

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022854.D
 Acq On : 27 Jun 2025 12:00
 Operator : SY/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Quant Time: Jun 27 23:14:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	438526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	740220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	622783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	290353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	237300	48.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.640	113	226412	50.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.109	98	900780	50.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.408	95	278170	48.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76212	20.324	ug/l	98
3) Chloromethane	2.068	50	153177	21.392	ug/l	100
4) Vinyl Chloride	2.208	62	170566	19.067	ug/l	99
5) Bromomethane	2.598	94	161162	22.916	ug/l	97
6) Chloroethane	2.739	64	119116	19.809	ug/l	91
7) Trichlorofluoromethane	3.056	101	183265	18.501	ug/l	99
8) Diethyl Ether	3.458	74	54143	22.131	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	93036	20.552	ug/l	97
10) Methyl Iodide	4.013	142	89767	18.213	ug/l	99
11) Tert butyl alcohol	4.897	59	23523	72.280	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	89530	20.170	ug/l	90
13) Acrolein	3.665	56	35749	81.008	ug/l	97
14) Allyl chloride	4.391	41	136062	19.929	ug/l	97
15) Acrylonitrile	5.073	53	92308	90.431	ug/l	98
16) Acetone	3.885	43	107383	116.080	ug/l	100
17) Carbon Disulfide	4.110	76	285409	19.904	ug/l	99
18) Methyl Acetate	4.391	43	46604	15.212	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	229315	18.973	ug/l	99
20) Methylene Chloride	4.622	84	135989	23.277	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	101113	19.932	ug/l	96
22) Diisopropyl ether	6.025	45	304677	20.095	ug/l	99
23) Vinyl Acetate	5.970	43	807894	96.478	ug/l	99
24) 1,1-Dichloroethane	5.921	63	184095	20.101	ug/l	98
25) 2-Butanone	6.902	43	127761	94.892	ug/l	99
26) 2,2-Dichloropropane	6.890	77	158572	20.656	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	116421	19.750	ug/l	99
28) Bromochloromethane	7.250	49	76249	19.804	ug/l	93
29) Tetrahydrofuran	7.274	42	71998	84.687	ug/l	99
30) Chloroform	7.427	83	187777	19.907	ug/l	99
31) Cyclohexane	7.707	56	168575	20.052	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	163737	20.087	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139795	20.488	ug/l	99
37) Ethyl Acetate	6.994	43	53619	18.210	ug/l	97
38) Carbon Tetrachloride	7.823	117	141643	19.674	ug/l	100
39) Methylcyclohexane	9.109	83	177560	20.108	ug/l	100
40) Benzene	8.085	78	417986	19.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	24791	13.677	ug/l #	86
42) 1,2-Dichloroethane	8.164	62	109060	18.971	ug/l	98
43) Isopropyl Acetate	8.207	43	106074	17.333	ug/l	97
44) Trichloroethene	8.872	130	104596	19.858	ug/l	99
45) 1,2-Dichloropropane	9.146	63	96682	19.691	ug/l	97
46) Dibromomethane	9.237	93	52823	18.952	ug/l	97
47) Bromodichloromethane	9.426	83	137926	19.190	ug/l	97
48) Methyl methacrylate	9.225	41	49141	16.704	ug/l	93
49) 1,4-Dioxane	9.250	88	9963	302.548	ug/l #	78
51) 4-Methyl-2-Pentanone	9.999	43	265865	85.492	ug/l	96
52) Toluene	10.176	92	261191	19.735	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	120263	18.597	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	149000	19.871	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	67633	18.739	ug/l	94
56) Ethyl methacrylate	10.444	69	85618	17.632	ug/l	96
57) 1,3-Dichloropropane	10.719	76	117720	18.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	211949	93.503	ug/l	99
59) 2-Hexanone	10.761	43	189382	89.572	ug/l	98
60) Dibromochloromethane	10.914	129	86657	18.588	ug/l	100
61) 1,2-Dibromoethane	11.018	107	62276	18.439	ug/l	95
64) Tetrachloroethene	10.652	164	118010	20.058	ug/l	97
65) Chlorobenzene	11.444	112	275122	20.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	90364	19.496	ug/l	98
67) Ethyl Benzene	11.517	91	491906	20.459	ug/l	99
68) m/p-Xylenes	11.627	106	374187	40.260	ug/l	99
69) o-Xylene	11.956	106	175335	20.021	ug/l	99
70) Styrene	11.969	104	284938	19.424	ug/l	100
71) Bromoform	12.133	173	45810	17.750	ug/l #	100
73) Isopropylbenzene	12.255	105	457101	21.287	ug/l	99
74) N-amyl acetate	12.072	43	90892	18.857	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	66265	19.147	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	93125	31.416	ug/l #	100
77) Bromobenzene	12.536	156	99212	20.383	ug/l	98
78) n-propylbenzene	12.597	91	559488	21.580	ug/l	99
79) 2-Chlorotoluene	12.682	91	307095	20.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	368172	21.239	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21577	18.390	ug/l	99
82) 4-Chlorotoluene	12.779	91	317965	20.666	ug/l	100
83) tert-Butylbenzene	12.999	119	327233	21.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	359527	20.716	ug/l	99
85) sec-Butylbenzene	13.176	105	489803	21.294	ug/l	99
86) p-Isopropyltoluene	13.291	119	402126	21.008	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	196424	20.094	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	193857	19.964	ug/l	99
89) n-Butylbenzene	13.615	91	377764	20.981	ug/l	99
90) Hexachloroethane	13.883	117	79506	20.854	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	168060	19.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10274	17.506	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	91175	18.746	ug/l	99
94) Hexachlorobutadiene	15.023	225	53888	19.593	ug/l	99
95) Naphthalene	15.145	128	147096	16.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	76954	18.310	ug/l	99

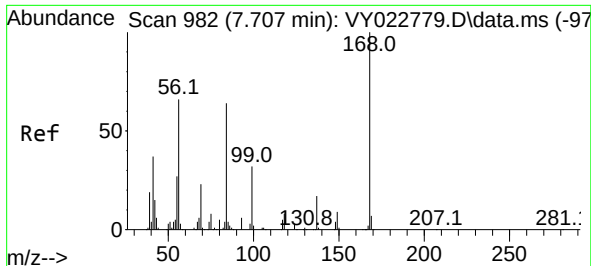
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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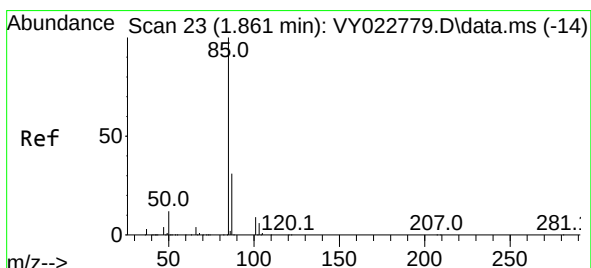
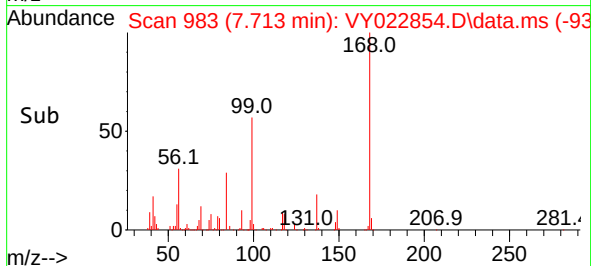
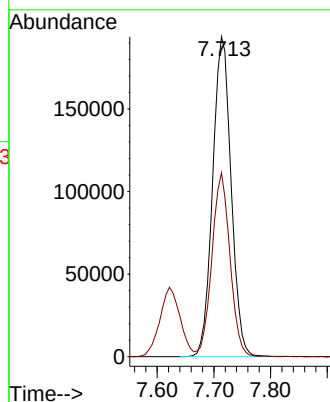
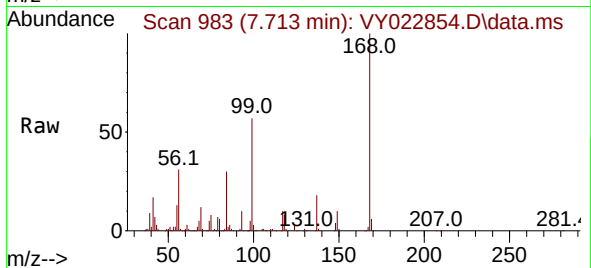
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

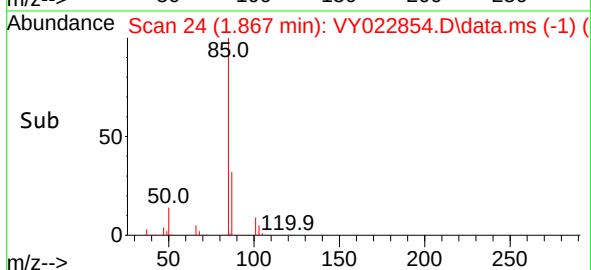
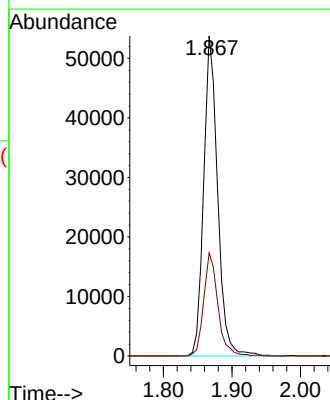
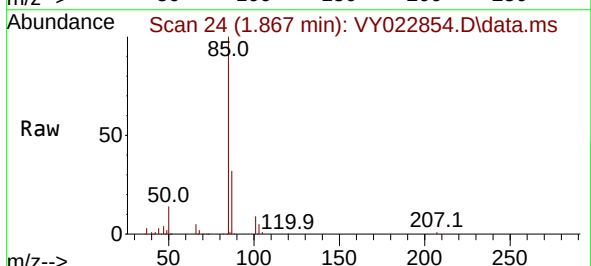
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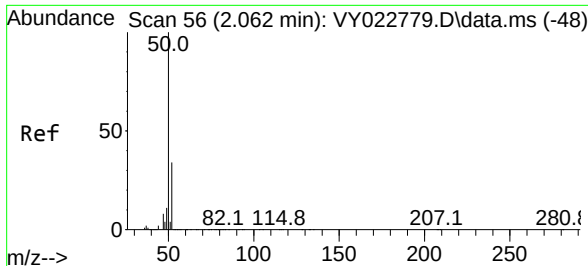
Tgt Ion:168 Resp: 438526
Ion Ratio Lower Upper
168 100
99 57.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.324 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 85 Resp: 76212
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0

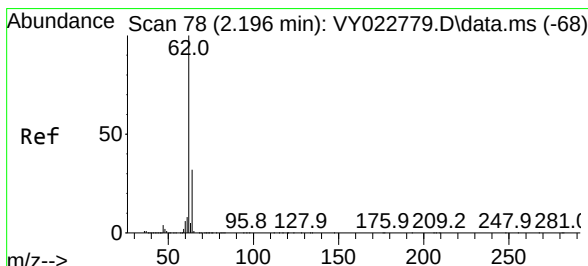
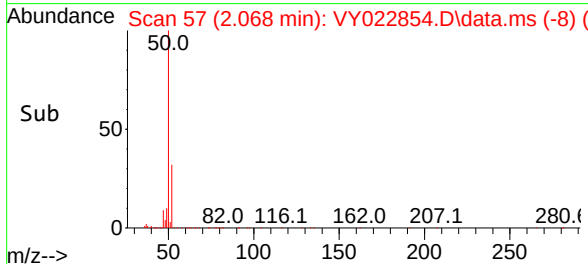
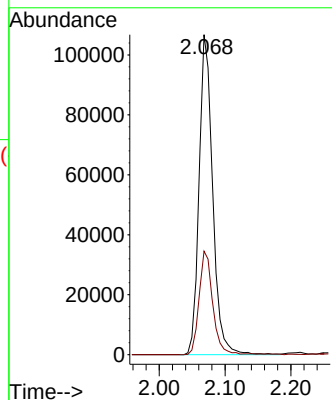
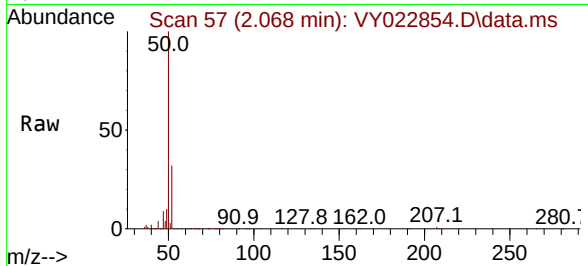




#3
Chloromethane
Concen: 21.392 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

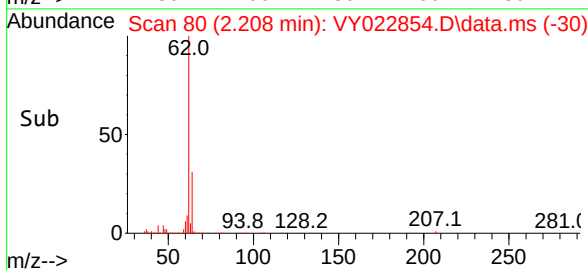
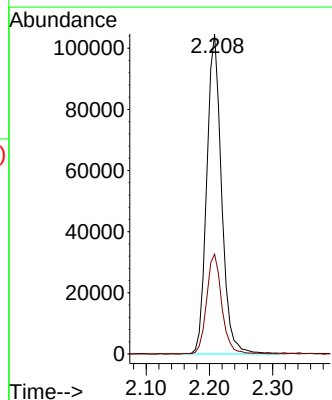
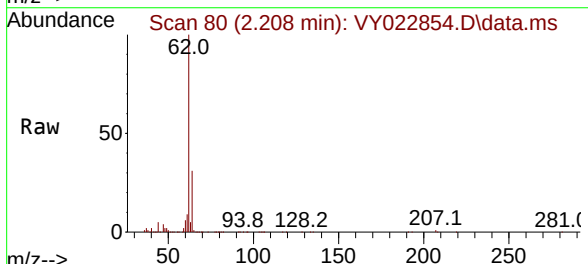
Instrument :
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ClientSampleId :
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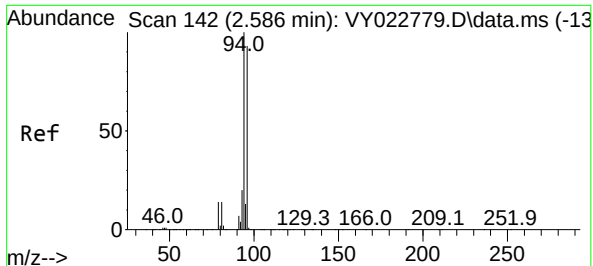
Tgt Ion: 50 Resp: 153177
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 19.067 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 62 Resp: 170566
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9

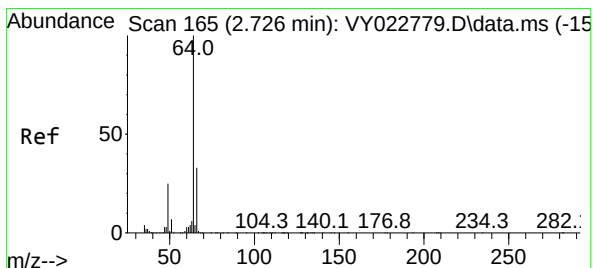
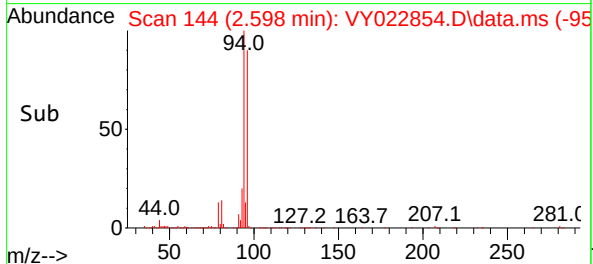
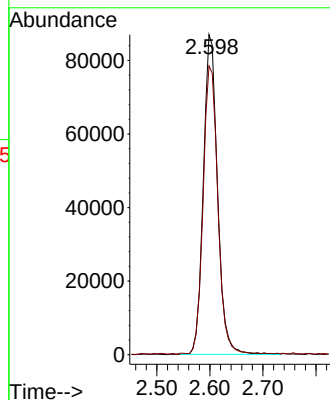
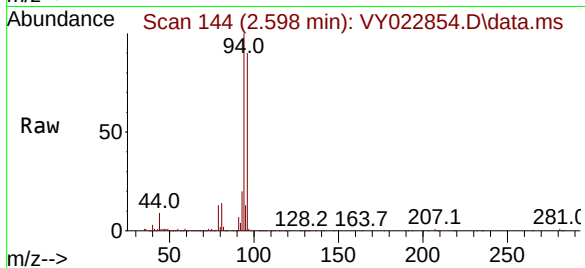




#5
Bromomethane
Concen: 22.916 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

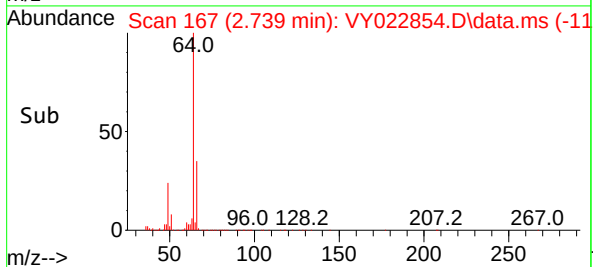
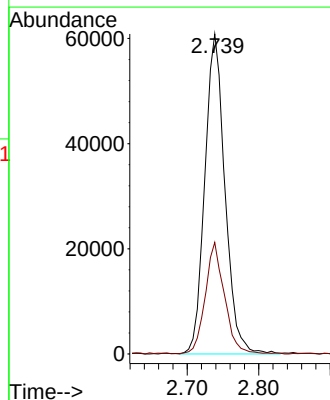
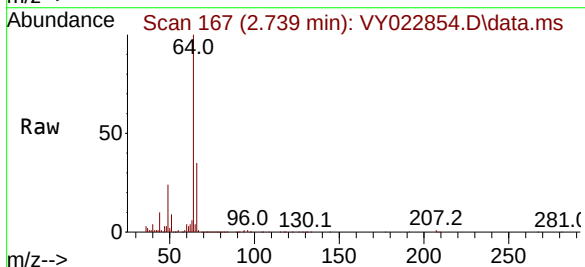
Instrument :
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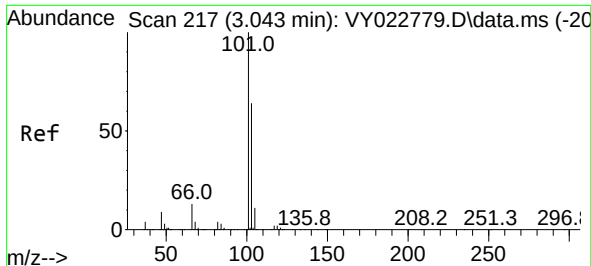
Tgt Ion: 94 Resp: 161162
Ion Ratio Lower Upper
94 100
96 90.0 74.0 111.0



#6
Chloroethane
Concen: 19.809 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 64 Resp: 119116
Ion Ratio Lower Upper
64 100
66 34.7 23.8 35.6

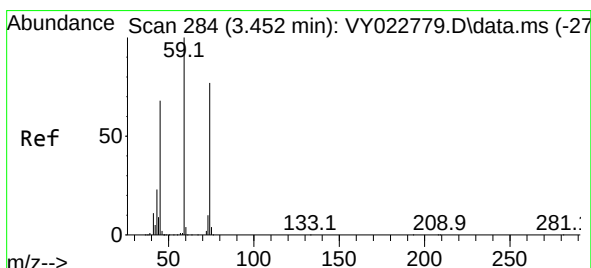
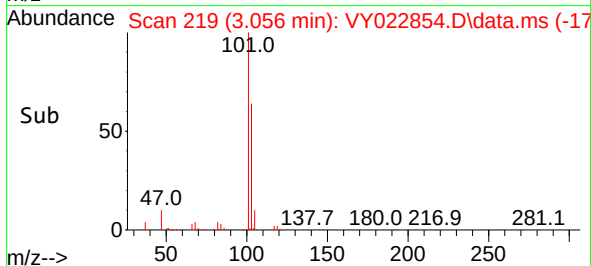
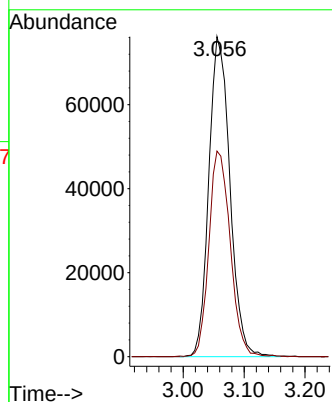
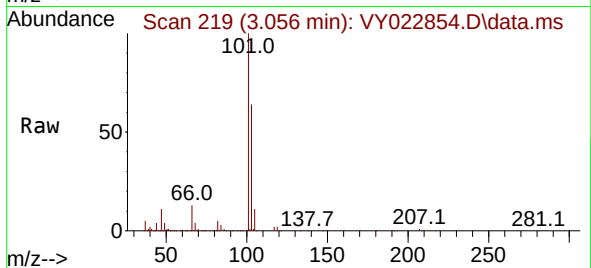




#7
 Trichlorofluoromethane
 Concen: 18.501 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

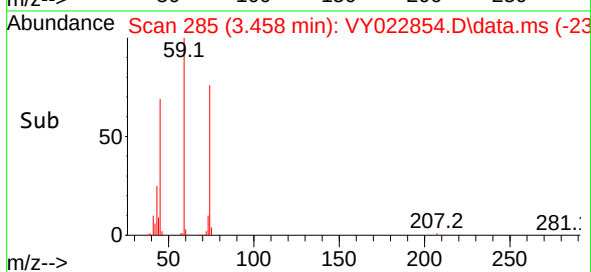
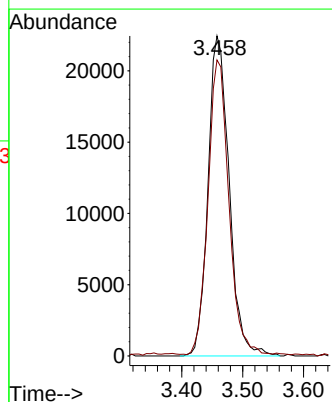
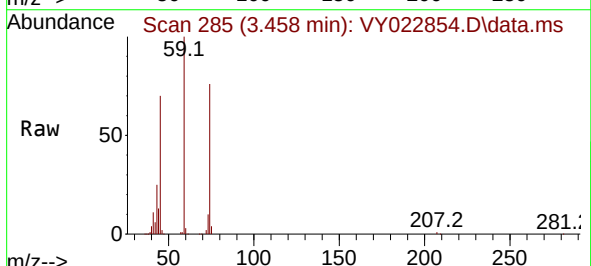
Instrument :
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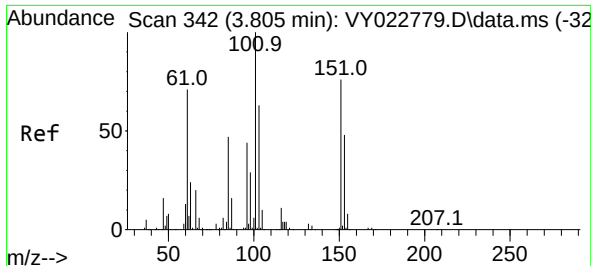
Tgt Ion:101 Resp: 183265
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 22.131 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

Tgt Ion: 74 Resp: 54143
 Ion Ratio Lower Upper
 74 100
 45 90.4 45.9 137.6

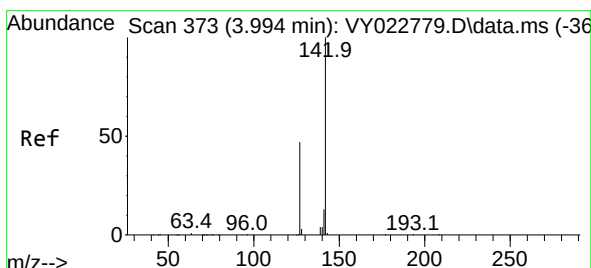
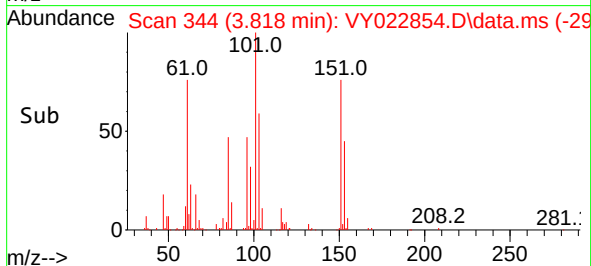
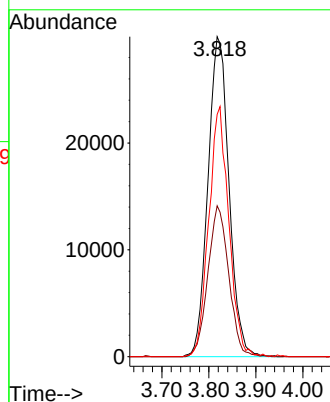
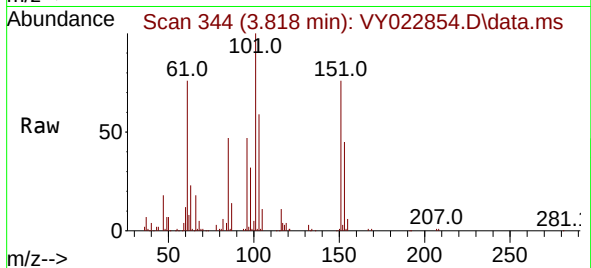




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.552 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

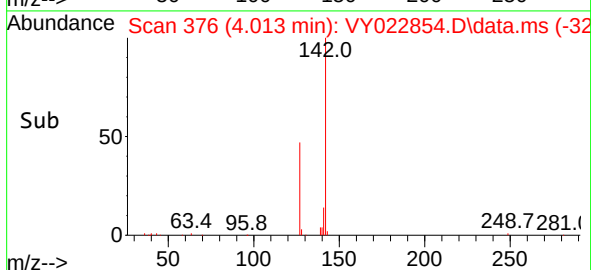
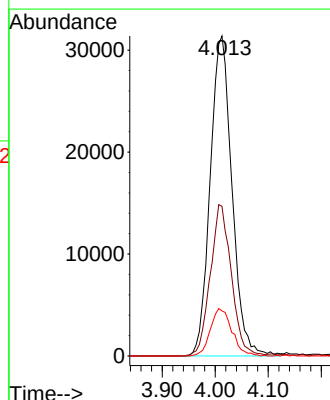
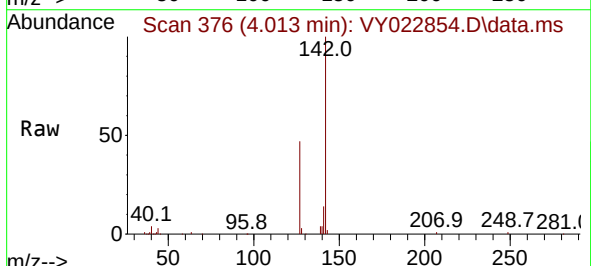
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

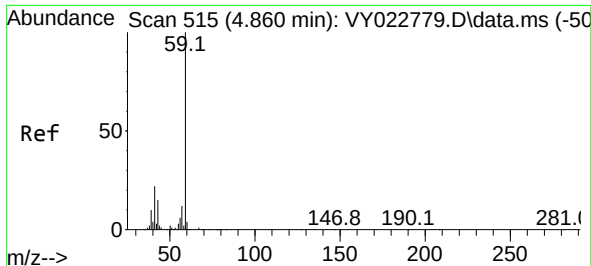
Tgt Ion:101 Resp: 93036
Ion Ratio Lower Upper
101 100
85 46.8 39.3 58.9
151 74.7 57.8 86.8



#10
Methyl Iodide
Concen: 18.213 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion:142 Resp: 89767
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 72.280 ug/l

RT: 4.897 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

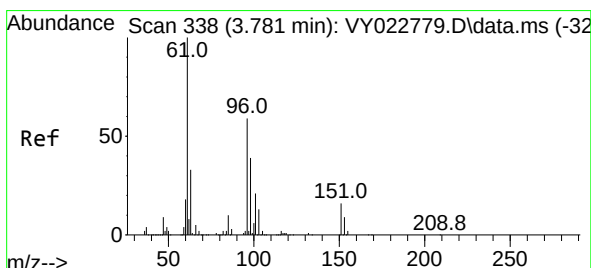
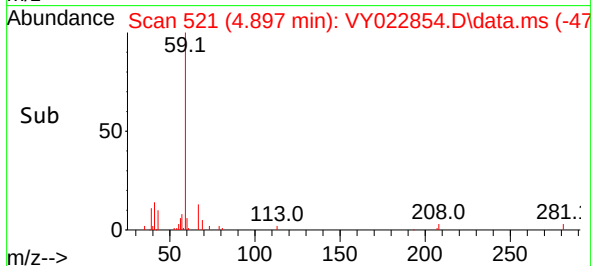
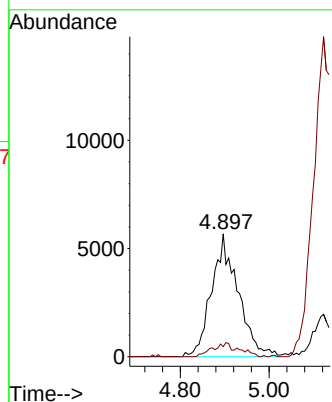
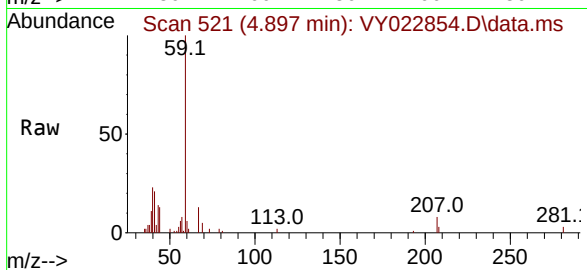
VY0627SBS01

Tgt Ion: 59 Resp: 23523

Ion Ratio Lower Upper

59 100

57 7.9 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 20.170 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

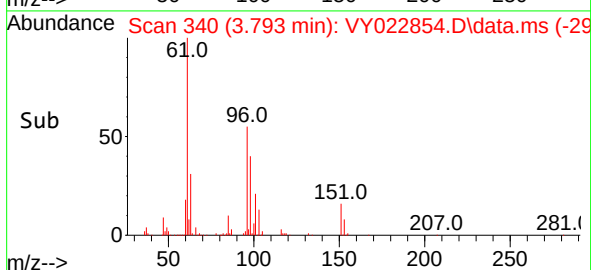
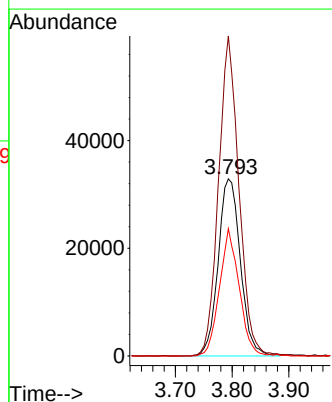
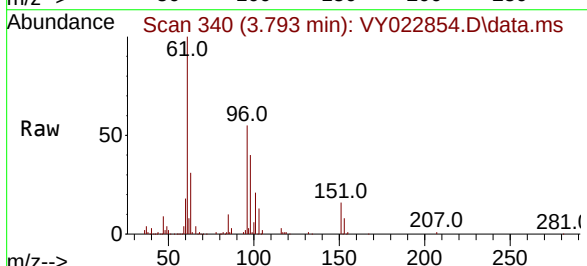
Tgt Ion: 96 Resp: 89530

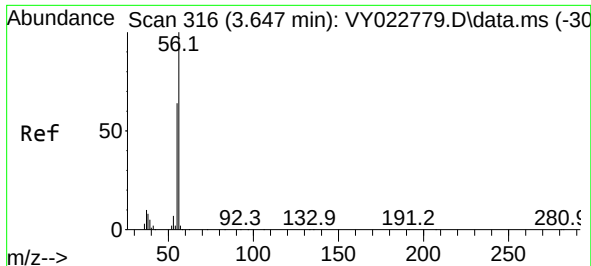
Ion Ratio Lower Upper

96 100

61 180.6 134.6 201.8

98 71.8 50.2 75.4

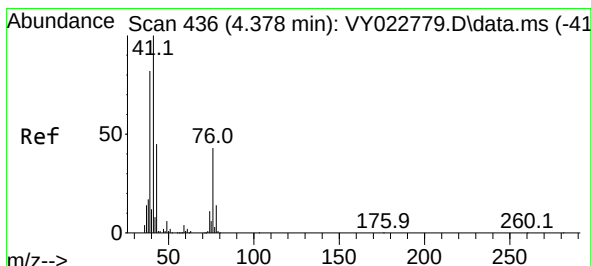
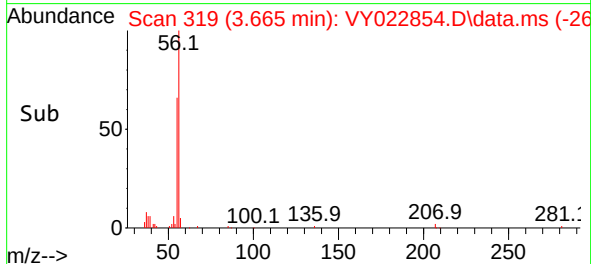
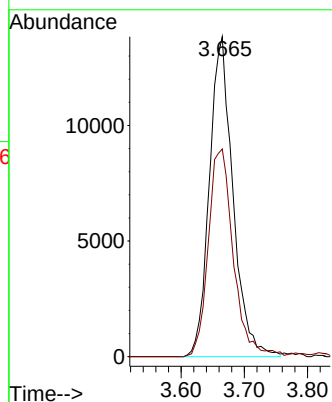
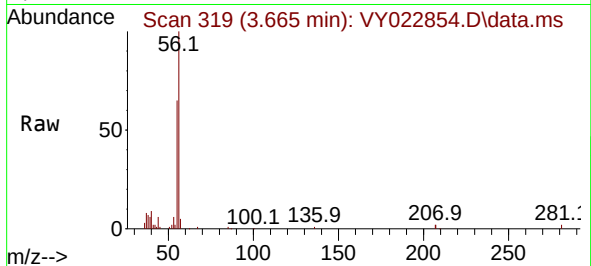




#13
Acrolein
Concen: 81.008 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

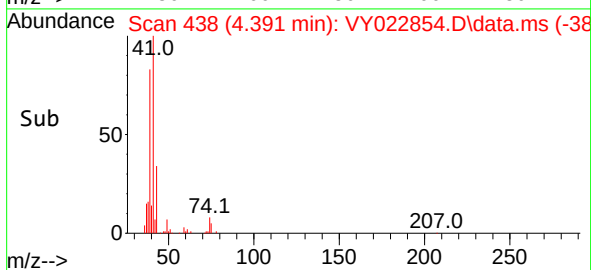
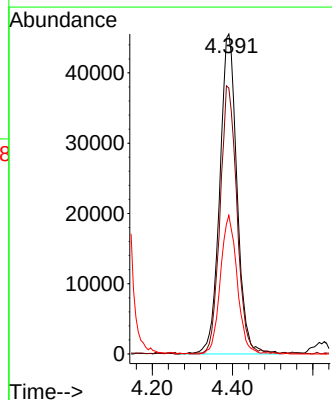
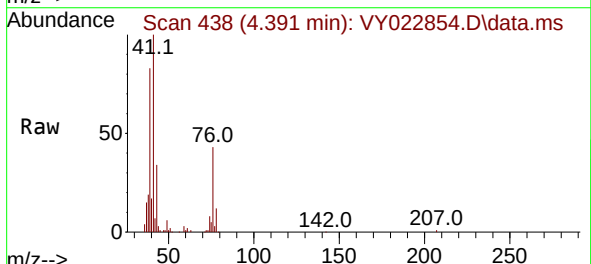
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

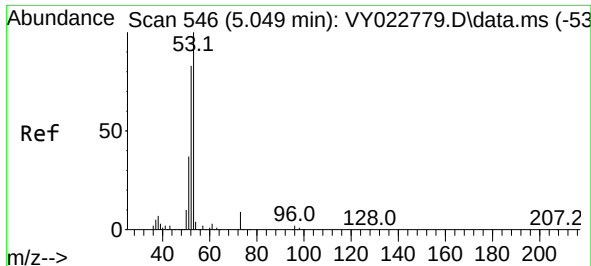
Tgt Ion: 56 Resp: 35749
Ion Ratio Lower Upper
56 100
55 68.9 57.0 85.6



#14
Allyl chloride
Concen: 19.929 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 41 Resp: 136062
Ion Ratio Lower Upper
41 100
39 82.2 69.1 103.7
76 42.1 33.5 50.3

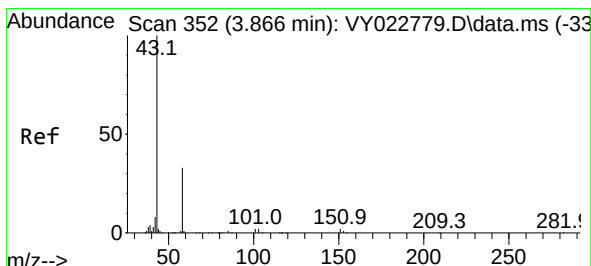
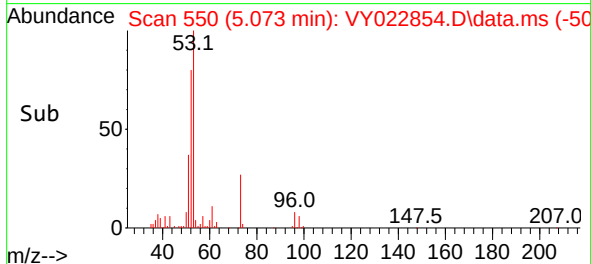
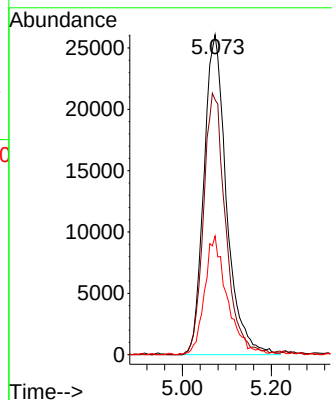
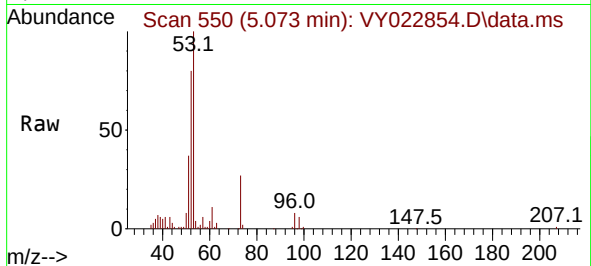




#15
Acrylonitrile
Concen: 90.431 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

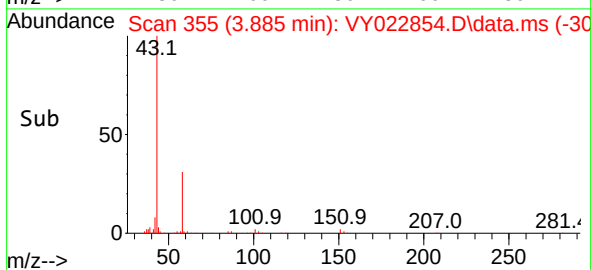
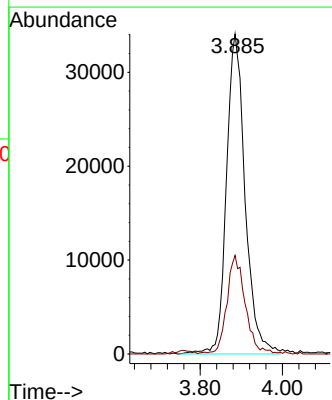
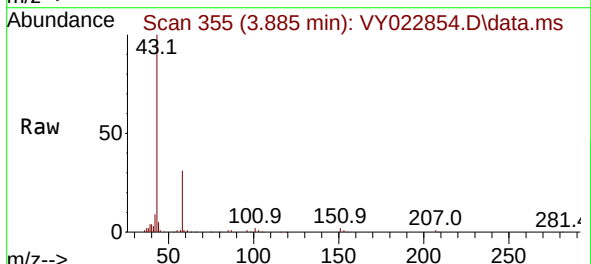
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

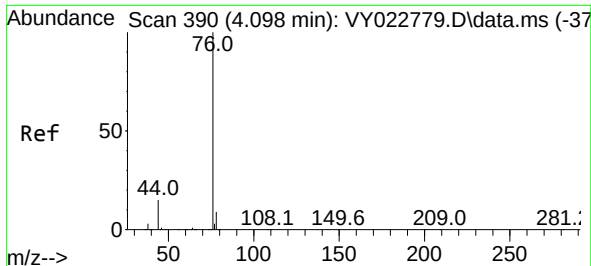
Tgt Ion: 53 Resp: 92308
Ion Ratio Lower Upper
53 100
52 80.1 65.7 98.5
51 37.3 30.1 45.1



#16
Acetone
Concen: 116.080 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 43 Resp: 107383
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0

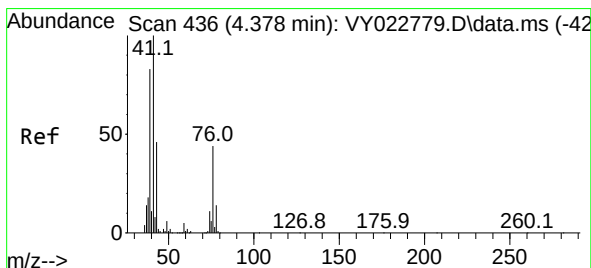
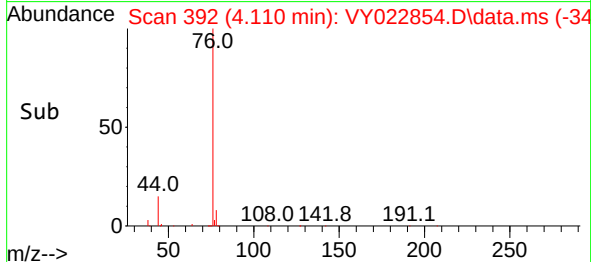
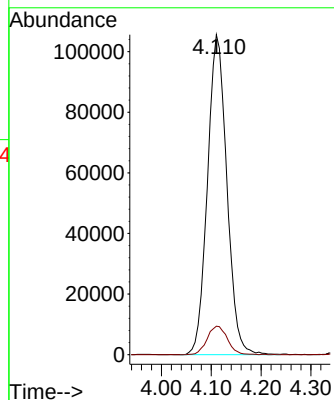
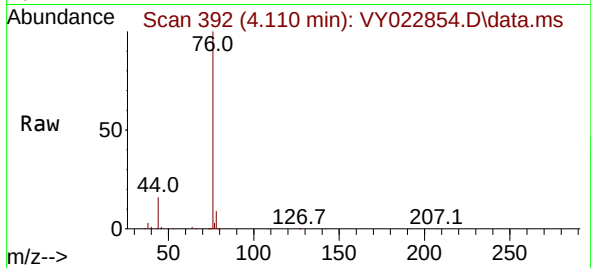




#17
Carbon Disulfide
Concen: 19.904 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

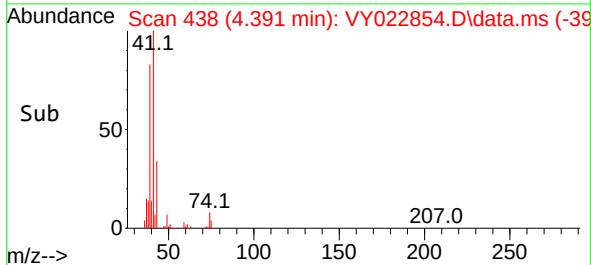
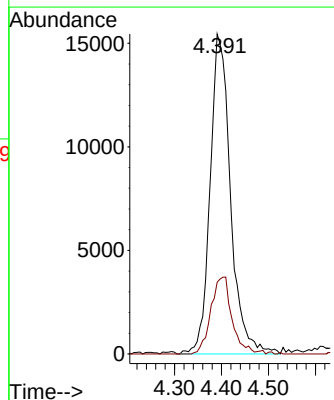
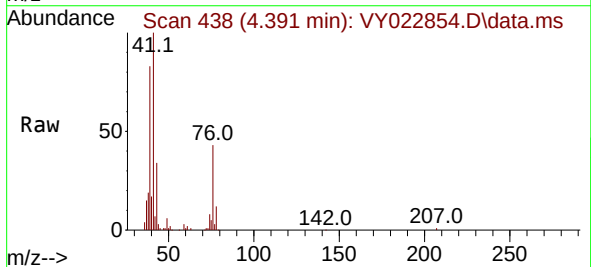
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

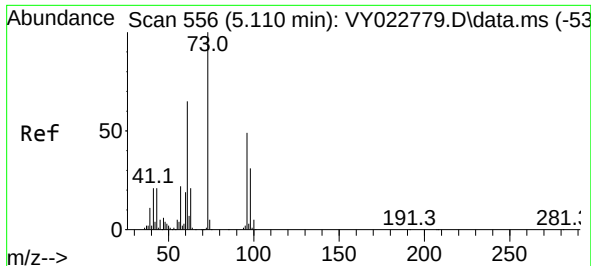
Tgt Ion: 76 Resp: 285409
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 15.212 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 43 Resp: 46604
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 18.973 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

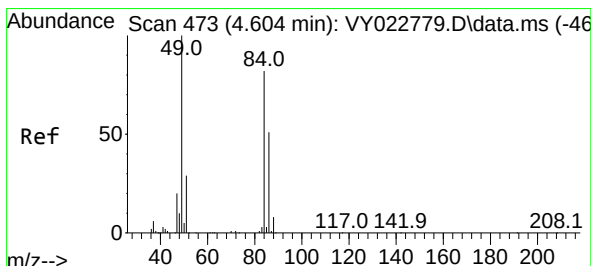
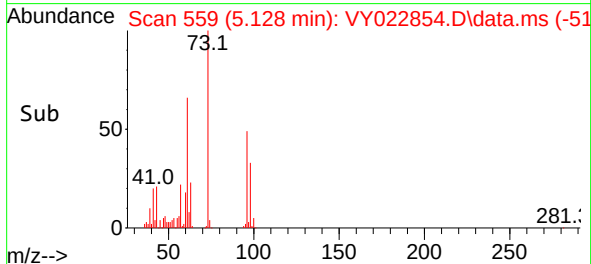
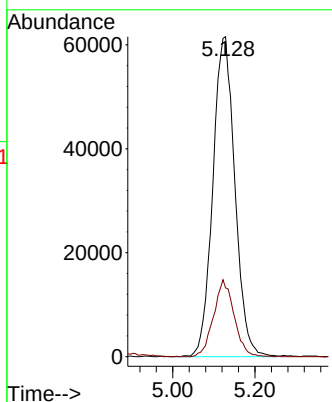
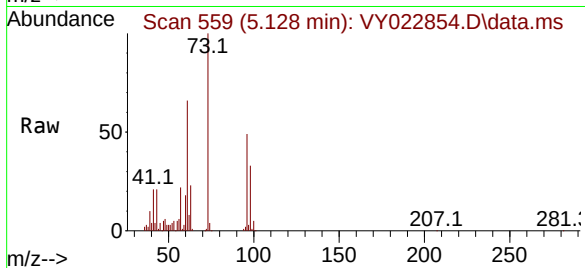
VY0627SBS01

Tgt Ion: 73 Resp: 229315

Ion Ratio Lower Upper

73 100

57 21.4 17.4 26.0



#20

Methylene Chloride

Concen: 23.277 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Tgt Ion: 84 Resp: 135989

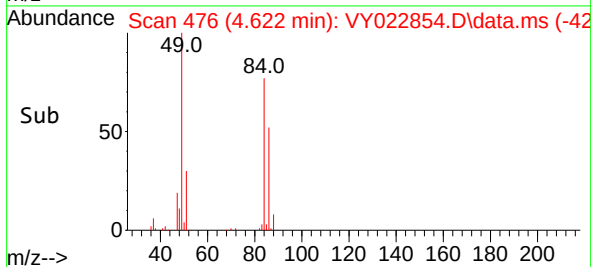
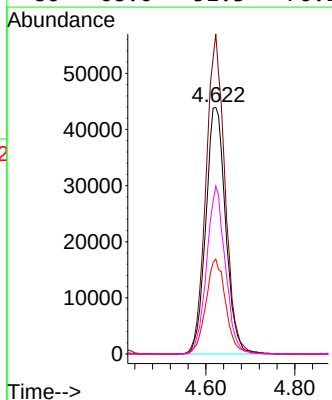
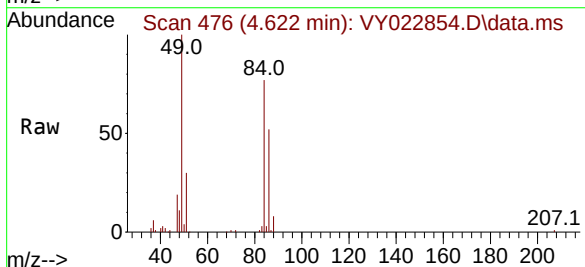
Ion Ratio Lower Upper

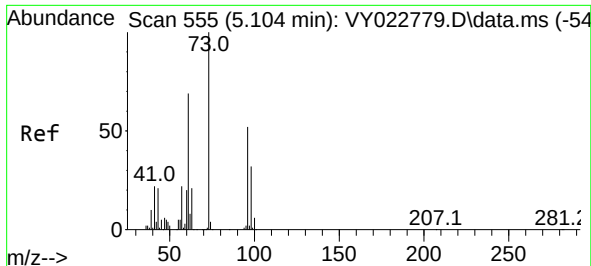
84 100

49 129.7 101.9 152.9

51 38.4 29.8 44.8

86 68.0 51.3 76.9

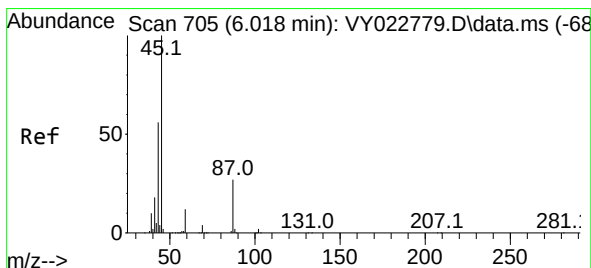
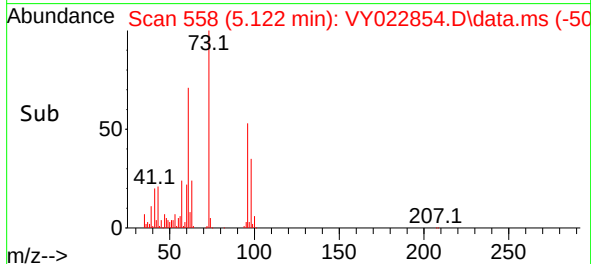
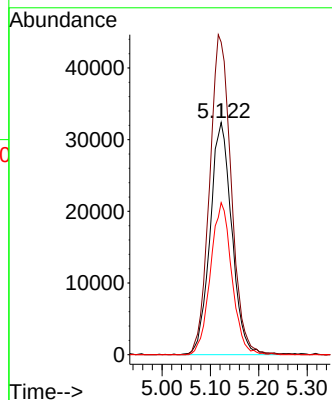
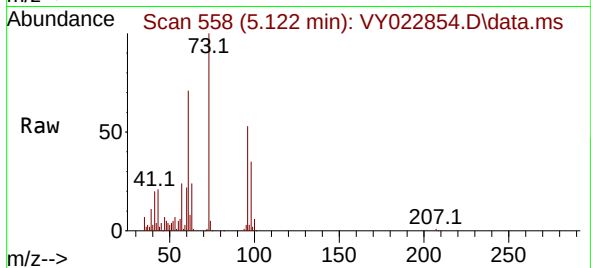




#21
trans-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

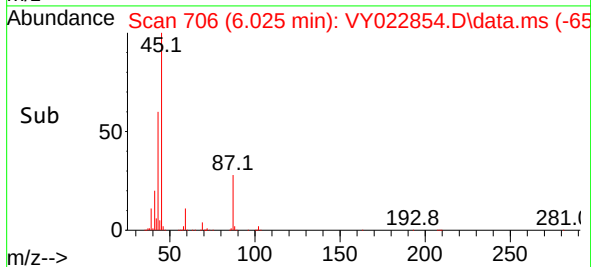
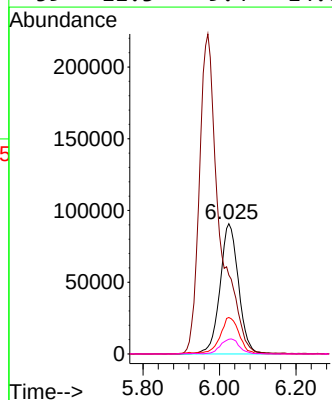
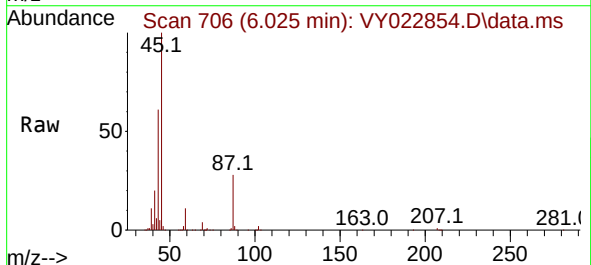
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

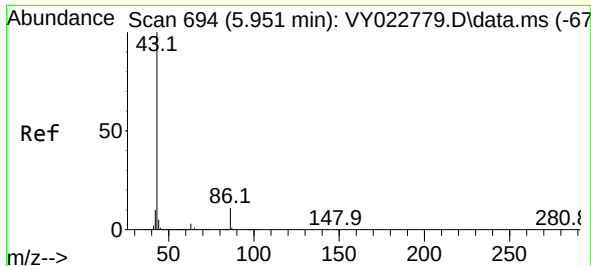
Tgt Ion: 96 Resp: 101113
Ion Ratio Lower Upper
96 100
61 134.6 112.6 169.0
98 65.4 50.6 75.8



#22
Diisopropyl ether
Concen: 20.095 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 45 Resp: 304677
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 27.9 23.0 34.6
59 11.3 9.4 14.0

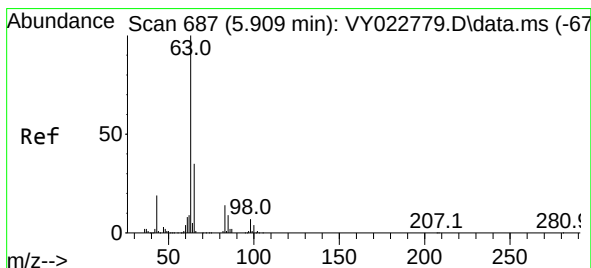
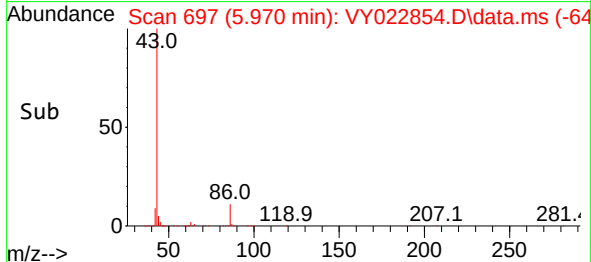
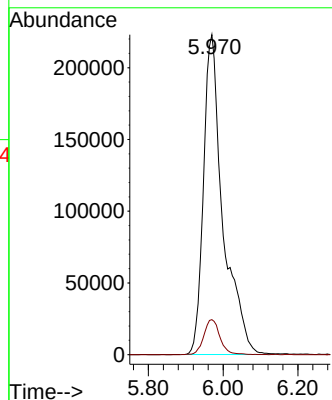
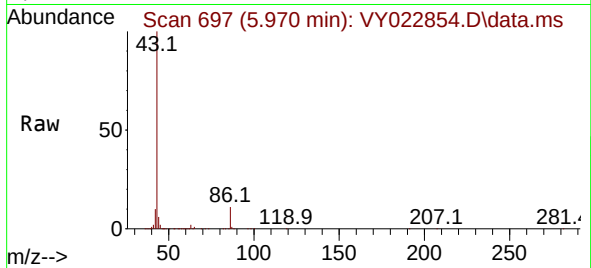




#23
 Vinyl Acetate
 Concen: 96.478 ug/l
 RT: 5.970 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

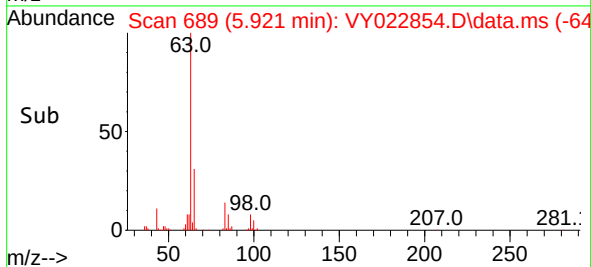
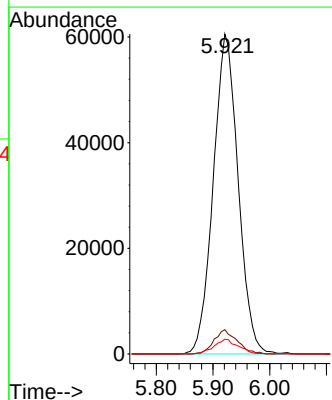
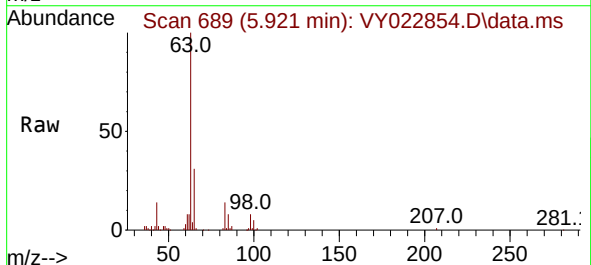
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

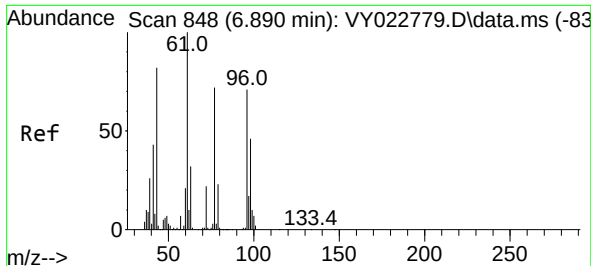
Tgt Ion: 43 Resp: 807894
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.101 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

Tgt Ion: 63 Resp: 184095
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 4.6 2.1 6.3

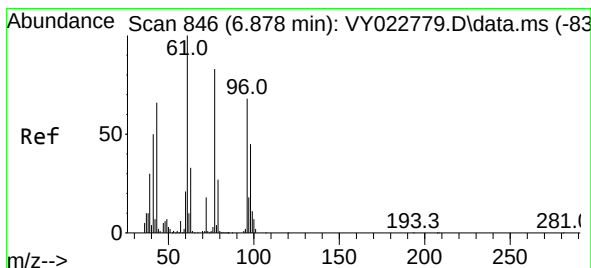
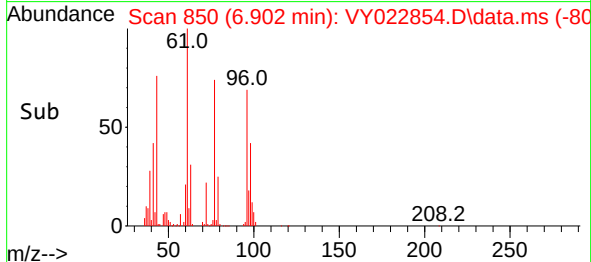
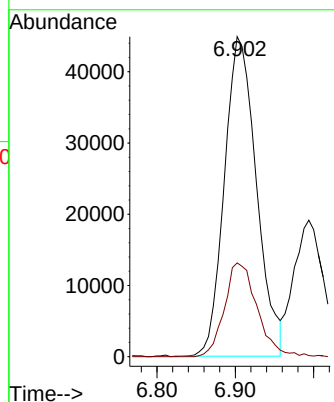
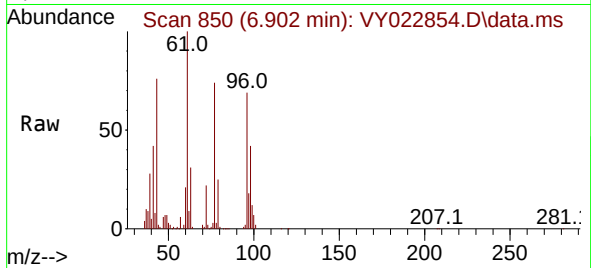




#25
2-Butanone
Concen: 94.892 ug/l
RT: 6.902 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

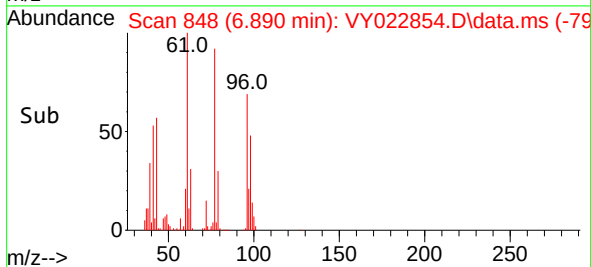
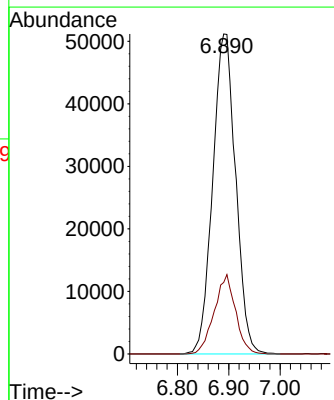
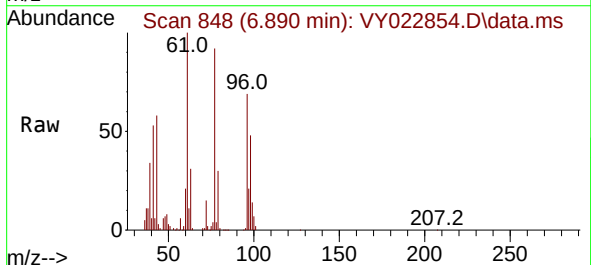
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

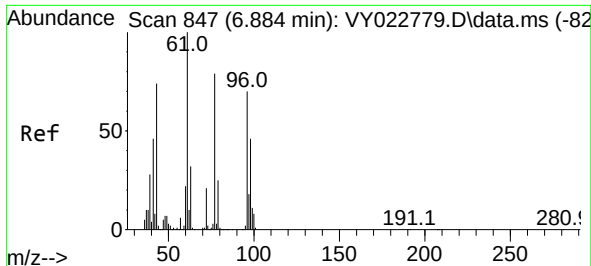
Tgt Ion: 43 Resp: 127761
Ion Ratio Lower Upper
43 100
72 29.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.656 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 77 Resp: 158572
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2

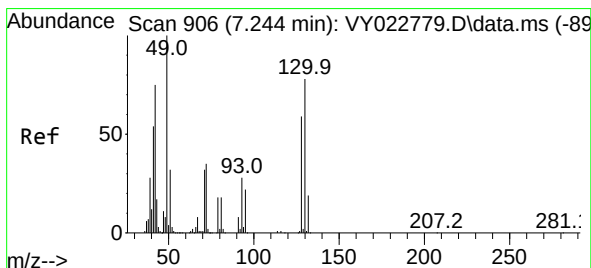
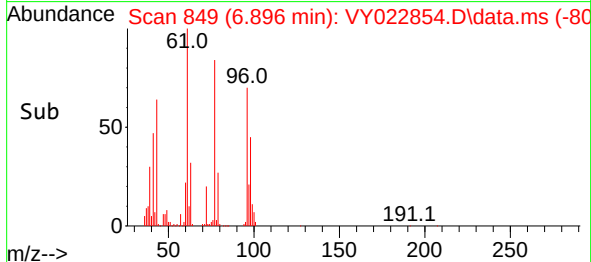
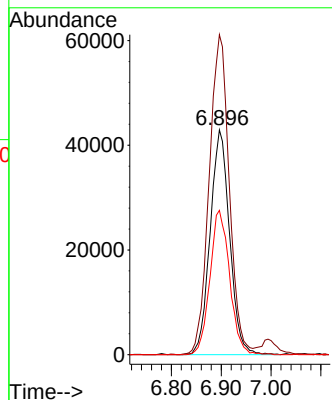
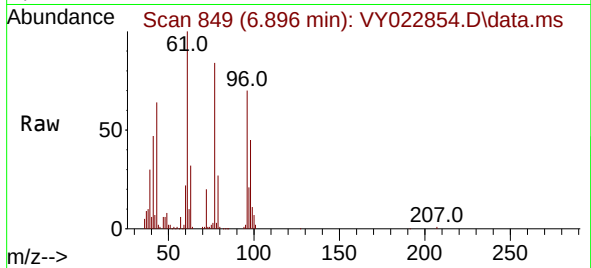




#27
 cis-1,2-Dichloroethene
 Concen: 19.750 ug/l
 RT: 6.896 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

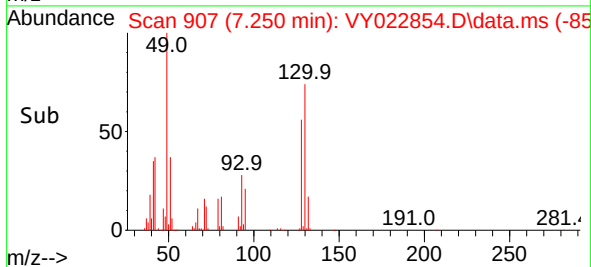
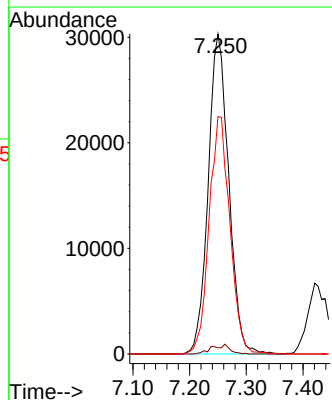
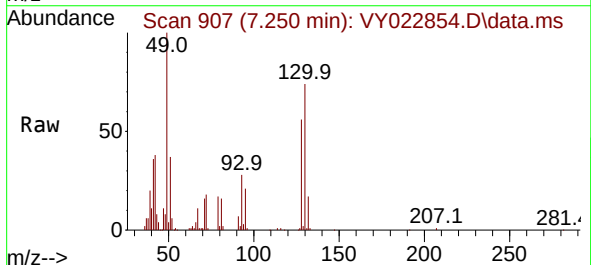
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

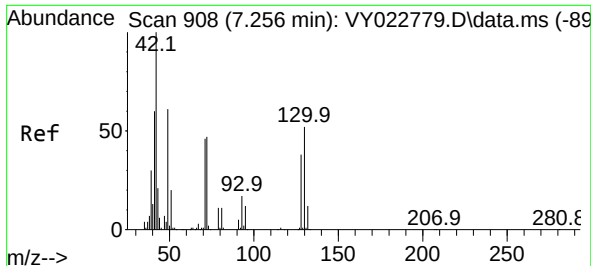
Tgt Ion: 96 Resp: 116421
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 290.0
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.804 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY022854.D
 Acq: 27 Jun 2025 12:00

Tgt Ion: 49 Resp: 76249
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.6
 130 75.2 55.7 83.5

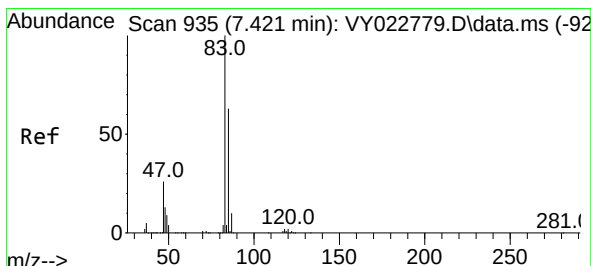
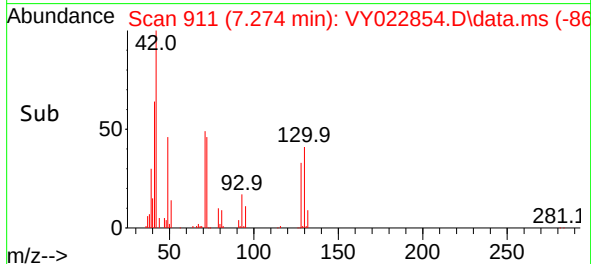
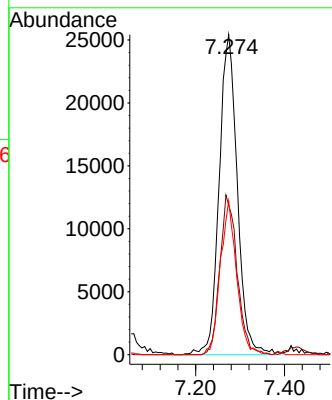
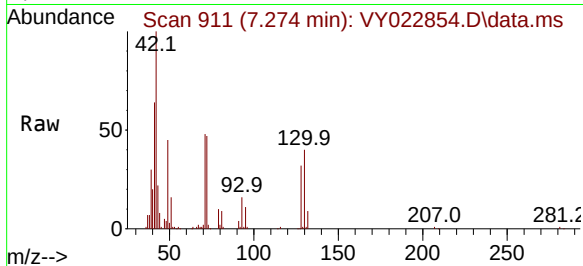




#29
Tetrahydrofuran
Concen: 84.687 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

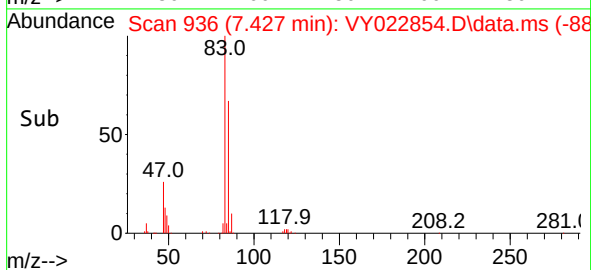
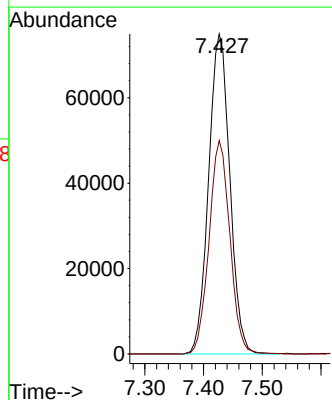
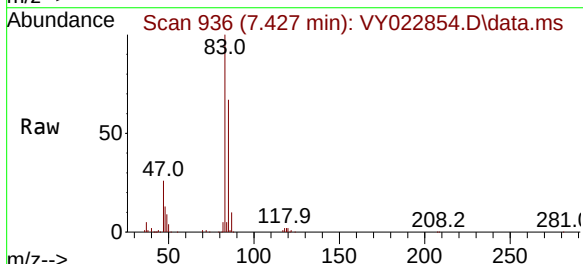
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

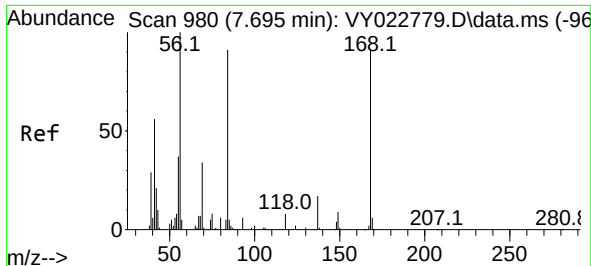
Tgt Ion: 42 Resp: 71998
Ion Ratio Lower Upper
42 100
72 47.6 37.4 56.2
71 43.2 34.2 51.2



#30
Chloroform
Concen: 19.907 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 83 Resp: 187777
Ion Ratio Lower Upper
83 100
85 66.7 54.2 81.4

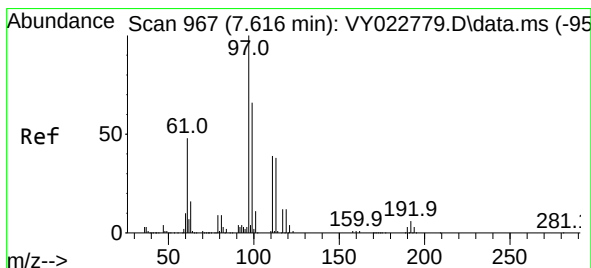
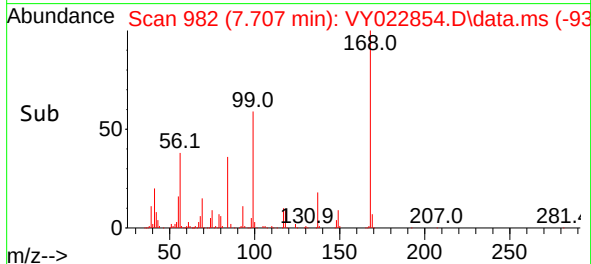
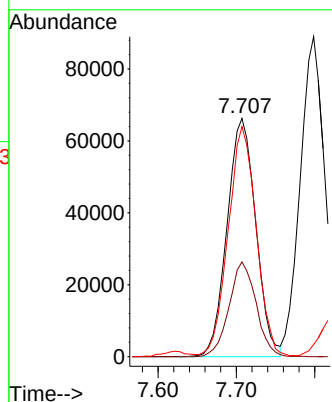
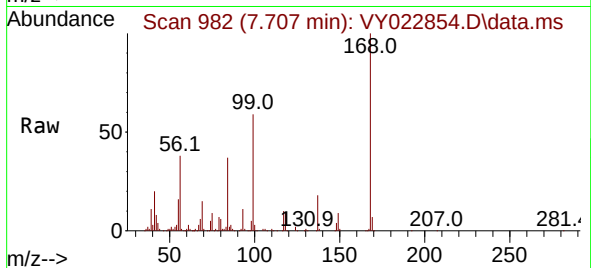




#31
Cyclohexane
Concen: 20.052 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

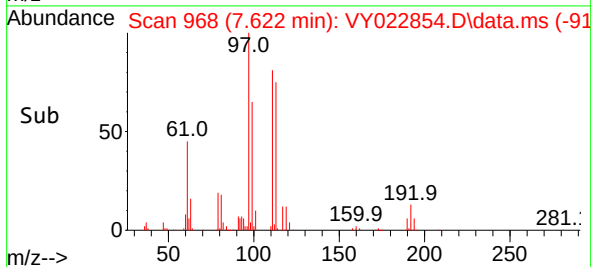
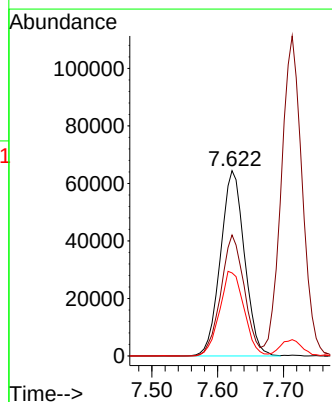
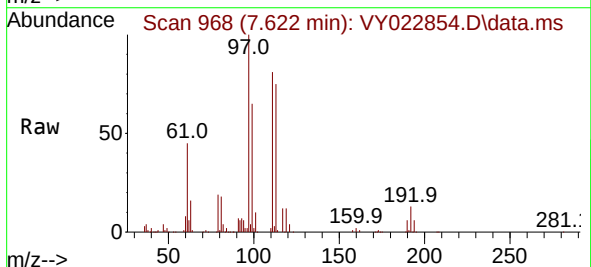
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

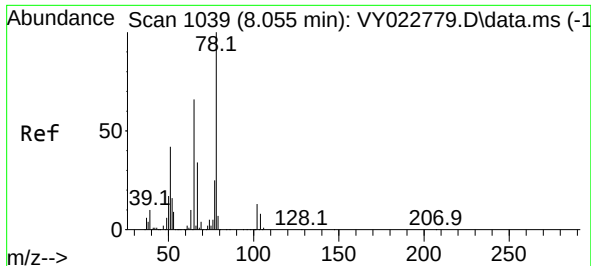
Tgt Ion: 56 Resp: 168575
Ion Ratio Lower Upper
56 100
69 39.8 27.0 40.6
84 94.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.087 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 97 Resp: 163737
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 46.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.484 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

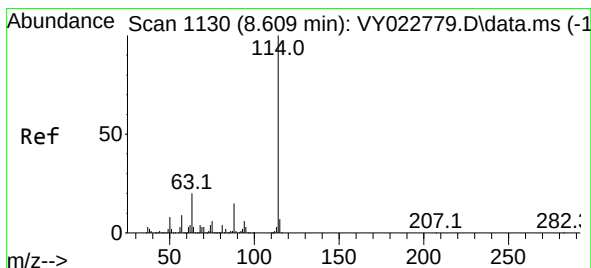
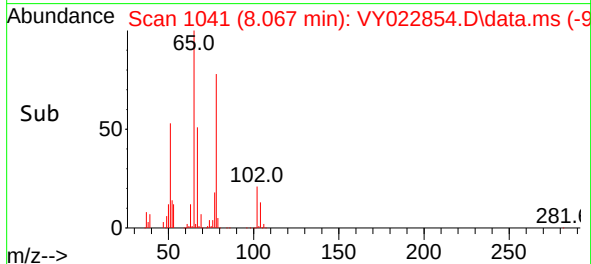
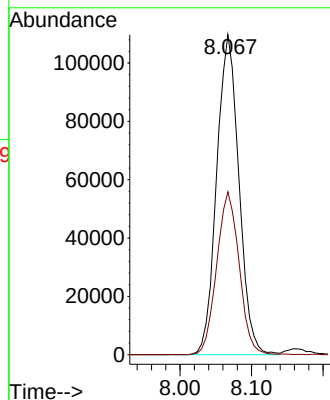
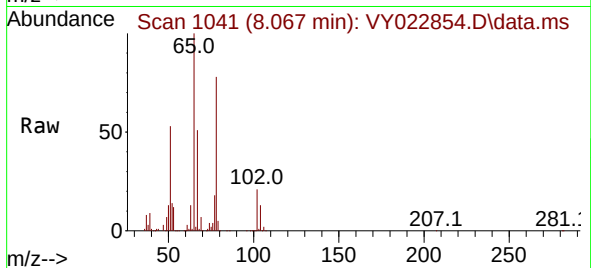
VY0627SBS01

Tgt Ion: 65 Resp: 237300

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

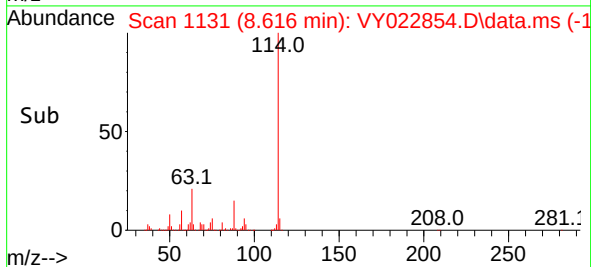
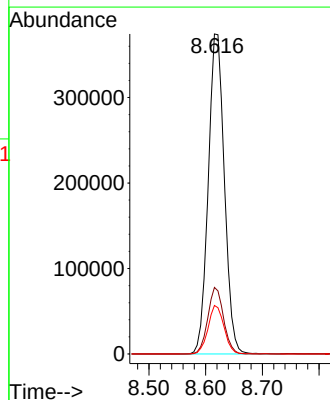
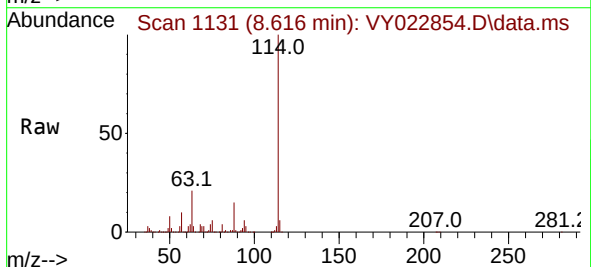
Tgt Ion: 114 Resp: 740220

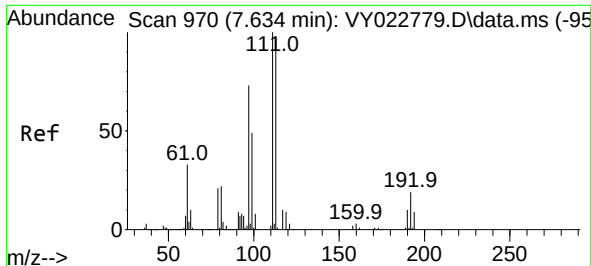
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.2 0.0 27.8

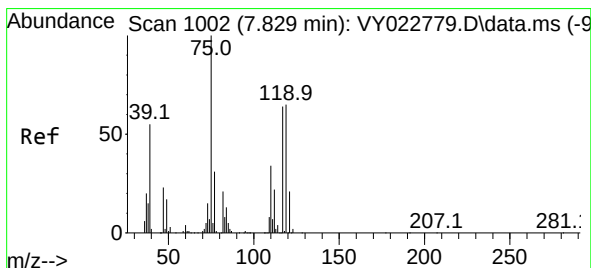
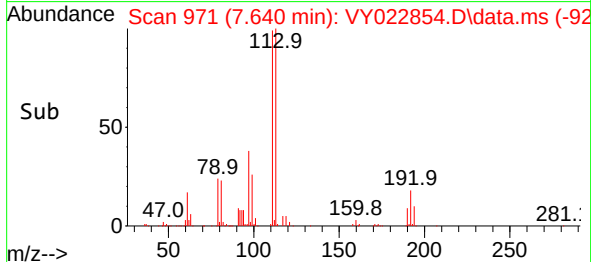
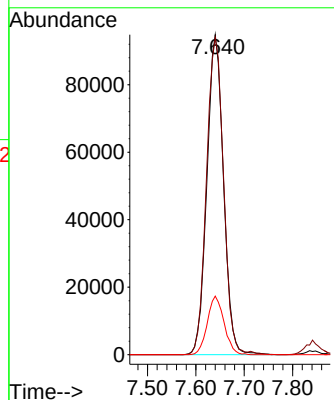
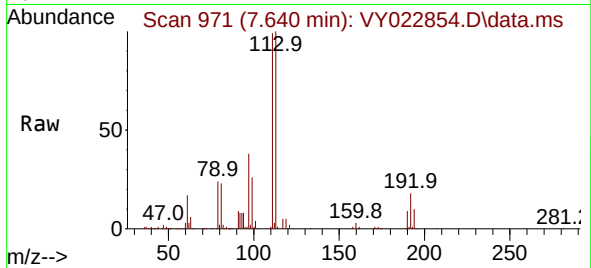




#35
Dibromofluoromethane
Concen: 50.295 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

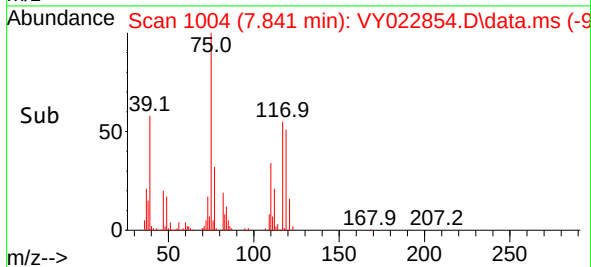
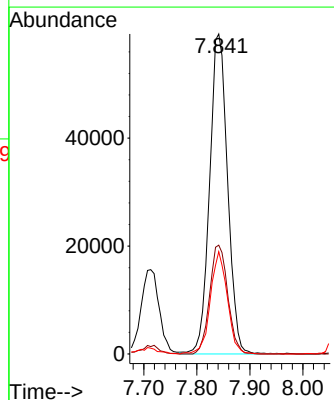
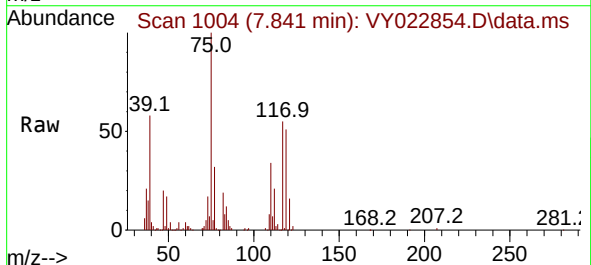
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

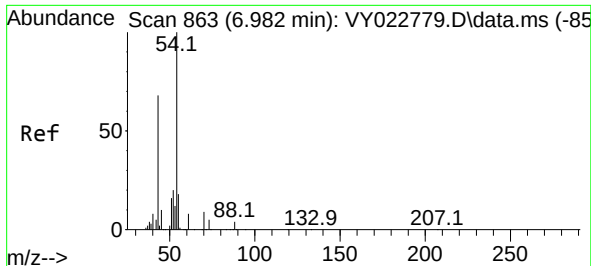
Tgt Ion:113 Resp: 226412
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.488 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 75 Resp: 139795
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.7
77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 18.210 ug/l

RT: 6.994 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

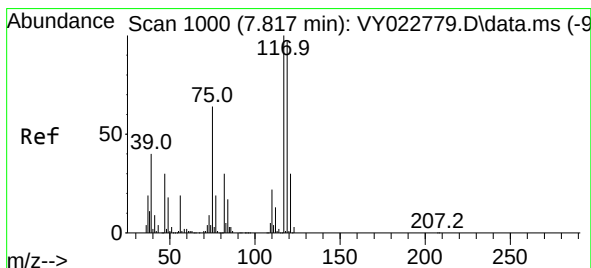
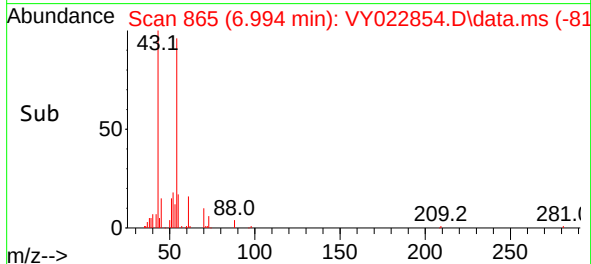
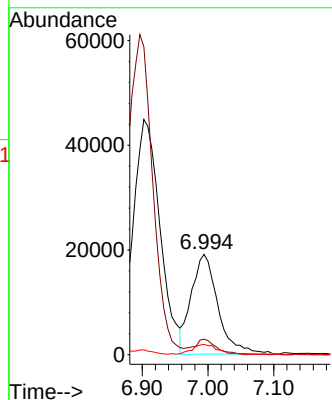
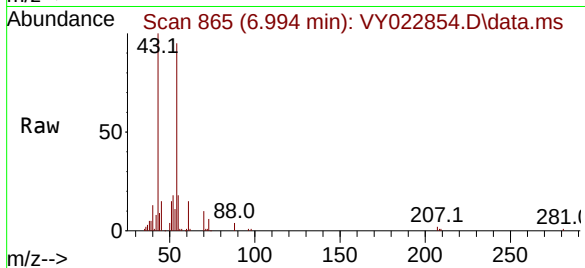
Tgt Ion: 43 Resp: 53619

Ion Ratio Lower Upper

43 100

61 12.7 11.5 17.3

70 9.9 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.674 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

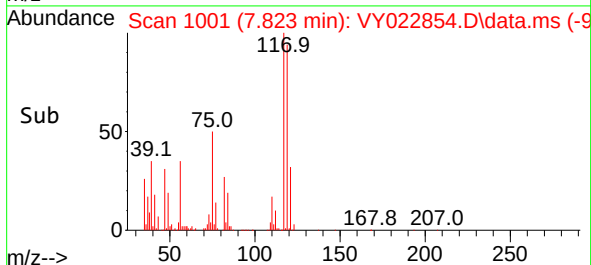
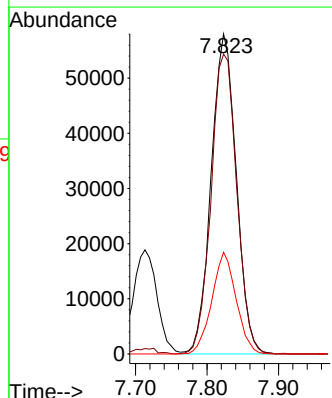
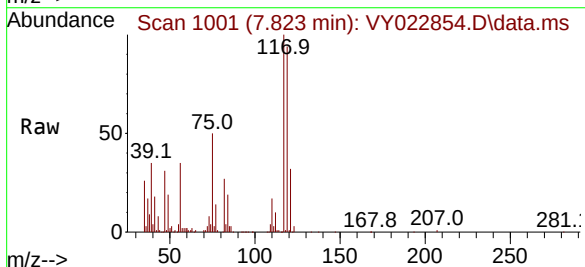
Tgt Ion:117 Resp: 141643

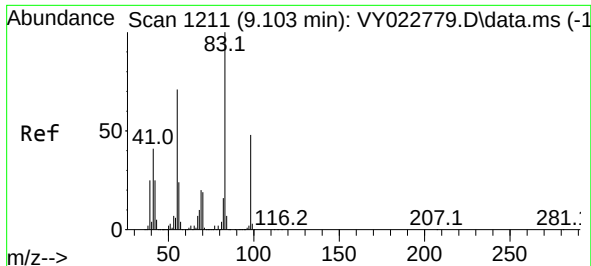
Ion Ratio Lower Upper

117 100

119 93.5 75.0 112.6

121 31.8 25.0 37.4





#39

Methylcyclohexane

Concen: 20.108 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

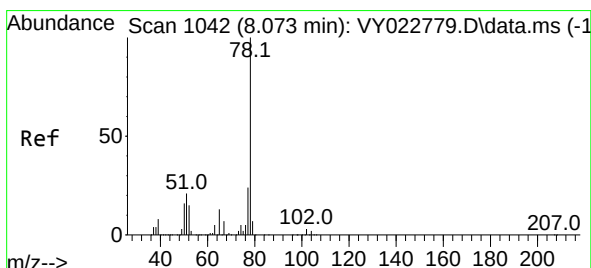
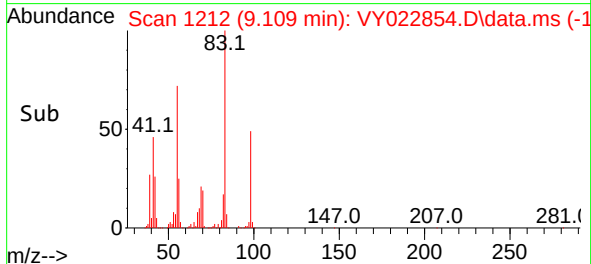
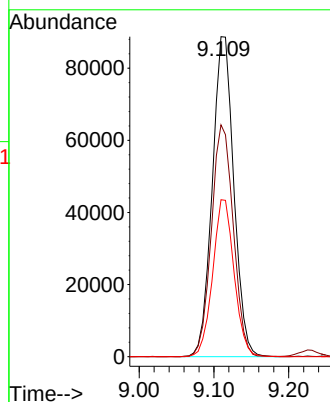
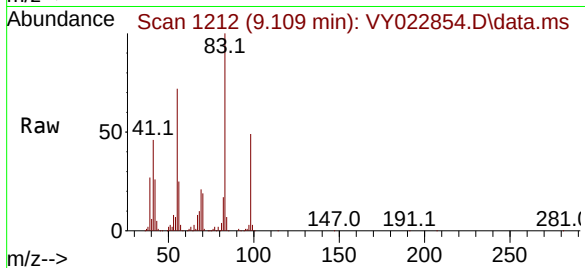
Tgt Ion: 83 Resp: 177560

Ion Ratio Lower Upper

83 100

55 72.5 58.1 87.1

98 49.1 39.0 58.6



#40

Benzene

Concen: 19.924 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022854.D

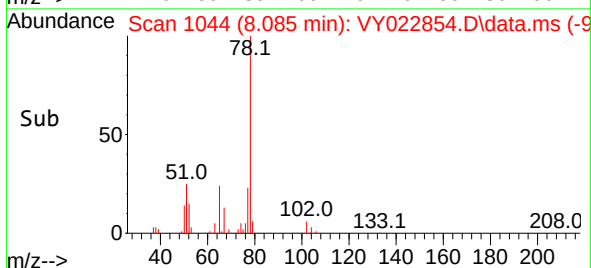
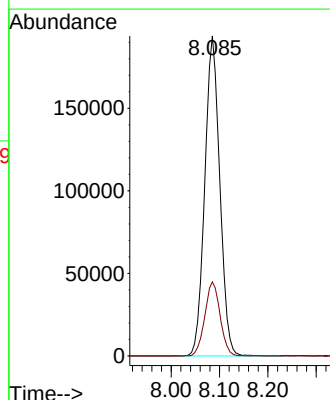
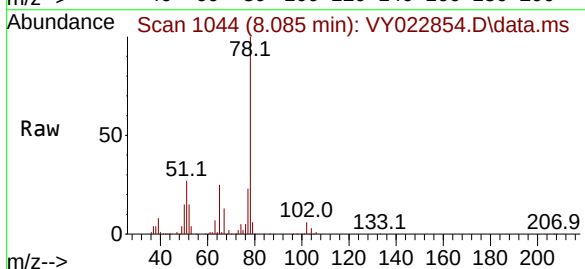
Acq: 27 Jun 2025 12:00

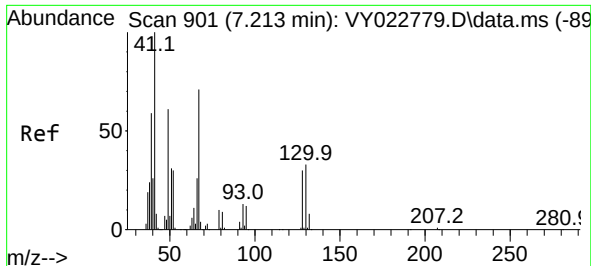
Tgt Ion: 78 Resp: 417986

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9

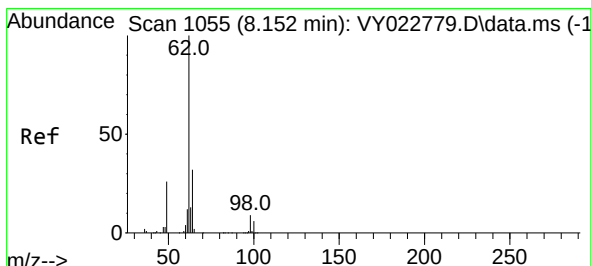
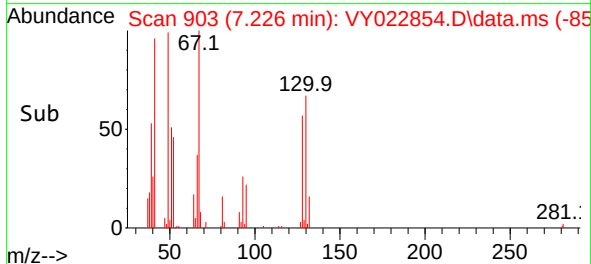
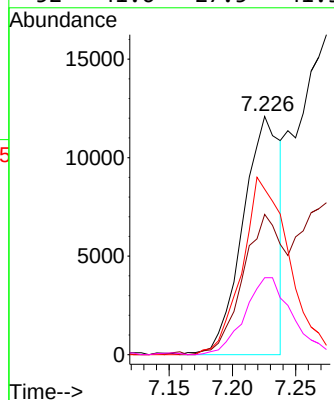
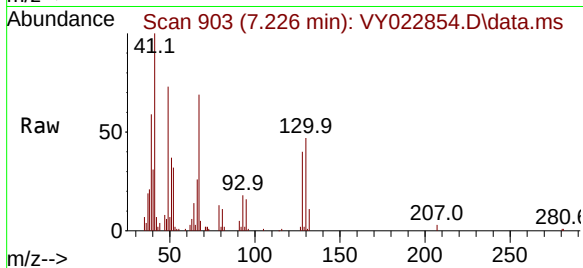




#41
Methacrylonitrile
Concen: 13.677 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

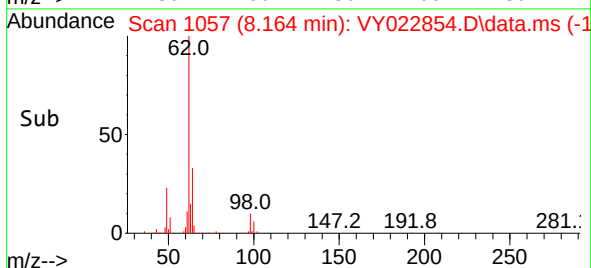
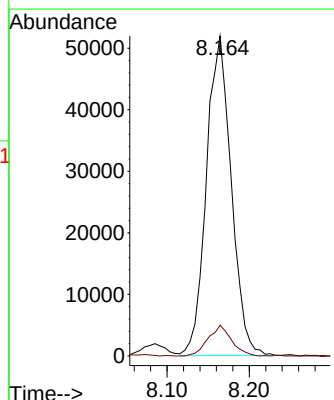
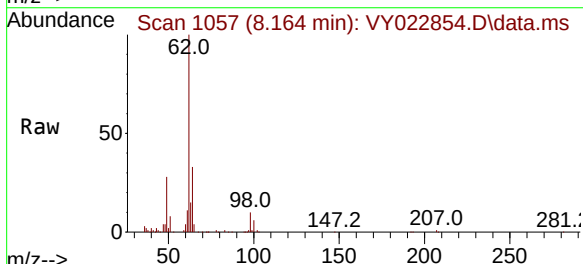
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

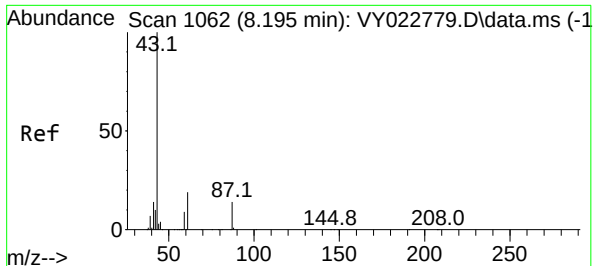
Tgt Ion: 41 Resp: 24791
Ion Ratio Lower Upper
41 100
39 65.2 46.6 69.8
67 94.6 63.3 94.9
52 41.6 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 18.971 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 62 Resp: 109060
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43

Isopropyl Acetate

Concen: 17.333 ug/l

RT: 8.207 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

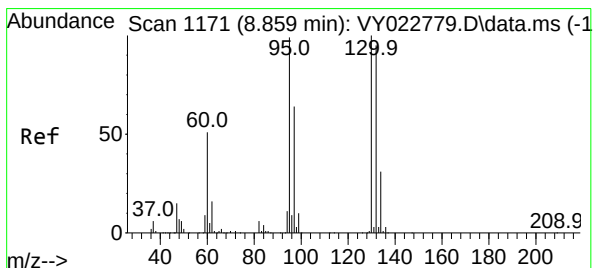
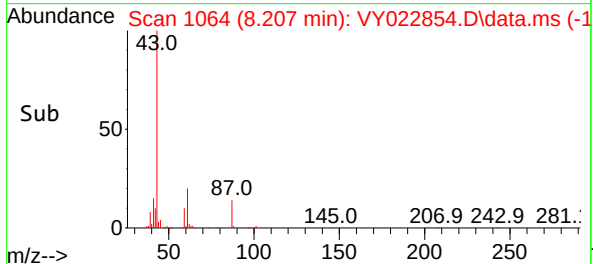
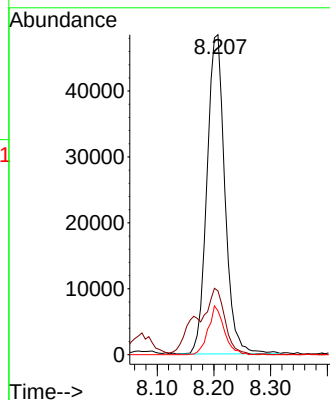
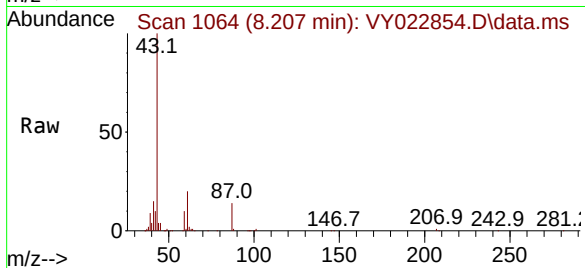
Tgt Ion: 43 Resp: 106074

Ion Ratio Lower Upper

43 100

61 21.2 15.6 23.4

87 13.7 10.2 15.4



#44

Trichloroethene

Concen: 19.858 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022854.D

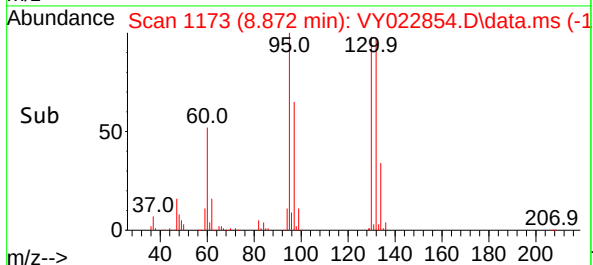
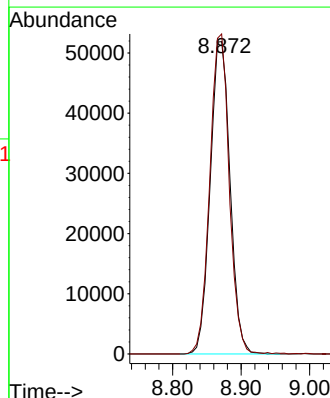
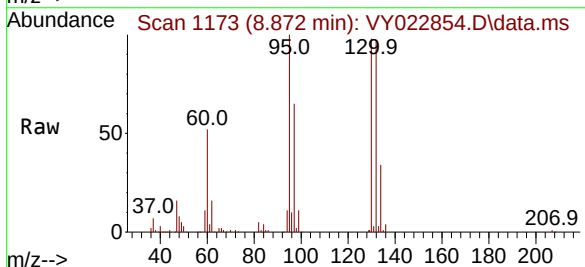
Acq: 27 Jun 2025 12:00

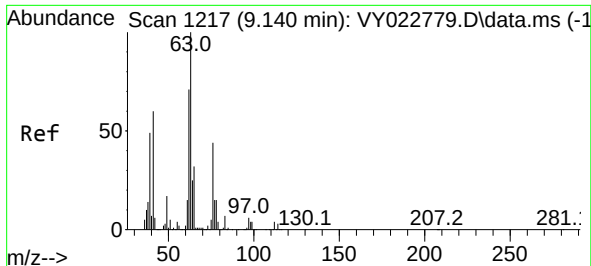
Tgt Ion:130 Resp: 104596

Ion Ratio Lower Upper

130 100

95 102.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 19.691 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

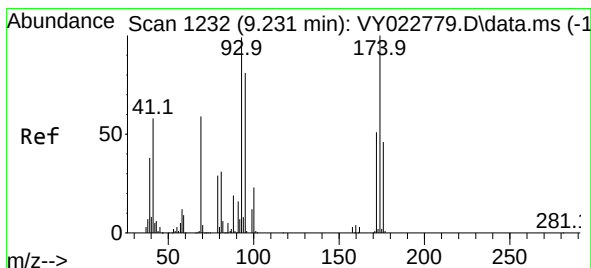
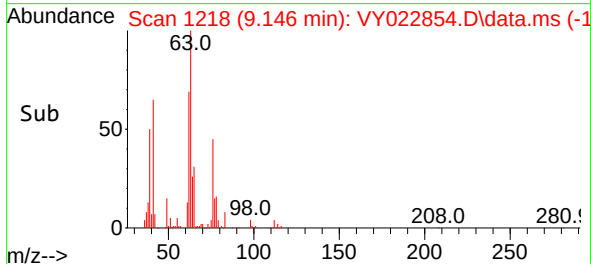
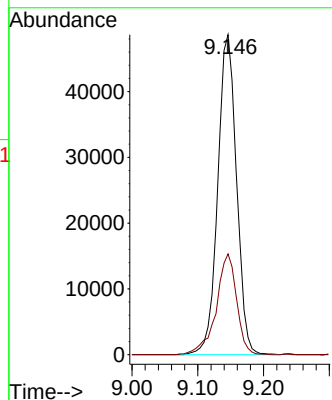
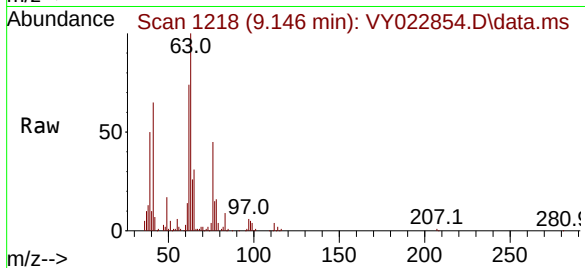
VY0627SBS01

Tgt Ion: 63 Resp: 96682

Ion Ratio Lower Upper

63 100

65 31.5 24.0 36.0



#46

Dibromomethane

Concen: 18.952 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

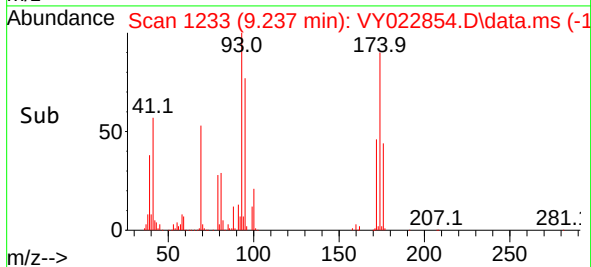
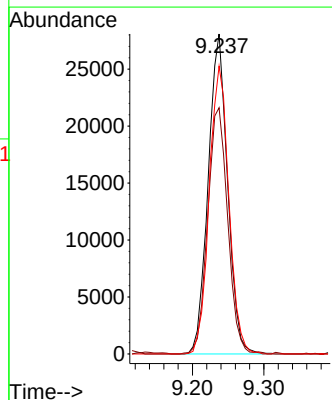
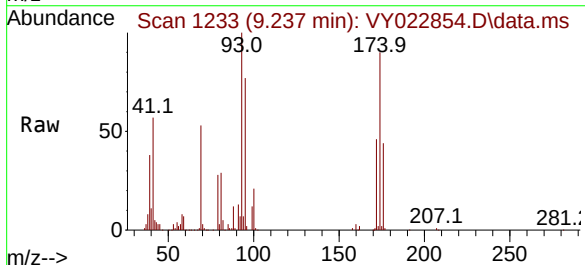
Tgt Ion: 93 Resp: 52823

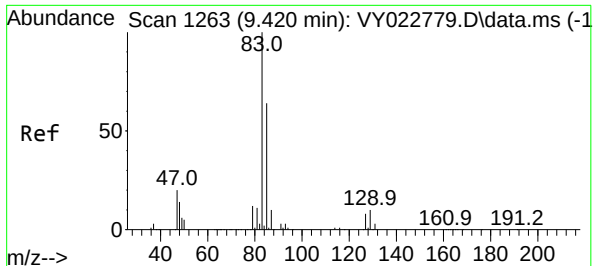
Ion Ratio Lower Upper

93 100

95 79.7 65.6 98.4

174 91.3 70.4 105.6

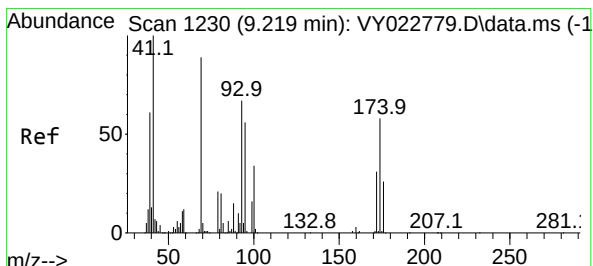
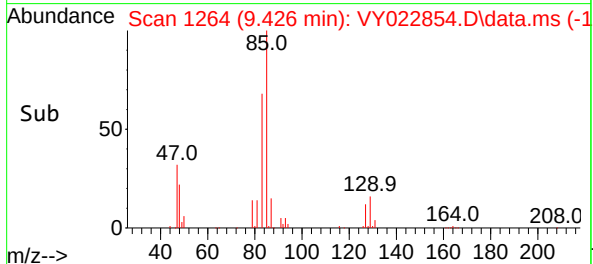
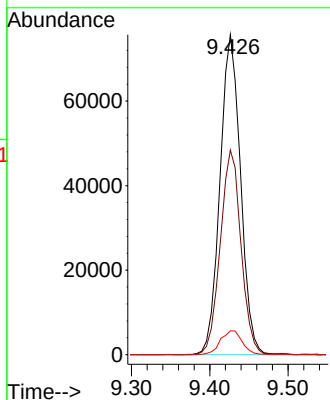
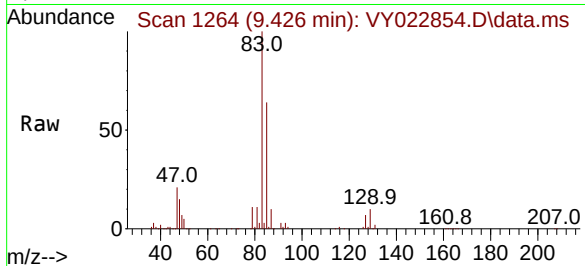




#47
Bromodichloromethane
Concen: 19.190 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

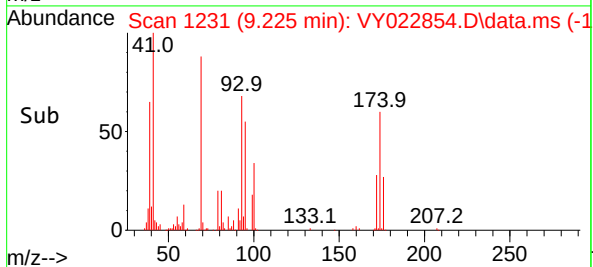
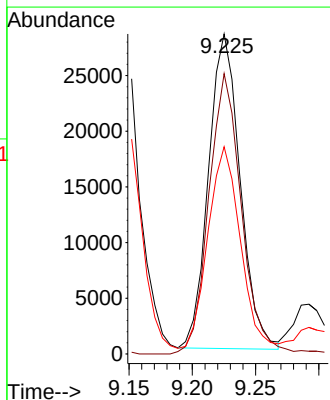
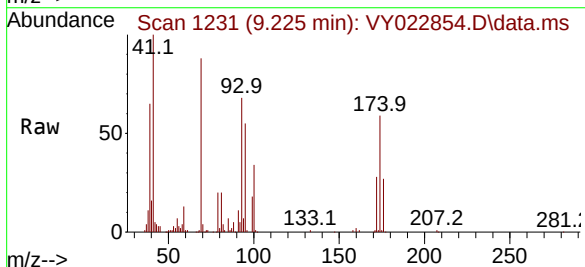
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

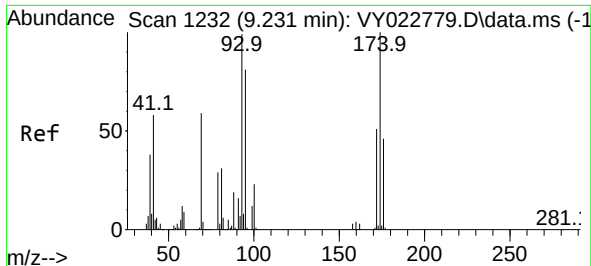
Tgt Ion: 83 Resp: 137926
Ion Ratio Lower Upper
83 100
85 64.0 49.1 73.7
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 16.704 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 41 Resp: 49141
Ion Ratio Lower Upper
41 100
69 92.8 67.8 101.8
39 65.5 55.0 82.4





#49

1,4-Dioxane

Concen: 302.548 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

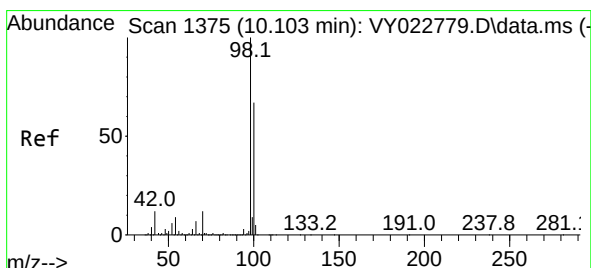
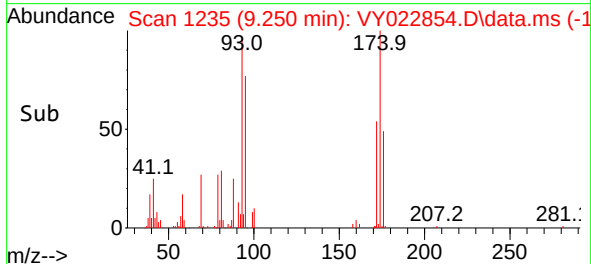
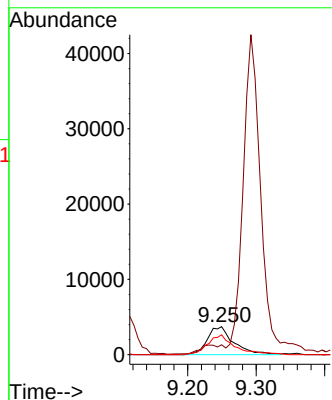
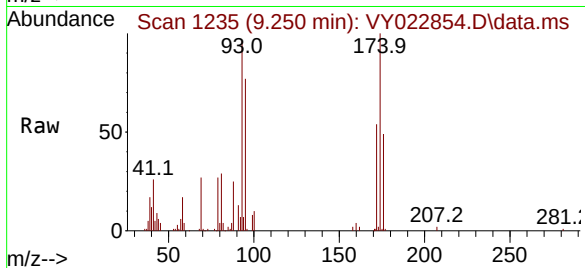
Tgt Ion: 88 Resp: 9963

Ion Ratio Lower Upper

88 100

43 0.0 25.4 38.2#

58 73.2 54.9 82.3



#50

Toluene-d8

Concen: 50.427 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022854.D

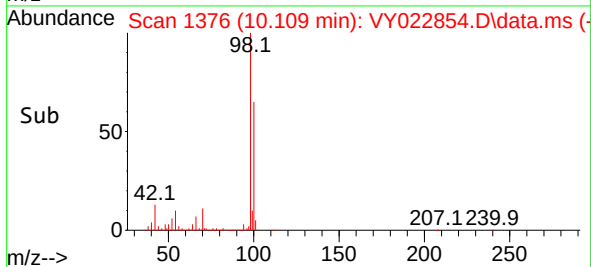
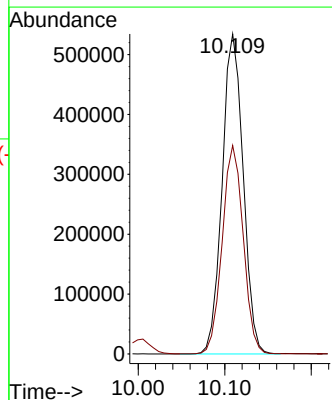
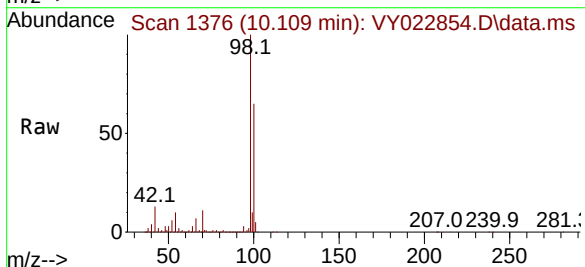
Acq: 27 Jun 2025 12:00

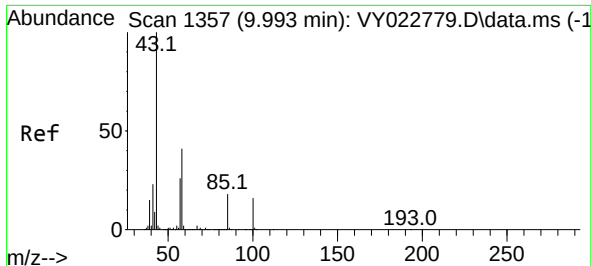
Tgt Ion: 98 Resp: 900780

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

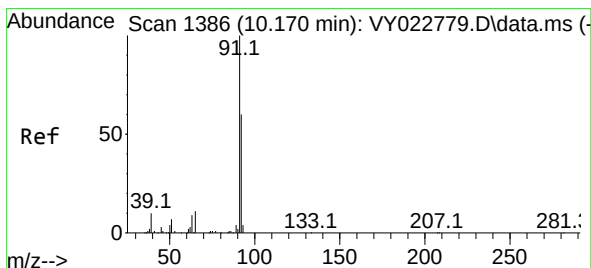
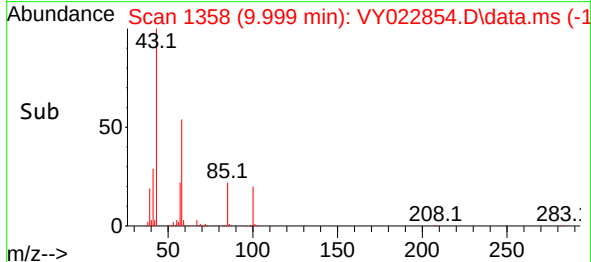
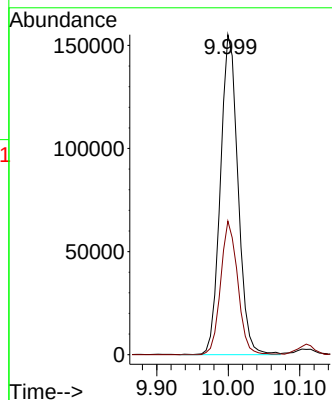
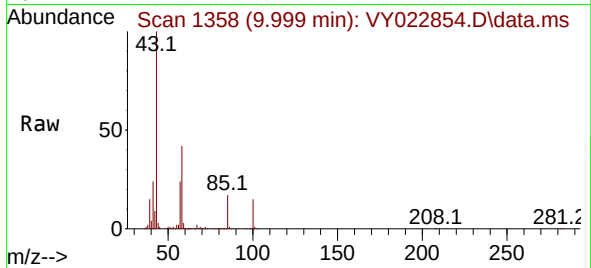




#51
4-Methyl-2-Pentanone
Concen: 85.492 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

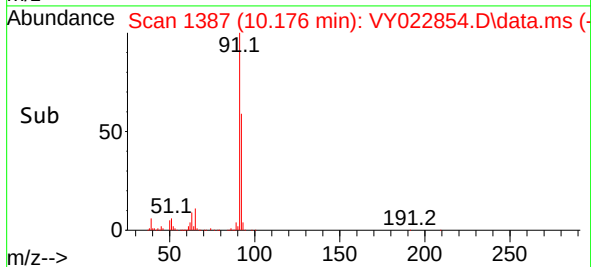
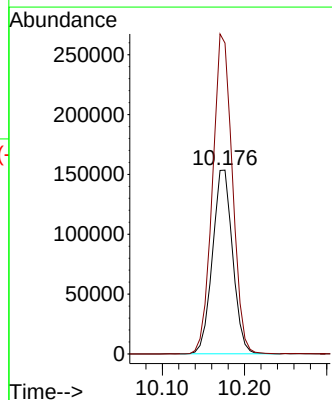
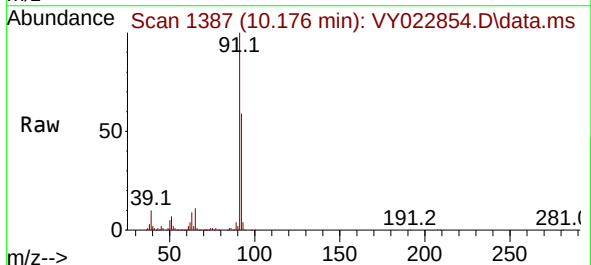
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

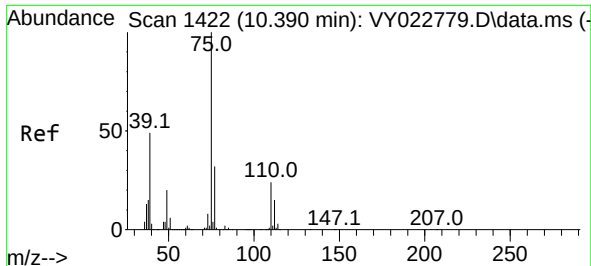
Tgt Ion: 43 Resp: 265865
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6



#52
Toluene
Concen: 19.735 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 92 Resp: 261191
Ion Ratio Lower Upper
92 100
91 171.7 139.0 208.4

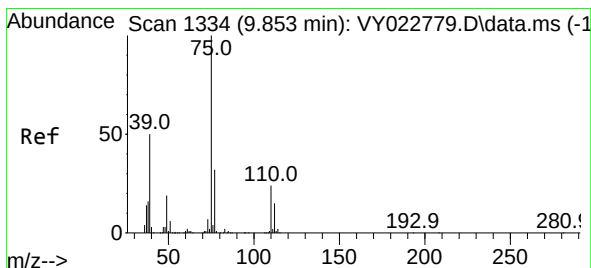
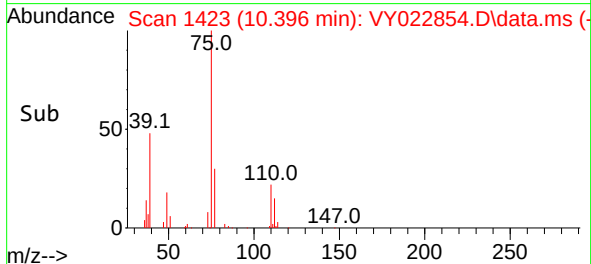
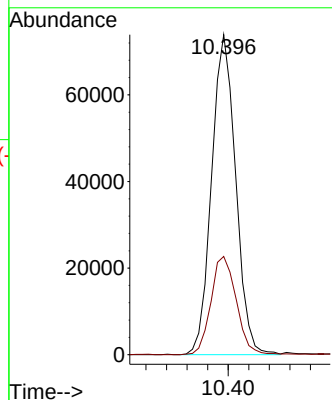
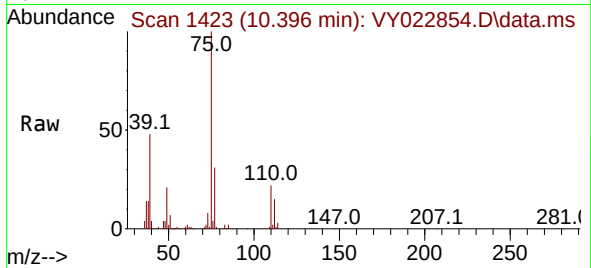




#53
t-1,3-Dichloropropene
Concen: 18.597 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

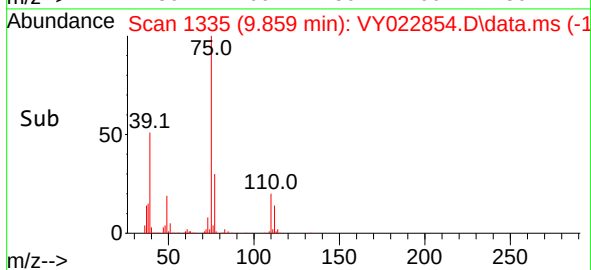
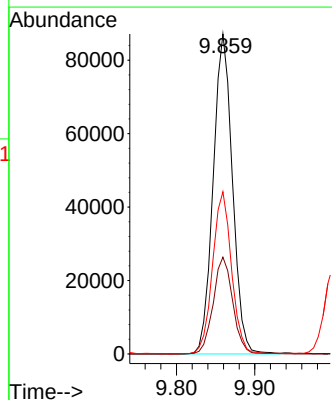
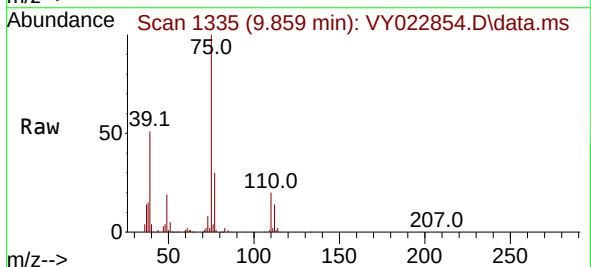
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

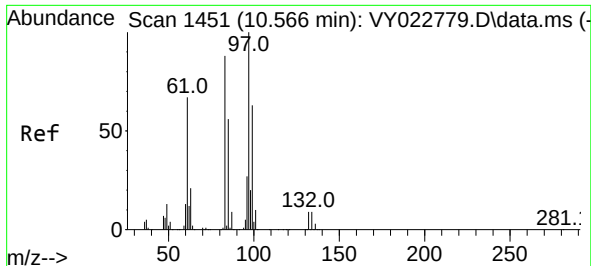
Tgt Ion: 75 Resp: 120263
Ion Ratio Lower Upper
75 100
77 30.7 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 19.871 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 75 Resp: 149000
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 50.6 42.7 64.1

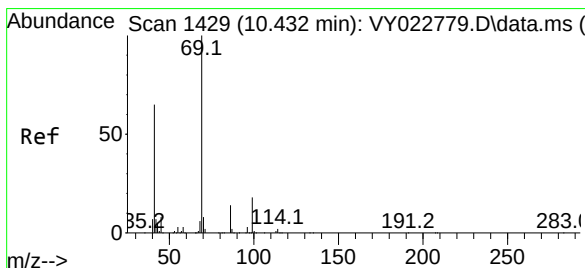
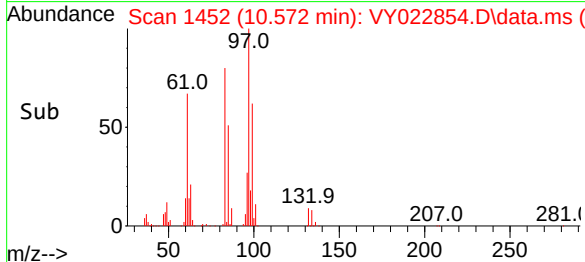
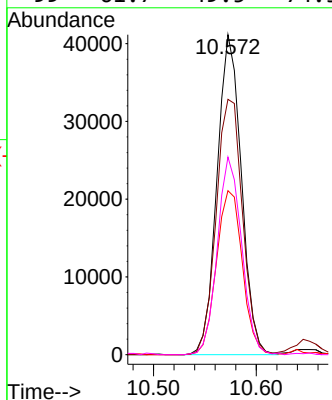
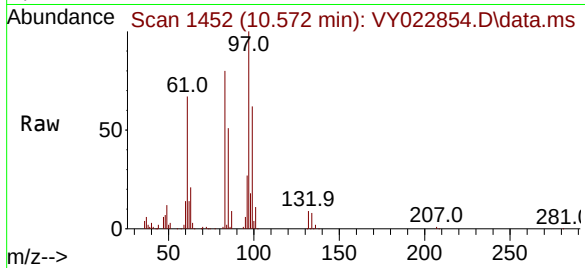




#55
1,1,2-Trichloroethane
Concen: 18.739 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

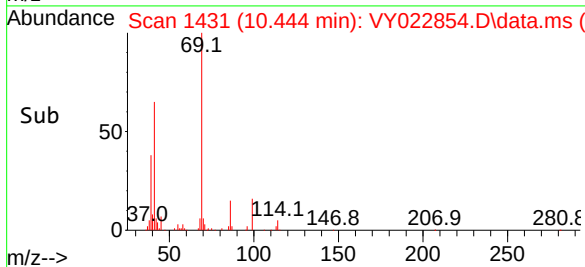
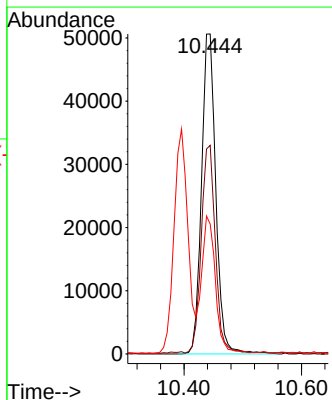
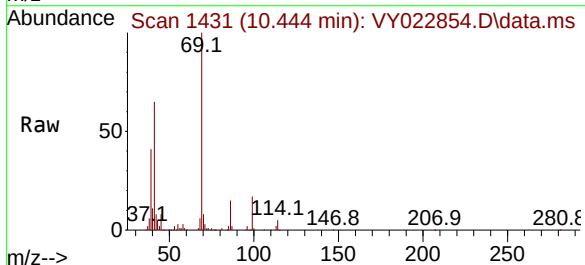
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

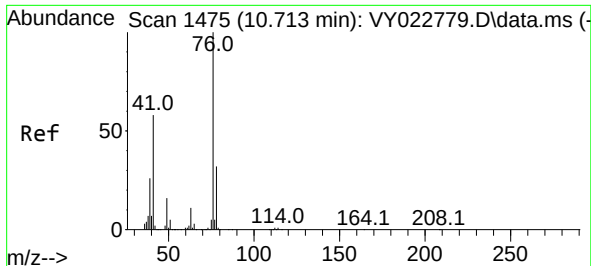
Tgt Ion: 97	Resp: 67633
Ion Ratio	Lower Upper
97 100	
83 79.8	68.1 102.1
85 51.3	48.2 72.2
99 61.7	49.5 74.3



#56
Ethyl methacrylate
Concen: 17.632 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 69	Resp: 85618
Ion Ratio	Lower Upper
69 100	
41 64.7	52.2 78.2
39 40.5	36.7 55.1





#57

1,3-Dichloropropane

Concen: 18.695 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

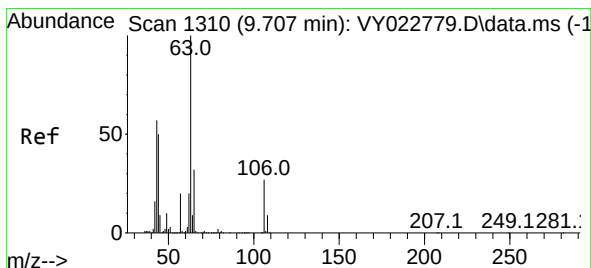
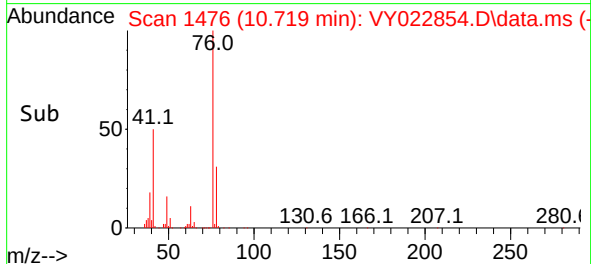
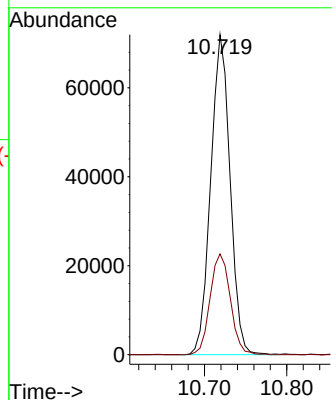
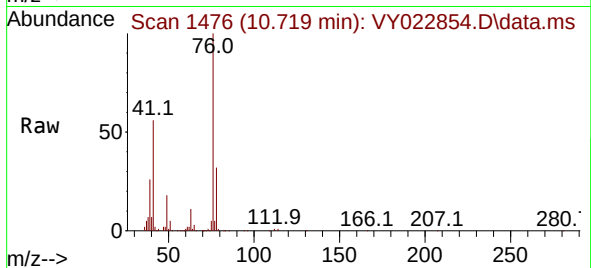
VY0627SBS01

Tgt Ion: 76 Resp: 117720

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.503 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022854.D

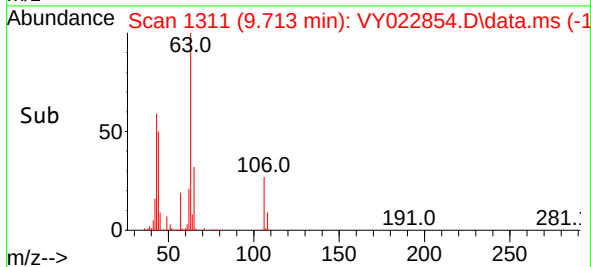
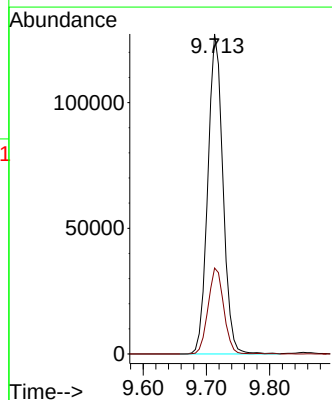
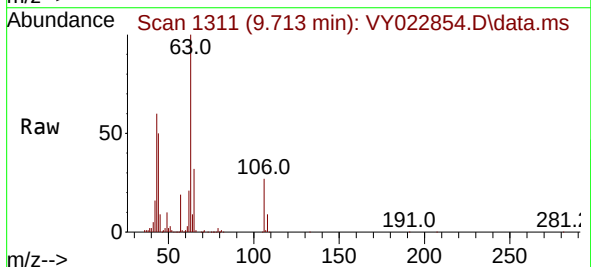
Acq: 27 Jun 2025 12:00

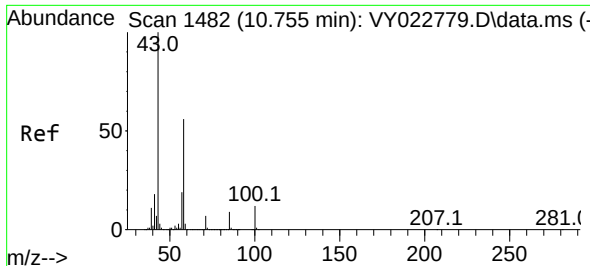
Tgt Ion: 63 Resp: 211949

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4

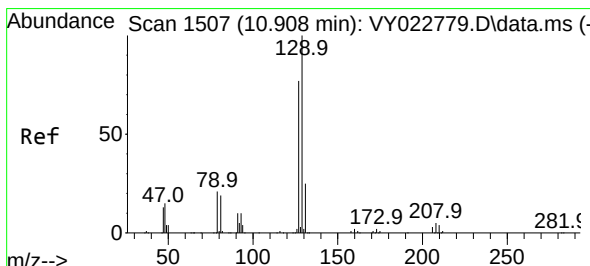
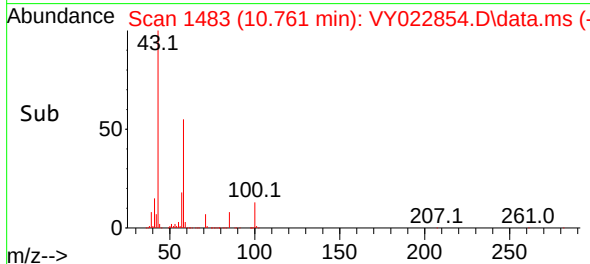
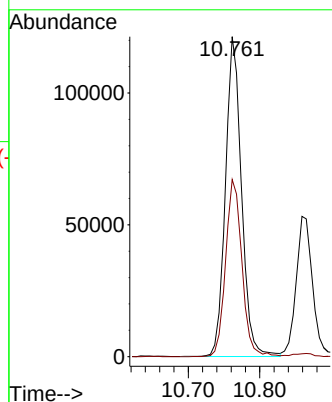
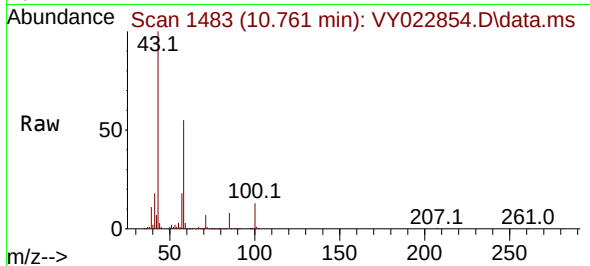




#59
2-Hexanone
Concen: 89.572 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

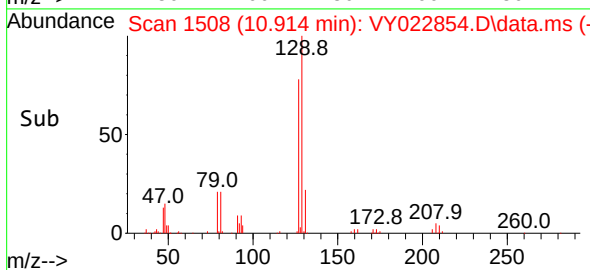
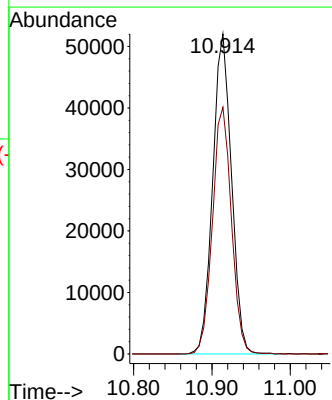
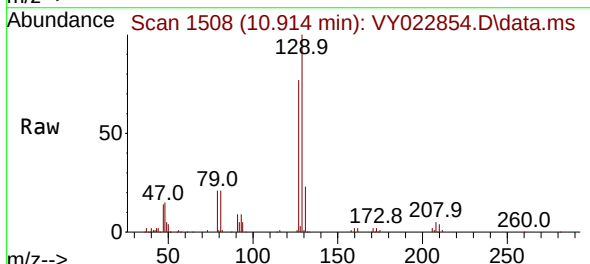
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

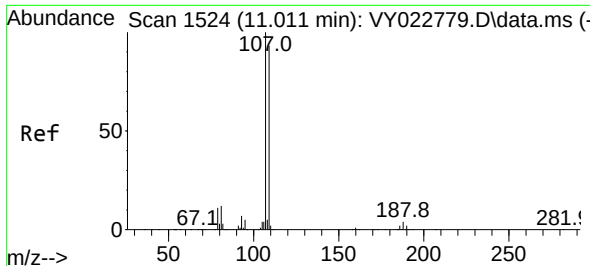
Tgt Ion: 43 Resp: 189382
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8



#60
Dibromochloromethane
Concen: 18.588 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 129 Resp: 86657
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

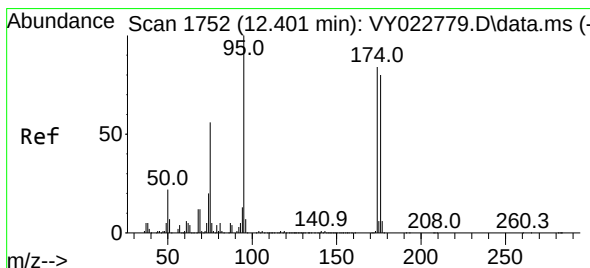
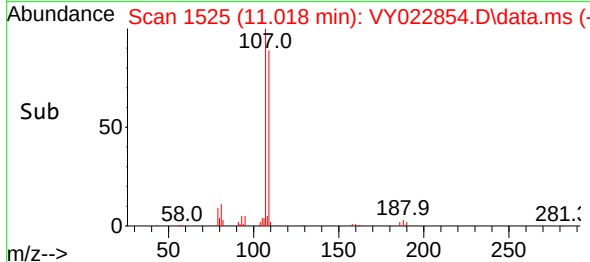
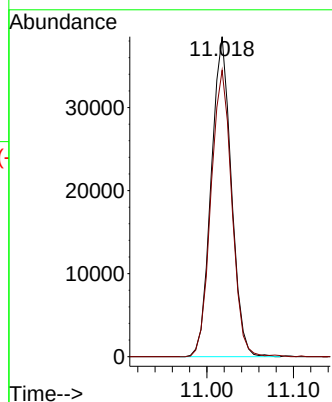
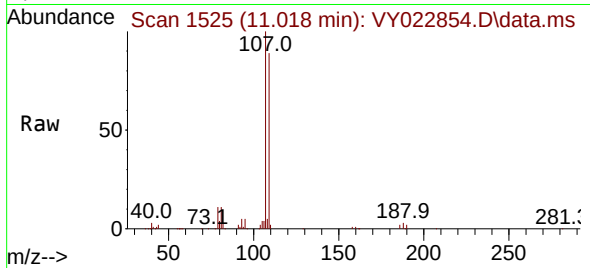




#61
1,2-Dibromoethane
Concen: 18.439 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

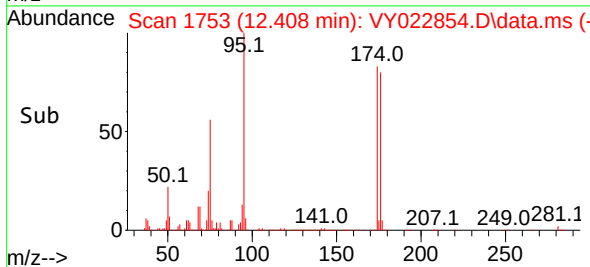
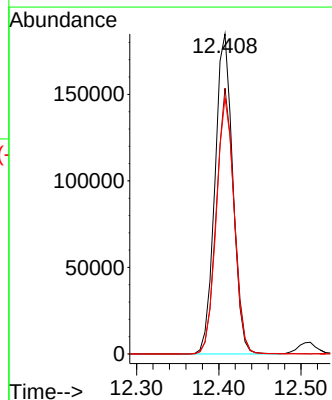
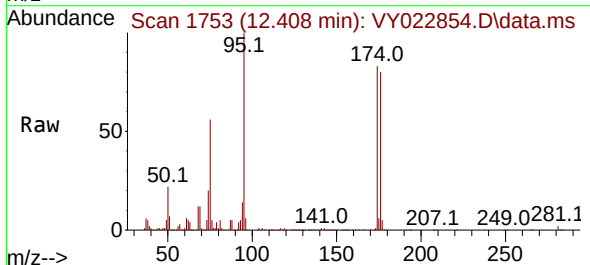
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

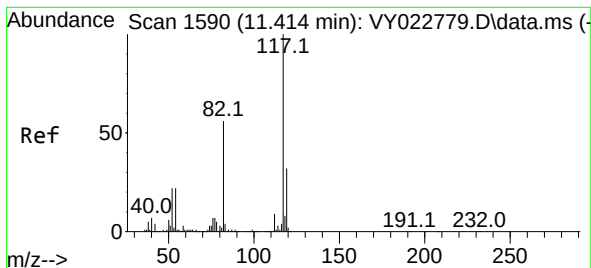
Tgt Ion:107 Resp: 62276
Ion Ratio Lower Upper
107 100
109 92.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.441 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 95 Resp: 278170
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.0
176 80.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

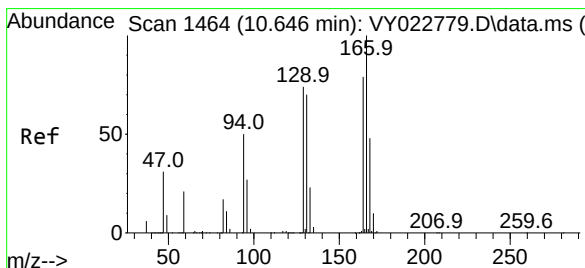
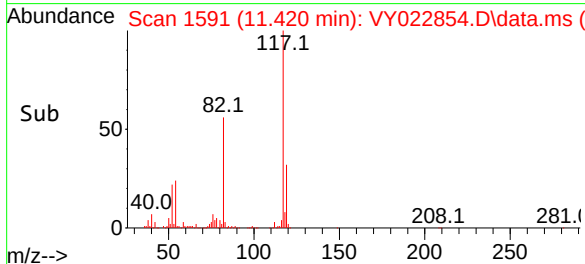
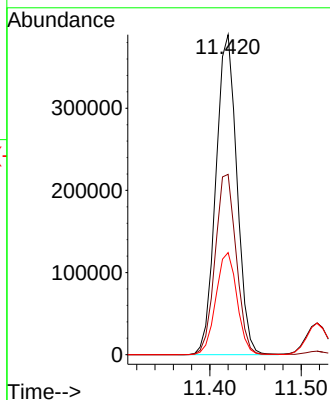
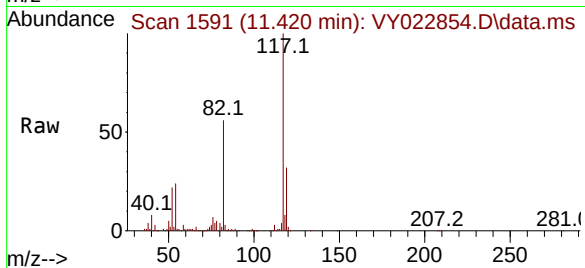
Tgt Ion:117 Resp: 622783

Ion Ratio Lower Upper

117 100

82 56.4 44.6 66.8

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 20.058 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Tgt Ion:164 Resp: 118010

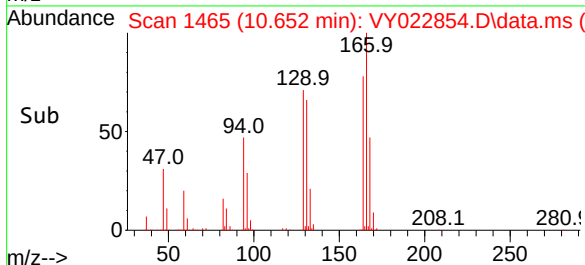
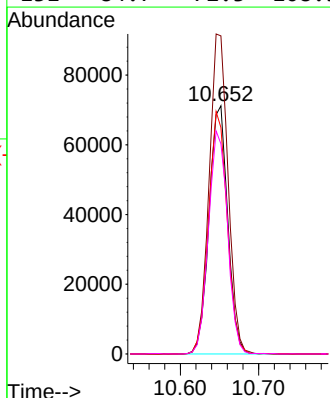
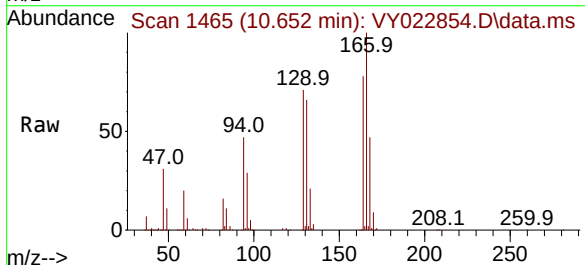
Ion Ratio Lower Upper

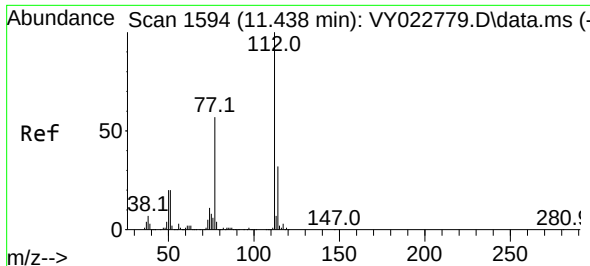
164 100

166 128.2 104.0 156.0

129 91.2 74.5 111.7

131 84.7 72.3 108.5

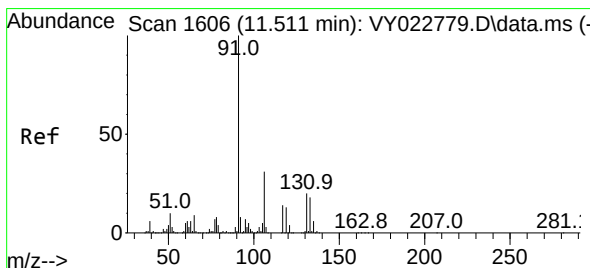
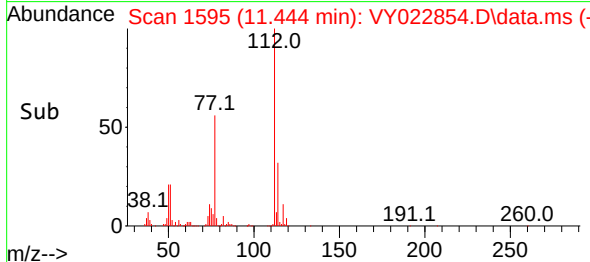
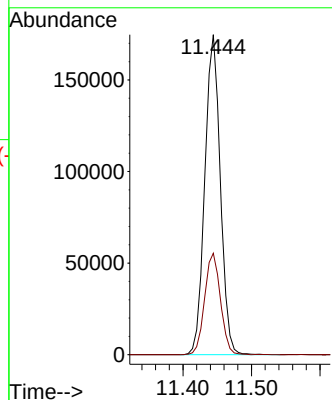
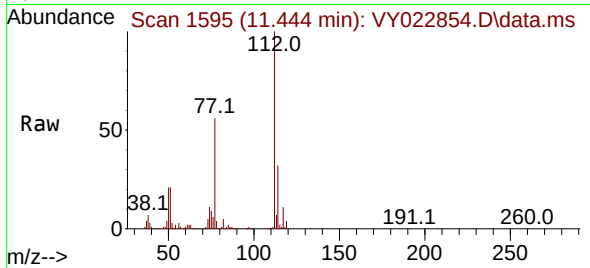




#65
Chlorobenzene
Concen: 20.105 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

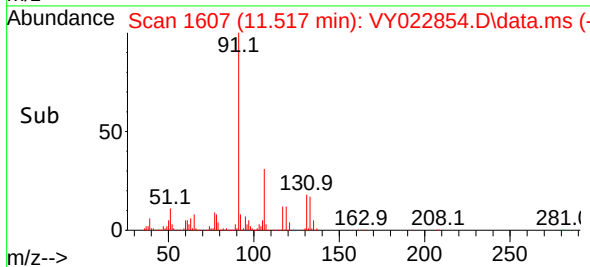
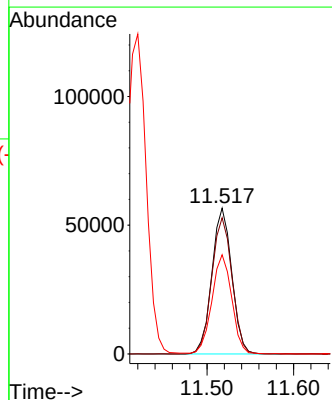
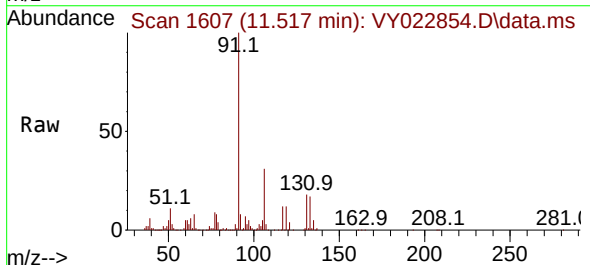
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

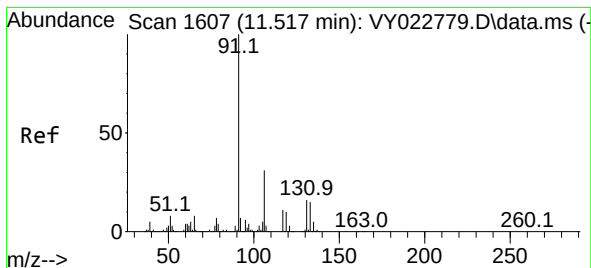
Tgt Ion:112 Resp: 275122
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.496 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion:131 Resp: 90364
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 68.1 33.1 99.3





#67

Ethyl Benzene

Concen: 20.459 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

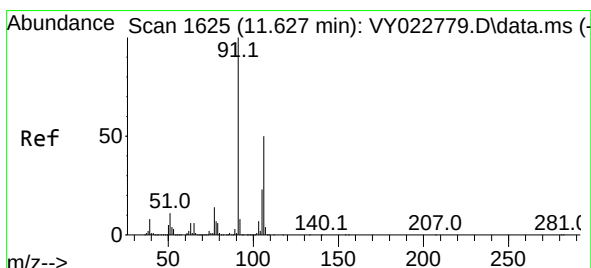
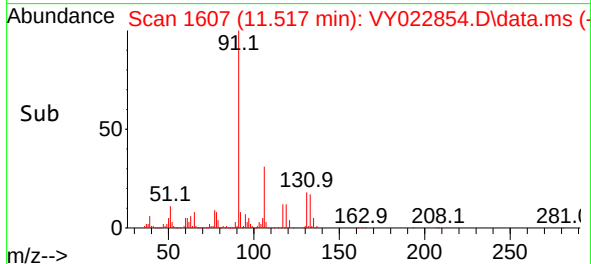
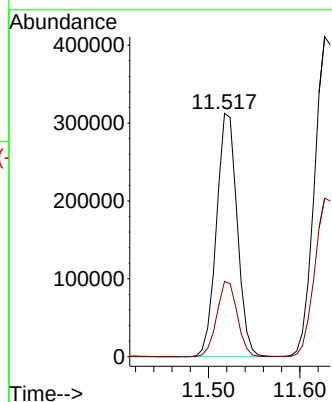
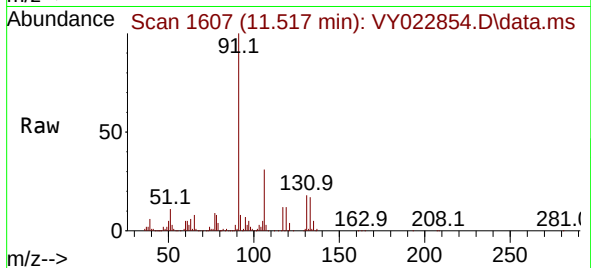
VY0627SBS01

Tgt Ion: 91 Resp: 491906

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 40.260 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022854.D

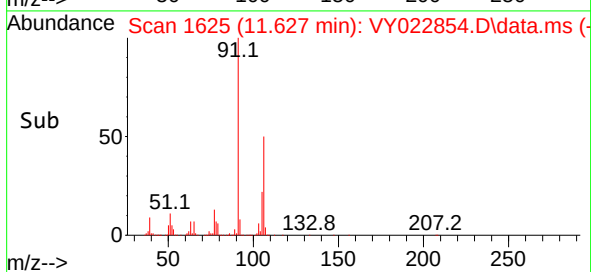
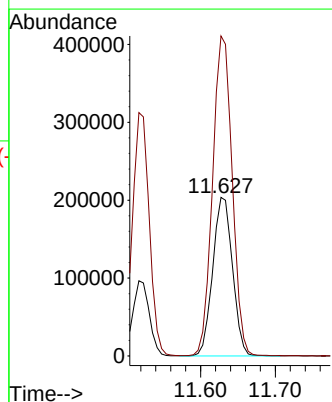
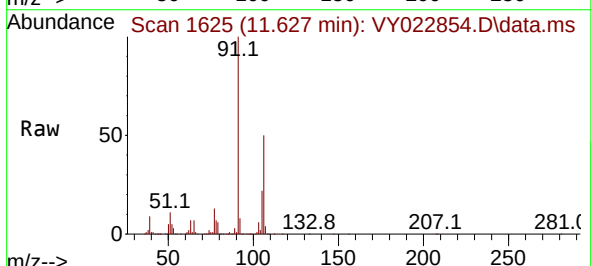
Acq: 27 Jun 2025 12:00

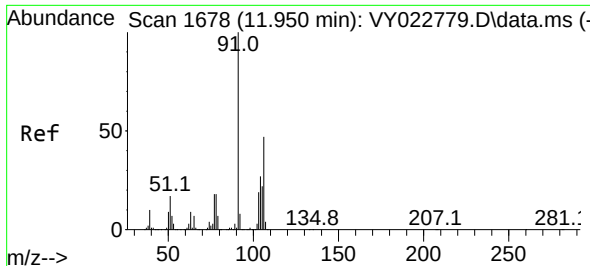
Tgt Ion: 106 Resp: 374187

Ion Ratio Lower Upper

106 100

91 200.5 159.4 239.0

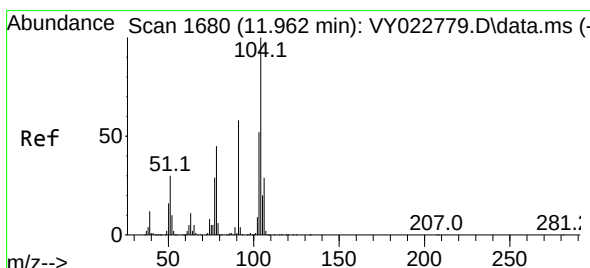
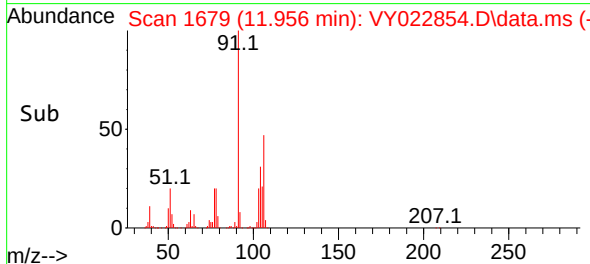
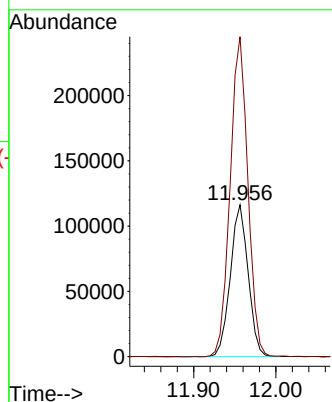
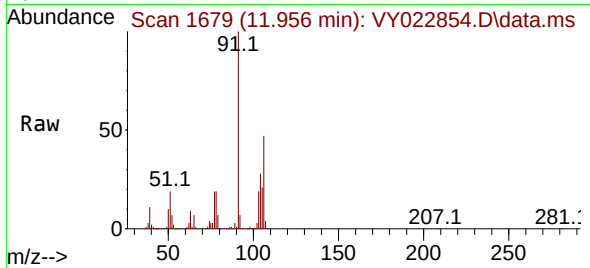




#69
o-Xylene
Concen: 20.021 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

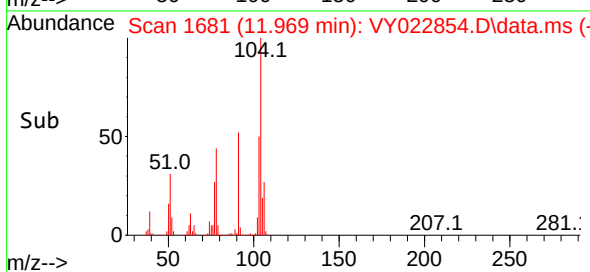
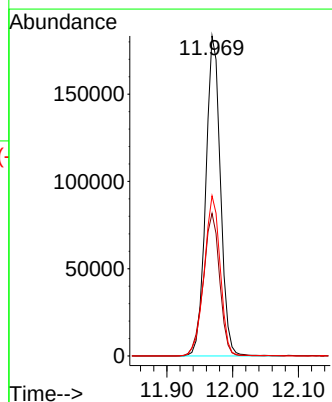
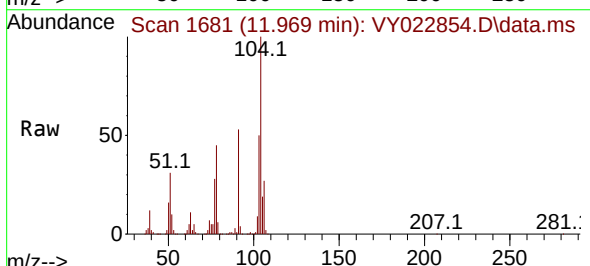
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

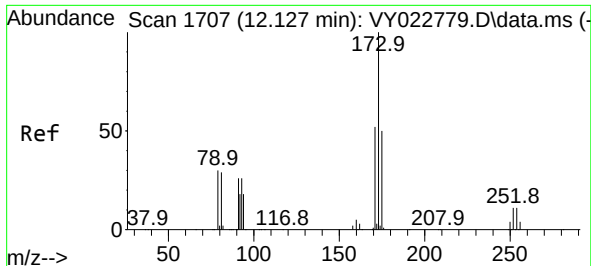
Tgt Ion:106 Resp: 175335
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.3



#70
Styrene
Concen: 19.424 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion:104 Resp: 284938
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.6 44.1 66.1

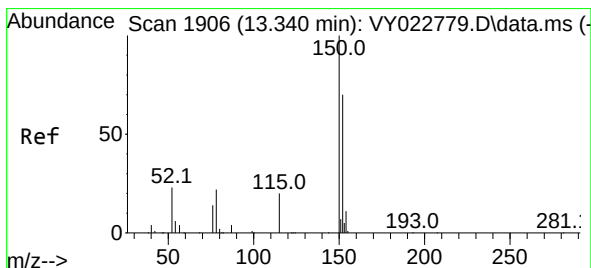
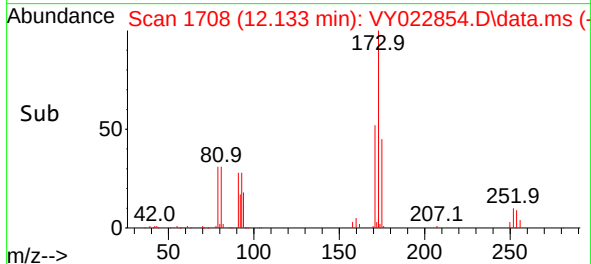
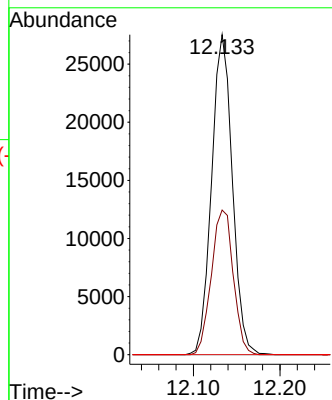
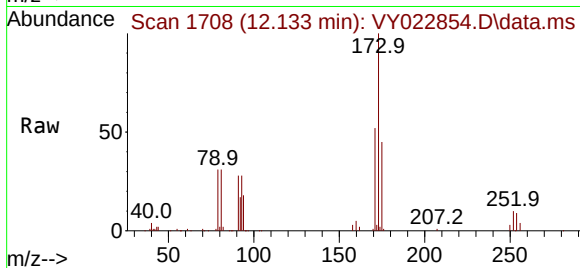




#71
Bromoform
Concen: 17.750 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

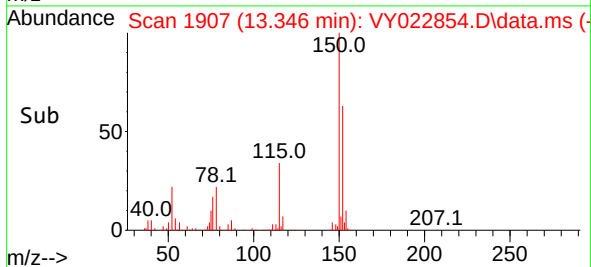
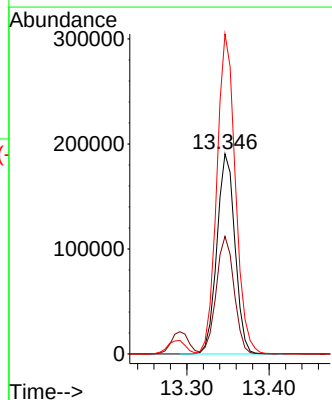
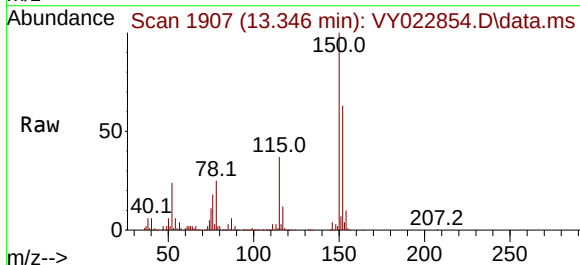
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

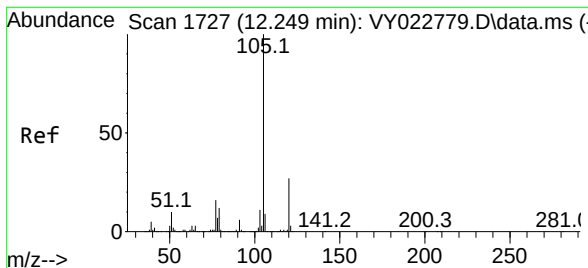
Tgt Ion:173 Resp: 45810
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion:152 Resp: 290353
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 164.6 0.0 349.6





#73

Isopropylbenzene

Concen: 21.287 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

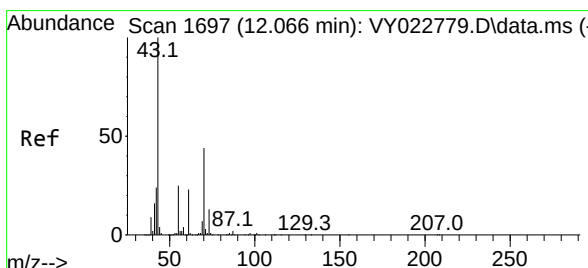
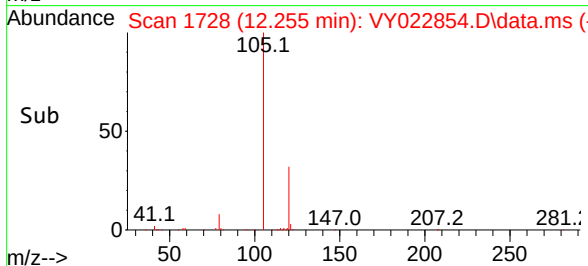
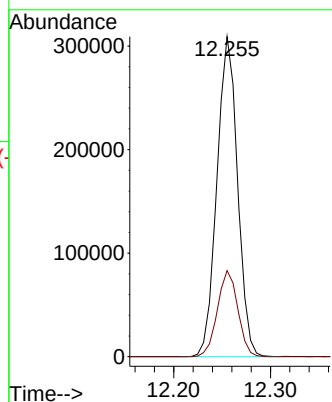
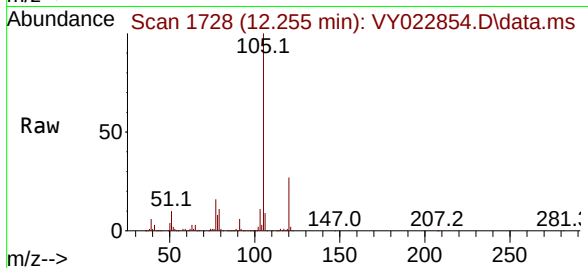
VY0627SBS01

Tgt Ion:105 Resp: 457101

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9



#74

N-ethyl acetate

Concen: 18.857 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Tgt Ion: 43 Resp: 90892

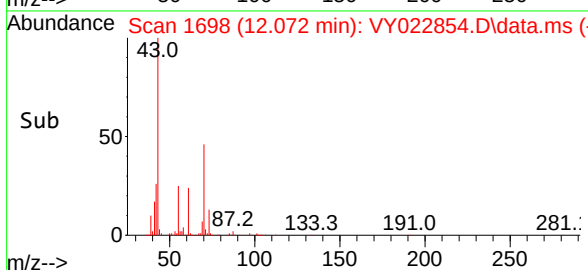
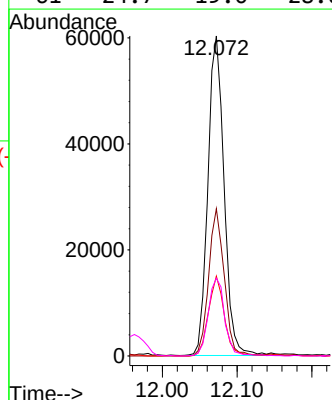
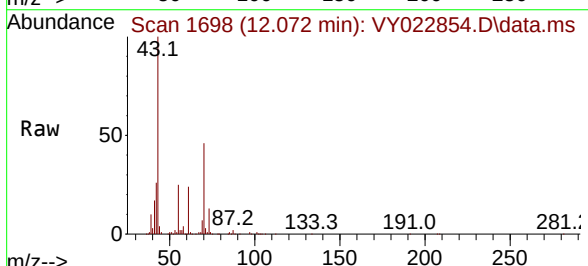
Ion Ratio Lower Upper

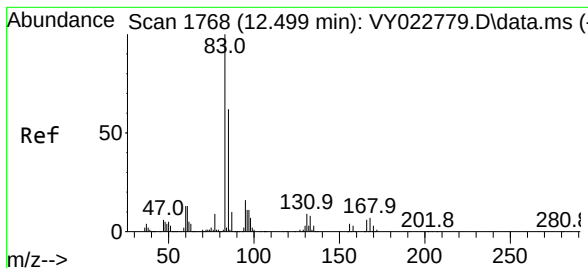
43 100

70 44.3 34.2 51.2

55 24.6 18.2 27.4

61 24.7 19.0 28.6

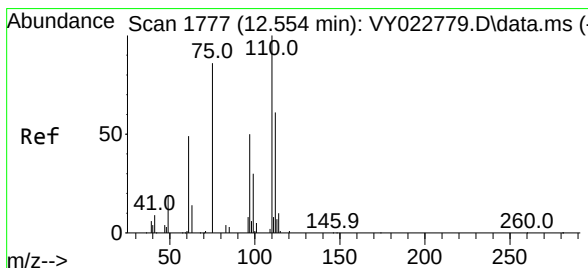
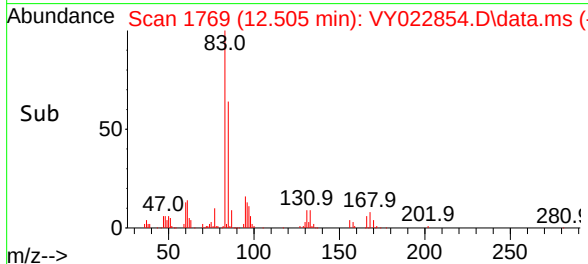
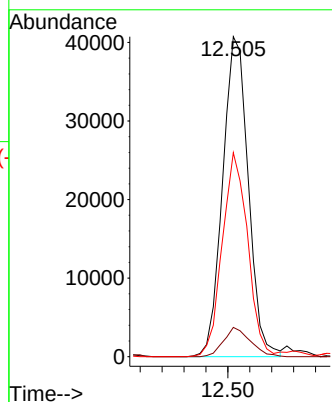
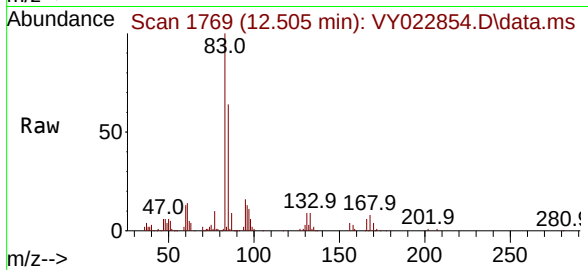




#75
1,1,2,2-Tetrachloroethane
Concen: 19.147 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

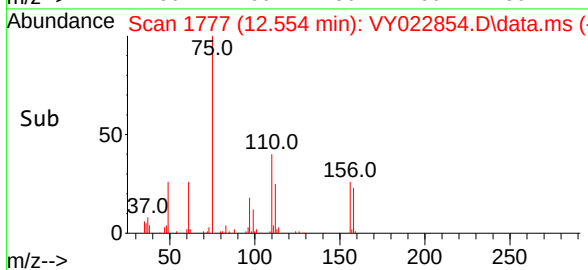
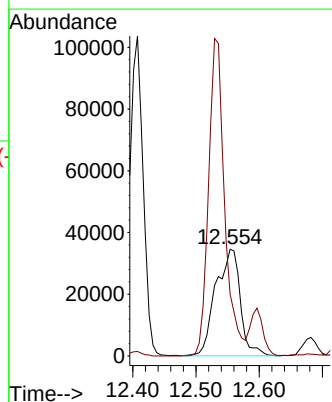
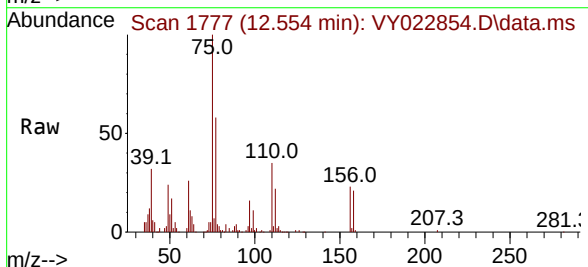
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

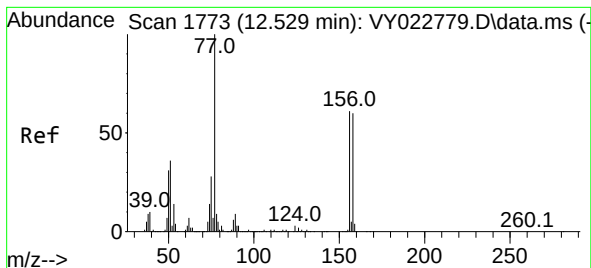
Tgt Ion: 83 Resp: 66265
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 31.416 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 75 Resp: 93125
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.383 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

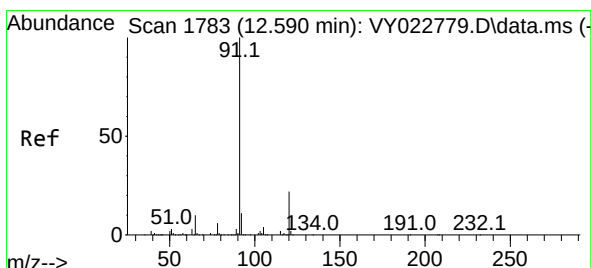
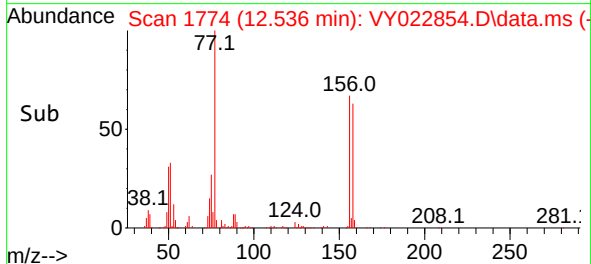
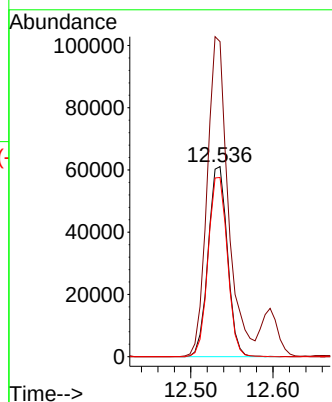
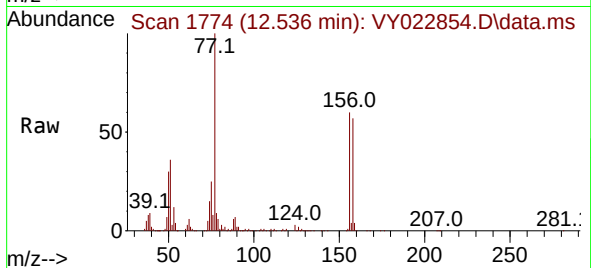
Tgt Ion:156 Resp: 99212

Ion Ratio Lower Upper

156 100

77 184.5 94.0 282.1

158 94.6 48.2 144.6



#78

n-propylbenzene

Concen: 21.580 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022854.D

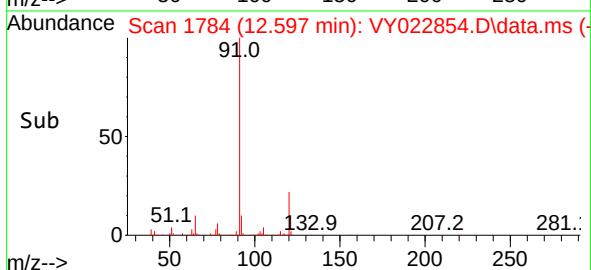
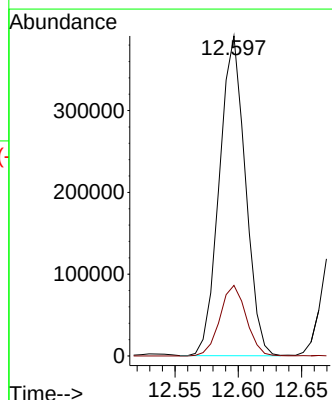
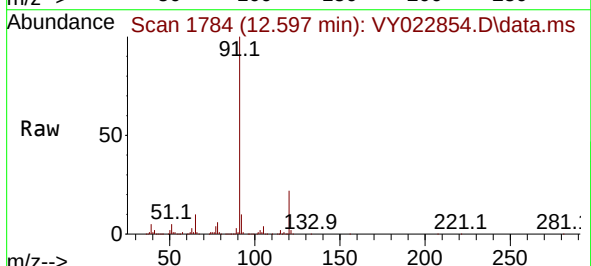
Acq: 27 Jun 2025 12:00

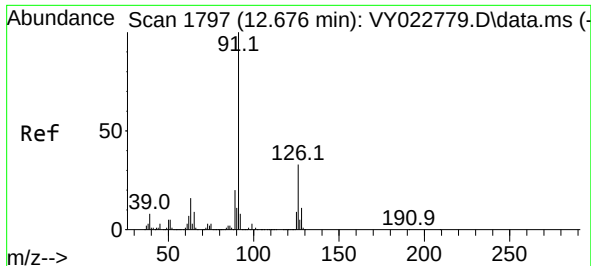
Tgt Ion: 91 Resp: 559488

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4

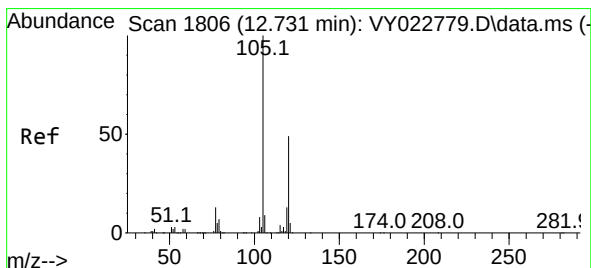
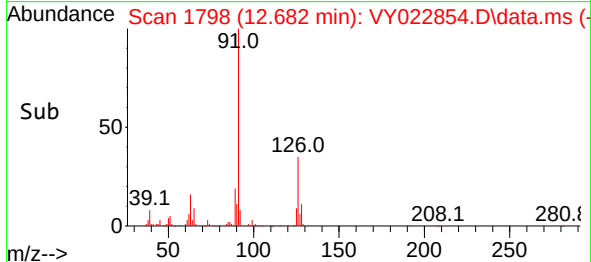
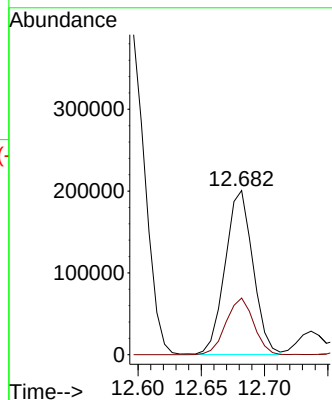
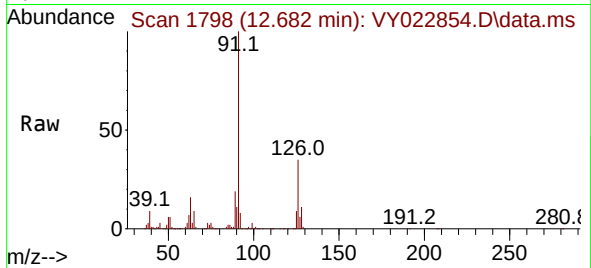




#79
2-Chlorotoluene
Concen: 20.965 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

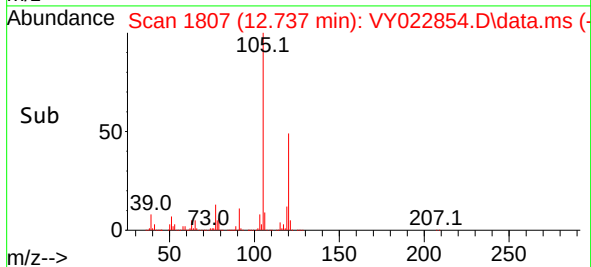
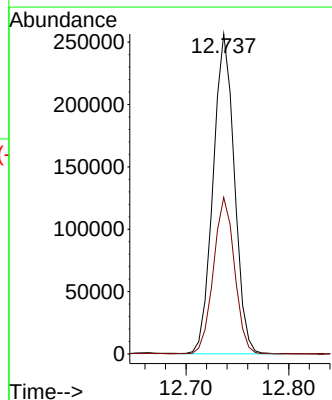
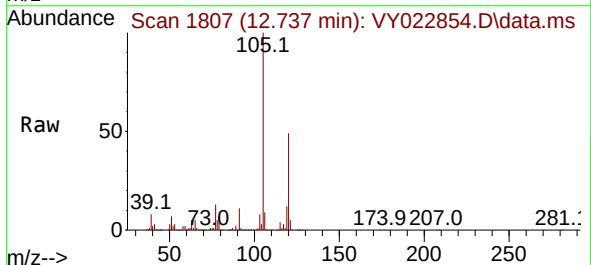
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

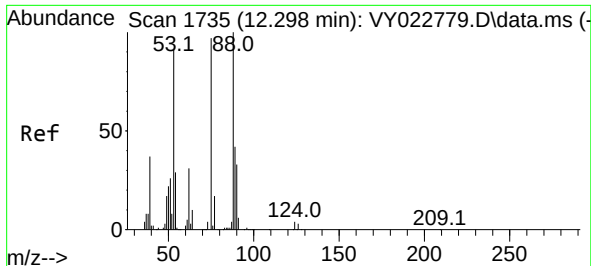
Tgt Ion: 91 Resp: 307095
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.239 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 105 Resp: 368172
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4

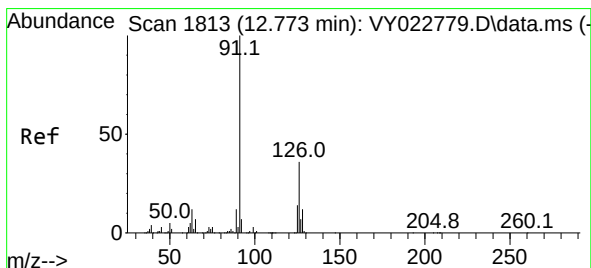
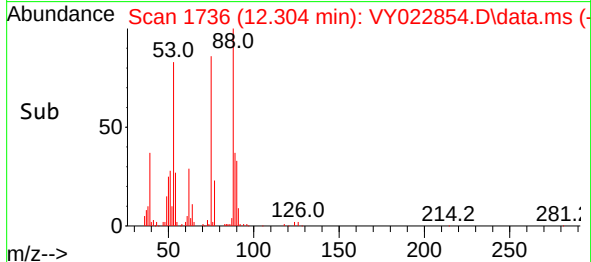
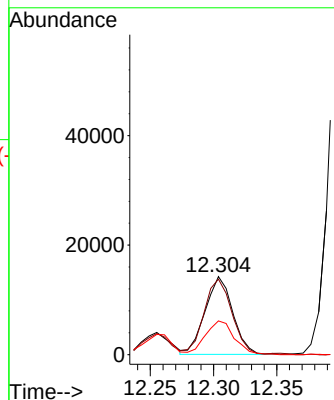
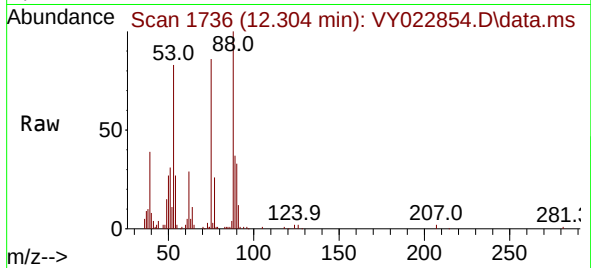




#81
trans-1,4-Dichloro-2-butene
Concen: 18.390 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

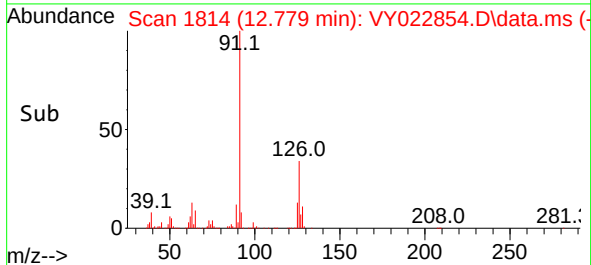
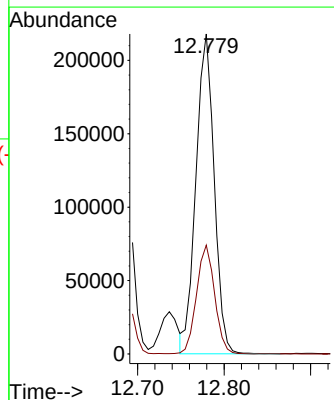
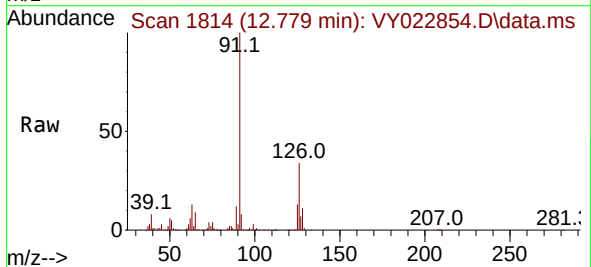
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

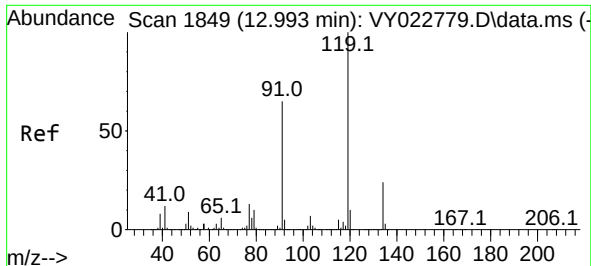
Tgt Ion: 75 Resp: 21577
Ion Ratio Lower Upper
75 100
53 97.1 78.5 117.7
89 45.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.666 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion: 91 Resp: 317965
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9

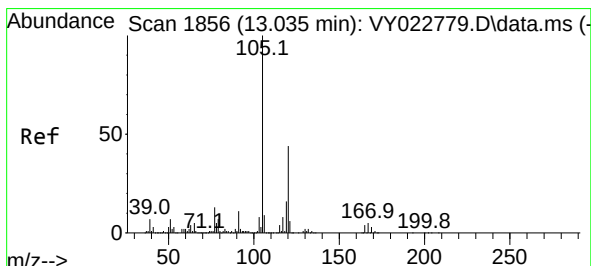
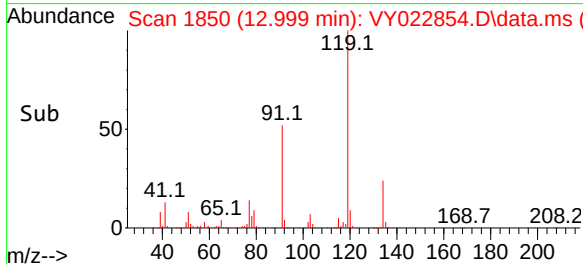
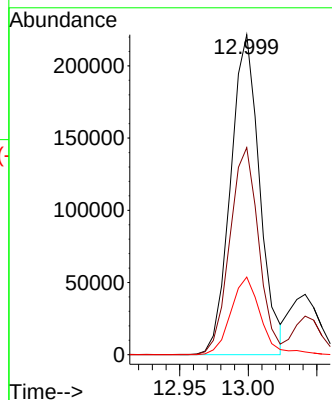
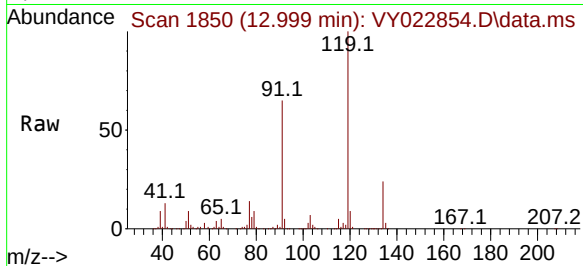




#83
tert-Butylbenzene
Concen: 21.405 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

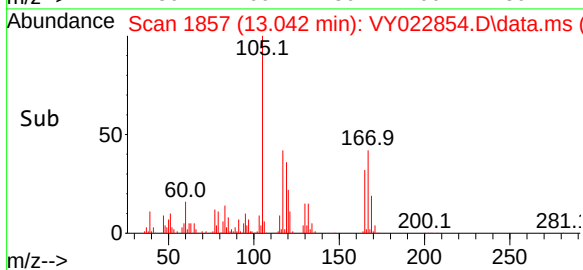
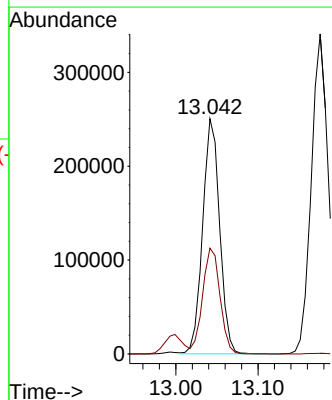
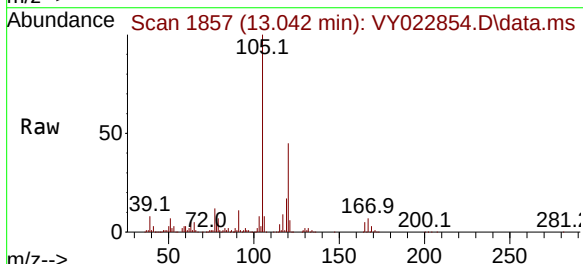
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

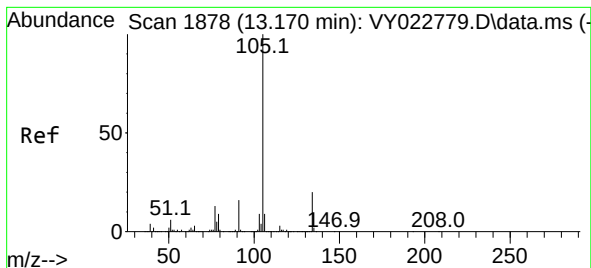
Tgt Ion:119 Resp: 327233
Ion Ratio Lower Upper
119 100
91 64.3 32.1 96.3
134 25.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.716 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022854.D
Acq: 27 Jun 2025 12:00

Tgt Ion:105 Resp: 359527
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.294 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

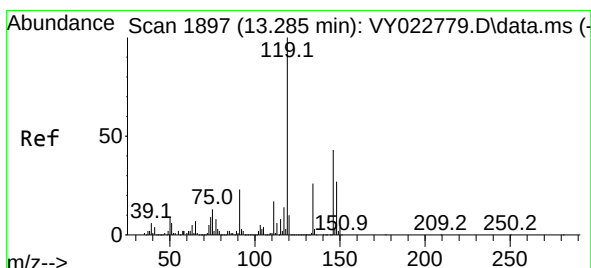
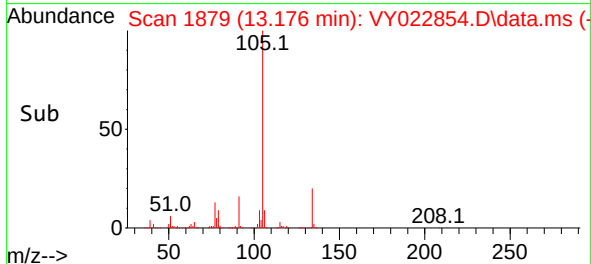
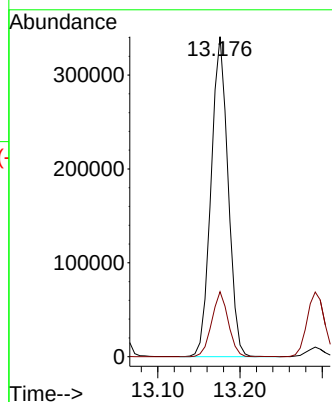
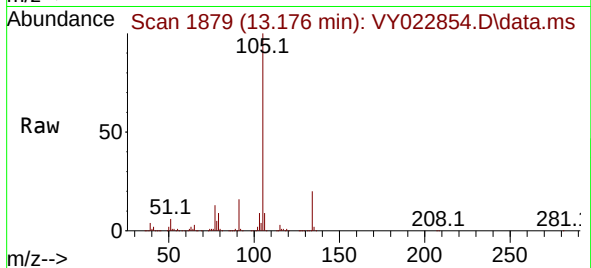
VY0627SBS01

Tgt Ion:105 Resp: 489803

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.008 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

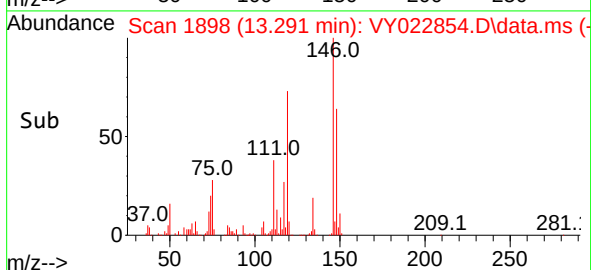
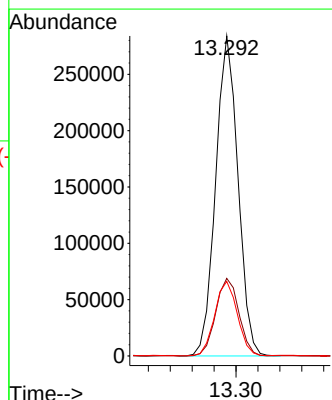
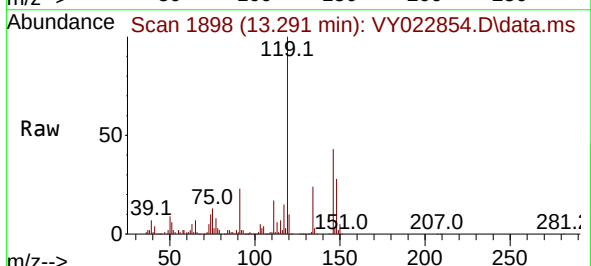
Tgt Ion:119 Resp: 402126

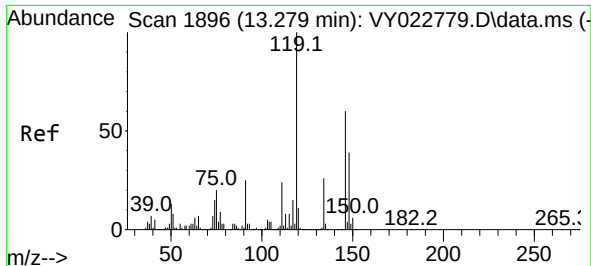
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.1

91 23.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.094 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

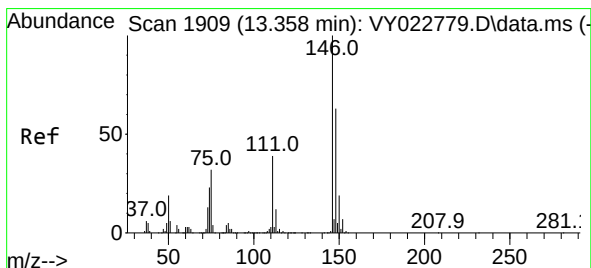
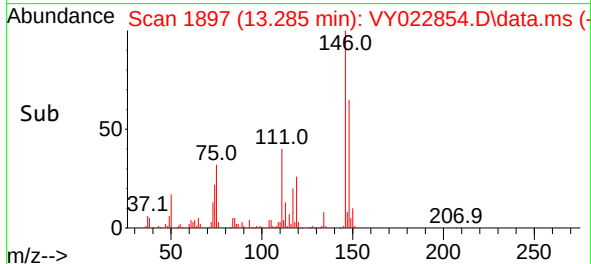
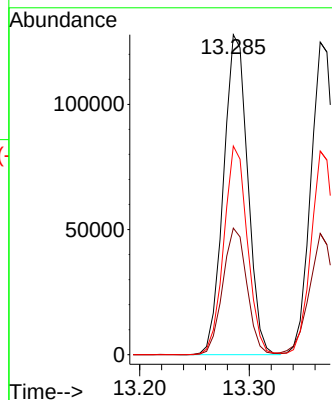
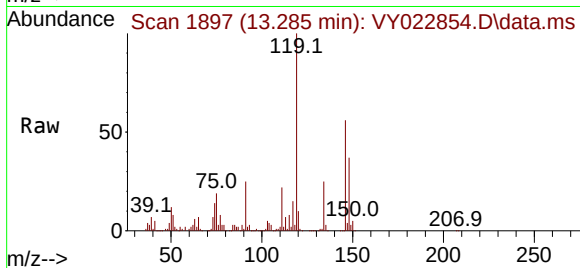
Tgt Ion:146 Resp: 196424

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 63.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.964 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

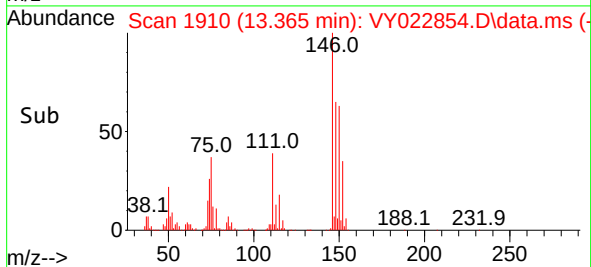
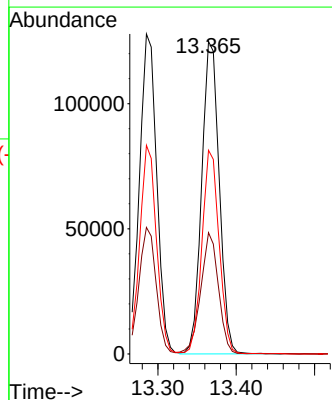
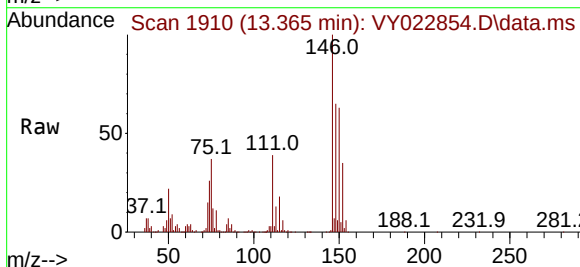
Tgt Ion:146 Resp: 193857

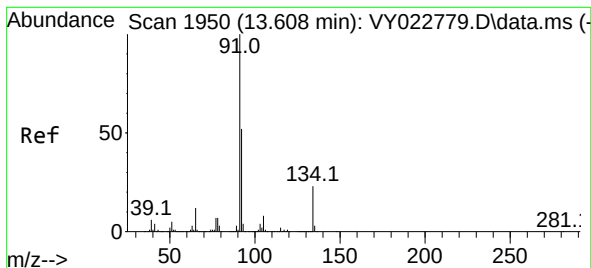
Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 20.981 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

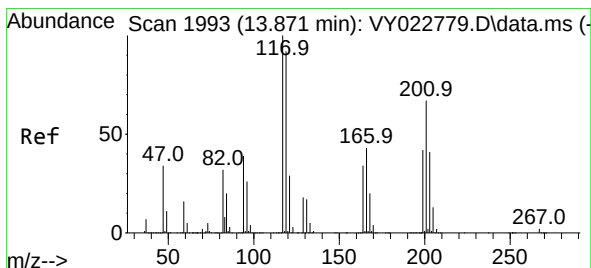
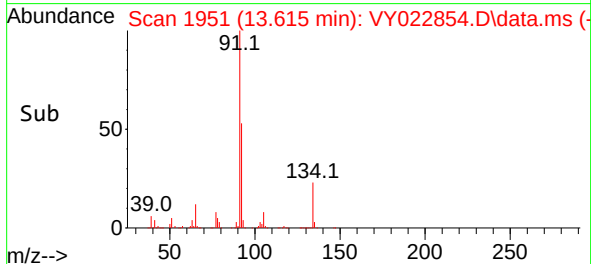
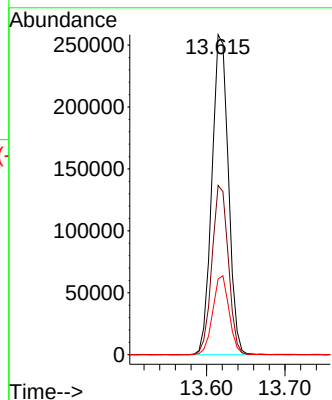
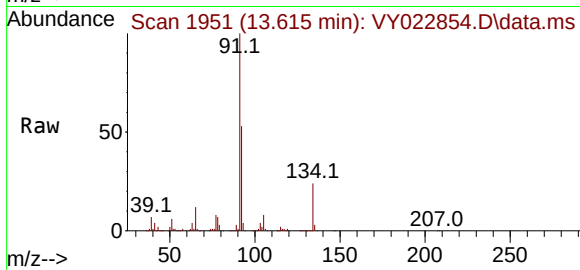
Tgt Ion: 91 Resp: 377764

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 24.4 12.0 36.1



#90

Hexachloroethane

Concen: 20.854 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022854.D

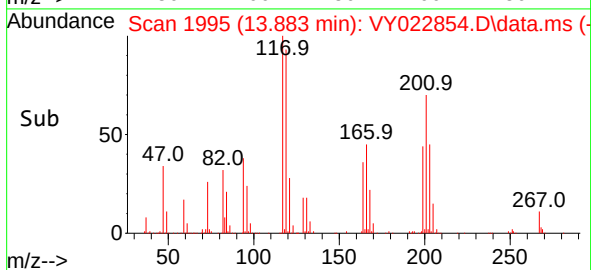
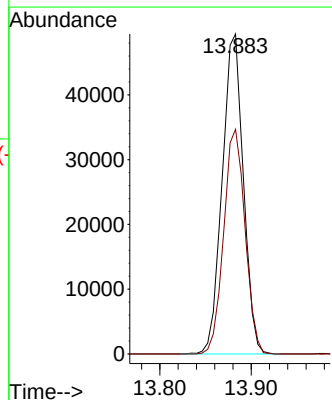
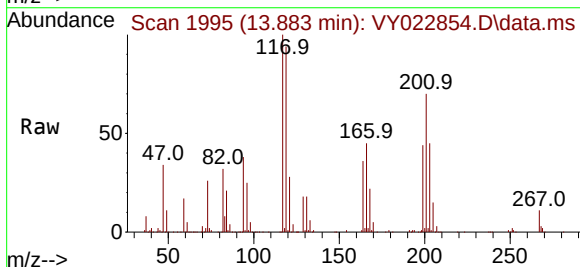
Acq: 27 Jun 2025 12:00

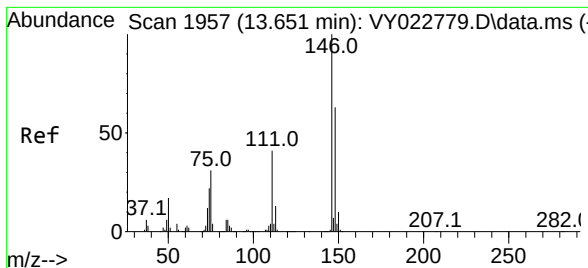
Tgt Ion: 117 Resp: 79506

Ion Ratio Lower Upper

117 100

201 70.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.509 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

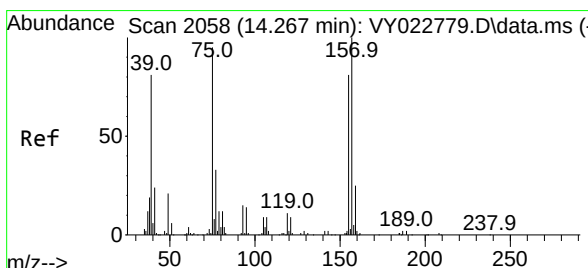
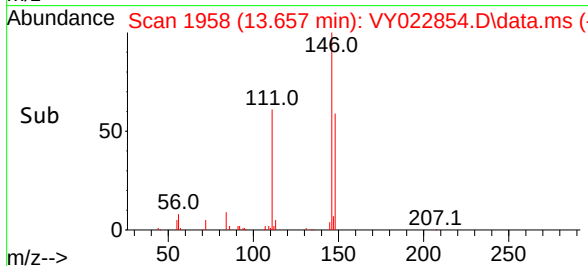
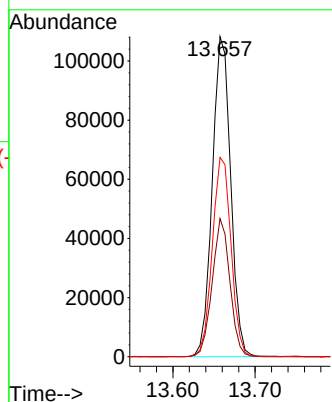
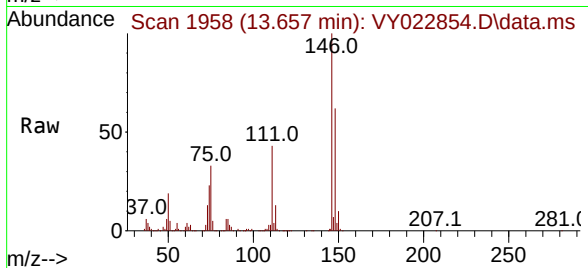
Tgt Ion:146 Resp: 168060

Ion Ratio Lower Upper

146 100

111 41.5 20.2 60.6

148 63.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.506 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

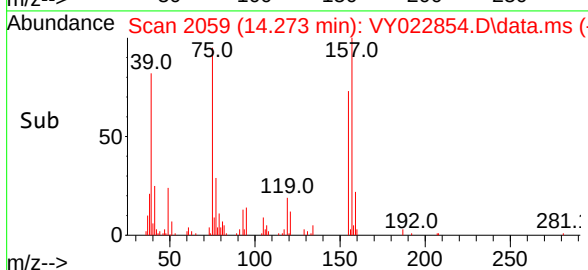
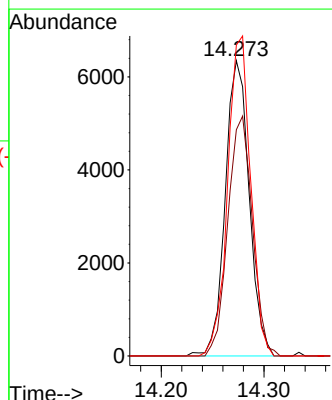
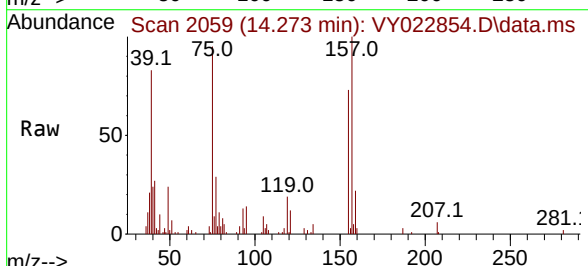
Tgt Ion: 75 Resp: 10274

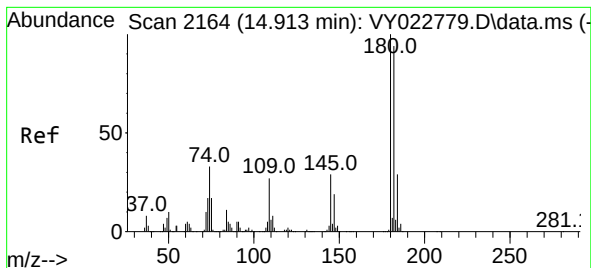
Ion Ratio Lower Upper

75 100

155 83.1 39.9 119.6

157 104.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.746 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

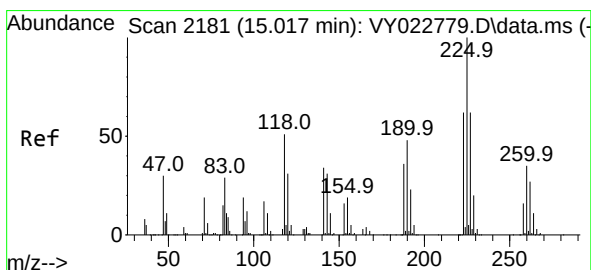
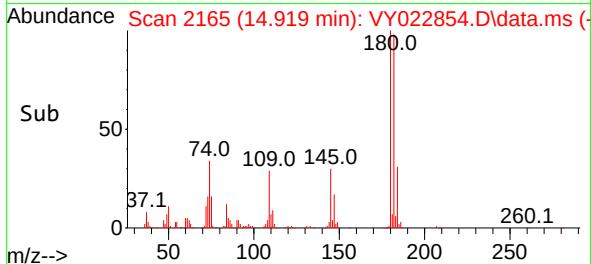
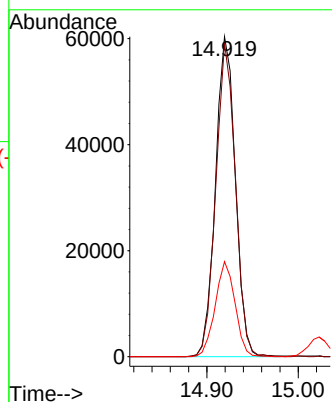
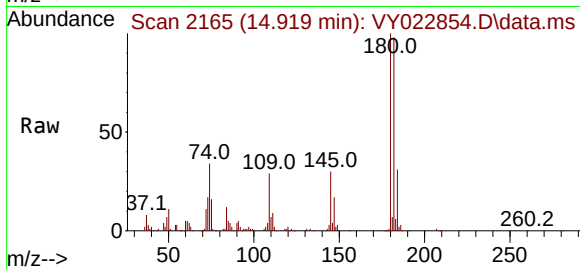
Tgt Ion:180 Resp: 91175

Ion Ratio Lower Upper

180 100

182 96.5 48.4 145.3

145 29.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.593 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

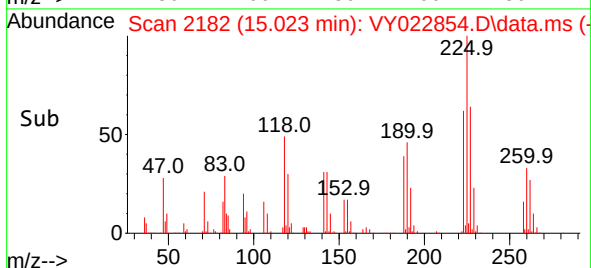
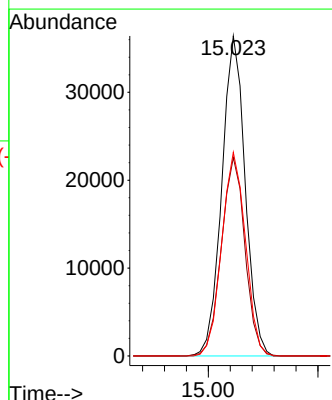
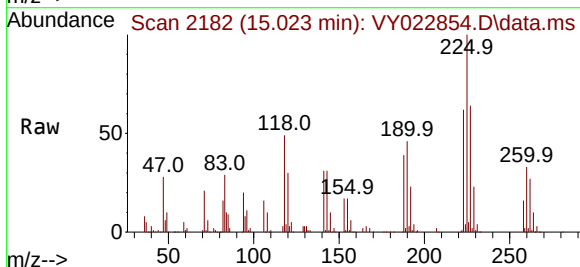
Tgt Ion:225 Resp: 53888

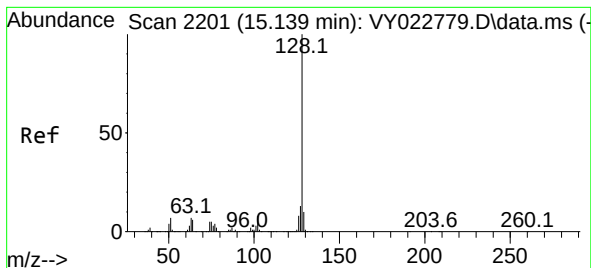
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 16.724 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

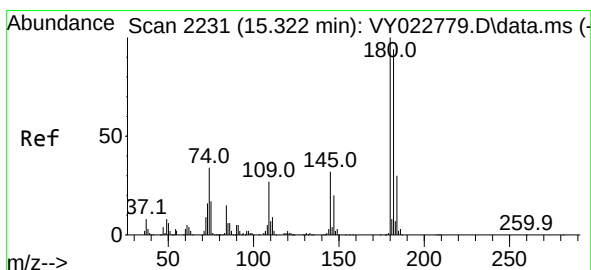
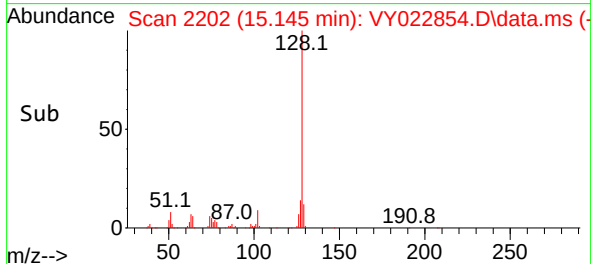
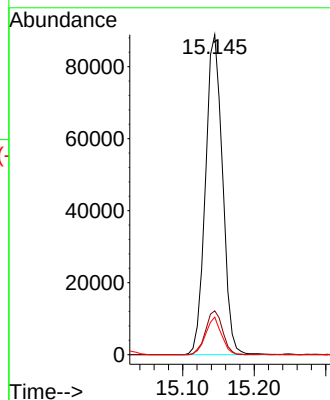
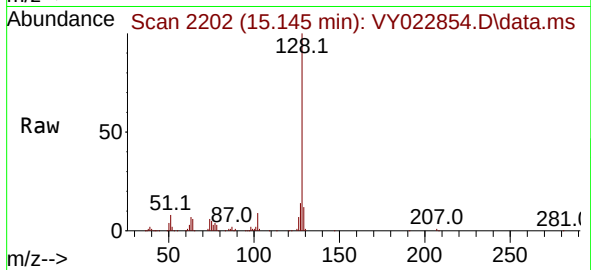
Tgt Ion:128 Resp: 147096

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.310 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022854.D

Acq: 27 Jun 2025 12:00

Tgt Ion:180 Resp: 76954

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 31.8 15.2 45.6

