

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022184.D
 Acq On : 07 May 2025 10:58
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Quant Time: May 08 01:41:09 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	7.707	168	205040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	326892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	299208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	165883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101634	53.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.320%	
35) Dibromofluoromethane	7.634	113	107503	49.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.560%	
50) Toluene-d8	10.109	98	411490	50.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.408	95	138806	50.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32010	18.321	ug/l	99
3) Chloromethane	2.062	50	62392	25.080	ug/l	98
4) Vinyl Chloride	2.202	62	71581	23.415	ug/l	99
5) Bromomethane	2.592	94	69481	26.380	ug/l	96
6) Chloroethane	2.733	64	51166	24.575	ug/l	99
7) Trichlorofluoromethane	3.056	101	88381	21.924	ug/l	98
8) Diethyl Ether	3.452	74	22977	21.899	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	46724	21.366	ug/l	99
10) Methyl Iodide	4.001	142	47644	18.818	ug/l	100
11) Tert butyl alcohol	4.885	59	11303	108.709	ug/l	96
12) 1,1-Dichloroethene	3.787	96	42513	20.857	ug/l	93
13) Acrolein	3.653	56	10106	54.154	ug/l	99
14) Allyl chloride	4.379	41	51366	21.642	ug/l	98
15) Acrylonitrile	5.061	53	41090	106.973	ug/l	99
16) Acetone	3.873	43	33890	126.125	ug/l #	86
17) Carbon Disulfide	4.104	76	135107	20.788	ug/l	98
18) Methyl Acetate	4.391	43	20014	22.623	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	95186	20.864	ug/l	99
20) Methylene Chloride	4.610	84	51766	21.616	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	48848	21.398	ug/l	98
22) Diisopropyl ether	6.019	45	123830	23.445	ug/l	96
23) Vinyl Acetate	5.958	43	315993	111.011	ug/l	97
24) 1,1-Dichloroethane	5.915	63	82514	22.538	ug/l	97
25) 2-Butanone	6.896	43	48911	113.296	ug/l	95
26) 2,2-Dichloropropane	6.884	77	72350	22.547	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55952	21.921	ug/l	100
28) Bromochloromethane	7.244	49	32904	23.139	ug/l	95
29) Tetrahydrofuran	7.268	42	30874	110.112	ug/l	97
30) Chloroform	7.421	83	90585	22.306	ug/l	98
31) Cyclohexane	7.701	56	64218	20.512	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	81373	22.148	ug/l	98
36) 1,1-Dichloropropene	7.835	75	61477	21.192	ug/l	98
37) Ethyl Acetate	6.982	43	22311	21.414	ug/l	100
38) Carbon Tetrachloride	7.817	117	71972	20.763	ug/l	95
39) Methylcyclohexane	9.109	83	71107	19.478	ug/l	94
40) Benzene	8.079	78	198031	21.838	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	12372	21.722	ug/l	95
42) 1,2-Dichloroethane	8.158	62	50654	22.561	ug/l	99
43) Isopropyl Acetate	8.195	43	43024	21.503	ug/l	98
44) Trichloroethene	8.866	130	51892	20.660	ug/l	92
45) 1,2-Dichloropropane	9.140	63	46285	23.080	ug/l	97
46) Dibromomethane	9.231	93	27749	22.104	ug/l	97
47) Bromodichloromethane	9.420	83	69364	22.118	ug/l	94
48) Methyl methacrylate	9.219	41	19045	20.590	ug/l	99
49) 1,4-Dioxane	9.231	88	5235	391.252	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	116205	110.791	ug/l	98
52) Toluene	10.170	92	127155	21.662	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58557	21.769	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	69724	21.805	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	38082	22.710	ug/l	97
56) Ethyl methacrylate	10.439	69	38020	19.827	ug/l	96
57) 1,3-Dichloropropane	10.719	76	58963	21.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	96784	103.227	ug/l	98
59) 2-Hexanone	10.762	43	74729	108.019	ug/l	95
60) Dibromochloromethane	10.914	129	49615	21.371	ug/l	98
61) 1,2-Dibromoethane	11.018	107	33910	21.420	ug/l	99
64) Tetrachloroethene	10.646	164	60955	21.595	ug/l	95
65) Chlorobenzene	11.444	112	140724	21.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	50316	21.360	ug/l	98
67) Ethyl Benzene	11.518	91	223509	20.420	ug/l	100
68) m/p-Xylenes	11.627	106	184214	42.295	ug/l	99
69) o-Xylene	11.957	106	82090	20.449	ug/l	100
70) Styrene	11.969	104	141762	21.032	ug/l	99
71) Bromoform	12.133	173	28663	20.929	ug/l #	100
73) Isopropylbenzene	12.255	105	216768	19.559	ug/l	100
74) N-amyl acetate	12.072	43	38083	20.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39962	21.387	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	52068	36.645	ug/l #	100
77) Bromobenzene	12.530	156	54922	19.612	ug/l	93
78) n-propylbenzene	12.597	91	267600	20.275	ug/l	99
79) 2-Chlorotoluene	12.682	91	156077	20.334	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	184894	20.248	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12233	20.733	ug/l	98
82) 4-Chlorotoluene	12.780	91	167701	21.018	ug/l	98
83) tert-Butylbenzene	12.999	119	158382	19.339	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	188897	20.681	ug/l	98
85) sec-Butylbenzene	13.176	105	237888	19.851	ug/l	100
86) p-Isopropyltoluene	13.292	119	202784	19.927	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	115298	20.271	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	116826	20.739	ug/l	99
89) n-Butylbenzene	13.621	91	179599	19.745	ug/l	98
90) Hexachloroethane	13.877	117	45266	20.246	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	102002	20.561	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5922	19.921	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	53831	19.149	ug/l	98
94) Hexachlorobutadiene	15.023	225	34543	19.971	ug/l	96
95) Naphthalene	15.145	128	79205	16.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	46563	19.188	ug/l	96

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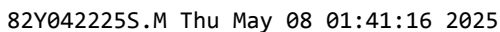
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

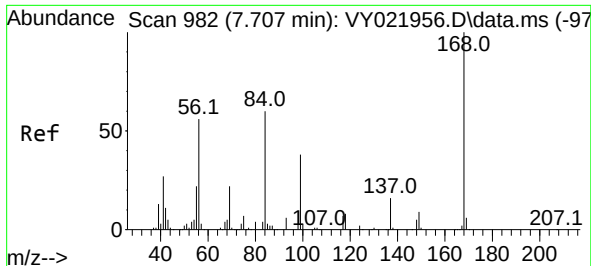
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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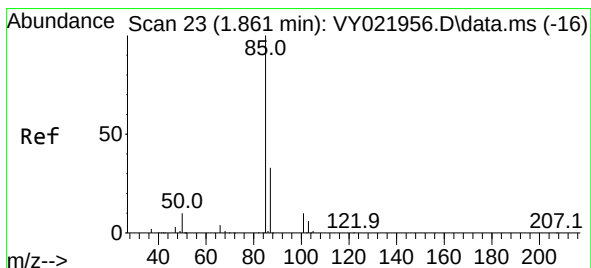
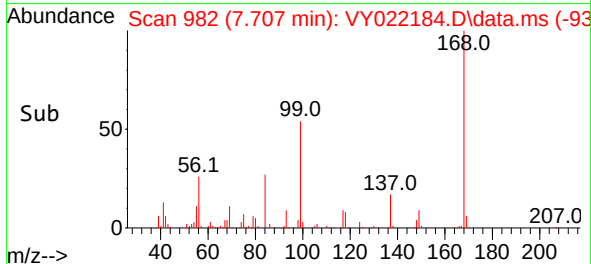
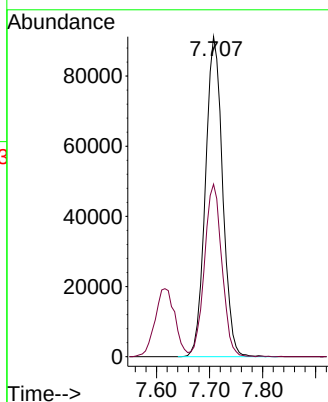
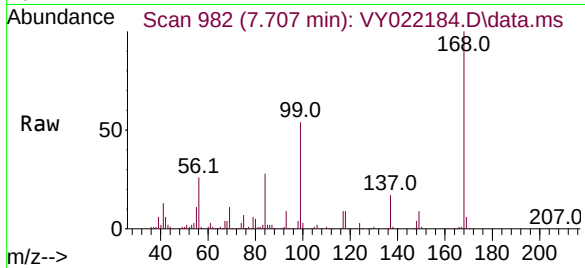




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022184.D
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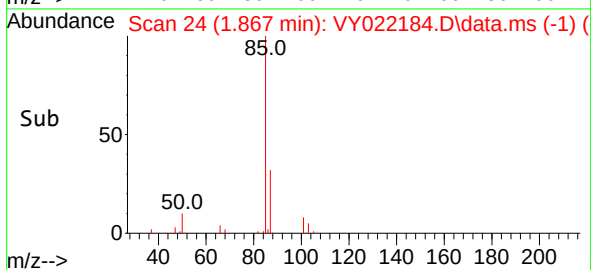
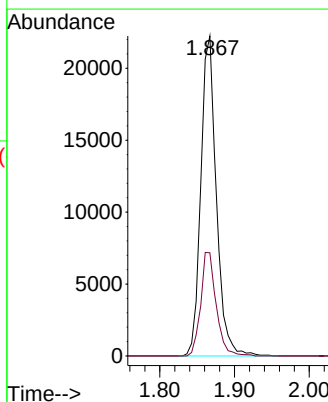
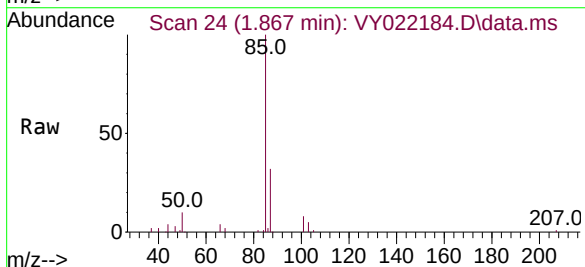
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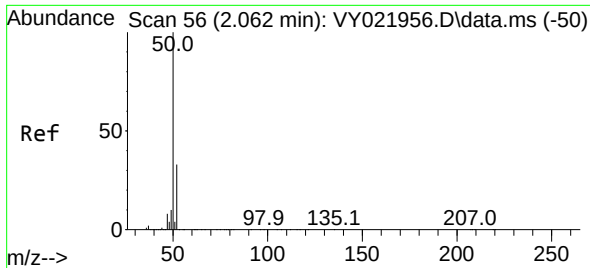
Tgt Ion:168 Resp: 205040
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 18.321 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 85 Resp: 32010
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

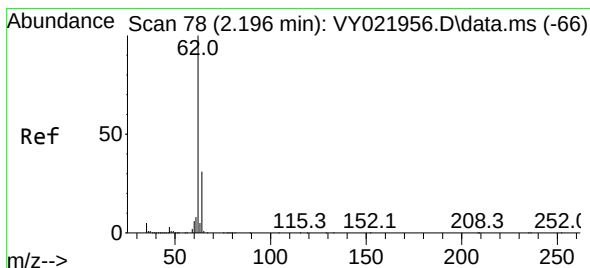
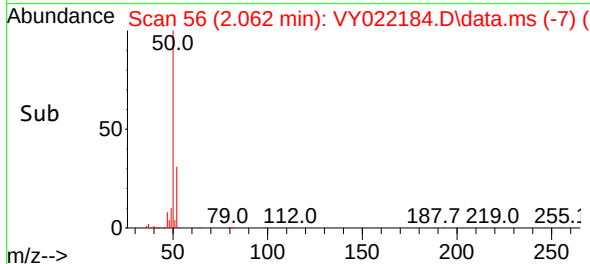
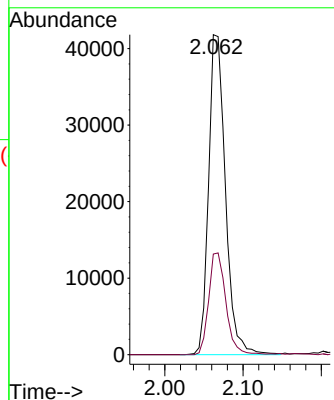
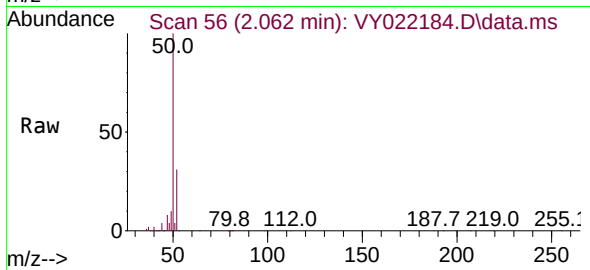




#3
Chloromethane
Concen: 25.080 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

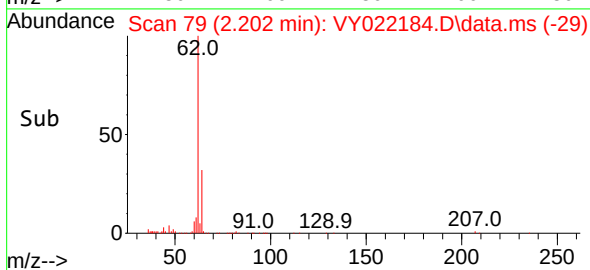
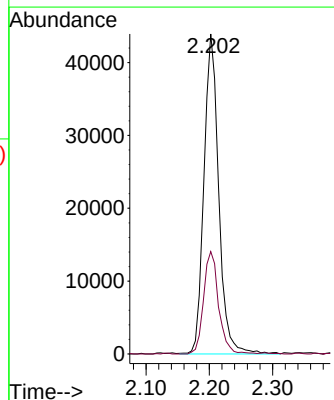
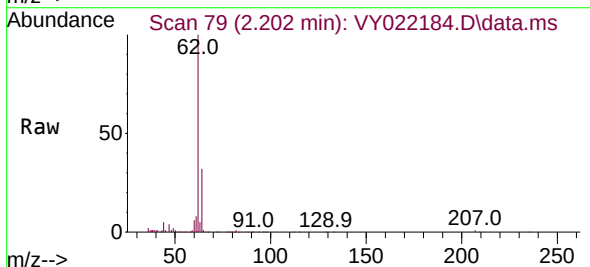
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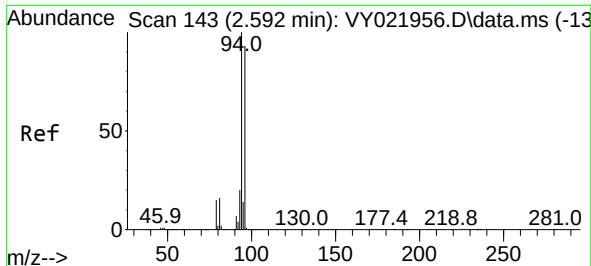
Tgt Ion: 50 Resp: 62392
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1



#4
Vinyl Chloride
Concen: 23.415 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 62 Resp: 71581
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7

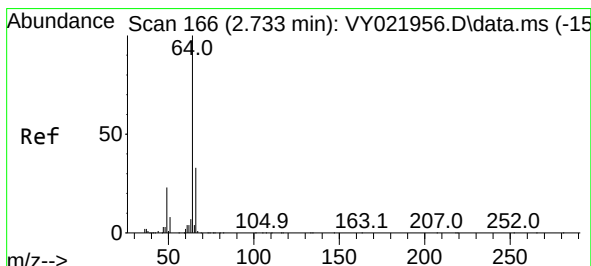
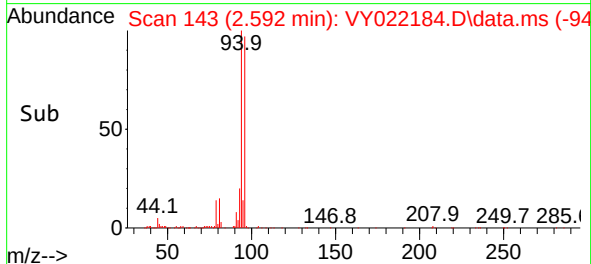
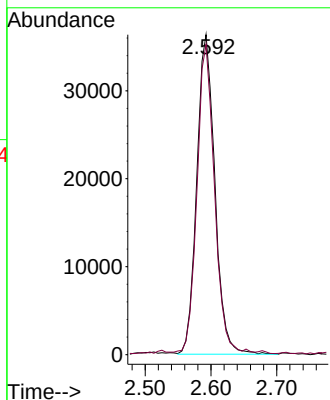
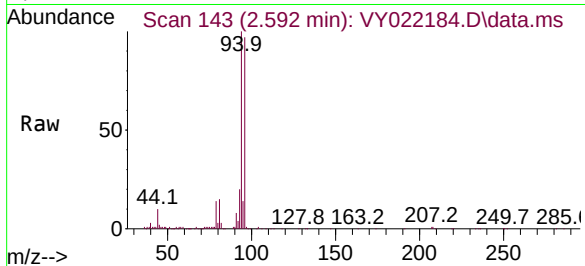




#5
Bromomethane
Concen: 26.380 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

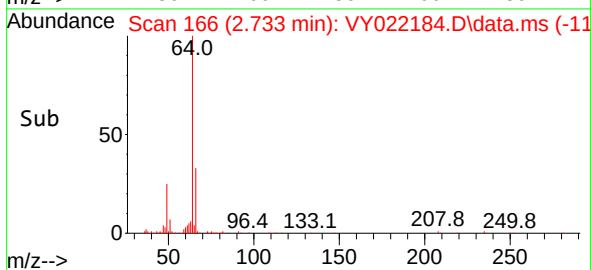
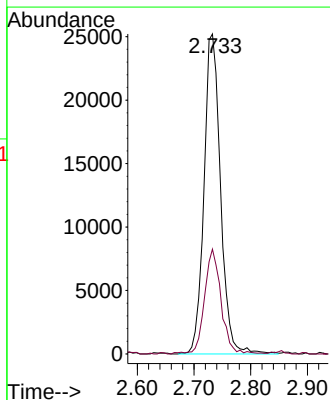
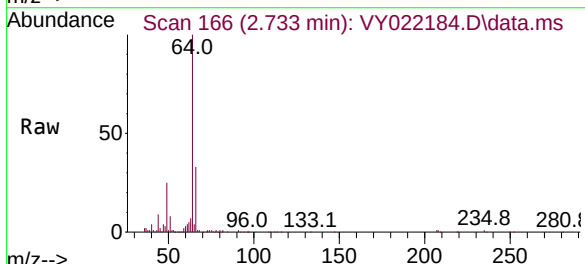
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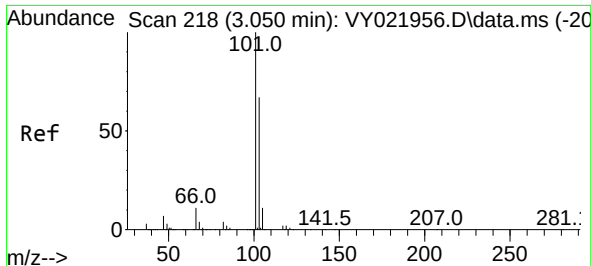
Tgt Ion: 94 Resp: 69481
Ion Ratio Lower Upper
94 100
96 96.6 74.6 111.8



#6
Chloroethane
Concen: 24.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 64 Resp: 51166
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

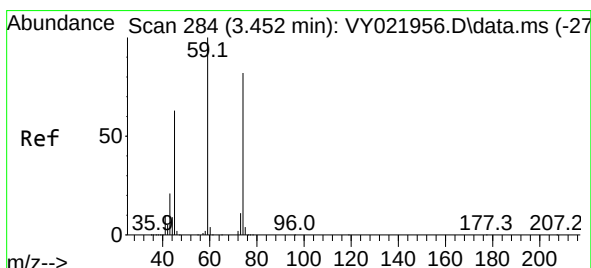
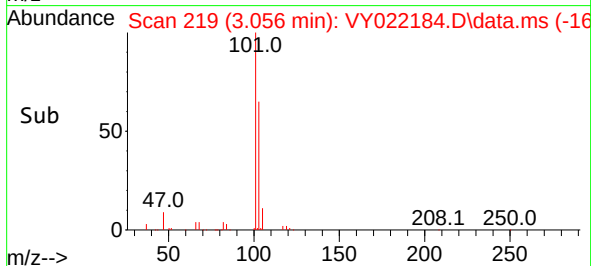
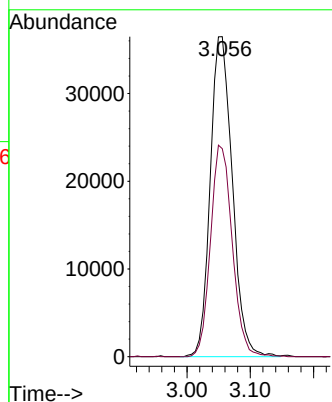
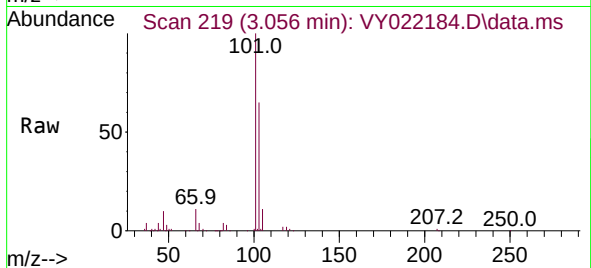




#7
Trichlorofluoromethane
Concen: 21.924 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022184.D
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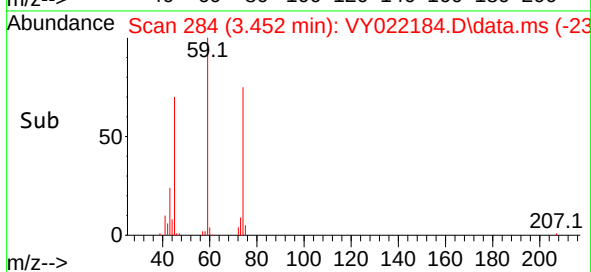
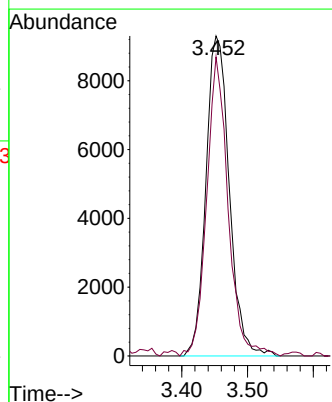
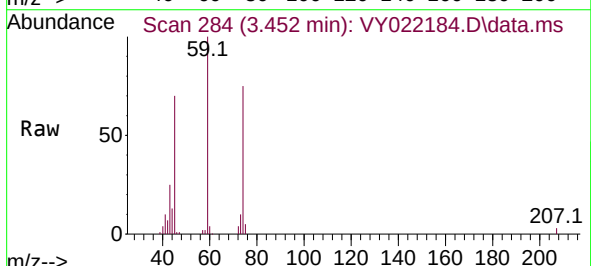
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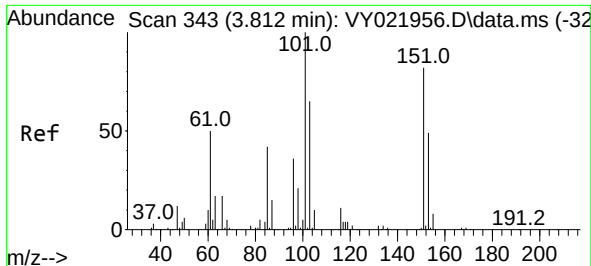
Tgt Ion:101 Resp: 88381
Ion Ratio Lower Upper
101 100
103 65.0 53.6 80.4



#8
Diethyl Ether
Concen: 21.899 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022184.D
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Tgt Ion: 74 Resp: 22977
Ion Ratio Lower Upper
74 100
45 85.5 39.1 117.5

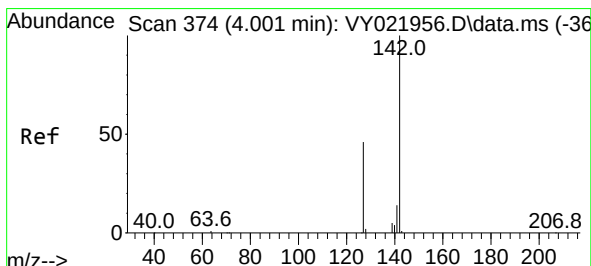
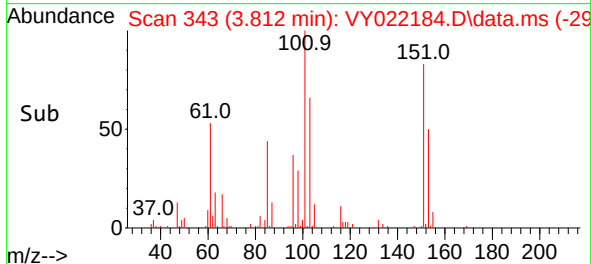
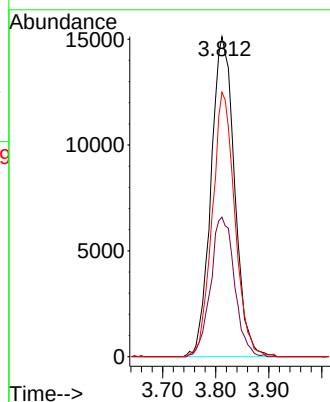
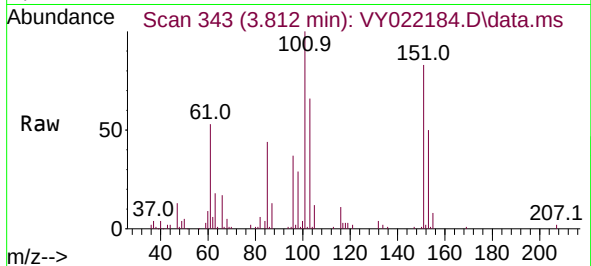




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.366 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

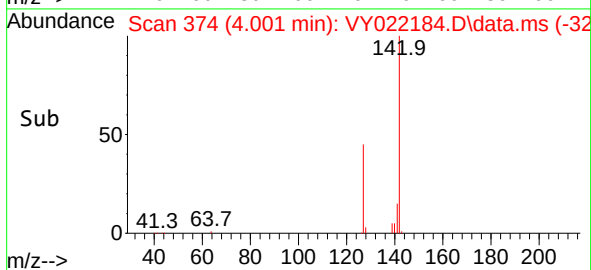
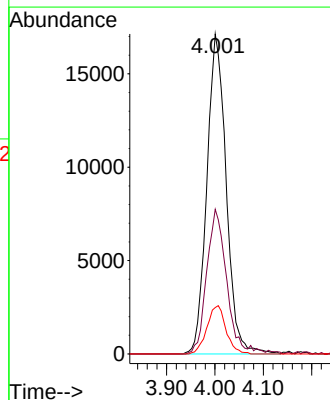
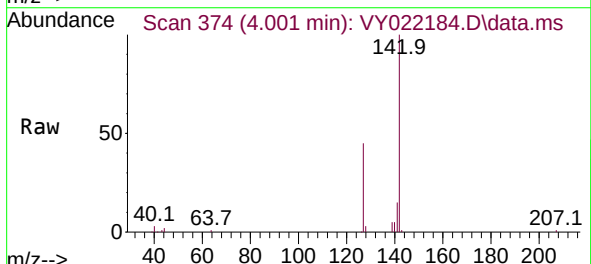
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

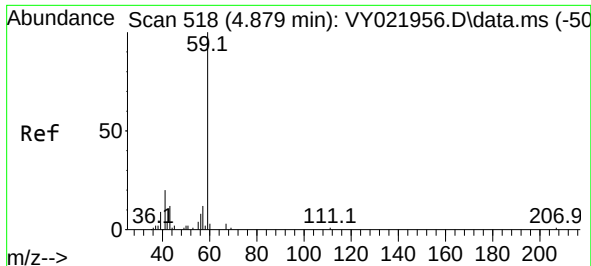
Tgt Ion:101 Resp: 46724
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 79.4 63.7 95.5



#10
Methyl Iodide
Concen: 18.818 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion:142 Resp: 47644
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.2
141 14.9 11.7 17.5

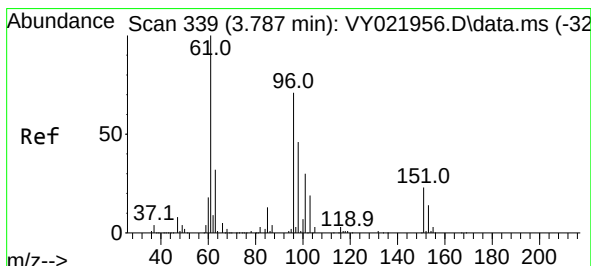
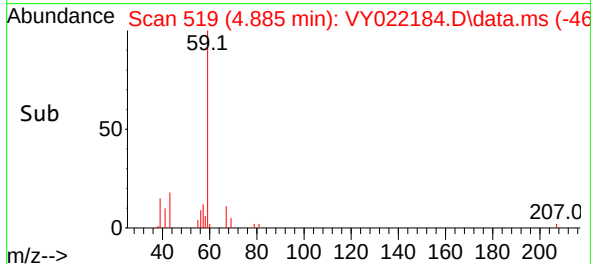
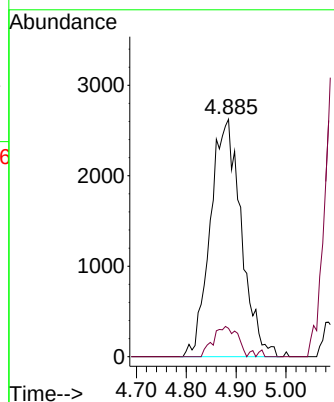
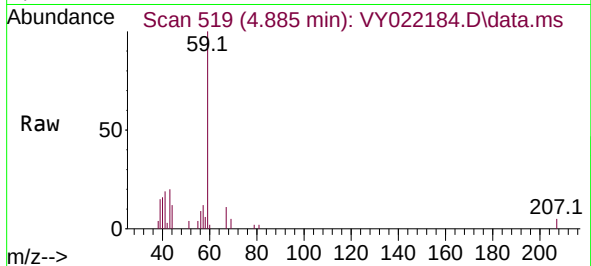




#11
Tert butyl alcohol
Concen: 108.709 ug/l
RT: 4.885 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

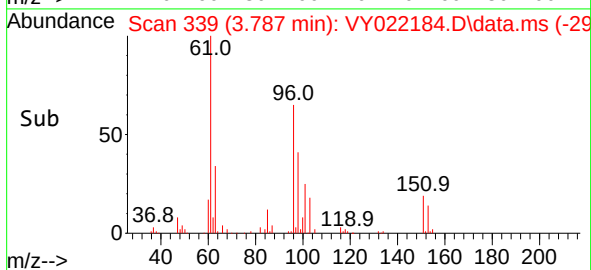
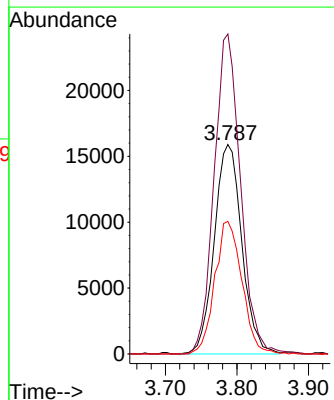
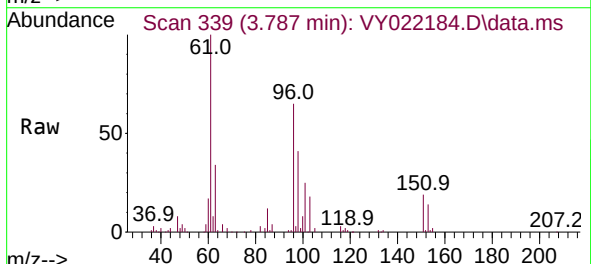
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

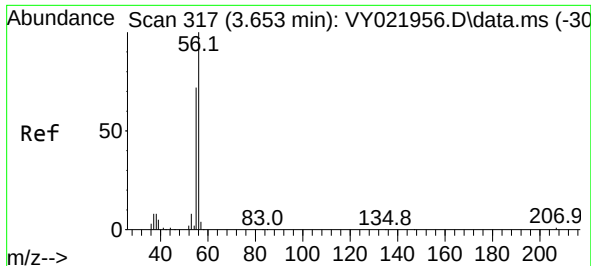
Tgt Ion: 59 Resp: 11303
Ion Ratio Lower Upper
59 100
57 9.9 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.857 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 96 Resp: 42513
Ion Ratio Lower Upper
96 100
61 152.8 113.0 169.4
98 63.4 51.4 77.2

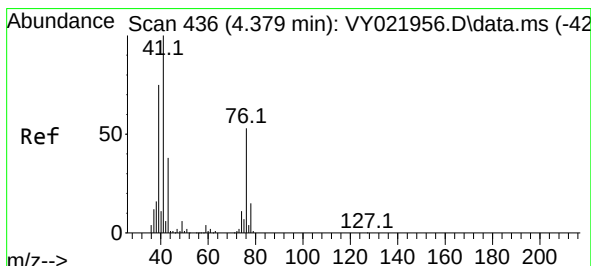
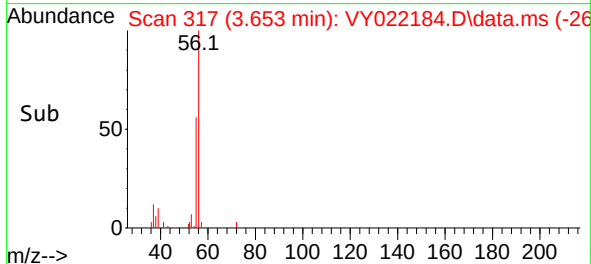
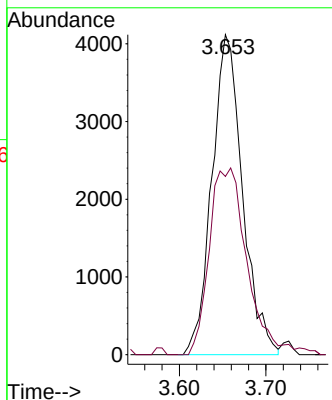
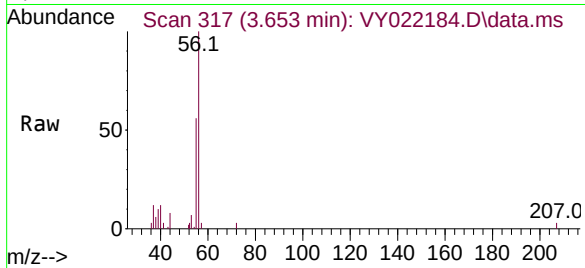




#13
Acrolein
Concen: 54.154 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

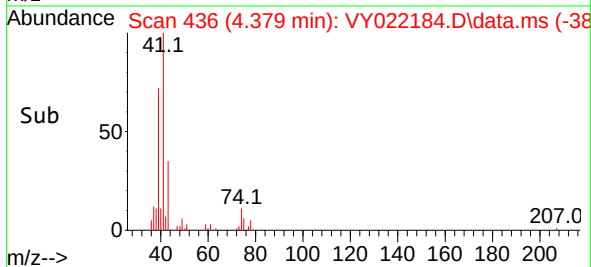
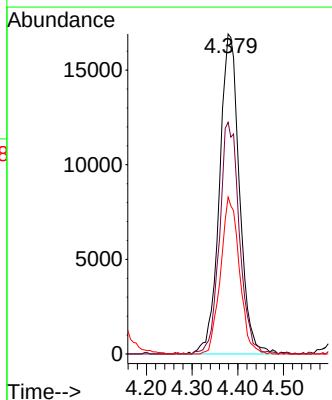
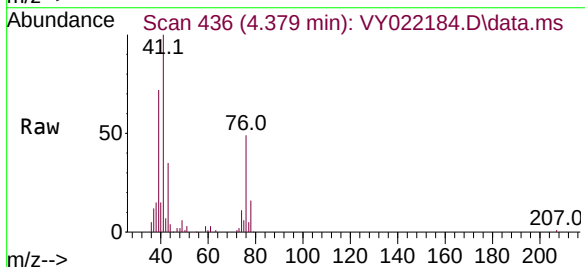
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

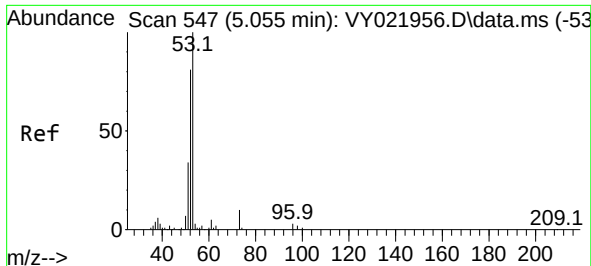
Tgt Ion: 56 Resp: 10106
Ion Ratio Lower Upper
56 100
55 72.2 57.4 86.0



#14
Allyl chloride
Concen: 21.642 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 41 Resp: 51366
Ion Ratio Lower Upper
41 100
39 72.0 57.2 85.8
76 46.1 39.7 59.5

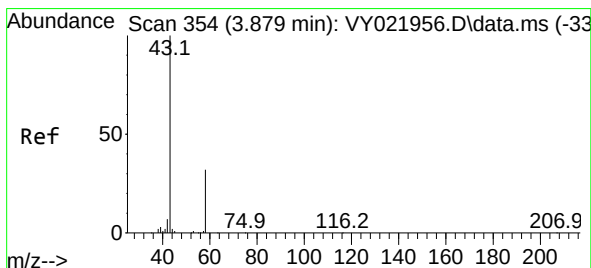
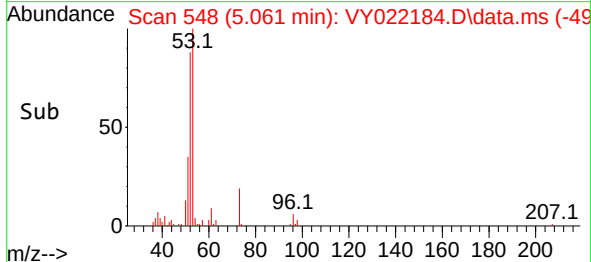
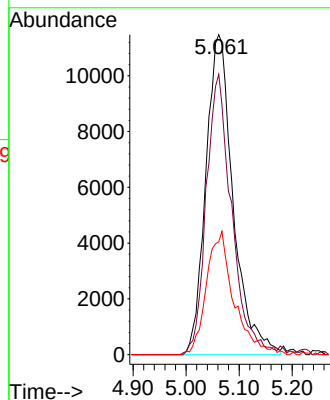
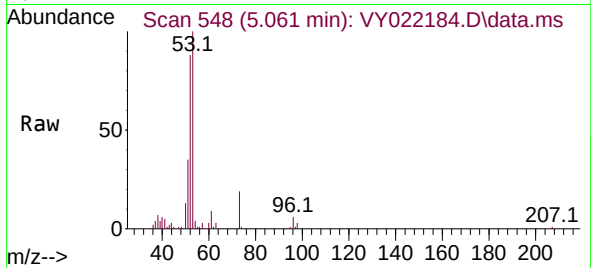




#15
Acrylonitrile
Concen: 106.973 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

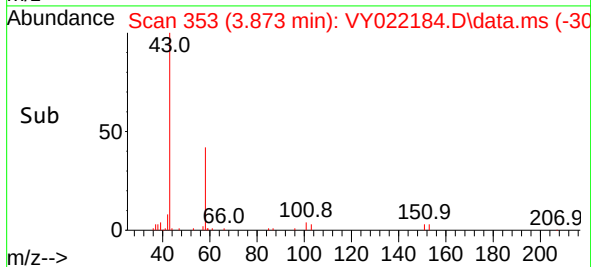
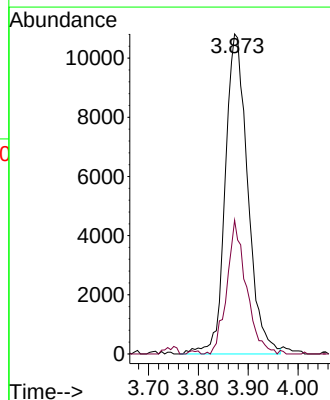
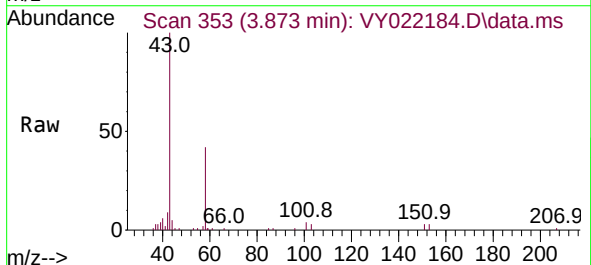
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

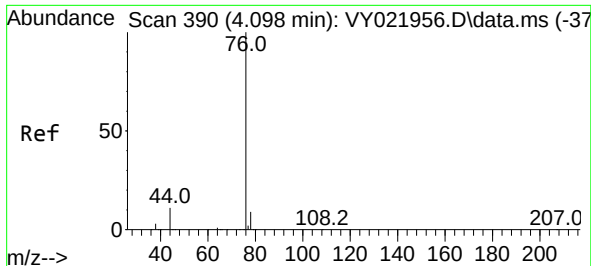
Tgt Ion: 53 Resp: 41090
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 38.8 28.9 43.3



#16
Acetone
Concen: 126.125 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 43 Resp: 33890
Ion Ratio Lower Upper
43 100
58 41.8 27.0 40.4#

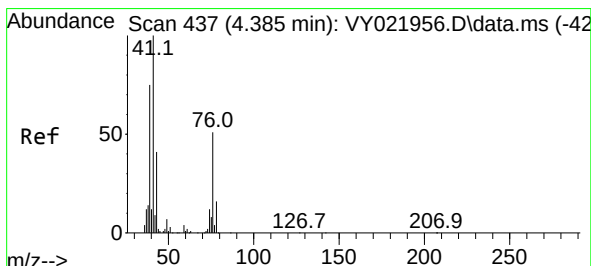
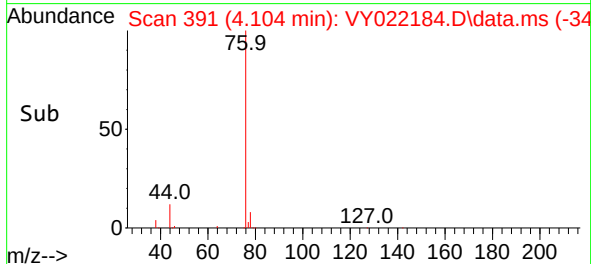
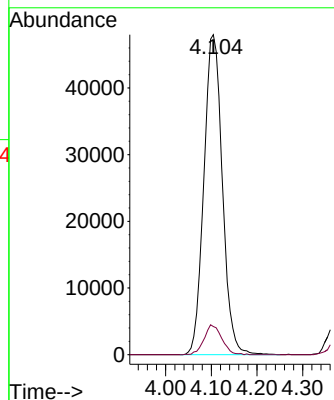
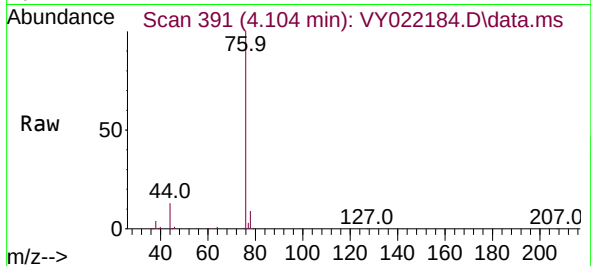




#17
Carbon Disulfide
Concen: 20.788 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

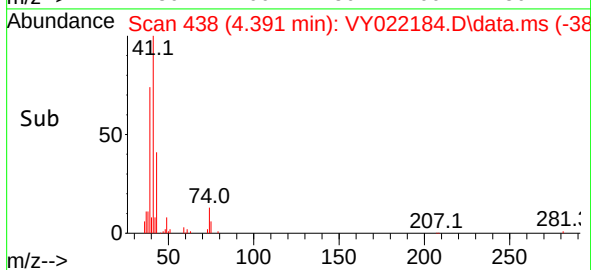
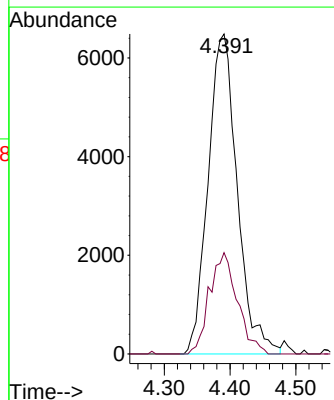
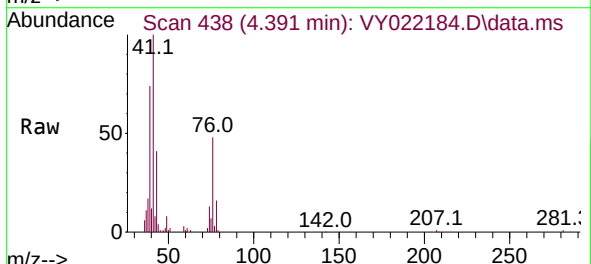
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

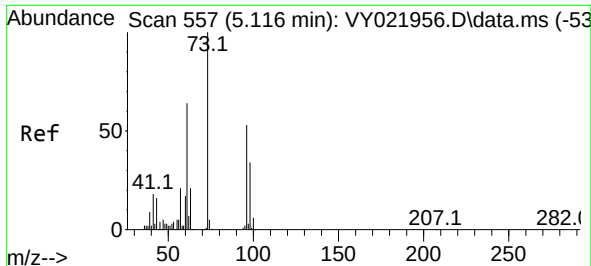
Tgt Ion: 76 Resp: 135107
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 22.623 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 43 Resp: 20014
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.864 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

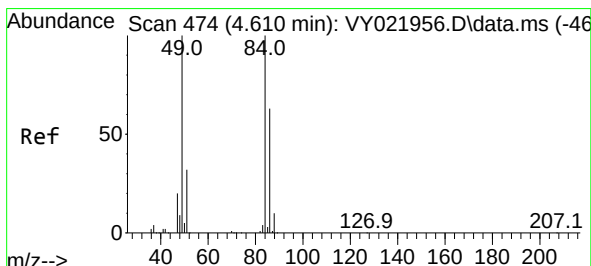
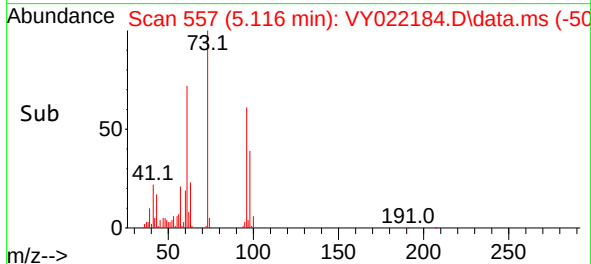
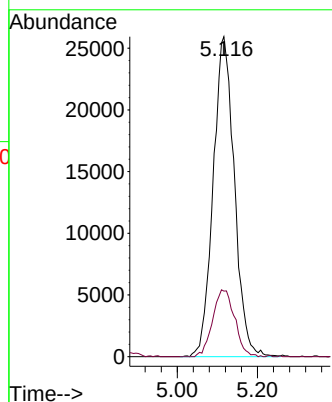
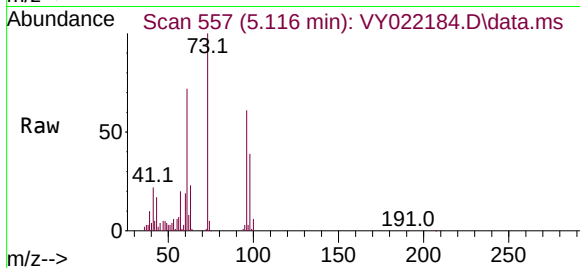
VY0507SBS01

Tgt Ion: 73 Resp: 95186

Ion Ratio Lower Upper

73 100

57 20.5 16.9 25.3



#20

Methylene Chloride

Concen: 21.616 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Tgt Ion: 84 Resp: 51766

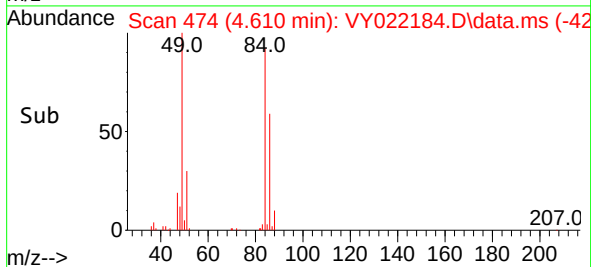
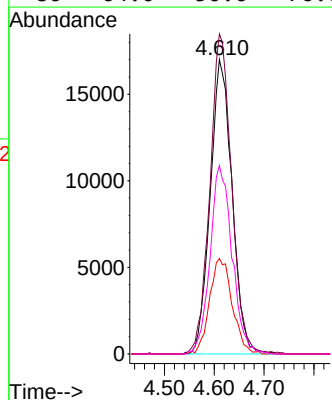
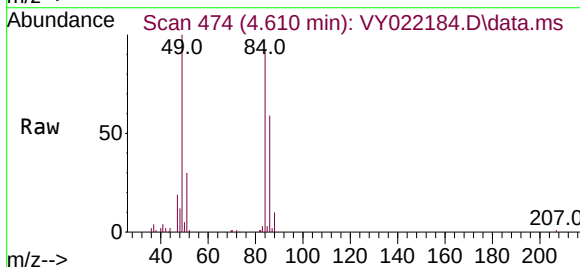
Ion Ratio Lower Upper

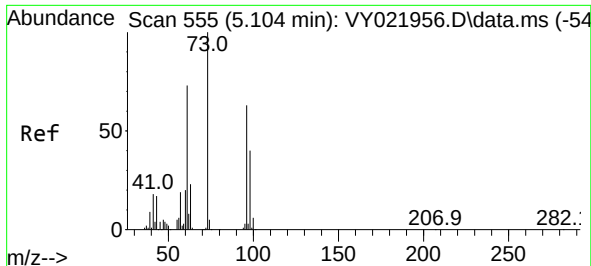
84 100

49 108.7 79.9 119.9

51 32.4 25.4 38.0

86 64.0 50.6 76.0

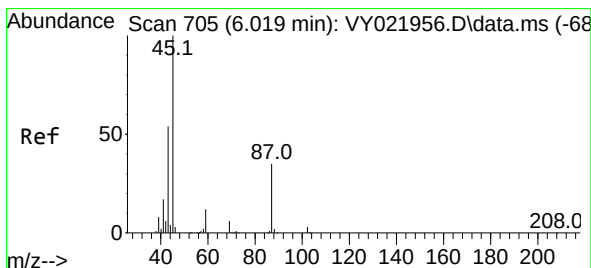
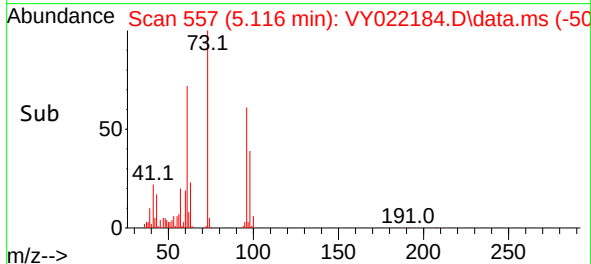
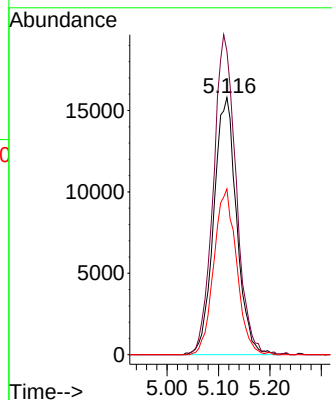
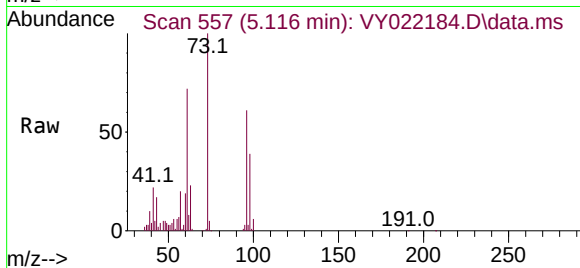




#21
trans-1,2-Dichloroethene
Concen: 21.398 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

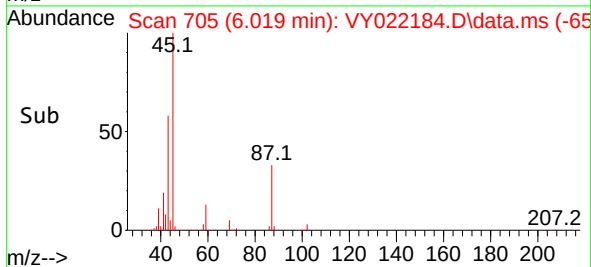
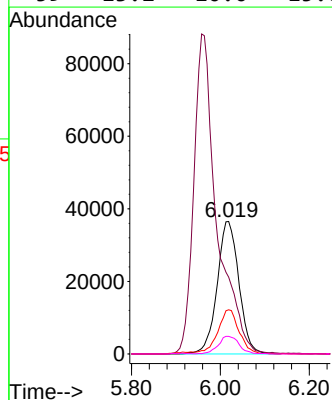
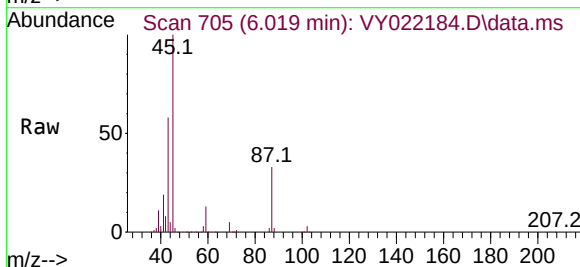
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

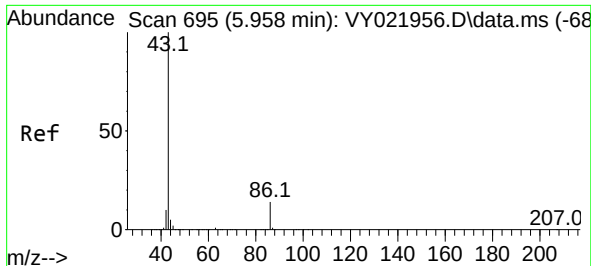
Tgt Ion: 96 Resp: 48848
Ion Ratio Lower Upper
96 100
61 118.1 92.6 138.8
98 64.5 50.2 75.4



#22
Diisopropyl ether
Concen: 23.445 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 45 Resp: 123830
Ion Ratio Lower Upper
45 100
43 57.6 43.6 65.4
87 33.3 28.2 42.4
59 13.2 10.0 15.0

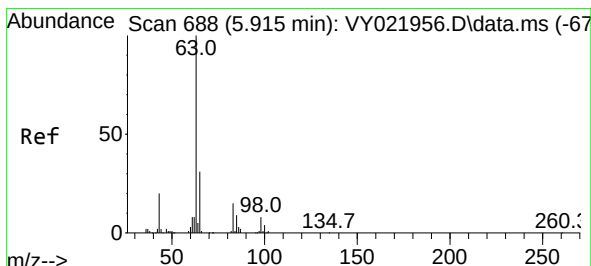
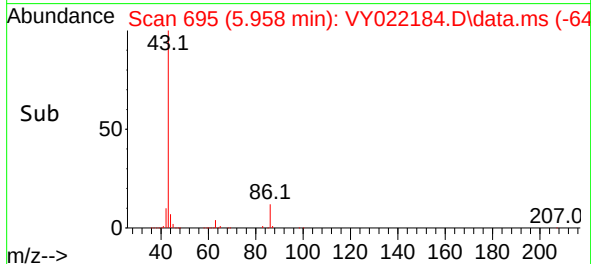
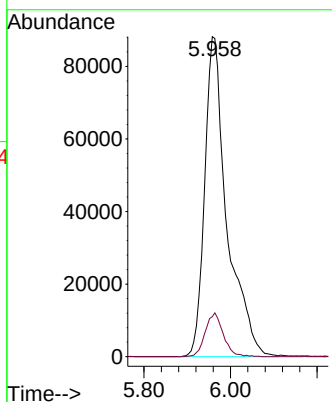
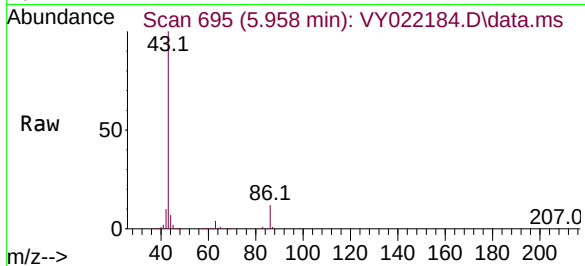




#23
 Vinyl Acetate
 Concen: 111.011 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

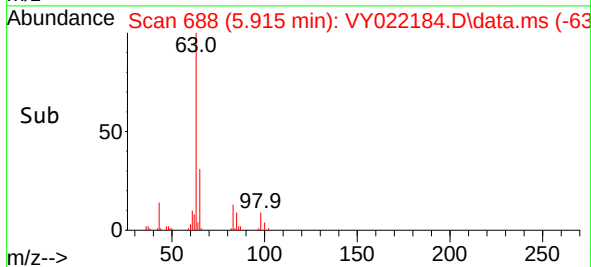
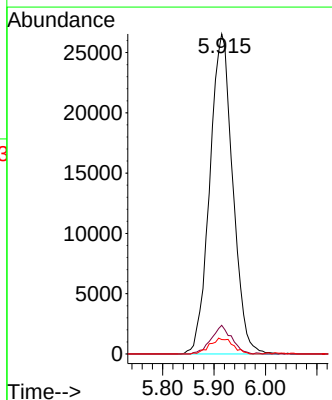
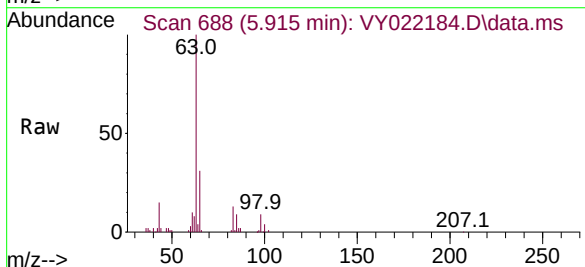
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

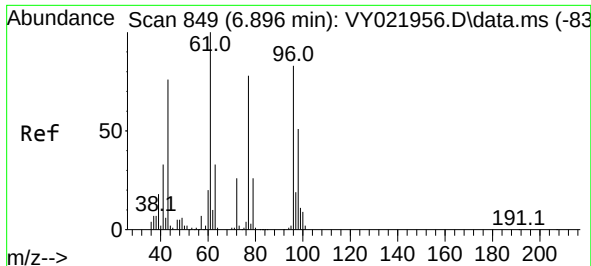
Tgt Ion: 43 Resp: 315993
 Ion Ratio Lower Upper
 43 100
 86 12.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 22.538 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

Tgt Ion: 63 Resp: 82514
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 11.9
 100 4.5 2.0 6.0

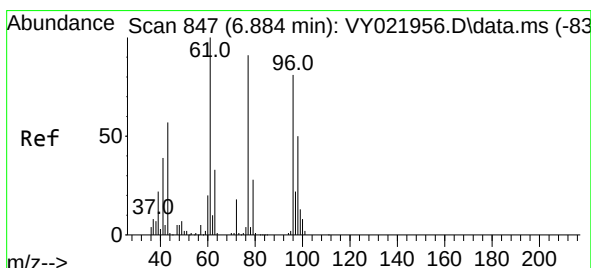
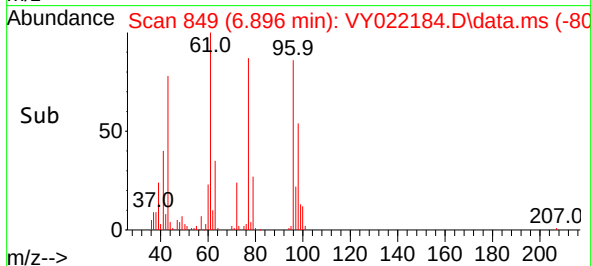
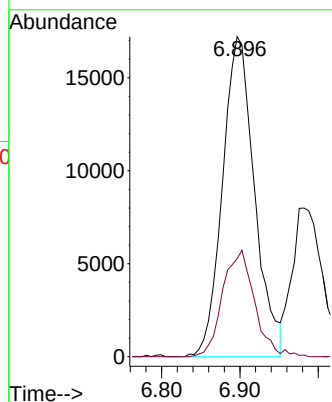
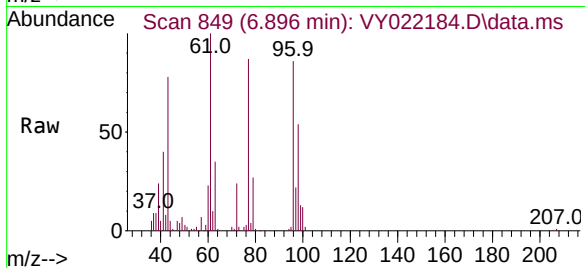




#25
2-Butanone
Concen: 113.296 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

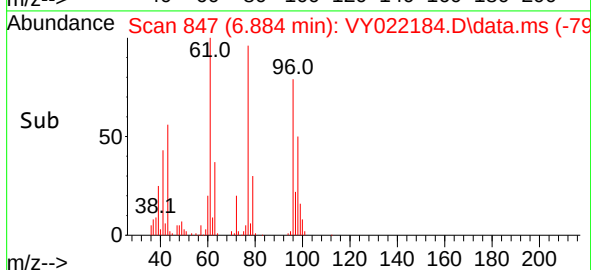
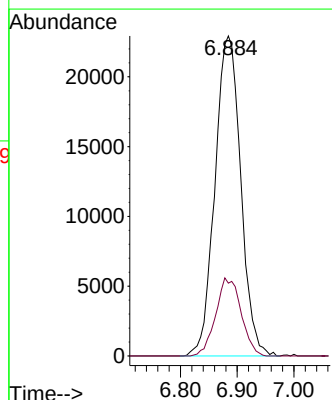
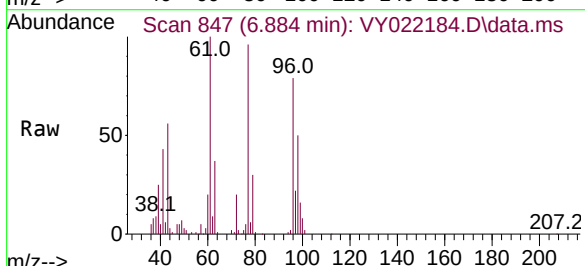
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

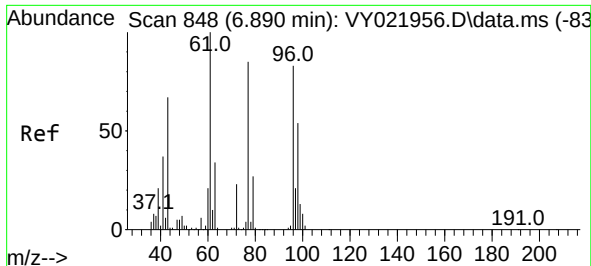
Tgt Ion: 43 Resp: 48911
Ion Ratio Lower Upper
43 100
72 30.7 27.0 40.4



#26
2,2-Dichloropropane
Concen: 22.547 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 77 Resp: 72350
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 21.921 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

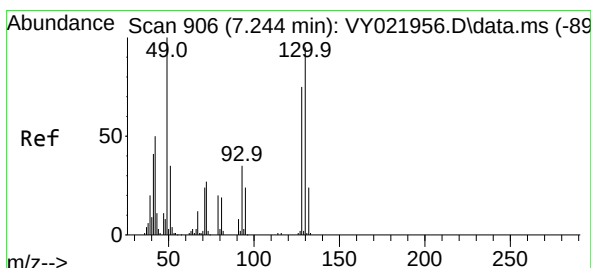
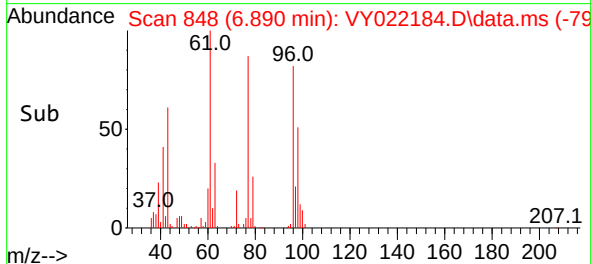
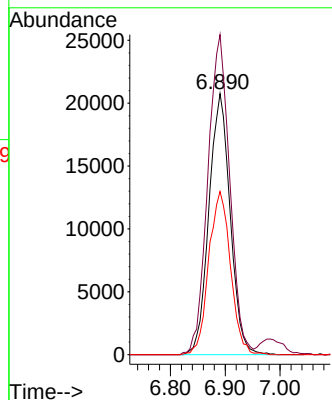
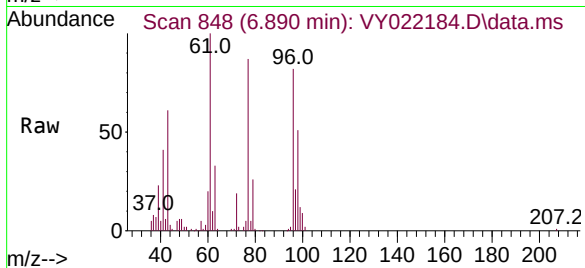
Tgt Ion: 96 Resp: 55952

Ion Ratio Lower Upper

96 100

61 126.3 0.0 251.4

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 23.139 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

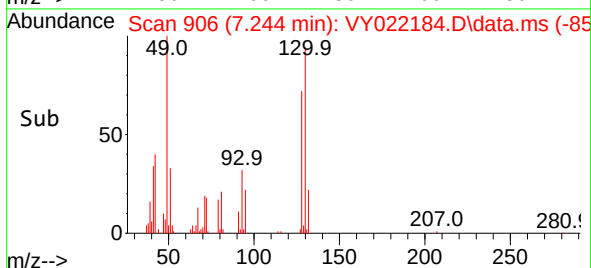
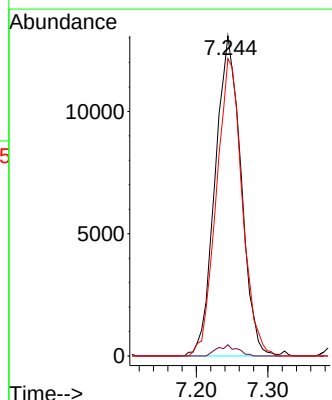
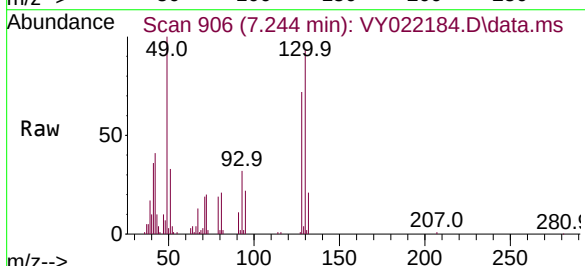
Tgt Ion: 49 Resp: 32904

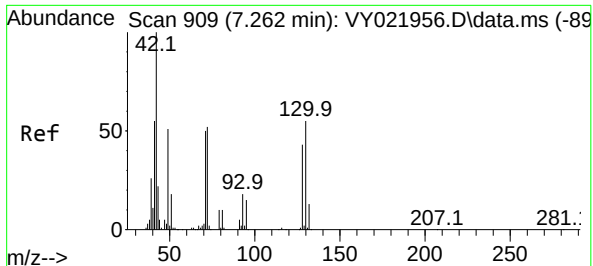
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 92.4 78.2 117.4

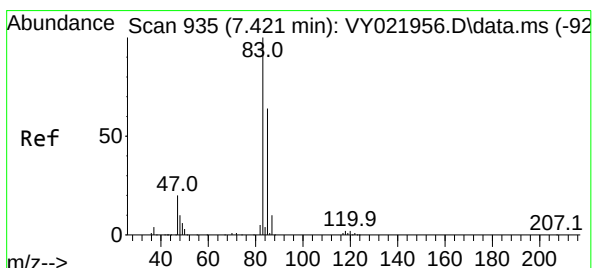
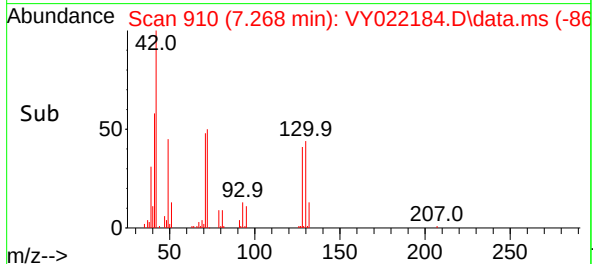
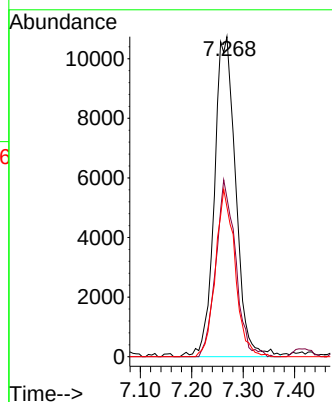
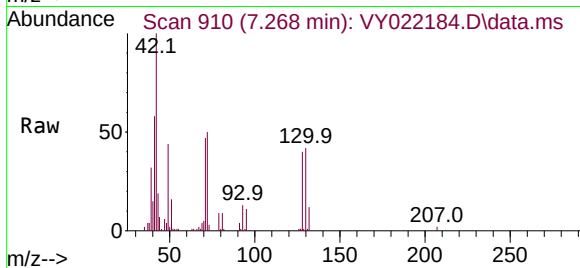




#29
Tetrahydrofuran
Concen: 110.112 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

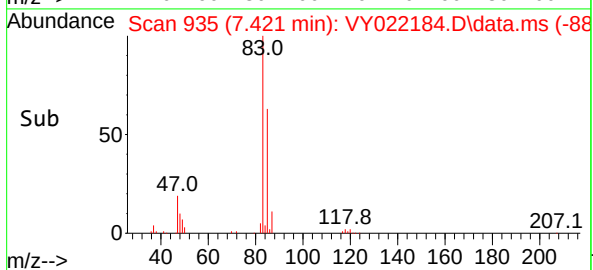
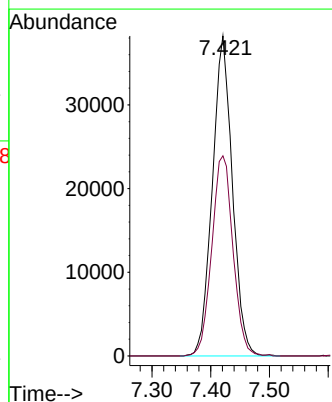
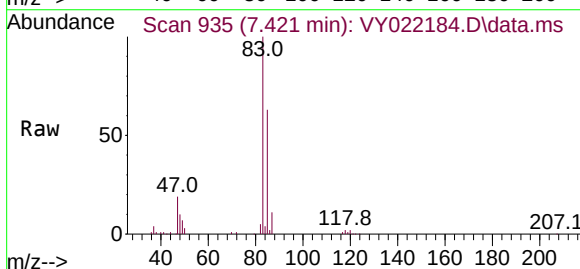
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

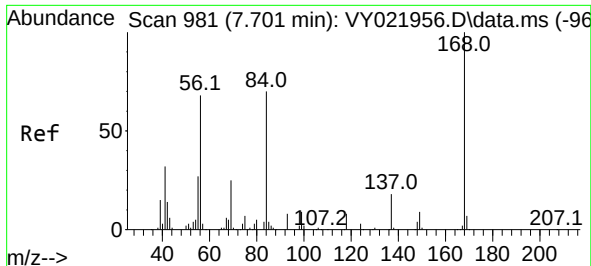
Tgt Ion: 42 Resp: 30874
Ion Ratio Lower Upper
42 100
72 51.3 42.6 63.8
71 48.1 40.6 61.0



#30
Chloroform
Concen: 22.306 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 83 Resp: 90585
Ion Ratio Lower Upper
83 100
85 62.5 51.3 76.9

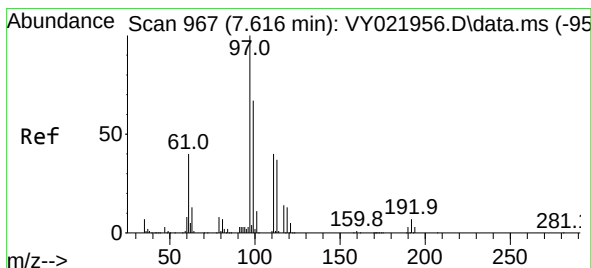
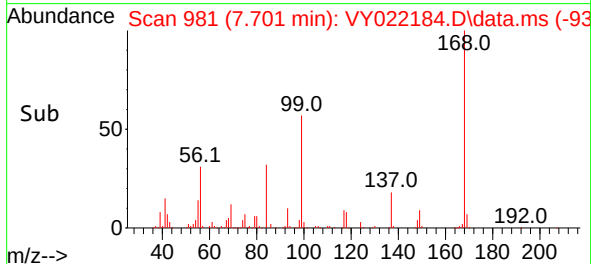
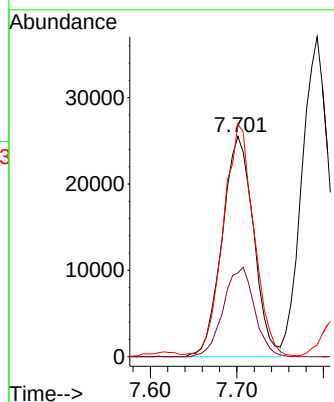
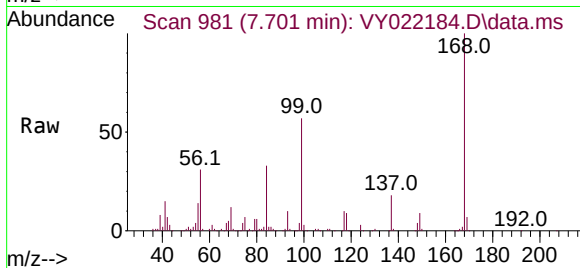




#31
Cyclohexane
Concen: 20.512 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

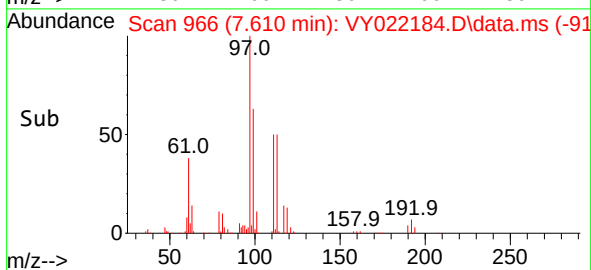
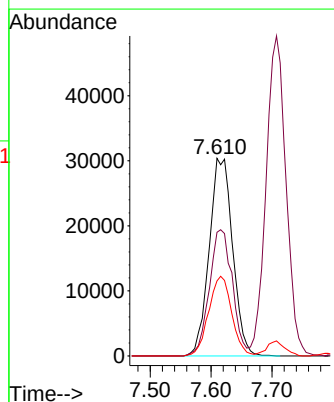
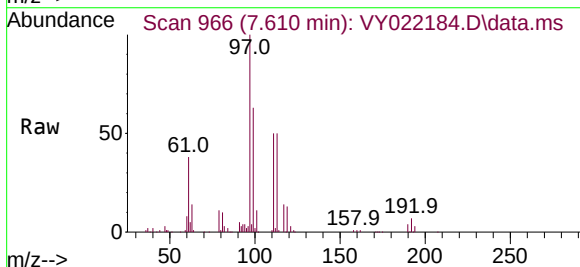
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

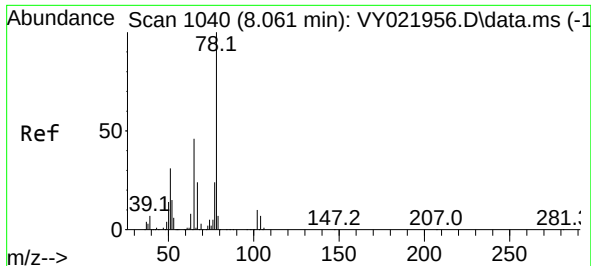
Tgt Ion: 56 Resp: 64218
Ion Ratio Lower Upper
56 100
69 38.0 29.4 44.2
84 104.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 22.148 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 97 Resp: 81373
Ion Ratio Lower Upper
97 100
99 62.4 51.4 77.2
61 39.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.663 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

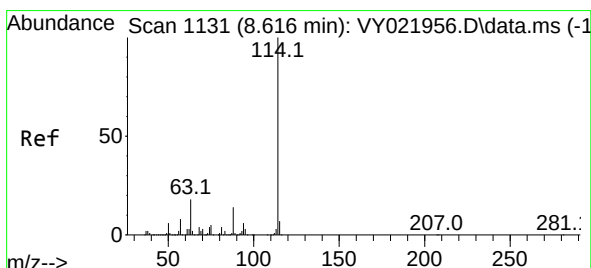
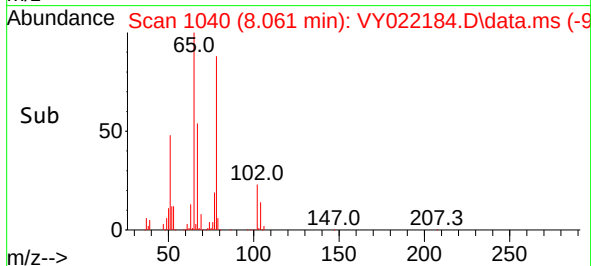
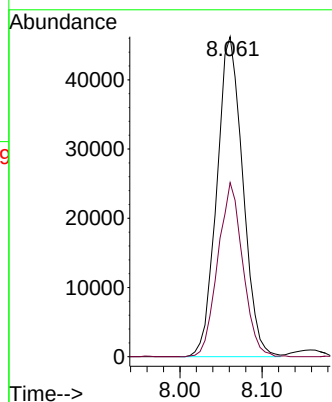
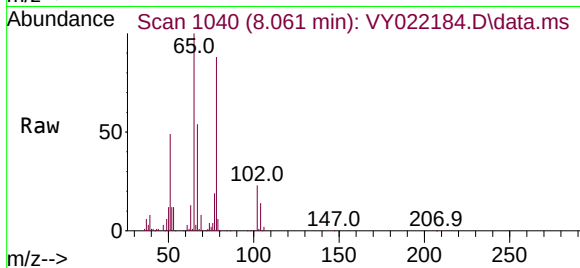
VY0507SBS01

Tgt Ion: 65 Resp: 101634

Ion Ratio Lower Upper

65 100

67 52.3 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: VY022184.D

Acq: 07 May 2025 10:58

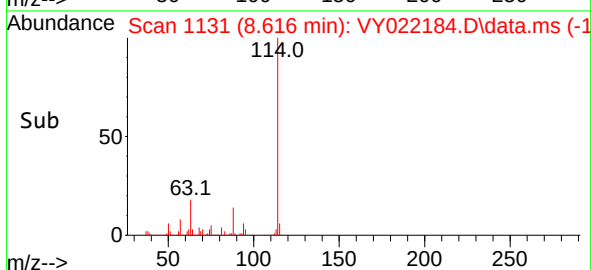
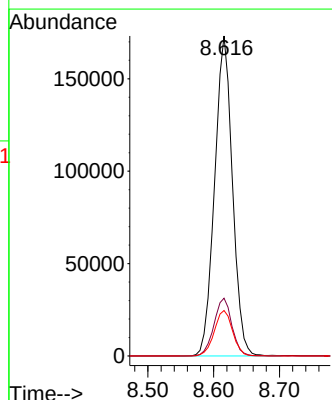
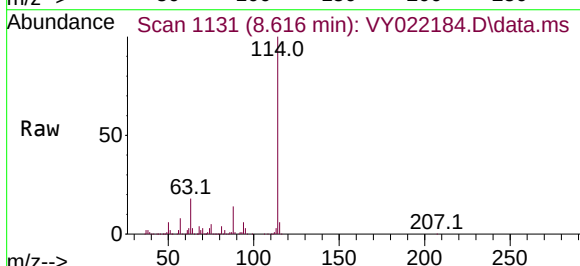
Tgt Ion: 114 Resp: 326892

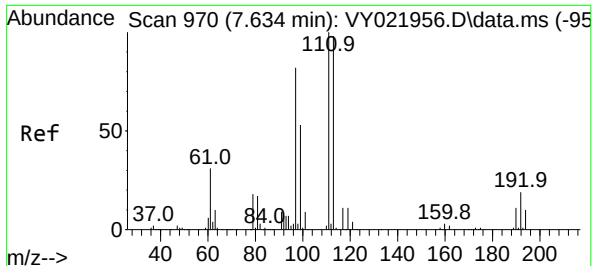
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.4

88 14.2 0.0 28.2

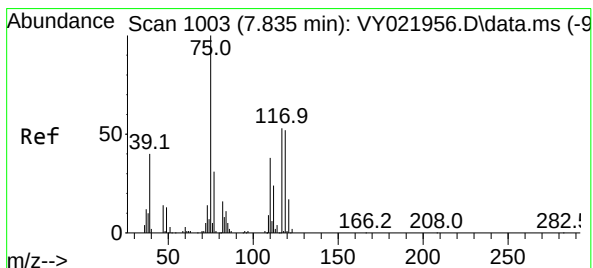
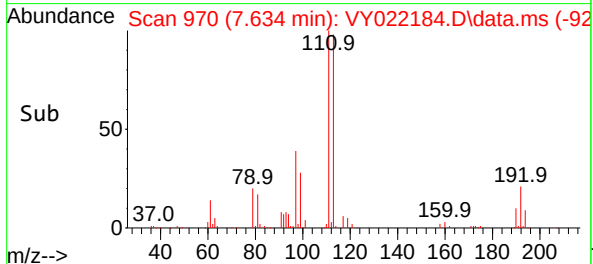
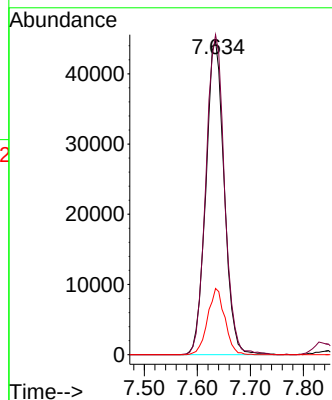
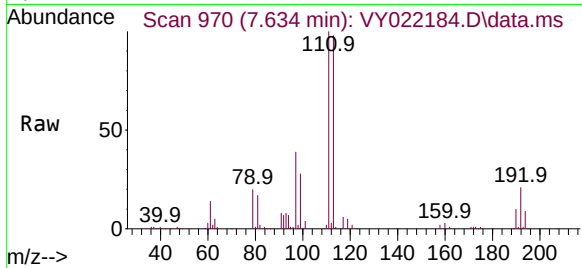




#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

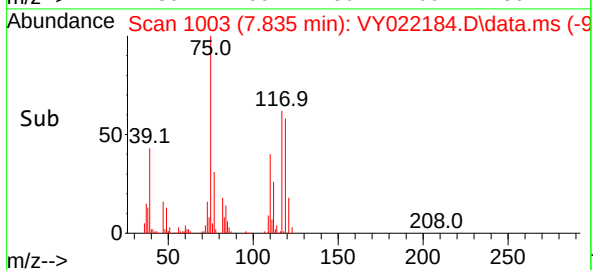
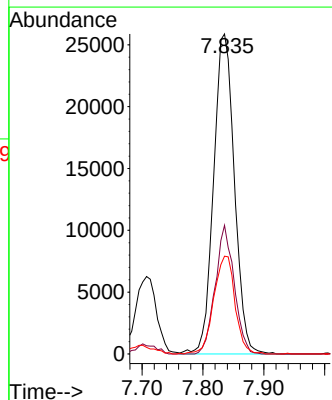
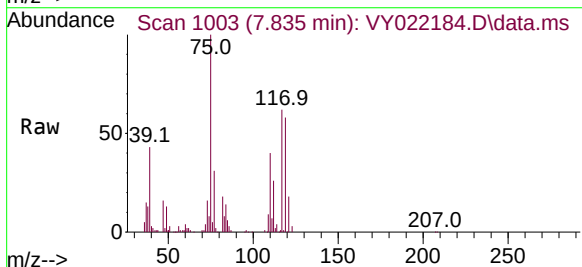
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

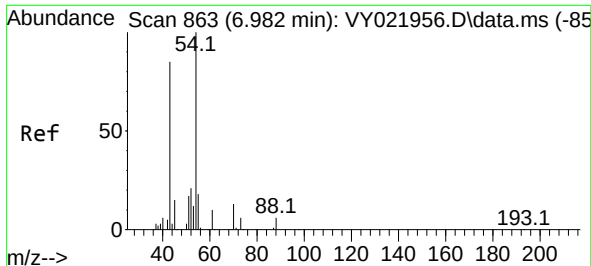
Tgt Ion:113 Resp: 107503
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 21.192 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 75 Resp: 61477
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 31.3 25.5 38.3

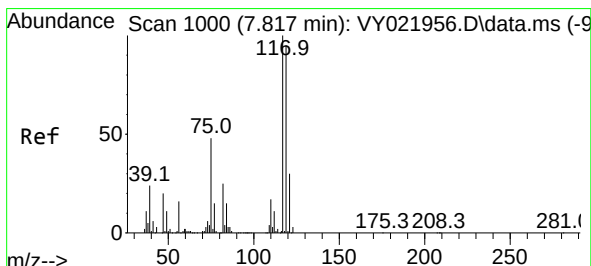
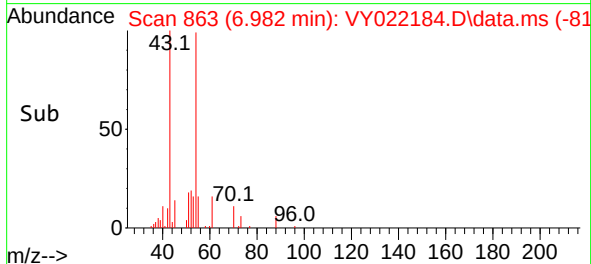
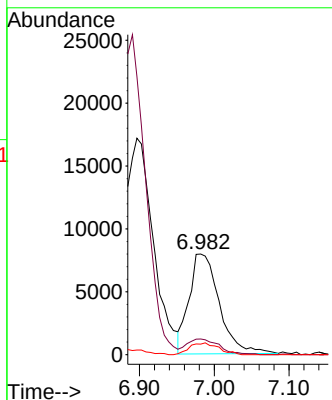
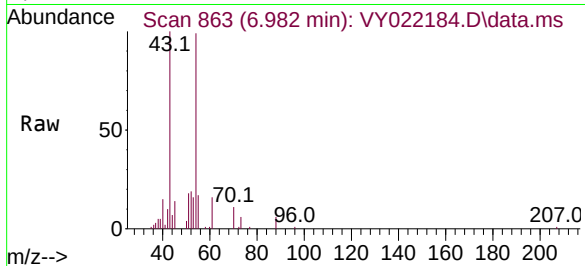




#37
Ethyl Acetate
Concen: 21.414 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

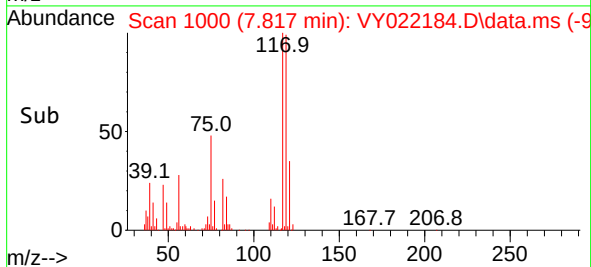
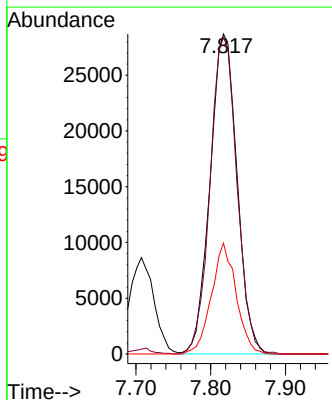
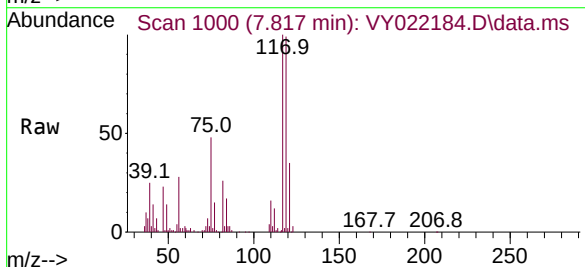
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

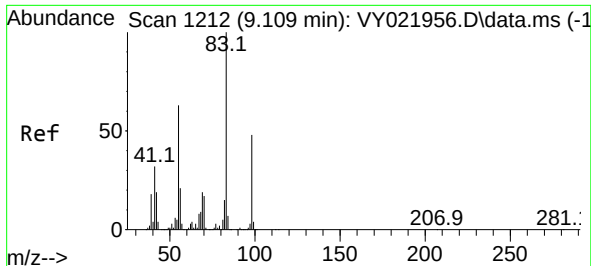
Tgt Ion: 43 Resp: 22311
Ion Ratio Lower Upper
43 100
61 17.1 13.8 20.6
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.763 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 117 Resp: 71972
Ion Ratio Lower Upper
117 100
119 98.9 76.2 114.4
121 34.7 24.0 36.0





#39

Methylcyclohexane

Concen: 19.478 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

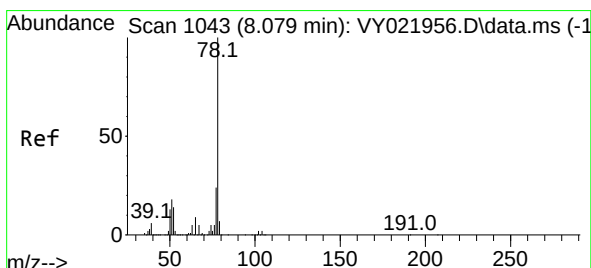
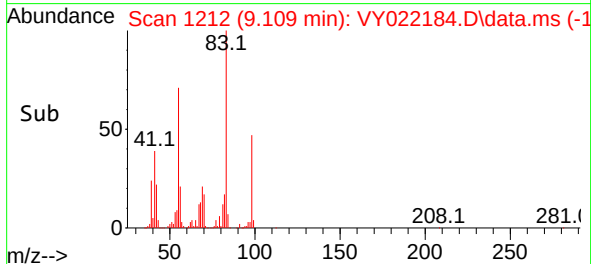
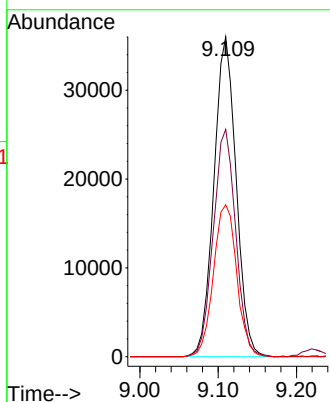
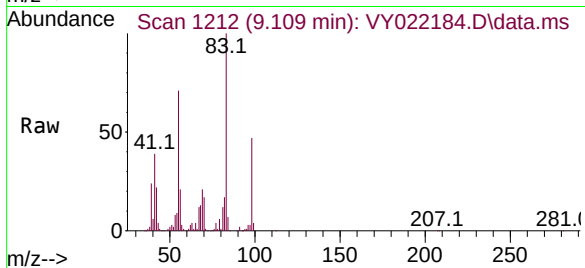
Tgt Ion: 83 Resp: 71107

Ion Ratio Lower Upper

83 100

55 71.0 50.6 75.8

98 47.5 38.6 58.0



#40

Benzene

Concen: 21.838 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022184.D

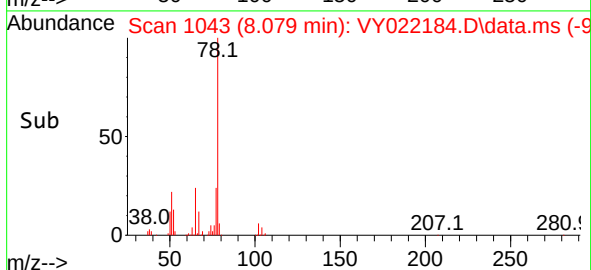
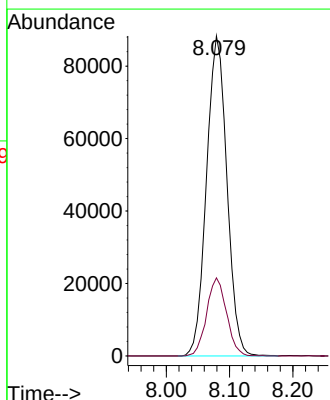
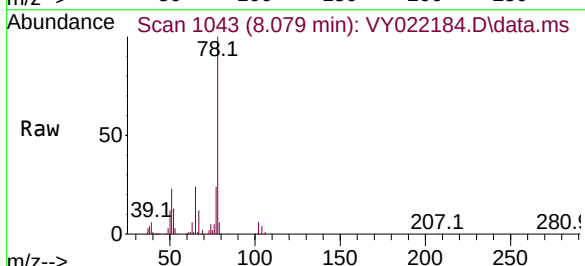
Acq: 07 May 2025 10:58

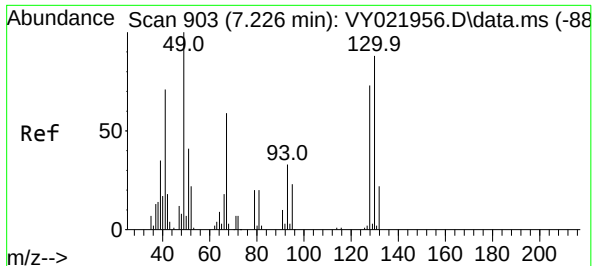
Tgt Ion: 78 Resp: 198031

Ion Ratio Lower Upper

78 100

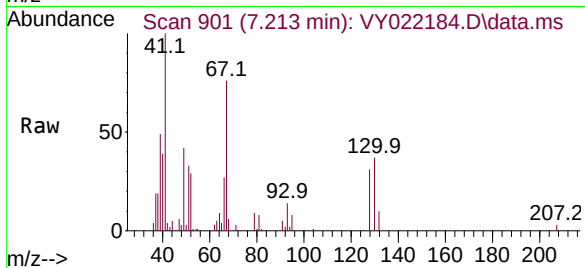
77 24.4 19.3 28.9



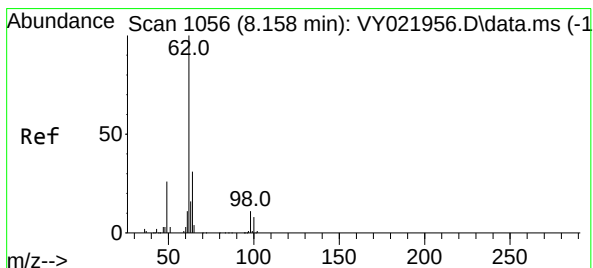
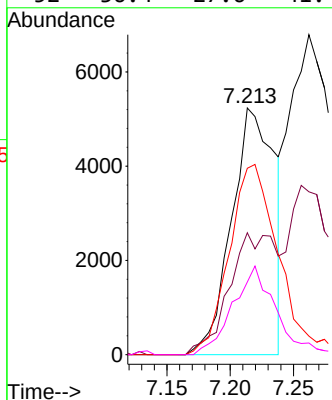
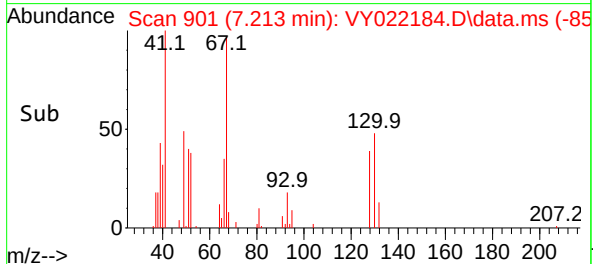


#41
Methacrylonitrile
Concen: 21.722 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

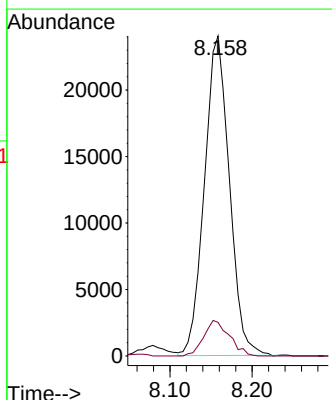
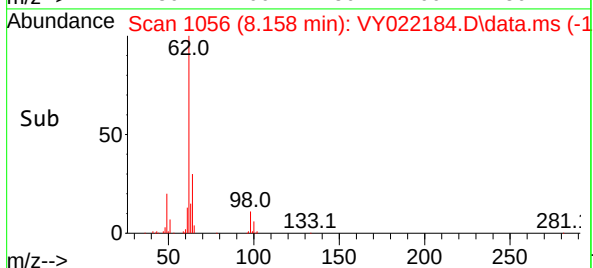
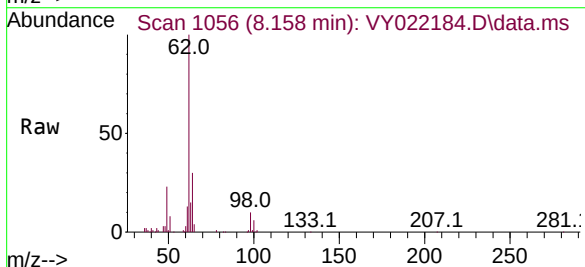


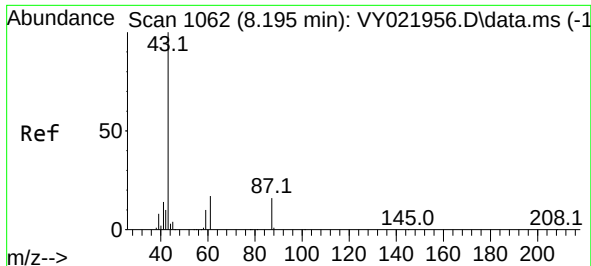
Tgt Ion:	41	Resp:	12372
Ion	Ratio	Lower	Upper
41	100		
39	53.7	36.6	55.0
67	88.1	72.2	108.4
52	36.4	27.6	41.4



#42
1,2-Dichloroethane
Concen: 22.561 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion:	62	Resp:	50654
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

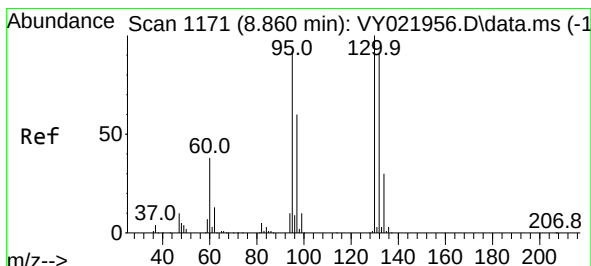
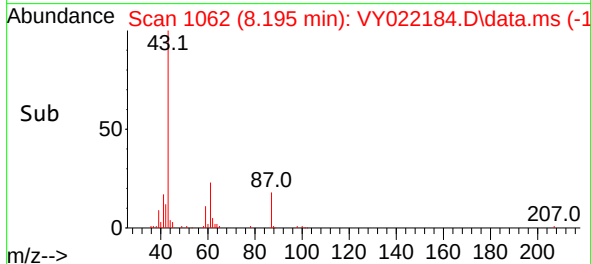
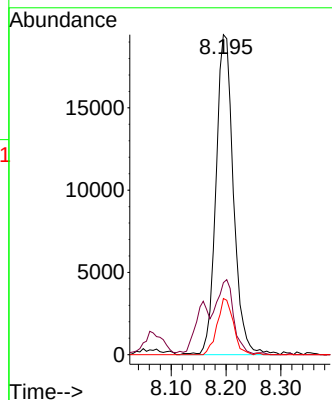
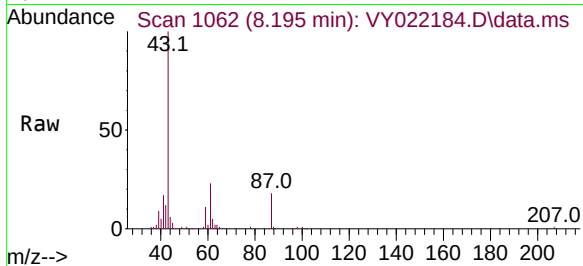




#43
Isopropyl Acetate
Concen: 21.503 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

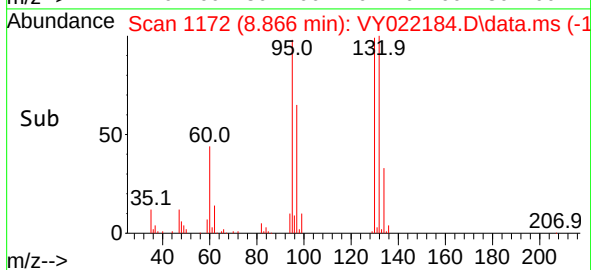
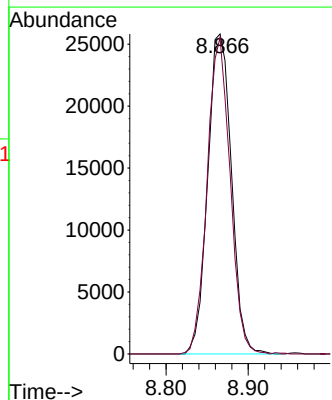
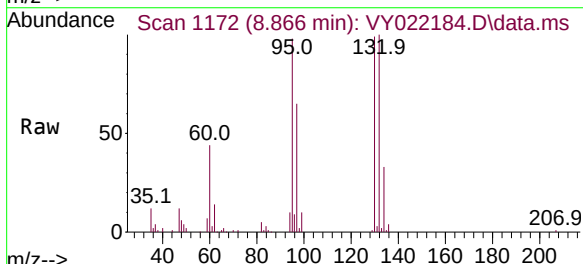
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

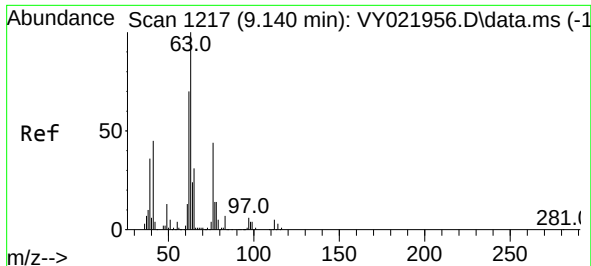
Tgt Ion: 43 Resp: 43024
Ion Ratio Lower Upper
43 100
61 22.9 18.9 28.3
87 16.3 13.7 20.5



#44
Trichloroethene
Concen: 20.660 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion:130 Resp: 51892
Ion Ratio Lower Upper
130 100
95 98.9 0.0 183.2





#45

1,2-Dichloropropane

Concen: 23.080 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

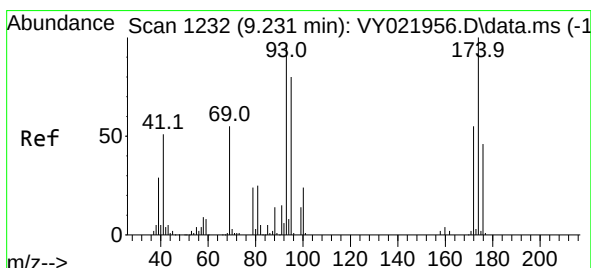
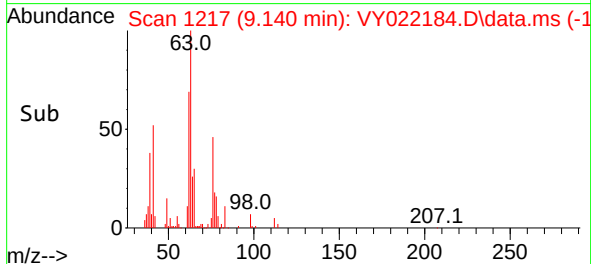
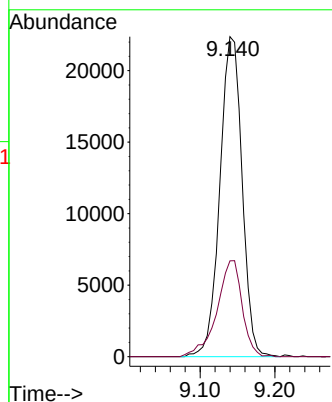
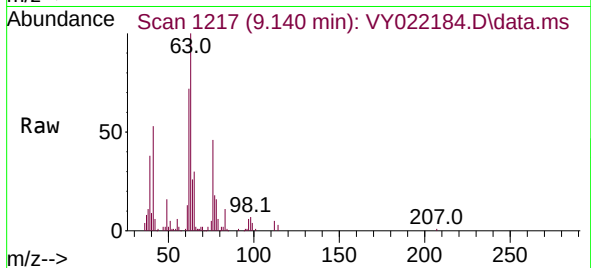
VY0507SBS01

Tgt Ion: 63 Resp: 46285

Ion Ratio Lower Upper

63 100

65 30.0 25.2 37.8



#46

Dibromomethane

Concen: 22.104 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

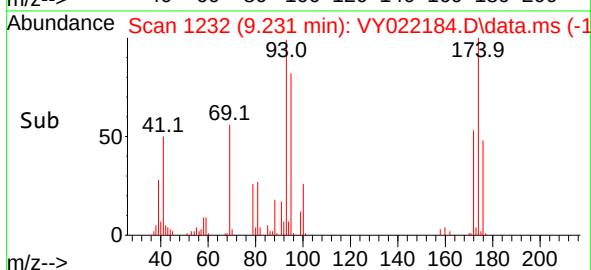
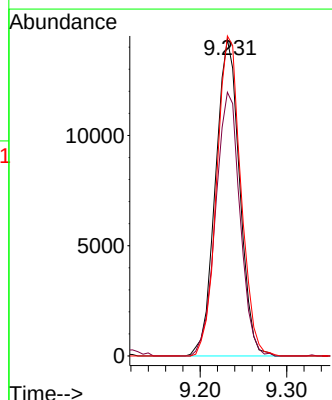
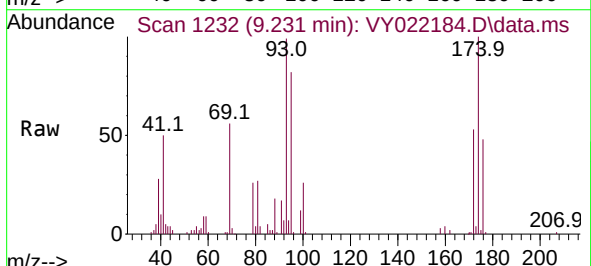
Tgt Ion: 93 Resp: 27749

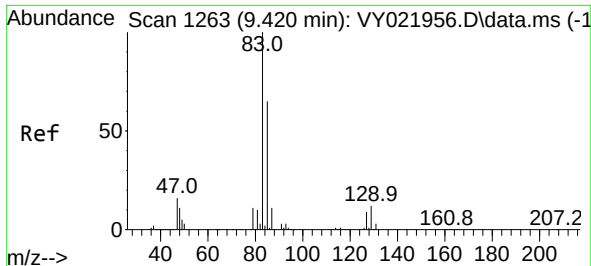
Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

174 100.9 84.6 127.0

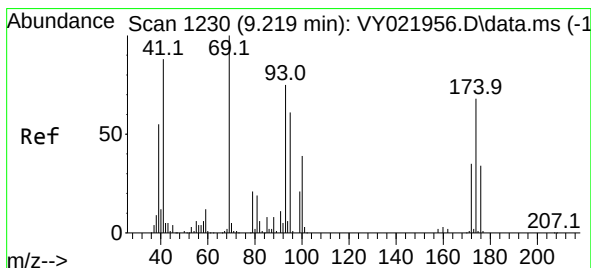
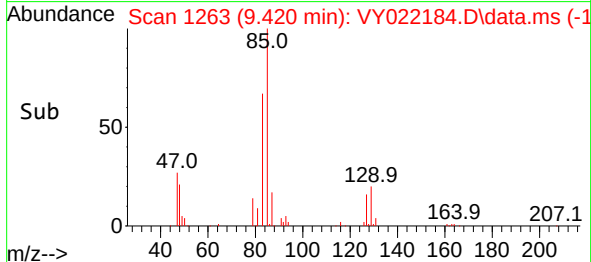
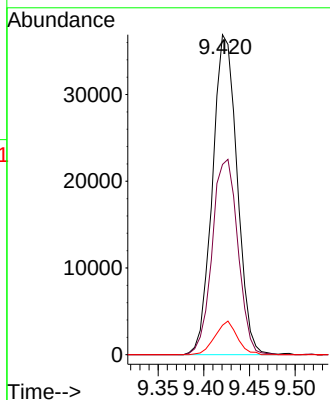
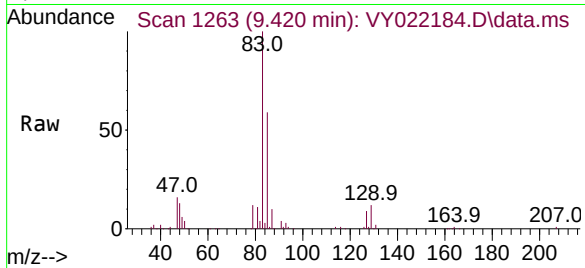




#47
Bromodichloromethane
Concen: 22.118 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

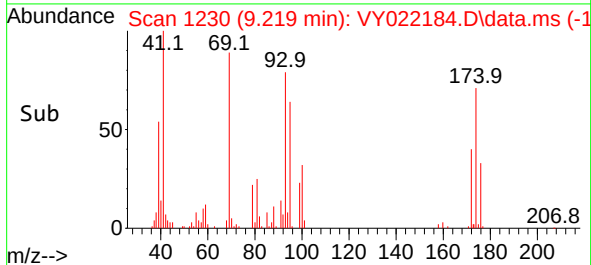
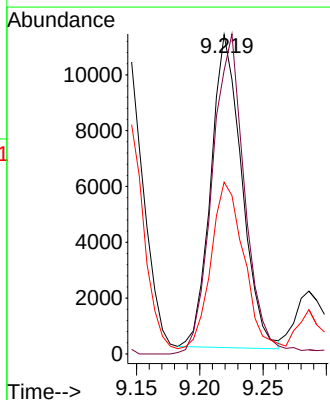
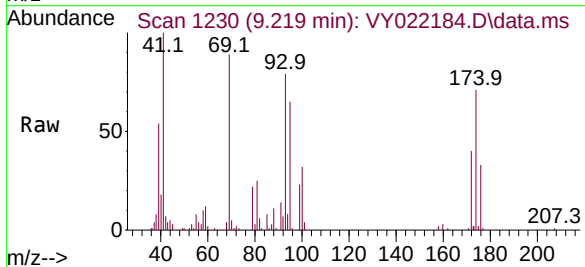
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

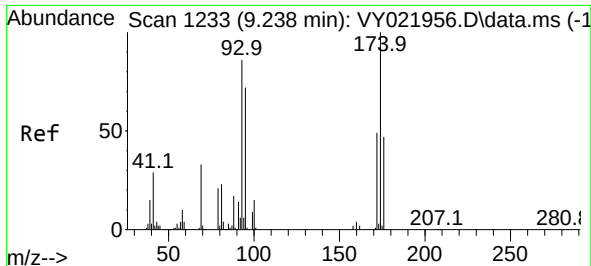
Tgt Ion:	83	Resp:	69364
Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.8	77.8
127	9.2	7.0	10.6



#48
Methyl methacrylate
Concen: 20.590 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion:	41	Resp:	19045
Ion	Ratio	Lower	Upper
41	100		
69	108.3	85.5	128.3
39	57.4	46.2	69.4





#49

1,4-Dioxane

Concen: 391.252 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

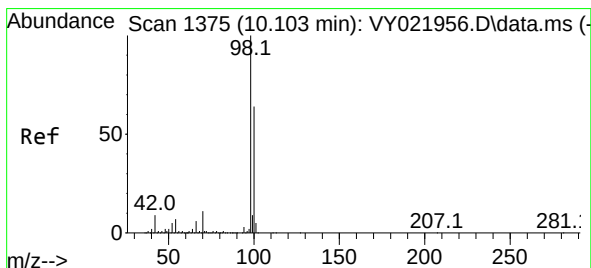
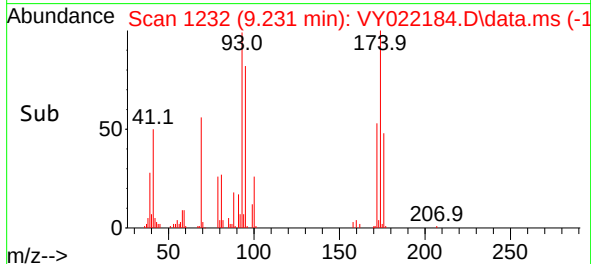
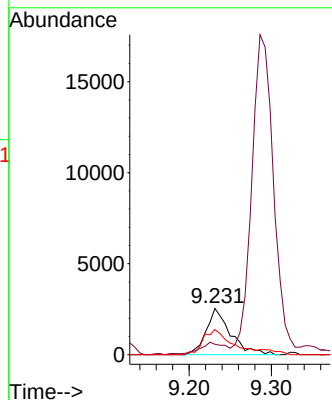
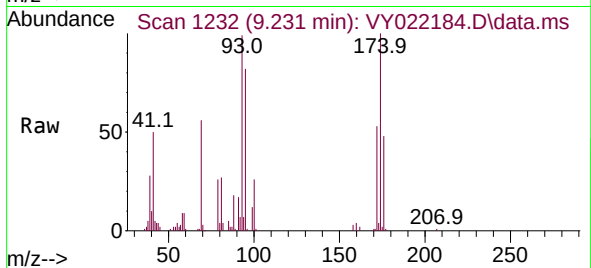
Tgt Ion: 88 Resp: 5235

Ion Ratio Lower Upper

88 100

43 28.3 21.3 31.9

58 61.5 50.5 75.7



#50

Toluene-d8

Concen: 50.541 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022184.D

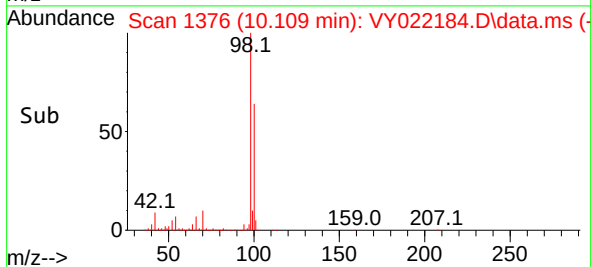
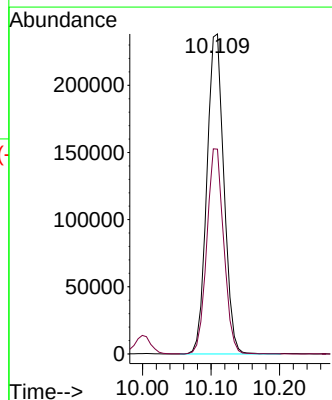
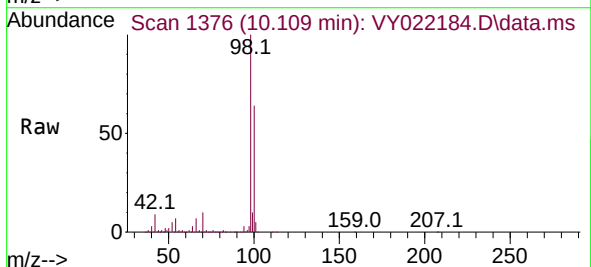
Acq: 07 May 2025 10:58

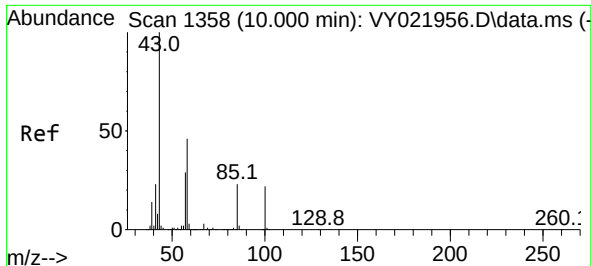
Tgt Ion: 98 Resp: 411490

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

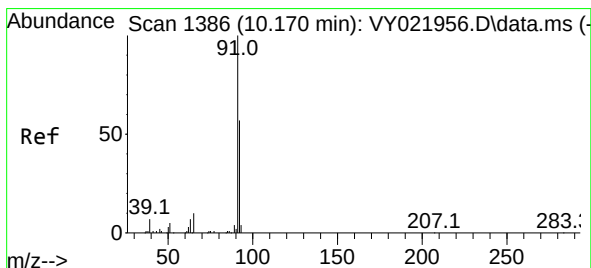
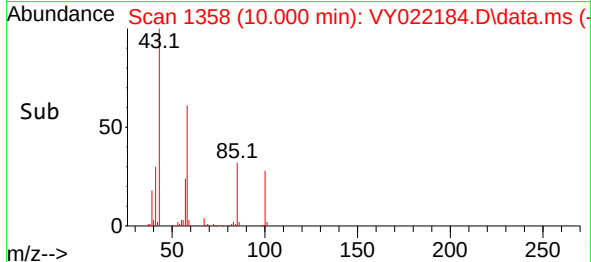
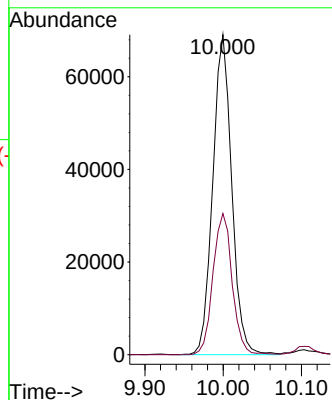
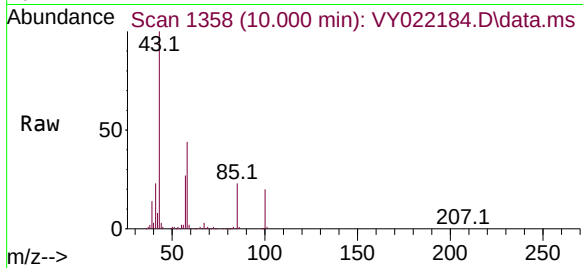




#51
4-Methyl-2-Pentanone
Concen: 110.791 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

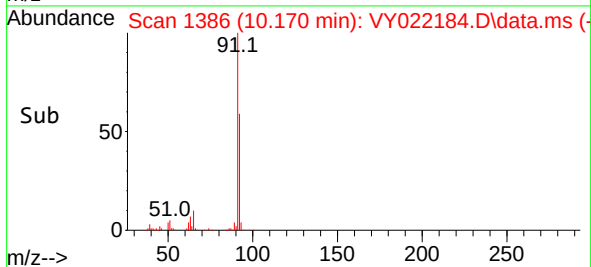
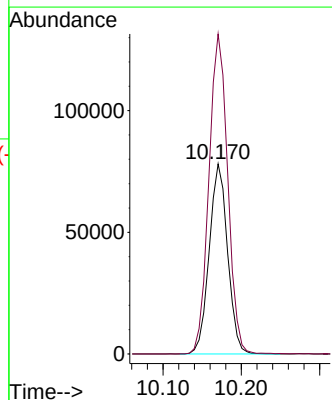
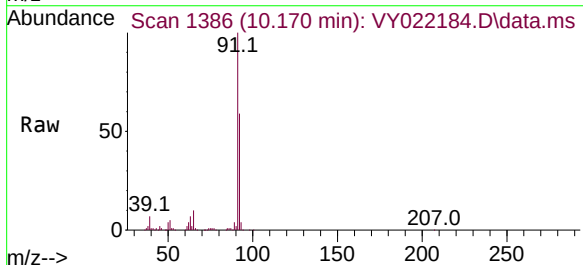
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

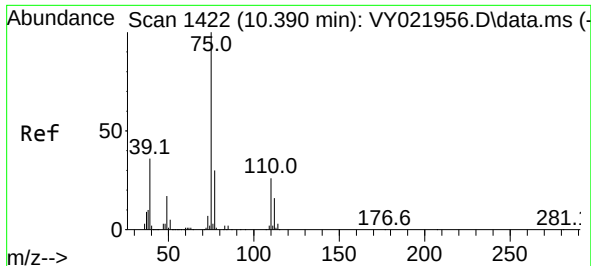
Tgt Ion: 43 Resp: 116205
Ion Ratio Lower Upper
43 100
58 44.7 36.6 55.0



#52
Toluene
Concen: 21.662 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 92 Resp: 127155
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8

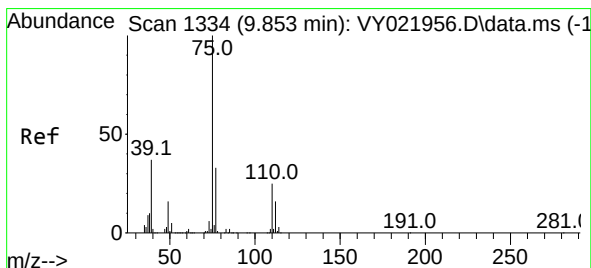
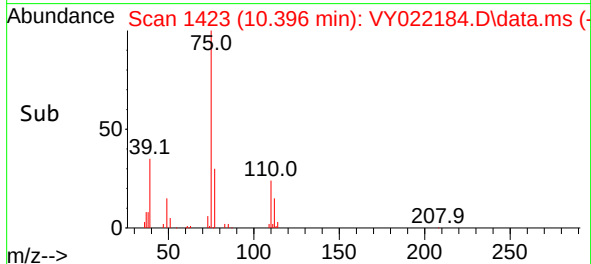
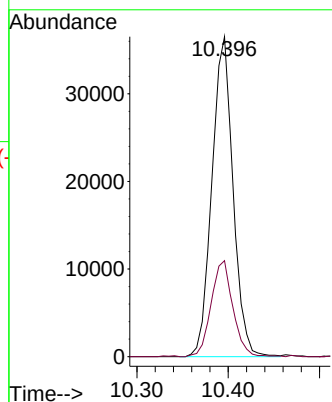
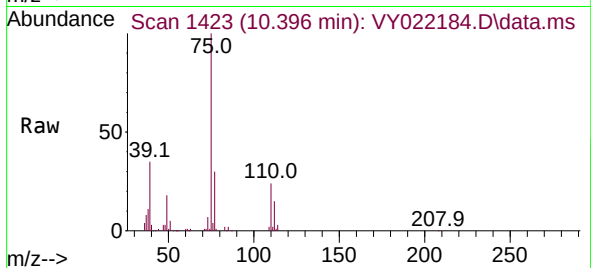




#53
 t-1,3-Dichloropropene
 Concen: 21.769 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

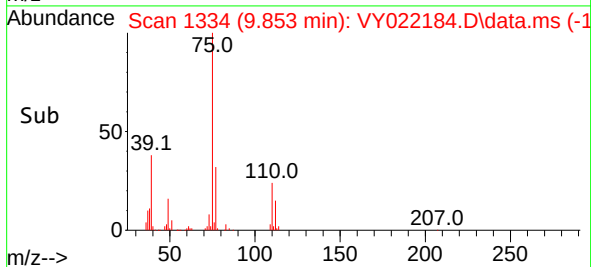
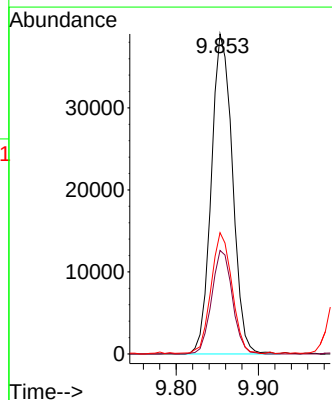
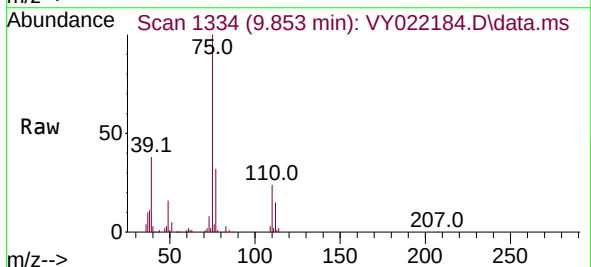
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

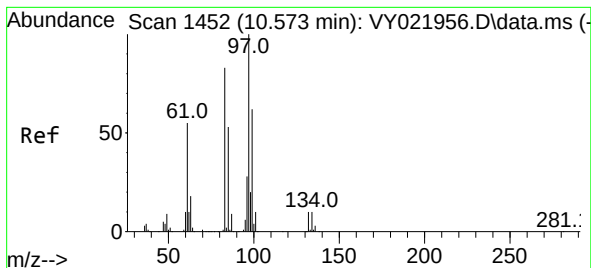
Tgt Ion: 75 Resp: 58557
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.805 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

Tgt Ion: 75 Resp: 69724
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 40.0
 39 37.7 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 22.710 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

Tgt Ion: 97 Resp: 38082

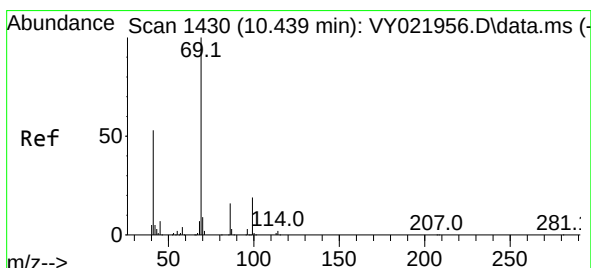
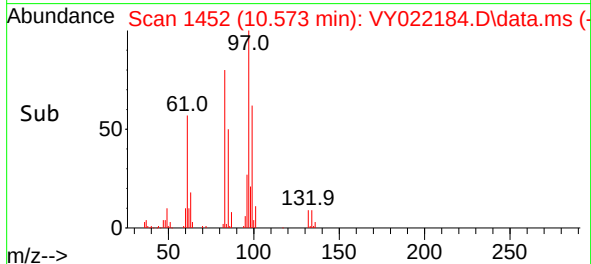
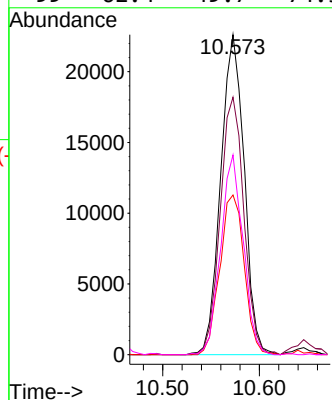
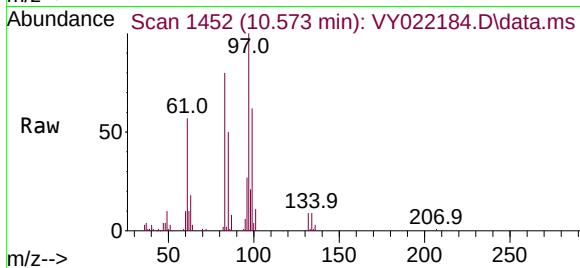
Ion Ratio Lower Upper

97 100

83 80.5 66.7 100.1

85 49.9 42.6 64.0

99 62.4 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.827 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

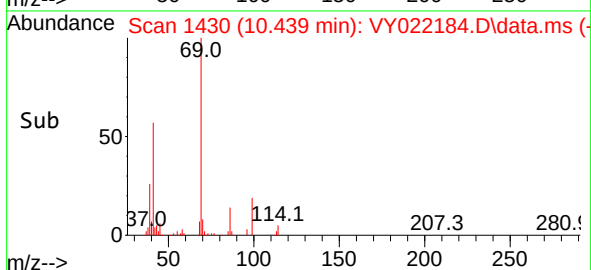
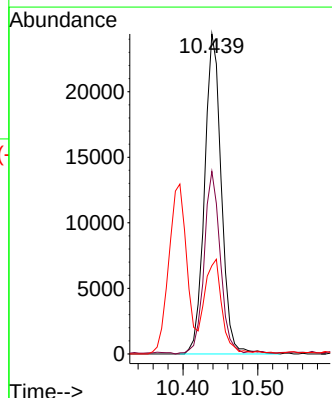
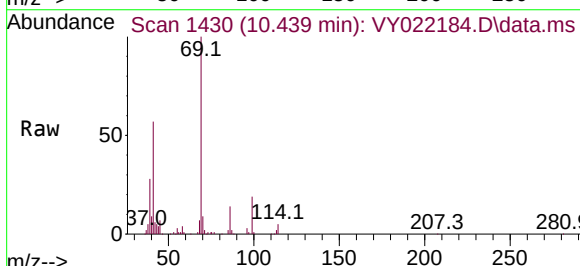
Tgt Ion: 69 Resp: 38020

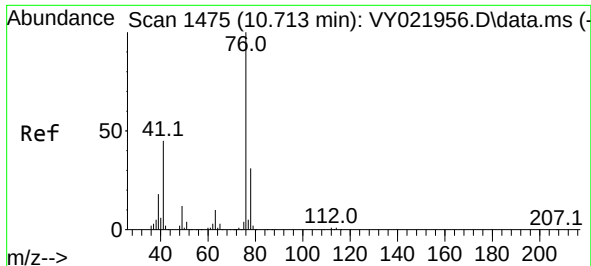
Ion Ratio Lower Upper

69 100

41 55.1 40.7 61.1

39 29.1 23.3 34.9





#57

1,3-Dichloropropane

Concen: 21.934 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

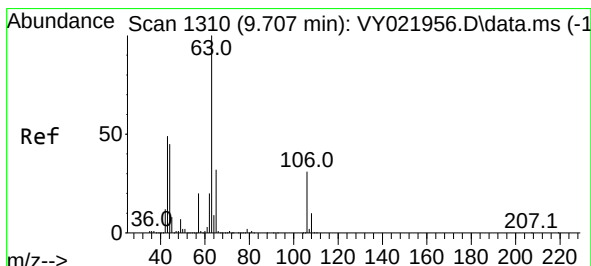
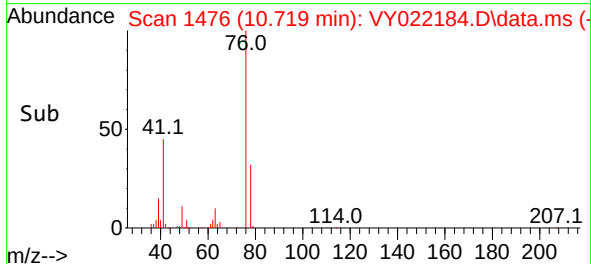
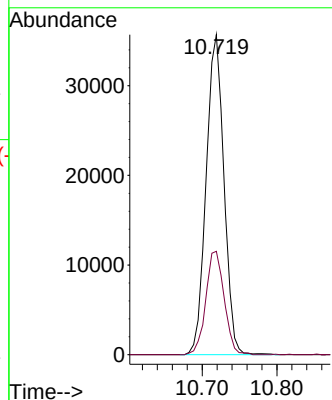
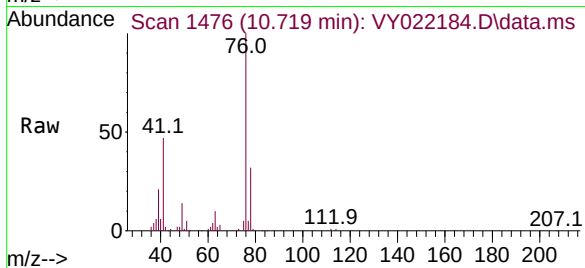
VY0507SBS01

Tgt Ion: 76 Resp: 58963

Ion Ratio Lower Upper

76 100

78 33.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.227 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022184.D

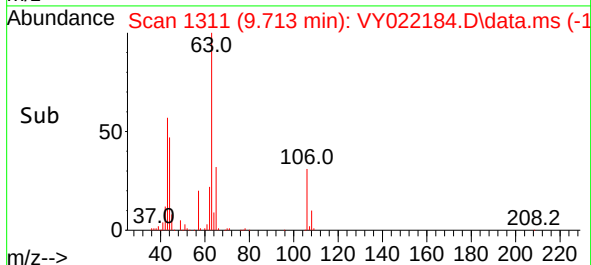
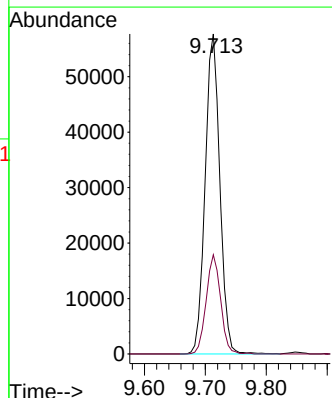
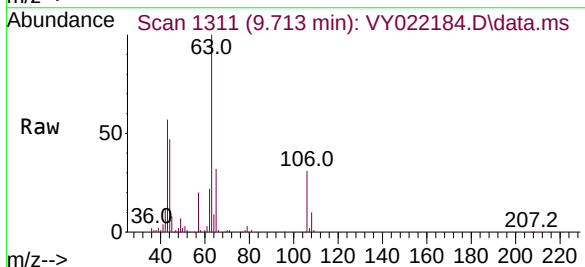
Acq: 07 May 2025 10:58

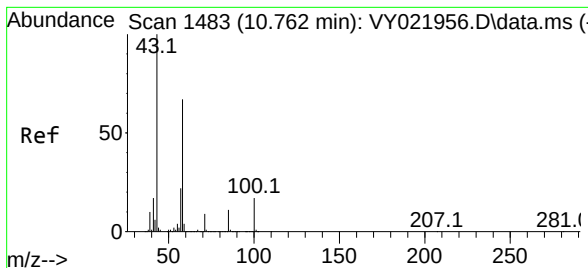
Tgt Ion: 63 Resp: 96784

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

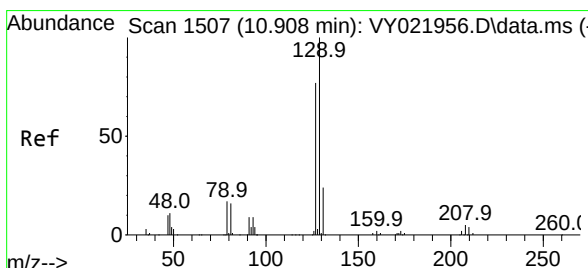
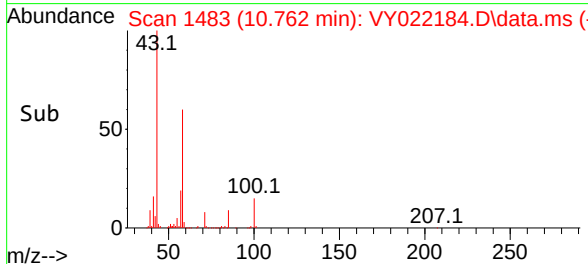
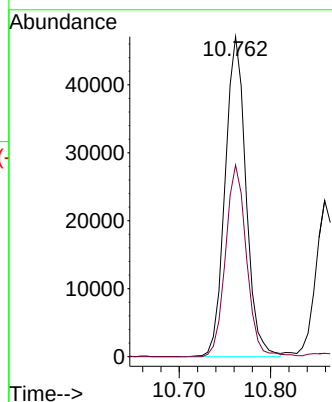
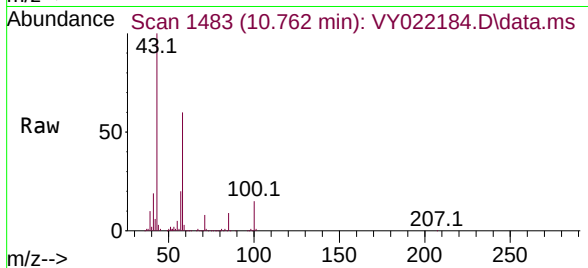




#59
2-Hexanone
Concen: 108.019 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

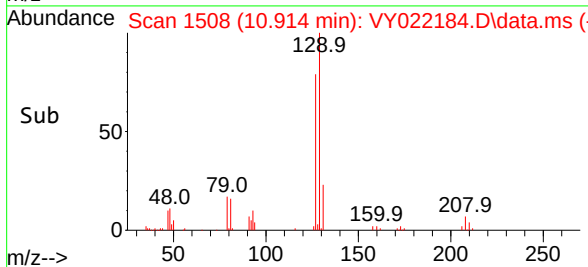
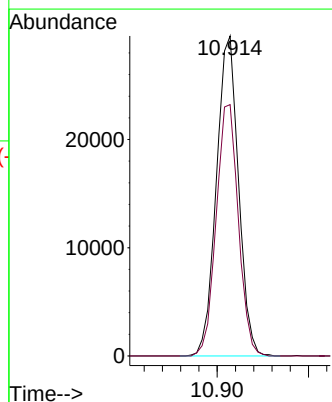
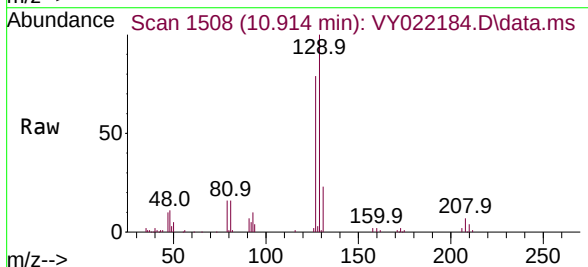
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

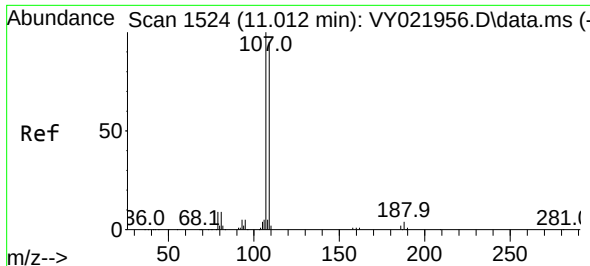
Tgt Ion: 43 Resp: 74729
Ion Ratio Lower Upper
43 100
58 60.1 32.0 96.0



#60
Dibromochloromethane
Concen: 21.371 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 129 Resp: 49615
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3

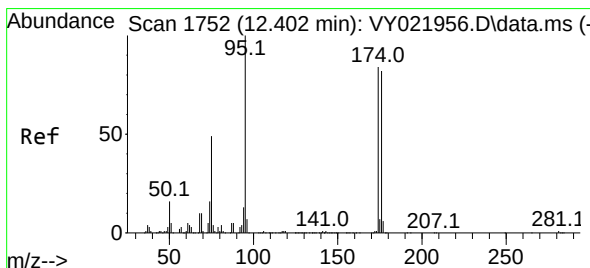
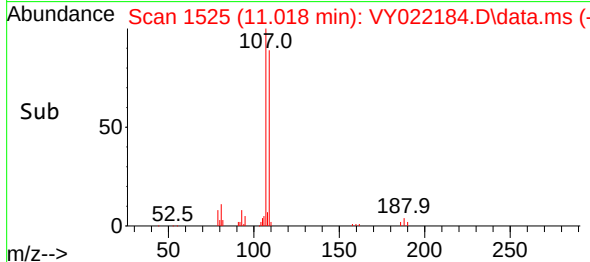
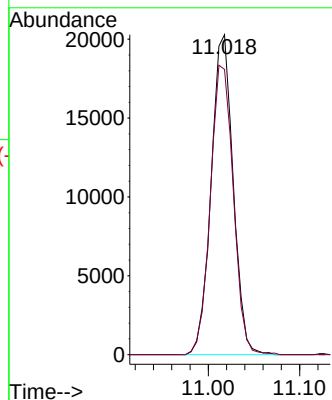
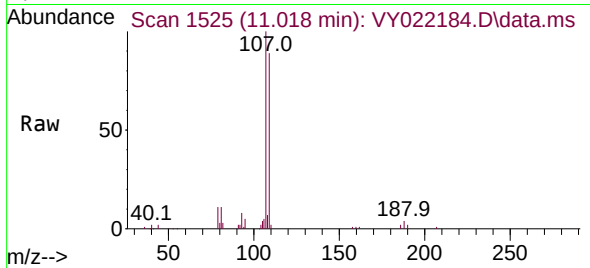




#61
1,2-Dibromoethane
Concen: 21.420 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

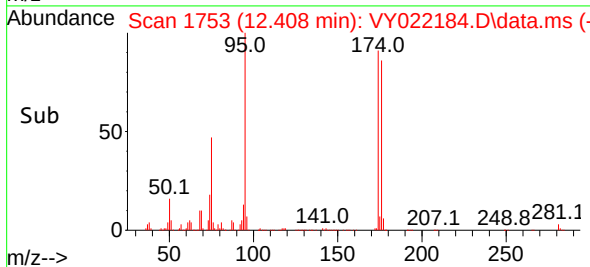
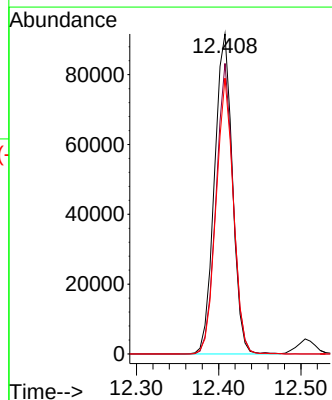
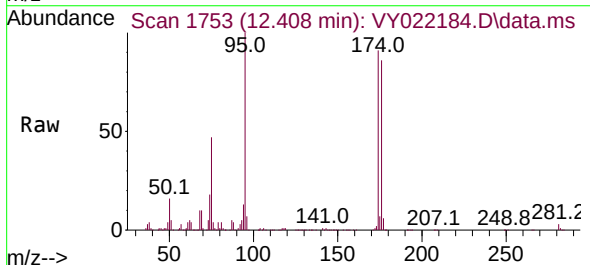
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

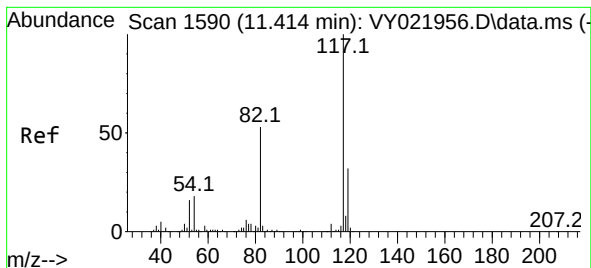
Tgt Ion:107 Resp: 33910
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.643 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 95 Resp: 138806
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.0
176 83.2 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: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

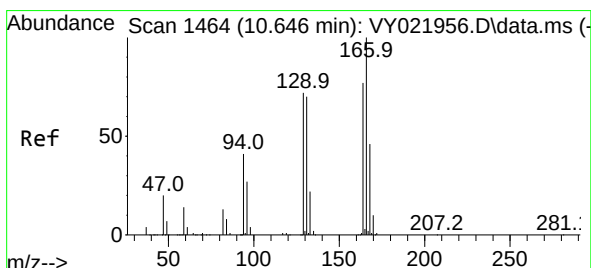
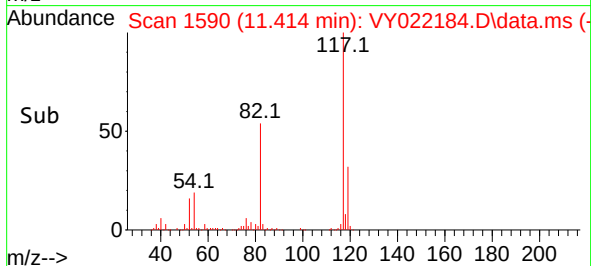
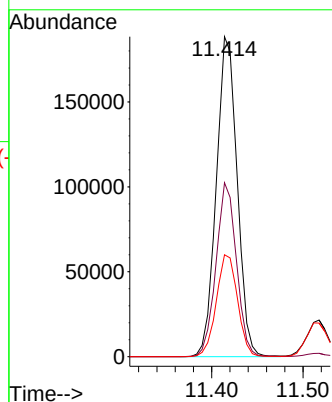
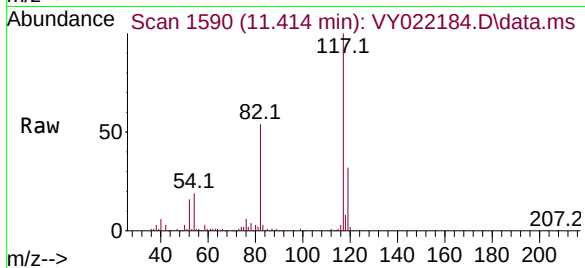
Tgt Ion:117 Resp: 299208

Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 21.595 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Tgt Ion:164 Resp: 60955

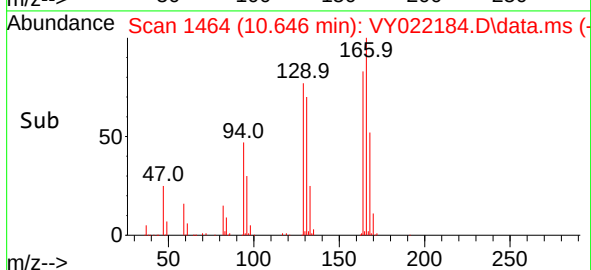
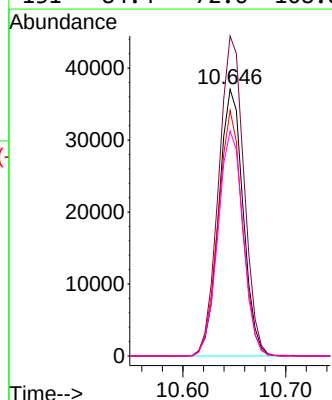
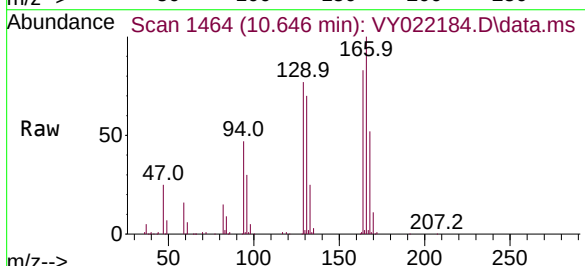
Ion Ratio Lower Upper

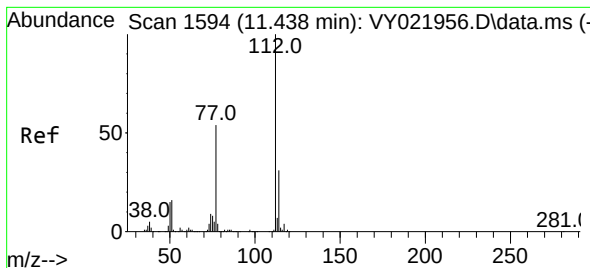
164 100

166 120.0 103.6 155.4

129 92.2 74.2 111.4

131 84.4 72.6 108.8





#65

Chlorobenzene

Concen: 21.032 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

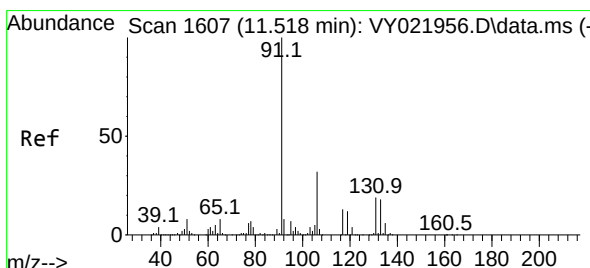
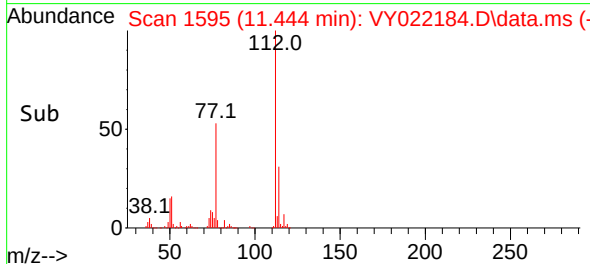
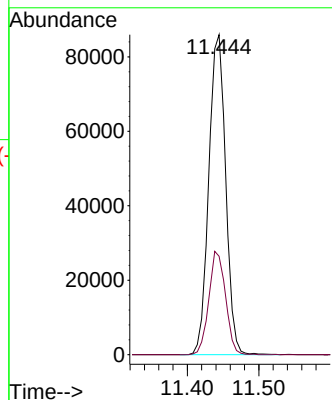
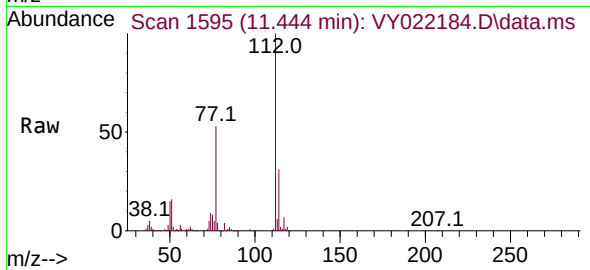
VY0507SBS01

Tgt Ion:112 Resp: 140724

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.360 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

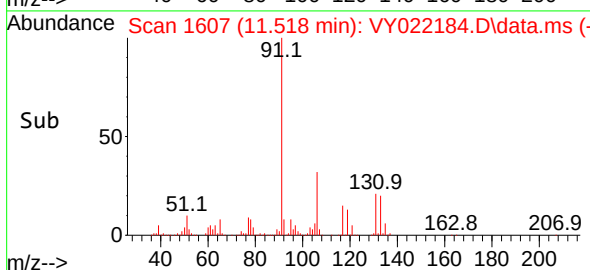
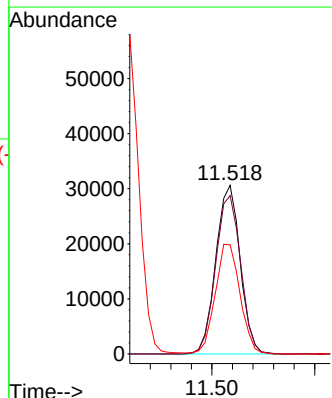
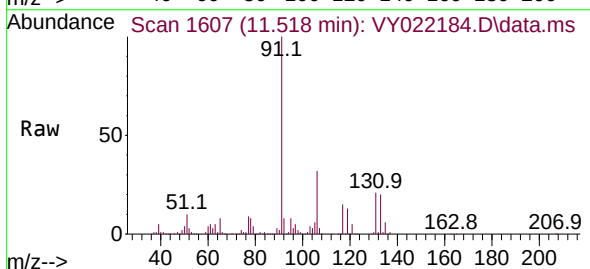
Tgt Ion:131 Resp: 50316

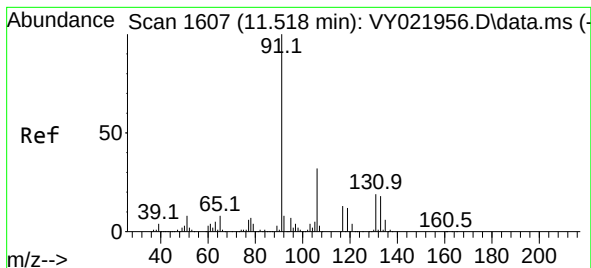
Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.3

119 66.2 32.4 97.0





#67

Ethyl Benzene

Concen: 20.420 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

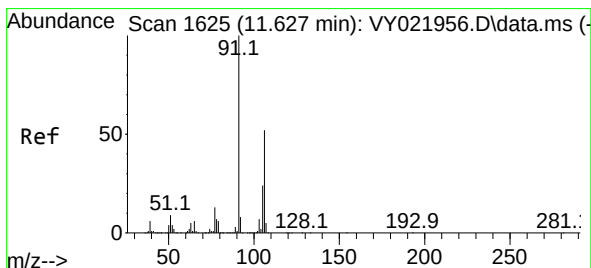
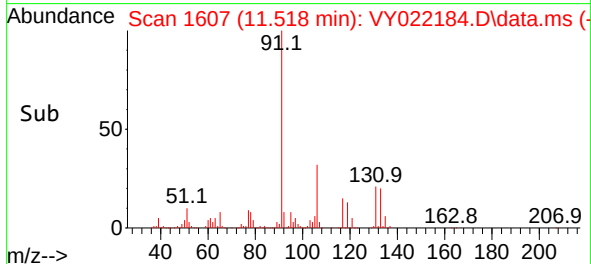
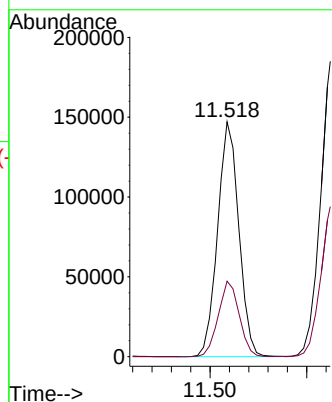
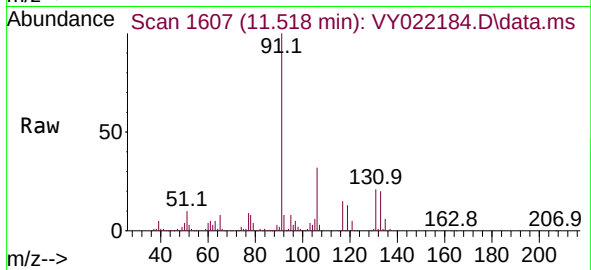
VY0507SBS01

Tgt Ion: 91 Resp: 223509

Ion Ratio Lower Upper

91 100

106 32.2 25.9 38.9



#68

m/p-Xylenes

Concen: 42.295 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022184.D

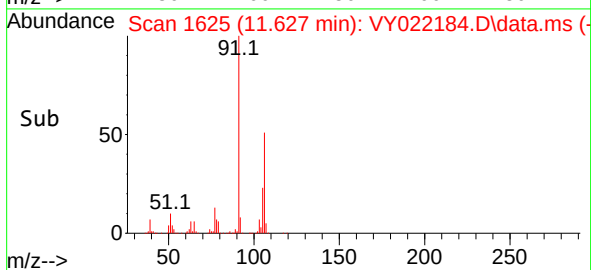
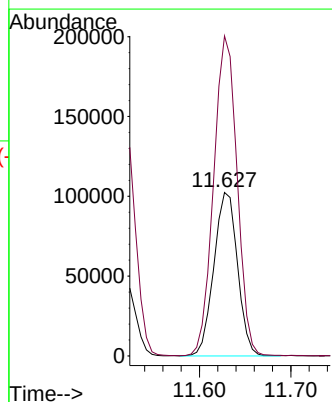
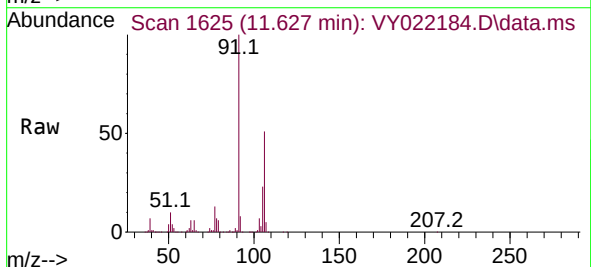
Acq: 07 May 2025 10:58

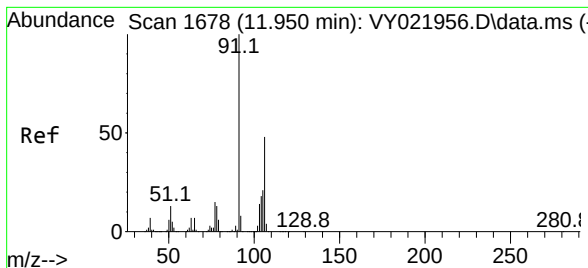
Tgt Ion: 106 Resp: 184214

Ion Ratio Lower Upper

106 100

91 194.1 156.2 234.2

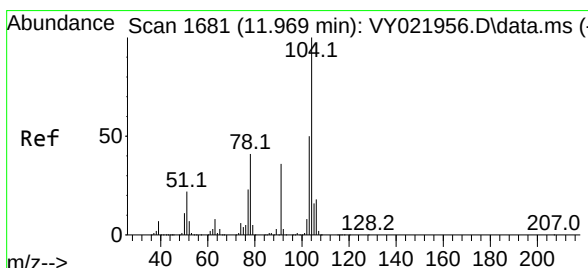
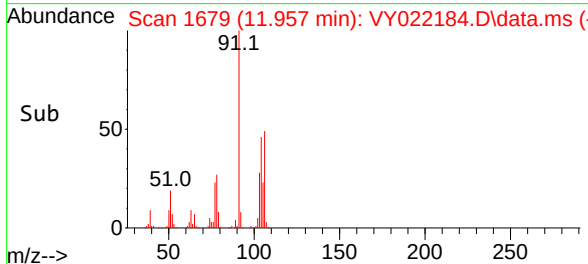
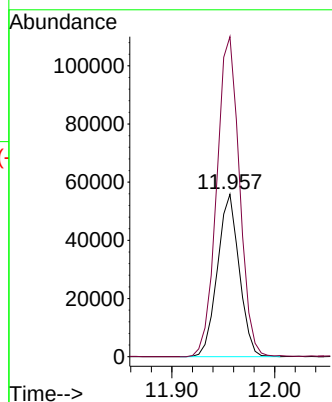
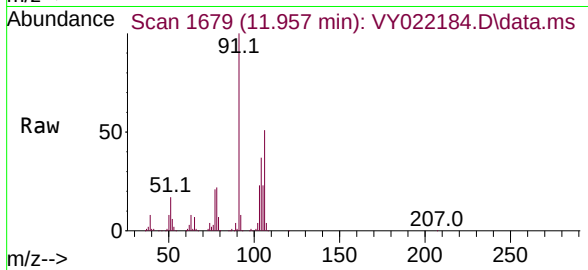




#69
o-Xylene
Concen: 20.449 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

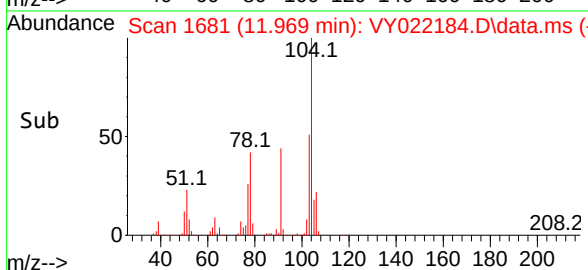
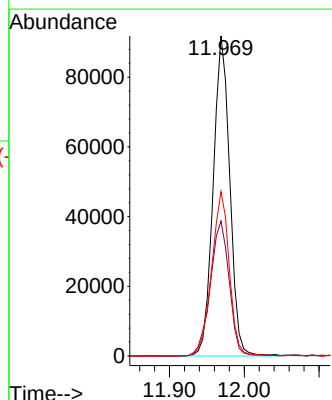
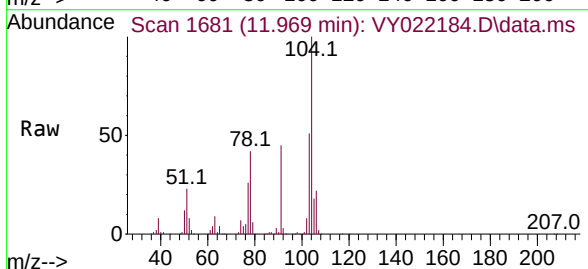
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

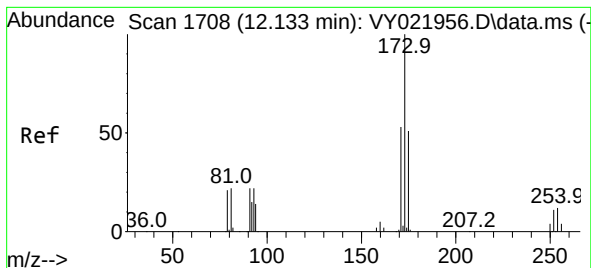
Tgt Ion:106 Resp: 82090
Ion Ratio Lower Upper
106 100
91 206.5 103.0 308.9



#70
Styrene
Concen: 21.032 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion:104 Resp: 141762
Ion Ratio Lower Upper
104 100
78 47.7 36.6 54.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 20.929 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

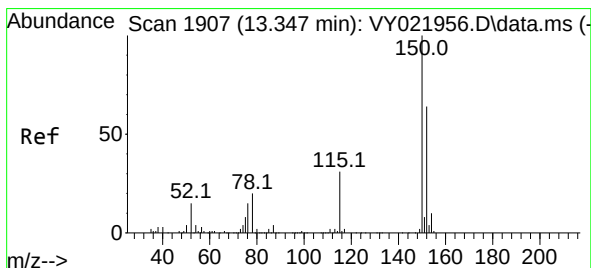
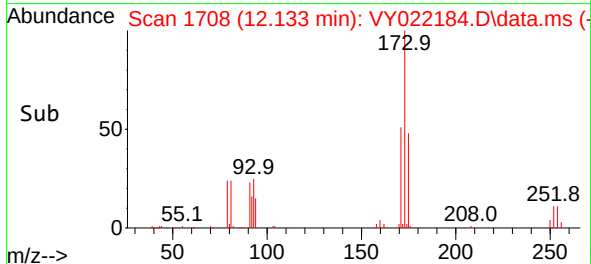
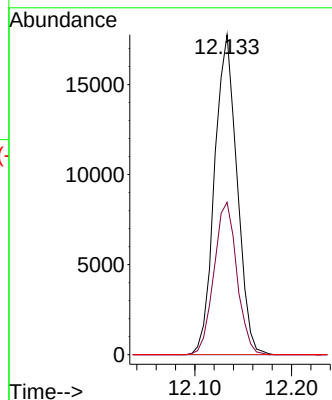
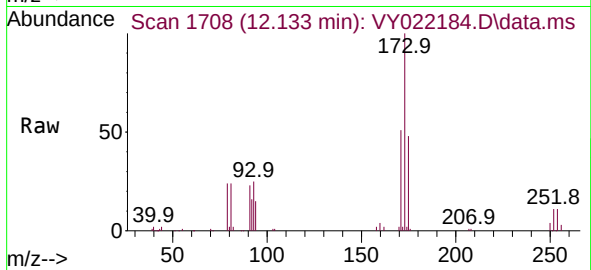
Tgt Ion:173 Resp: 28663

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

254 0.0 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: VY022184.D

Acq: 07 May 2025 10:58

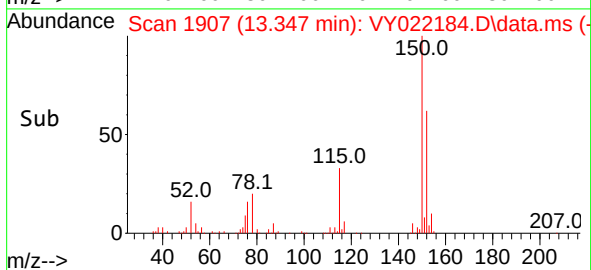
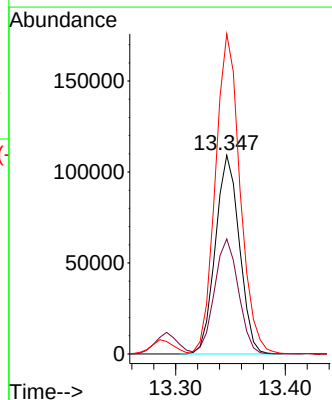
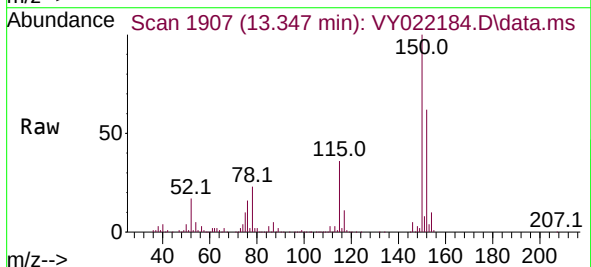
Tgt Ion:152 Resp: 165883

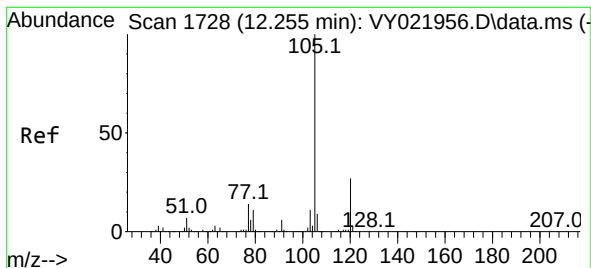
Ion Ratio Lower Upper

152 100

115 57.9 28.0 84.0

150 166.1 0.0 345.6





#73

Isopropylbenzene

Concen: 19.559 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

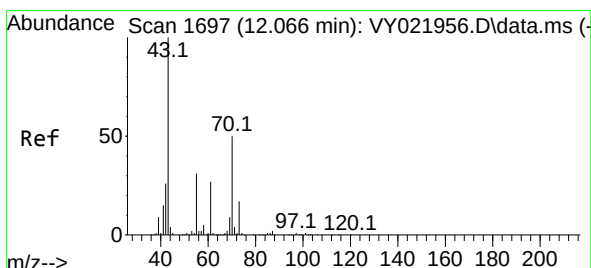
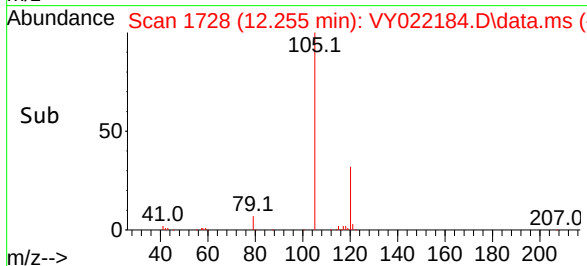
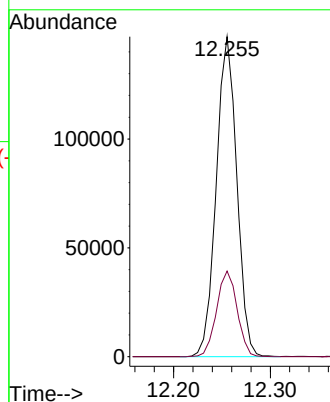
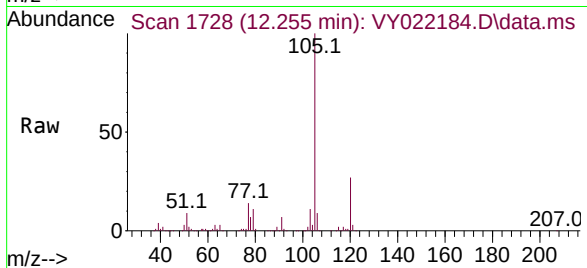
VY0507SBS01

Tgt Ion:105 Resp: 216768

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 20.000 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Tgt Ion: 43 Resp: 38083

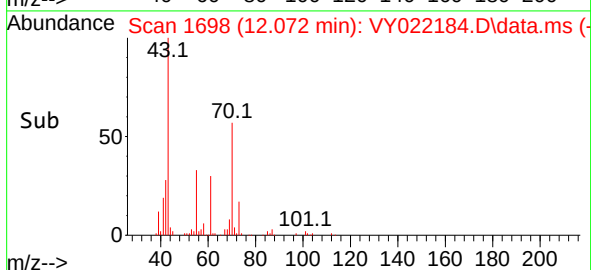
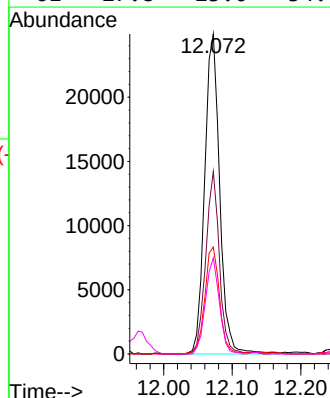
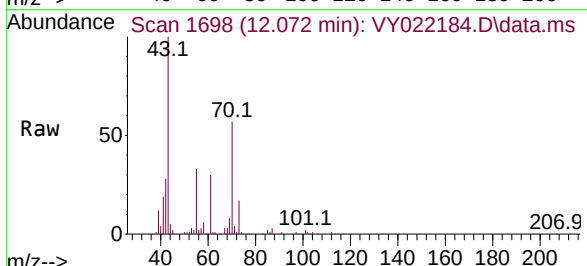
Ion Ratio Lower Upper

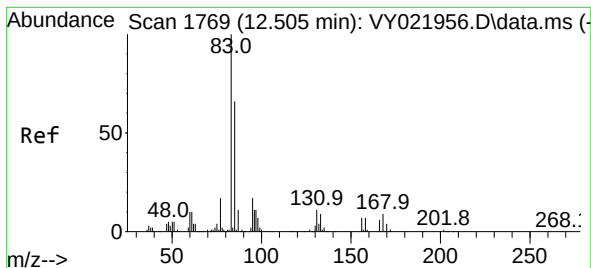
43 100

70 51.7 43.2 64.8

55 32.7 25.7 38.5

61 27.8 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.387 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

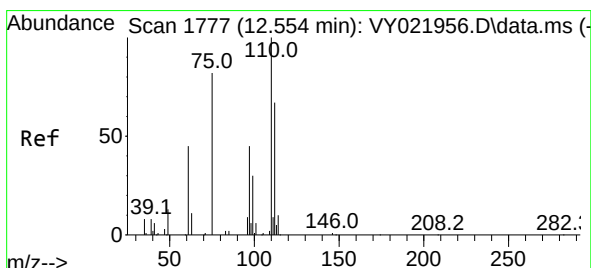
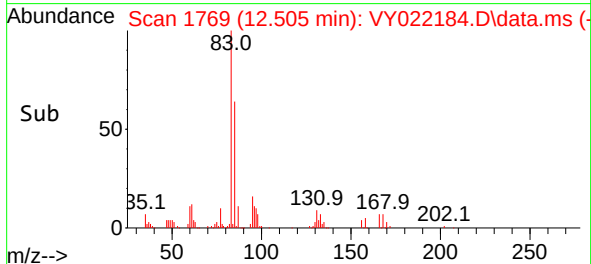
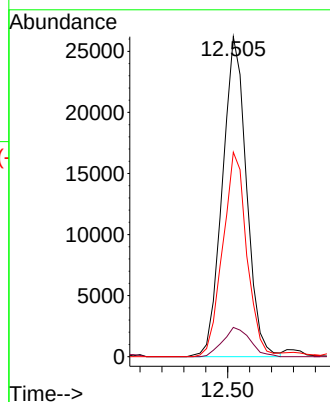
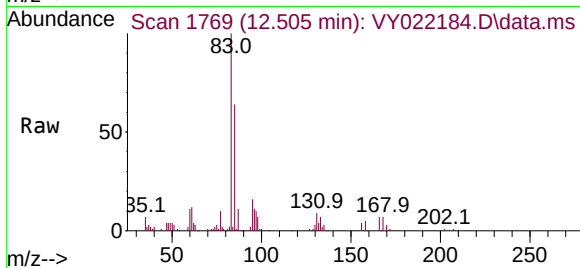
Tgt Ion: 83 Resp: 39962

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 63.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 36.645 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022184.D

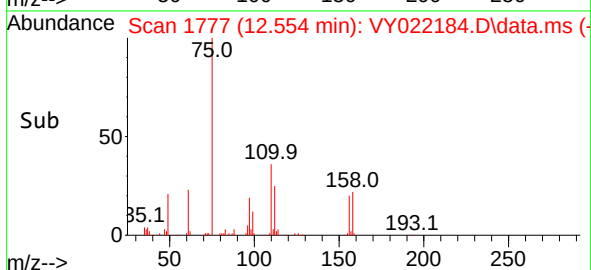
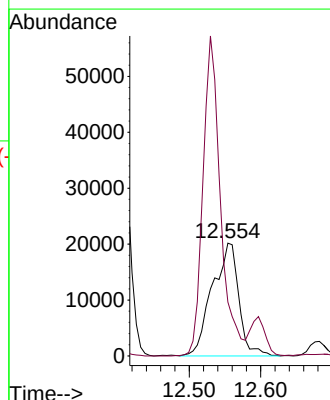
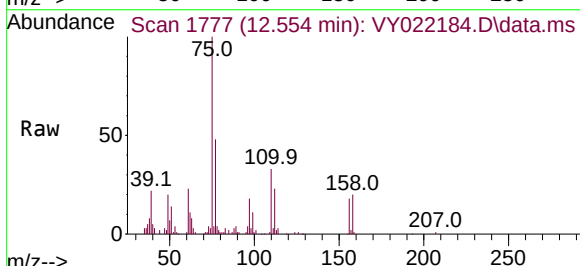
Acq: 07 May 2025 10:58

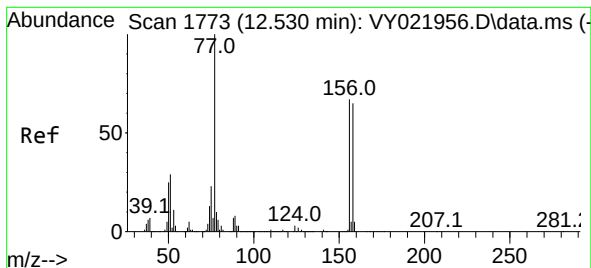
Tgt Ion: 75 Resp: 52068

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.612 ug/l

RT: 12.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

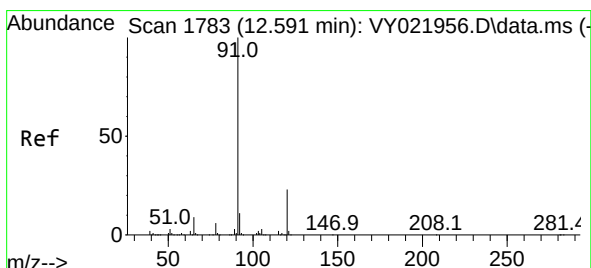
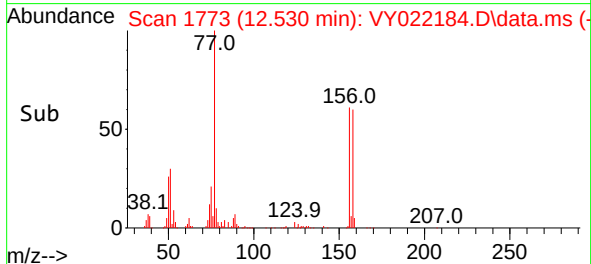
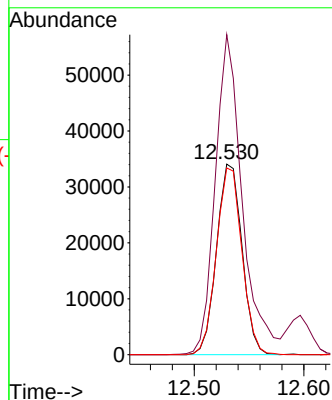
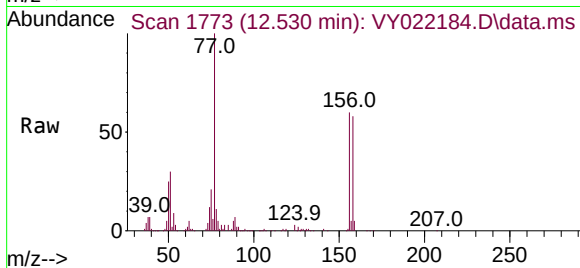
Tgt Ion:156 Resp: 54922

Ion Ratio Lower Upper

156 100

77 178.5 82.7 248.1

158 98.8 48.1 144.4



#78

n-propylbenzene

Concen: 20.275 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022184.D

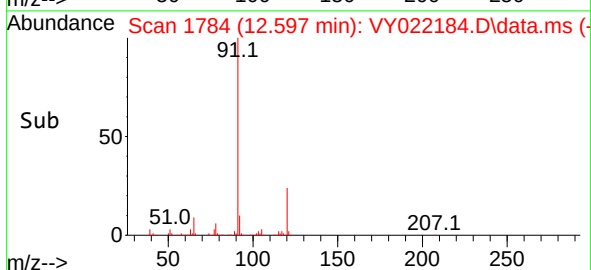
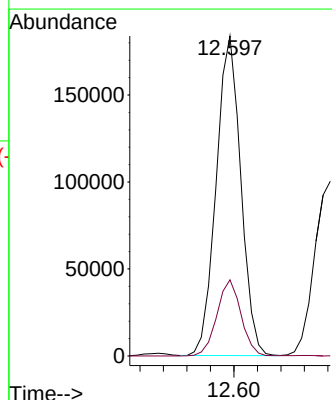
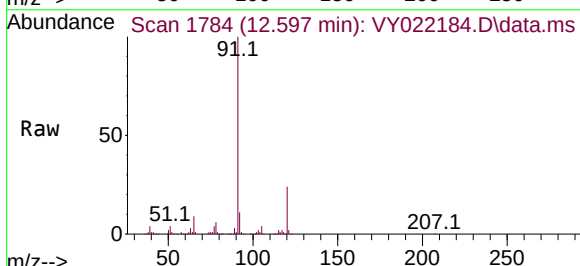
Acq: 07 May 2025 10:58

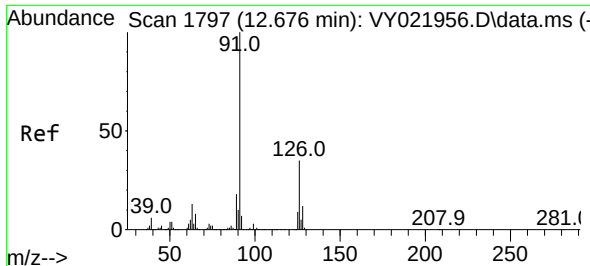
Tgt Ion: 91 Resp: 267600

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.334 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

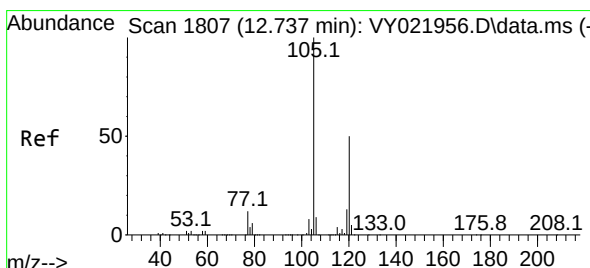
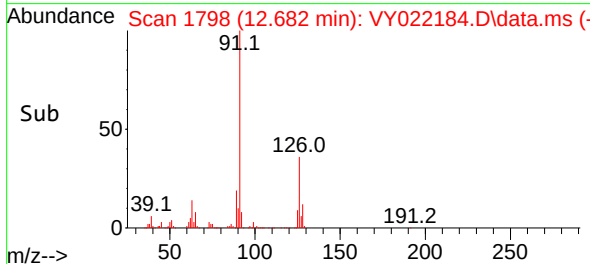
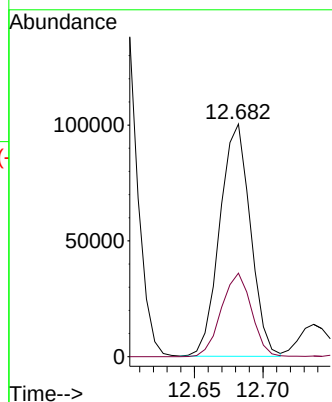
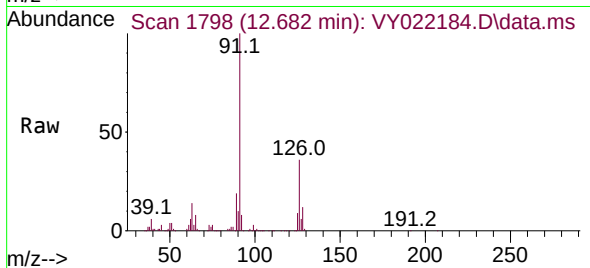
VY0507SBS01

Tgt Ion: 91 Resp: 156077

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.248 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022184.D

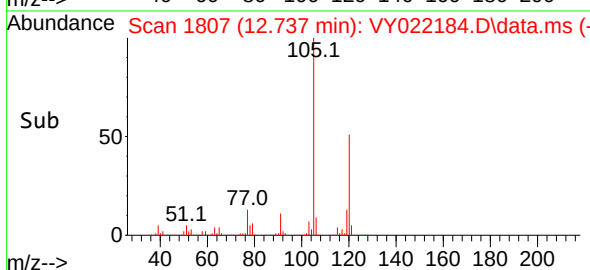
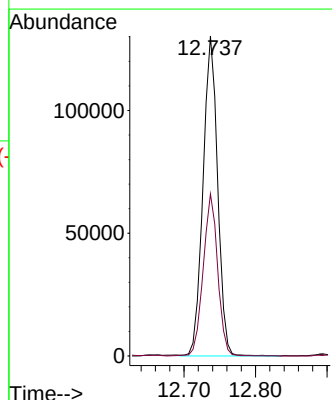
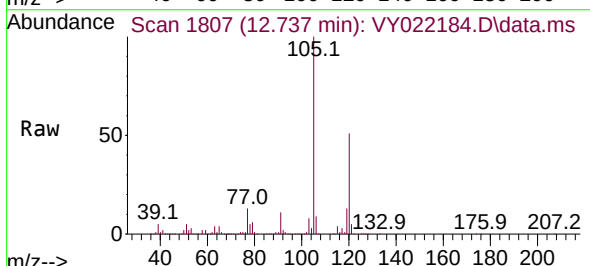
Acq: 07 May 2025 10:58

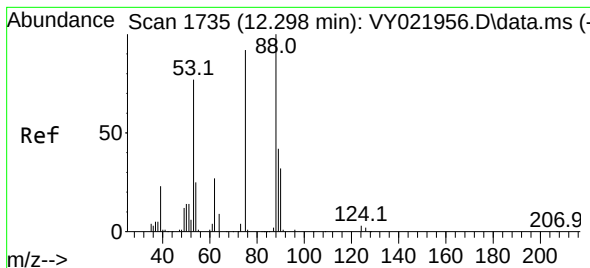
Tgt Ion: 105 Resp: 184894

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0

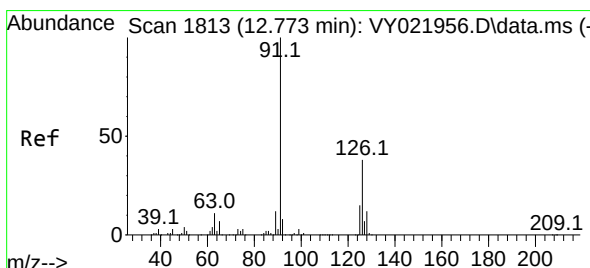
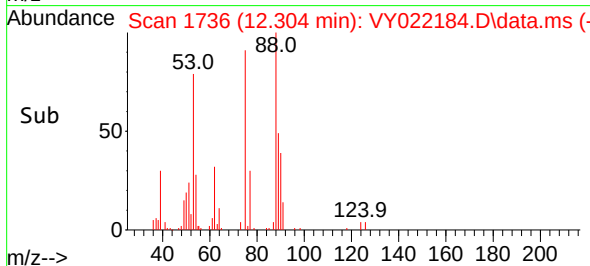
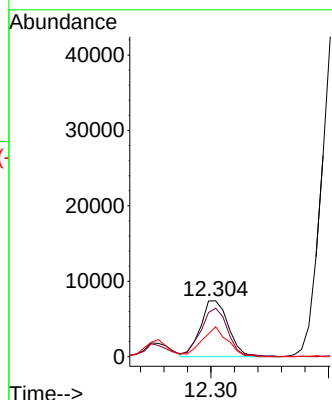
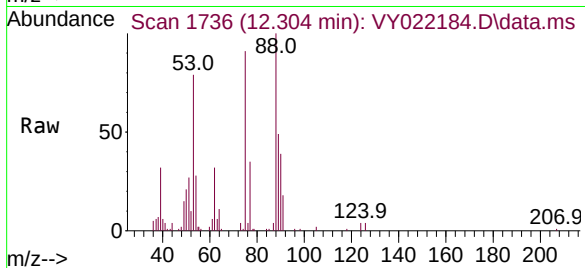




#81
trans-1,4-Dichloro-2-butene
Concen: 20.733 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

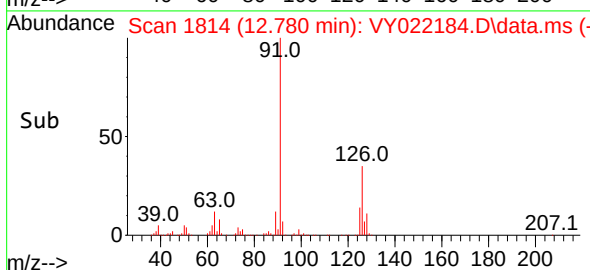
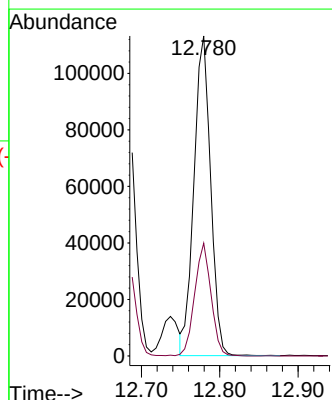
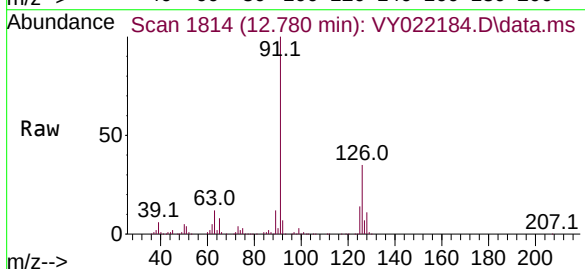
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

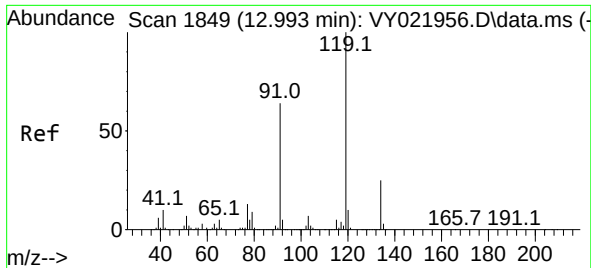
Tgt Ion: 75 Resp: 12233
Ion Ratio Lower Upper
75 100
53 84.1 66.0 99.0
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.018 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 91 Resp: 167701
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8

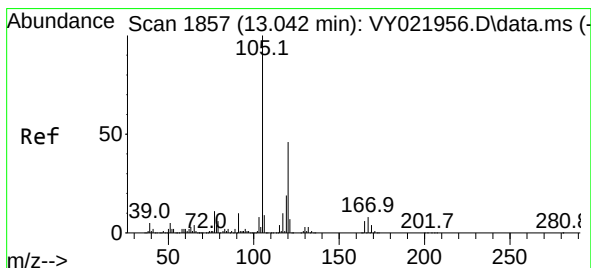
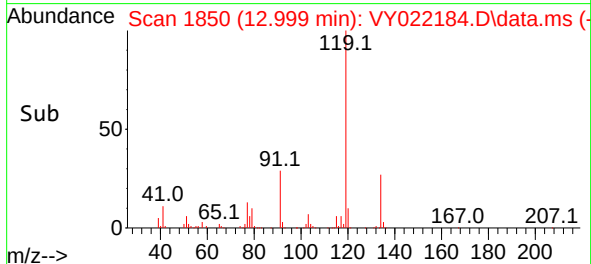
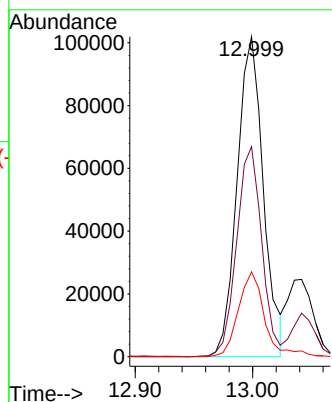
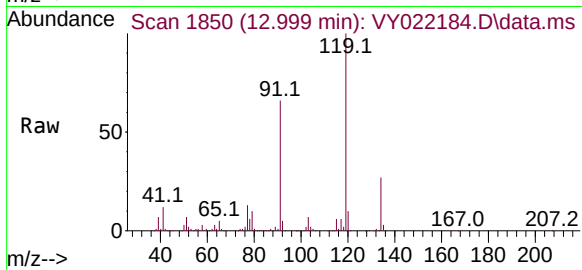




#83
 tert-Butylbenzene
 Concen: 19.339 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

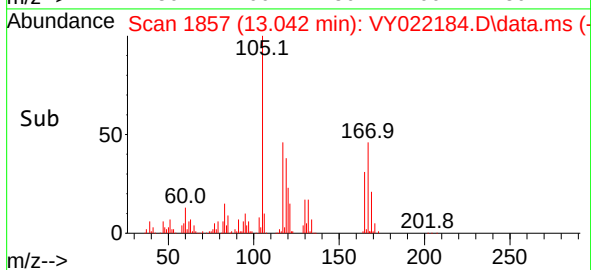
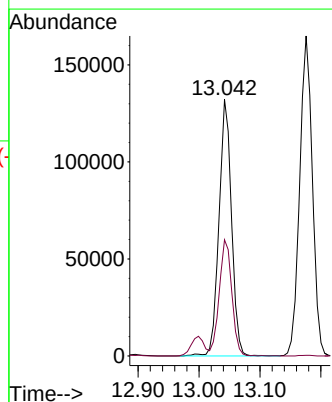
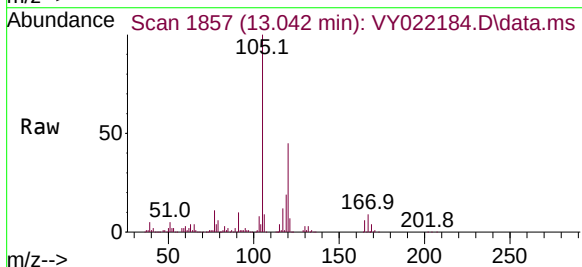
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

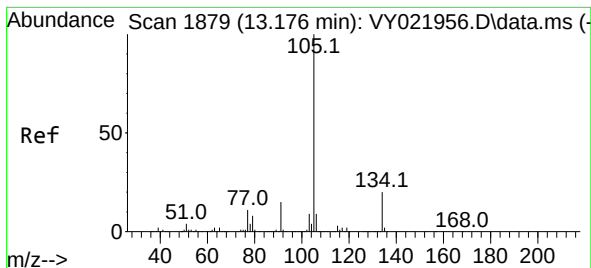
Tgt Ion:119 Resp: 158382
 Ion Ratio Lower Upper
 119 100
 91 62.8 30.3 90.9
 134 26.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.681 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022184.D
 Acq: 07 May 2025 10:58

Tgt Ion:105 Resp: 188897
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.851 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

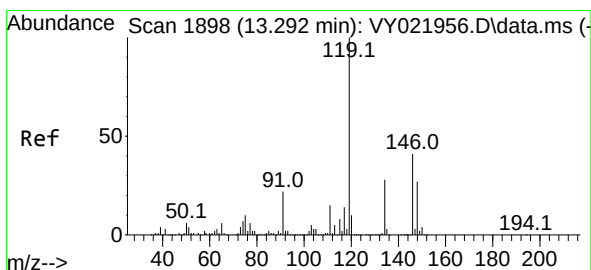
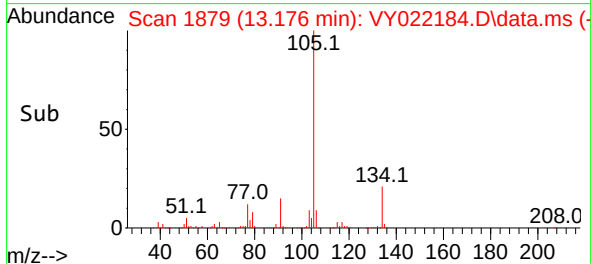
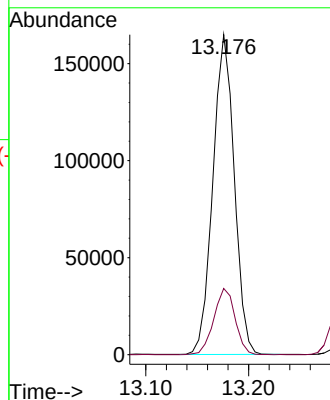
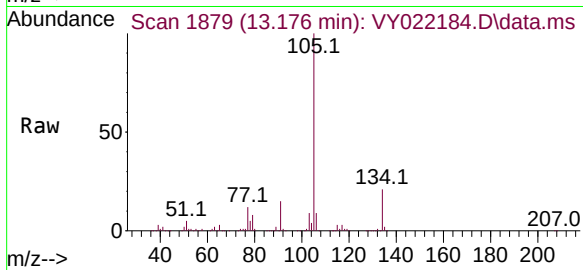
VY0507SBS01

Tgt Ion:105 Resp: 237888

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.927 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

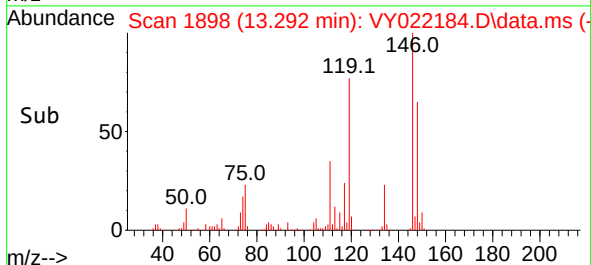
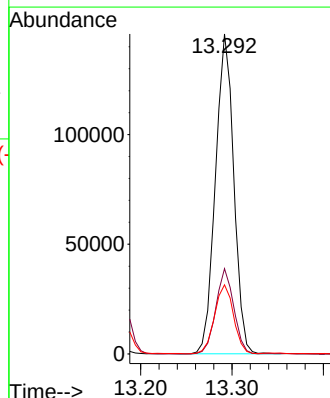
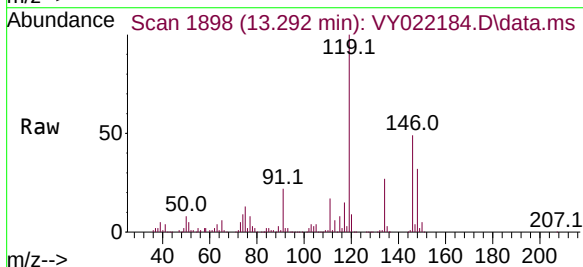
Tgt Ion:119 Resp: 202784

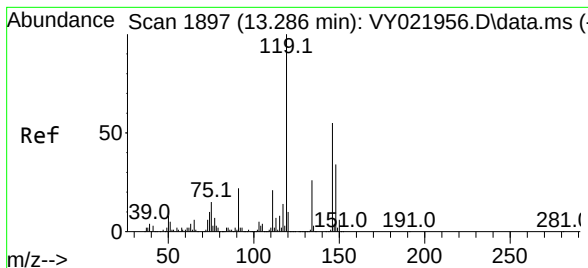
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.271 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

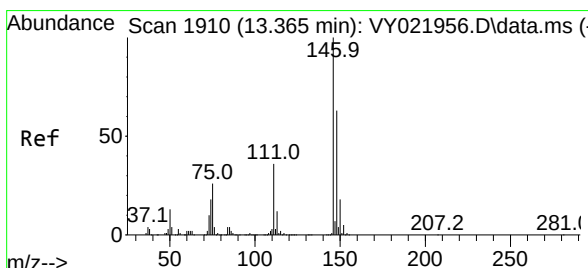
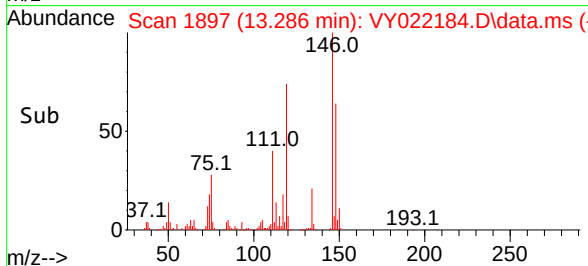
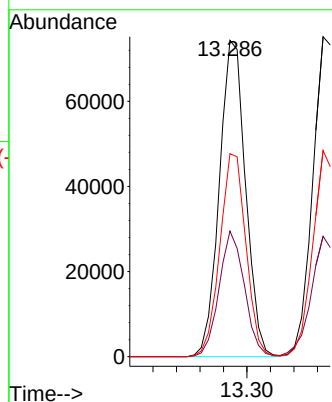
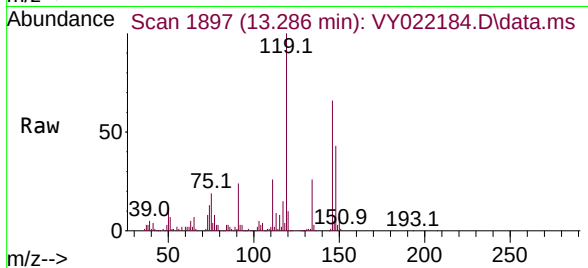
Tgt Ion:146 Resp: 115298

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

148 63.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.739 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

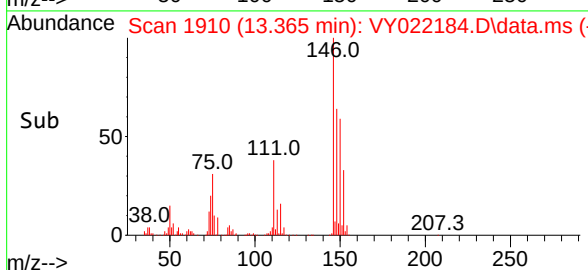
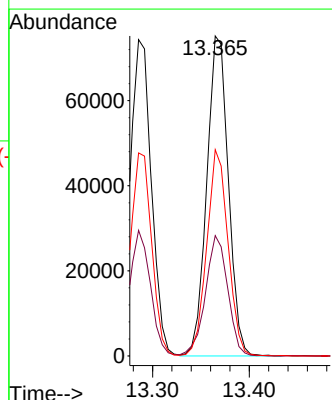
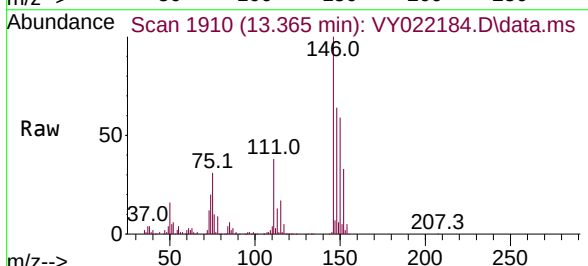
Tgt Ion:146 Resp: 116826

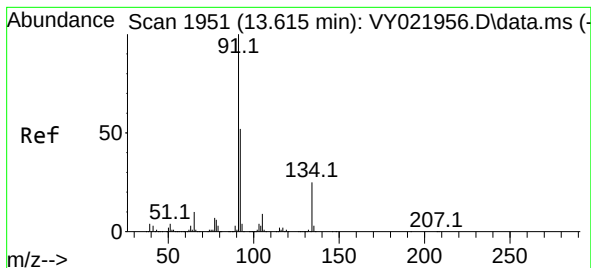
Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 19.745 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

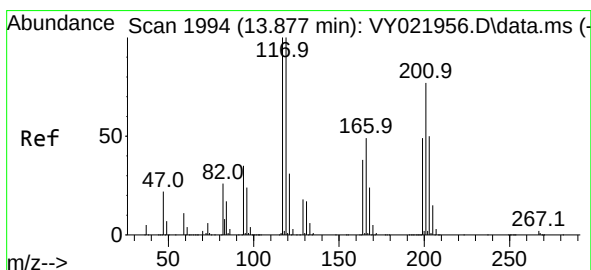
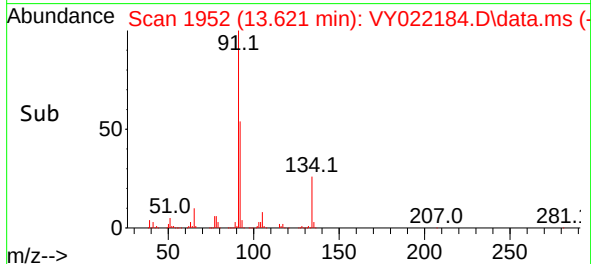
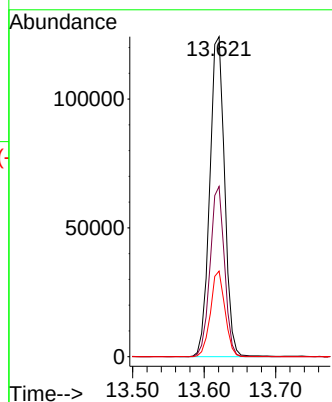
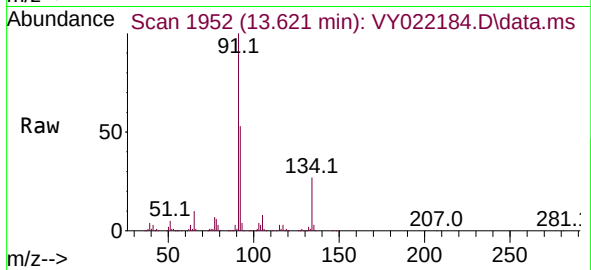
Tgt Ion: 91 Resp: 179599

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 26.0 13.4 40.1



#90

Hexachloroethane

Concen: 20.246 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022184.D

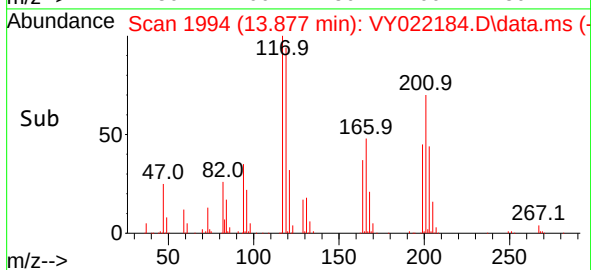
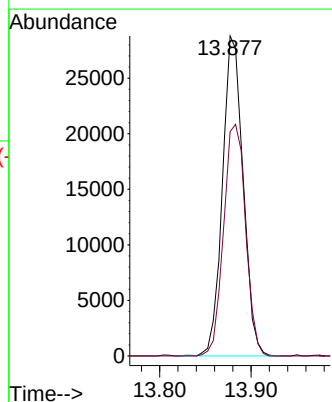
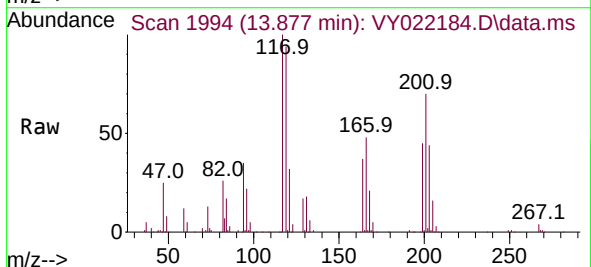
Acq: 07 May 2025 10:58

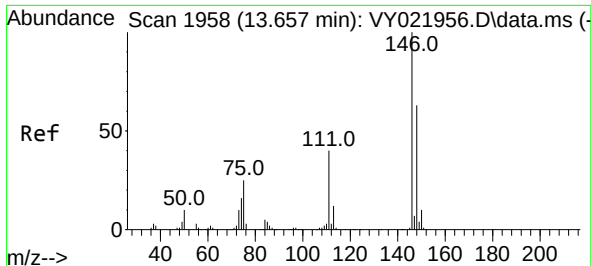
Tgt Ion: 117 Resp: 45266

Ion Ratio Lower Upper

117 100

201 76.9 38.7 116.1

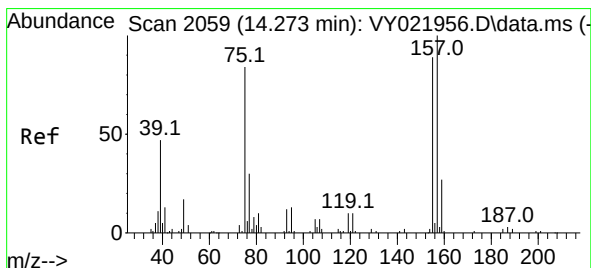
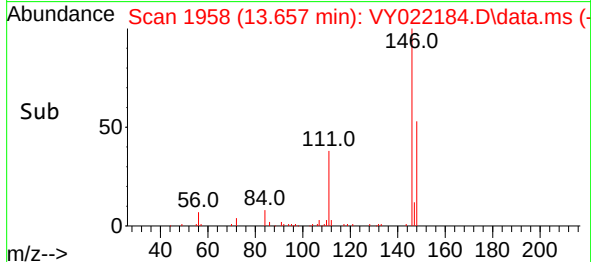
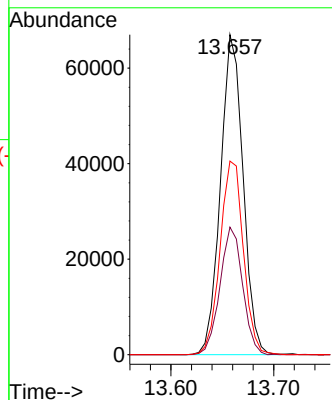
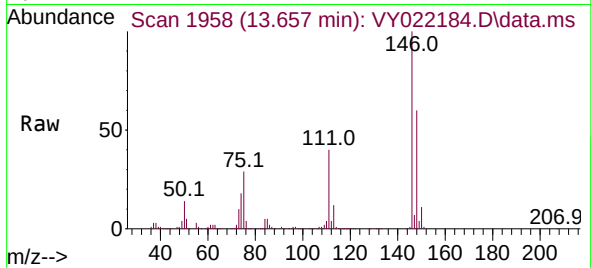




#91
1,2-Dichlorobenzene
Concen: 20.561 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

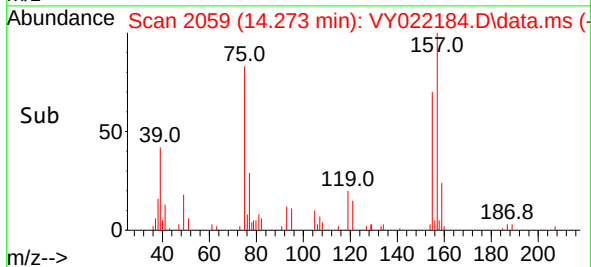
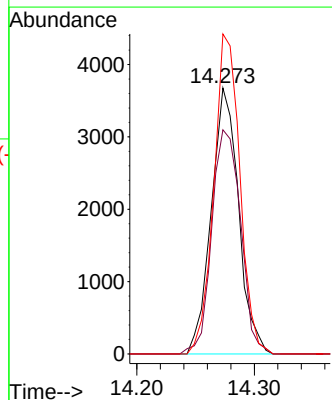
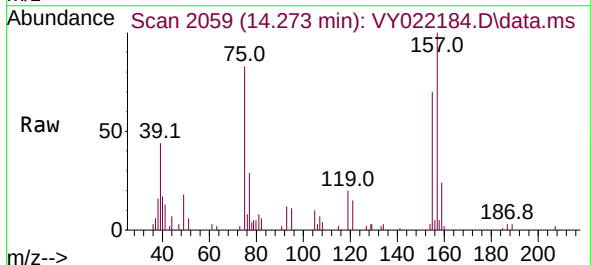
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

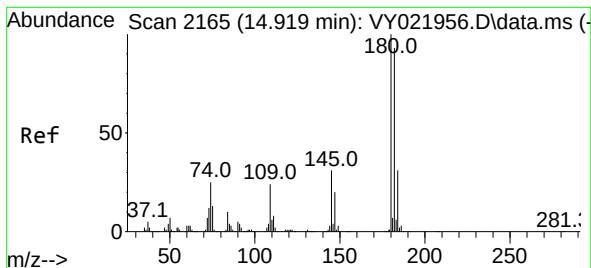
Tgt Ion:146 Resp: 102002
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 62.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.921 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022184.D
Acq: 07 May 2025 10:58

Tgt Ion: 75 Resp: 5922
Ion Ratio Lower Upper
75 100
155 88.9 50.7 152.3
157 115.0 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.149 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

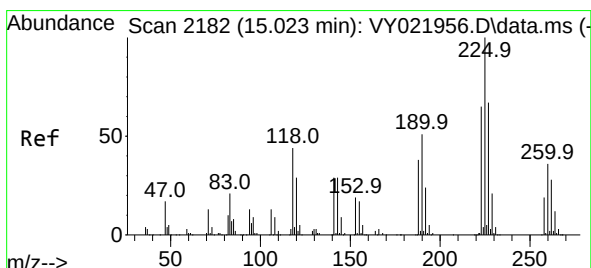
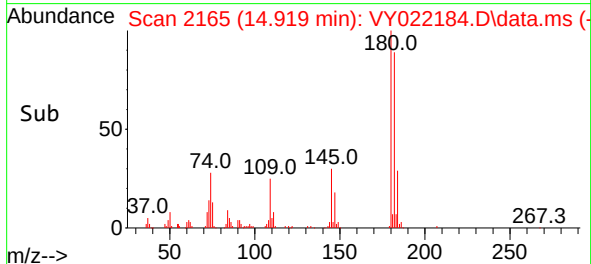
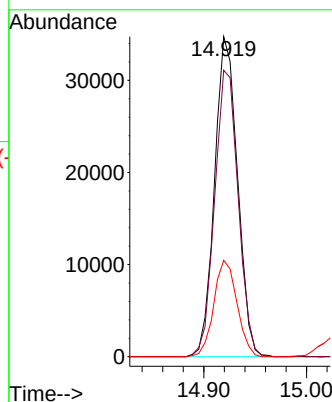
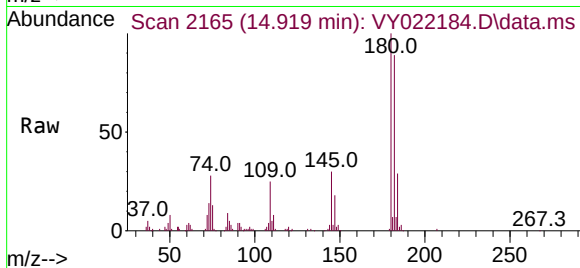
Tgt Ion:180 Resp: 53831

Ion Ratio Lower Upper

180 100

182 91.7 47.1 141.4

145 30.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.971 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

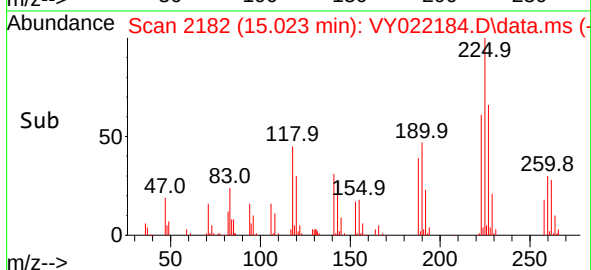
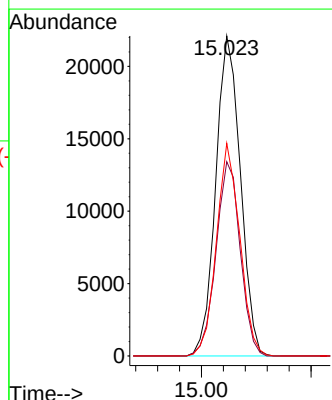
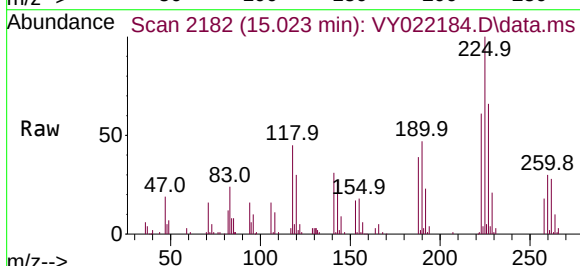
Tgt Ion:225 Resp: 34543

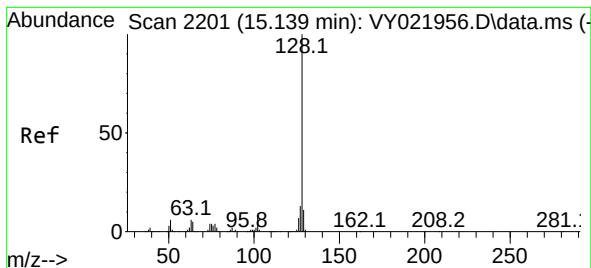
Ion Ratio Lower Upper

225 100

223 59.6 31.9 95.5

227 63.0 32.3 96.9





#95

Naphthalene

Concen: 16.961 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

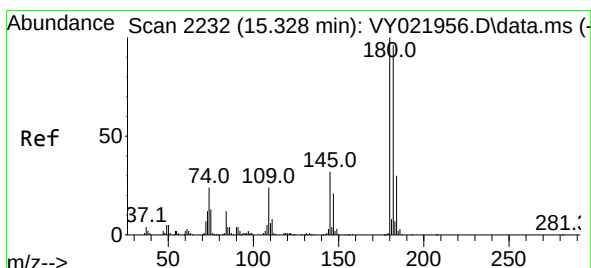
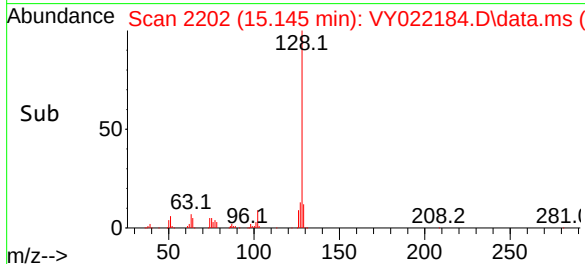
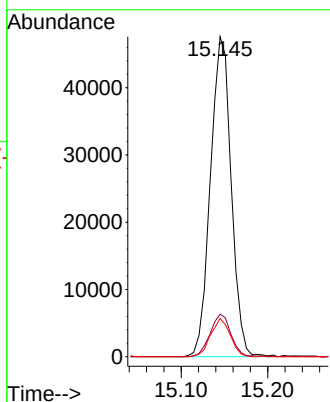
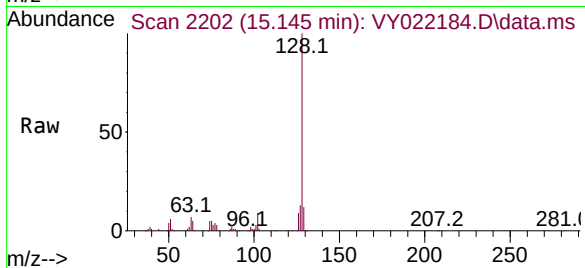
Tgt Ion:128 Resp: 79205

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.188 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022184.D

Acq: 07 May 2025 10:58

Tgt Ion:180 Resp: 46563

Ion Ratio Lower Upper

180 100

182 91.2 48.1 144.4

145 32.4 16.0 48.0

