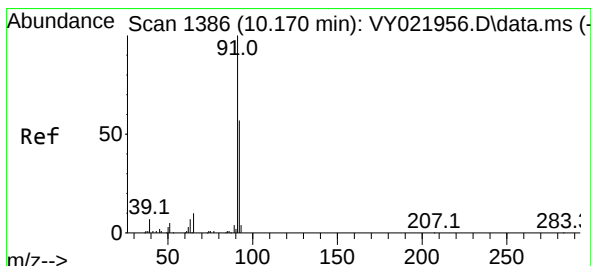
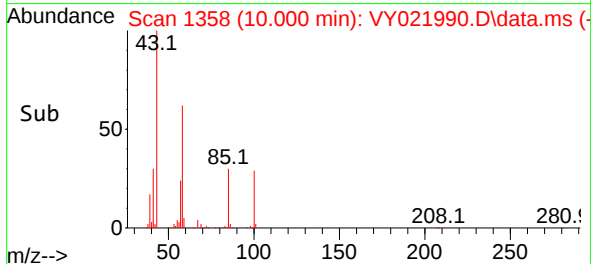
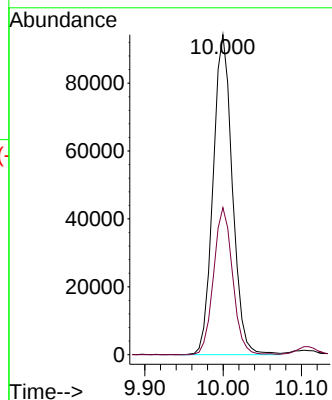
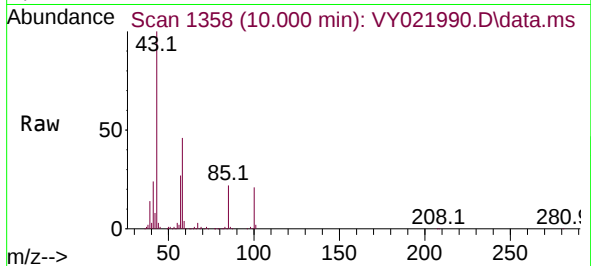




#51
4-Methyl-2-Pentanone
Concen: 104.660 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

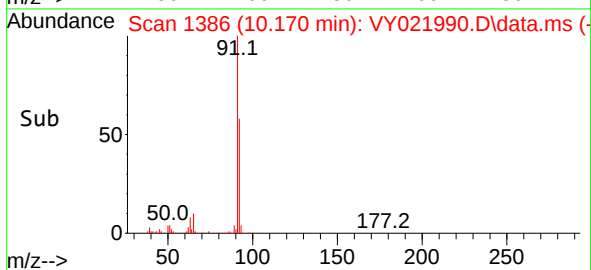
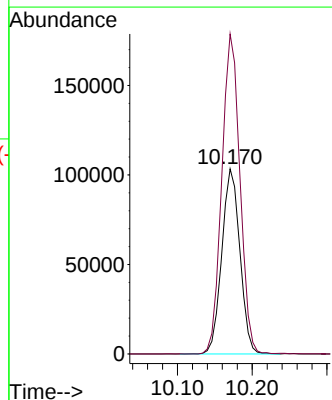
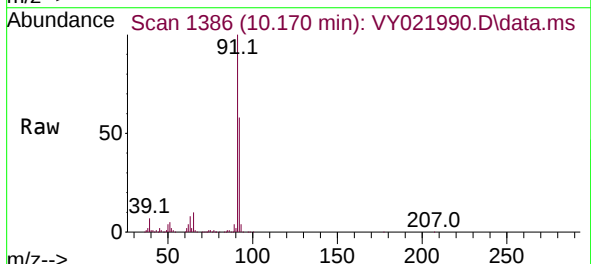
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

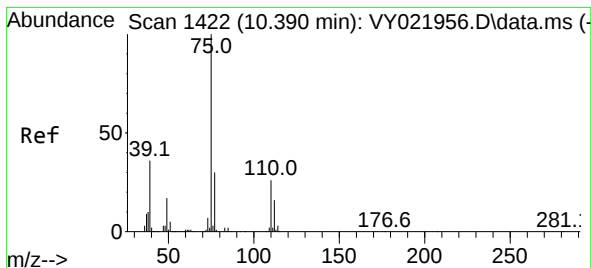
Tgt Ion: 43 Resp: 161173
Ion Ratio Lower Upper
43 100
58 45.4 36.6 55.0



#52
Toluene
Concen: 20.233 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 92 Resp: 174374
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8

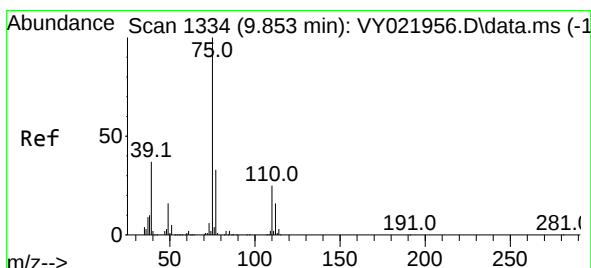
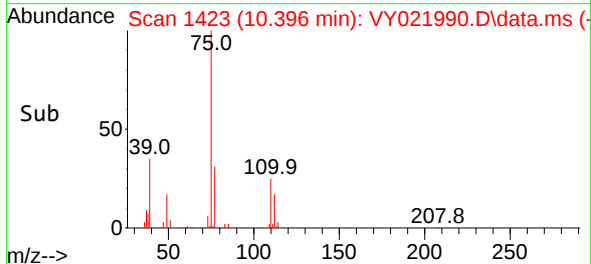
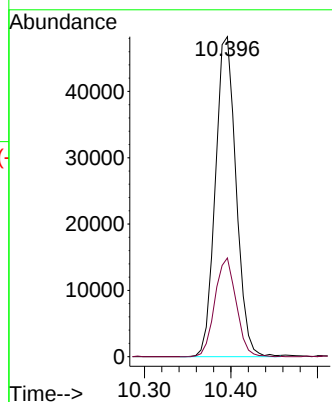
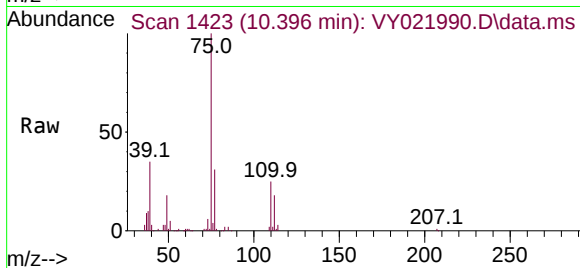




#53
 t-1,3-Dichloropropene
 Concen: 20.298 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

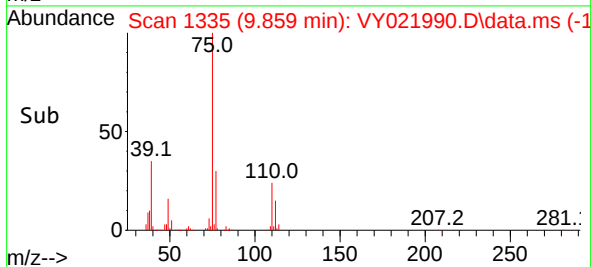
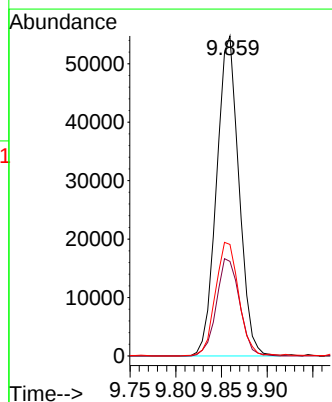
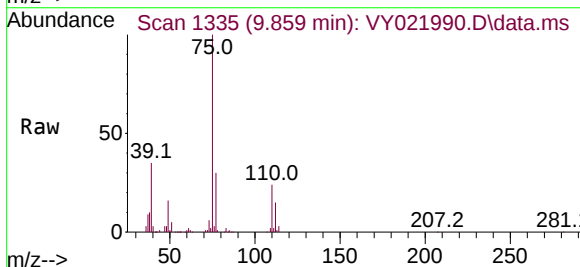
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

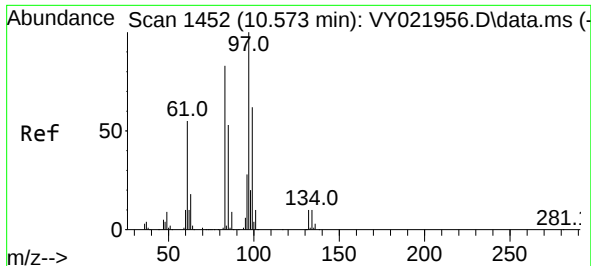
Tgt Ion: 75 Resp: 80167
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.851 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

Tgt Ion: 75 Resp: 93198
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.6 40.0
 39 34.9 29.6 44.4

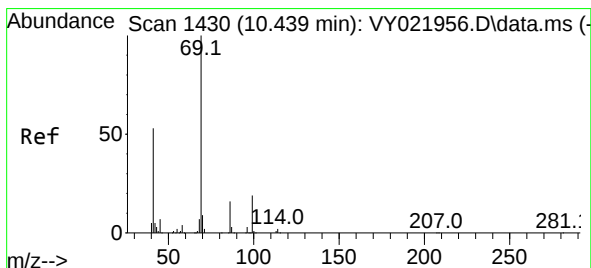
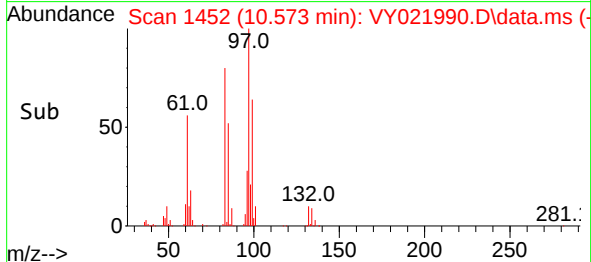
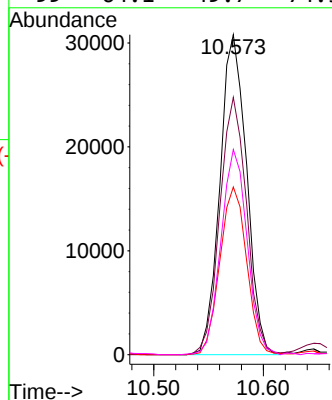
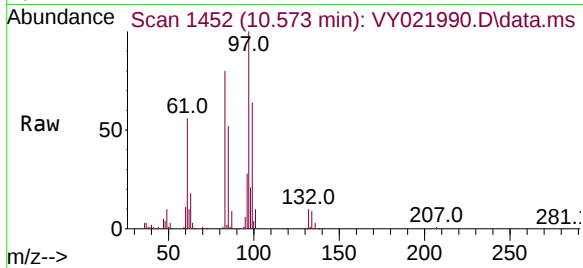




#55
1,1,2-Trichloroethane
Concen: 21.090 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

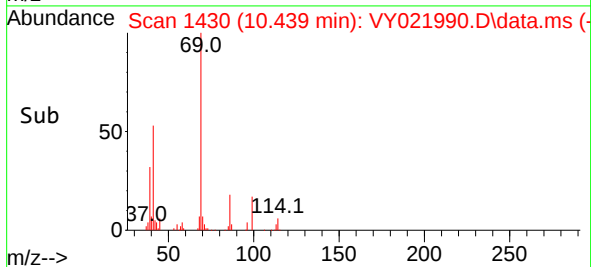
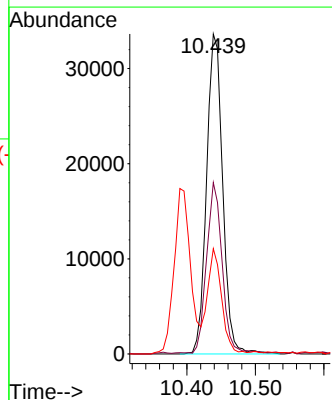
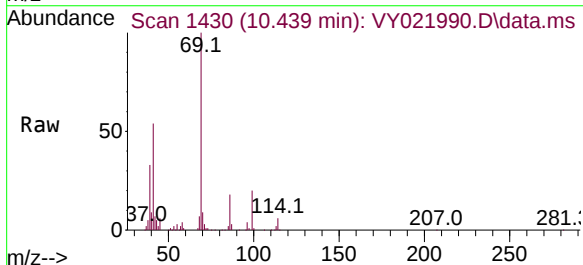
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

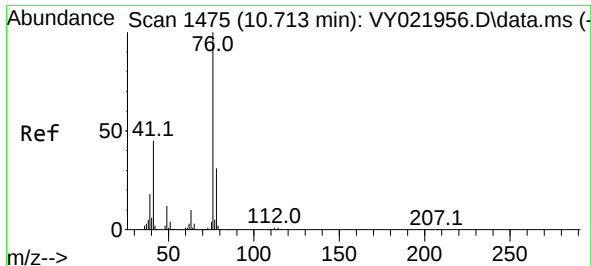
Tgt Ion: 97	Resp: 51923
Ion Ratio	Lower Upper
97 100	
83 80.4	66.7 100.1
85 52.4	42.6 64.0
99 64.1	49.7 74.5



#56
Ethyl methacrylate
Concen: 19.572 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 69	Resp: 55104		
Ion Ratio	Lower	Upper	
69 100			
41 51.0	40.7	61.1	
39 28.1	23.3	34.9	





#57

1,3-Dichloropropane

Concen: 20.374 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

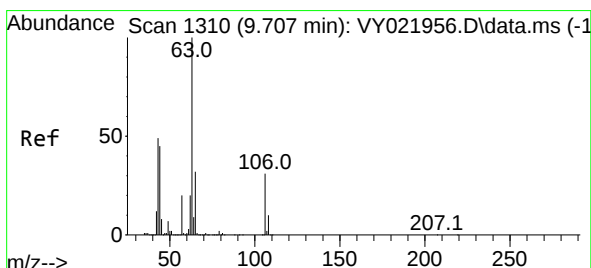
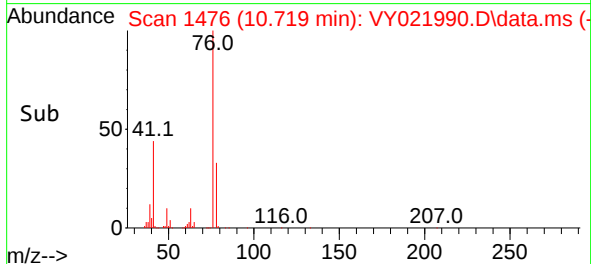
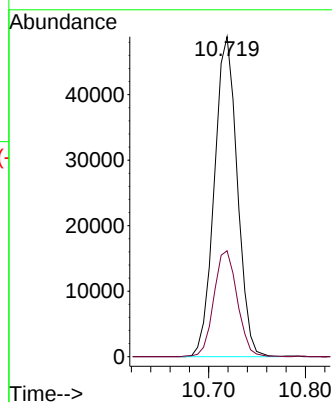
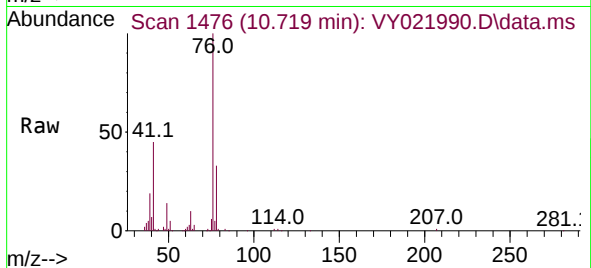
VY0424SBS01

Tgt Ion: 76 Resp: 80416

Ion Ratio Lower Upper

76 100

78 33.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.798 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021990.D

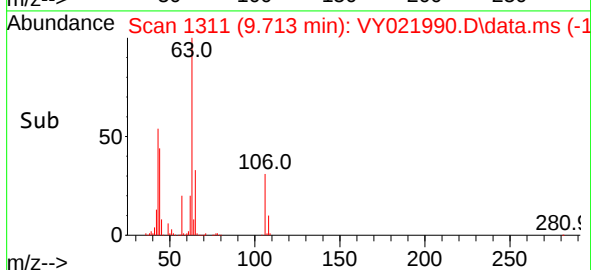
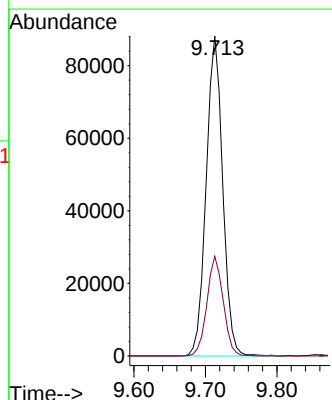
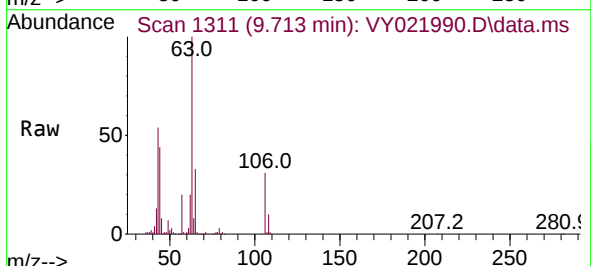
Acq: 24 Apr 2025 09:58

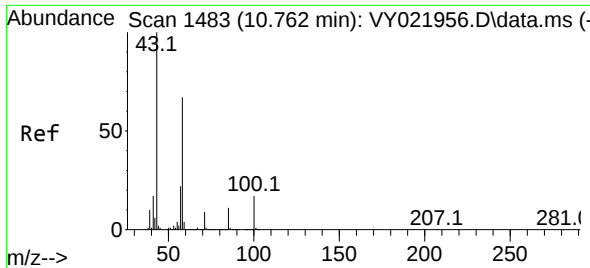
Tgt Ion: 63 Resp: 141510

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9

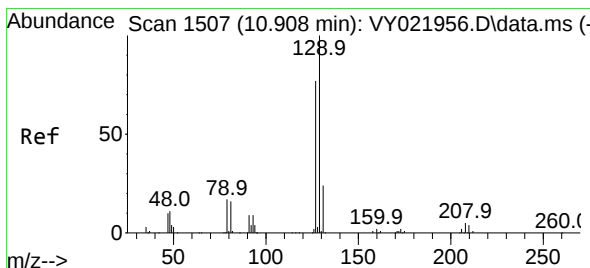
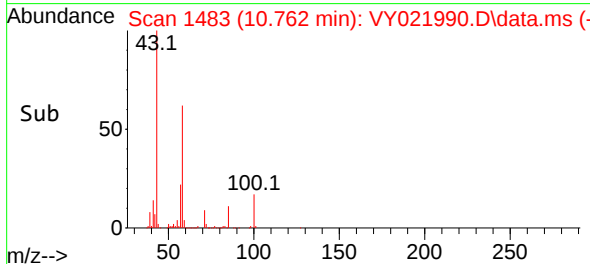
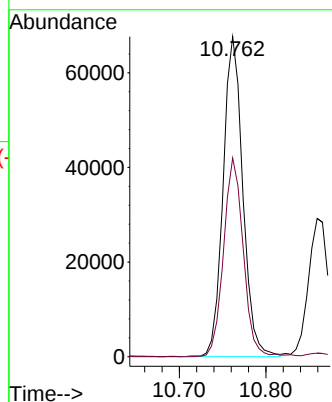
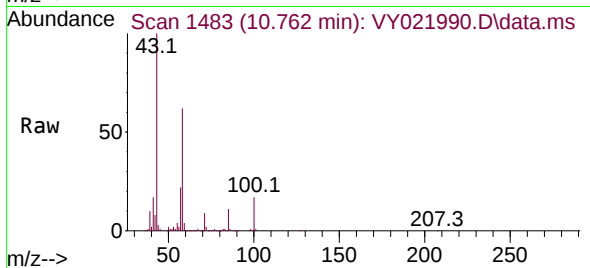




#59
2-Hexanone
Concen: 105.137 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

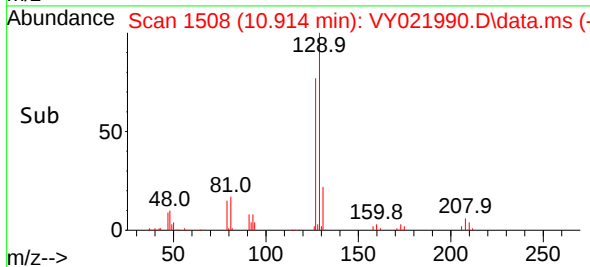
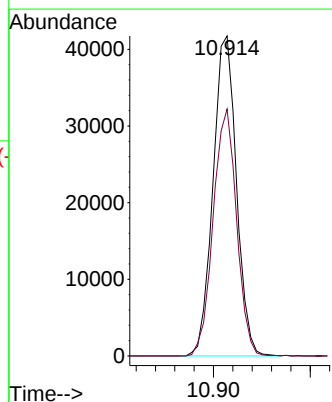
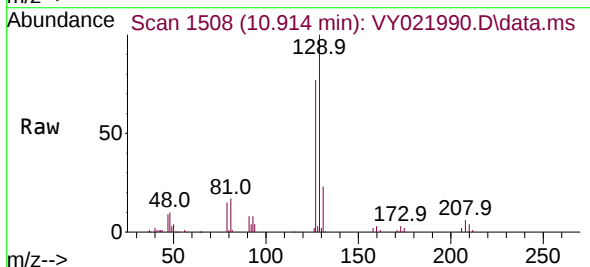
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

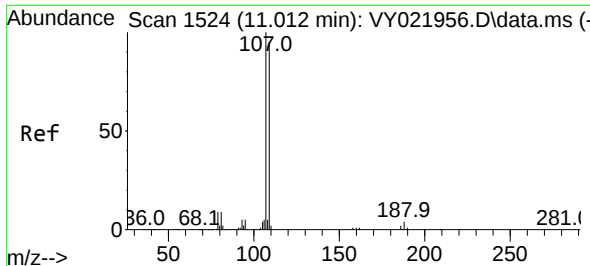
Tgt Ion: 43 Resp: 106792
Ion Ratio Lower Upper
43 100
58 62.3 32.0 96.0



#60
Dibromochloromethane
Concen: 20.556 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 129 Resp: 70069
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

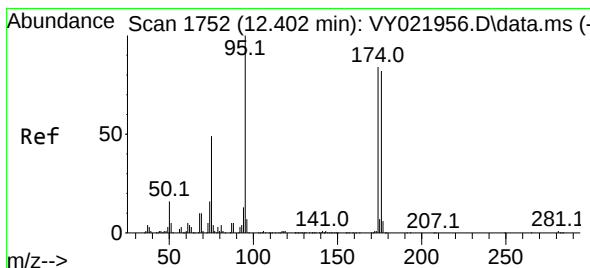
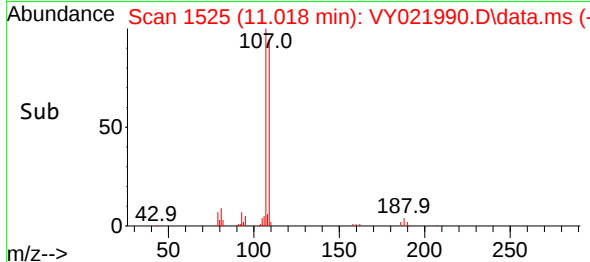
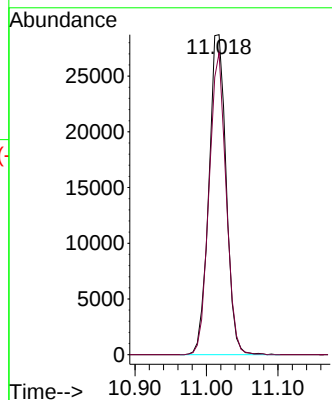
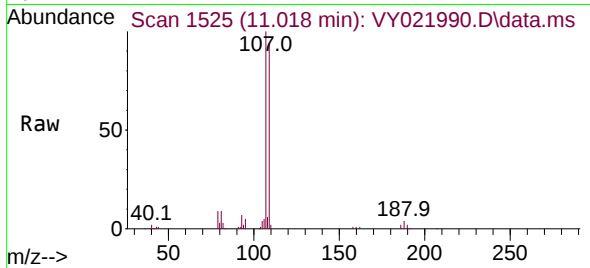




#61
1,2-Dibromoethane
Concen: 20.772 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

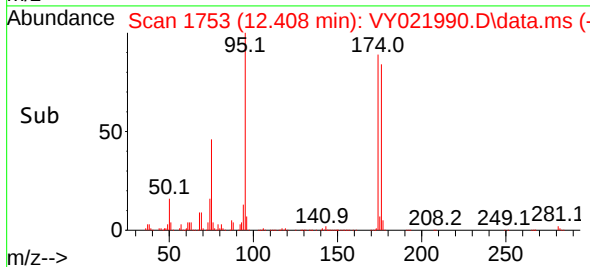
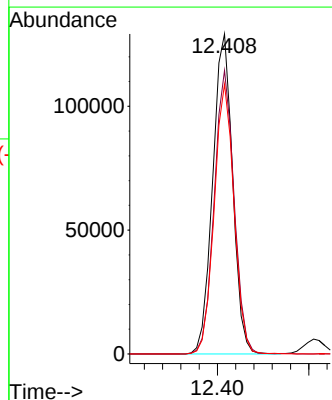
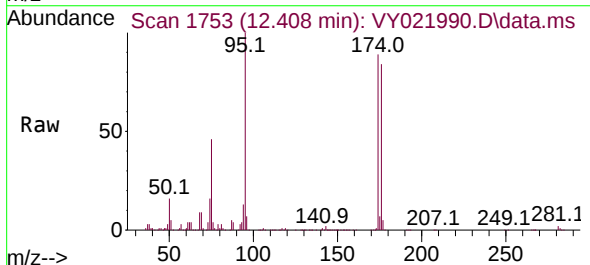
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

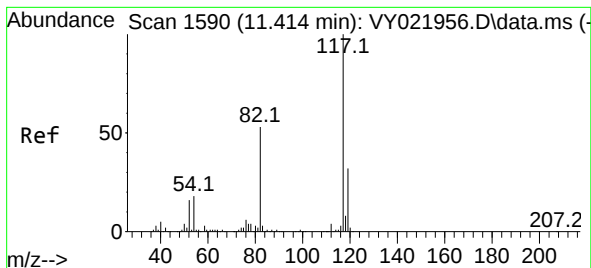
Tgt Ion:107 Resp: 48281
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.463 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 95 Resp: 195023
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.0
176 84.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

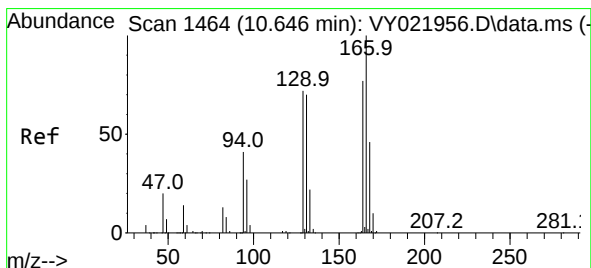
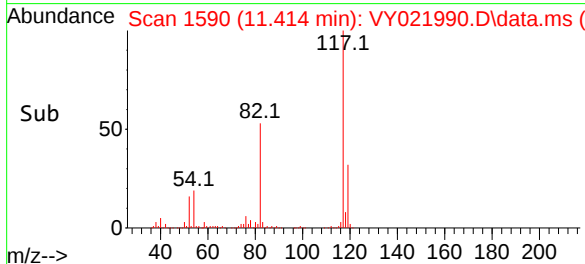
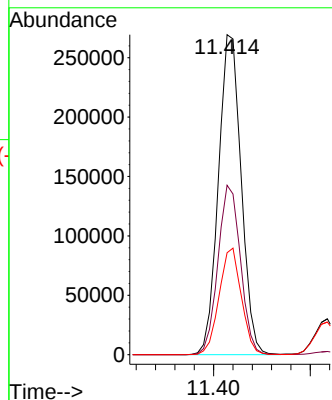
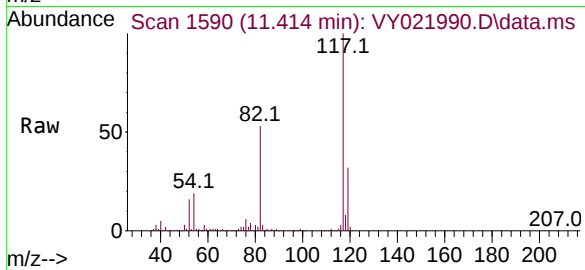
Tgt Ion:117 Resp: 439890

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 19.858 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Tgt Ion:164 Resp: 82408

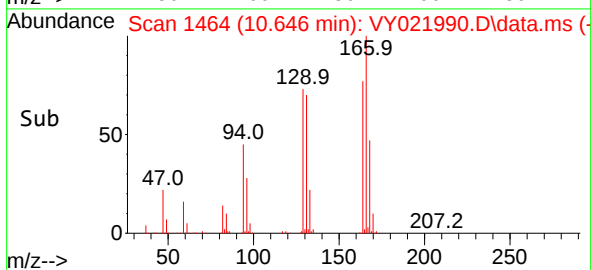
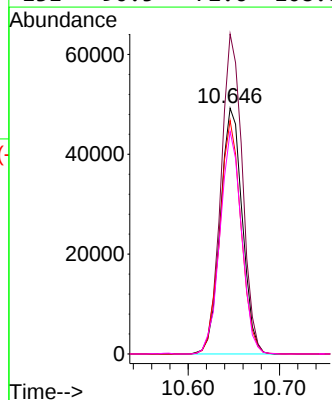
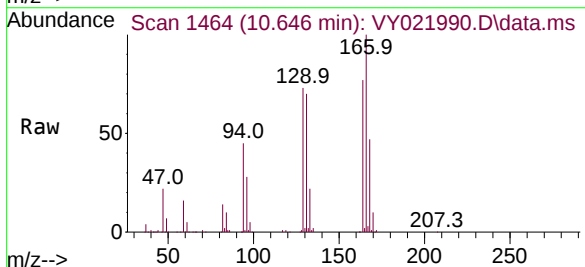
Ion Ratio Lower Upper

164 100

166 130.2 103.6 155.4

129 94.9 74.2 111.4

131 90.5 72.6 108.8





#65

Chlorobenzene

Concen: 19.794 ug/l

RT: 11.444 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

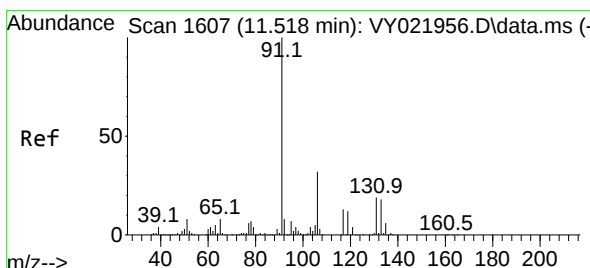
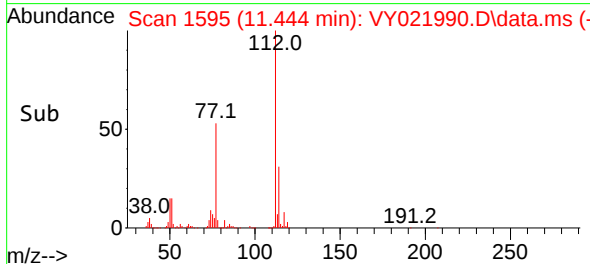
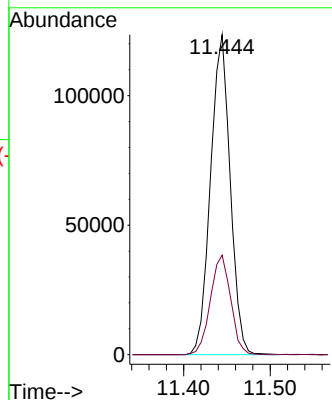
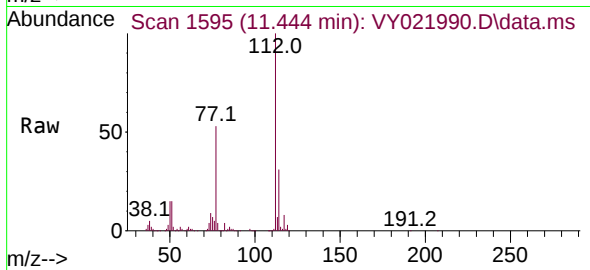
VY0424SBSD01

Tgt Ion:112 Resp: 194712

Ion Ratio Lower Upper

112 100

114 31.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.019 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

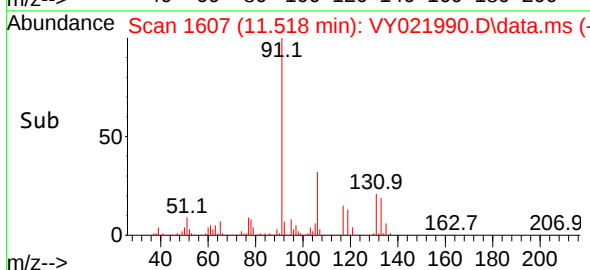
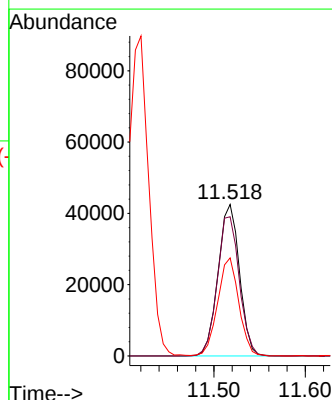
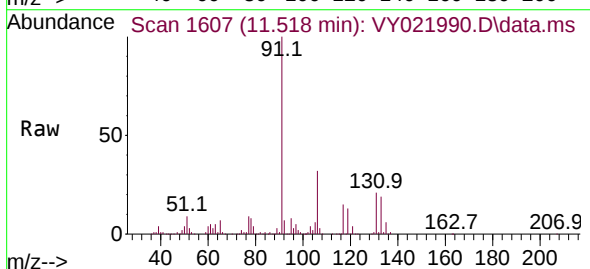
Tgt Ion:131 Resp: 69330

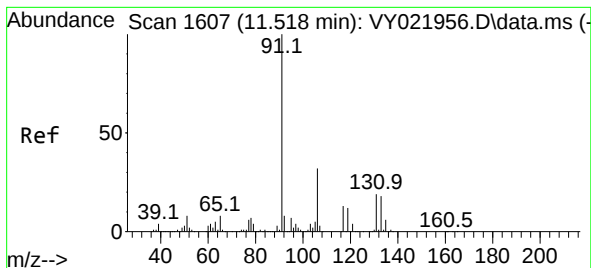
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 64.1 32.4 97.0





#67

Ethyl Benzene

Concen: 19.322 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

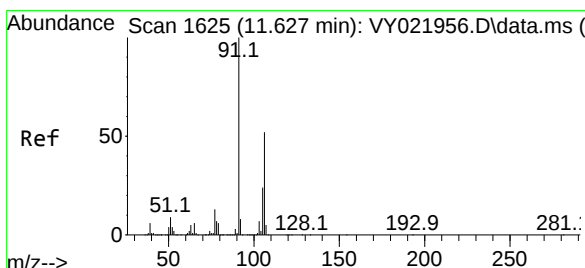
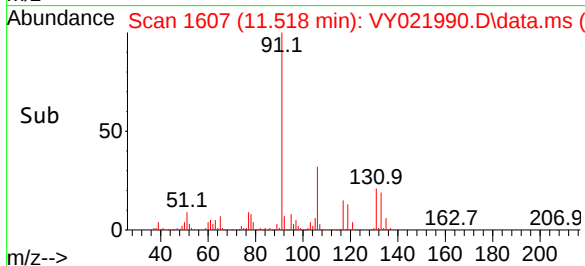
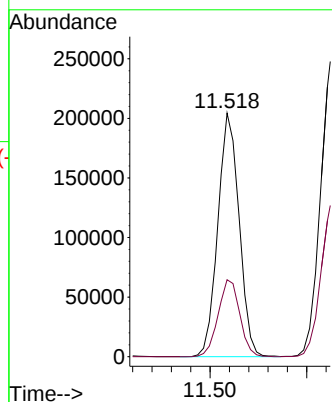
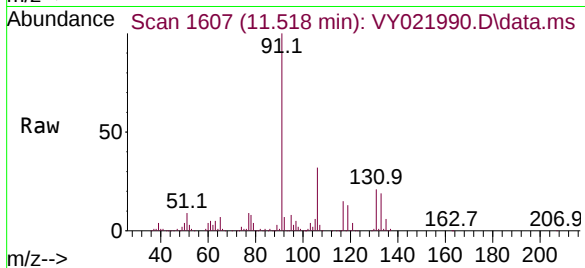
VY0424SBS01

Tgt Ion: 91 Resp: 310924

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 39.497 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021990.D

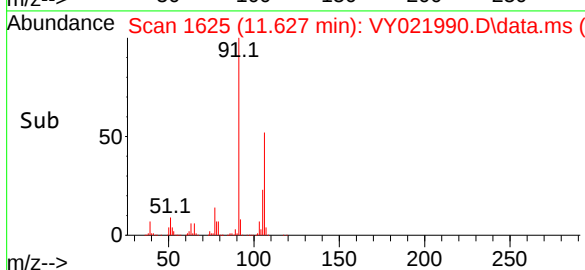
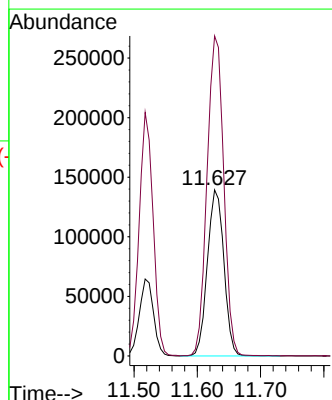
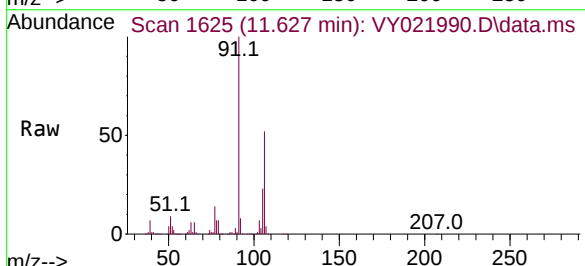
Acq: 24 Apr 2025 09:58

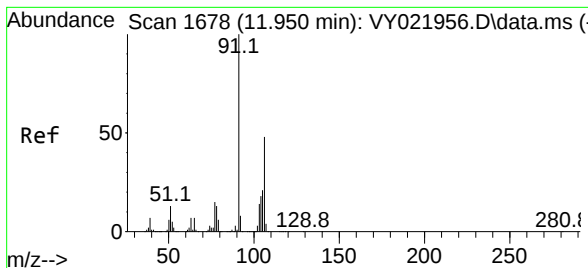
Tgt Ion: 106 Resp: 252914

Ion Ratio Lower Upper

106 100

91 194.3 156.2 234.2

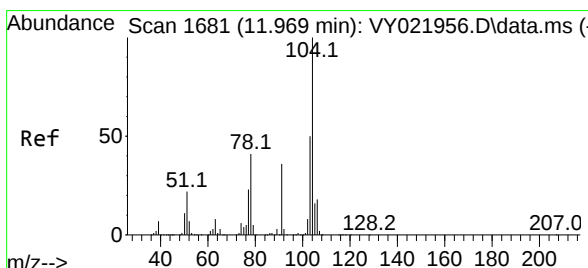
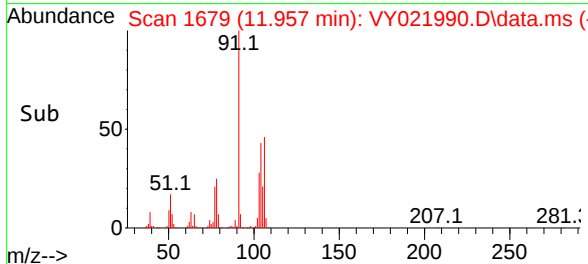
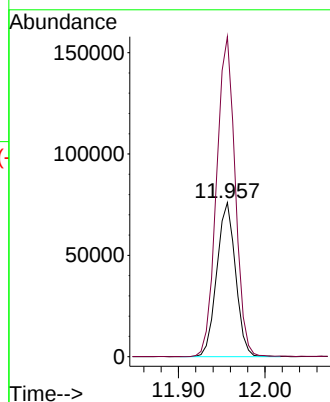
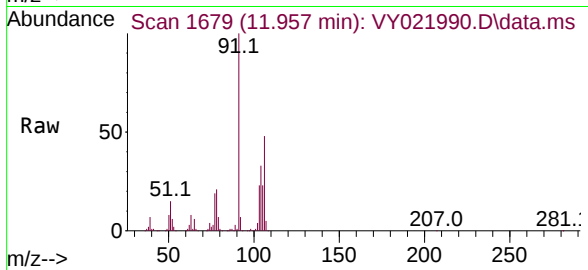




#69
o-Xylene
Concen: 19.375 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

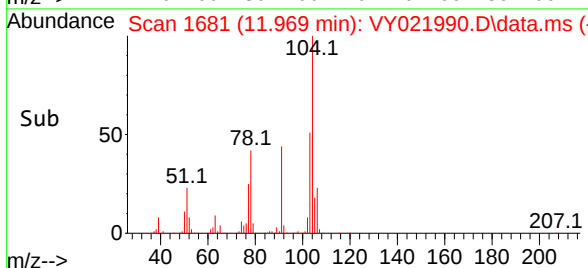
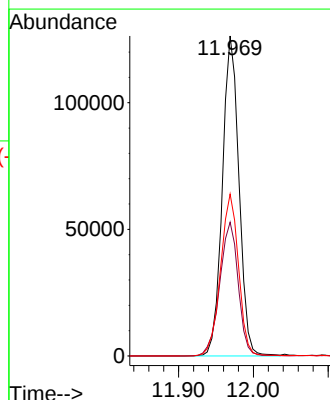
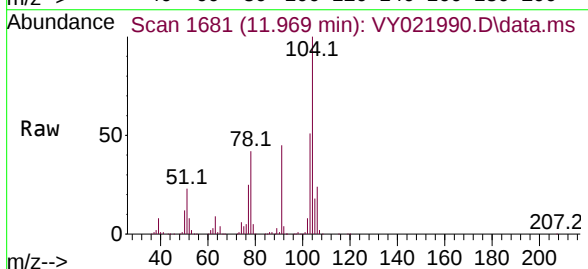
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

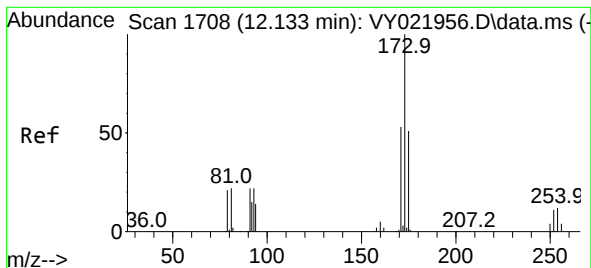
Tgt Ion:106 Resp: 114348
Ion Ratio Lower Upper
106 100
91 206.7 103.0 308.9



#70
Styrene
Concen: 19.702 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion:104 Resp: 195230
Ion Ratio Lower Upper
104 100
78 46.5 36.6 54.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 20.134 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBSD01

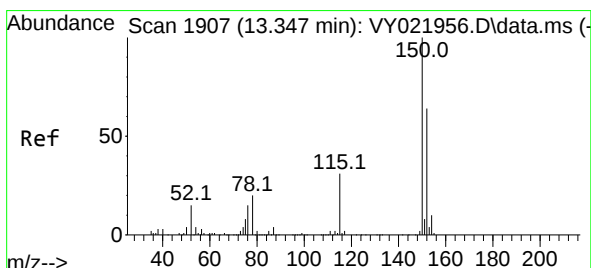
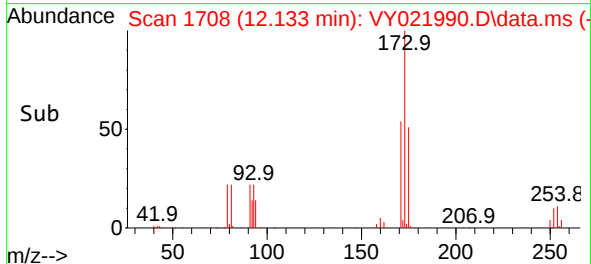
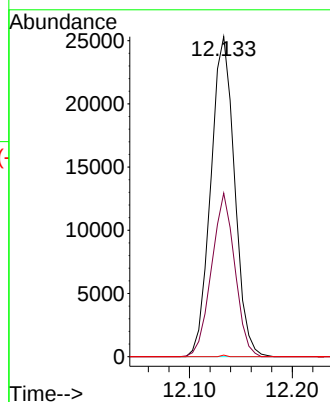
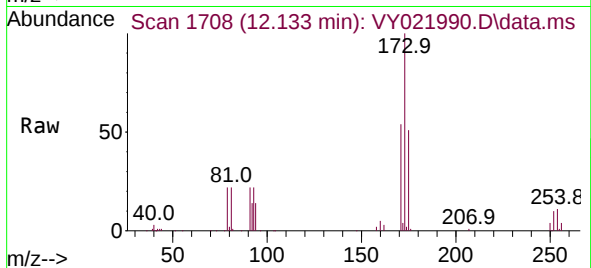
Tgt Ion:173 Resp: 40540

Ion Ratio Lower Upper

173 100

175 50.0 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

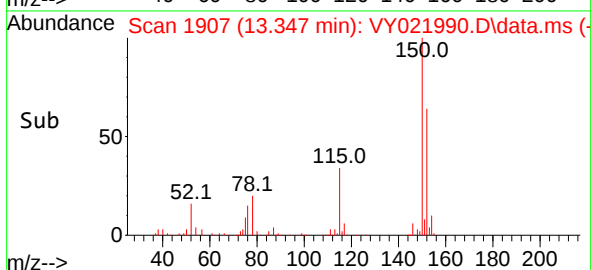
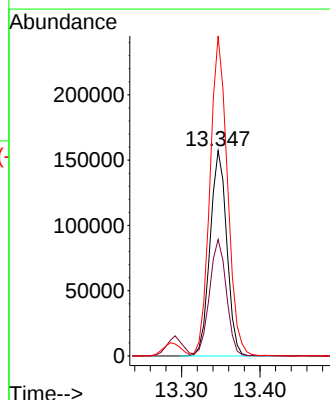
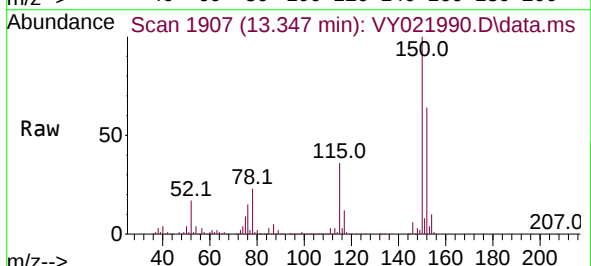
Tgt Ion:152 Resp: 232357

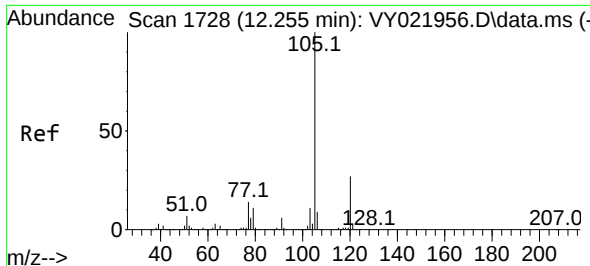
Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 163.5 0.0 345.6

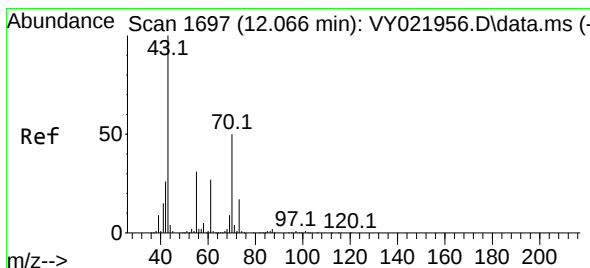
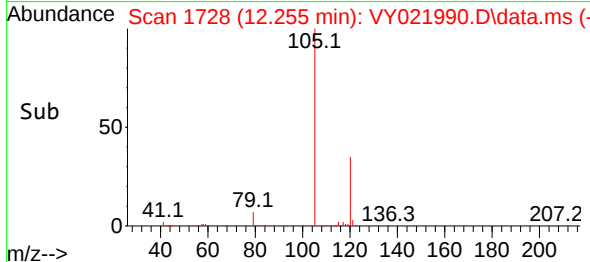
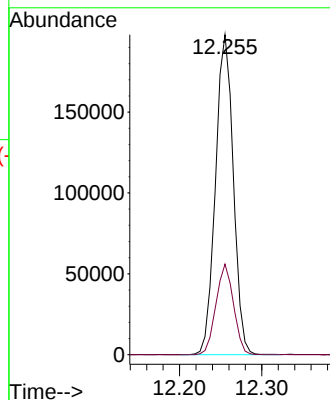
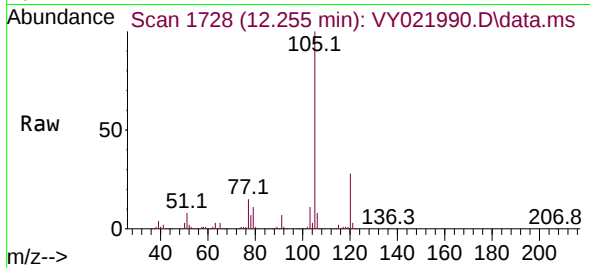




#73
Isopropylbenzene
Concen: 19.200 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

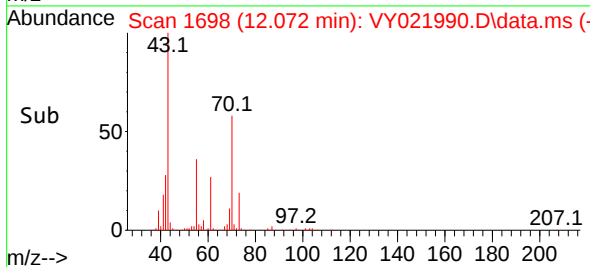
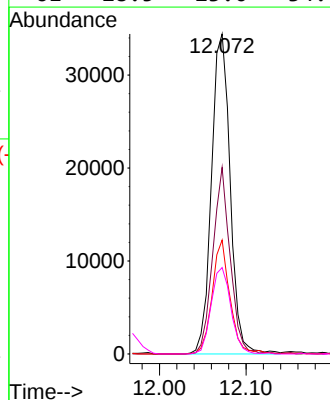
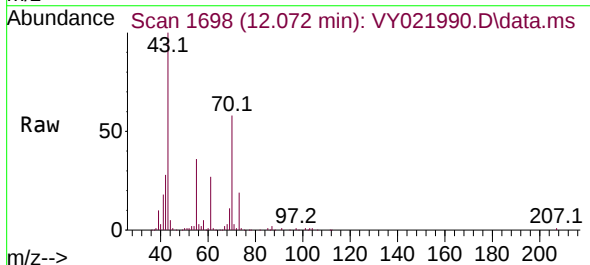
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBSD01

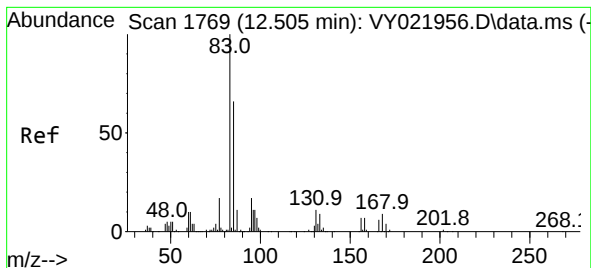
Tgt Ion:105 Resp: 298059
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5



#74
N-ethyl acetate
Concen: 19.396 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 43 Resp: 51733
Ion Ratio Lower Upper
43 100
70 54.3 43.2 64.8
55 34.0 25.7 38.5
61 28.5 23.0 34.6

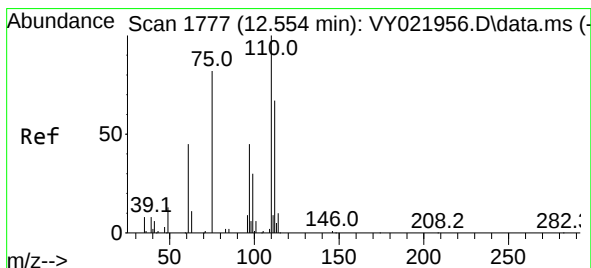
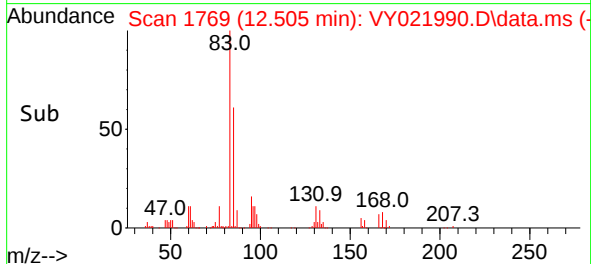
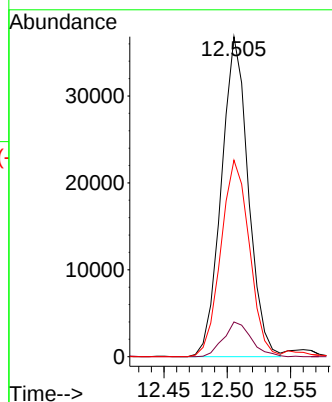
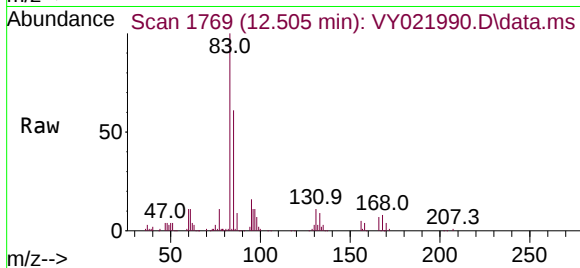




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.823 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

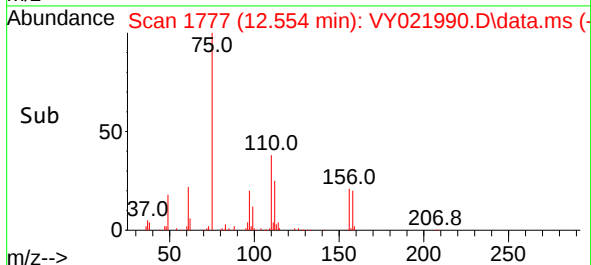
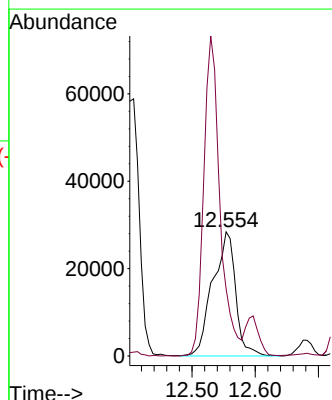
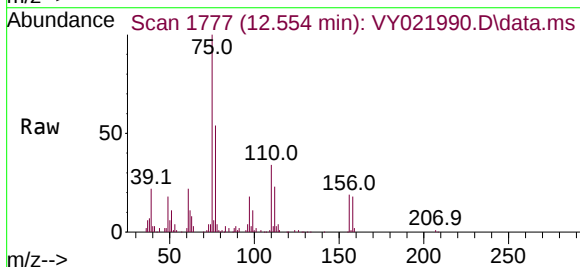
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBSD01

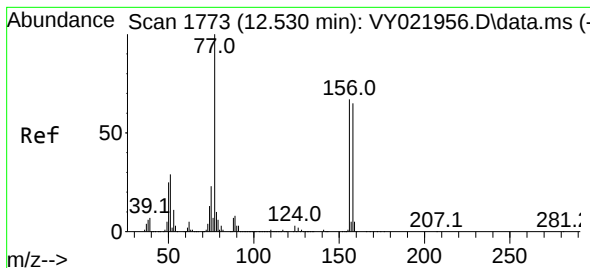
Tgt Ion: 83 Resp: 54499
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 65.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.839 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

Tgt Ion: 75 Resp: 71329
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.043 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBSD01

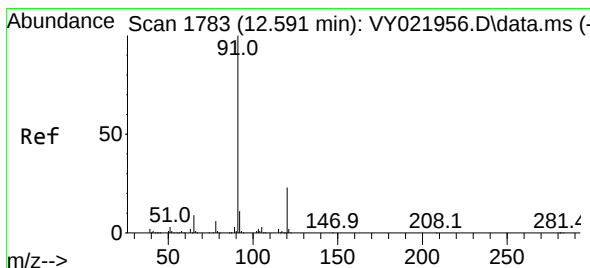
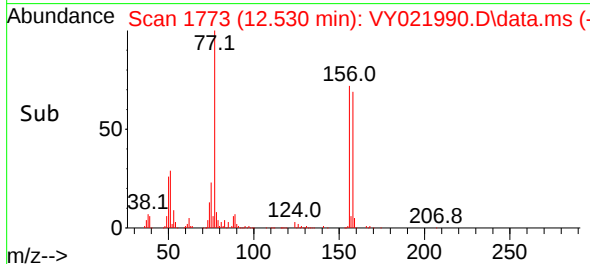
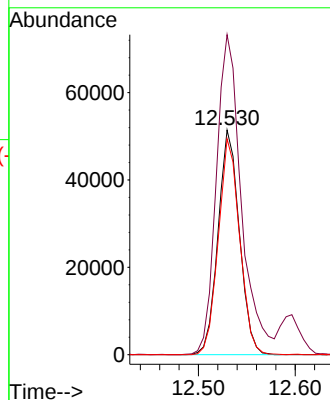
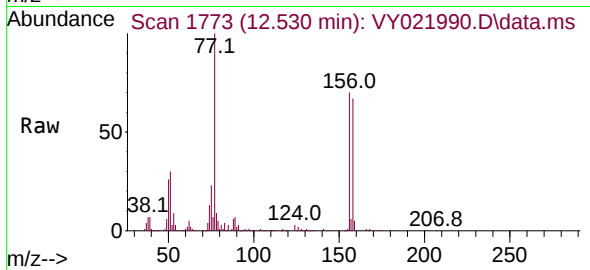
Tgt Ion:156 Resp: 78623

Ion Ratio Lower Upper

156 100

77 167.4 82.7 248.1

158 96.0 48.1 144.4



#78

n-propylbenzene

Concen: 19.637 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY021990.D

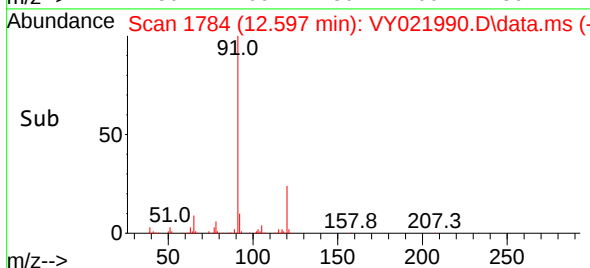
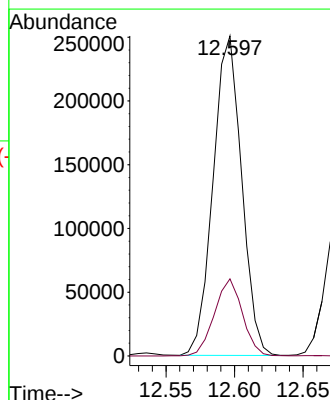
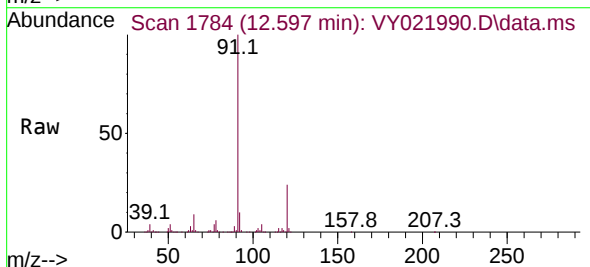
Acq: 24 Apr 2025 09:58

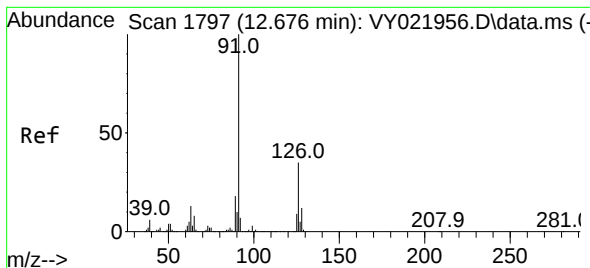
Tgt Ion: 91 Resp: 363025

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.567 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

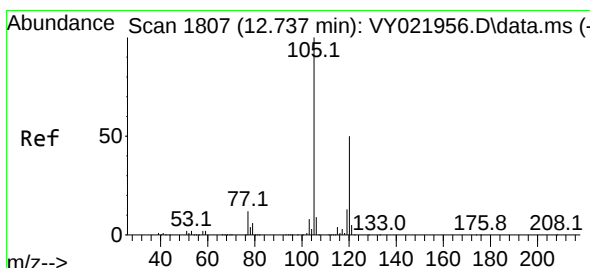
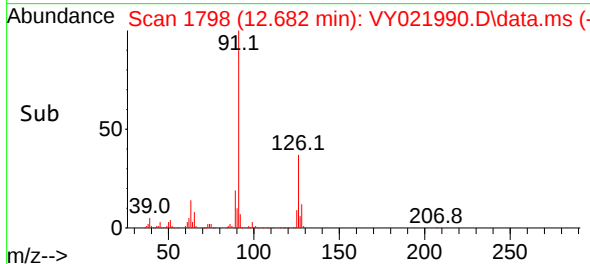
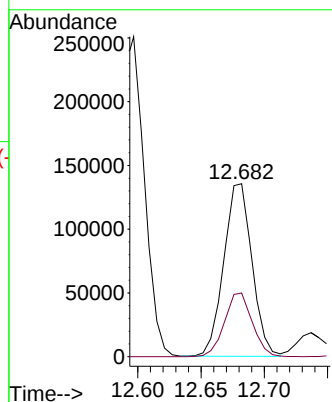
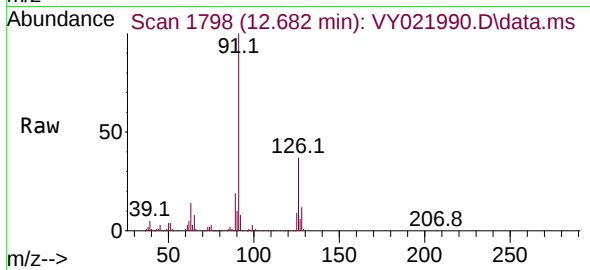
VY0424SBS01

Tgt Ion: 91 Resp: 210369

Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 19.600 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021990.D

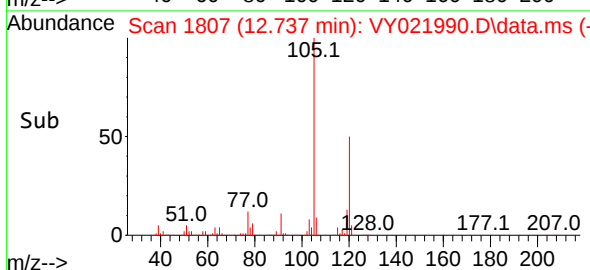
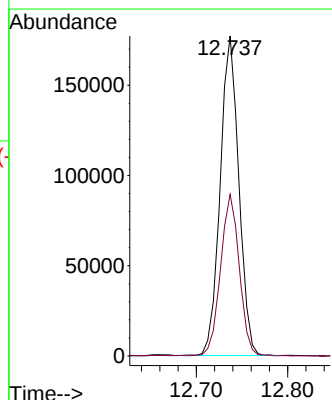
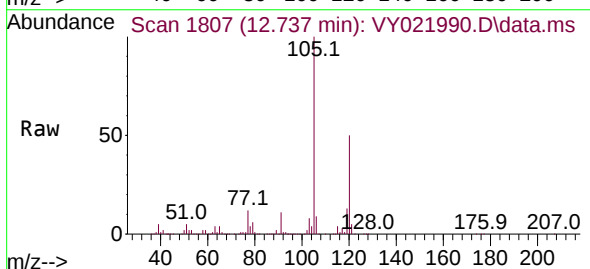
Acq: 24 Apr 2025 09:58

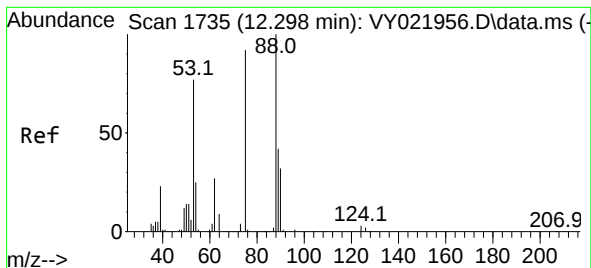
Tgt Ion: 105 Resp: 250705

Ion Ratio Lower Upper

105 100

120 50.9 25.0 75.0

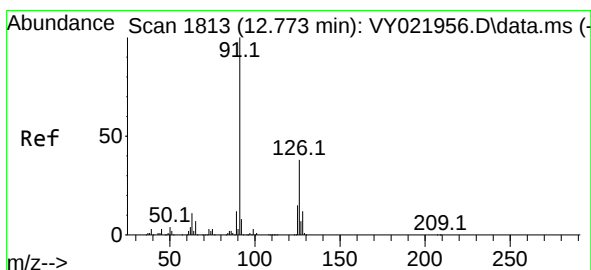
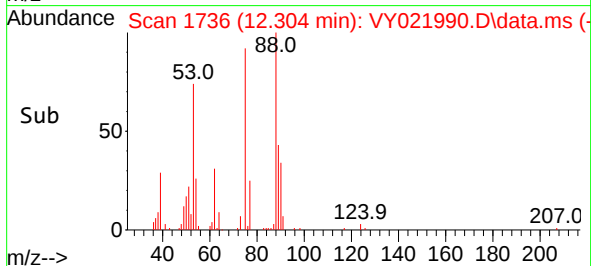
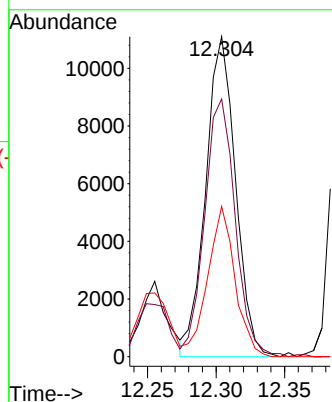
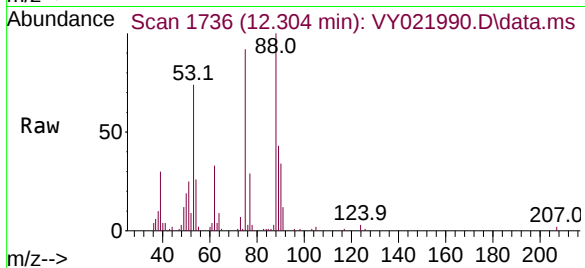




#81
trans-1,4-Dichloro-2-butene
Concen: 20.324 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

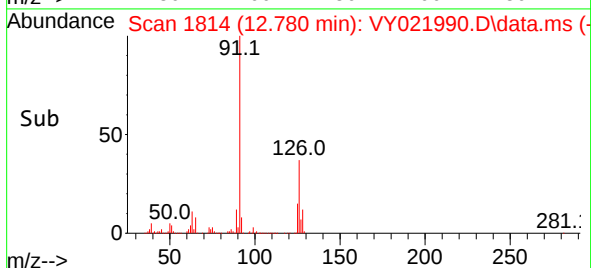
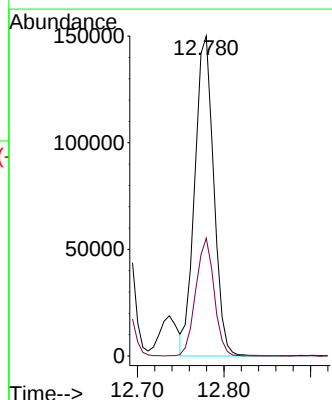
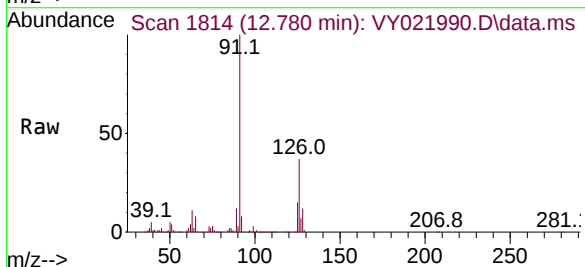
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

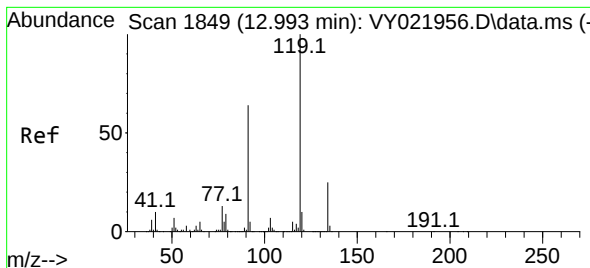
Tgt Ion: 75 Resp: 16797
Ion Ratio Lower Upper
75 100
53 82.7 66.0 99.0
89 43.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.378 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021990.D
Acq: 24 Apr 2025 09:58

Tgt Ion: 91 Resp: 227754
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.224 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBSD01

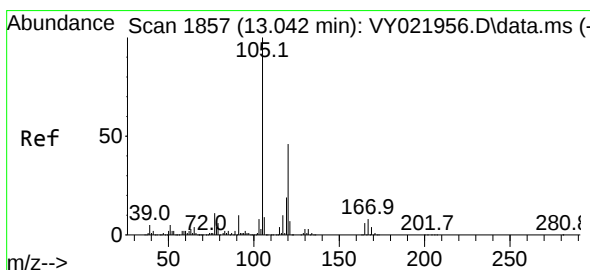
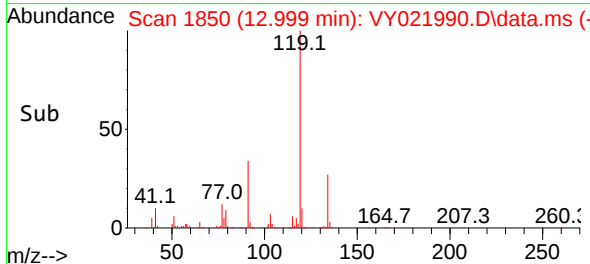
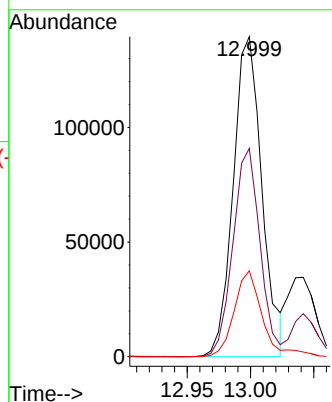
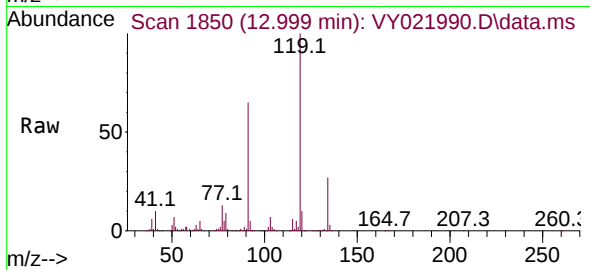
Tgt Ion:119 Resp: 220527

Ion Ratio Lower Upper

119 100

91 61.5 30.3 90.9

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.821 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021990.D

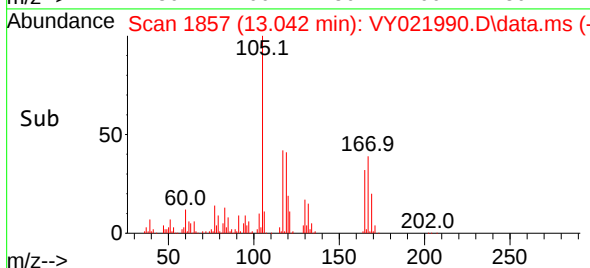
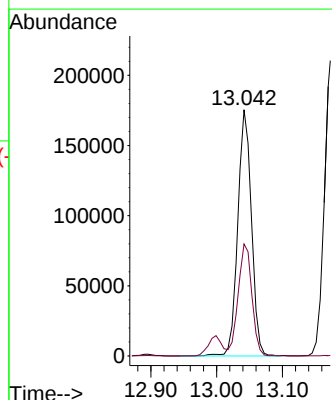
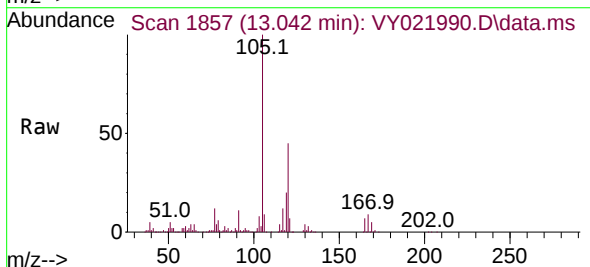
Acq: 24 Apr 2025 09:58

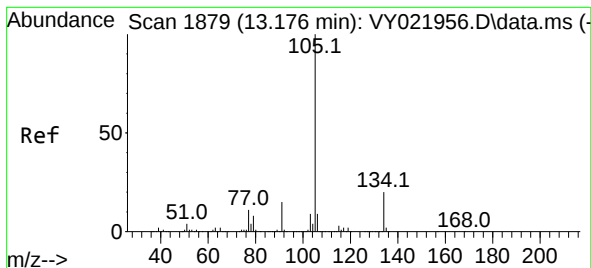
Tgt Ion:105 Resp: 253585

Ion Ratio Lower Upper

105 100

120 45.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.503 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

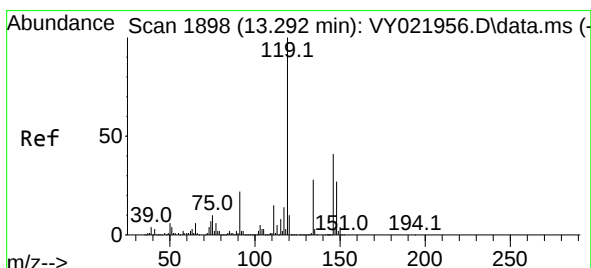
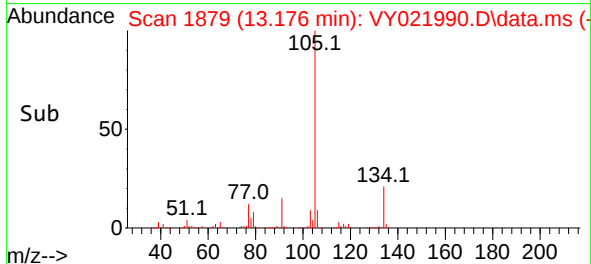
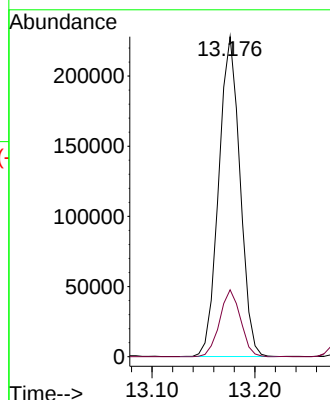
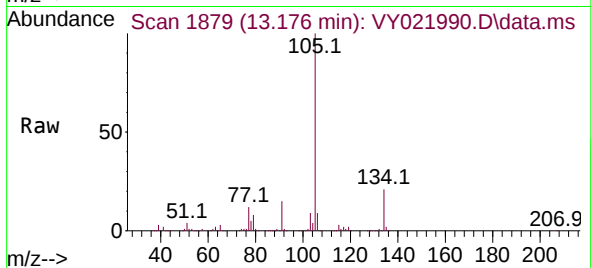
VY0424SBS01

Tgt Ion:105 Resp: 327384

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.262 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

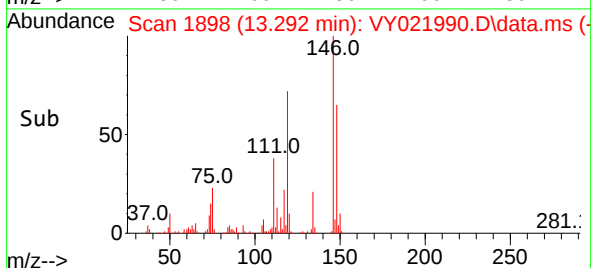
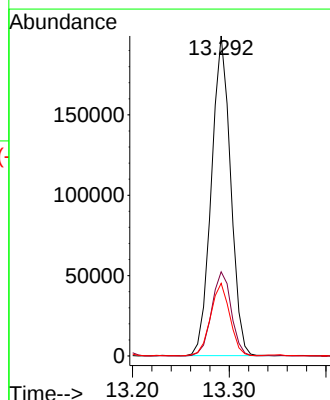
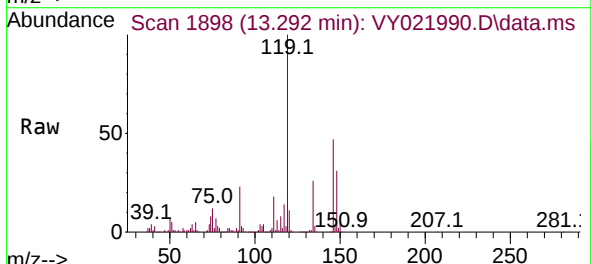
Tgt Ion:119 Resp: 274567

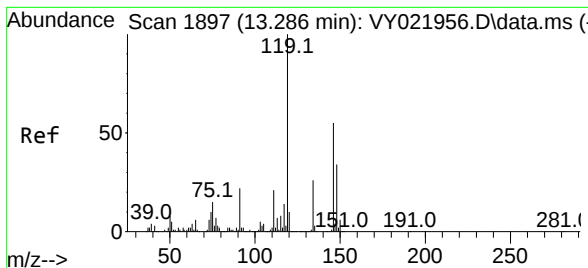
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.698 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

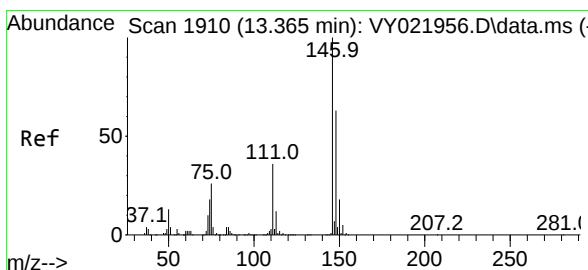
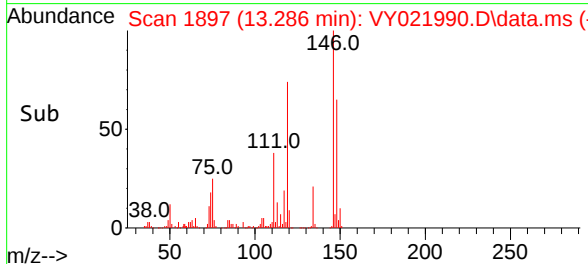
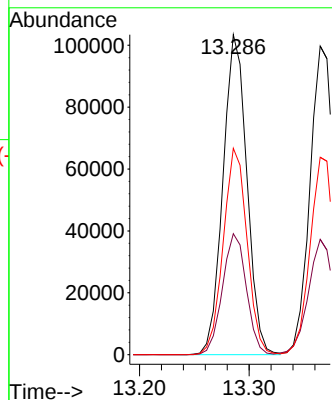
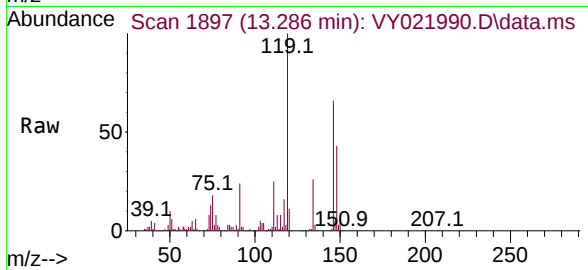
Tgt Ion:146 Resp: 156939

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.798 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

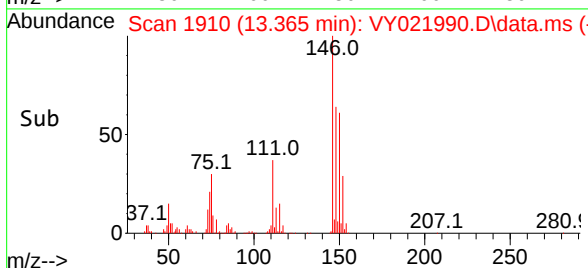
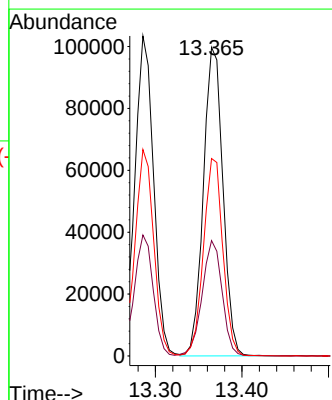
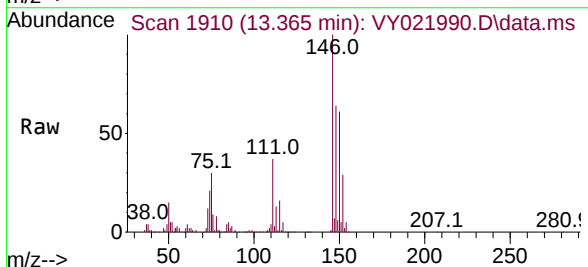
Tgt Ion:146 Resp: 156216

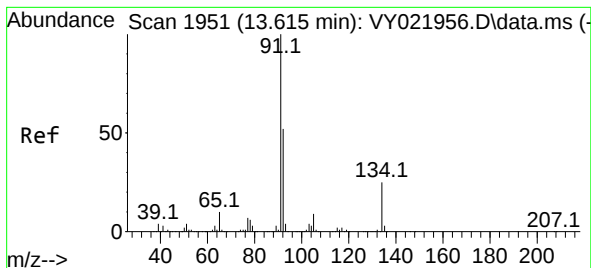
Ion Ratio Lower Upper

146 100

111 38.0 19.2 57.6

148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.768 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

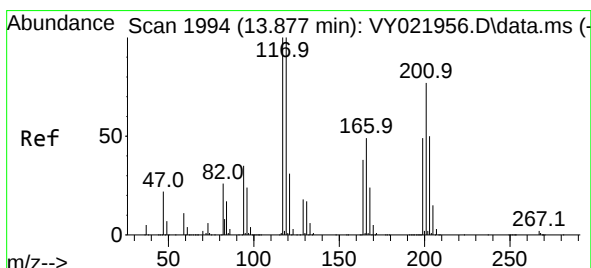
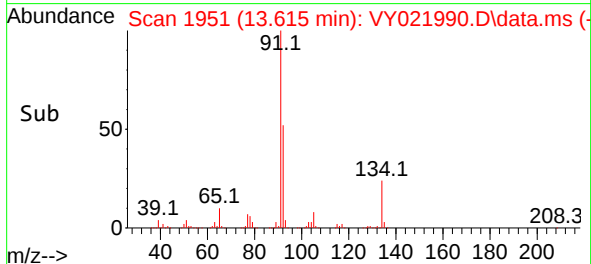
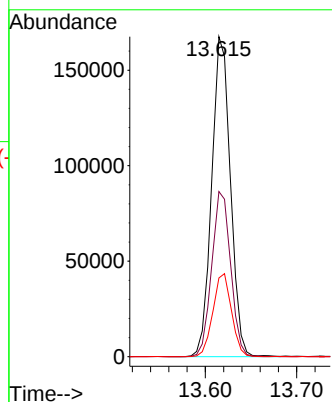
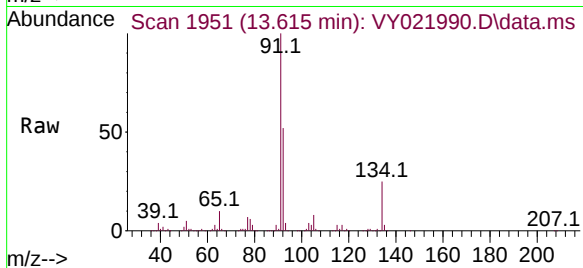
Tgt Ion: 91 Resp: 239124

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 25.8 13.4 40.1



#90

Hexachloroethane

Concen: 19.134 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021990.D

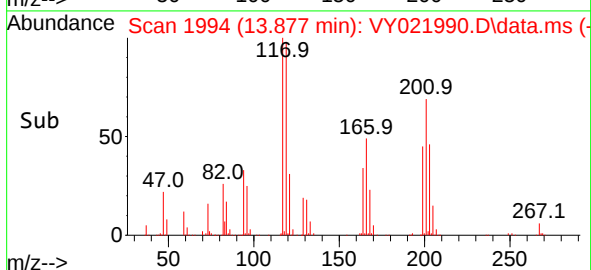
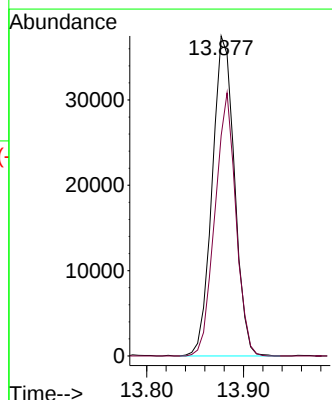
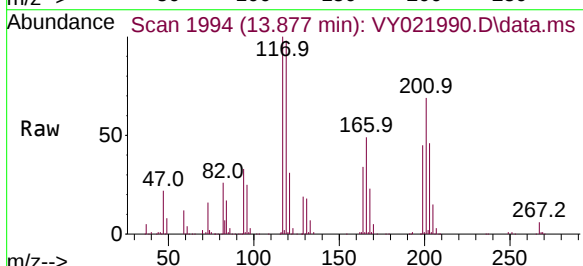
Acq: 24 Apr 2025 09:58

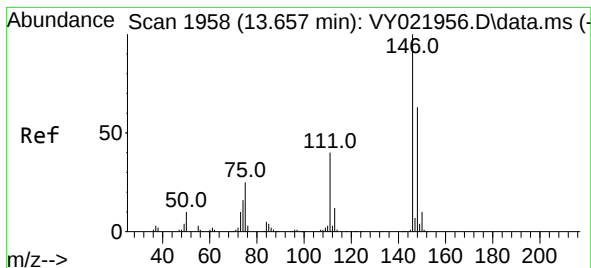
Tgt Ion: 117 Resp: 59923

Ion Ratio Lower Upper

117 100

201 77.1 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 19.554 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBSD01

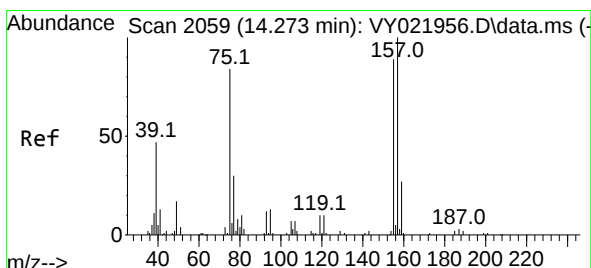
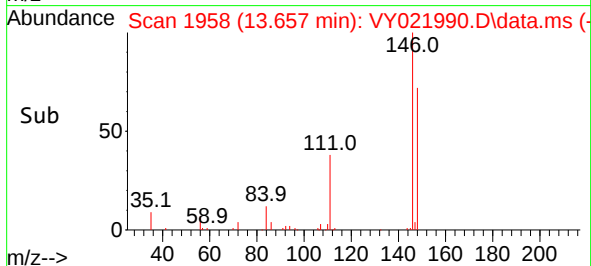
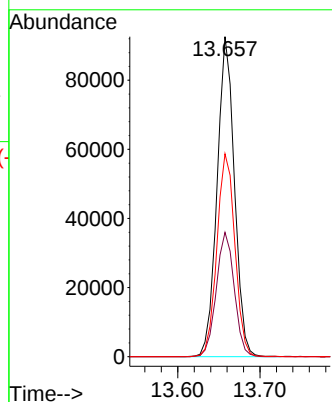
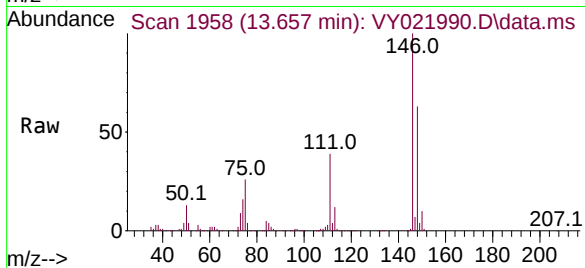
Tgt Ion:146 Resp: 135878

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

148 65.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.858 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

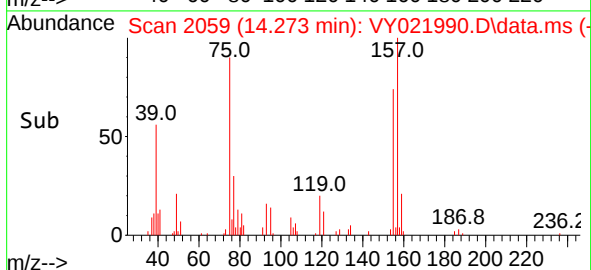
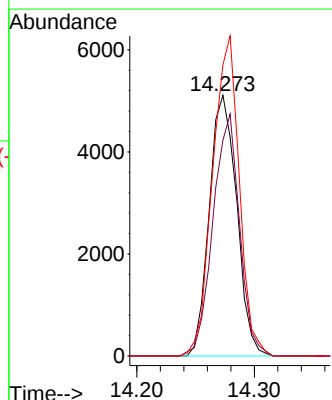
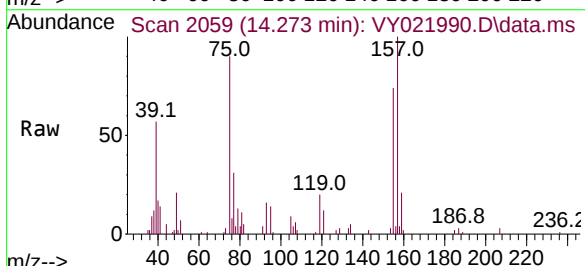
Tgt Ion: 75 Resp: 8269

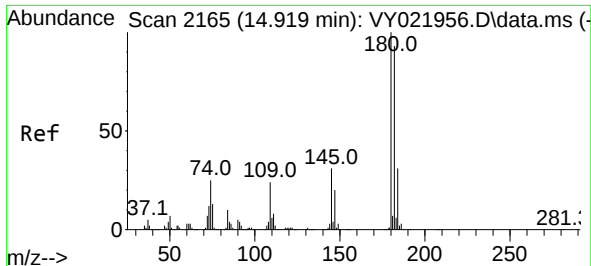
Ion Ratio Lower Upper

75 100

155 90.0 50.7 152.3

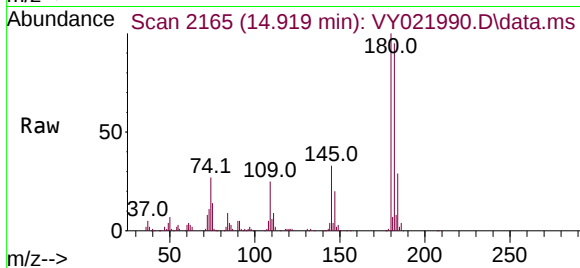
157 119.3 62.6 187.8



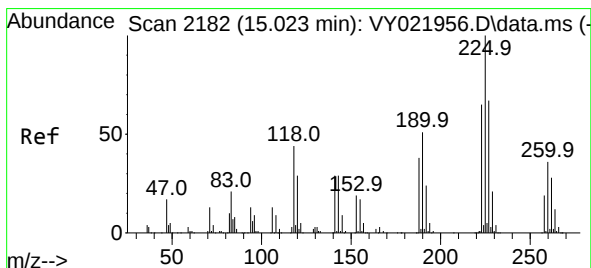
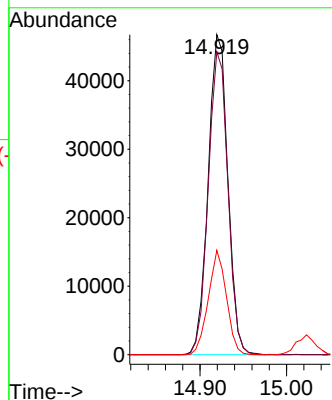
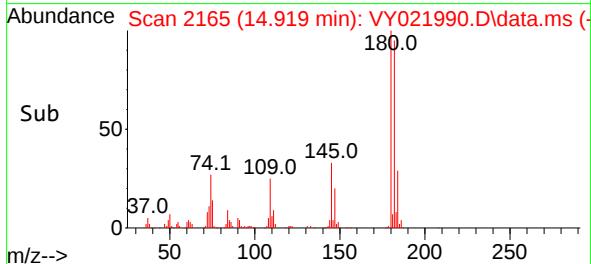


#93
 1,2,4-Trichlorobenzene
 Concen: 18.723 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58

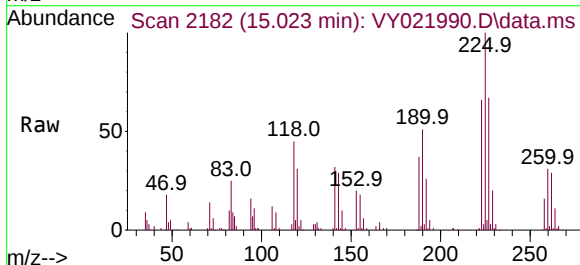
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01



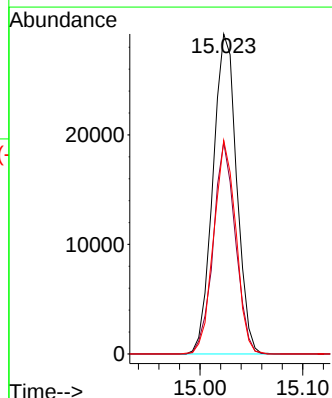
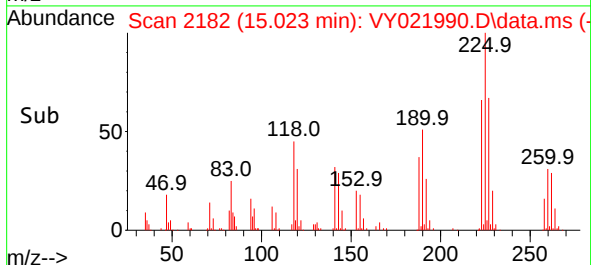
Tgt Ion:180 Resp: 73724
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.1 141.4
 145 30.1 15.0 45.0

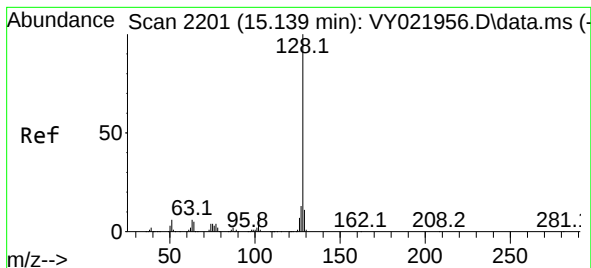


#94
 Hexachlorobutadiene
 Concen: 19.269 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY021990.D
 Acq: 24 Apr 2025 09:58



Tgt Ion:225 Resp: 46684
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.5
 227 62.5 32.3 96.9





#95

Naphthalene

Concen: 18.439 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

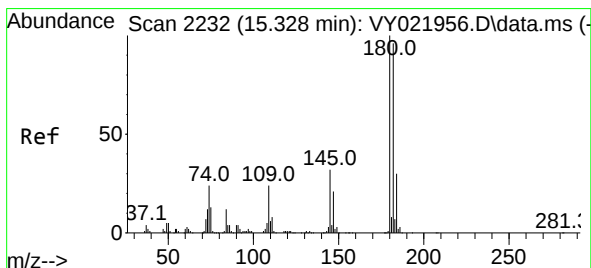
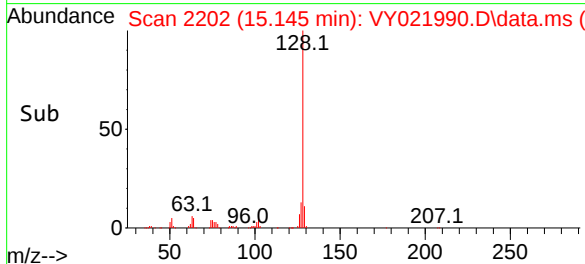
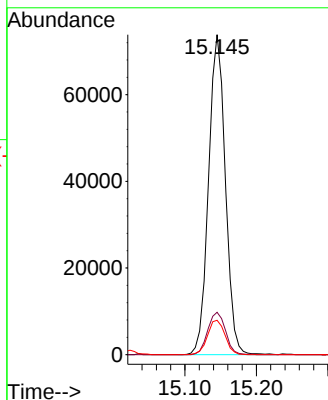
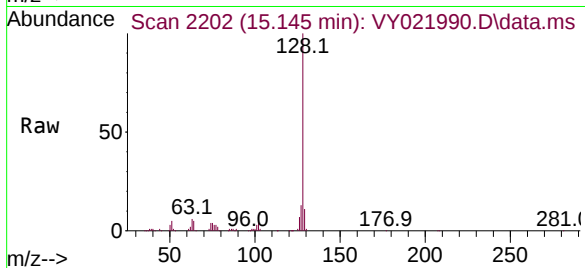
Tgt Ion:128 Resp: 120616

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.072 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021990.D

Acq: 24 Apr 2025 09:58

Tgt Ion:180 Resp: 64827

Ion Ratio Lower Upper

180 100

182 94.0 48.1 144.4

145 31.9 16.0 48.0

