

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022097.D
 Acq On : 01 May 2025 10:42
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Quant Time: May 01 12:53:46 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	294485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	452802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	225406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129149	47.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.634	113	148223	49.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.109	98	564747	50.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.408	95	187006	49.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48273	19.238	ug/l	99
3) Chloromethane	2.068	50	66754	18.683	ug/l	99
4) Vinyl Chloride	2.202	62	82174	18.716	ug/l	94
5) Bromomethane	2.592	94	70373	18.604	ug/l	97
6) Chloroethane	2.732	64	56478	18.887	ug/l	99
7) Trichlorofluoromethane	3.056	101	115218	19.900	ug/l	98
8) Diethyl Ether	3.452	74	28039	18.606	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	62306	19.838	ug/l	97
10) Methyl Iodide	4.001	142	67604	18.591	ug/l	100
11) Tert butyl alcohol	4.866	59	12138	81.282	ug/l	98
12) 1,1-Dichloroethene	3.787	96	58265	19.903	ug/l	98
13) Acrolein	3.653	56	17856	66.621	ug/l	97
14) Allyl chloride	4.379	41	63510	18.632	ug/l	97
15) Acrylonitrile	5.055	53	48849	88.546	ug/l	98
16) Acetone	3.866	43	37306	91.214	ug/l	99
17) Carbon Disulfide	4.104	76	182459	19.547	ug/l	98
18) Methyl Acetate	4.379	43	23736	18.681	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	117798	17.978	ug/l	99
20) Methylene Chloride	4.610	84	66341	19.288	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	64503	19.674	ug/l	95
22) Diisopropyl ether	6.012	45	147267	19.413	ug/l	96
23) Vinyl Acetate	5.958	43	372032	91.000	ug/l	99
24) 1,1-Dichloroethane	5.915	63	104275	19.831	ug/l #	96
25) 2-Butanone	6.896	43	53781	86.739	ug/l	98
26) 2,2-Dichloropropane	6.884	77	93707	20.333	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	72723	19.837	ug/l	99
28) Bromochloromethane	7.244	49	38682	18.940	ug/l	97
29) Tetrahydrofuran	7.256	42	34870	86.590	ug/l	99
30) Chloroform	7.421	83	118101	20.249	ug/l	98
31) Cyclohexane	7.701	56	84609	18.817	ug/l #	92
32) 1,1,1-Trichloroethane	7.616	97	106076	20.103	ug/l	99
36) 1,1-Dichloropropene	7.835	75	79939	19.894	ug/l	100
37) Ethyl Acetate	6.982	43	25337	17.556	ug/l	97
38) Carbon Tetrachloride	7.817	117	99102	20.639	ug/l	98
39) Methylcyclohexane	9.109	83	95859	18.956	ug/l	96
40) Benzene	8.079	78	254338	20.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	12694	16.090	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	61949	19.920	ug/l	99
43) Isopropyl Acetate	8.195	43	48886	17.639	ug/l	99
44) Trichloroethene	8.866	130	70695	20.319	ug/l	97
45) 1,2-Dichloropropane	9.140	63	55919	20.131	ug/l	98
46) Dibromomethane	9.231	93	34103	19.612	ug/l	98
47) Bromodichloromethane	9.420	83	89355	20.570	ug/l	97
48) Methyl methacrylate	9.219	41	21714	16.948	ug/l	93
49) 1,4-Dioxane	9.231	88	6896	372.078	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	127974	88.084	ug/l	99
52) Toluene	10.170	92	167187	20.562	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	70469	18.912	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	88193	19.912	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	46804	20.150	ug/l	96
56) Ethyl methacrylate	10.438	69	46419	17.476	ug/l	97
57) 1,3-Dichloropropane	10.719	76	73345	19.697	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	112618	86.715	ug/l	100
59) 2-Hexanone	10.762	43	81146	84.678	ug/l	98
60) Dibromochloromethane	10.908	129	63759	19.827	ug/l	98
61) 1,2-Dibromoethane	11.018	107	43603	19.884	ug/l	96
64) Tetrachloroethene	10.646	164	81769	20.925	ug/l	98
65) Chlorobenzene	11.444	112	183689	19.830	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	65069	19.952	ug/l	97
67) Ethyl Benzene	11.517	91	295862	19.525	ug/l	99
68) m/p-Xylenes	11.627	106	244316	40.518	ug/l	99
69) o-Xylene	11.956	106	109092	19.629	ug/l	99
70) Styrene	11.969	104	187388	20.081	ug/l	99
71) Bromoform	12.133	173	37191	19.615	ug/l #	98
73) Isopropylbenzene	12.255	105	288742	19.173	ug/l	100
74) N-amyl acetate	12.072	43	41858	16.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	46736	18.407	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	60442	31.306	ug/l #	100
77) Bromobenzene	12.530	156	73542	19.326	ug/l	98
78) n-propylbenzene	12.597	91	349898	19.510	ug/l	100
79) 2-Chlorotoluene	12.682	91	203324	19.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	243534	19.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	13702	17.090	ug/l	96
82) 4-Chlorotoluene	12.779	91	211849	19.539	ug/l	98
83) tert-Butylbenzene	12.999	119	211608	19.015	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	242538	19.542	ug/l	98
85) sec-Butylbenzene	13.176	105	316527	19.438	ug/l	99
86) p-Isopropyltoluene	13.292	119	268577	19.423	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	153561	19.869	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	150028	19.600	ug/l	99
89) n-Butylbenzene	13.621	91	230584	18.656	ug/l	99
90) Hexachloroethane	13.877	117	59920	19.723	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	130714	19.391	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7153	17.708	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	72623	19.012	ug/l	99
94) Hexachlorobutadiene	15.023	225	47671	20.283	ug/l	97
95) Naphthalene	15.145	128	104223	16.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	61917	18.778	ug/l	99

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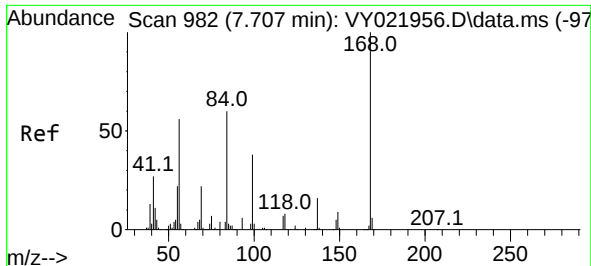
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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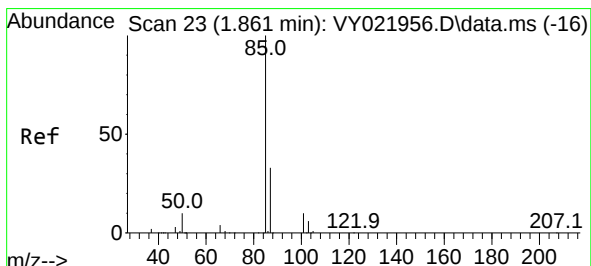
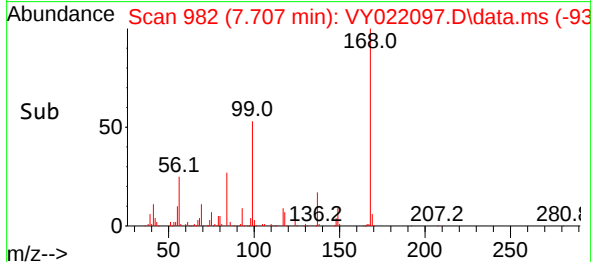
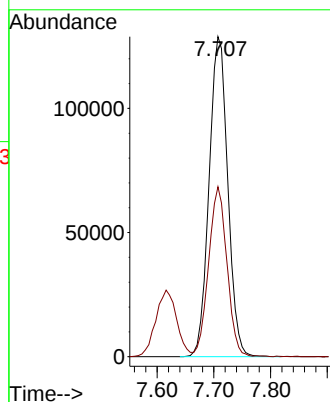
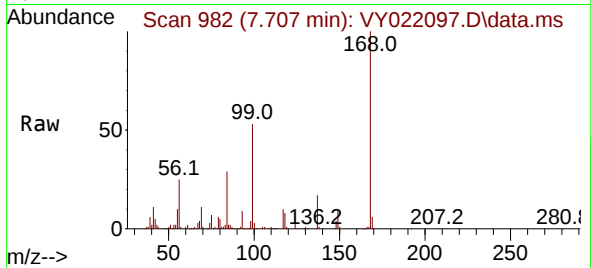




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022097.D
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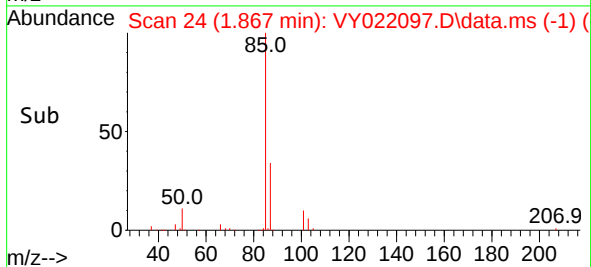
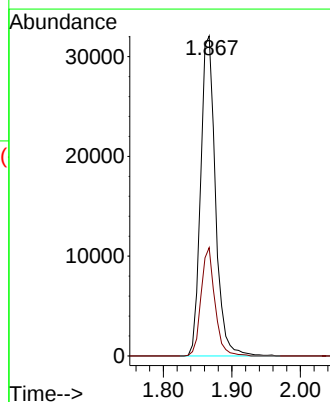
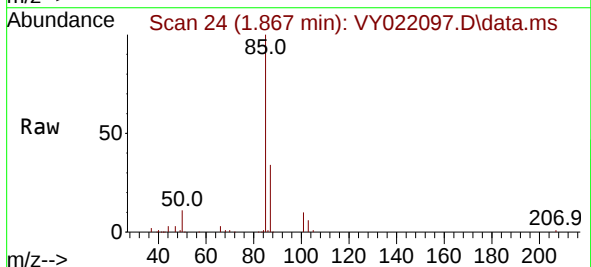
Instrument :
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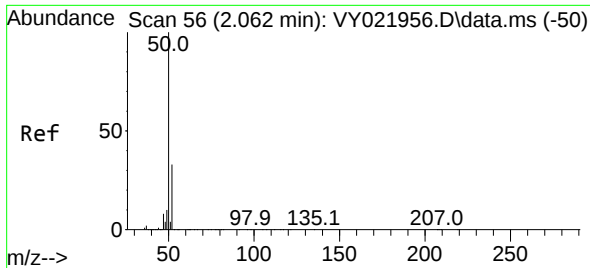
Tgt Ion:168 Resp: 294485
Ion Ratio Lower Upper
168 100
99 53.0 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.238 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 85 Resp: 48273
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.7

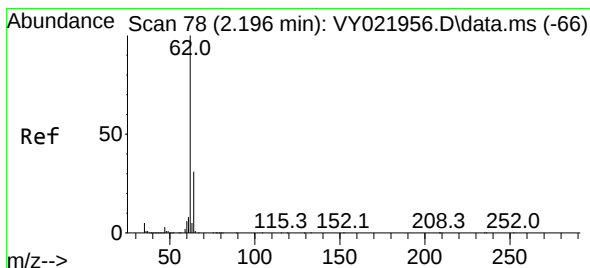
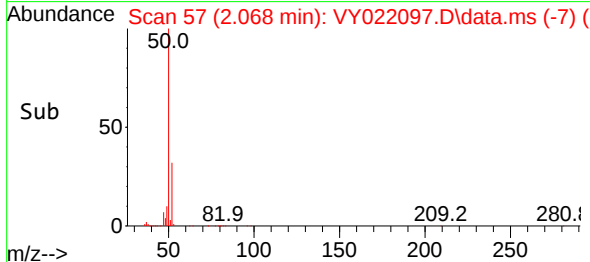
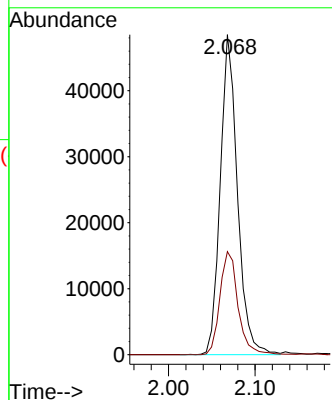
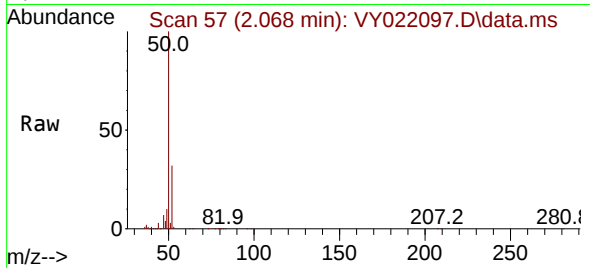




#3
Chloromethane
Concen: 18.683 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

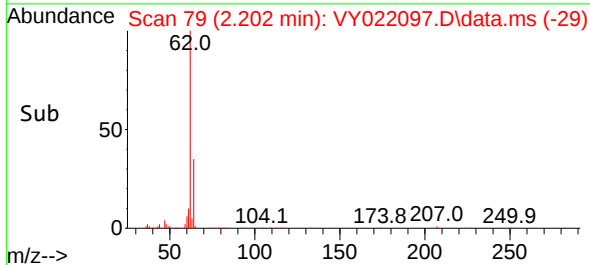
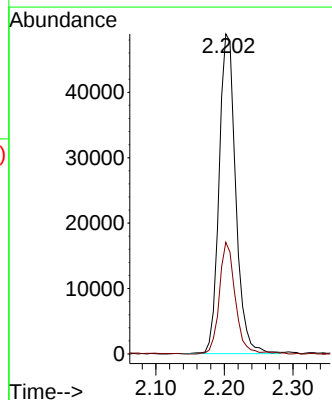
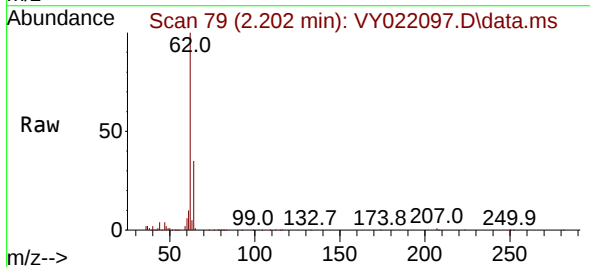
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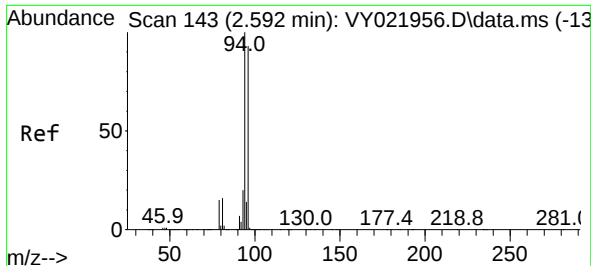
Tgt Ion: 50 Resp: 66754
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1



#4
Vinyl Chloride
Concen: 18.716 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 62 Resp: 82174
Ion Ratio Lower Upper
62 100
64 34.8 25.1 37.7

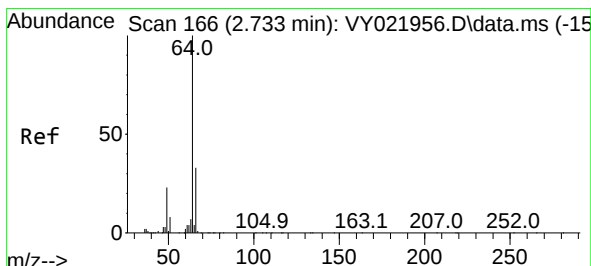
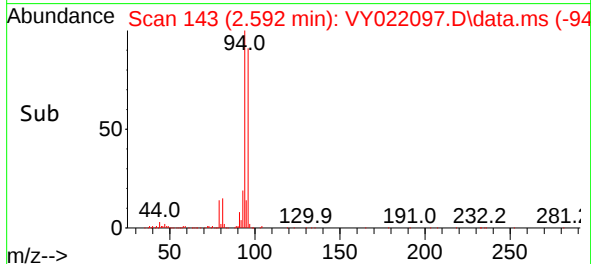
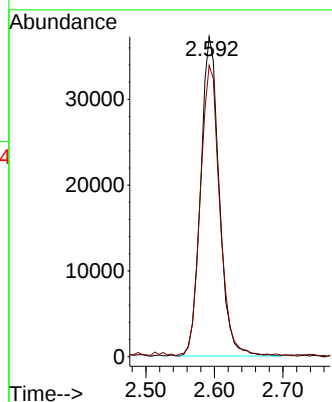
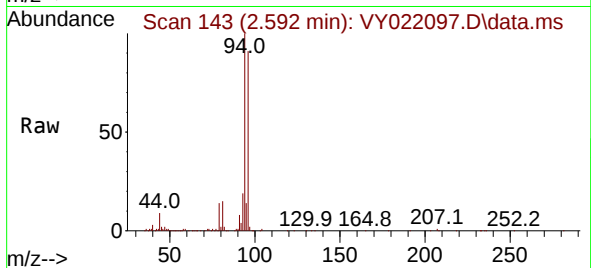




#5
Bromomethane
Concen: 18.604 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

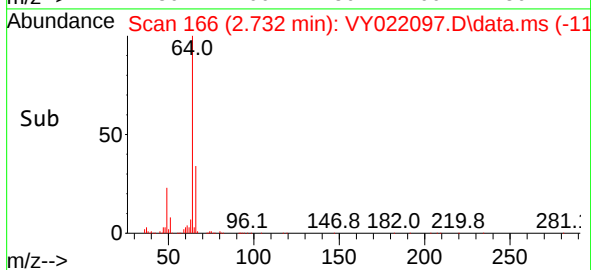
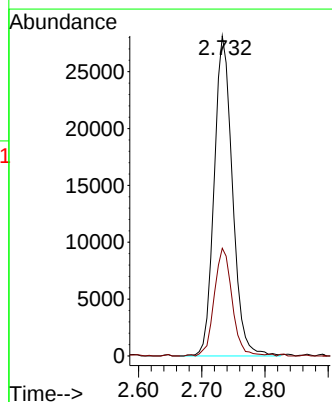
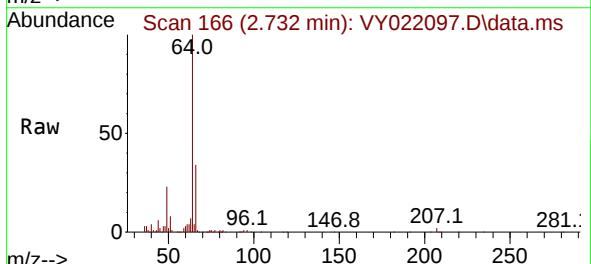
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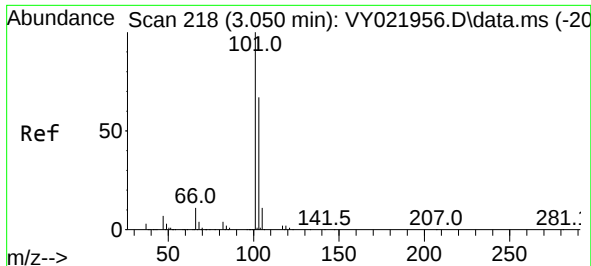
Tgt Ion: 94 Resp: 70373
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8



#6
Chloroethane
Concen: 18.887 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 64 Resp: 56478
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4

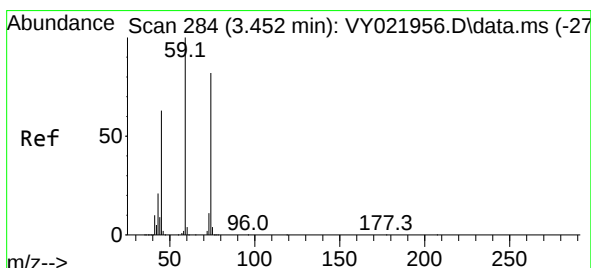
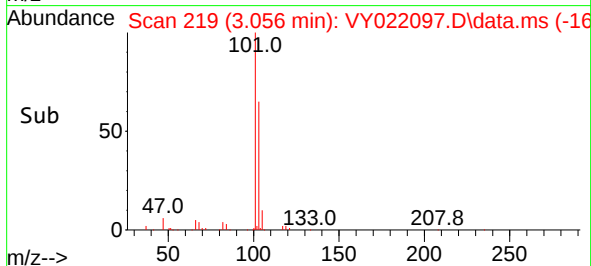
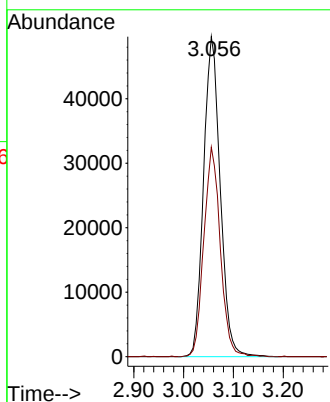
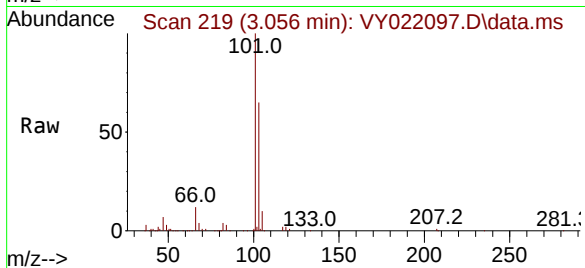




#7
Trichlorofluoromethane
Concen: 19.900 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022097.D
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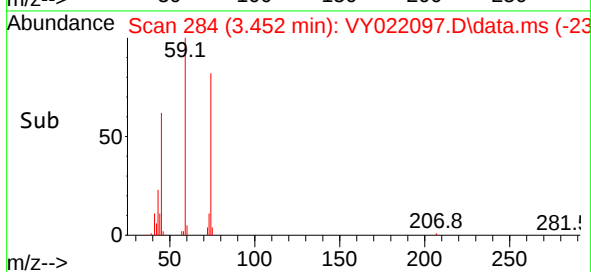
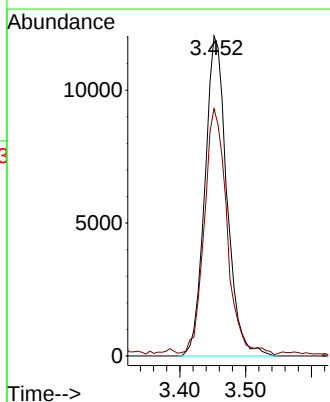
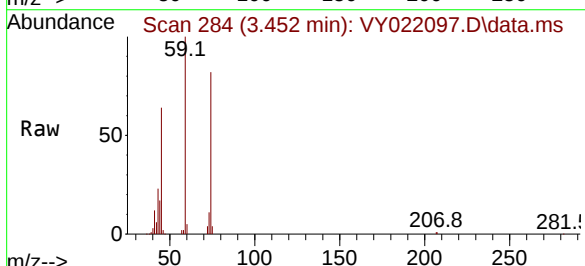
Instrument :
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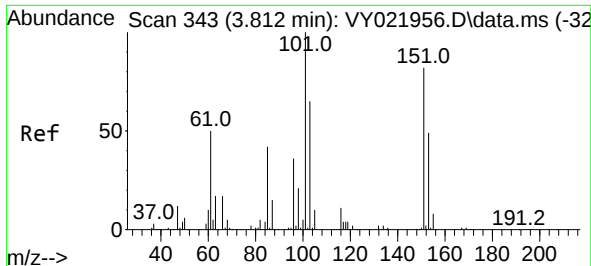
Tgt Ion:101 Resp: 115218
Ion Ratio Lower Upper
101 100
103 65.5 53.6 80.4



#8
Diethyl Ether
Concen: 18.606 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 74 Resp: 28039
Ion Ratio Lower Upper
74 100
45 79.6 39.1 117.5

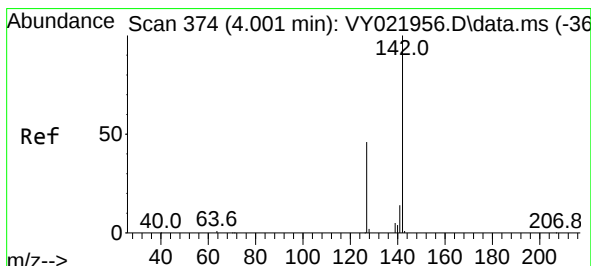
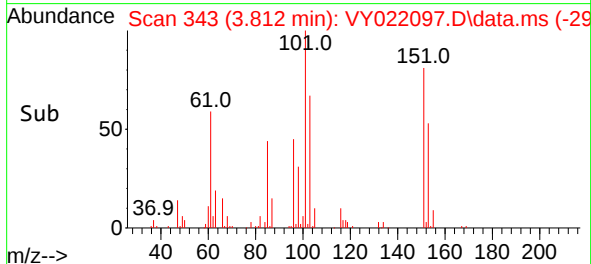
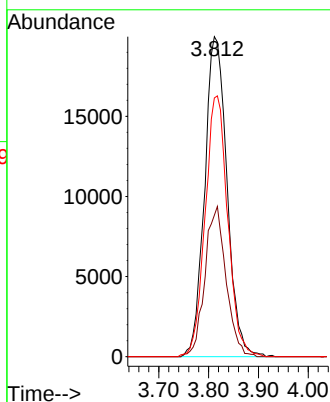
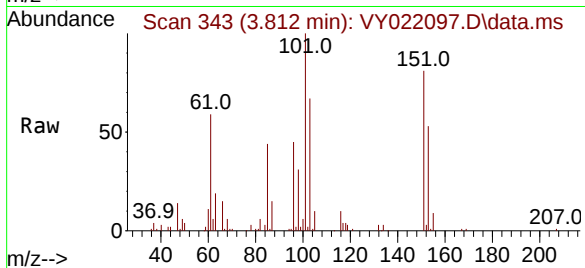




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.838 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
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Acq: 01 May 2025 10:42

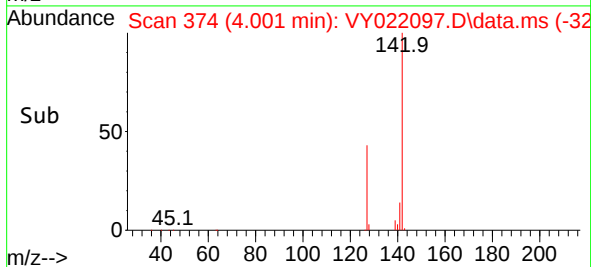
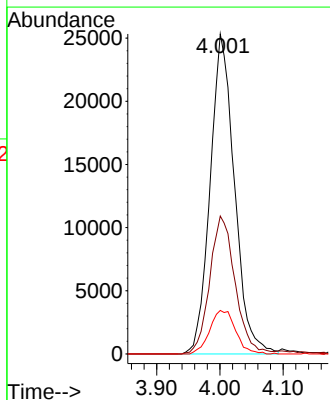
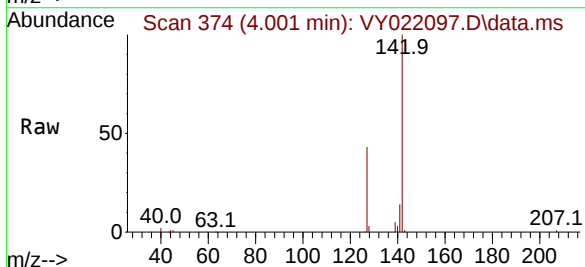
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

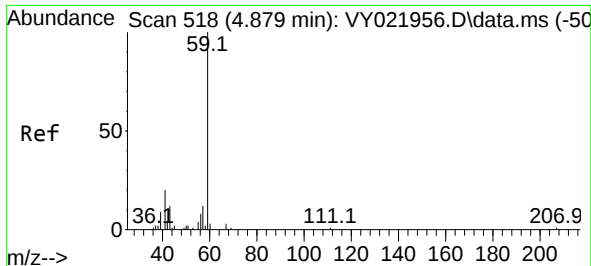
Tgt Ion:101 Resp: 62306
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 82.2 63.7 95.5



#10
Methyl Iodide
Concen: 18.591 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:142 Resp: 67604
Ion Ratio Lower Upper
142 100
127 44.9 36.2 54.2
141 14.5 11.7 17.5

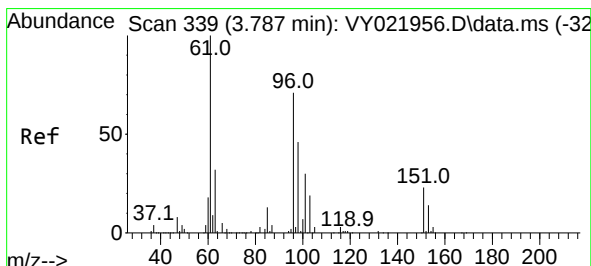
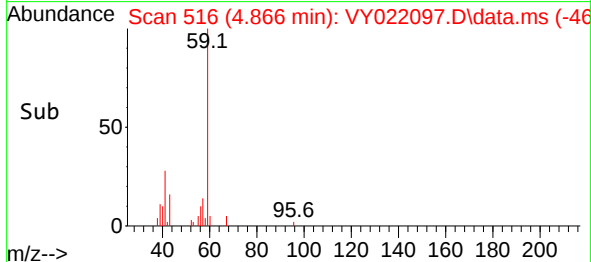
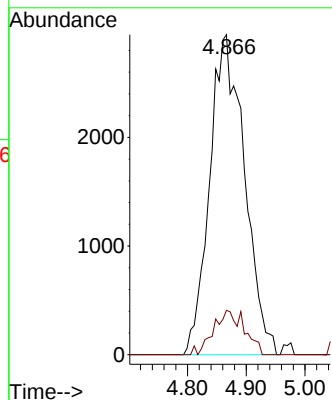
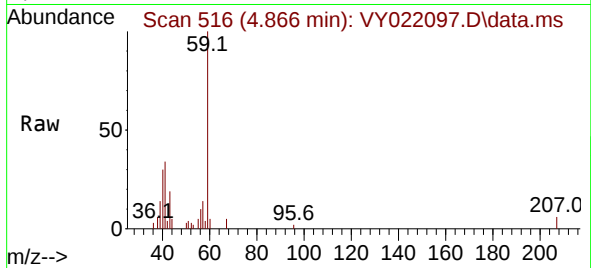




#11
Tert butyl alcohol
Concen: 81.282 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

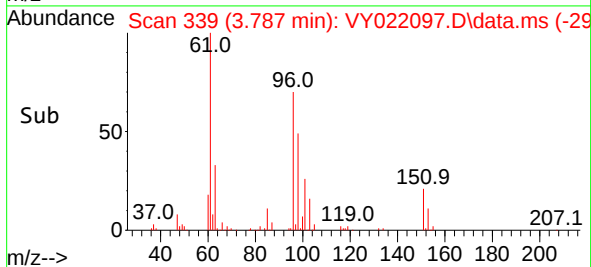
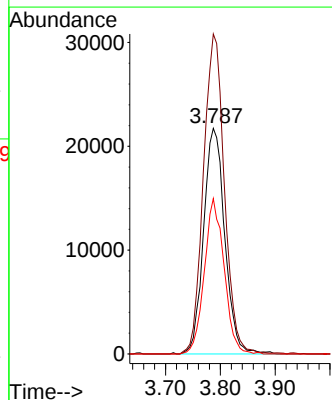
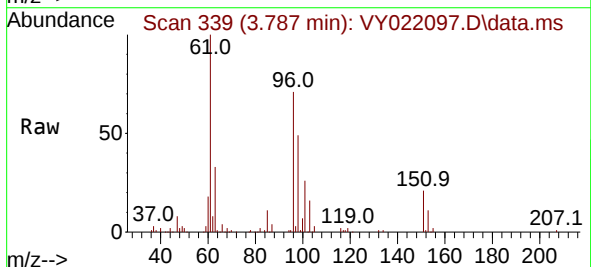
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

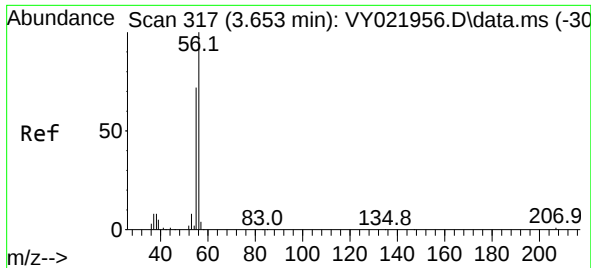
Tgt Ion: 59 Resp: 12138
Ion Ratio Lower Upper
59 100
57 12.3 9.3 13.9



#12
1,1-Dichloroethene
Concen: 19.903 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 96 Resp: 58265
Ion Ratio Lower Upper
96 100
61 141.8 113.0 169.4
98 68.9 51.4 77.2

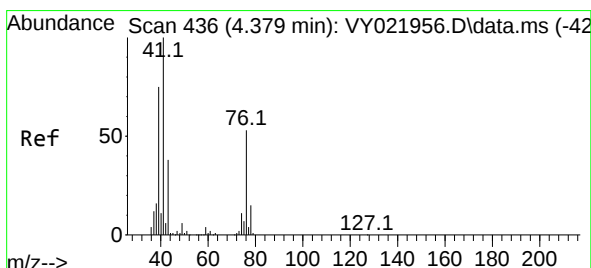
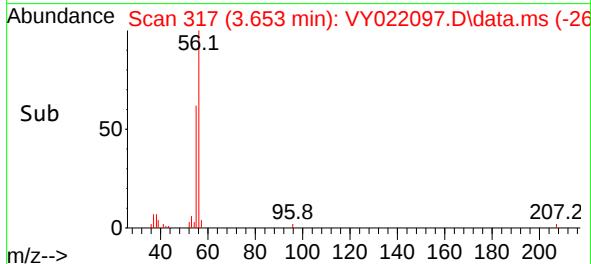
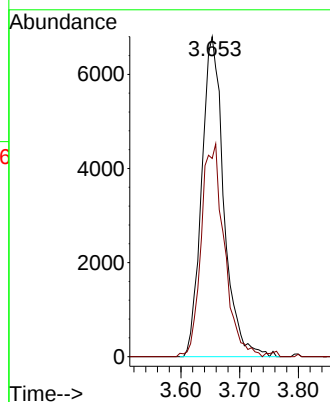
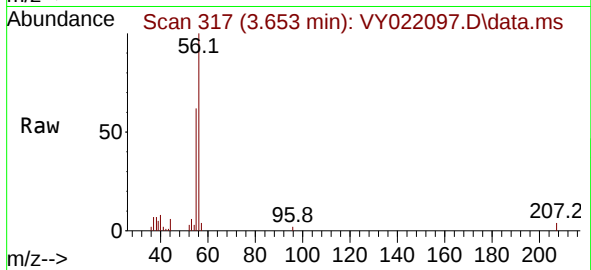




#13
Acrolein
Concen: 66.621 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

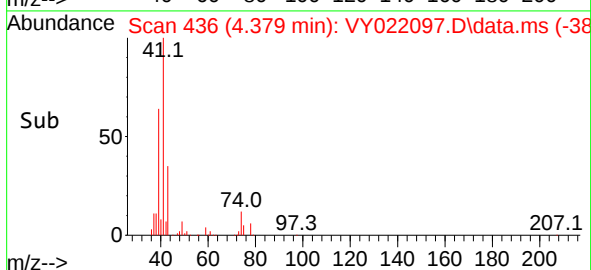
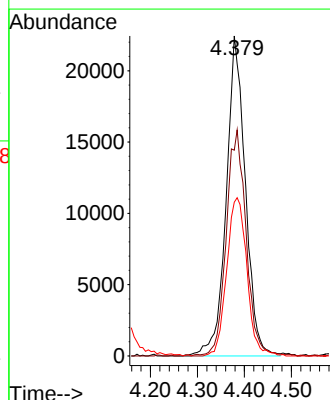
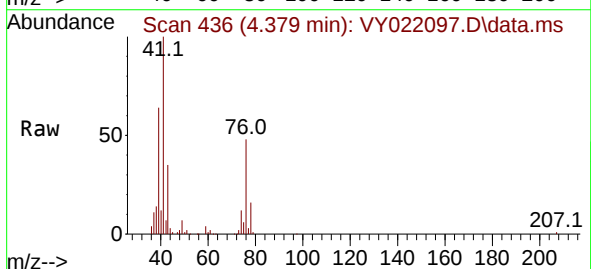
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tgt Ion: 56 Resp: 17856
Ion Ratio Lower Upper
56 100
55 69.2 57.4 86.0



#14
Allyl chloride
Concen: 18.632 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 41 Resp: 63510
Ion Ratio Lower Upper
41 100
39 73.4 57.2 85.8
76 52.2 39.7 59.5

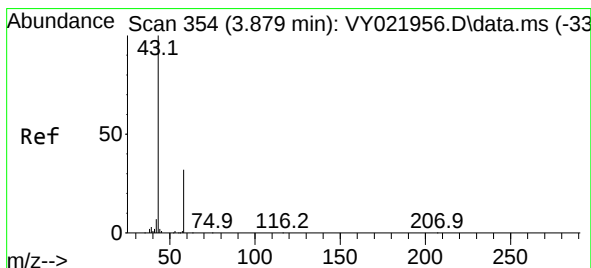
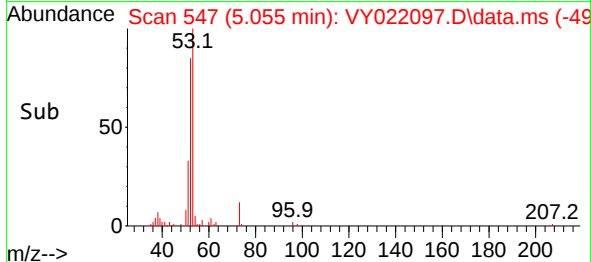
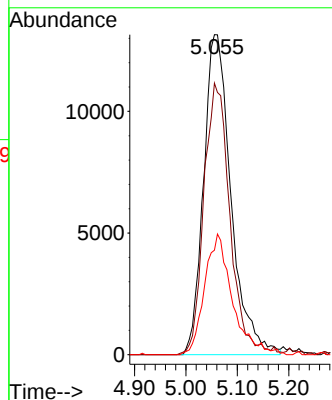
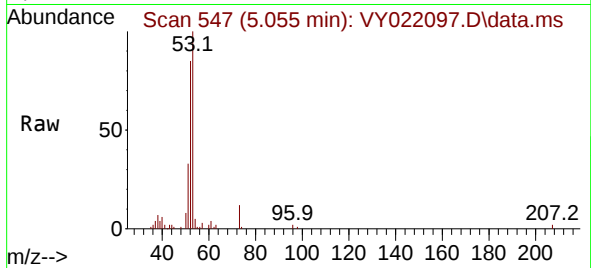




#15
Acrylonitrile
Concen: 88.546 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

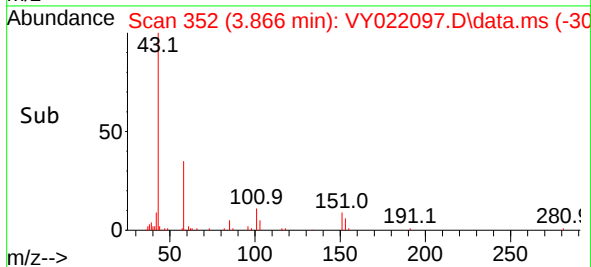
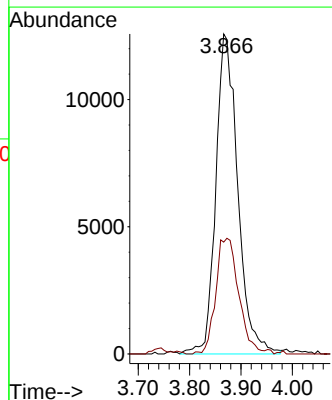
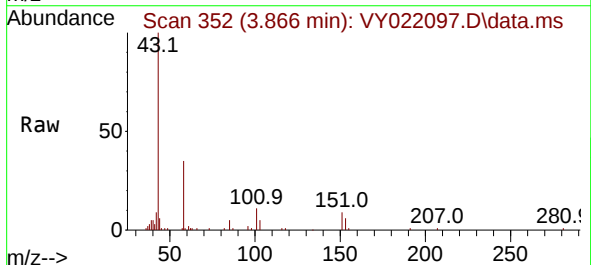
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

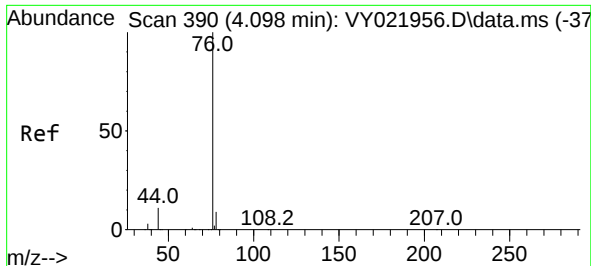
Tgt Ion: 53 Resp: 48849
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 37.9 28.9 43.3



#16
Acetone
Concen: 91.214 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 37306
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4

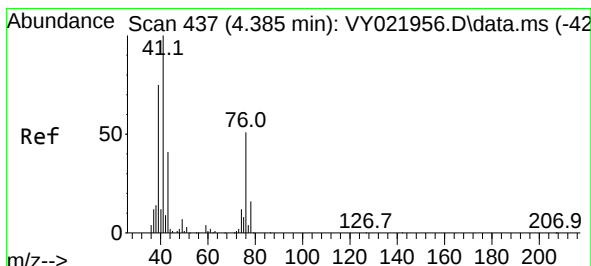
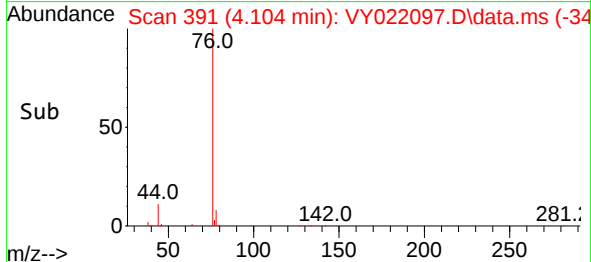
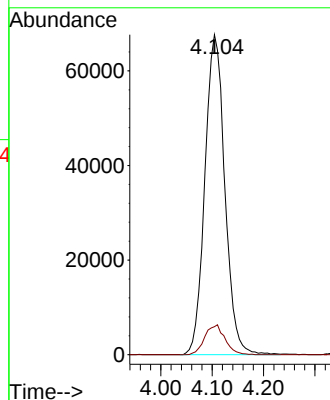
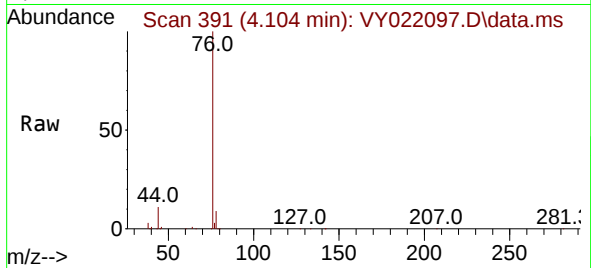




#17
Carbon Disulfide
Concen: 19.547 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

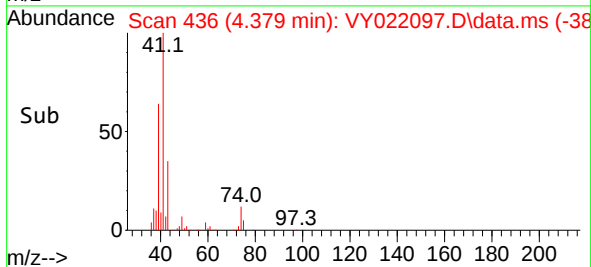
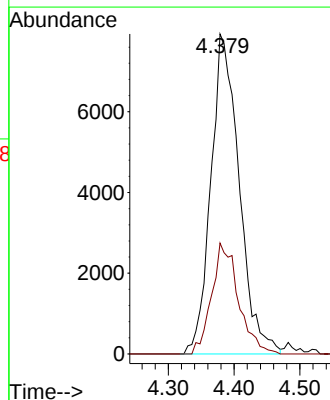
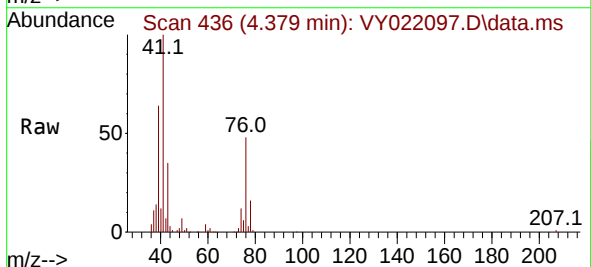
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tgt Ion: 76 Resp: 182459
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 18.681 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 23736
Ion Ratio Lower Upper
43 100
74 32.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 17.978 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

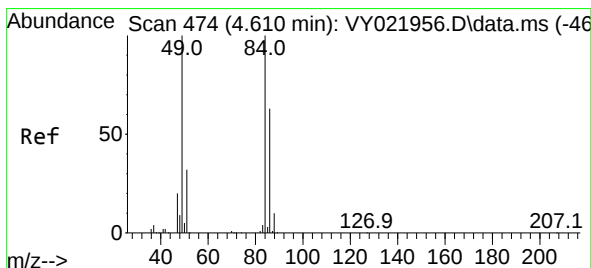
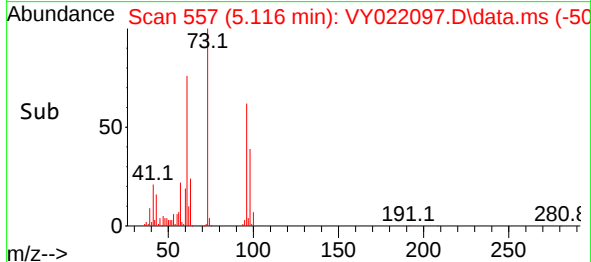
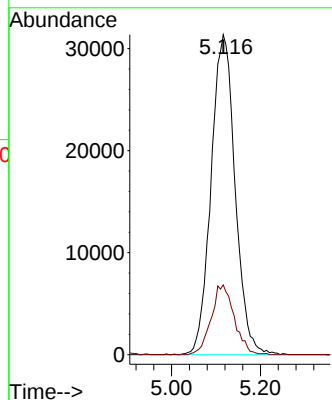
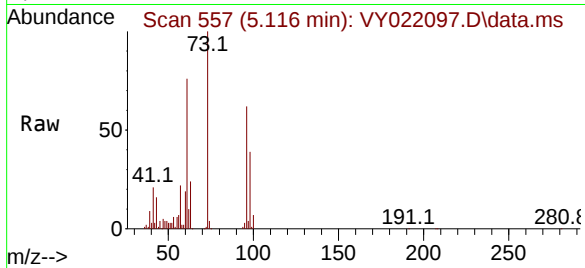
VY0501SBS01

Tgt Ion: 73 Resp: 117798

Ion Ratio Lower Upper

73 100

57 21.8 16.9 25.3



#20

Methylene Chloride

Concen: 19.288 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Tgt Ion: 84 Resp: 66341

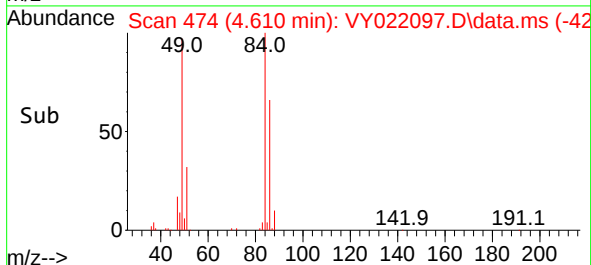
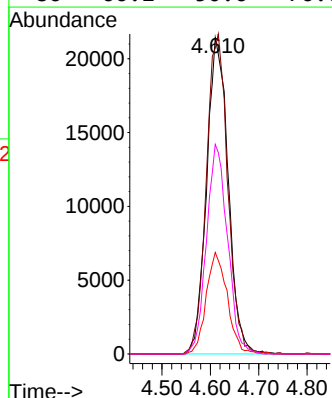
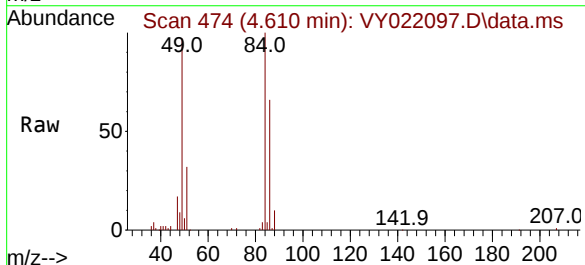
Ion Ratio Lower Upper

84 100

49 96.6 79.9 119.9

51 32.1 25.4 38.0

86 66.2 50.6 76.0

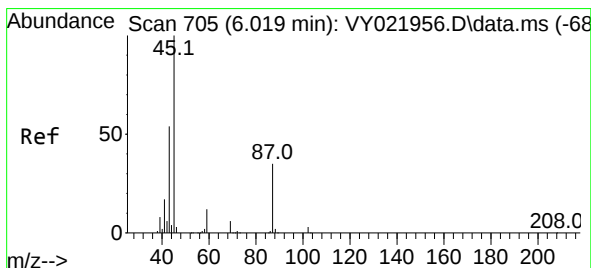
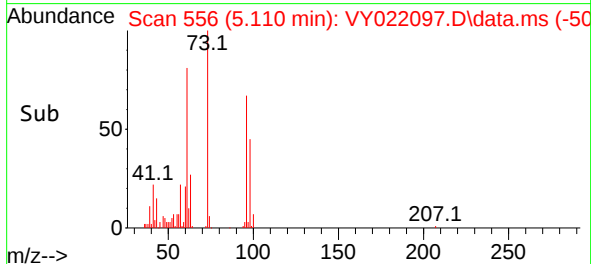
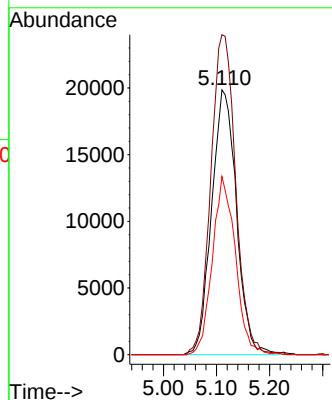
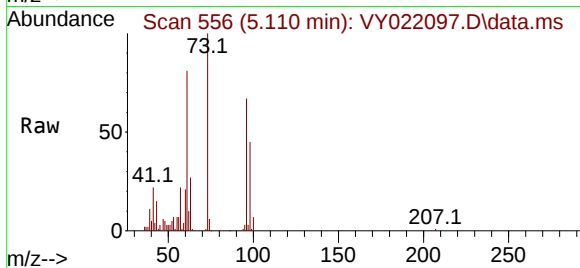




#21
trans-1,2-Dichloroethene
Concen: 19.674 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

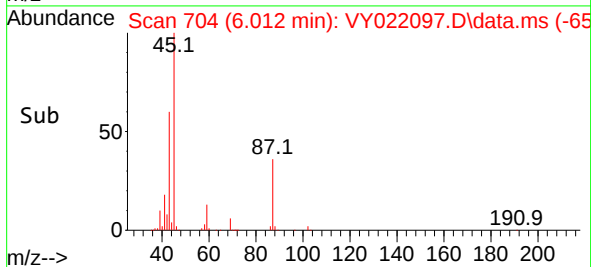
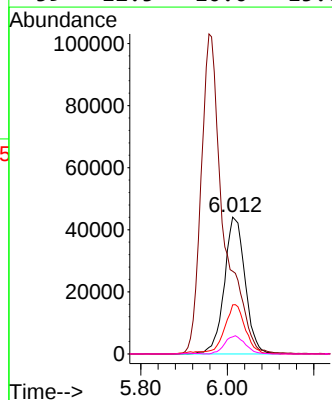
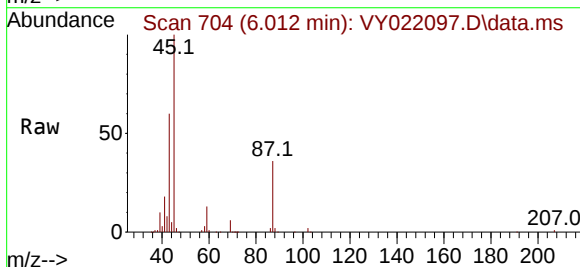
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

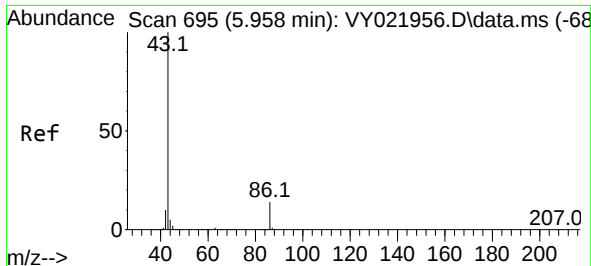
Tgt Ion: 96 Resp: 64503
Ion Ratio Lower Upper
96 100
61 120.8 92.6 138.8
98 67.3 50.2 75.4



#22
Diisopropyl ether
Concen: 19.413 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 45 Resp: 147267
Ion Ratio Lower Upper
45 100
43 60.1 43.6 65.4
87 35.8 28.2 42.4
59 12.5 10.0 15.0

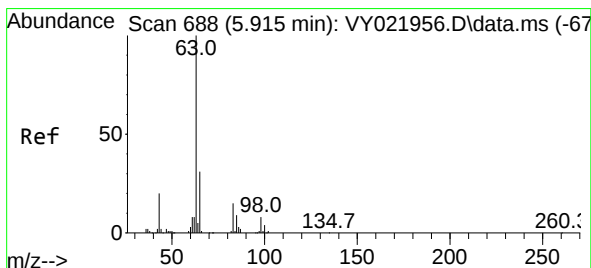
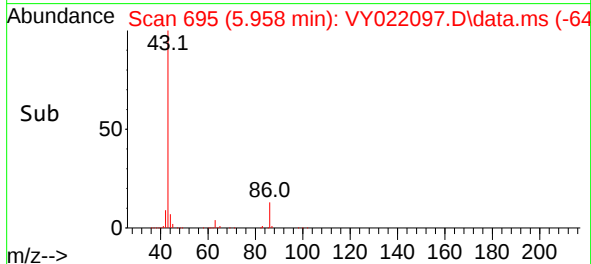
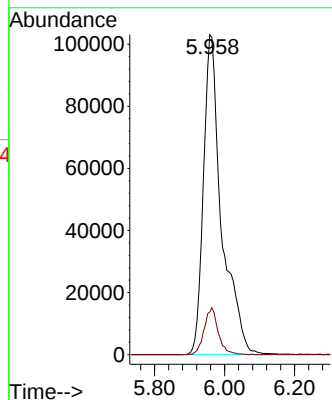
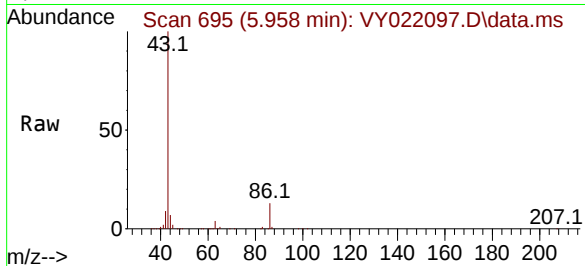




#23
 Vinyl Acetate
 Concen: 91.000 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

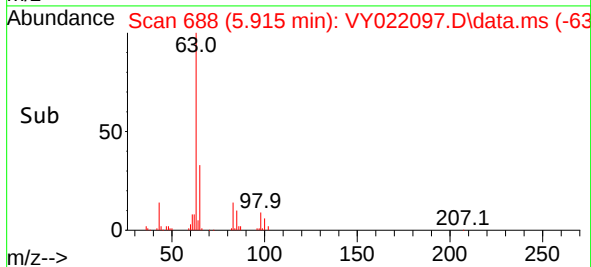
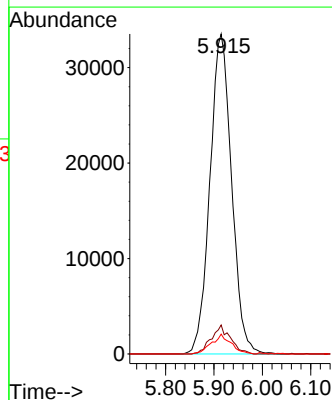
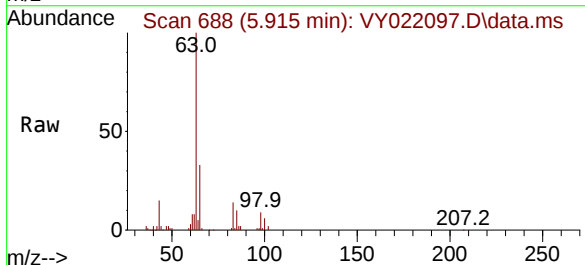
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

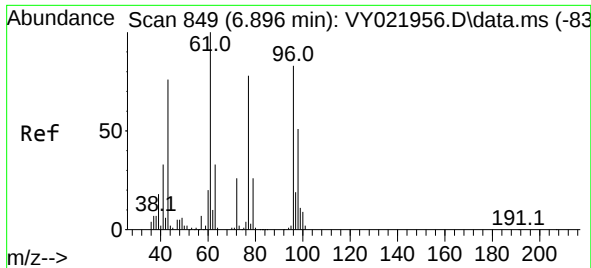
Tgt Ion: 43 Resp: 372032
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.831 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

Tgt Ion: 63 Resp: 104275
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 11.9
 100 6.2 2.0 6.0#

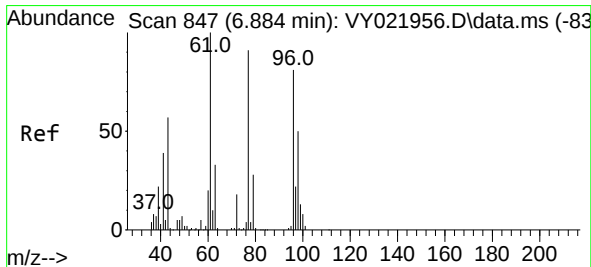
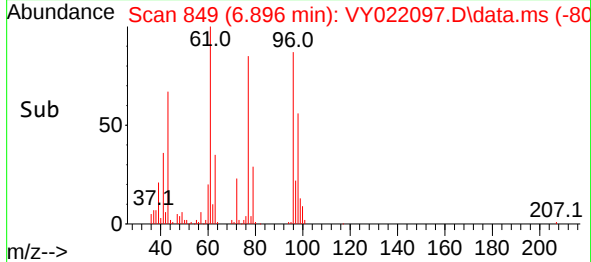
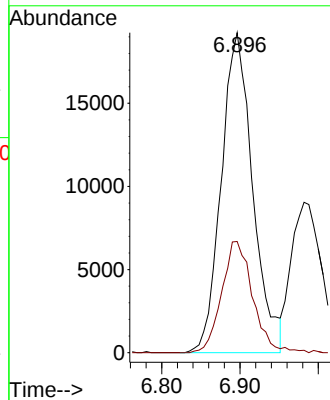
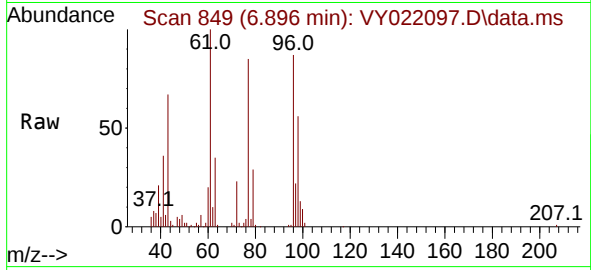




#25
2-Butanone
Concen: 86.739 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

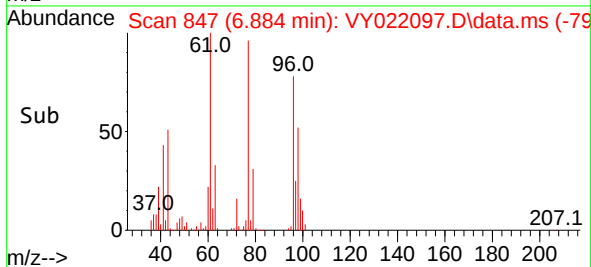
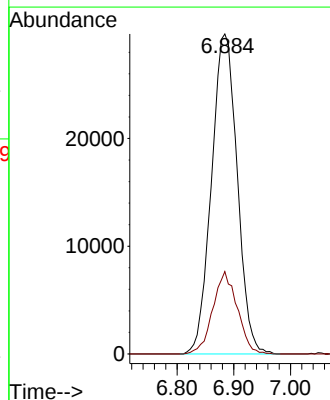
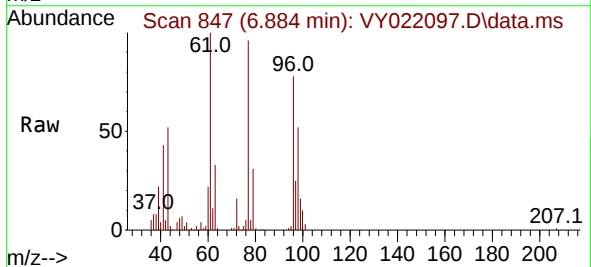
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

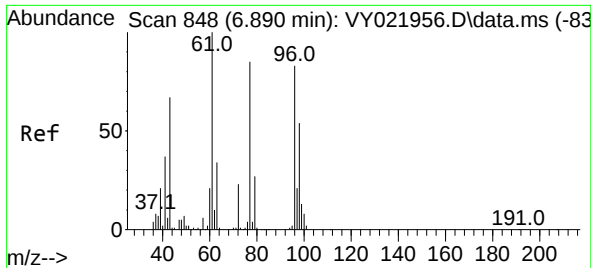
Tgt Ion: 43 Resp: 53781
Ion Ratio Lower Upper
43 100
72 34.7 27.0 40.4



#26
2,2-Dichloropropane
Concen: 20.333 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 77 Resp: 93707
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.837 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

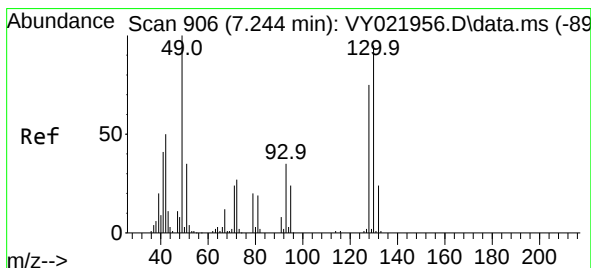
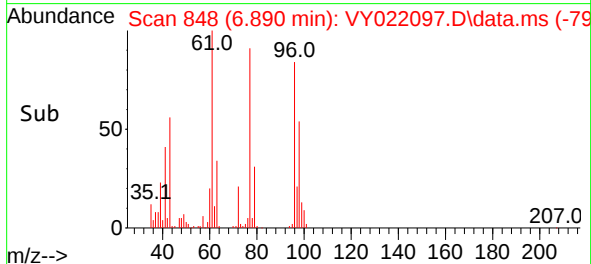
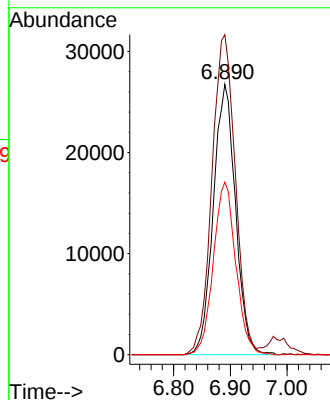
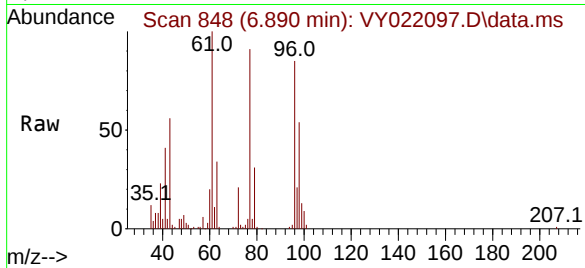
Tgt Ion: 96 Resp: 72723

Ion Ratio Lower Upper

96 100

61 124.9 0.0 251.4

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 18.940 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

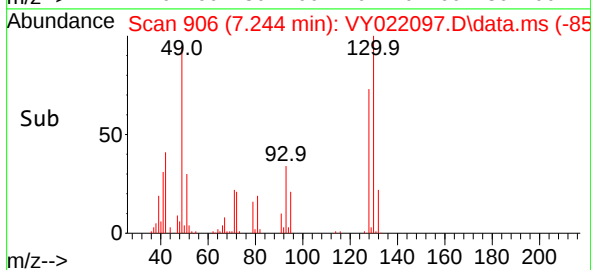
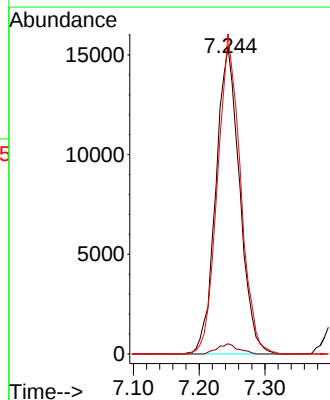
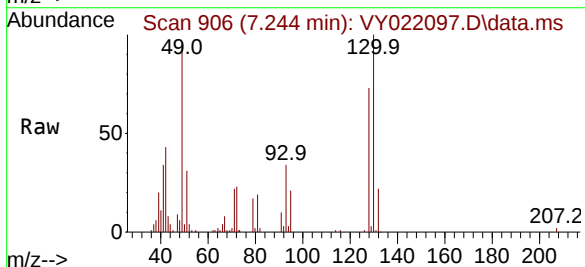
Tgt Ion: 49 Resp: 38682

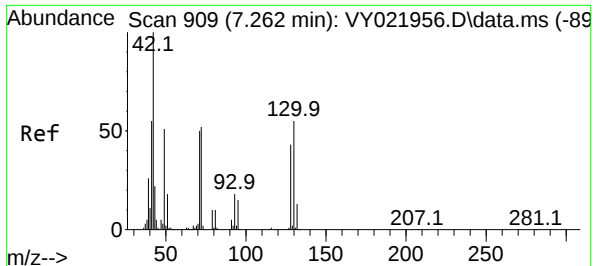
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.0

130 100.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 86.590 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

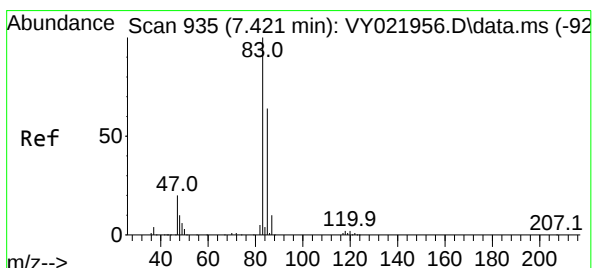
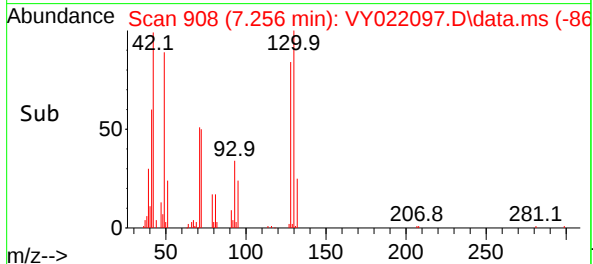
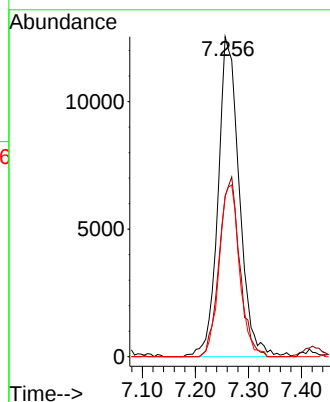
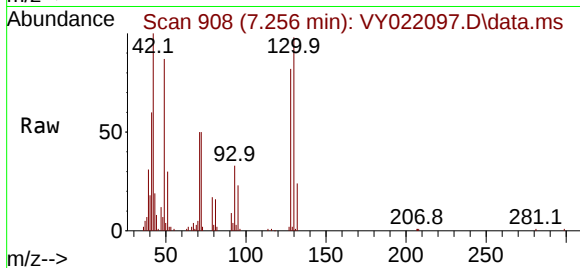
Tgt Ion: 42 Resp: 34870

Ion Ratio Lower Upper

42 100

72 53.9 42.6 63.8

71 51.4 40.6 61.0



#30

Chloroform

Concen: 20.249 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022097.D

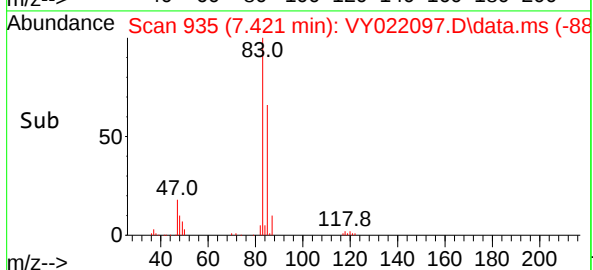
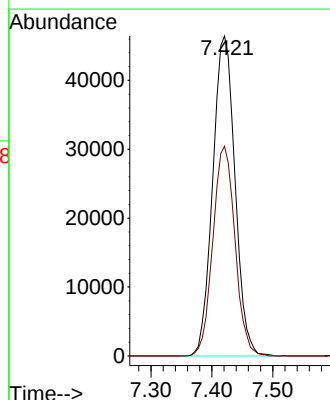
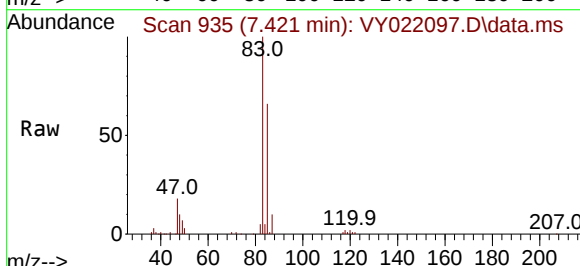
Acq: 01 May 2025 10:42

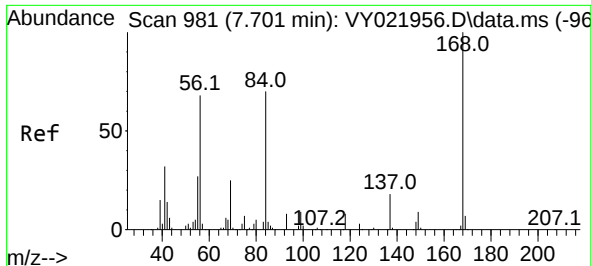
Tgt Ion: 83 Resp: 118101

Ion Ratio Lower Upper

83 100

85 65.5 51.3 76.9

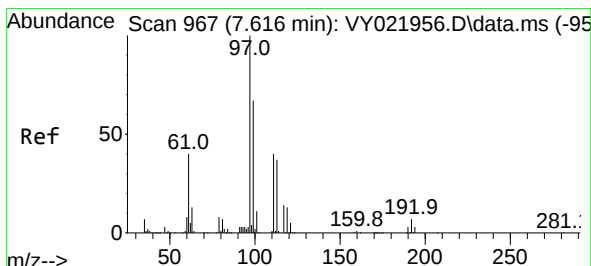
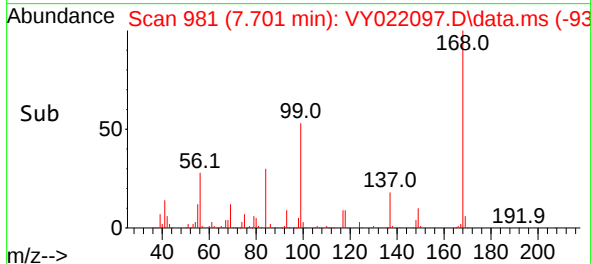
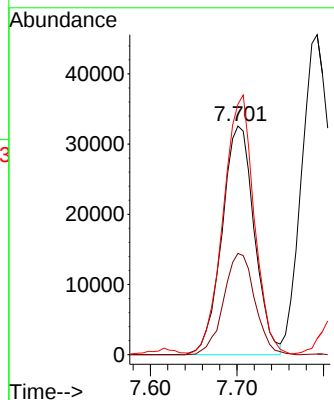
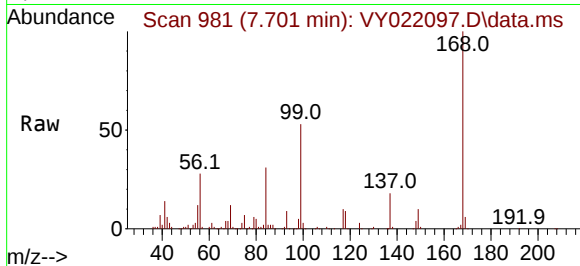




#31
Cyclohexane
Concen: 18.817 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

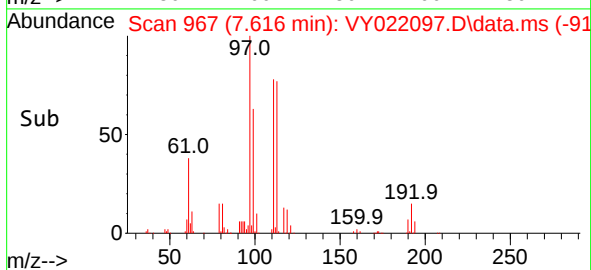
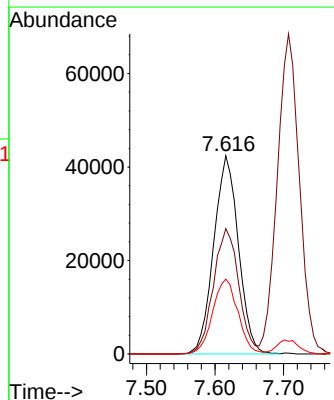
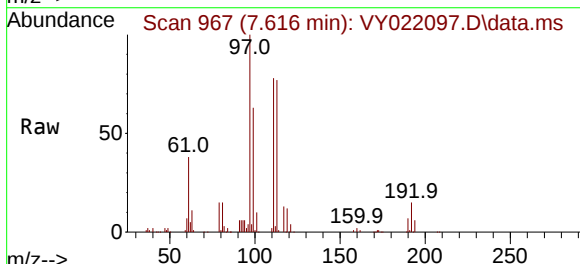
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

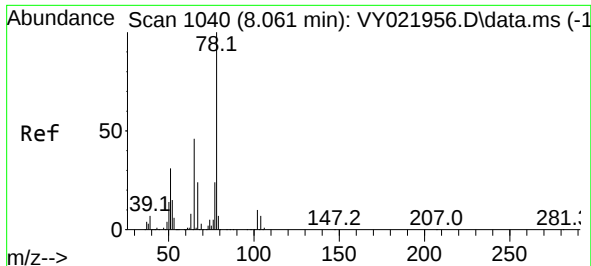
Tgt Ion: 56 Resp: 84609
Ion Ratio Lower Upper
56 100
69 44.3 29.4 44.2#
84 108.7 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.103 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 97 Resp: 106076
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 38.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.479 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

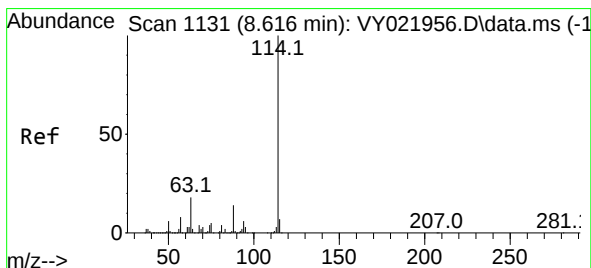
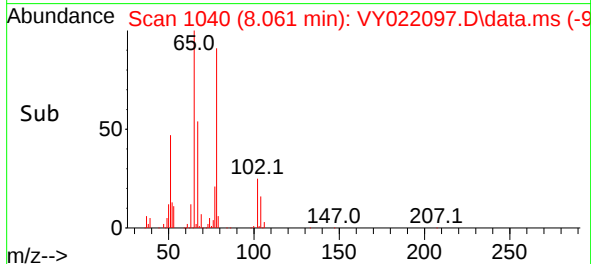
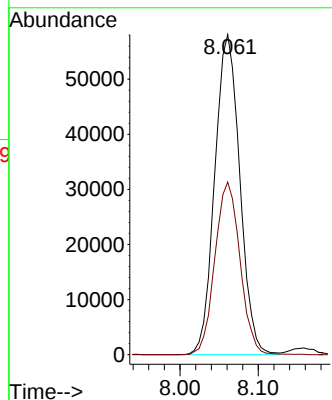
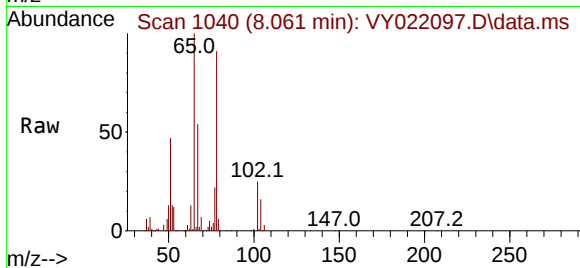
VY0501SBS01

Tgt Ion: 65 Resp: 129149

Ion Ratio Lower Upper

65 100

67 54.1 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: VY022097.D

Acq: 01 May 2025 10:42

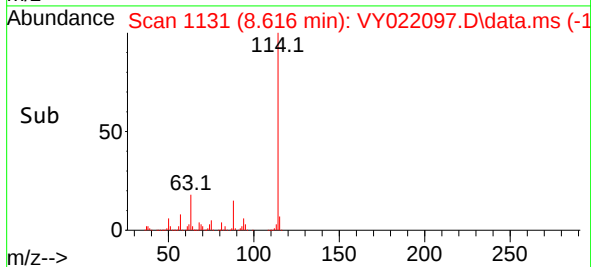
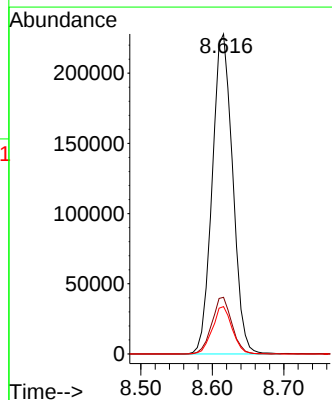
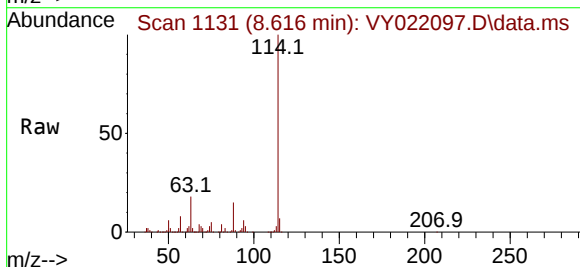
Tgt Ion: 114 Resp: 452802

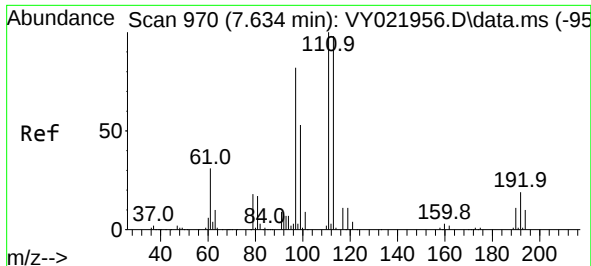
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

88 14.8 0.0 28.2

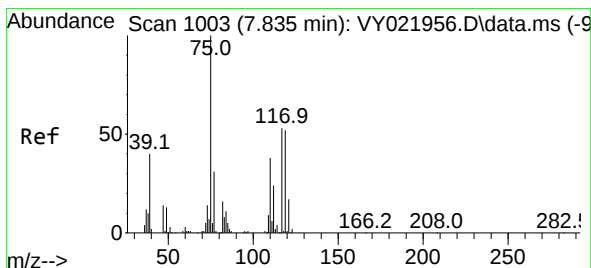
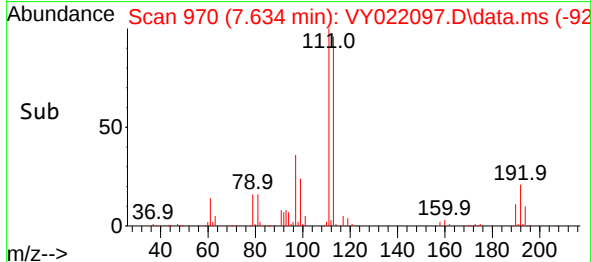
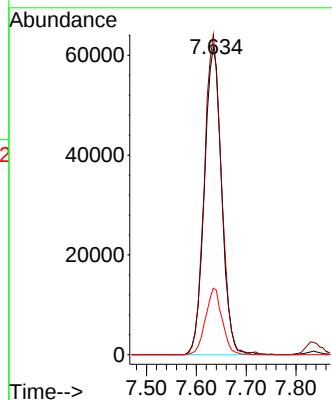
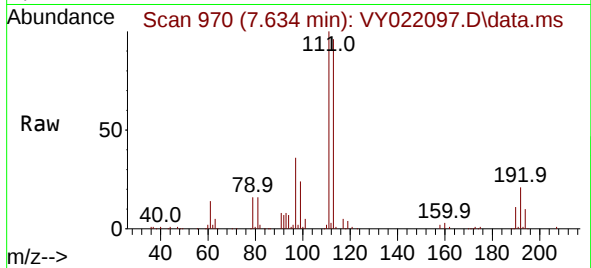




#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

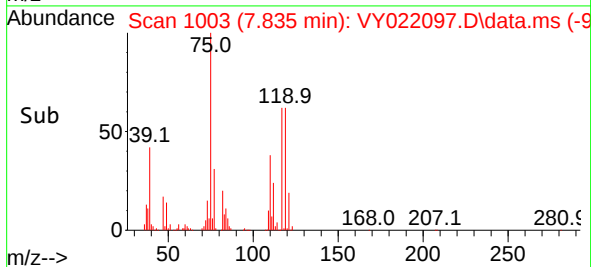
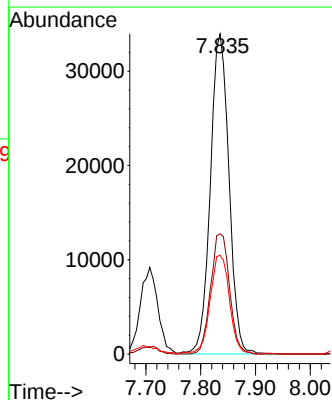
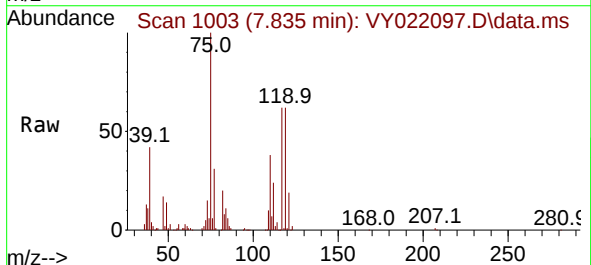
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

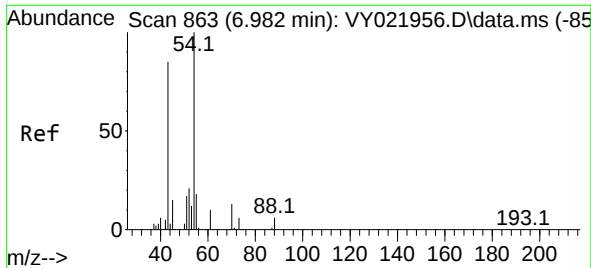
Tgt Ion:113 Resp: 148223
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.894 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 79939
Ion Ratio Lower Upper
75 100
110 38.1 19.1 57.3
77 32.1 25.5 38.3

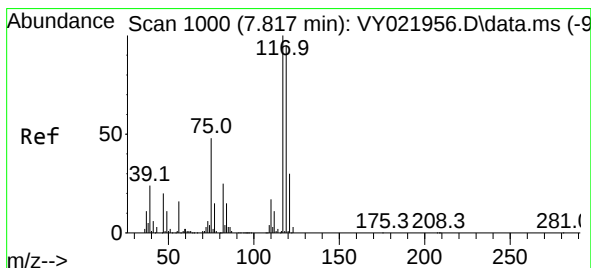
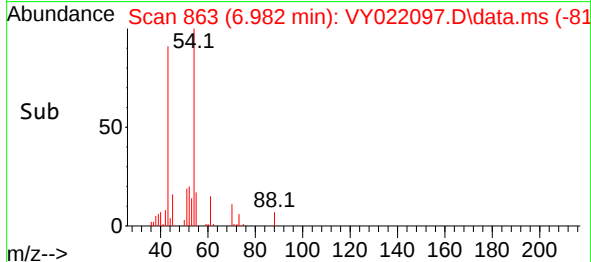
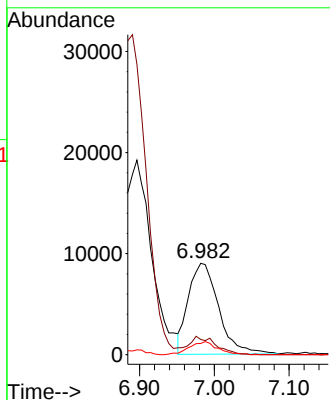
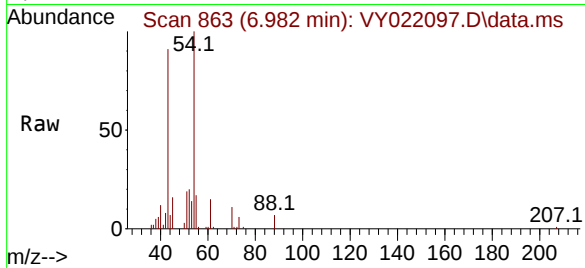




#37
Ethyl Acetate
Concen: 17.556 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

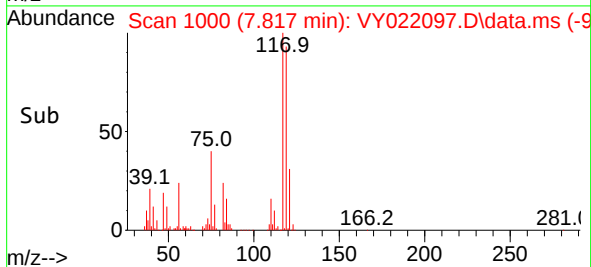
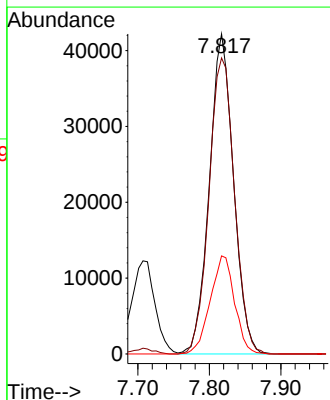
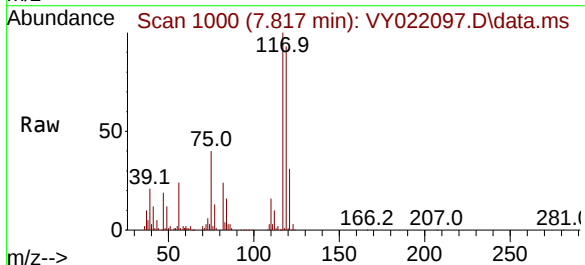
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

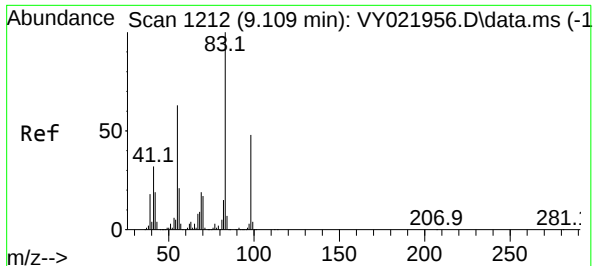
Tgt Ion: 43 Resp: 25337
Ion Ratio Lower Upper
43 100
61 18.1 13.8 20.6
70 13.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.639 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 117 Resp: 99102
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.4
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 18.956 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

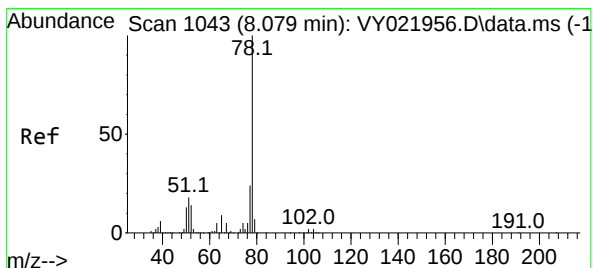
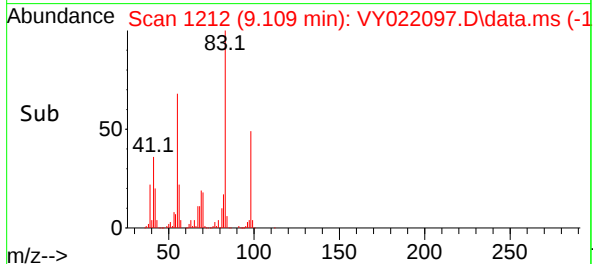
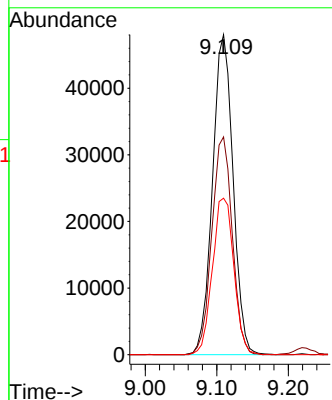
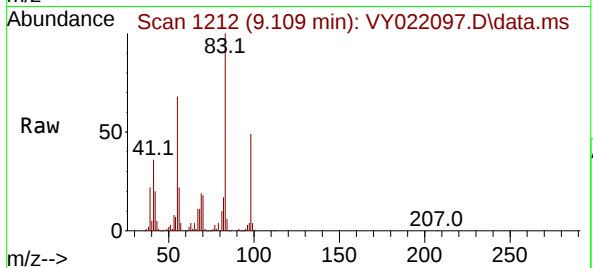
Tgt Ion: 83 Resp: 95859

Ion Ratio Lower Upper

83 100

55 68.1 50.6 75.8

98 48.9 38.6 58.0



#40

Benzene

Concen: 20.248 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022097.D

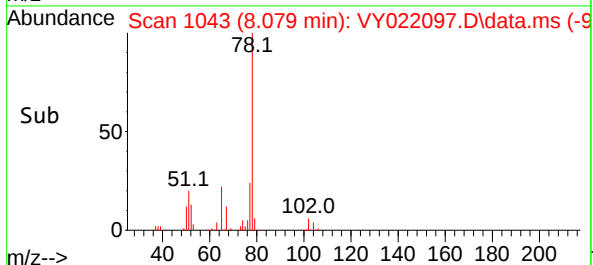
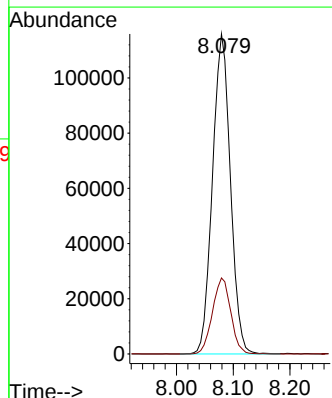
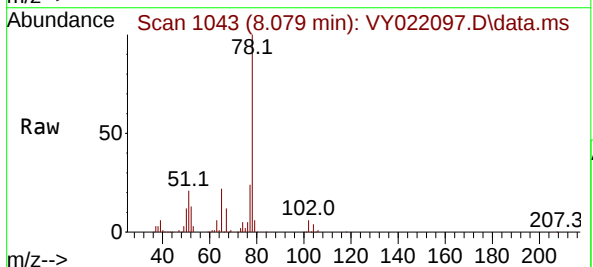
Acq: 01 May 2025 10:42

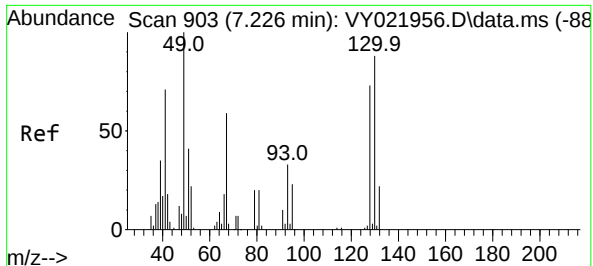
Tgt Ion: 78 Resp: 254338

Ion Ratio Lower Upper

78 100

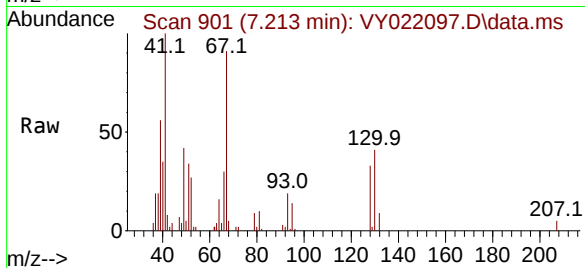
77 23.7 19.3 28.9



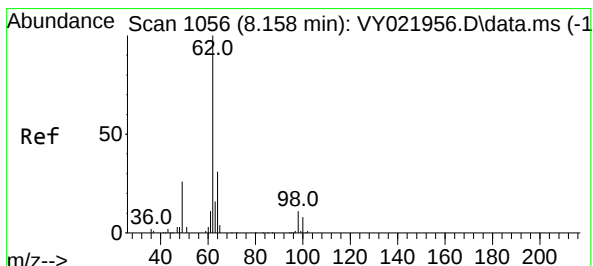
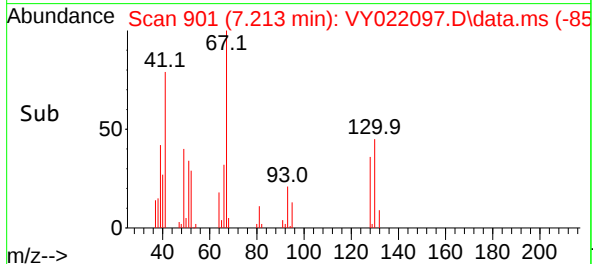
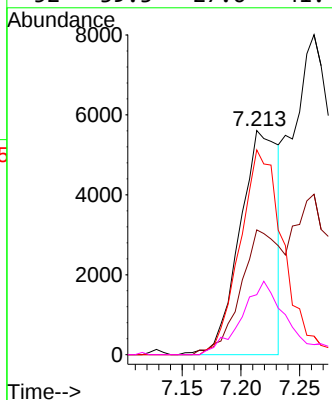


#41
Methacrylonitrile
Concen: 16.090 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

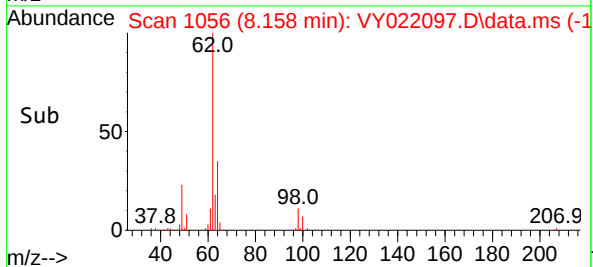
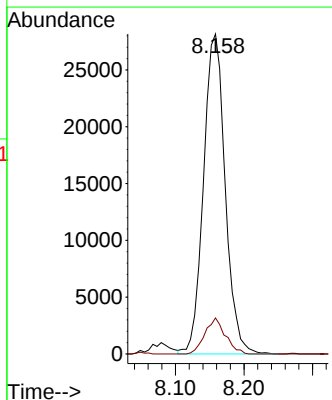
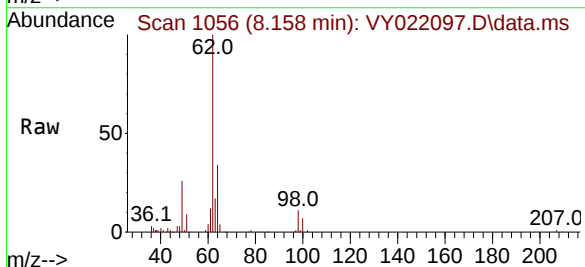


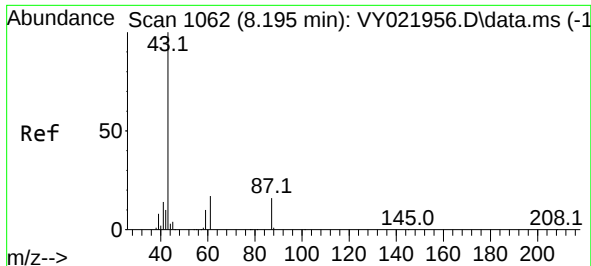
Tgt Ion:	41	Resp:	12694
Ion	Ratio	Lower	Upper
41	100		
39	61.2	36.6	55.0
67	104.3	72.2	108.4
52	39.3	27.6	41.4



#42
1,2-Dichloroethane
Concen: 19.920 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:	62	Resp:	61949
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

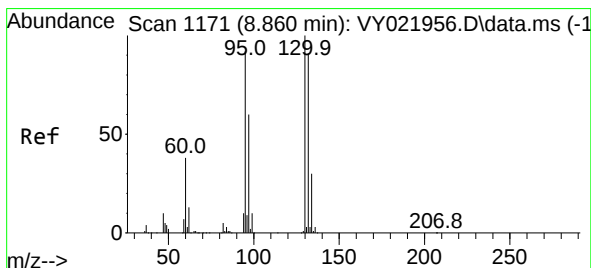
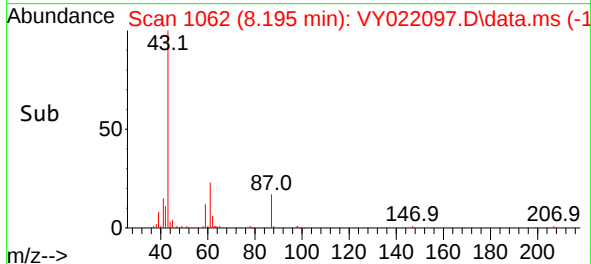
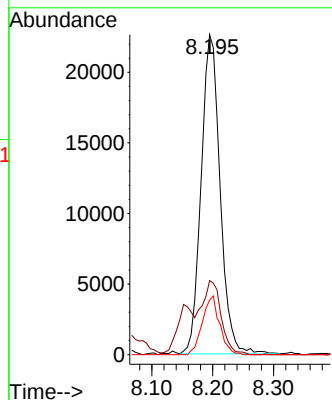
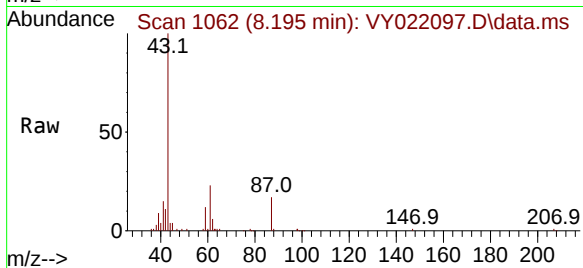




#43
Isopropyl Acetate
Concen: 17.639 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

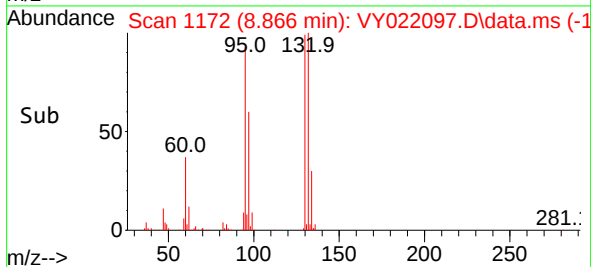
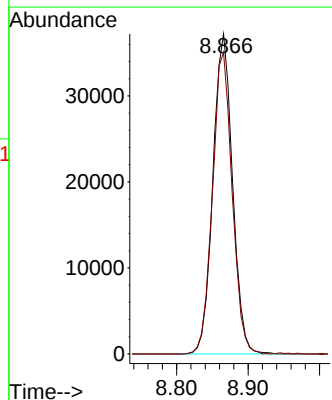
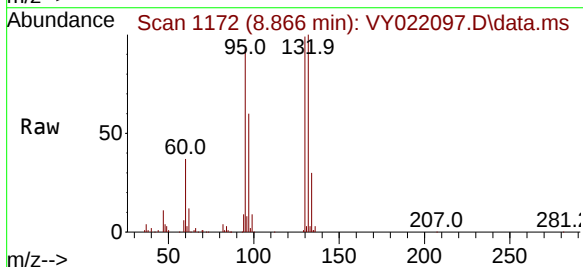
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tgt Ion: 43 Resp: 48886
Ion Ratio Lower Upper
43 100
61 24.1 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 20.319 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:130 Resp: 70695
Ion Ratio Lower Upper
130 100
95 94.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.131 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

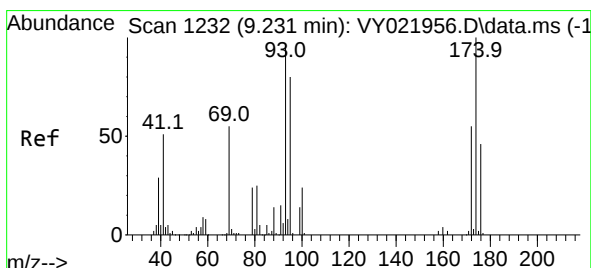
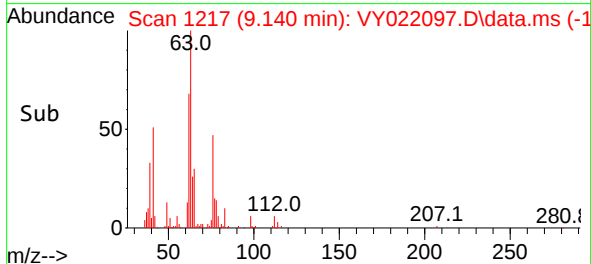
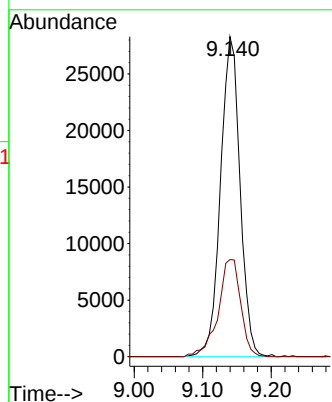
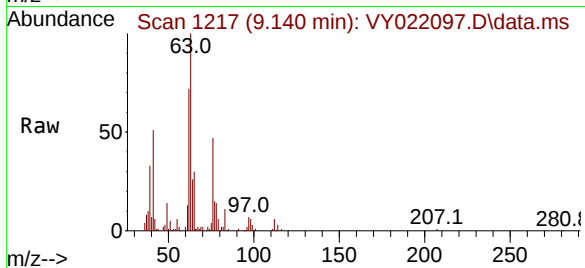
VY0501SBS01

Tgt Ion: 63 Resp: 55919

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



#46

Dibromomethane

Concen: 19.612 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

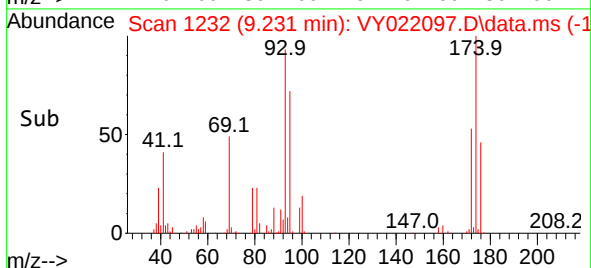
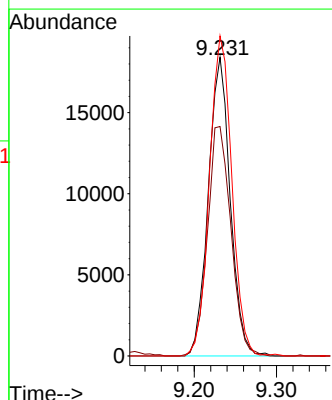
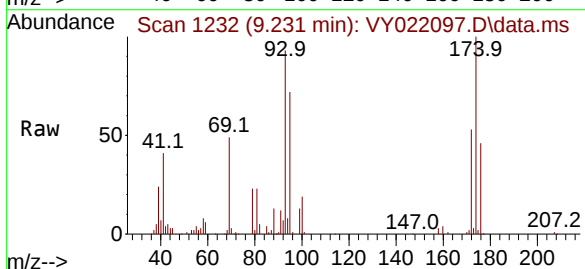
Tgt Ion: 93 Resp: 34103

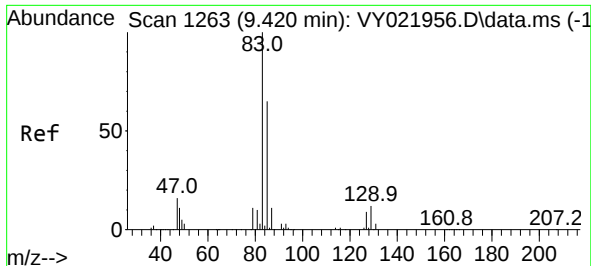
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 109.5 84.6 127.0

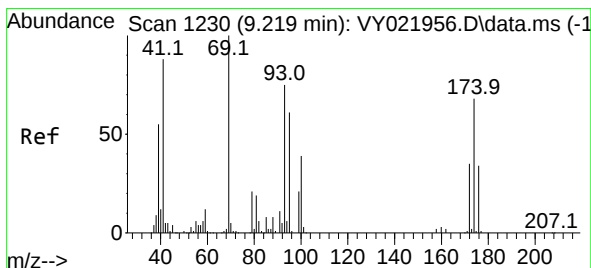
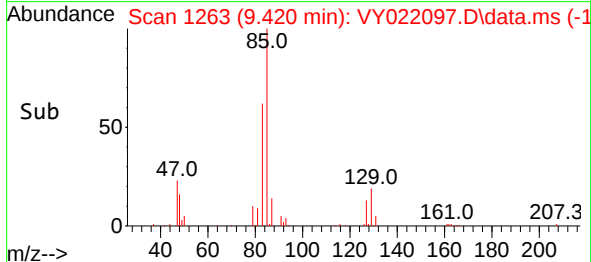
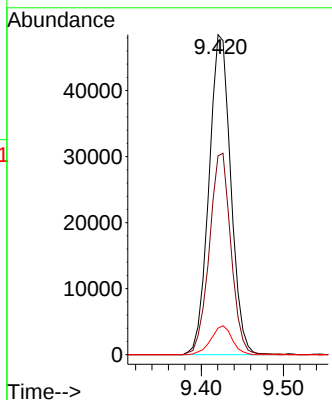
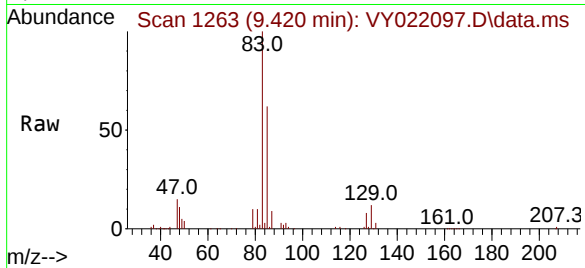




#47
Bromodichloromethane
Concen: 20.570 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

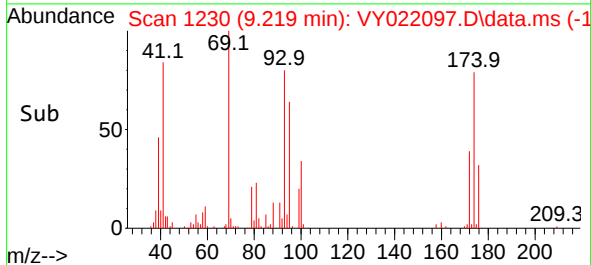
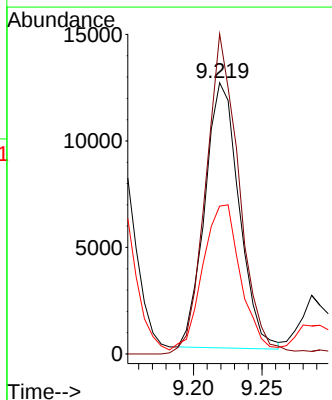
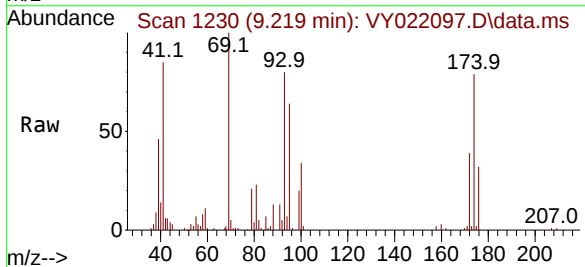
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

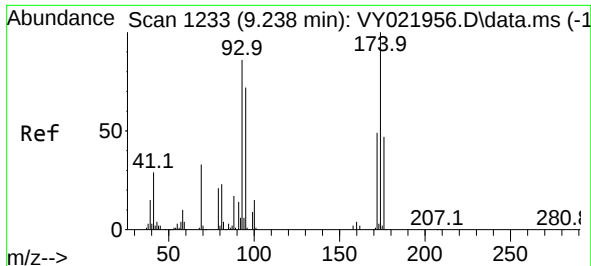
Tgt Ion:	83	Resp:	89355
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	8.3	7.0	10.6



#48
Methyl methacrylate
Concen: 16.948 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:	41	Resp:	21714
Ion	Ratio	Lower	Upper
41	100		
69	117.0	85.5	128.3
39	59.7	46.2	69.4





#49

1,4-Dioxane

Concen: 372.078 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

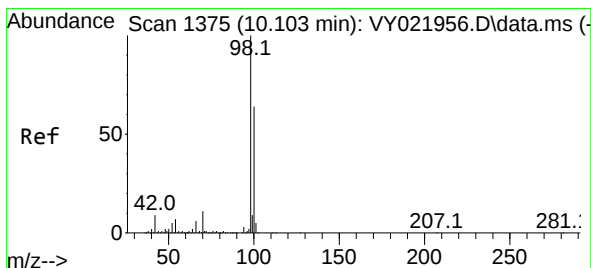
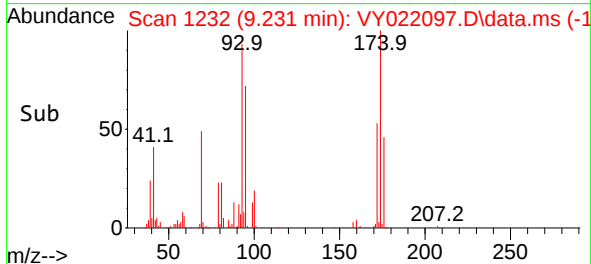
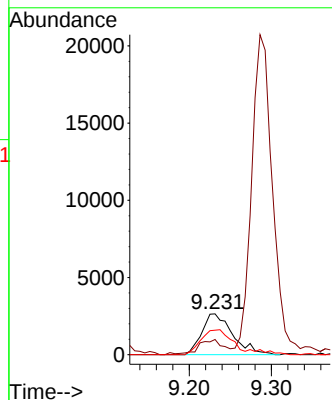
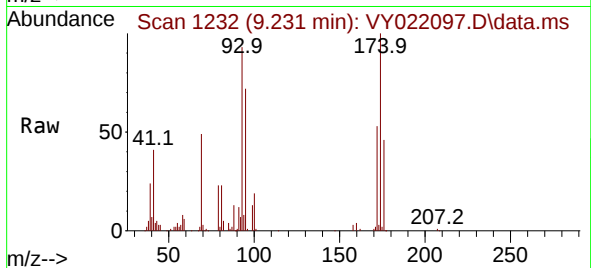
Tgt Ion: 88 Resp: 6896

Ion Ratio Lower Upper

88 100

43 30.2 21.3 31.9

58 59.6 50.5 75.7



#50

Toluene-d8

Concen: 50.076 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022097.D

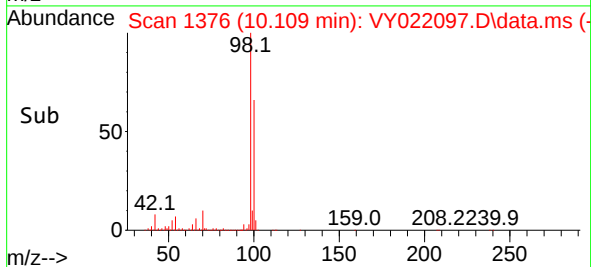
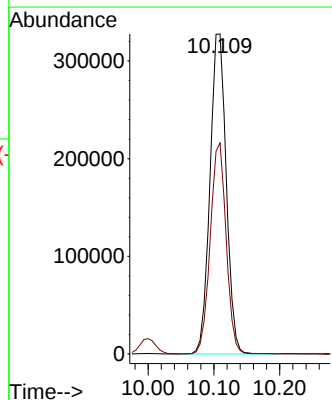
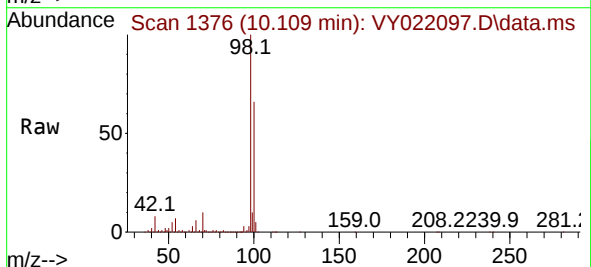
Acq: 01 May 2025 10:42

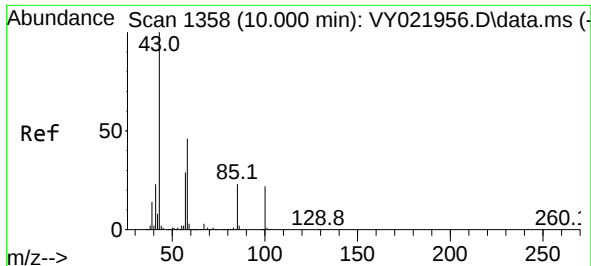
Tgt Ion: 98 Resp: 564747

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

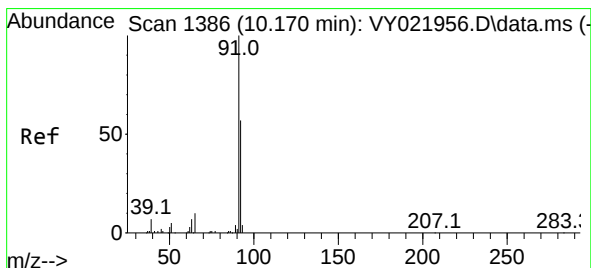
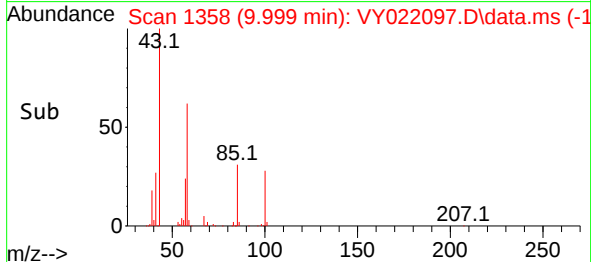
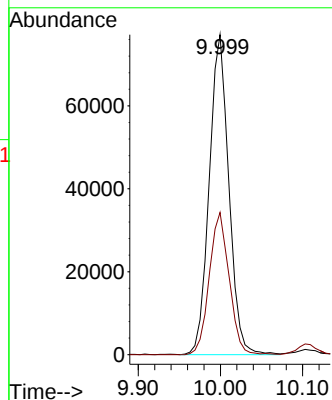
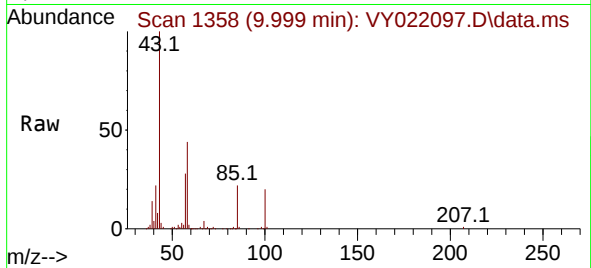




#51
4-Methyl-2-Pentanone
Concen: 88.084 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

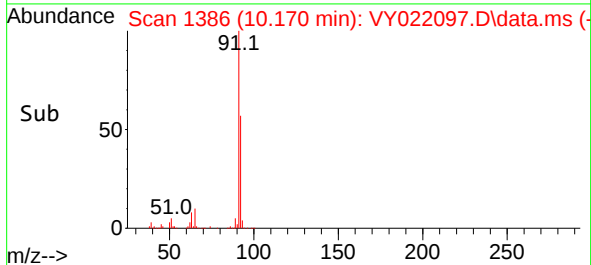
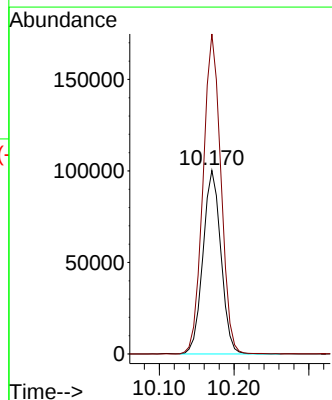
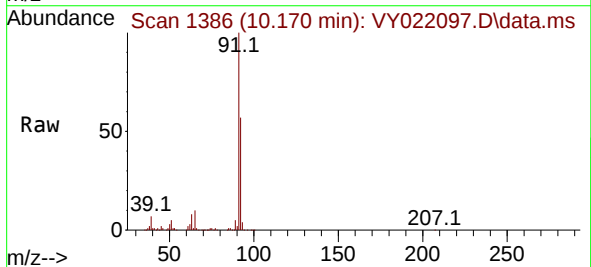
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

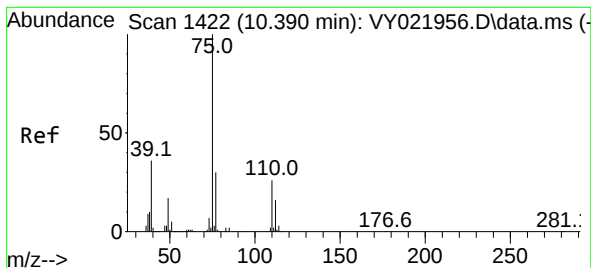
Tgt Ion: 43 Resp: 127974
Ion Ratio Lower Upper
43 100
58 45.0 36.6 55.0



#52
Toluene
Concen: 20.562 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 92 Resp: 167187
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8

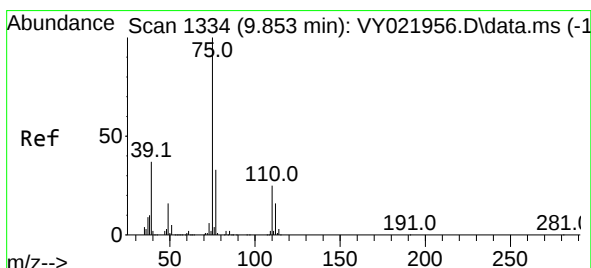
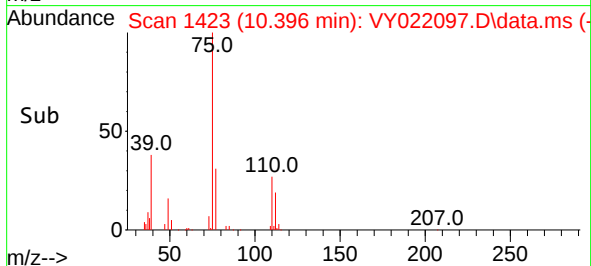
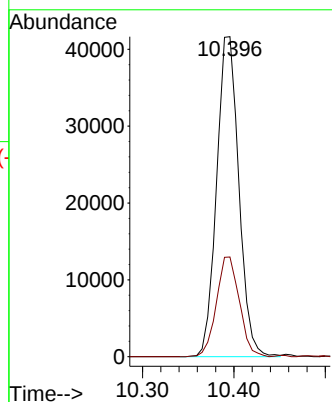
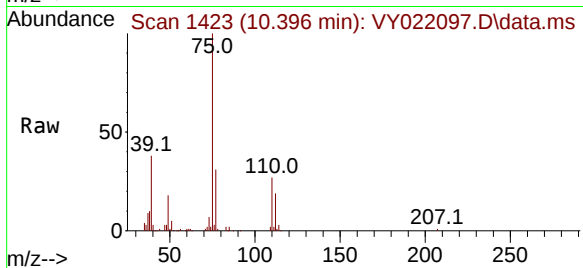




#53
 t-1,3-Dichloropropene
 Concen: 18.912 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

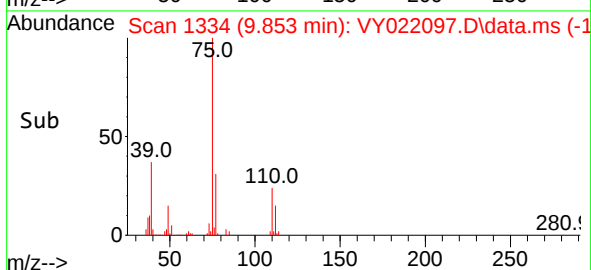
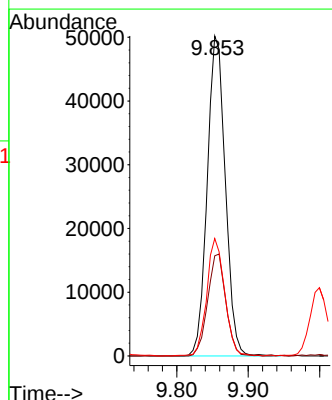
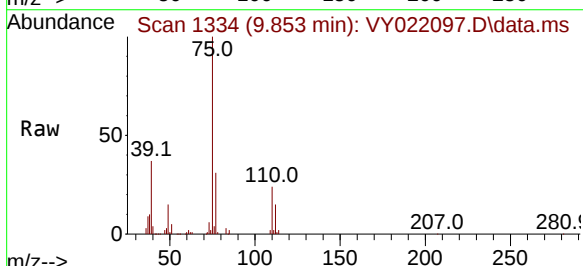
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Tgt Ion: 75 Resp: 70469
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.912 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 88193
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 40.0
 39 36.5 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 20.150 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

Tgt Ion: 97 Resp: 46804

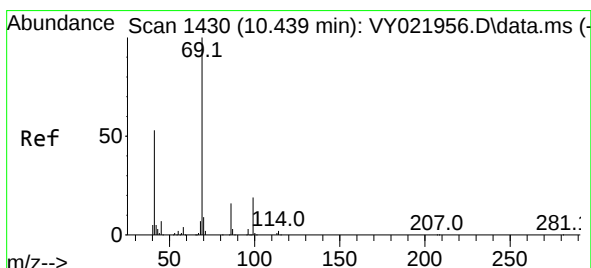
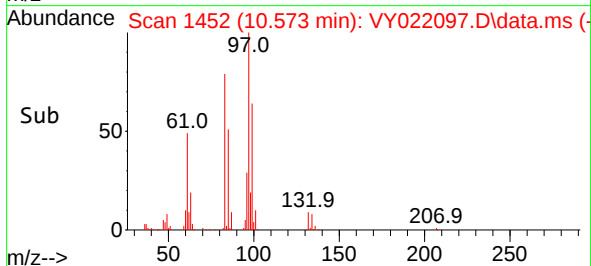
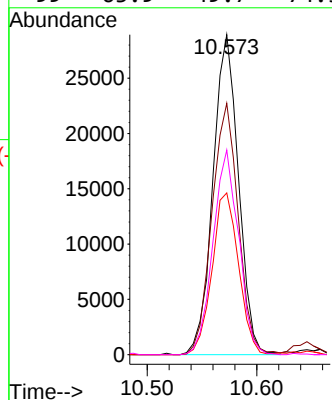
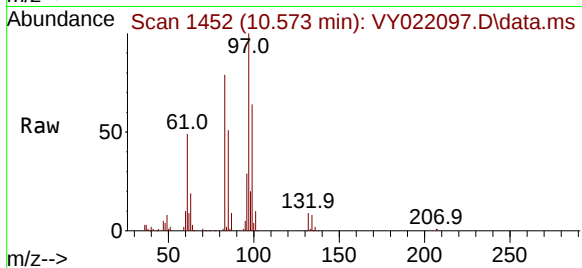
Ion Ratio Lower Upper

97 100

83 78.5 66.7 100.1

85 50.5 42.6 64.0

99 63.9 49.7 74.5



#56

Ethyl methacrylate

Concen: 17.476 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

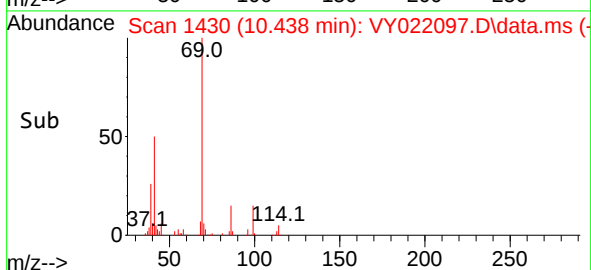
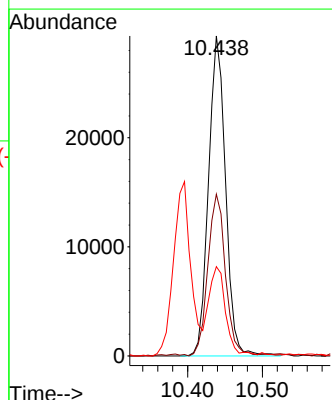
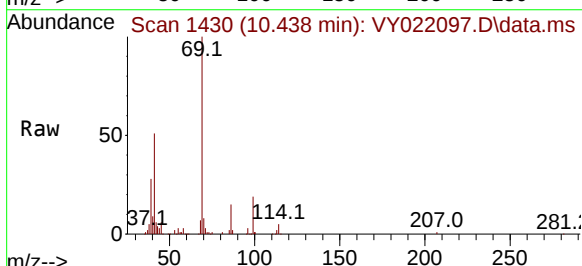
Tgt Ion: 69 Resp: 46419

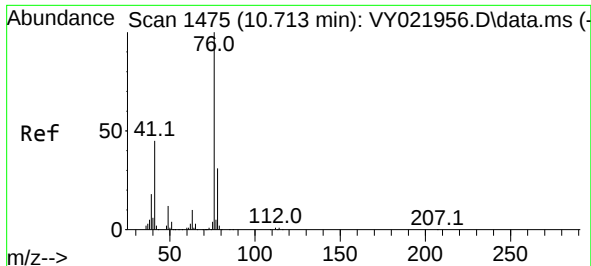
Ion Ratio Lower Upper

69 100

41 52.4 40.7 61.1

39 26.8 23.3 34.9





#57

1,3-Dichloropropane

Concen: 19.697 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

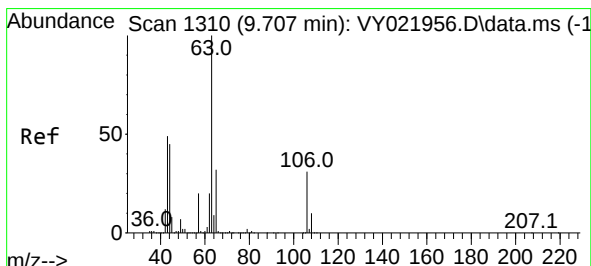
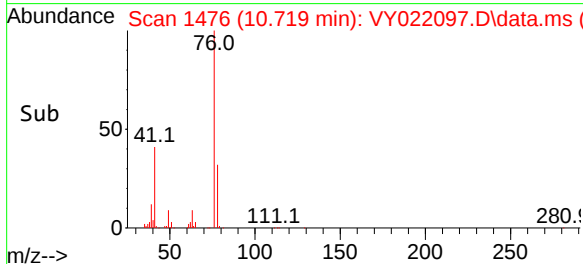
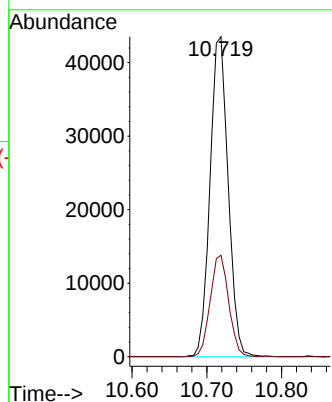
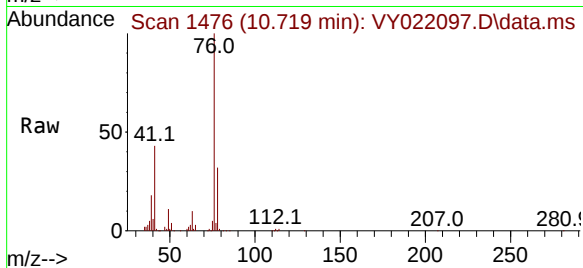
VY0501SBS01

Tgt Ion: 76 Resp: 73345

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.715 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022097.D

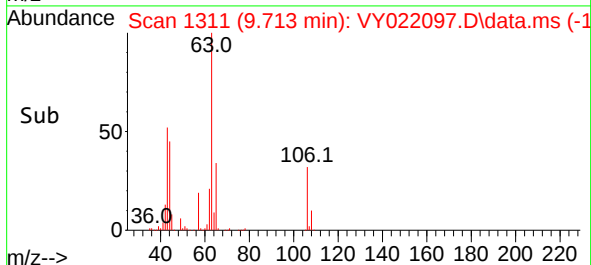
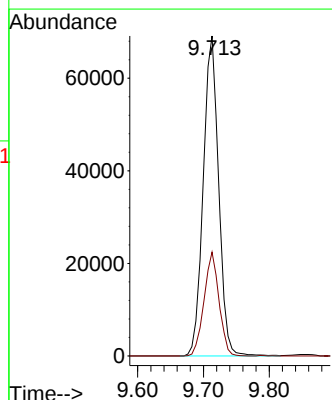
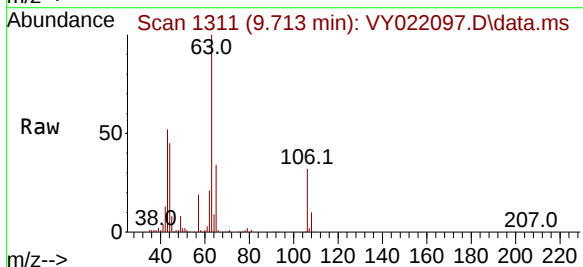
Acq: 01 May 2025 10:42

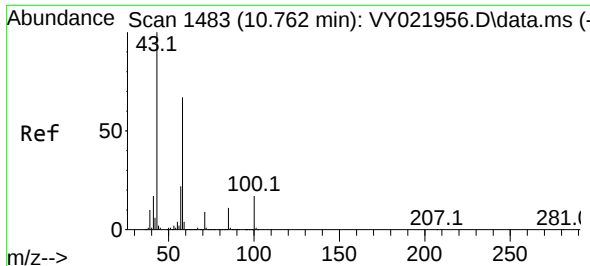
Tgt Ion: 63 Resp: 112618

Ion Ratio Lower Upper

63 100

106 31.4 25.3 37.9

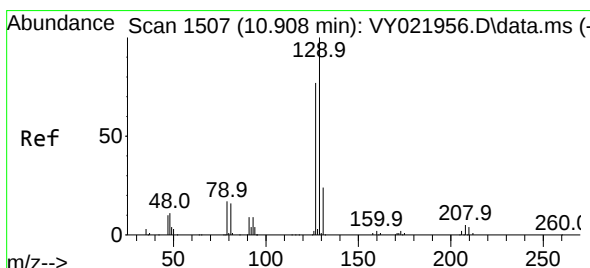
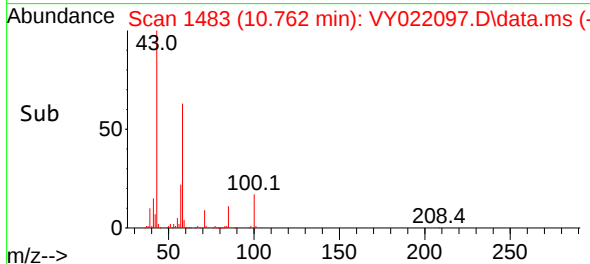
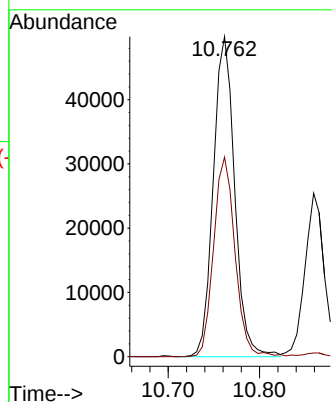
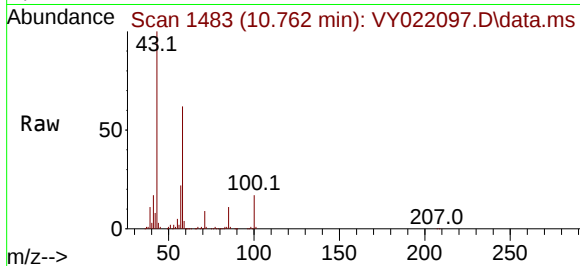




#59
2-Hexanone
Concen: 84.678 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

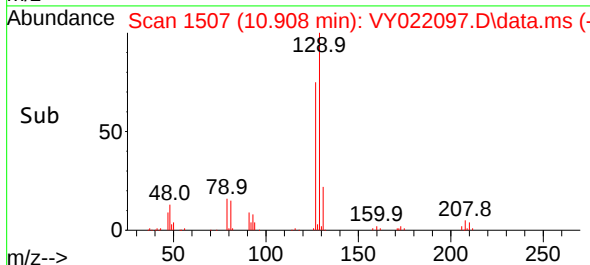
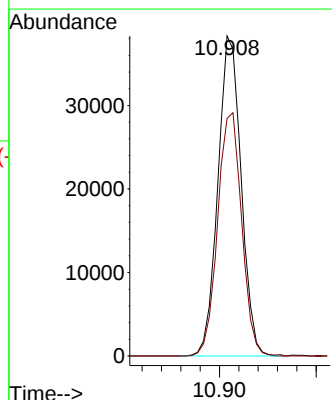
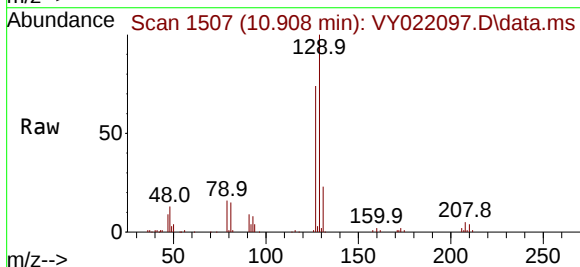
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

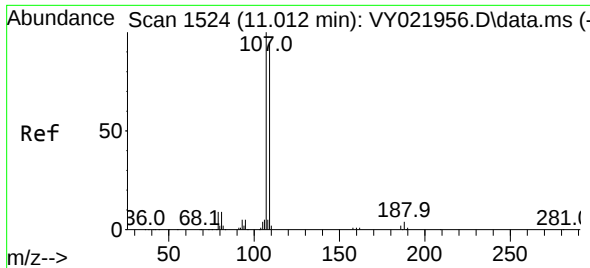
Tgt Ion: 43 Resp: 81146
Ion Ratio Lower Upper
43 100
58 62.4 32.0 96.0



#60
Dibromochloromethane
Concen: 19.827 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 129 Resp: 63759
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3

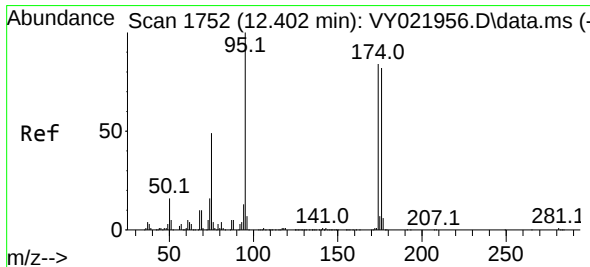
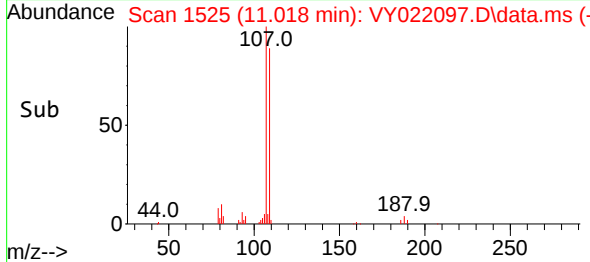
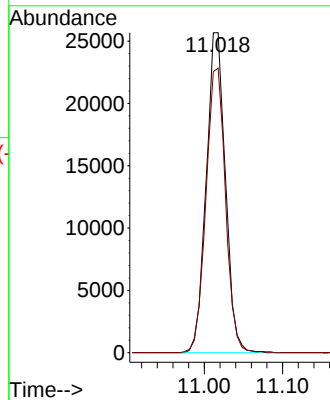
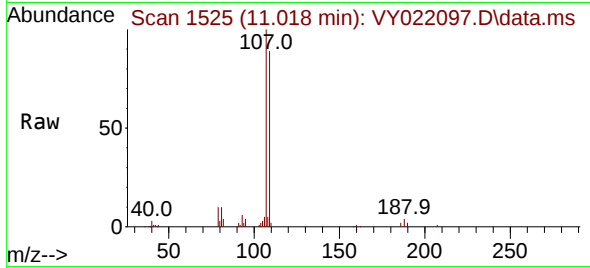




#61
1,2-Dibromoethane
Concen: 19.884 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

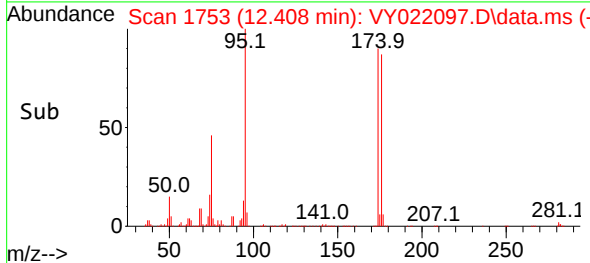
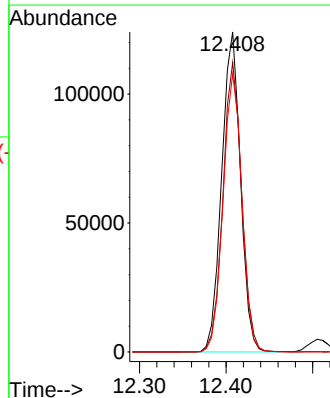
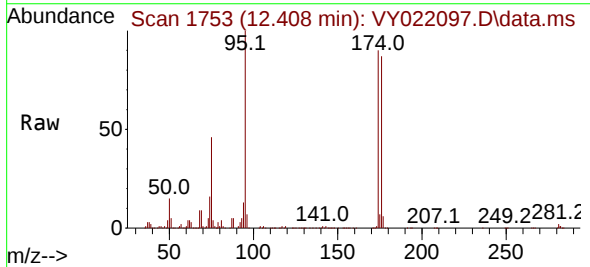
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

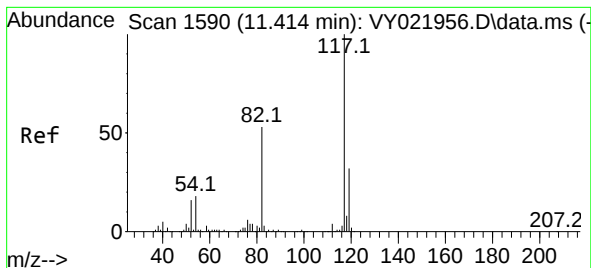
Tgt Ion:107 Resp: 43603
Ion Ratio Lower Upper
107 100
109 90.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 95 Resp: 187006
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.0
176 87.2 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: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

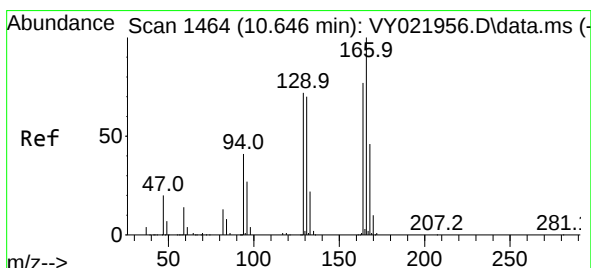
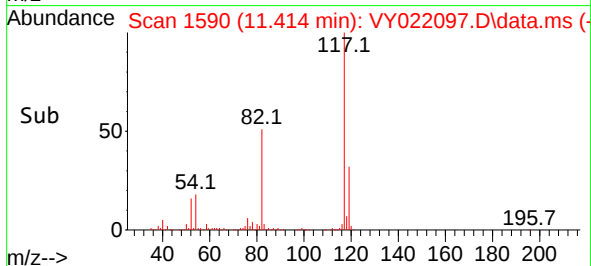
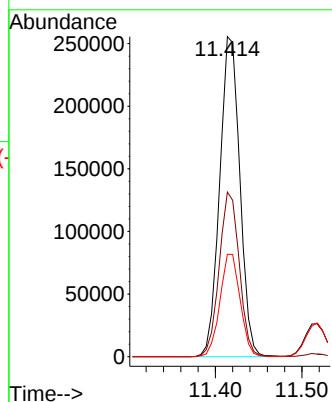
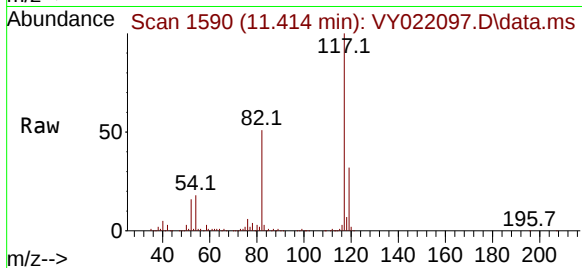
Tgt Ion:117 Resp: 414235

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 20.925 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Tgt Ion:164 Resp: 81769

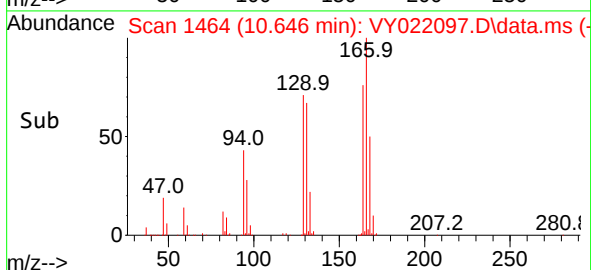
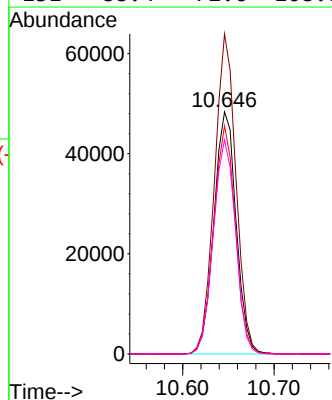
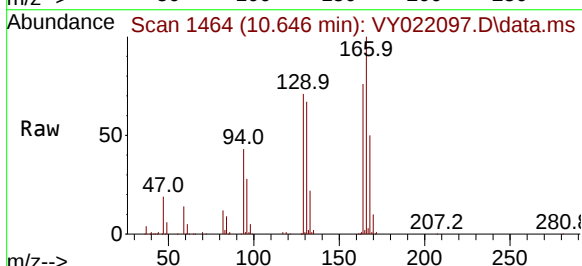
Ion Ratio Lower Upper

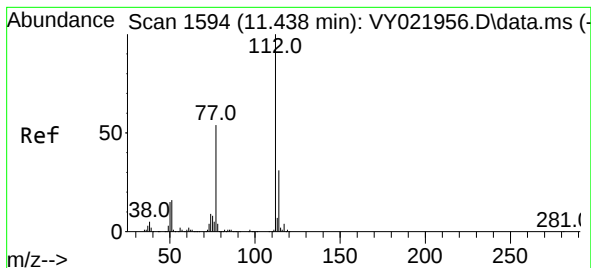
164 100

166 132.2 103.6 155.4

129 94.2 74.2 111.4

131 88.4 72.6 108.8





#65

Chlorobenzene

Concen: 19.830 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

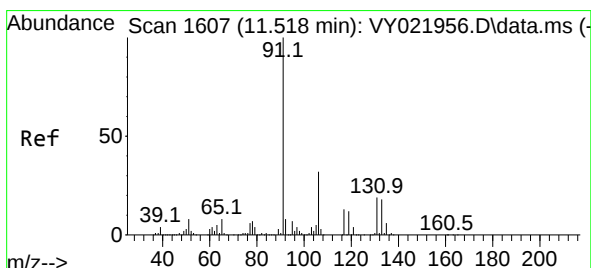
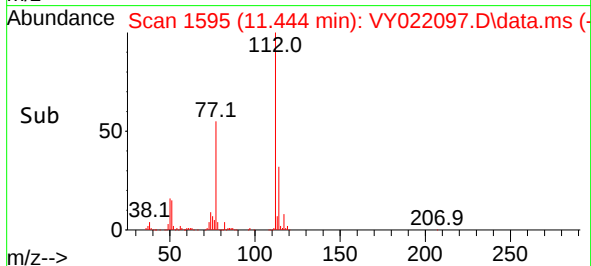
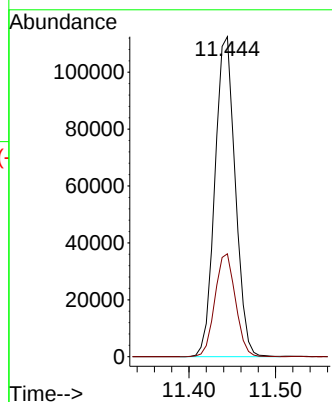
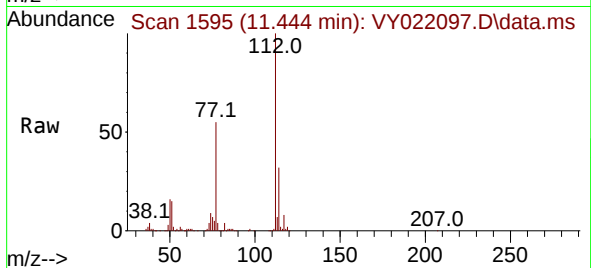
VY0501SBS01

Tgt Ion:112 Resp: 183689

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.952 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

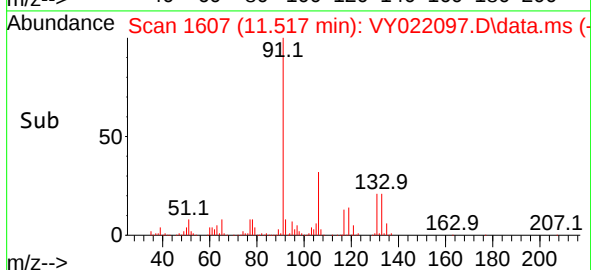
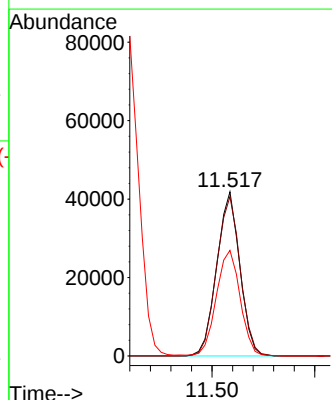
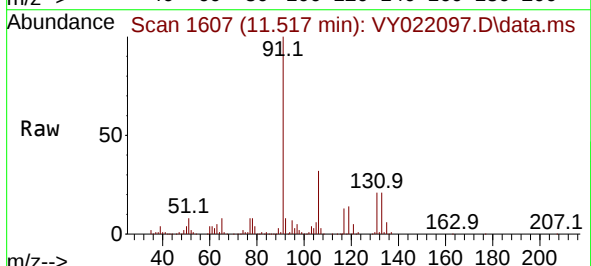
Tgt Ion:131 Resp: 65069

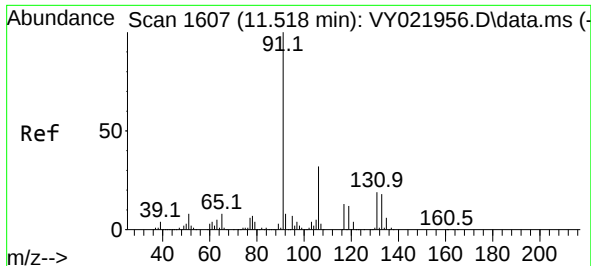
Ion Ratio Lower Upper

131 100

133 99.4 47.8 143.3

119 66.7 32.4 97.0

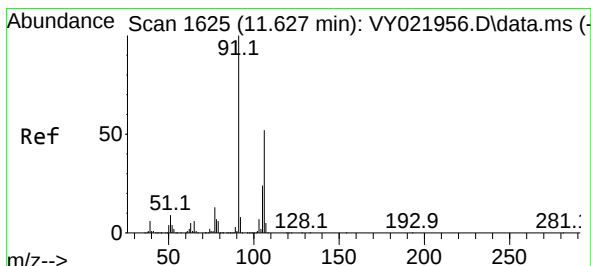
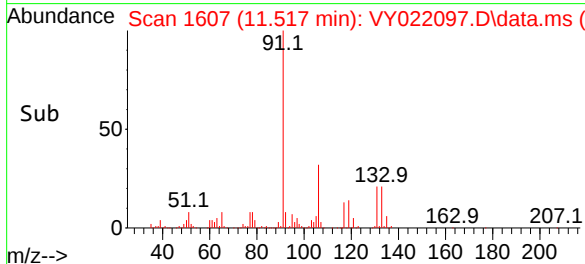
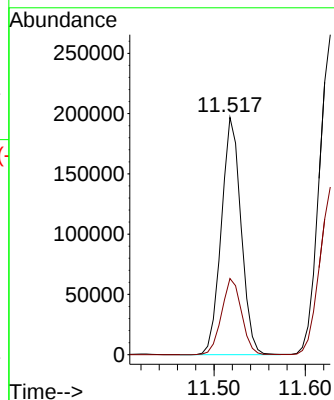
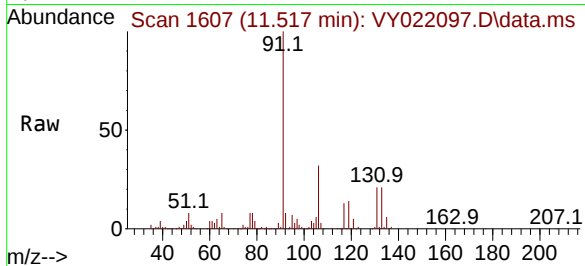




#67
Ethyl Benzene
Concen: 19.525 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

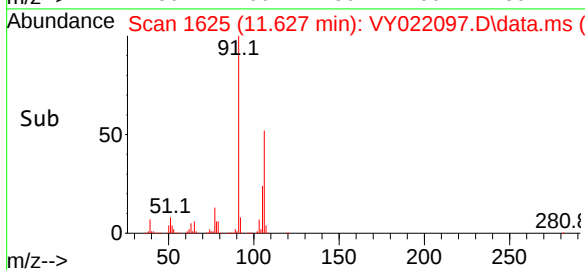
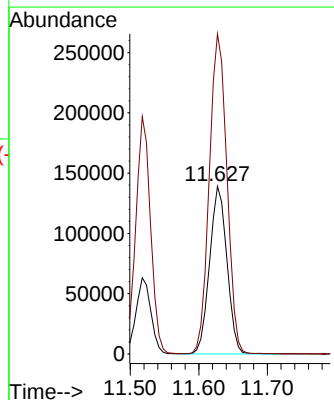
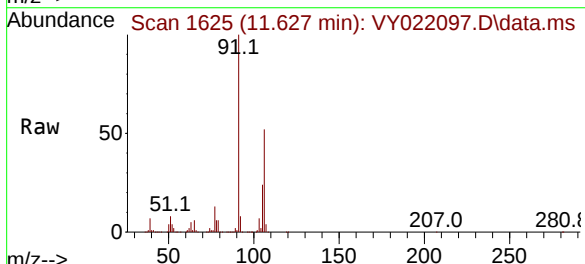
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

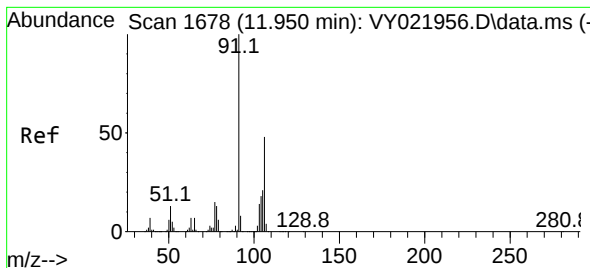
Tgt Ion: 91 Resp: 295862
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 40.518 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:106 Resp: 244316
Ion Ratio Lower Upper
106 100
91 193.6 156.2 234.2





#69

o-Xylene

Concen: 19.629 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

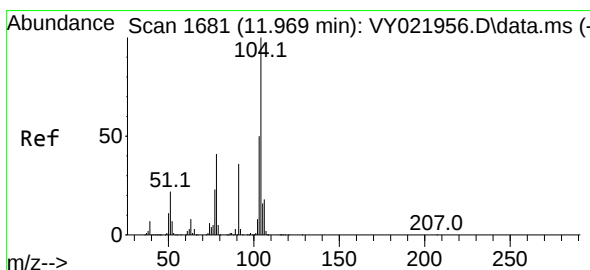
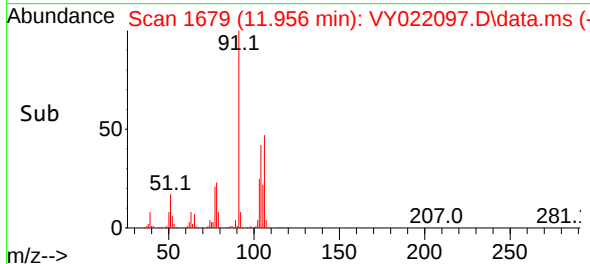
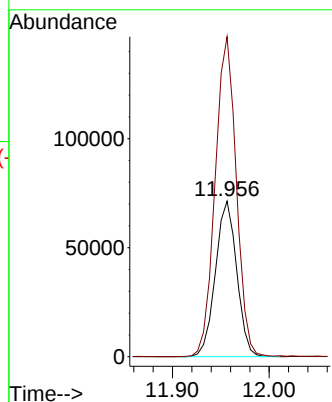
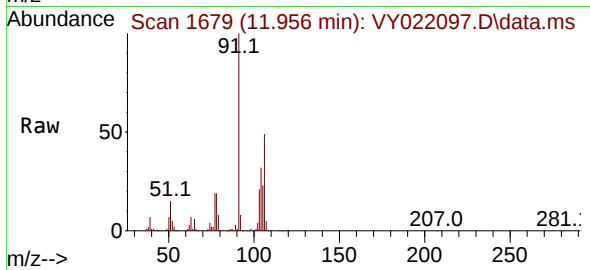
VY0501SBS01

Tgt Ion:106 Resp: 109092

Ion Ratio Lower Upper

106 100

91 204.4 103.0 308.9



#70

Styrene

Concen: 20.081 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

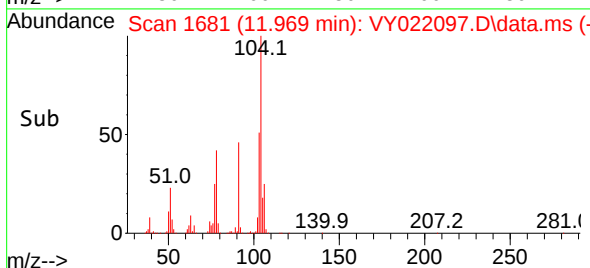
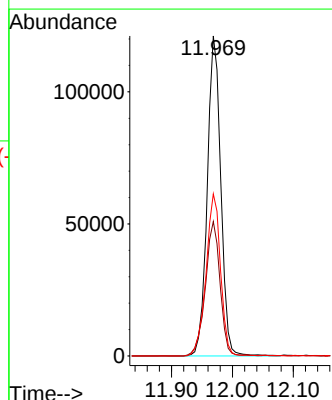
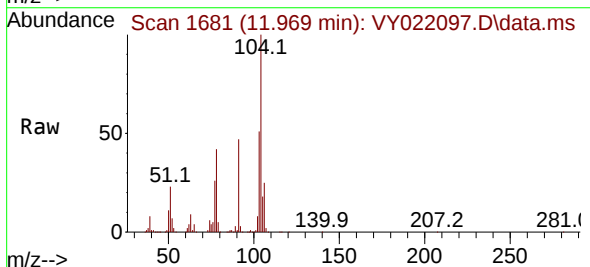
Tgt Ion:104 Resp: 187388

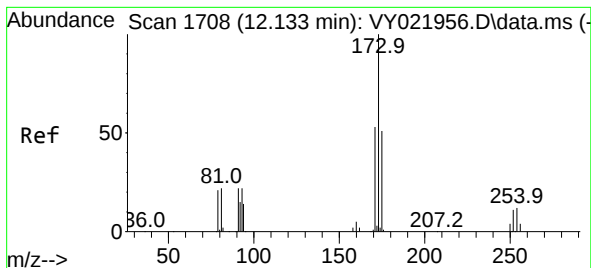
Ion Ratio Lower Upper

104 100

78 45.7 36.6 54.8

103 54.0 43.8 65.8





#71

Bromoform

Concen: 19.615 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

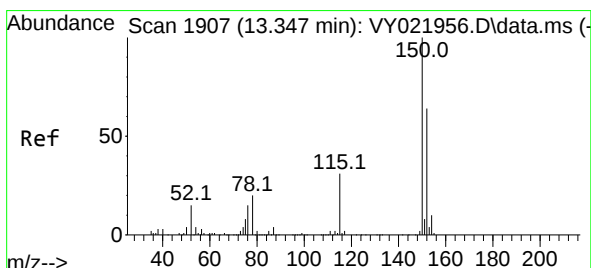
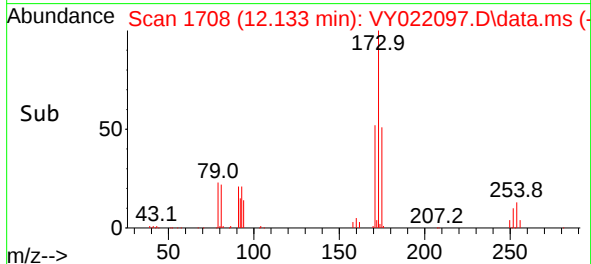
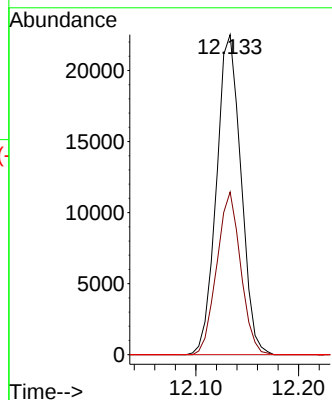
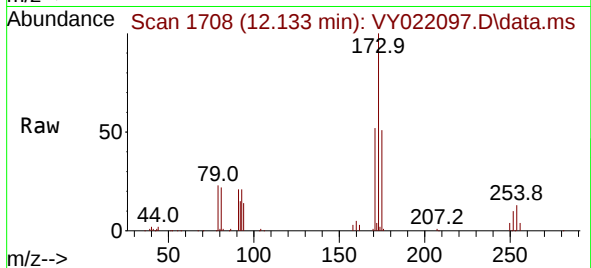
Tgt Ion:173 Resp: 37191

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

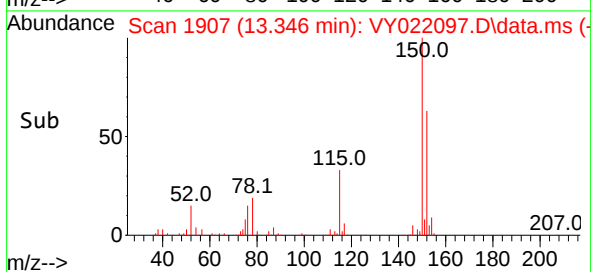
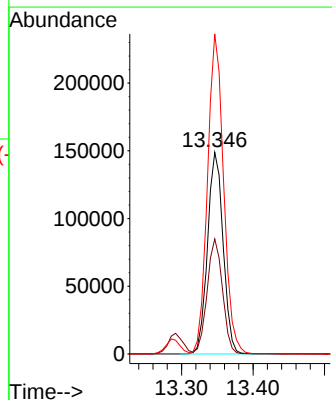
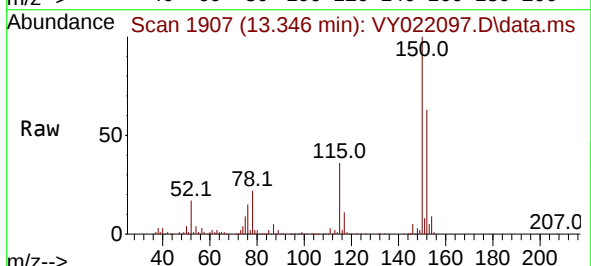
Tgt Ion:152 Resp: 225406

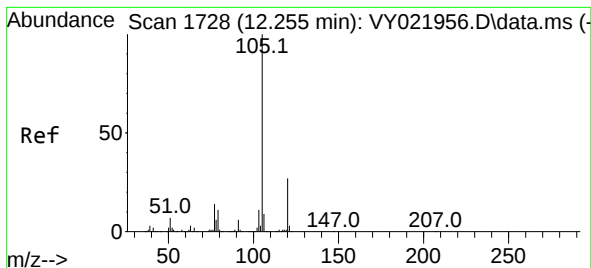
Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 164.1 0.0 345.6





#73

Isopropylbenzene

Concen: 19.173 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

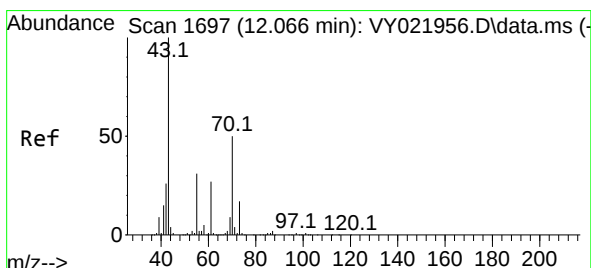
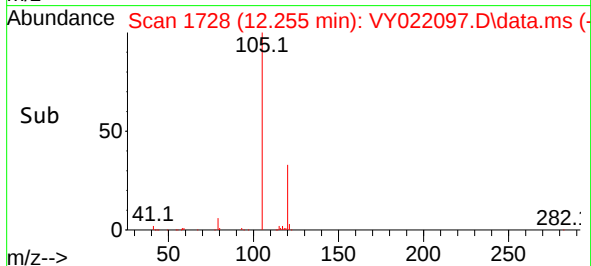
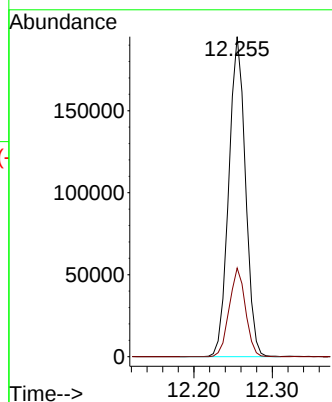
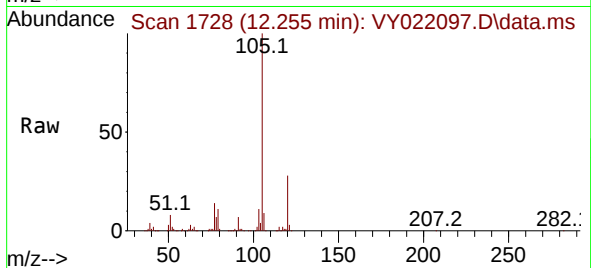
VY0501SBS01

Tgt Ion:105 Resp: 288742

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 16.178 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 41858

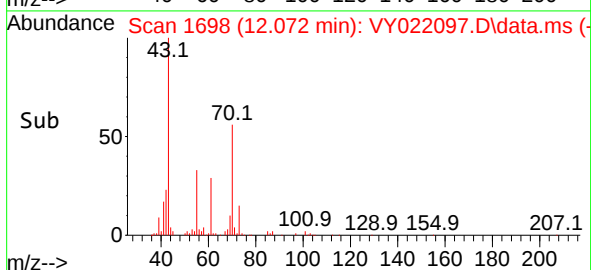
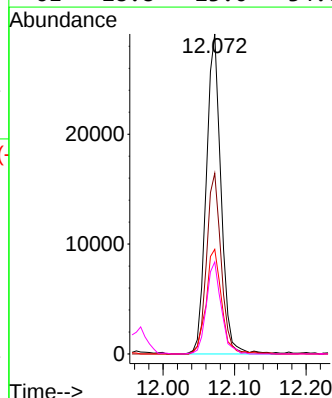
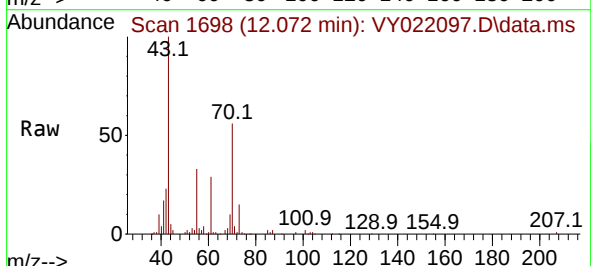
Ion Ratio Lower Upper

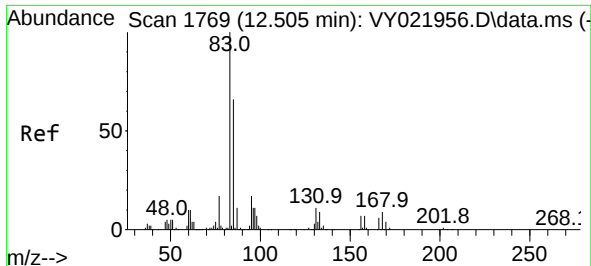
43 100

70 55.9 43.2 64.8

55 34.5 25.7 38.5

61 28.8 23.0 34.6

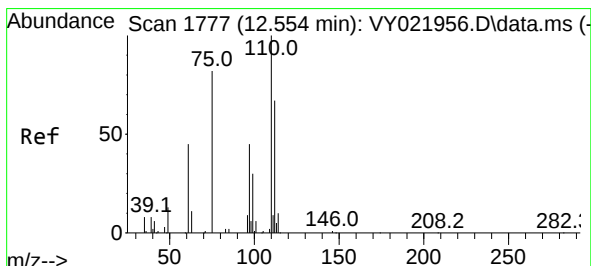
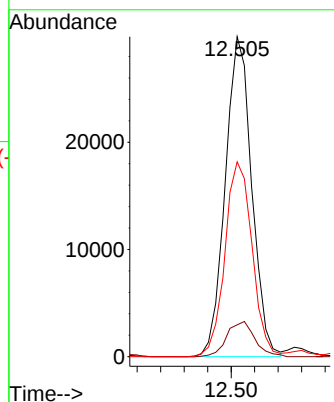
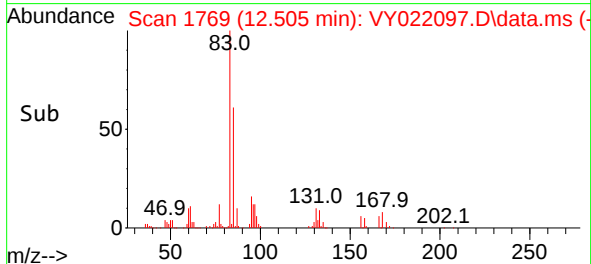
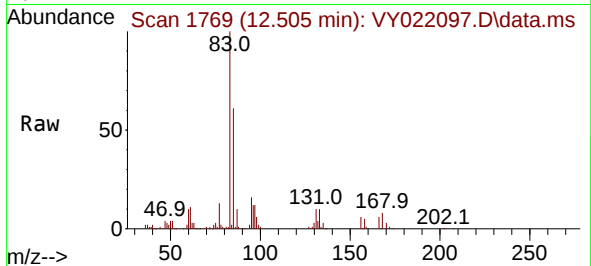




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.407 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

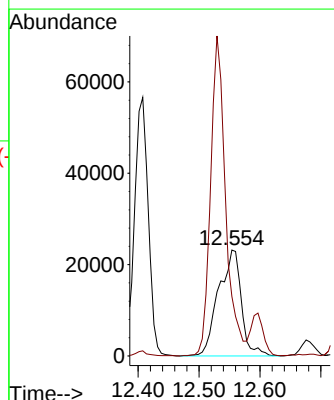
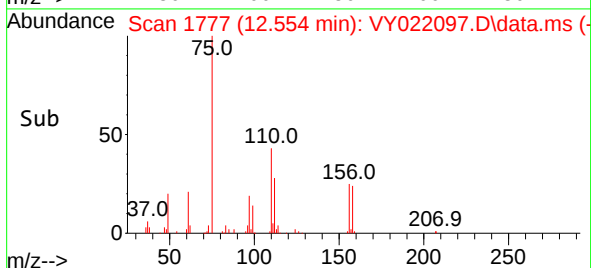
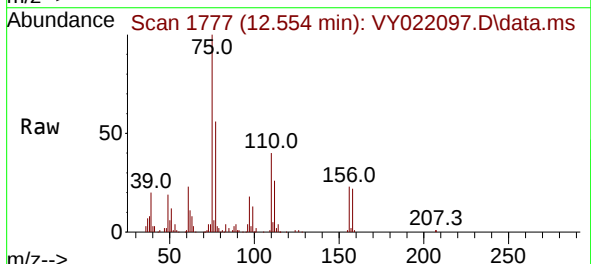
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

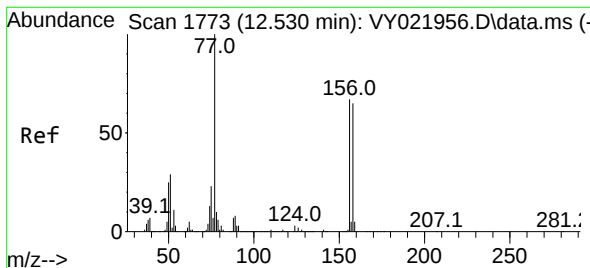
Tgt Ion: 83 Resp: 46736
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.5 16.4
 85 62.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 31.306 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 60442
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.326 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

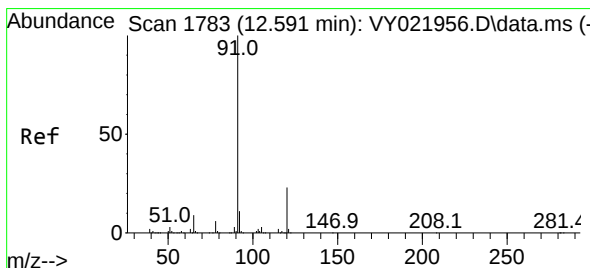
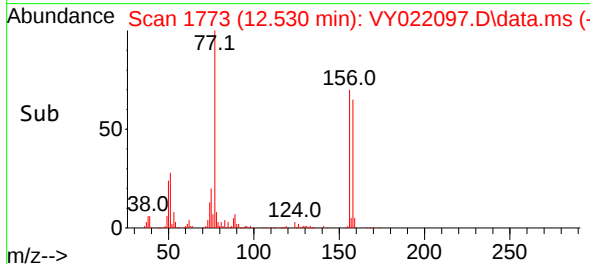
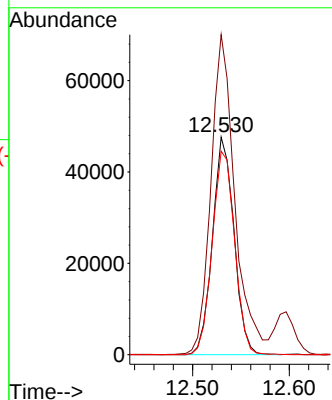
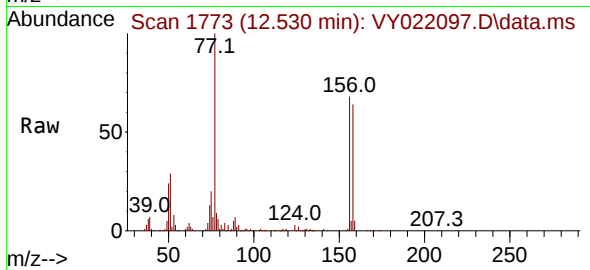
Tgt Ion:156 Resp: 73542

Ion Ratio Lower Upper

156 100

77 162.7 82.7 248.1

158 97.4 48.1 144.4



#78

n-propylbenzene

Concen: 19.510 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022097.D

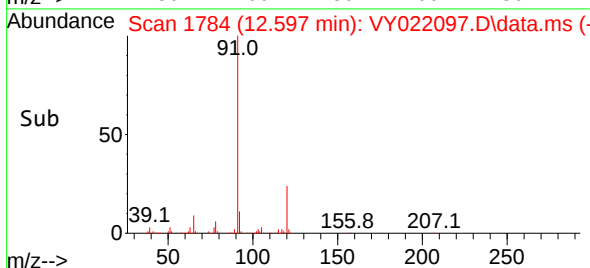
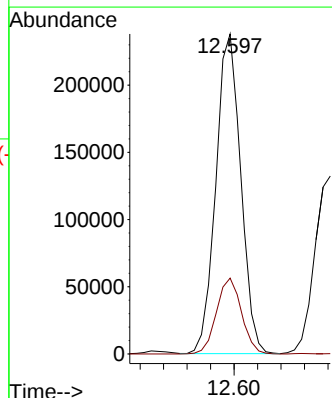
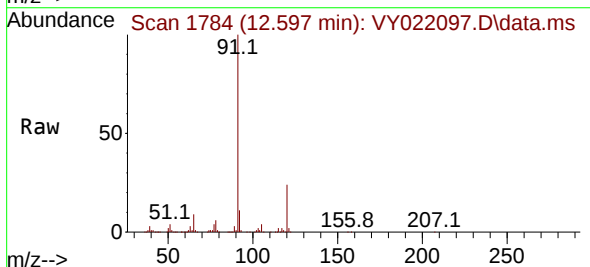
Acq: 01 May 2025 10:42

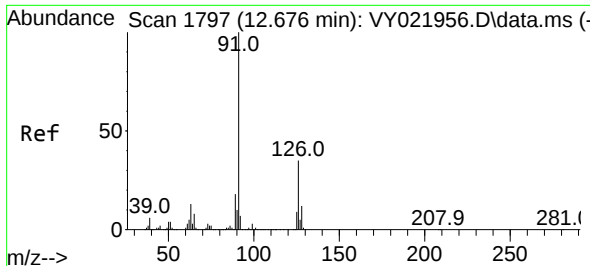
Tgt Ion: 91 Resp: 349898

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.494 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

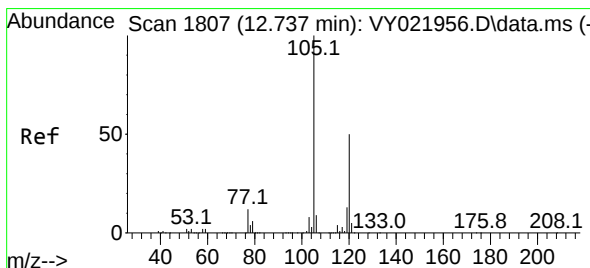
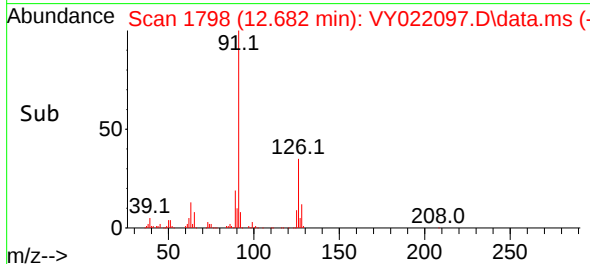
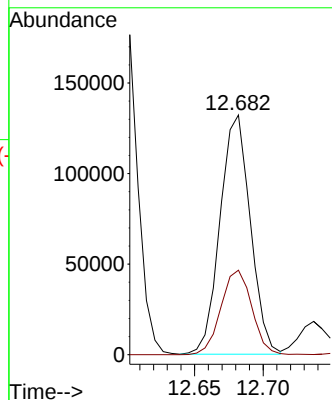
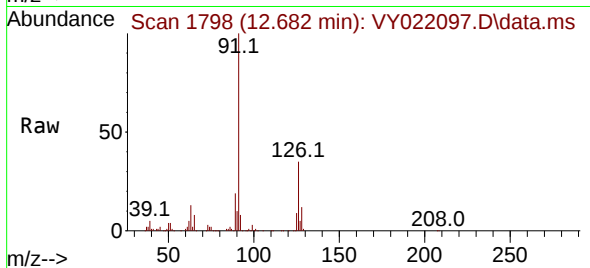
VY0501SBS01

Tgt Ion: 91 Resp: 203324

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 19.627 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022097.D

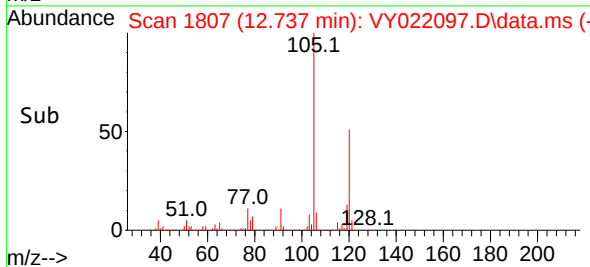
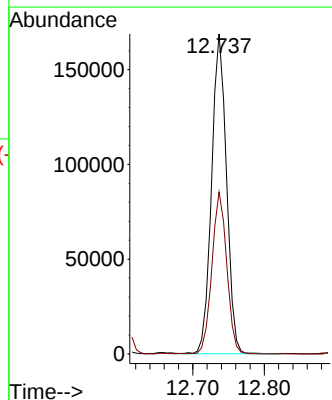
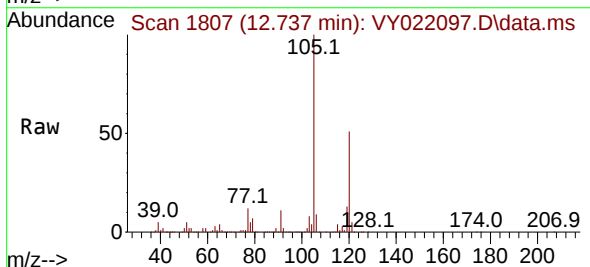
Acq: 01 May 2025 10:42

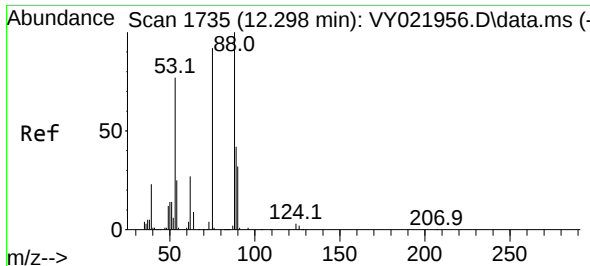
Tgt Ion: 105 Resp: 243534

Ion Ratio Lower Upper

105 100

120 50.6 25.0 75.0

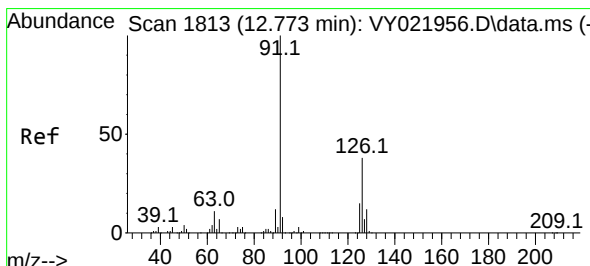
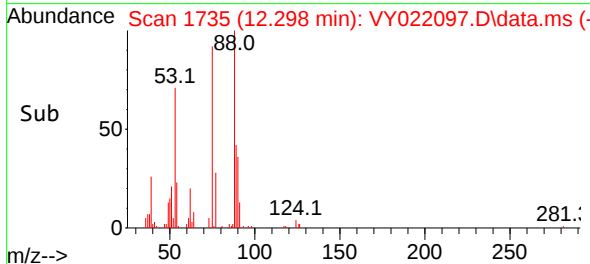
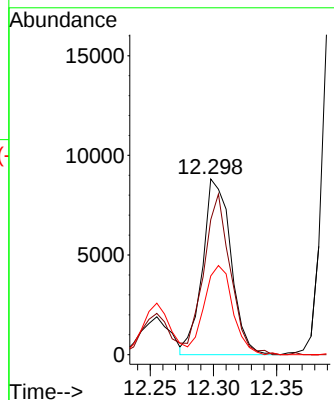
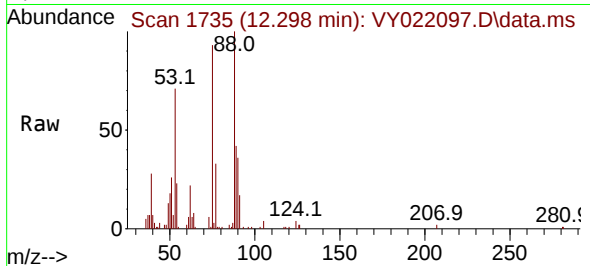




#81
trans-1,4-Dichloro-2-butene
Concen: 17.090 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

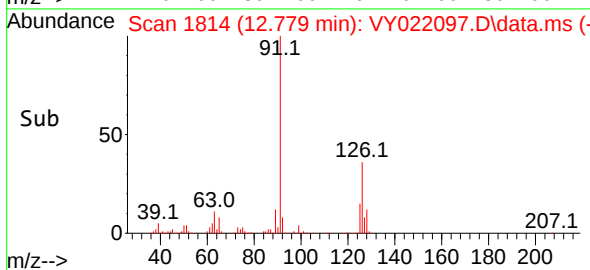
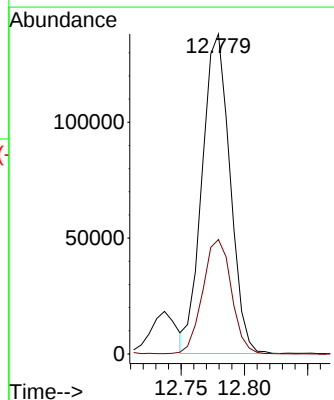
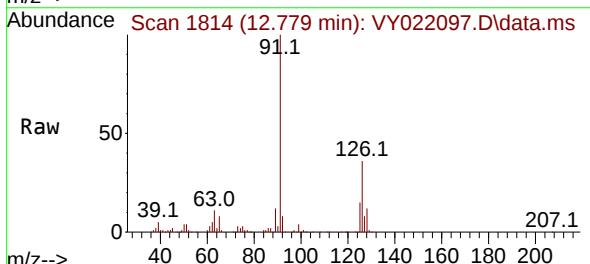
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

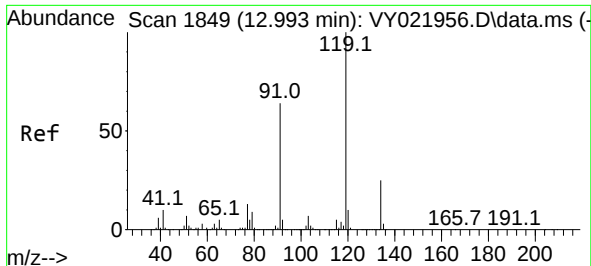
Tgt Ion: 75 Resp: 13702
Ion Ratio Lower Upper
75 100
53 84.6 66.0 99.0
89 51.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.539 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 211849
Ion Ratio Lower Upper
91 100
126 36.9 17.9 53.8

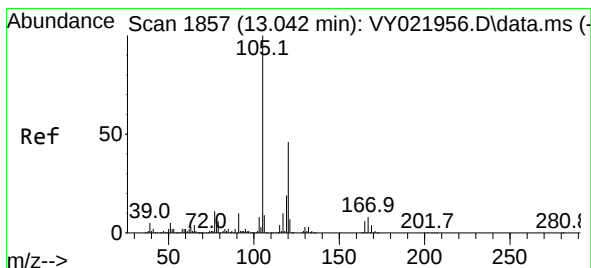
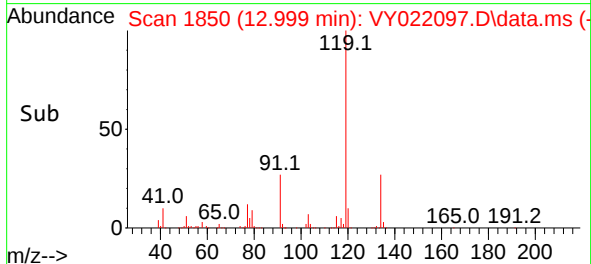
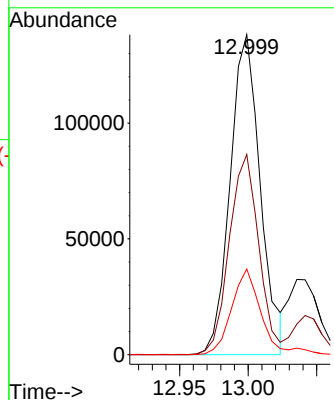
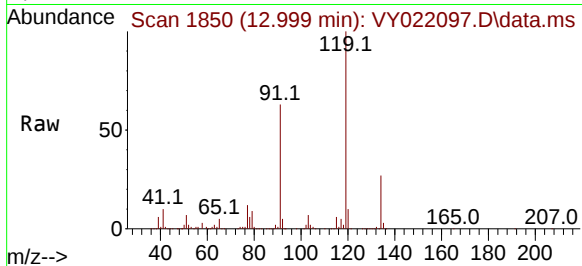




#83
tert-Butylbenzene
Concen: 19.015 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

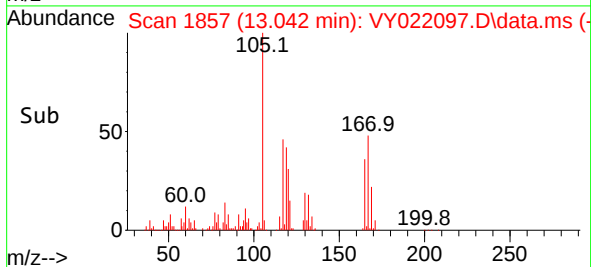
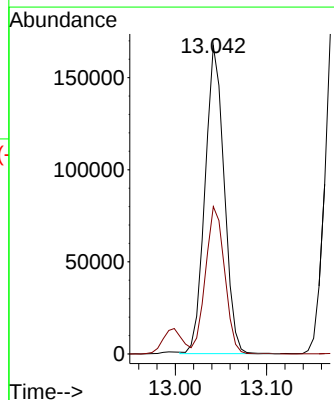
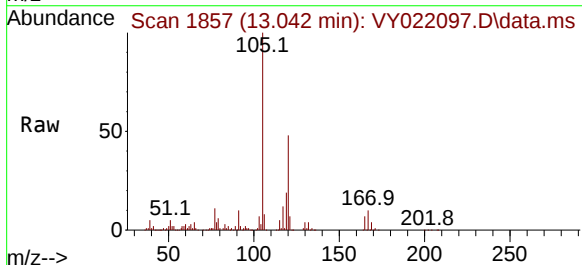
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

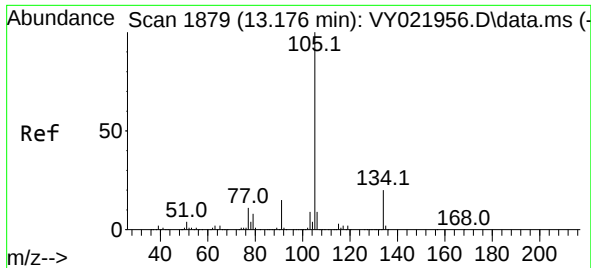
Tgt Ion:119 Resp: 211608
Ion Ratio Lower Upper
119 100
91 61.0 30.3 90.9
134 26.4 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.542 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:105 Resp: 242538
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.0

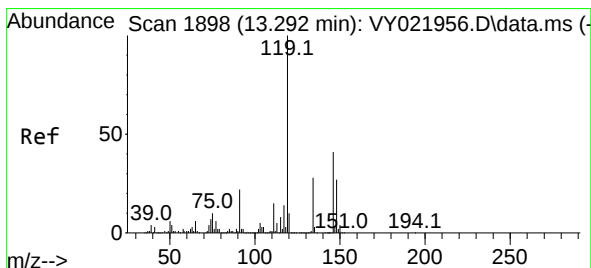
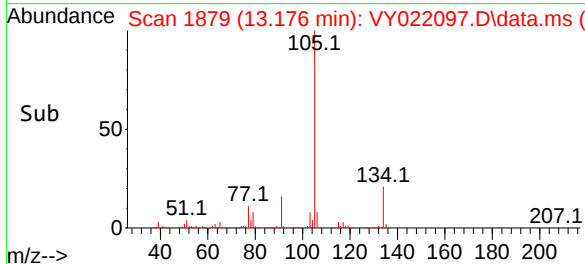
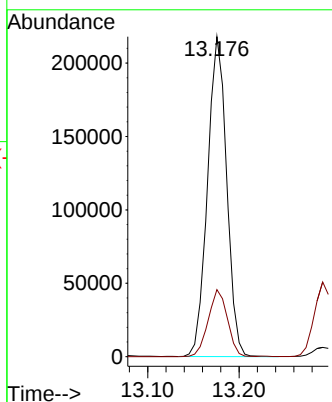
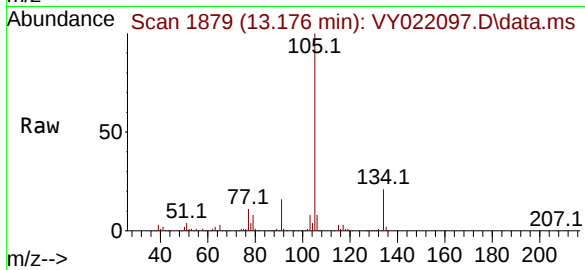




#85
 sec-Butylbenzene
 Concen: 19.438 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

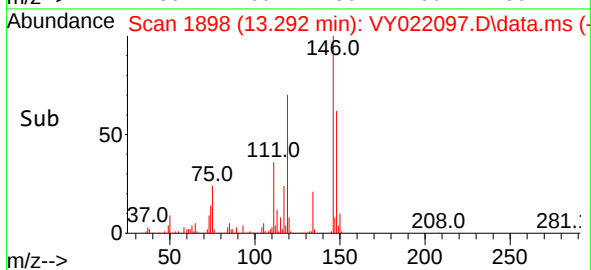
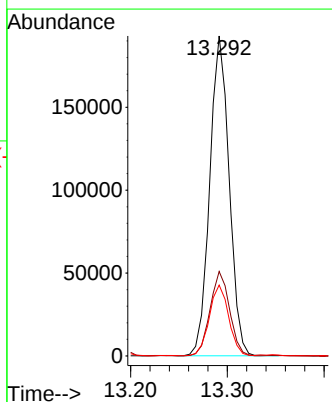
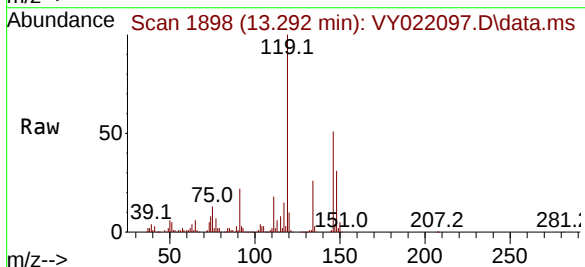
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

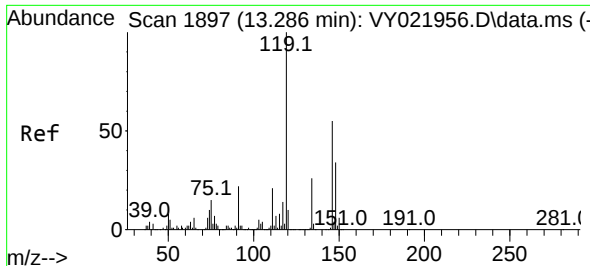
Tgt Ion:105 Resp: 316527
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.423 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022097.D
 Acq: 01 May 2025 10:42

Tgt Ion:119 Resp: 268577
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.869 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

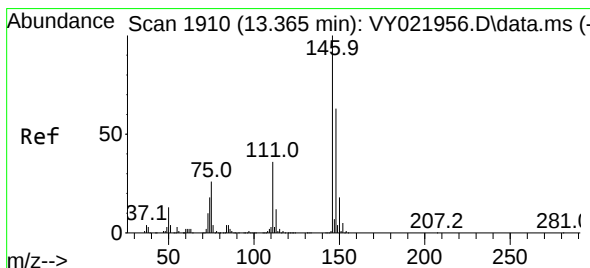
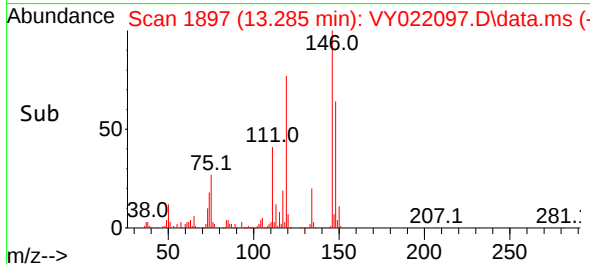
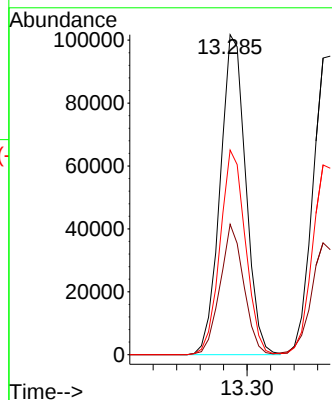
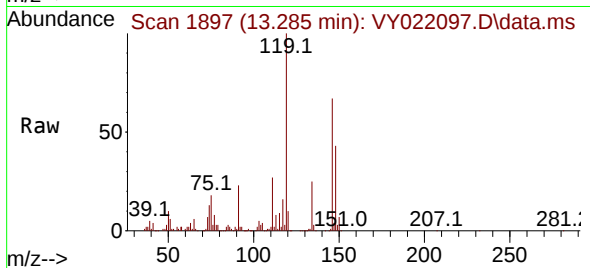
Tgt Ion:146 Resp: 153561

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.600 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

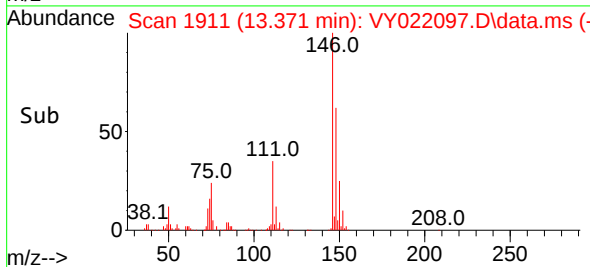
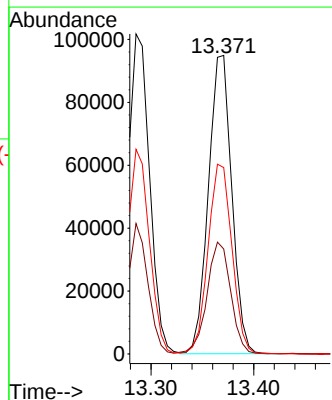
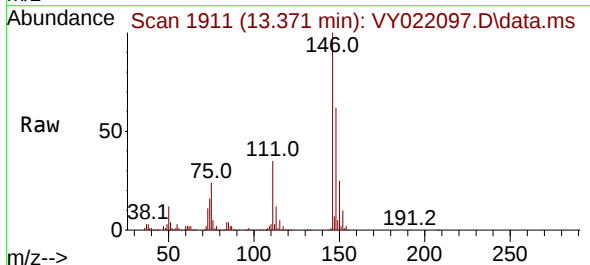
Tgt Ion:146 Resp: 150028

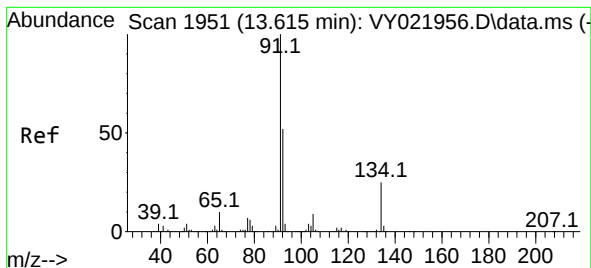
Ion Ratio Lower Upper

146 100

111 37.9 19.2 57.6

148 65.1 32.0 96.0





#89

n-Butylbenzene

Concen: 18.656 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

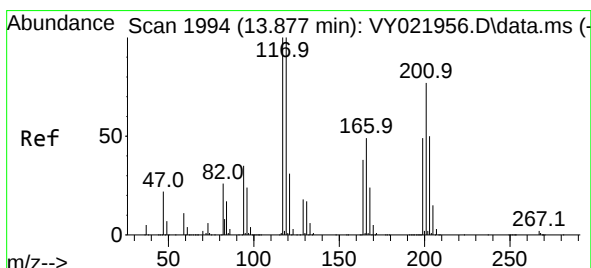
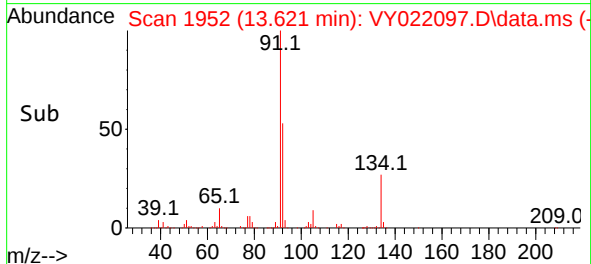
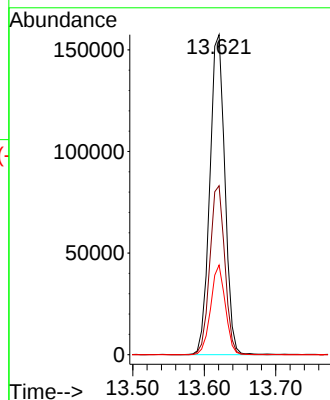
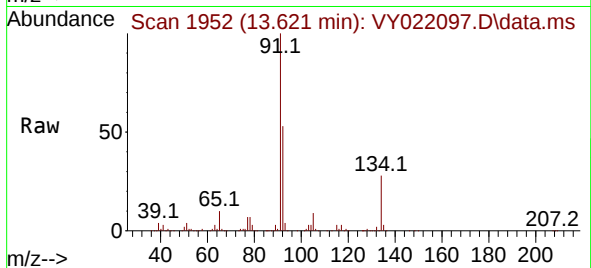
Tgt Ion: 91 Resp: 230584

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 19.723 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022097.D

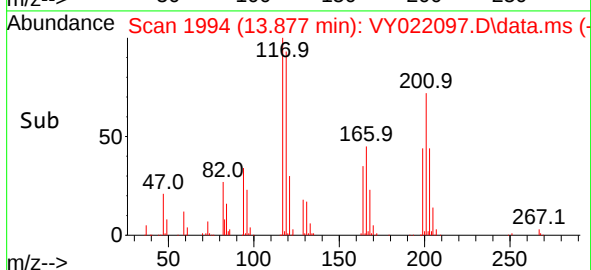
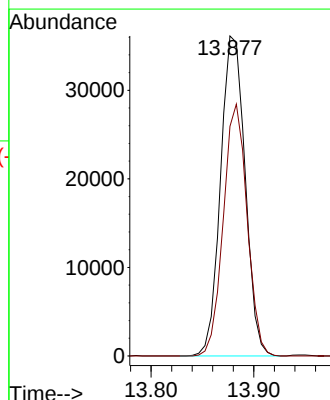
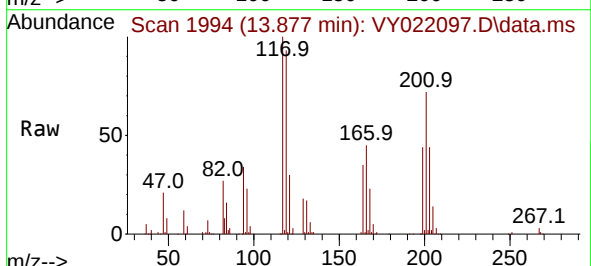
Acq: 01 May 2025 10:42

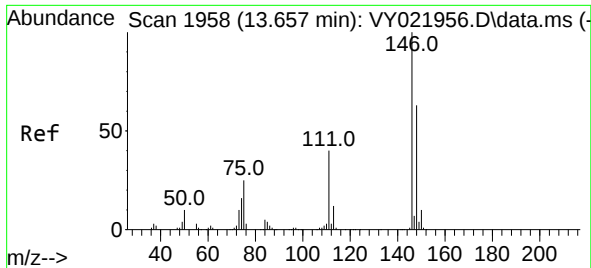
Tgt Ion: 117 Resp: 59920

Ion Ratio Lower Upper

117 100

201 76.1 38.7 116.1

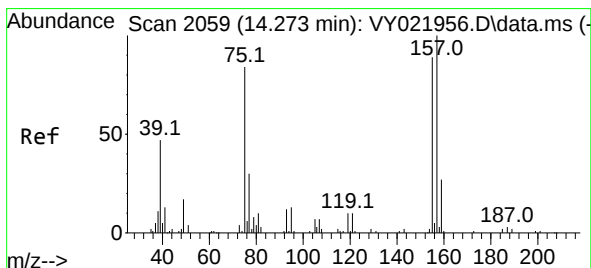
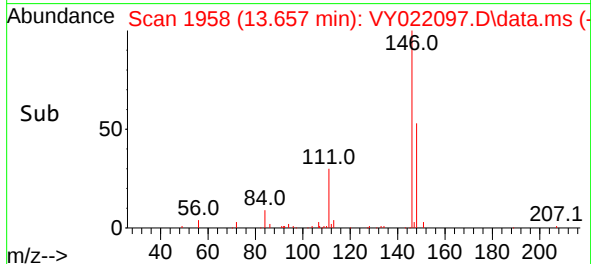
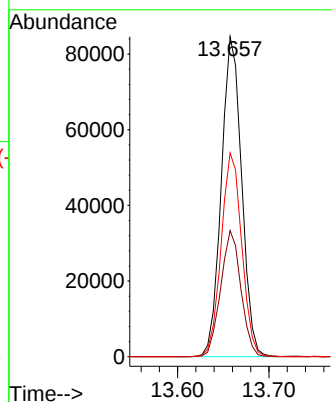
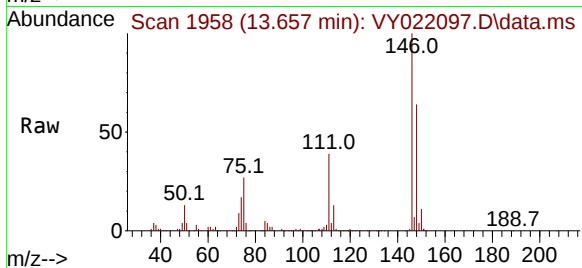




#91
1,2-Dichlorobenzene
Concen: 19.391 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

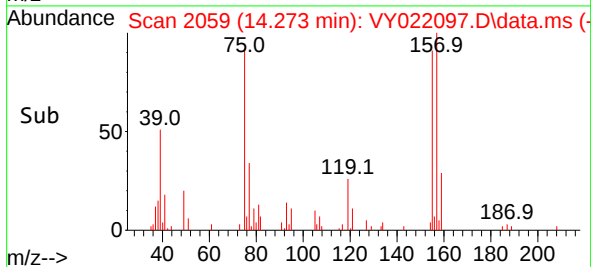
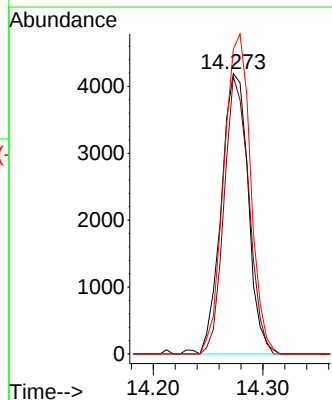
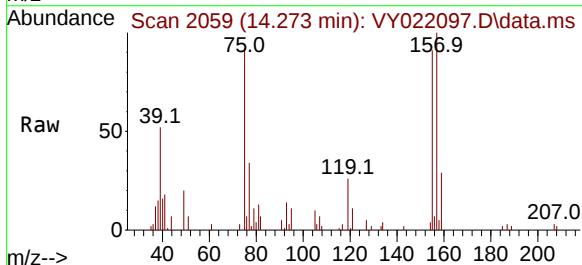
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

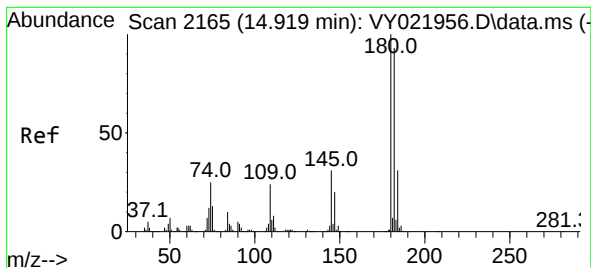
Tgt Ion:146 Resp: 130714
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 64.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.708 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 7153
Ion Ratio Lower Upper
75 100
155 90.6 50.7 152.3
157 113.4 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.012 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

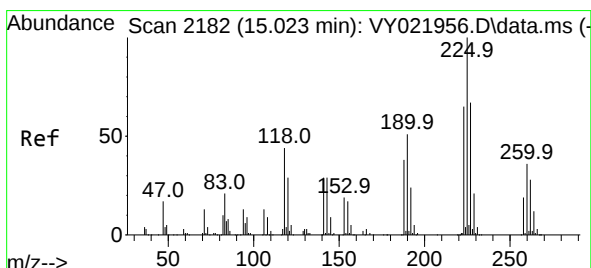
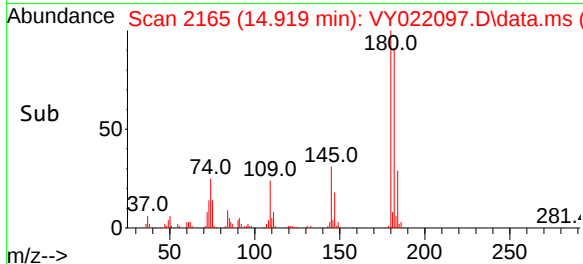
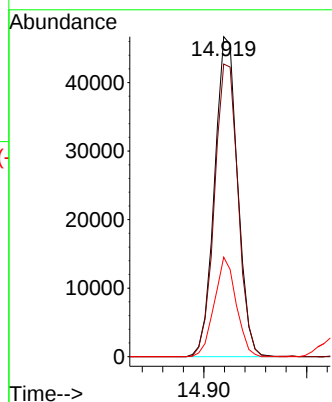
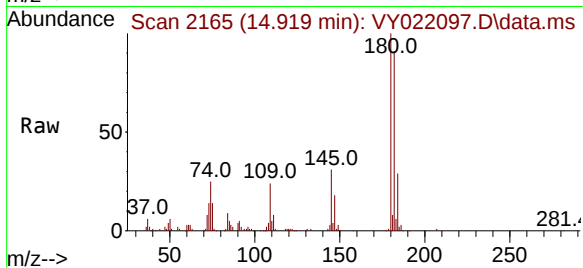
Tgt Ion:180 Resp: 72623

Ion Ratio Lower Upper

180 100

182 93.1 47.1 141.4

145 29.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.283 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

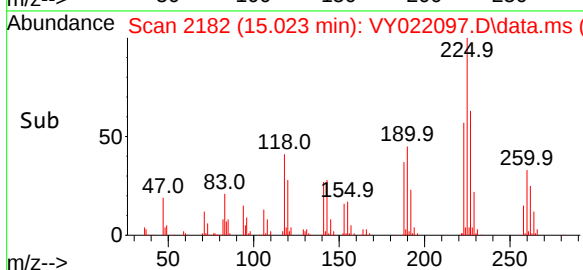
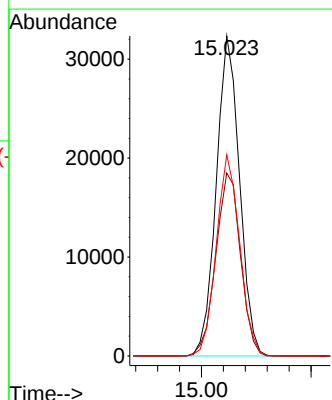
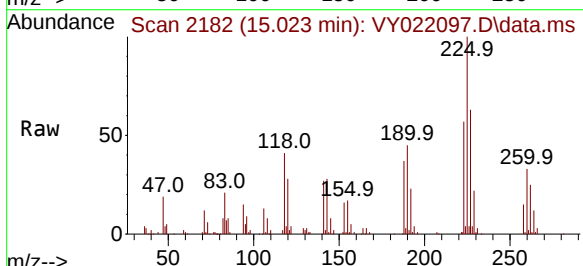
Tgt Ion:225 Resp: 47671

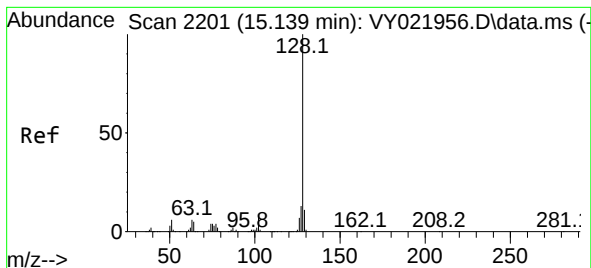
Ion Ratio Lower Upper

225 100

223 60.6 31.9 95.5

227 63.3 32.3 96.9





#95

Naphthalene

Concen: 16.425 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

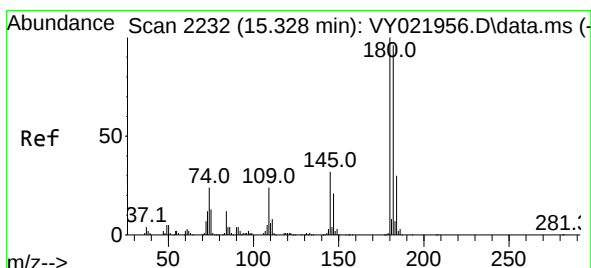
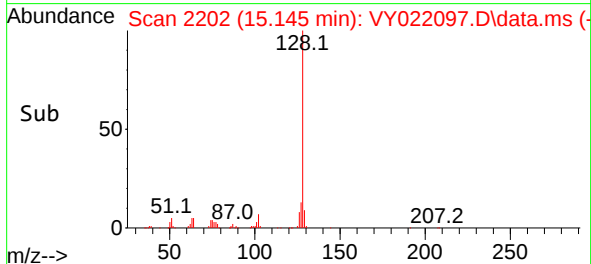
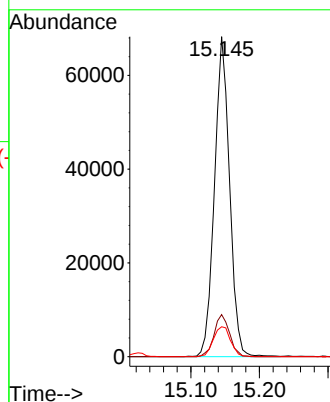
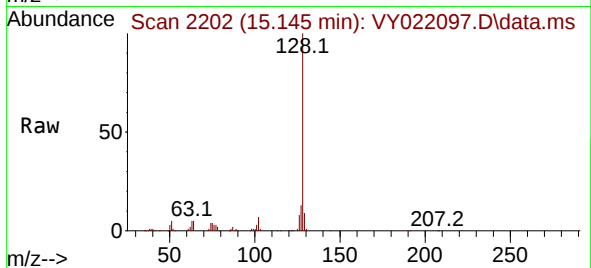
Tgt Ion:128 Resp: 104223

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.778 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022097.D

Acq: 01 May 2025 10:42

Tgt Ion:180 Resp: 61917

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.4

145 31.1 16.0 48.0

