

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022931.D
 Acq On : 03 Jul 2025 10:29
 Operator : SY/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Quant Time: Jul 04 03:15:26 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	7.707	168	387913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	648160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	537972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	252496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209510	48.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.634	113	199592	50.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.109	98	799069	51.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.402	95	236501	47.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	70580	21.278	ug/l	98
3) Chloromethane	2.068	50	127454	20.122	ug/l	99
4) Vinyl Chloride	2.202	62	159294	20.130	ug/l	98
5) Bromomethane	2.592	94	122010	19.612	ug/l	97
6) Chloroethane	2.733	64	107980	20.300	ug/l	93
7) Trichlorofluoromethane	3.056	101	169518	19.346	ug/l	95
8) Diethyl Ether	3.452	74	45033	20.809	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	87150	21.764	ug/l	98
10) Methyl Iodide	4.001	142	97838	22.441	ug/l	99
11) Tert butyl alcohol	4.854	59	20469	71.102	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	83297	21.214	ug/l	100
13) Acrolein	3.653	56	25473	65.254	ug/l	99
14) Allyl chloride	4.385	41	129036	21.366	ug/l	96
15) Acrylonitrile	5.055	53	84609	93.703	ug/l	99
16) Acetone	3.873	43	111716	136.521	ug/l	100
17) Carbon Disulfide	4.104	76	267737	21.108	ug/l	99
18) Methyl Acetate	4.379	43	43949	16.217	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	195944	18.328	ug/l	98
20) Methylene Chloride	4.610	84	123955	23.986	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	93980	20.943	ug/l	96
22) Diisopropyl ether	6.019	45	283845	21.163	ug/l	98
23) Vinyl Acetate	5.958	43	731439	98.745	ug/l	98
24) 1,1-Dichloroethane	5.915	63	174928	21.593	ug/l	99
25) 2-Butanone	6.890	43	127266	106.858	ug/l	97
26) 2,2-Dichloropropane	6.884	77	149021	21.944	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	107102	20.539	ug/l	98
28) Bromochloromethane	7.244	49	69235	20.328	ug/l	98
29) Tetrahydrofuran	7.268	42	65265	86.784	ug/l	98
30) Chloroform	7.421	83	175044	20.978	ug/l	97
31) Cyclohexane	7.701	56	157776	21.217	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	153070	21.229	ug/l	99
36) 1,1-Dichloropropene	7.835	75	128212	21.459	ug/l	99
37) Ethyl Acetate	6.988	43	50224	19.480	ug/l	99
38) Carbon Tetrachloride	7.823	117	133029	21.102	ug/l	95
39) Methylcyclohexane	9.109	83	159255	20.597	ug/l	97
40) Benzene	8.079	78	393017	21.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27881	17.566	ug/l	97
42) 1,2-Dichloroethane	8.158	62	103916	20.644	ug/l	98
43) Isopropyl Acetate	8.195	43	95778	17.874	ug/l	99
44) Trichloroethene	8.866	130	97639	21.170	ug/l	98
45) 1,2-Dichloropropane	9.140	63	92009	21.401	ug/l	99
46) Dibromomethane	9.231	93	47317	19.387	ug/l	96
47) Bromodichloromethane	9.420	83	128308	20.387	ug/l	99
48) Methyl methacrylate	9.219	41	47289	18.357	ug/l	95
49) 1,4-Dioxane	9.231	88	9157	317.567	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	241570	88.713	ug/l	98
52) Toluene	10.170	92	238824	20.608	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	108776	19.210	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	133699	20.363	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	61407	19.431	ug/l	96
56) Ethyl methacrylate	10.439	69	71109	16.724	ug/l	94
57) 1,3-Dichloropropane	10.719	76	106682	19.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	182772	92.321	ug/l	100
59) 2-Hexanone	10.762	43	180193	97.331	ug/l	100
60) Dibromochloromethane	10.914	129	78126	19.139	ug/l	98
61) 1,2-Dibromoethane	11.018	107	53694	18.156	ug/l	100
64) Tetrachloroethene	10.646	164	113322	22.298	ug/l	98
65) Chlorobenzene	11.438	112	246846	20.882	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	83151	20.768	ug/l	99
67) Ethyl Benzene	11.518	91	444341	21.394	ug/l	99
68) m/p-Xylenes	11.627	106	340082	42.359	ug/l	100
69) o-Xylene	11.950	106	152396	20.145	ug/l	97
70) Styrene	11.969	104	255350	20.151	ug/l	100
71) Bromoform	12.133	173	39349	17.650	ug/l #	93
73) Isopropylbenzene	12.255	105	406452	21.766	ug/l	99
74) N-amyl acetate	12.072	43	76832	18.330	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	56862	18.894	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	47637m	18.480	ug/l	
77) Bromobenzene	12.530	156	85396	20.175	ug/l	97
78) n-propylbenzene	12.591	91	501335	22.236	ug/l	99
79) 2-Chlorotoluene	12.676	91	276414	21.700	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	322847	21.417	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	19815	19.420	ug/l	99
82) 4-Chlorotoluene	12.773	91	285435	21.333	ug/l	99
83) tert-Butylbenzene	12.993	119	285631	21.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	319638	21.179	ug/l	99
85) sec-Butylbenzene	13.176	105	432243	21.609	ug/l	99
86) p-Isopropyltoluene	13.292	119	352748	21.191	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	175614	20.659	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	173497	20.546	ug/l	99
89) n-Butylbenzene	13.615	91	332530	21.237	ug/l	100
90) Hexachloroethane	13.877	117	71505	21.568	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	146920	19.612	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9096	17.822	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	74824	17.690	ug/l	98
94) Hexachlorobutadiene	15.023	225	47153	19.715	ug/l	99
95) Naphthalene	15.145	128	116220	15.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	61871	16.928	ug/l	99

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QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

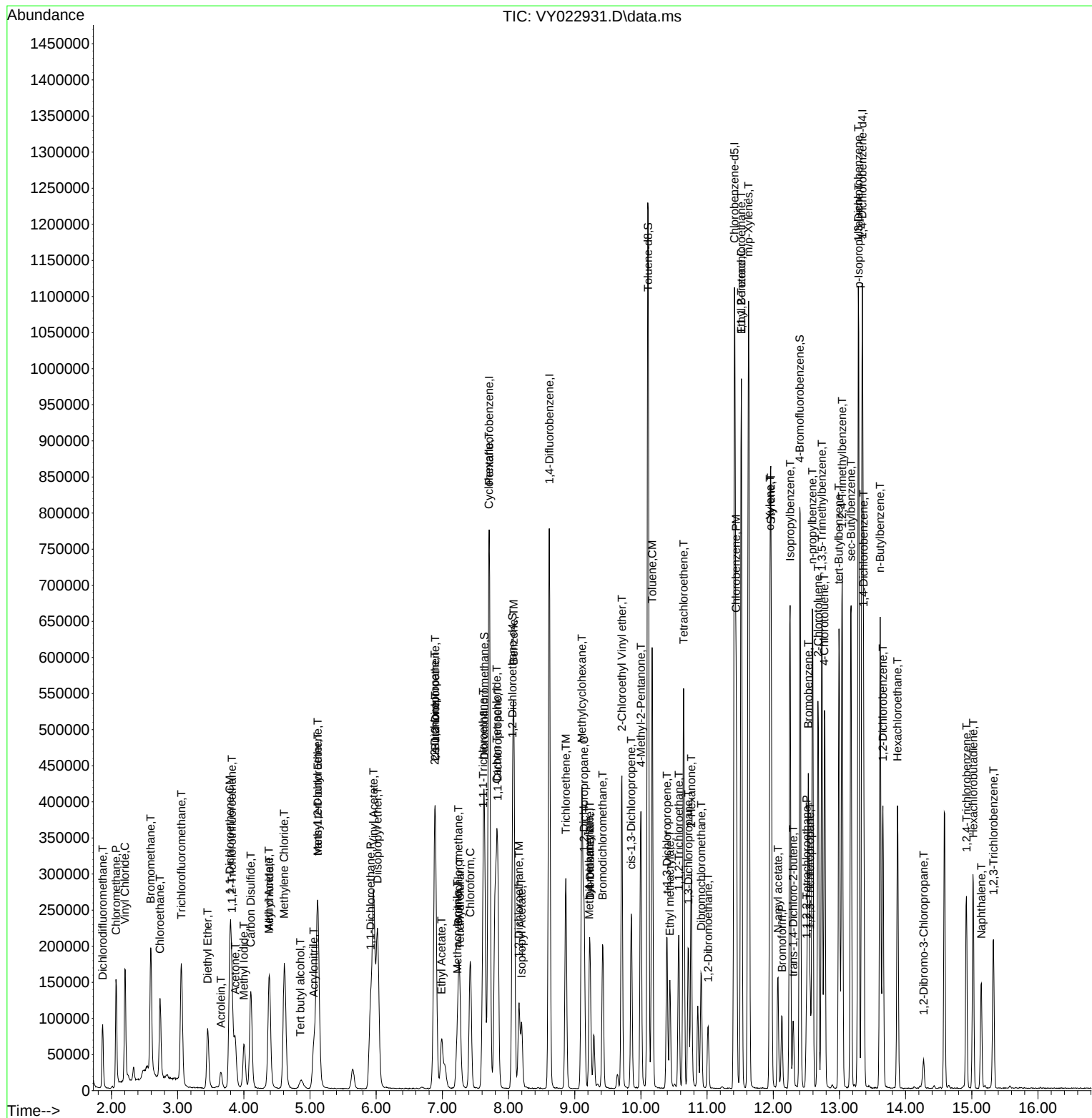
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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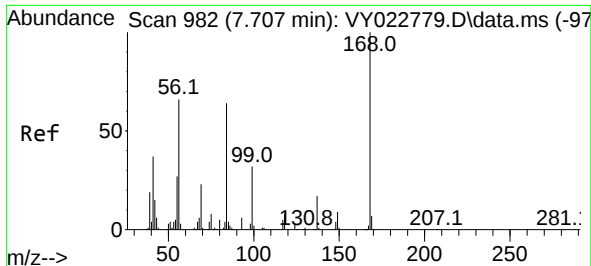
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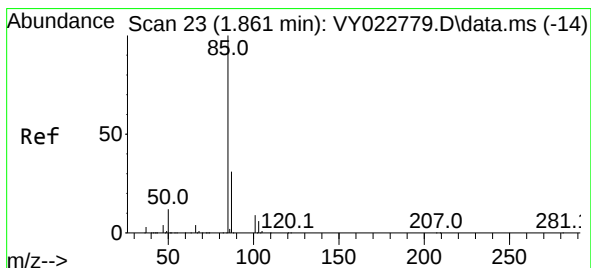
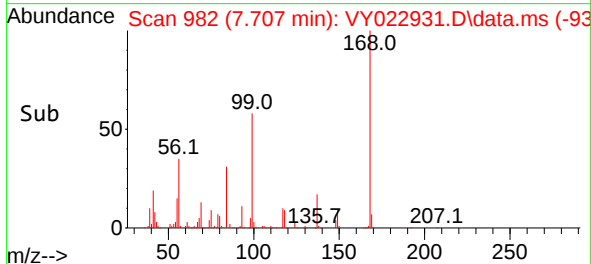
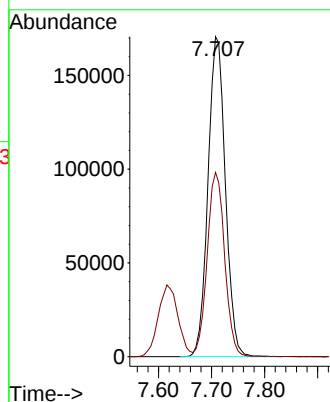
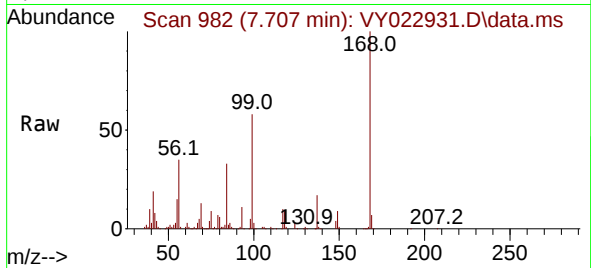




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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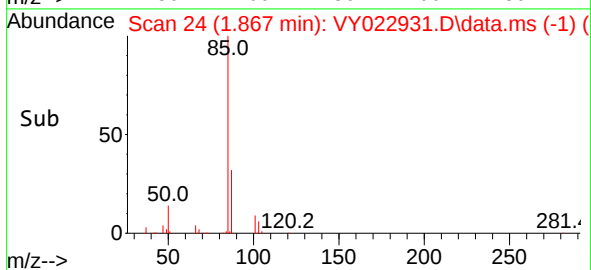
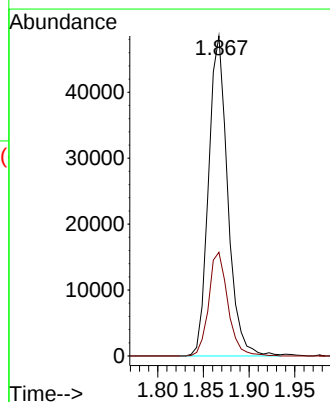
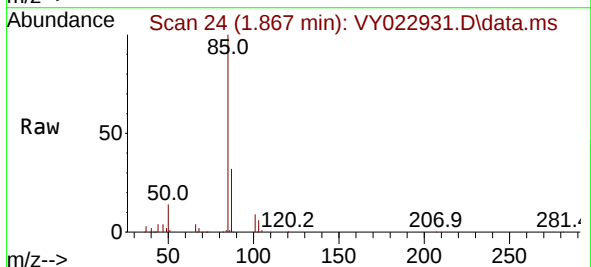
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

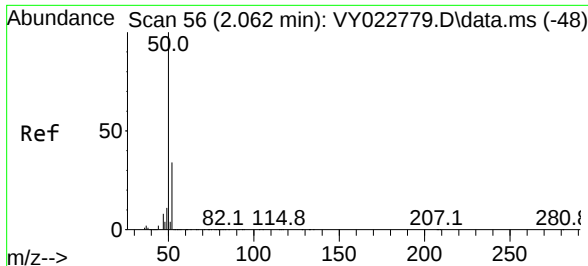
Tgt Ion:168 Resp: 387913
Ion Ratio Lower Upper
168 100
99 57.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.278 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 85 Resp: 70580
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.0

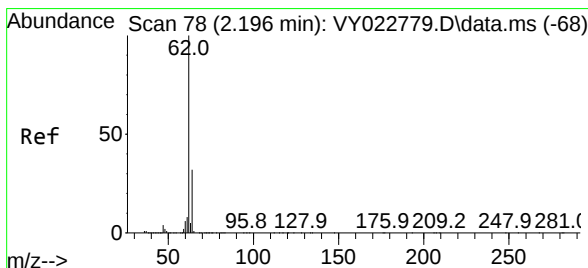
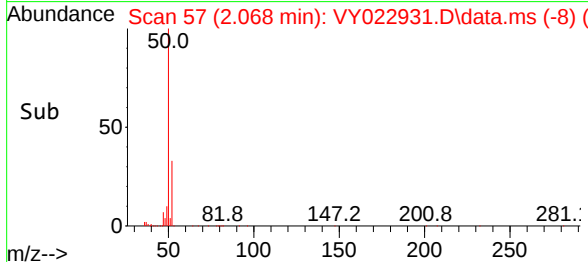
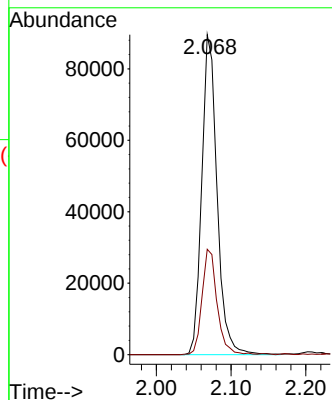
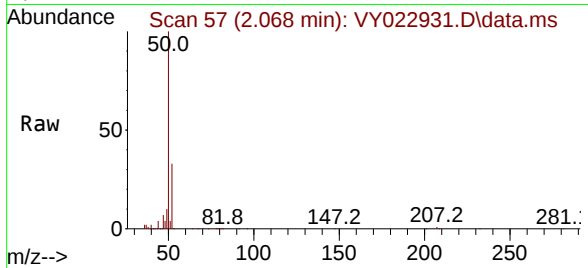




#3
Chloromethane
Concen: 20.122 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

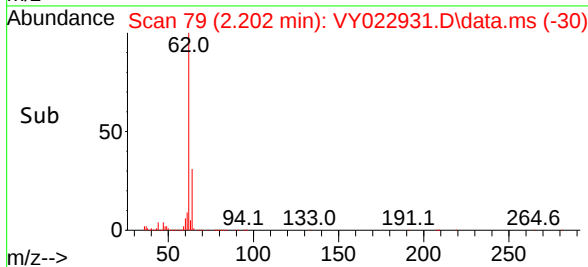
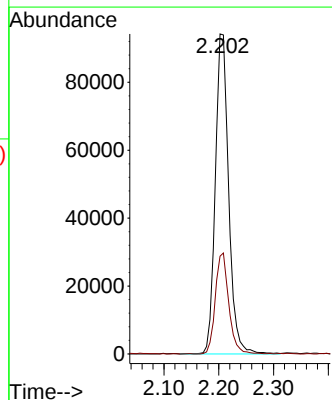
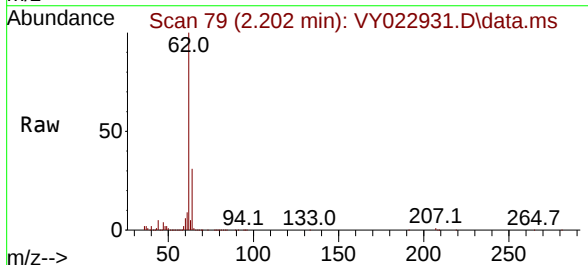
Instrument :
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ClientSampleId :
VY0703SBS01

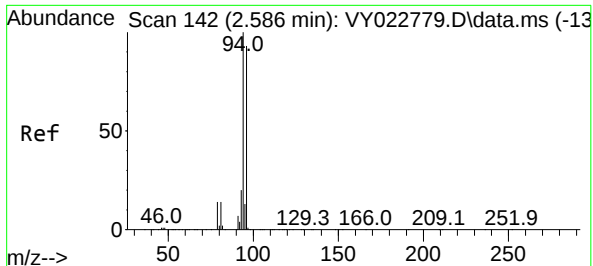
Tgt Ion: 50 Resp: 127454
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 20.130 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 62 Resp: 159294
Ion Ratio Lower Upper
62 100
64 30.5 25.3 37.9

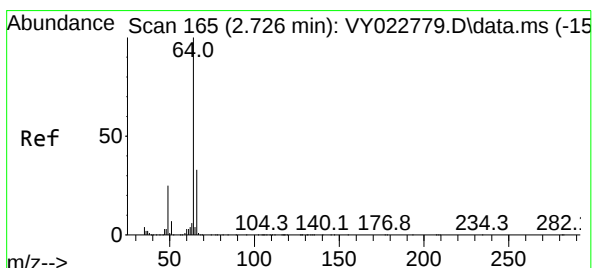
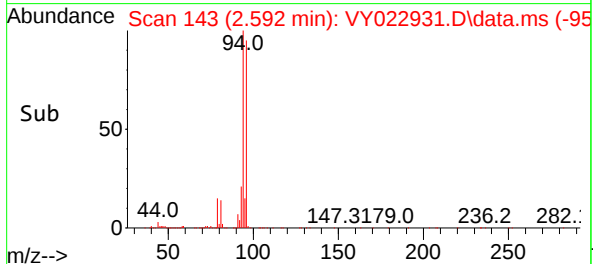
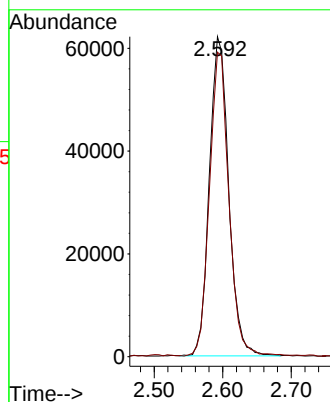
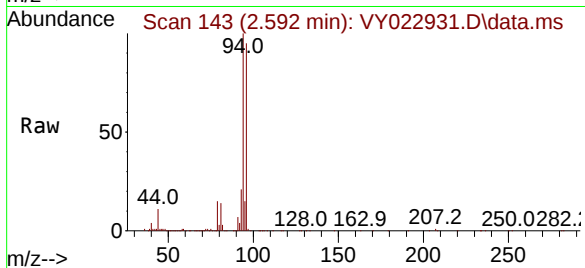




#5
Bromomethane
Concen: 19.612 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022931.D
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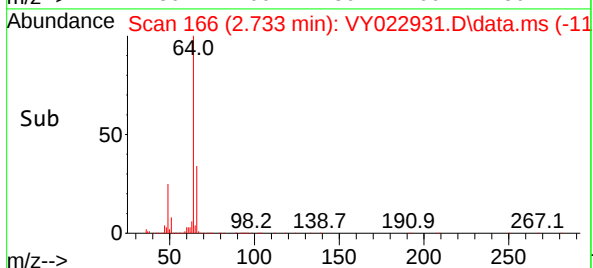
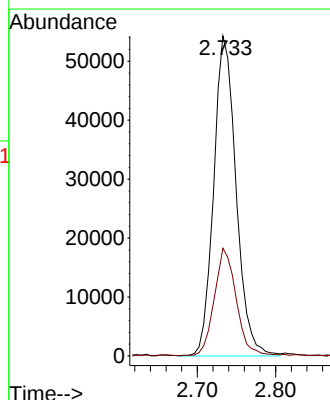
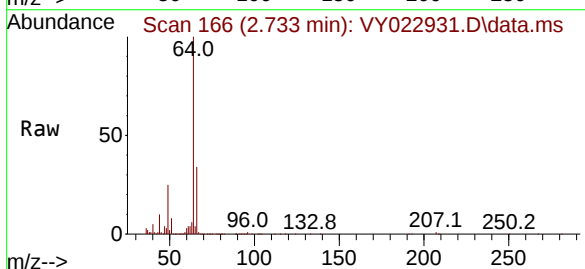
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 122010
Ion Ratio Lower Upper
94 100
96 95.0 74.0 111.0



#6
Chloroethane
Concen: 20.300 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 64 Resp: 107980
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.6

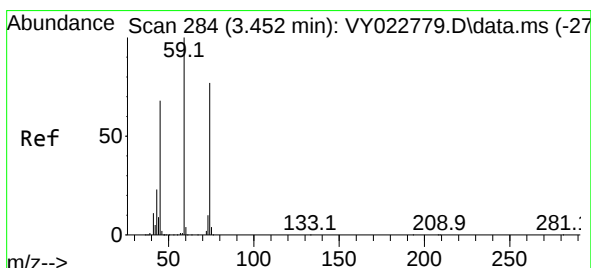
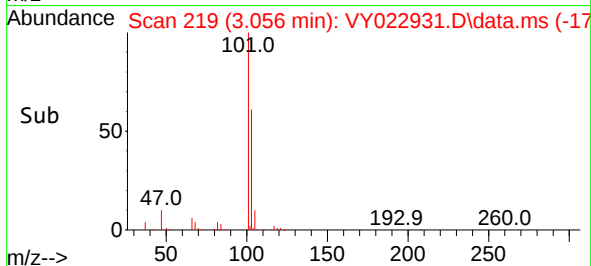
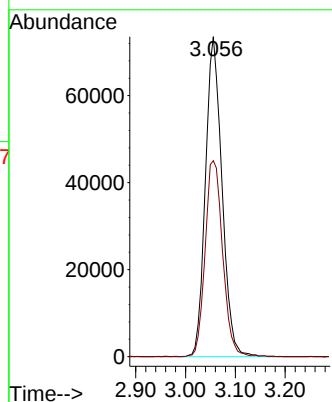
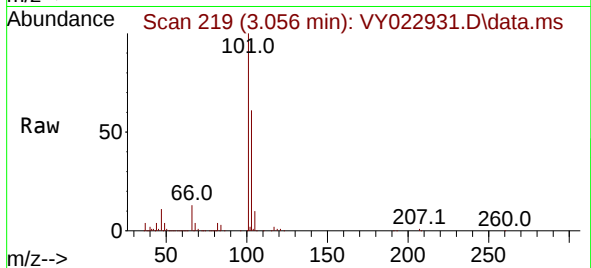




#7
Trichlorofluoromethane
Concen: 19.346 ug/l
RT: 3.056 min Scan# 217
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

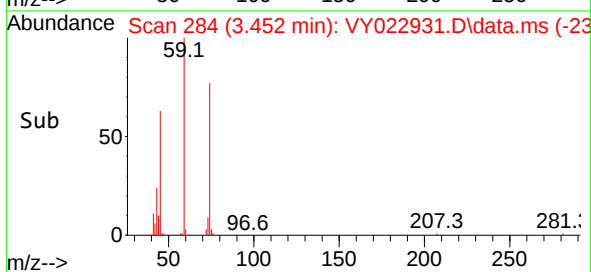
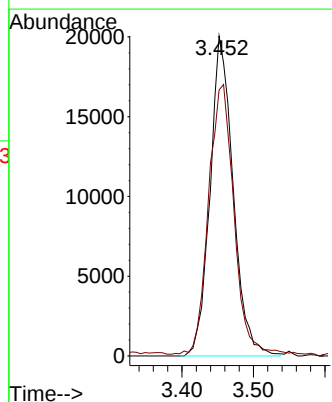
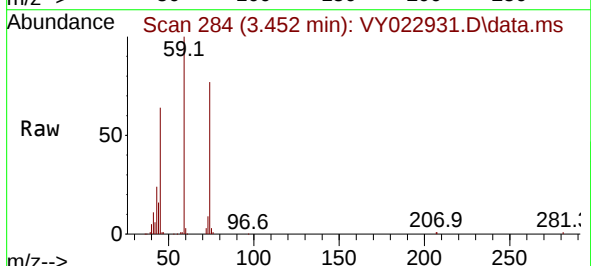
Instrument :
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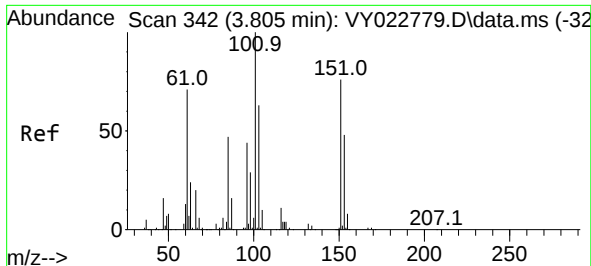
Tgt Ion:101 Resp: 169518
Ion Ratio Lower Upper
101 100
103 61.3 52.2 78.2



#8
Diethyl Ether
Concen: 20.809 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022931.D
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Tgt Ion: 74 Resp: 45033
Ion Ratio Lower Upper
74 100
45 95.3 45.9 137.6

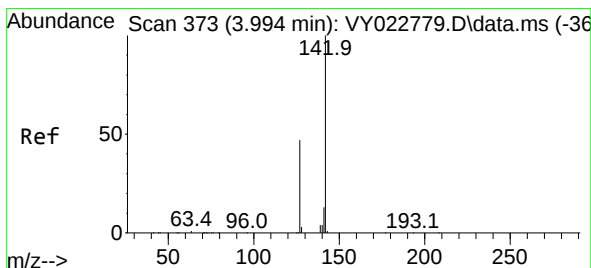
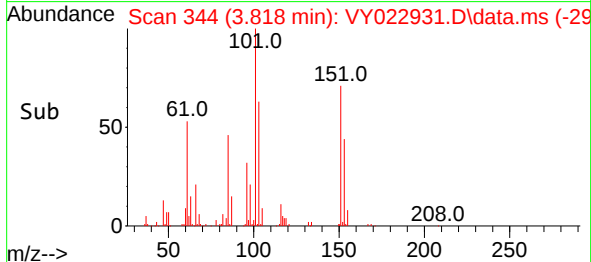
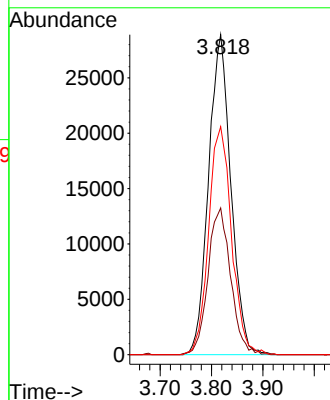
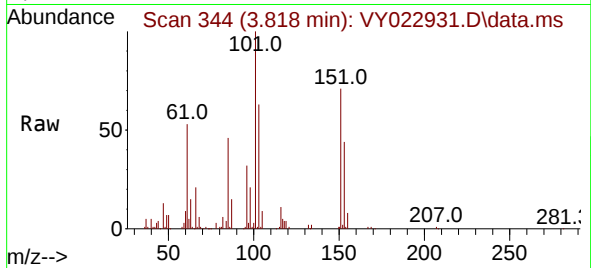




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.764 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

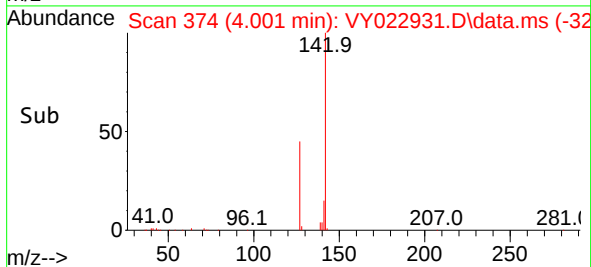
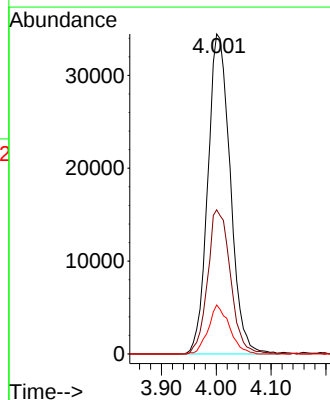
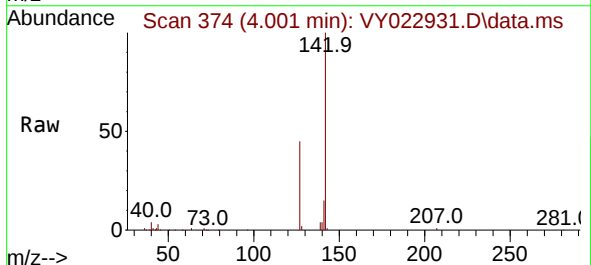
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

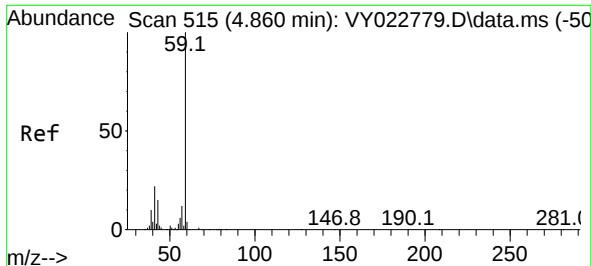
Tgt Ion:101 Resp: 87150
Ion Ratio Lower Upper
101 100
85 46.5 39.3 58.9
151 73.3 57.8 86.8



#10
Methyl Iodide
Concen: 22.441 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:142 Resp: 97838
Ion Ratio Lower Upper
142 100
127 45.9 37.1 55.7
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 71.102 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.031 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

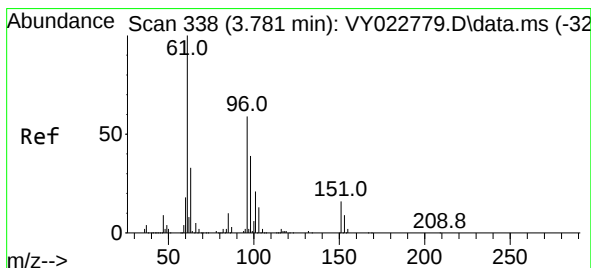
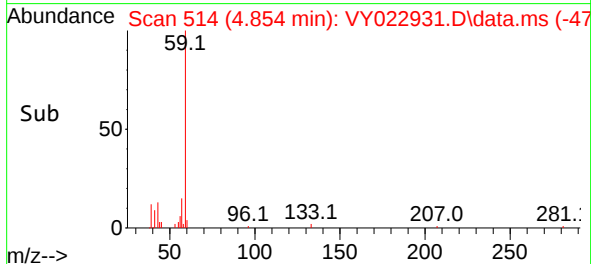
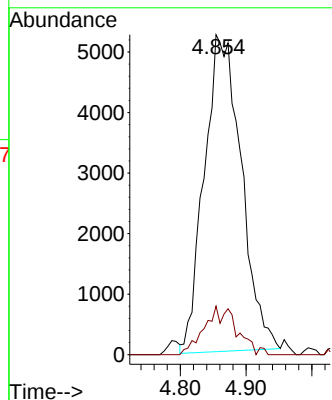
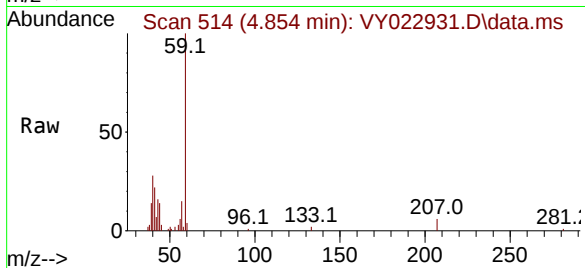
VY0703SBS01

Tgt Ion: 59 Resp: 20469

Ion Ratio Lower Upper

59 100

57 6.9 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 21.214 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

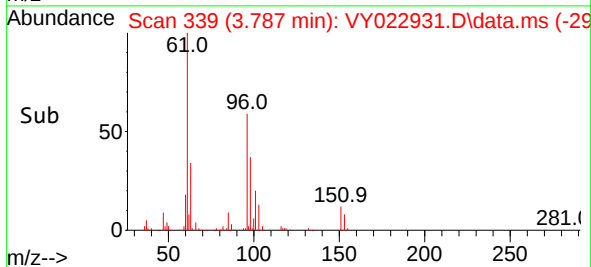
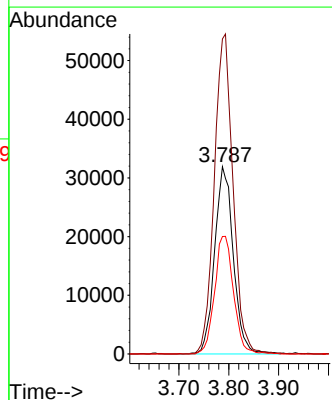
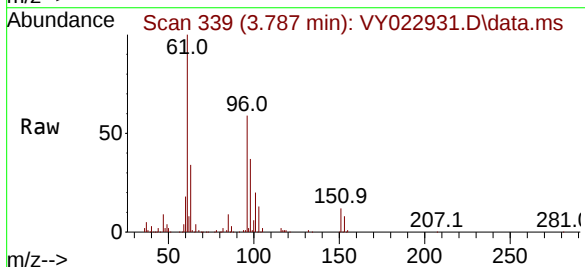
Tgt Ion: 96 Resp: 83297

Ion Ratio Lower Upper

96 100

61 168.0 134.6 201.8

98 62.7 50.2 75.4

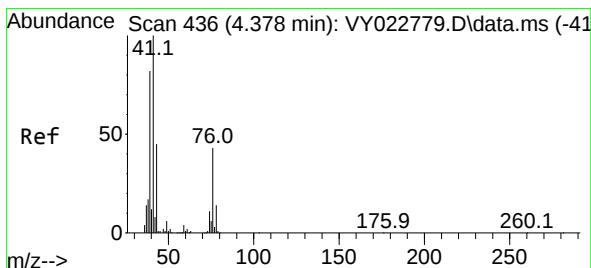
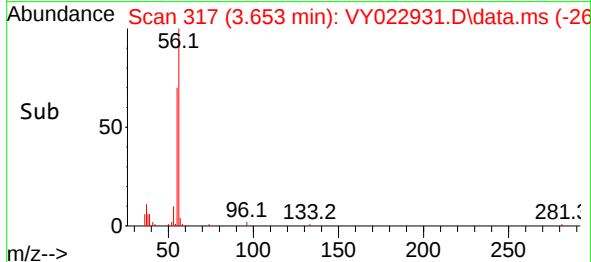
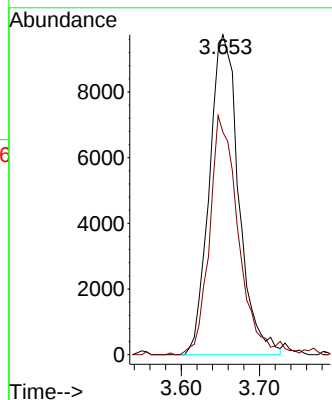
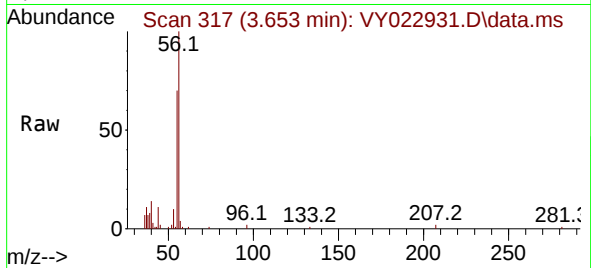




#13
Acrolein
Concen: 65.254 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

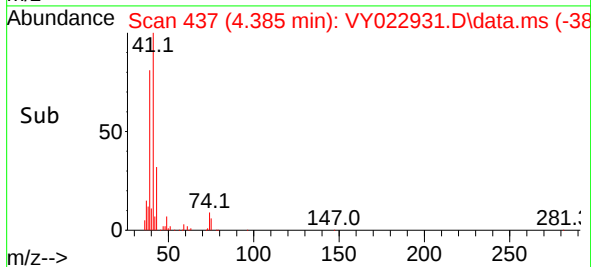
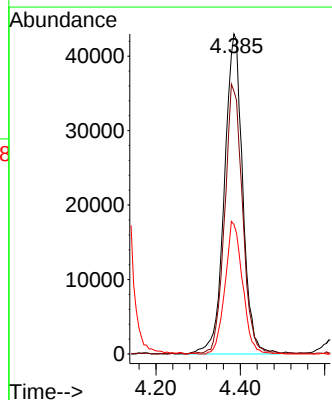
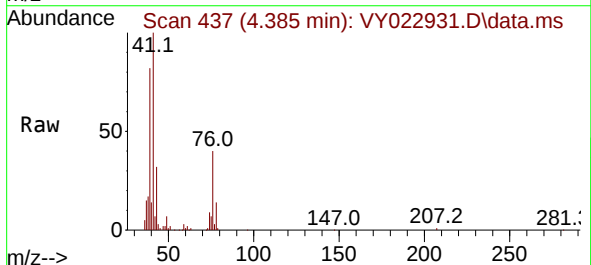
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

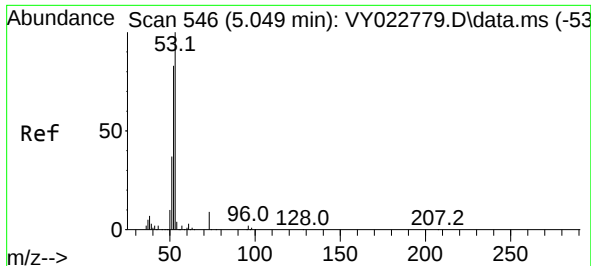
Tgt Ion: 56 Resp: 25473
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6



#14
Allyl chloride
Concen: 21.366 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 41 Resp: 129036
Ion Ratio Lower Upper
41 100
39 82.5 69.1 103.7
76 39.5 33.5 50.3

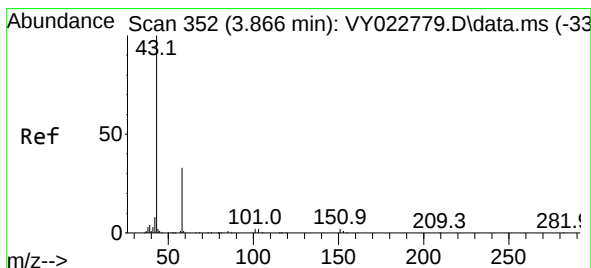
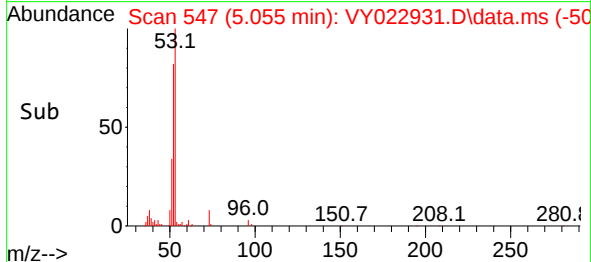
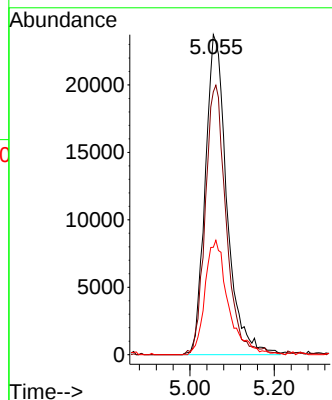
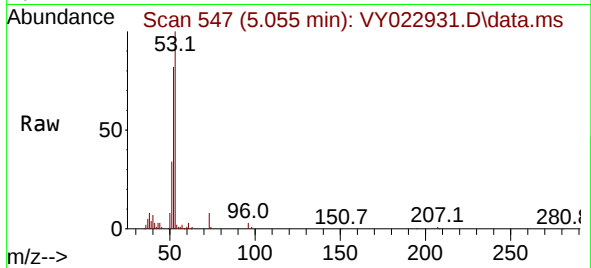




#15
Acrylonitrile
Concen: 93.703 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

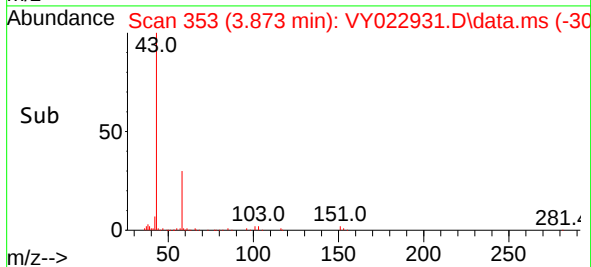
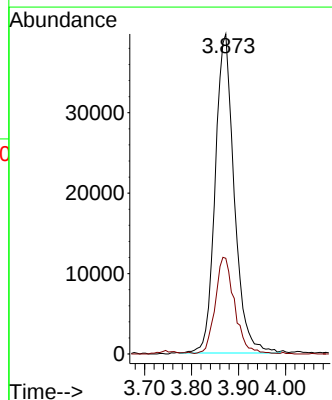
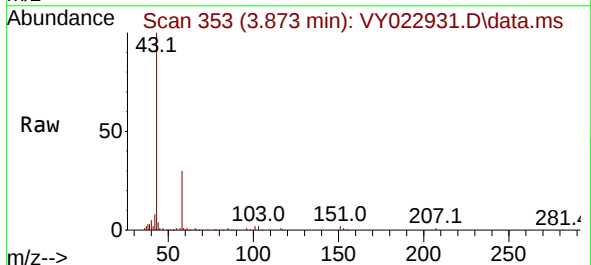
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

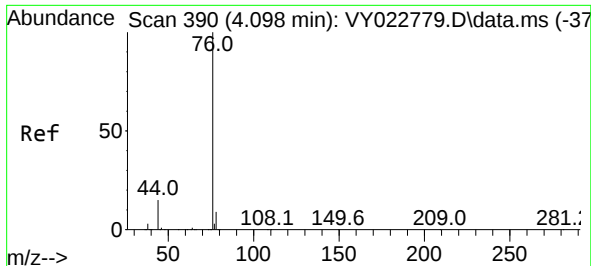
Tgt Ion: 53 Resp: 84609
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 38.5 30.1 45.1



#16
Acetone
Concen: 136.521 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 43 Resp: 111716
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0

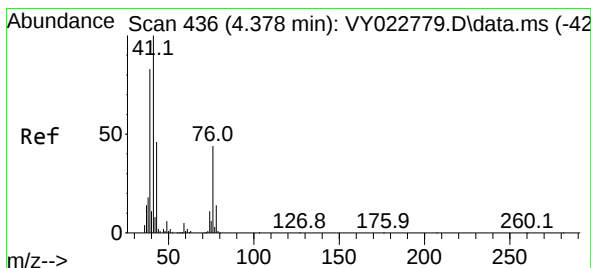
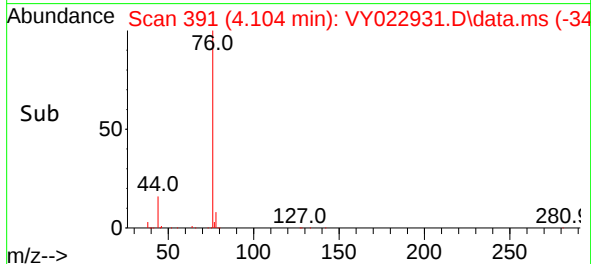
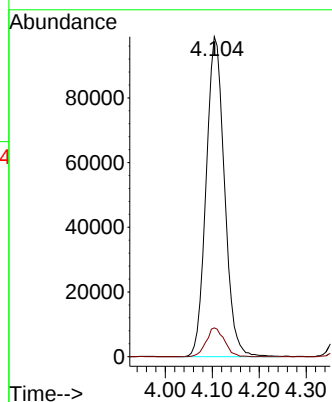
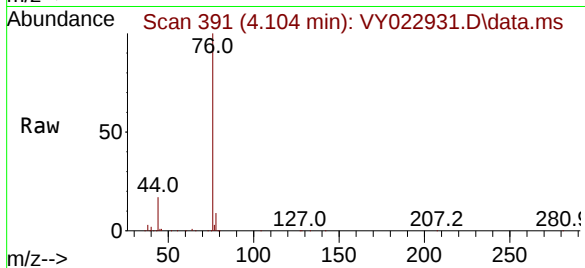




#17
Carbon Disulfide
Concen: 21.108 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

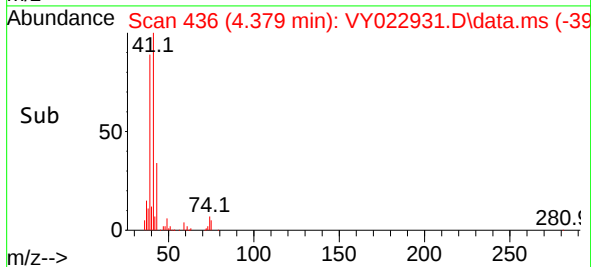
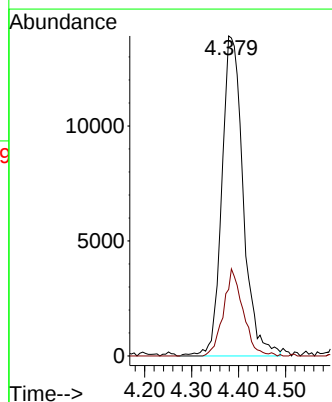
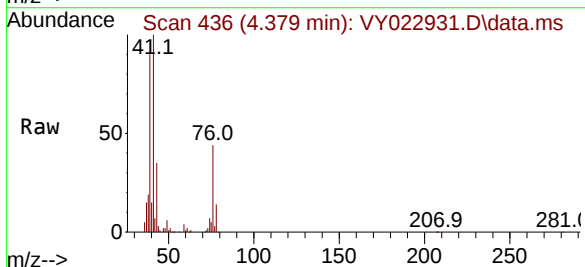
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 76 Resp: 267737
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 16.217 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 43 Resp: 43949
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 18.328 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

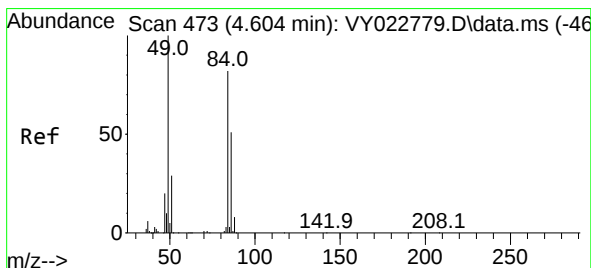
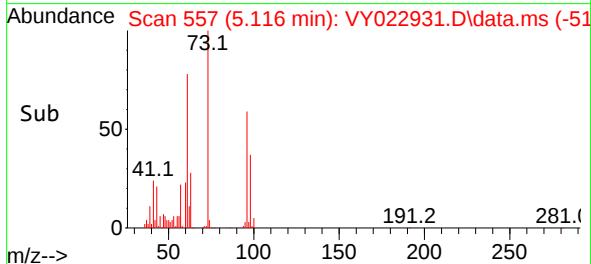
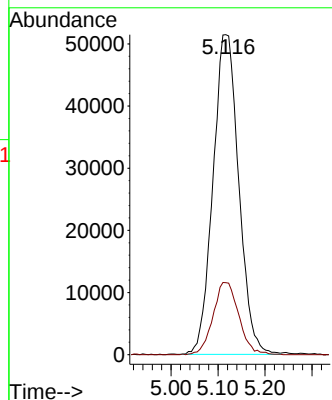
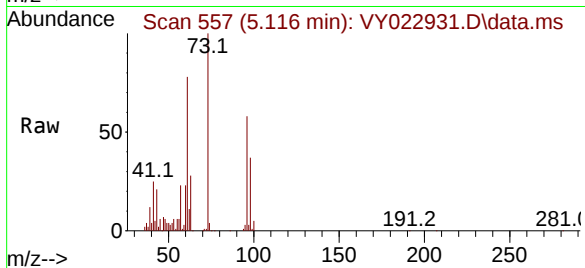
VY0703SBS01

Tgt Ion: 73 Resp: 195944

Ion Ratio Lower Upper

73 100

57 22.6 17.4 26.0



#20

Methylene Chloride

Concen: 23.986 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Tgt Ion: 84 Resp: 123955

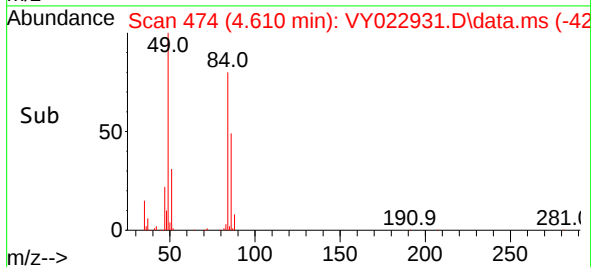
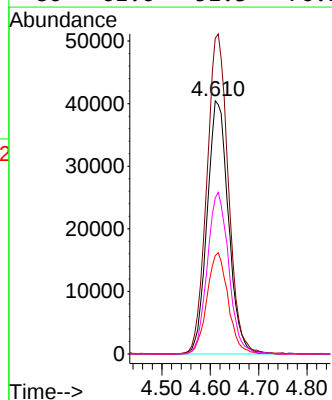
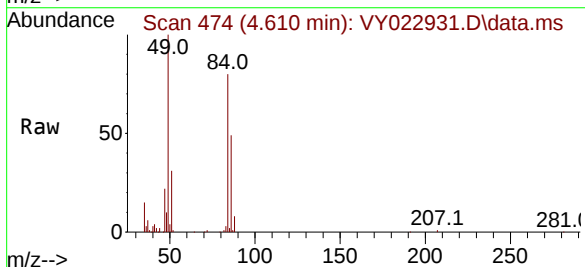
Ion Ratio Lower Upper

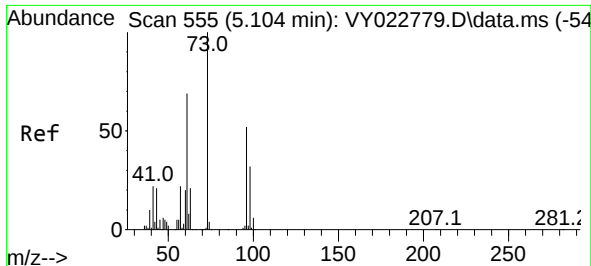
84 100

49 124.8 101.9 152.9

51 38.8 29.8 44.8

86 61.6 51.3 76.9

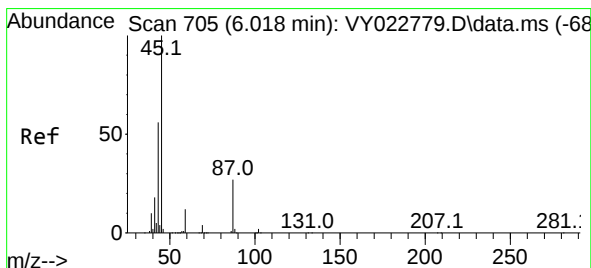
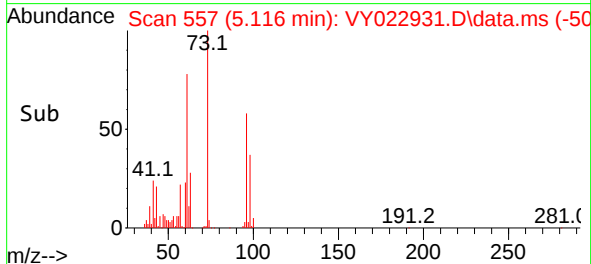
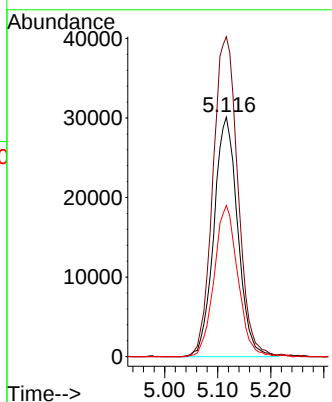
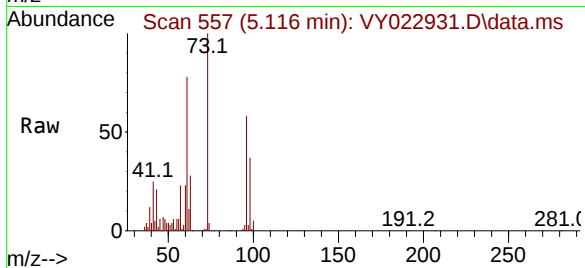




#21
trans-1,2-Dichloroethene
Concen: 20.943 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

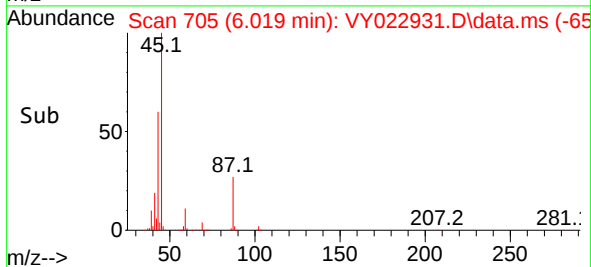
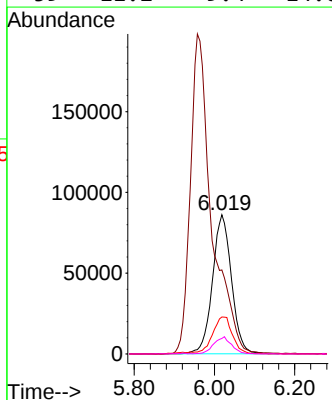
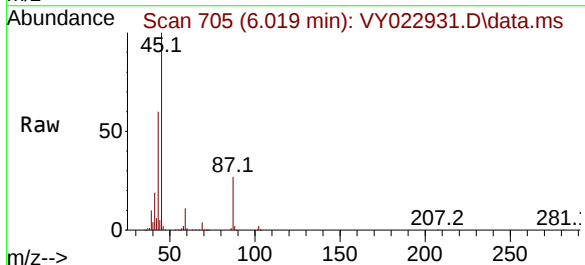
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

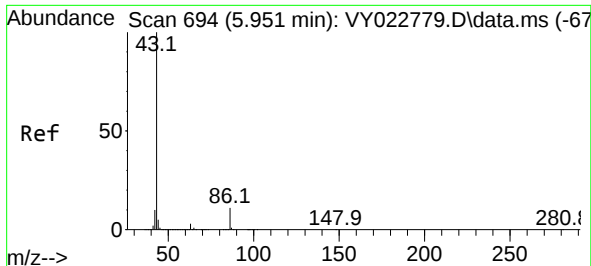
Tgt Ion: 96 Resp: 93980
Ion Ratio Lower Upper
96 100
61 133.6 112.6 169.0
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 21.163 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 45 Resp: 283845
Ion Ratio Lower Upper
45 100
43 59.9 48.3 72.5
87 26.4 23.0 34.6
59 11.2 9.4 14.0

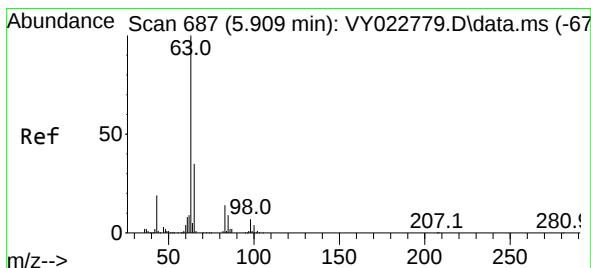
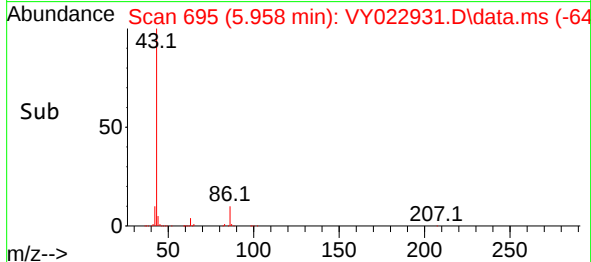
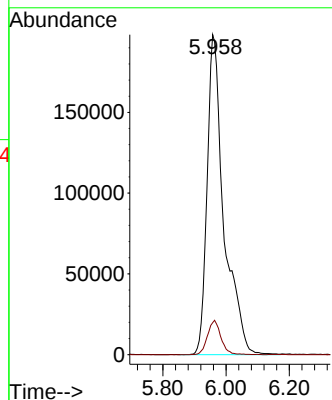
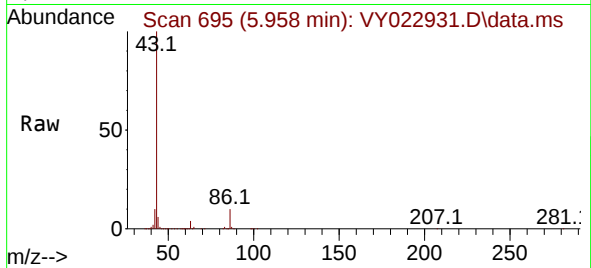




#23
 Vinyl Acetate
 Concen: 98.745 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

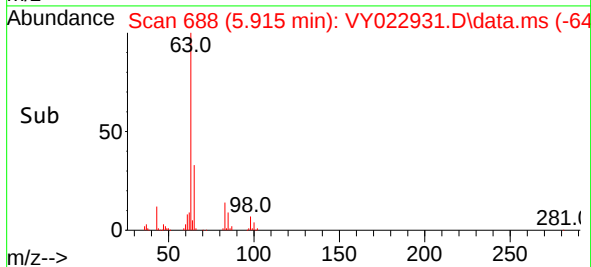
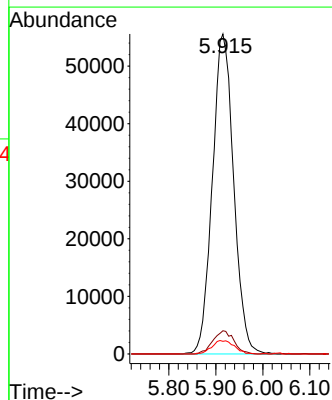
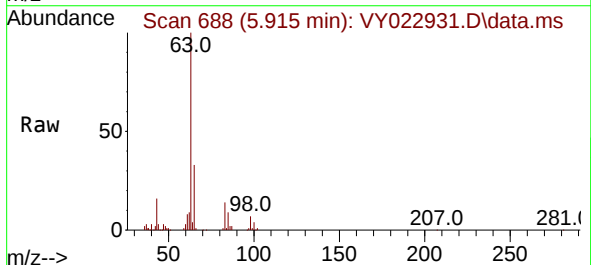
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

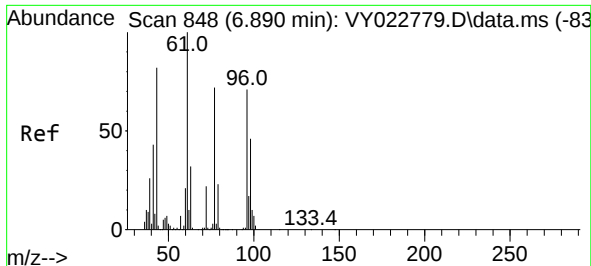
Tgt Ion: 43 Resp: 731439
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.593 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

Tgt Ion: 63 Resp: 174928
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 106.858 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

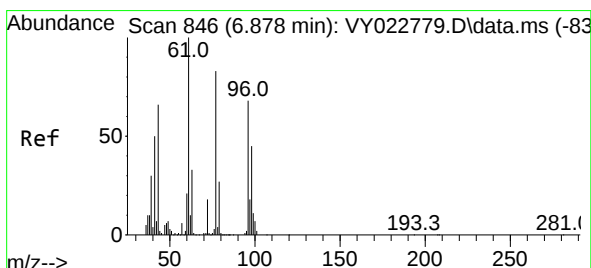
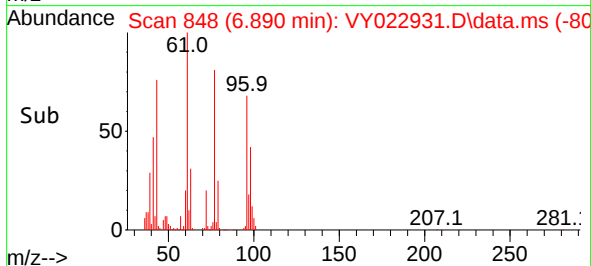
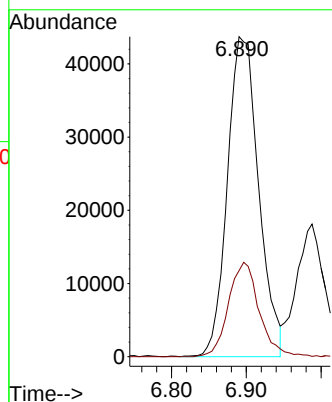
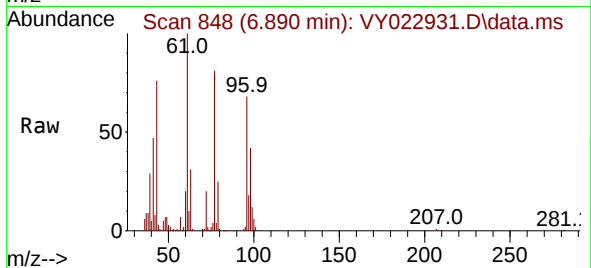
VY0703SBS01

Tgt Ion: 43 Resp: 127266

Ion Ratio Lower Upper

43 100

72 26.9 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.944 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022931.D

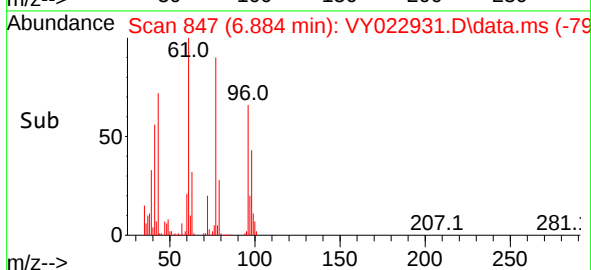
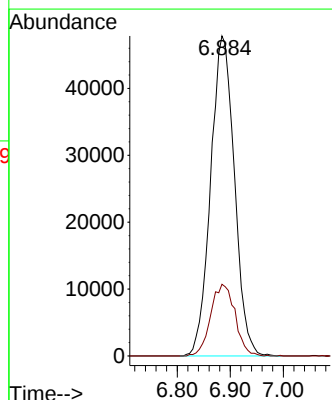
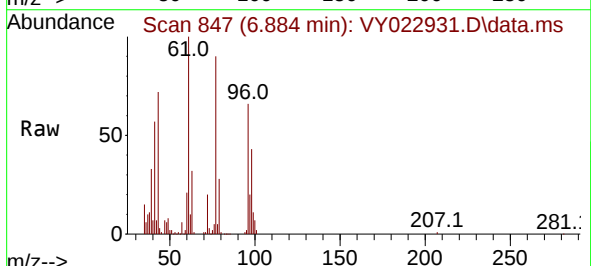
Acq: 03 Jul 2025 10:29

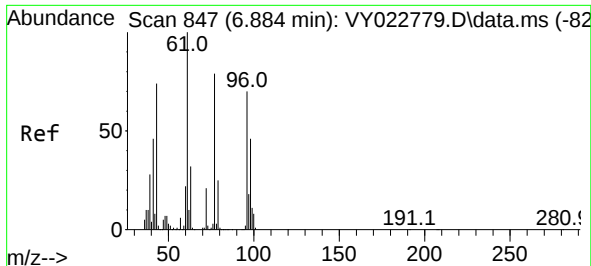
Tgt Ion: 77 Resp: 149021

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



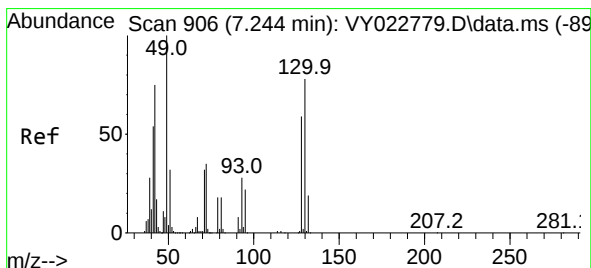
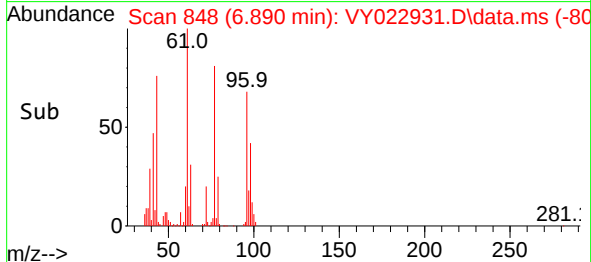
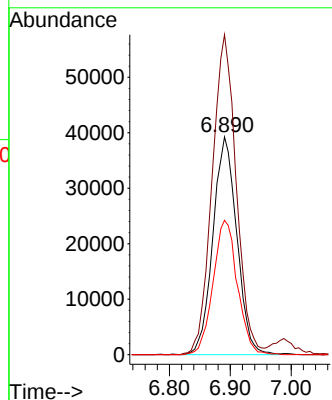
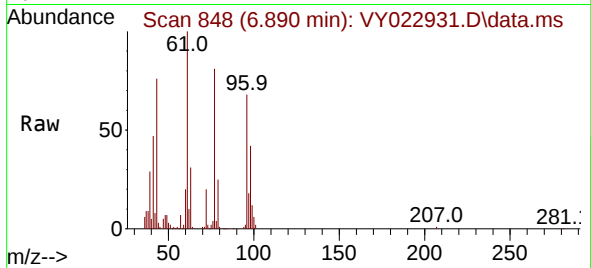


#27
 cis-1,2-Dichloroethene
 Concen: 20.539 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Tgt Ion: 96 Resp: 107102

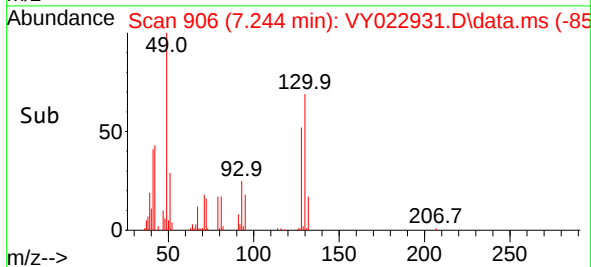
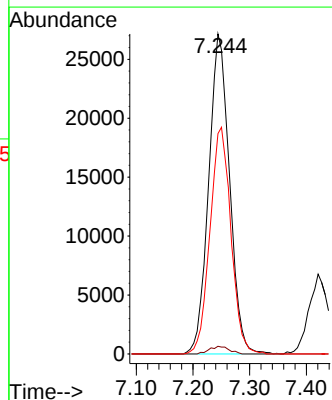
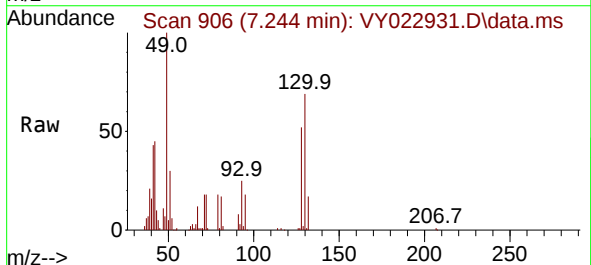
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	290.0
98	62.8	0.0	128.4

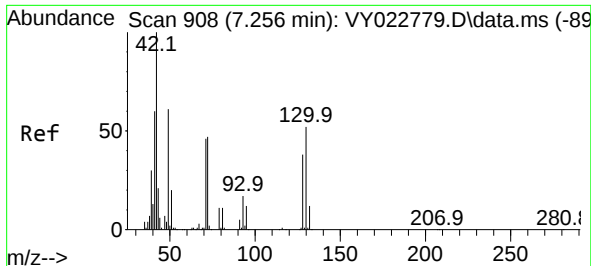


#28
 Bromochloromethane
 Concen: 20.328 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

Tgt Ion: 49 Resp: 69235

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.6
130	71.3	55.7	83.5

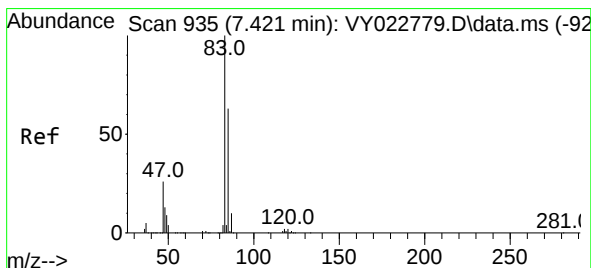
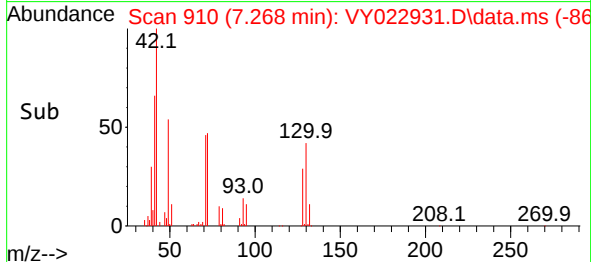
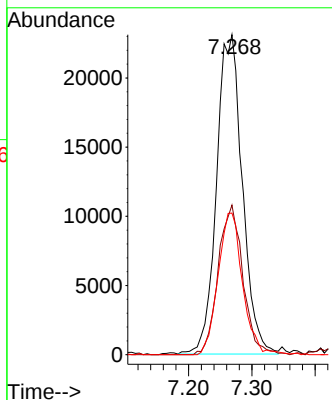
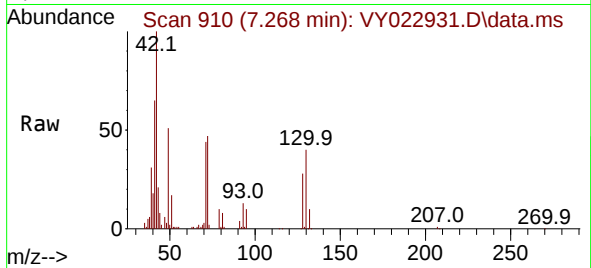




#29
Tetrahydrofuran
Concen: 86.784 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

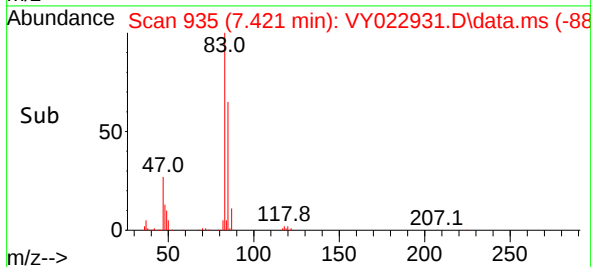
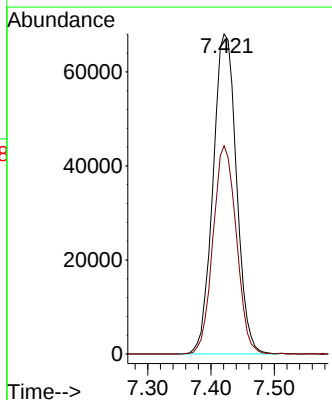
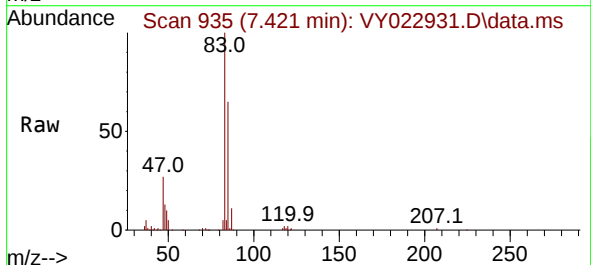
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

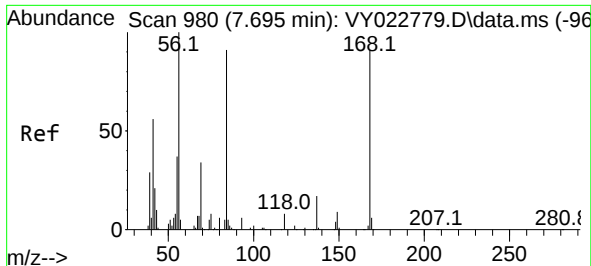
Tgt Ion: 42 Resp: 65265
Ion Ratio Lower Upper
42 100
72 44.9 37.4 56.2
71 42.4 34.2 51.2



#30
Chloroform
Concen: 20.978 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 83 Resp: 175044
Ion Ratio Lower Upper
83 100
85 65.0 54.2 81.4

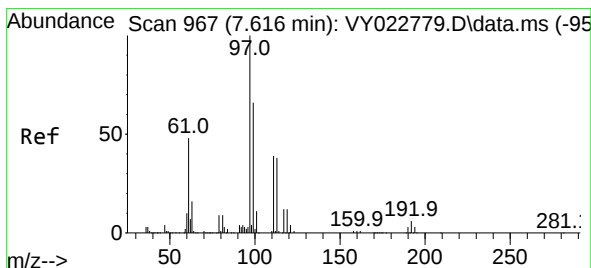
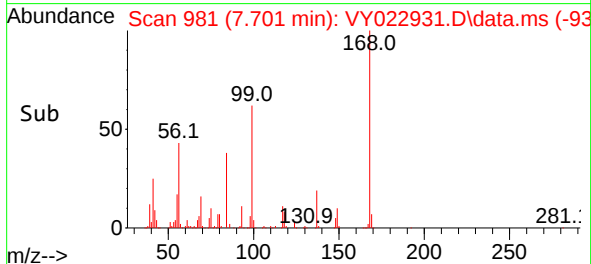
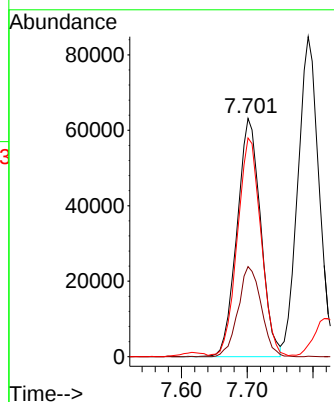
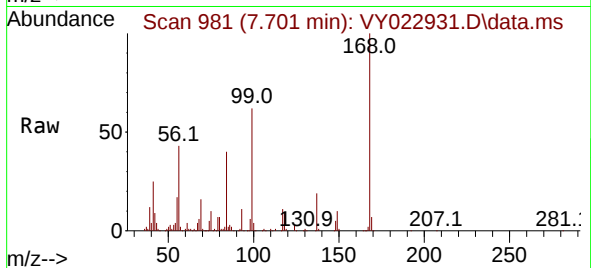




#31
Cyclohexane
Concen: 21.217 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

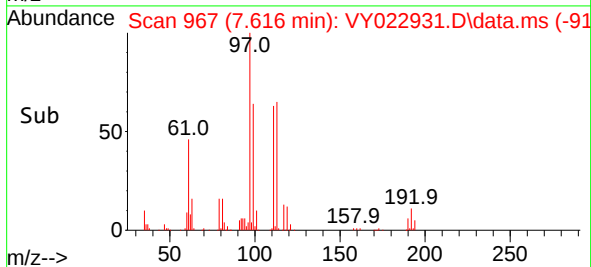
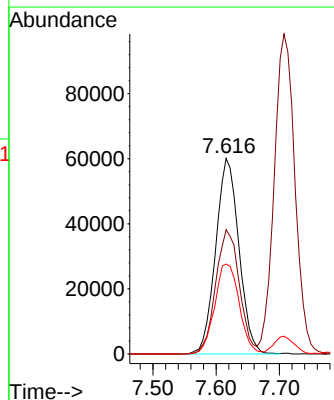
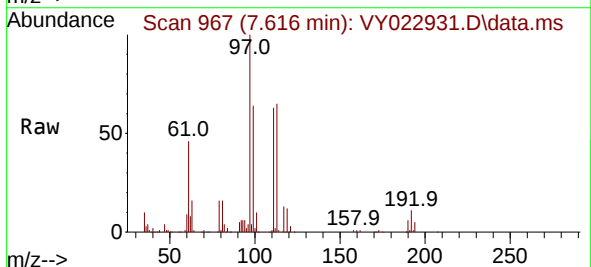
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

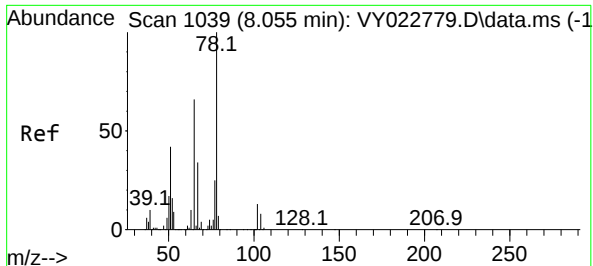
Tgt Ion: 56 Resp: 157776
Ion Ratio Lower Upper
56 100
69 37.8 27.0 40.6
84 91.0 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.229 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 97 Resp: 153070
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 48.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.391 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

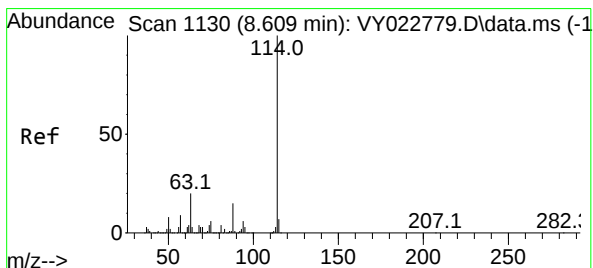
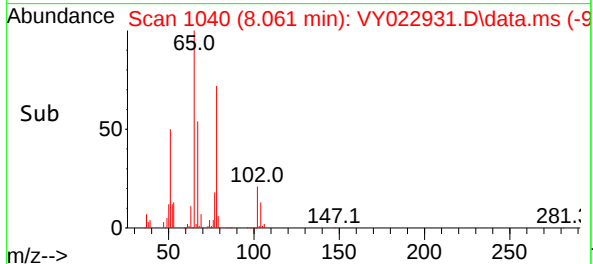
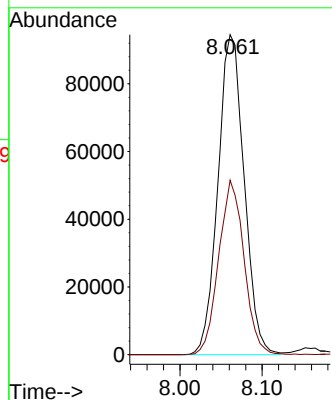
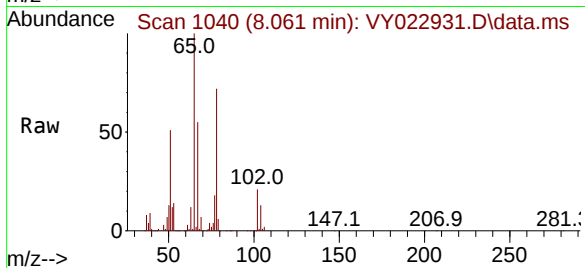
VY0703SBS01

Tgt Ion: 65 Resp: 209510

Ion Ratio Lower Upper

65 100

67 52.8 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: VY022931.D

Acq: 03 Jul 2025 10:29

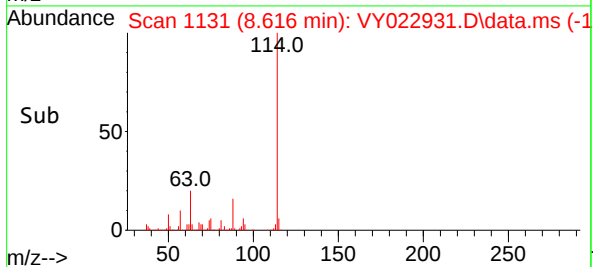
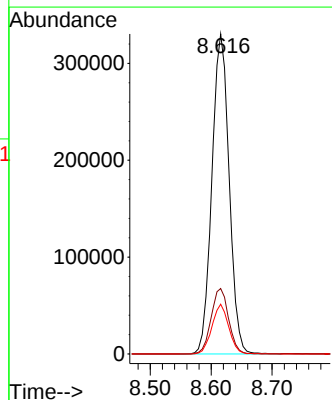
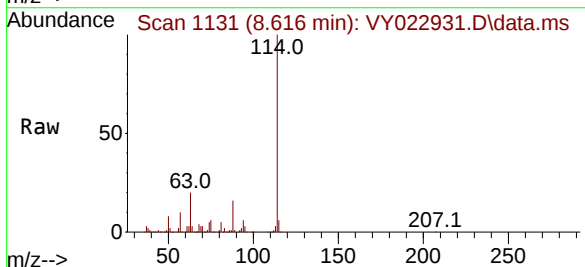
Tgt Ion:114 Resp: 648160

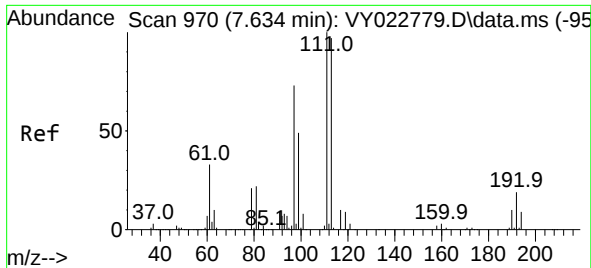
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.6 0.0 27.8

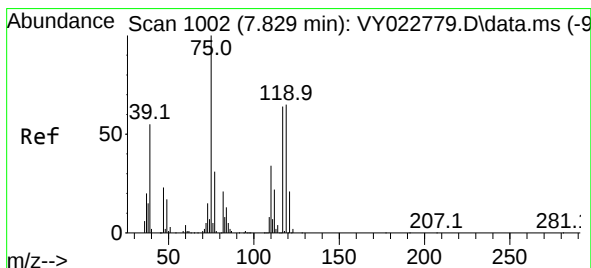
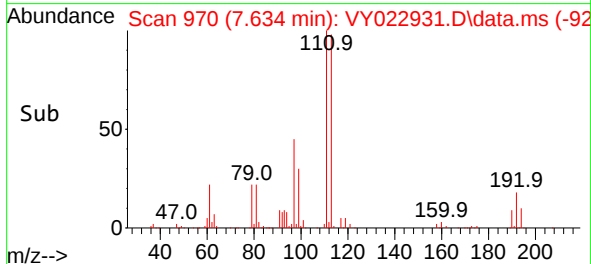
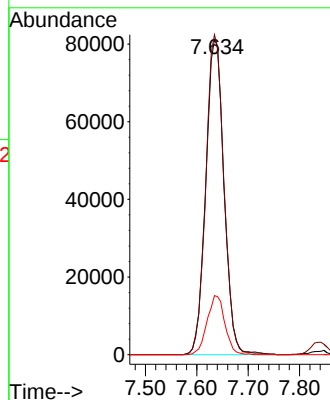
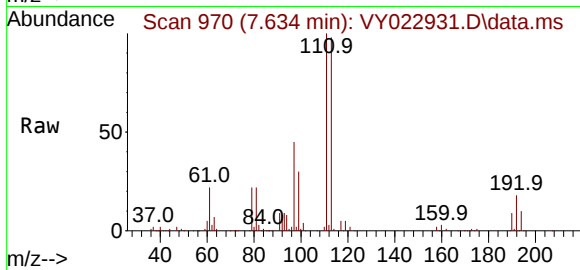




#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

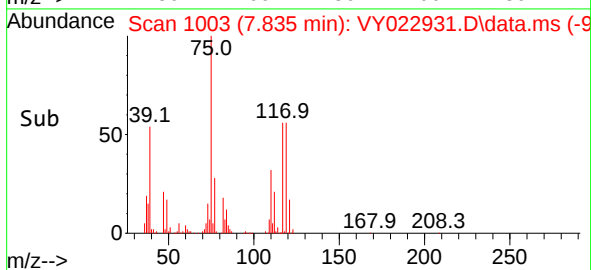
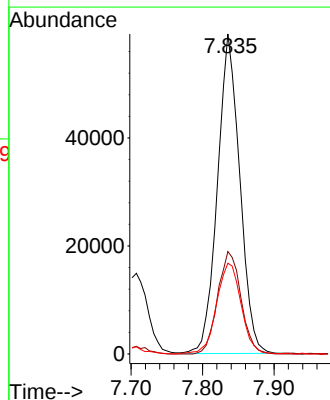
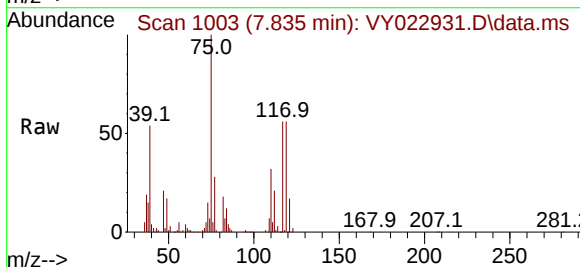
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

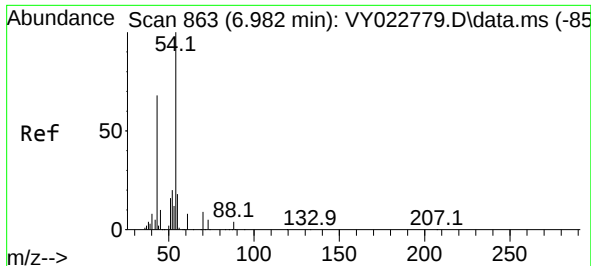
Tgt Ion:113 Resp: 199592
Ion Ratio Lower Upper
113 100
111 100.3 81.1 121.7
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.459 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 75 Resp: 128212
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.7
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 19.480 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

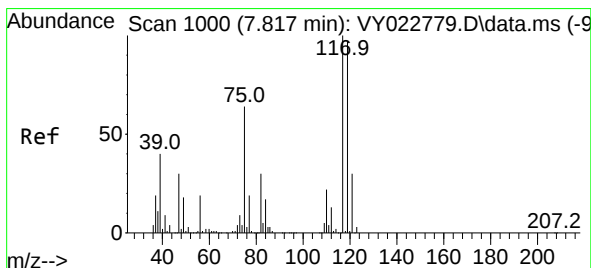
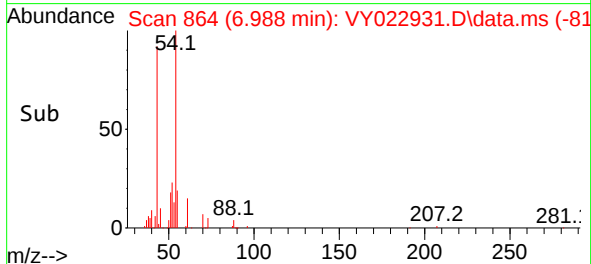
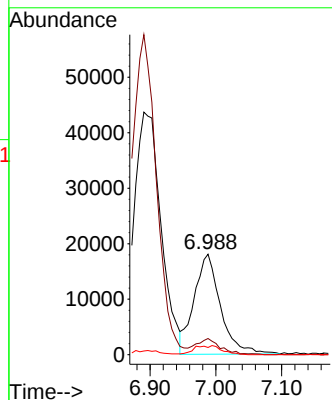
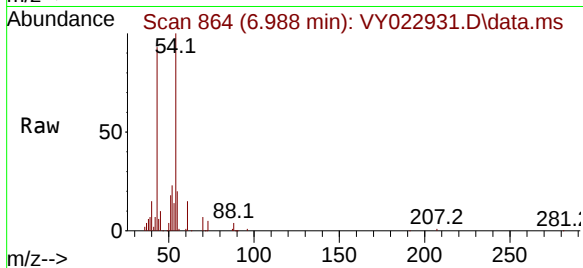
Tgt Ion: 43 Resp: 50224

Ion Ratio Lower Upper

43 100

61 14.9 11.5 17.3

70 9.5 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.102 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

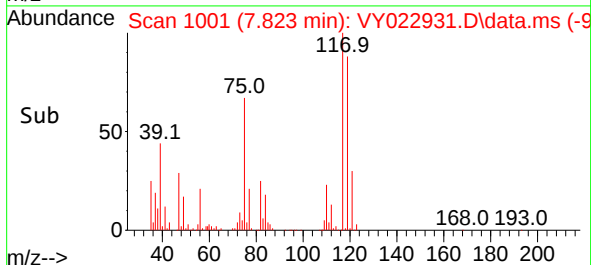
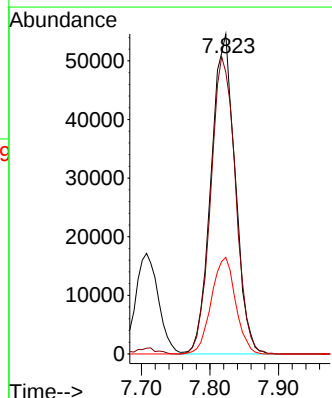
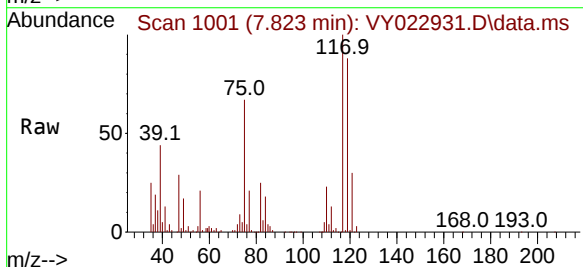
Tgt Ion: 117 Resp: 133029

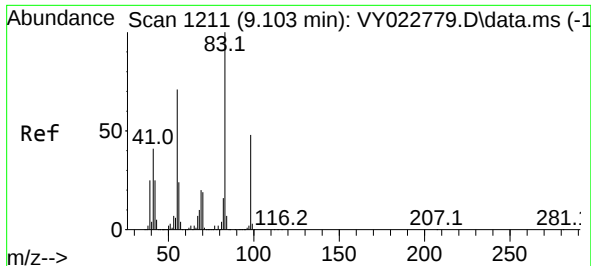
Ion Ratio Lower Upper

117 100

119 88.0 75.0 112.6

121 30.2 25.0 37.4





#39

Methylcyclohexane

Concen: 20.597 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

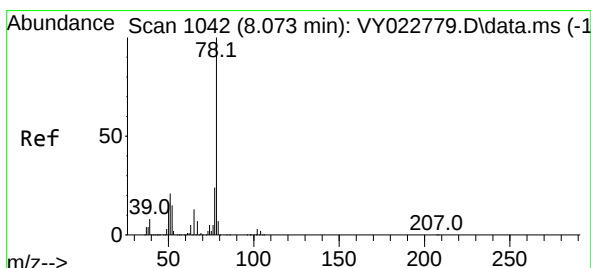
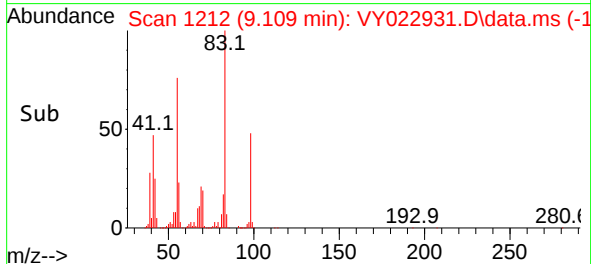
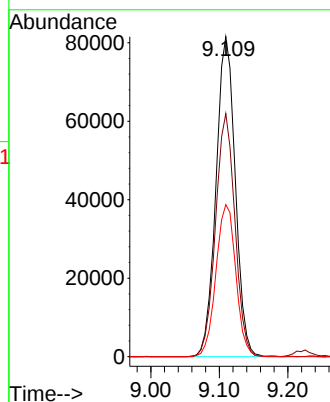
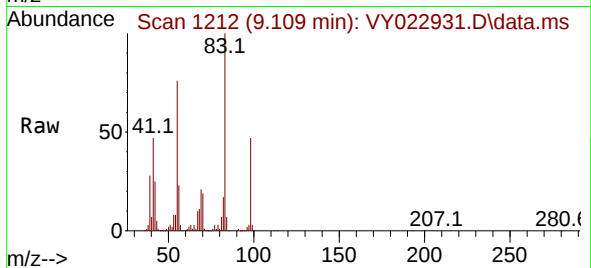
Tgt Ion: 83 Resp: 159255

Ion Ratio Lower Upper

83 100

55 76.0 58.1 87.1

98 47.5 39.0 58.6



#40

Benzene

Concen: 21.395 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022931.D

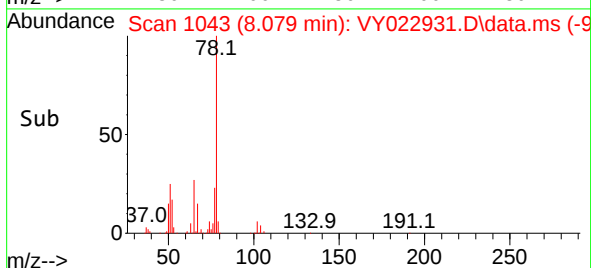
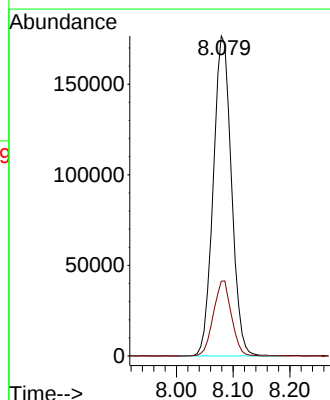
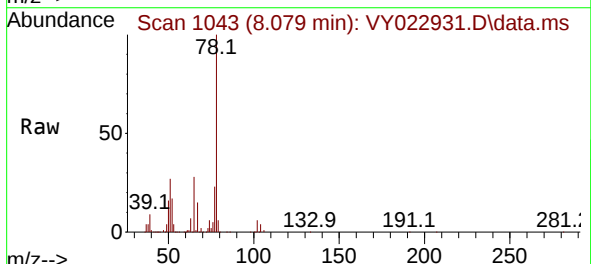
Acq: 03 Jul 2025 10:29

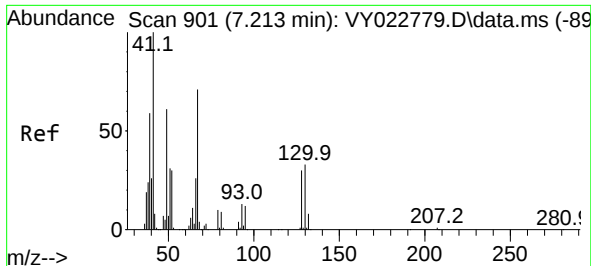
Tgt Ion: 78 Resp: 393017

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

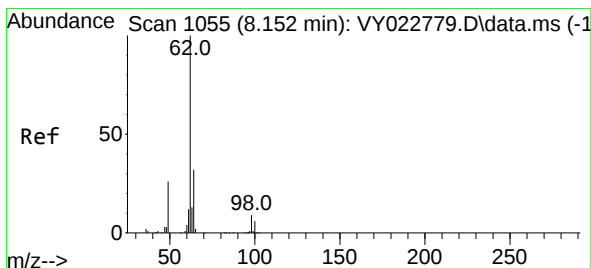
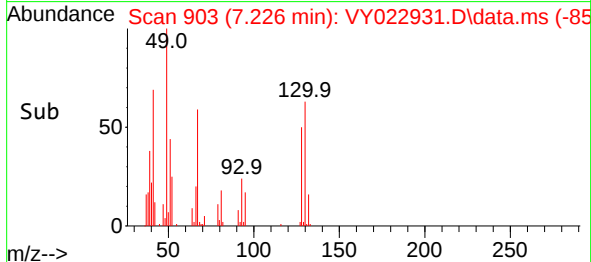
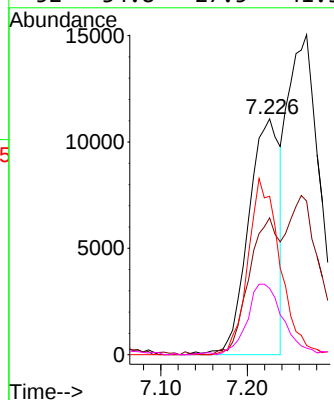
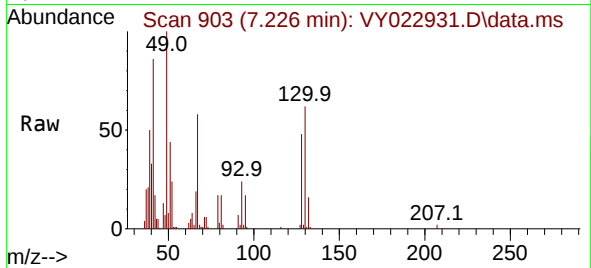




#41
Methacrylonitrile
Concen: 17.566 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

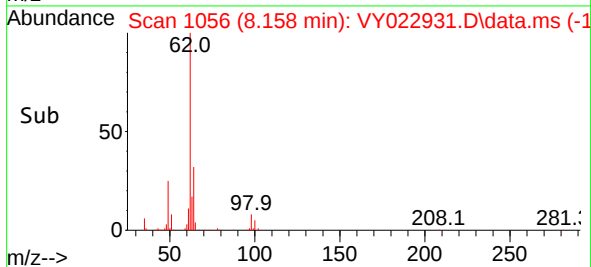
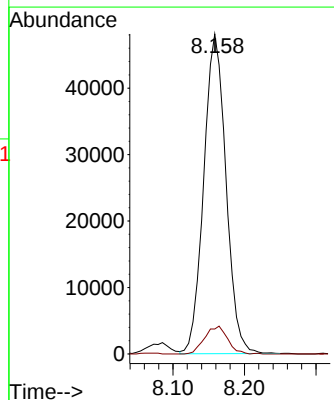
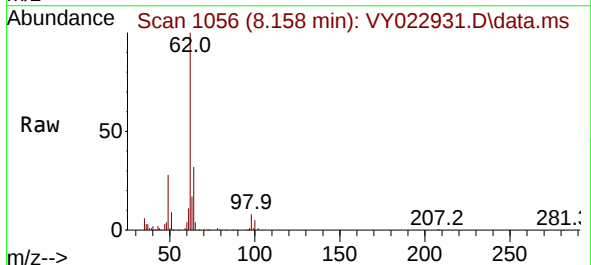
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

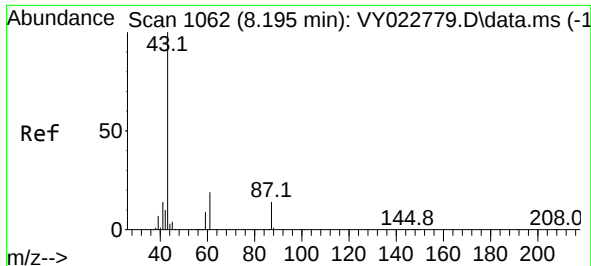
Tgt Ion:	41	Resp:	27881
Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.6	69.8
67	76.1	63.3	94.9
52	34.8	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:	62	Resp:	103916
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2

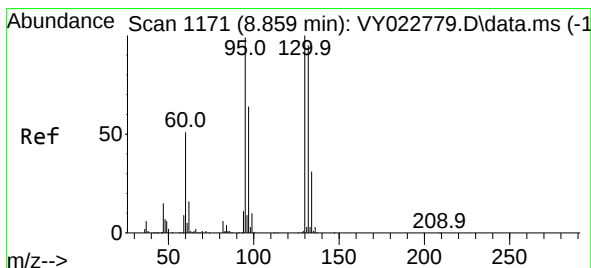
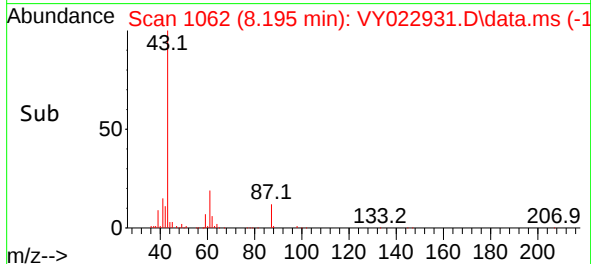
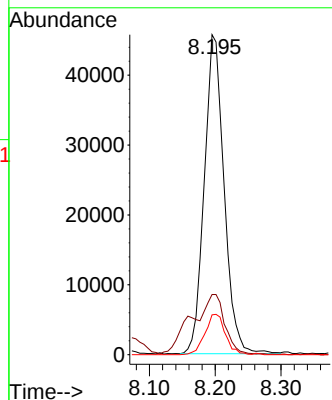
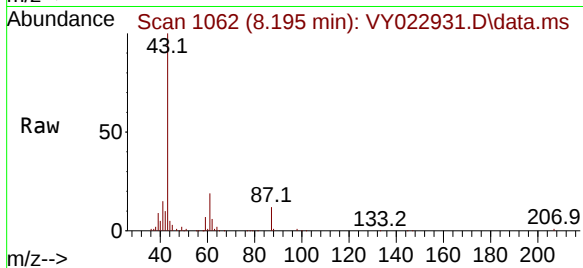




#43
Isopropyl Acetate
Concen: 17.874 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

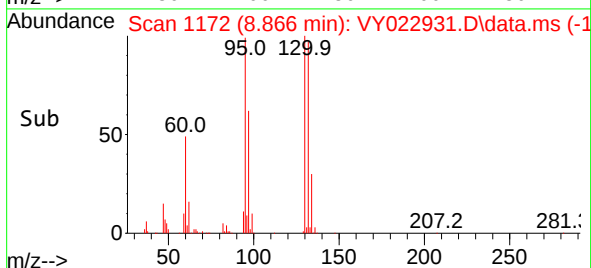
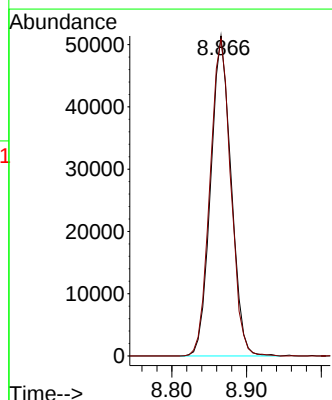
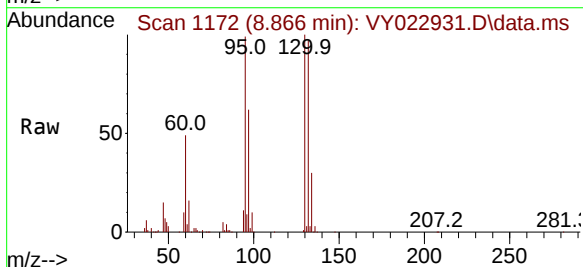
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

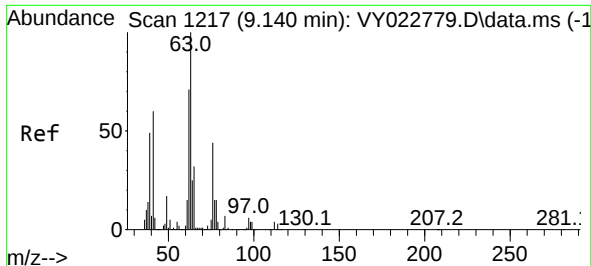
Tgt Ion: 43 Resp: 95778
Ion Ratio Lower Upper
43 100
61 18.7 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 21.170 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:130 Resp: 97639
Ion Ratio Lower Upper
130 100
95 99.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.401 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

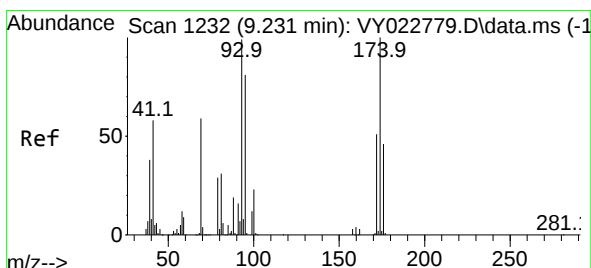
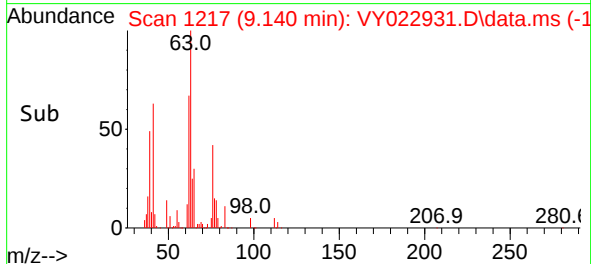
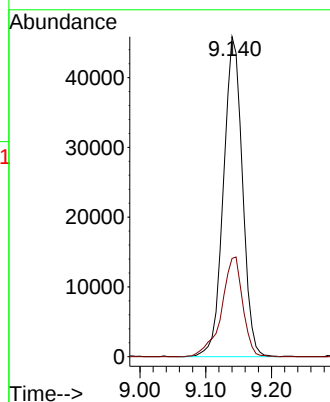
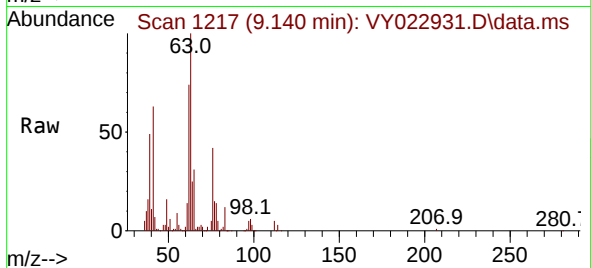
VY0703SBS01

Tgt Ion: 63 Resp: 92009

Ion Ratio Lower Upper

63 100

65 30.7 24.0 36.0



#46

Dibromomethane

Concen: 19.387 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

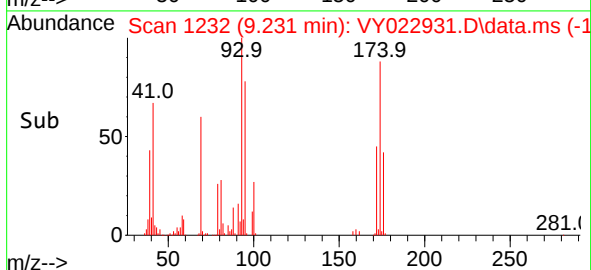
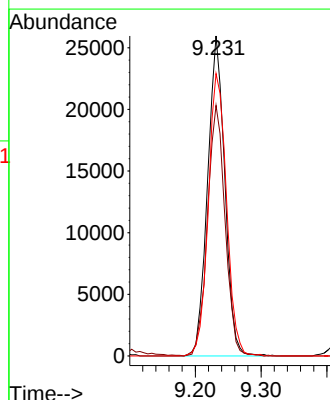
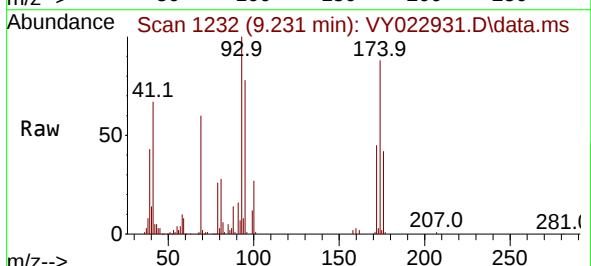
Tgt Ion: 93 Resp: 47317

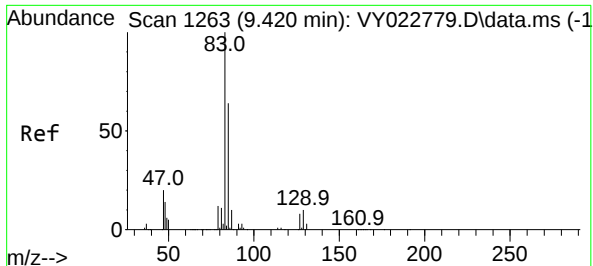
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

174 93.2 70.4 105.6





#47

Bromodichloromethane

Concen: 20.387 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

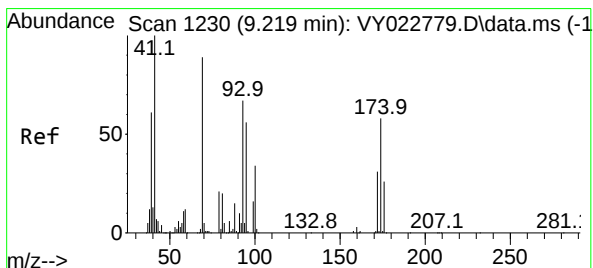
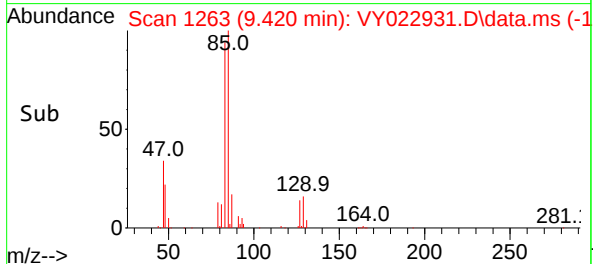
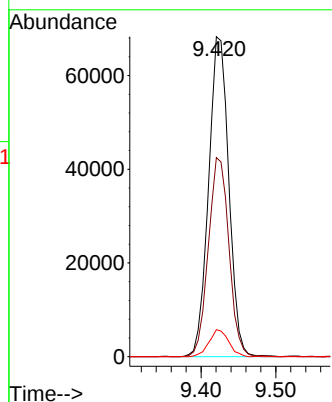
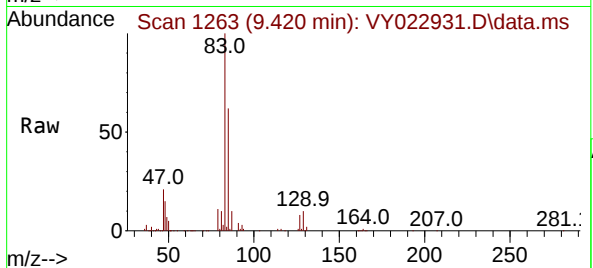
Tgt Ion: 83 Resp: 128308

Ion Ratio Lower Upper

83 100

85 62.2 49.1 73.7

127 8.4 6.2 9.4



#48

Methyl methacrylate

Concen: 18.357 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

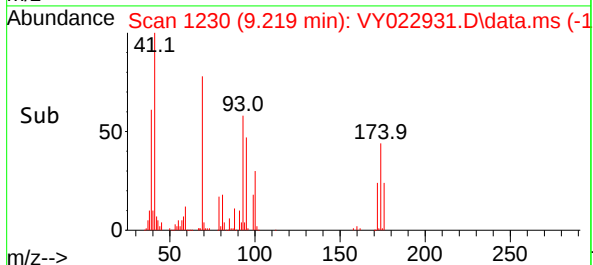
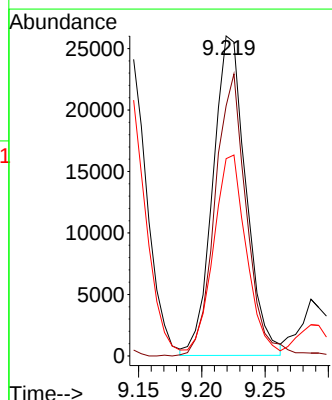
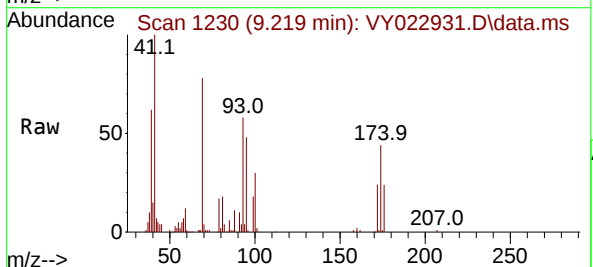
Tgt Ion: 41 Resp: 47289

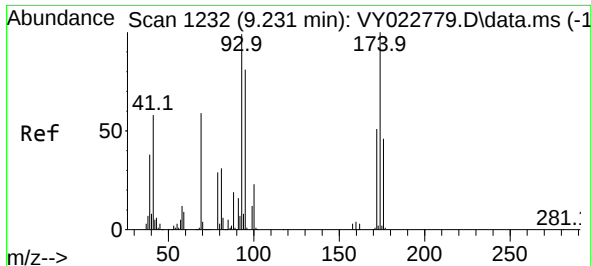
Ion Ratio Lower Upper

41 100

69 84.6 67.8 101.8

39 59.3 55.0 82.4





#49

1,4-Dioxane

Concen: 317.567 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

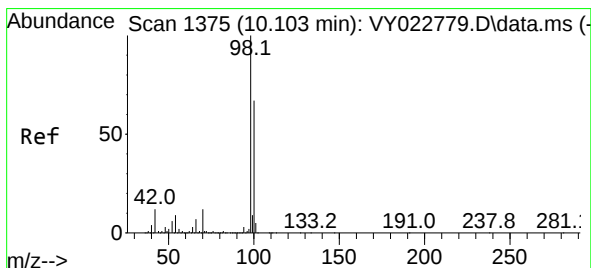
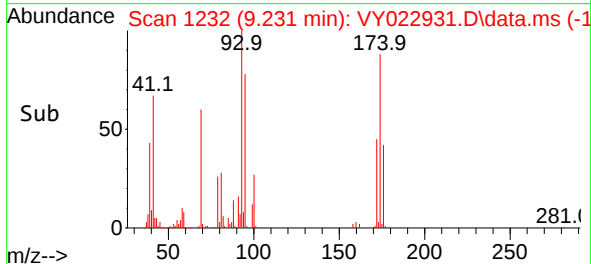
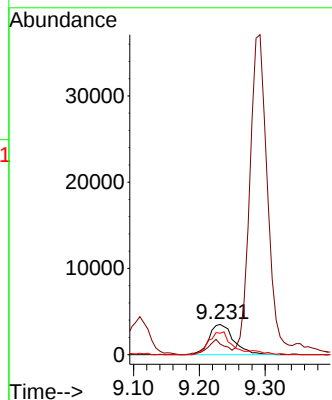
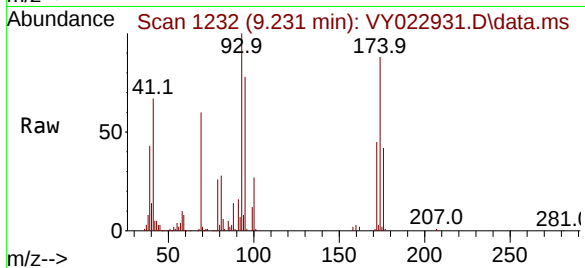
Tgt Ion: 88 Resp: 9157

Ion Ratio Lower Upper

88 100

43 34.9 25.4 38.2

58 68.1 54.9 82.3



#50

Toluene-d8

Concen: 51.086 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022931.D

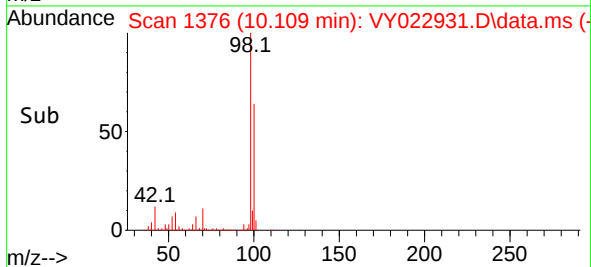
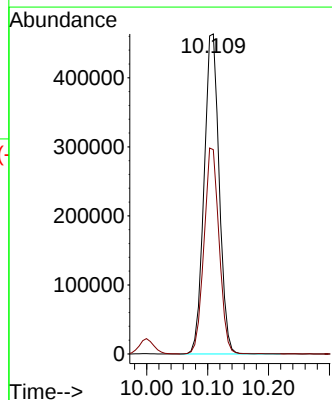
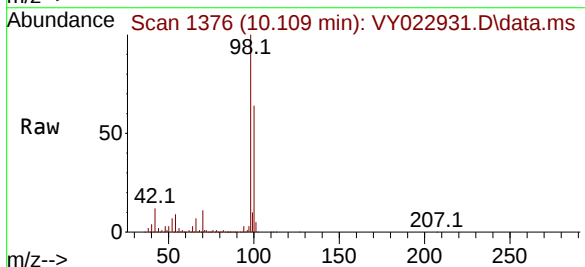
Acq: 03 Jul 2025 10:29

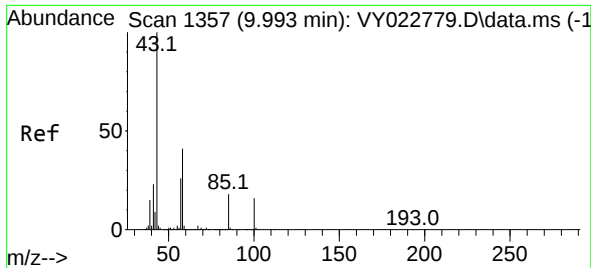
Tgt Ion: 98 Resp: 799069

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

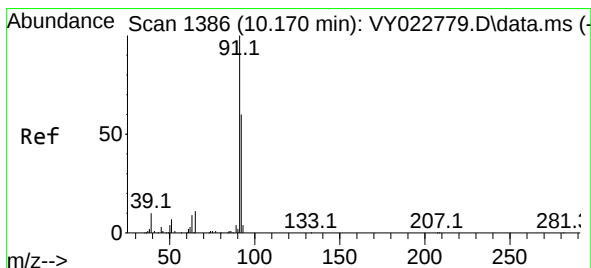
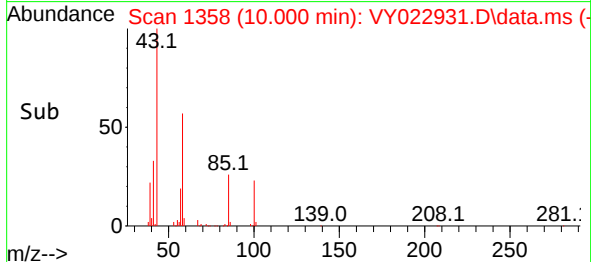
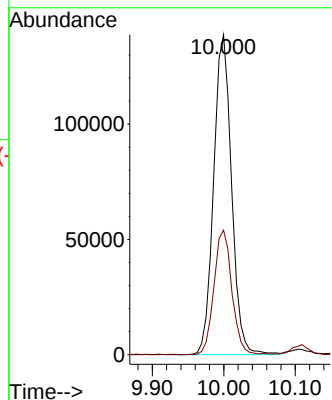
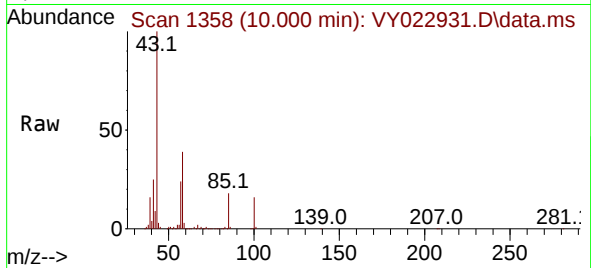




#51
4-Methyl-2-Pentanone
Concen: 88.713 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

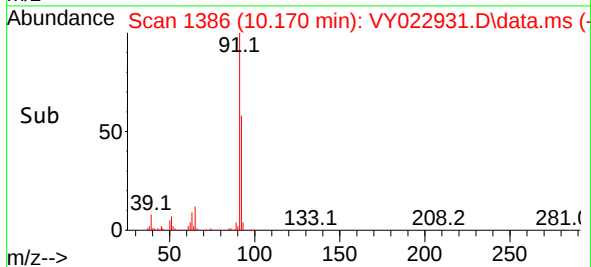
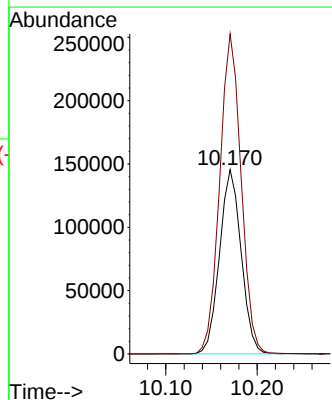
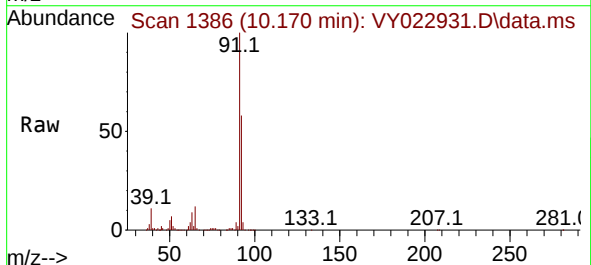
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

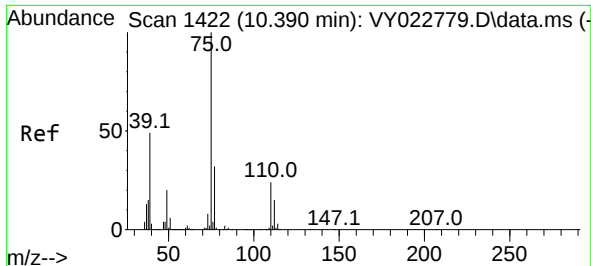
Tgt Ion: 43 Resp: 241570
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6



#52
Toluene
Concen: 20.608 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 92 Resp: 238824
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.4

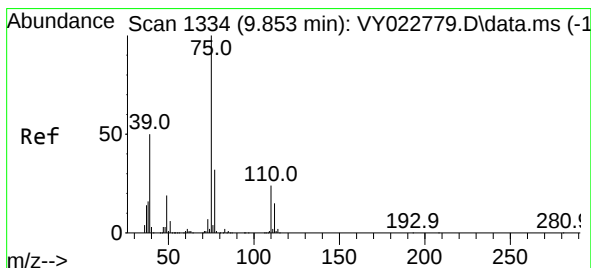
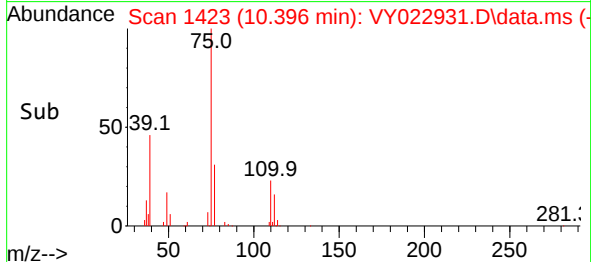
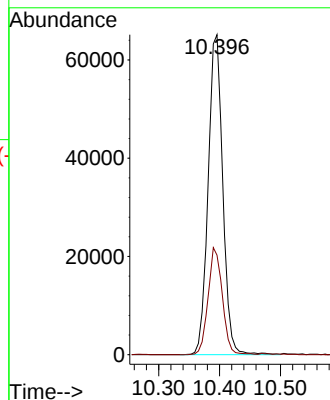
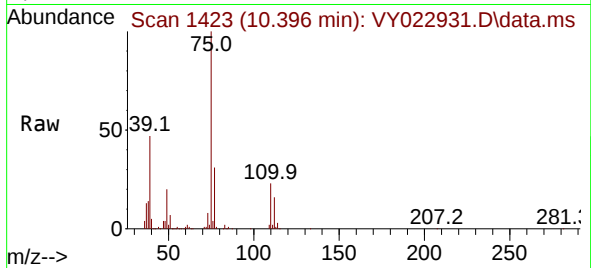




#53
t-1,3-Dichloropropene
Concen: 19.210 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

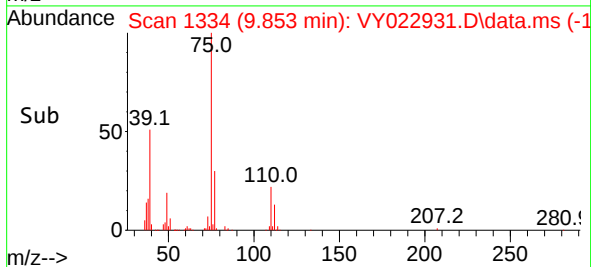
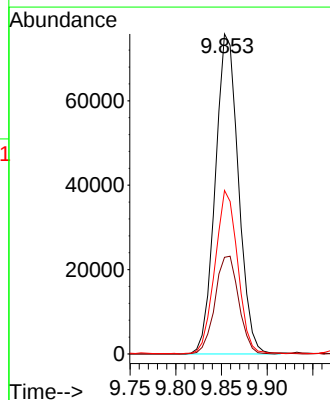
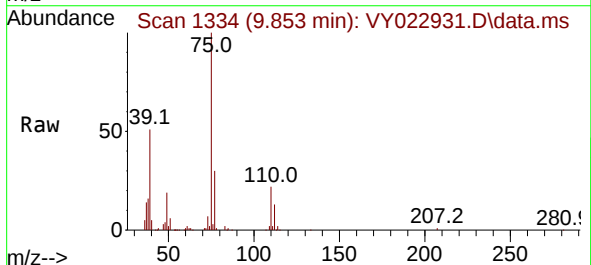
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

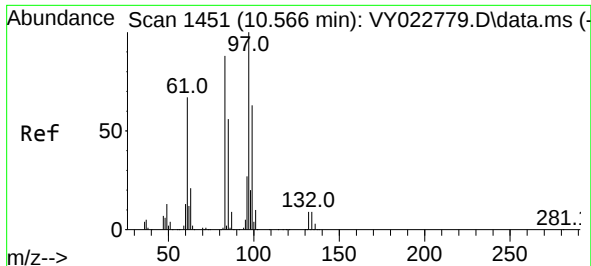
Tgt Ion: 75 Resp: 108776
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.363 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 75 Resp: 133699
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 51.1 42.7 64.1

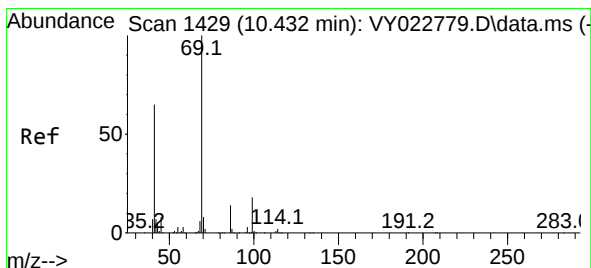
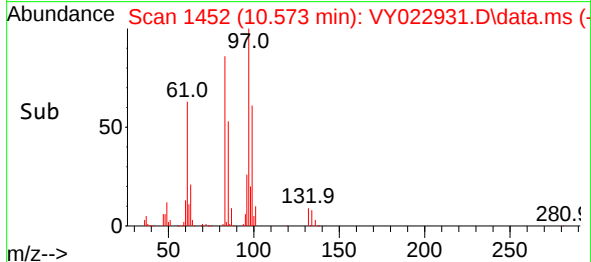
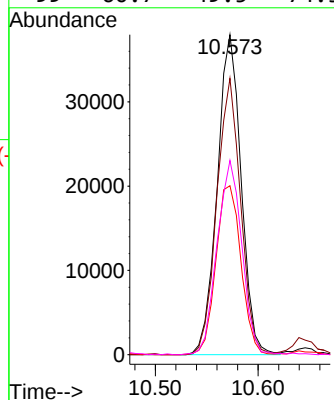
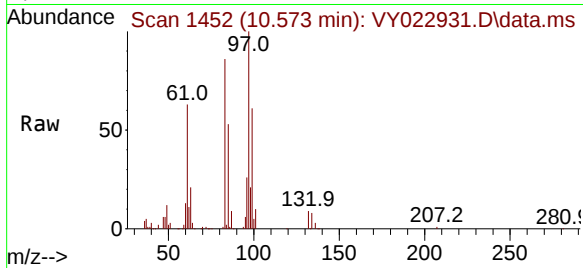




#55
1,1,2-Trichloroethane
Concen: 19.431 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

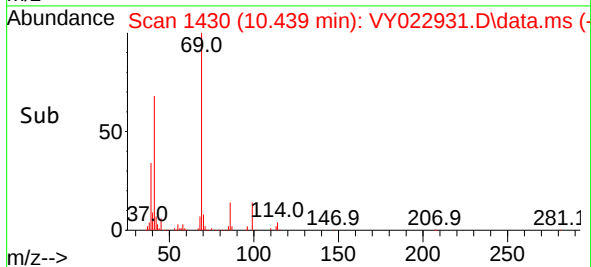
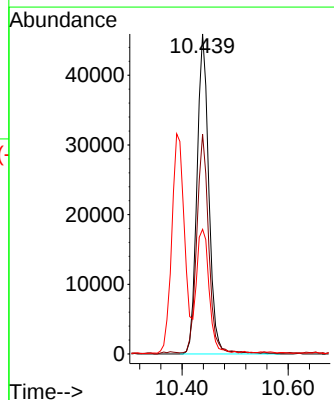
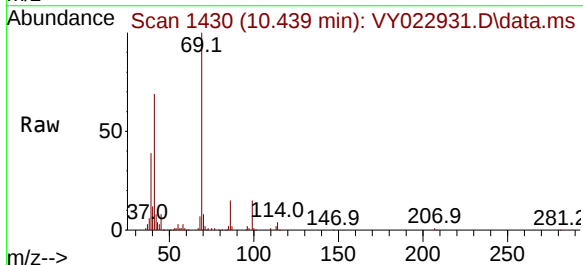
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

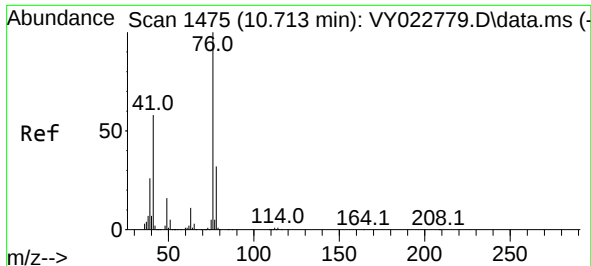
Tgt Ion: 97	Resp: 61407
Ion Ratio	Lower Upper
97 100	
83 86.4	68.1 102.1
85 52.8	48.2 72.2
99 60.7	49.5 74.3



#56
Ethyl methacrylate
Concen: 16.724 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 69	Resp: 71109
Ion Ratio	Lower Upper
69 100	
41 67.8	52.2 78.2
39 39.9	36.7 55.1





#57

1,3-Dichloropropane

Concen: 19.348 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

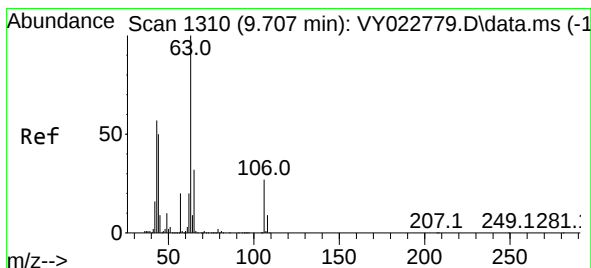
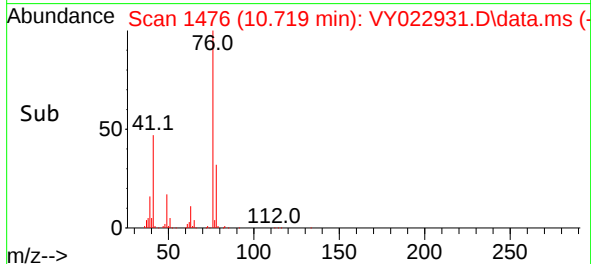
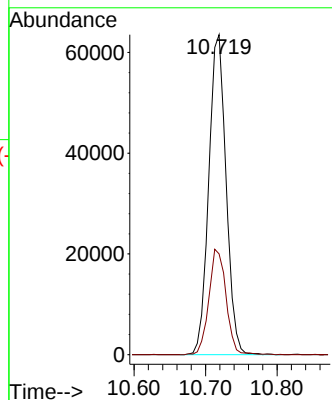
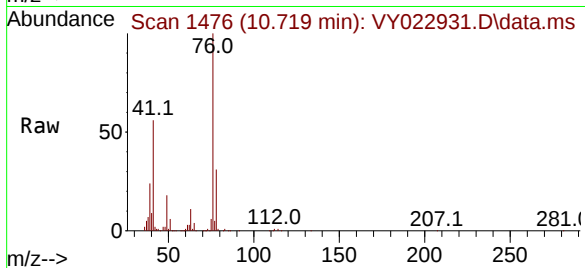
VY0703SBS01

Tgt Ion: 76 Resp: 106682

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 92.321 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022931.D

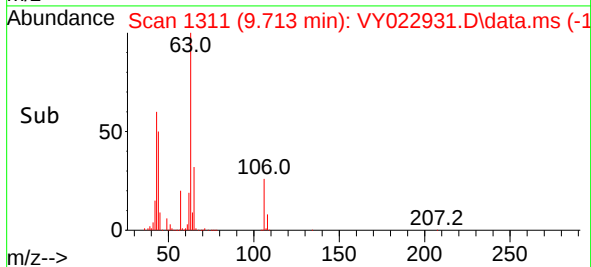
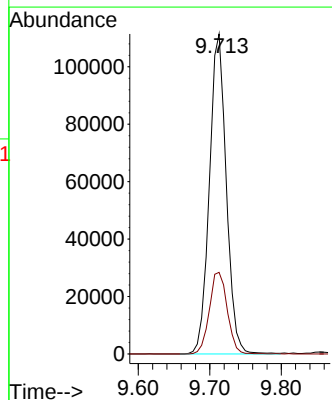
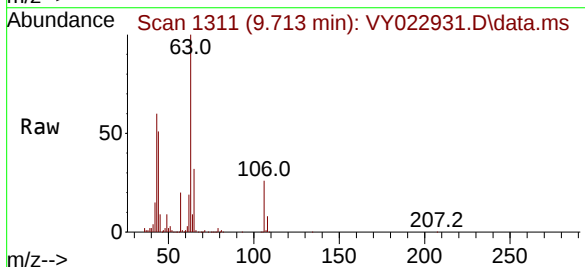
Acq: 03 Jul 2025 10:29

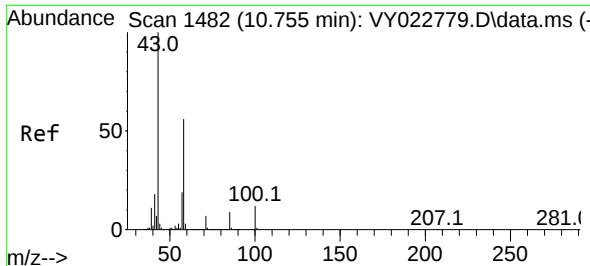
Tgt Ion: 63 Resp: 182772

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

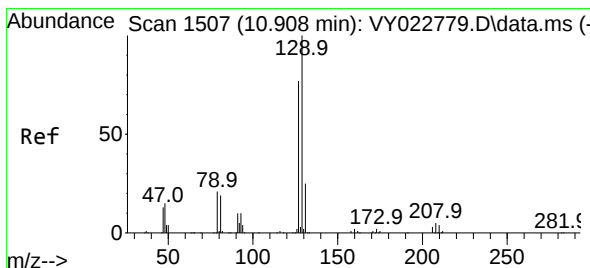
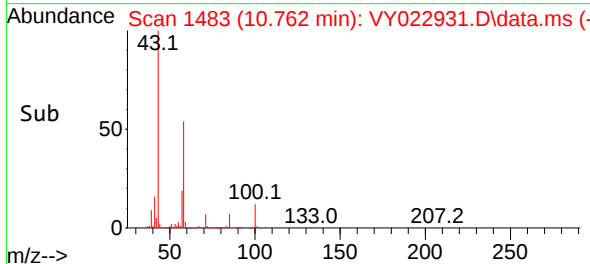
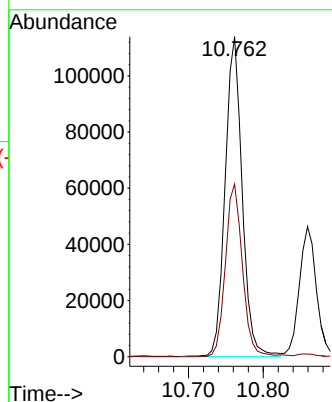
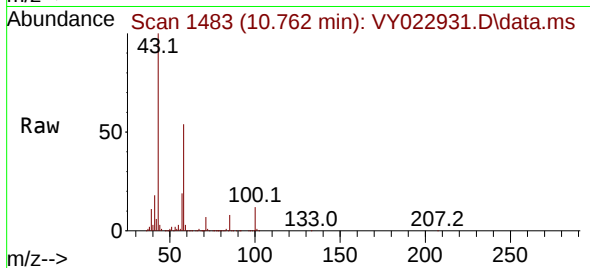




#59
2-Hexanone
Concen: 97.331 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

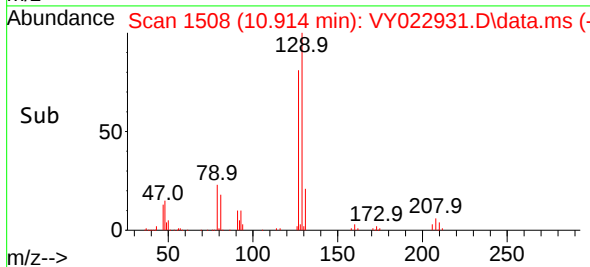
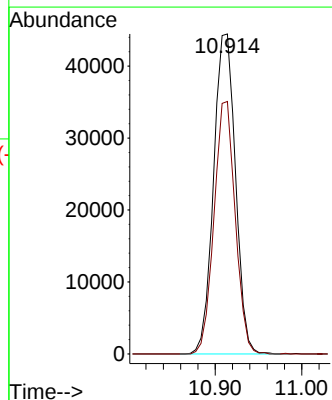
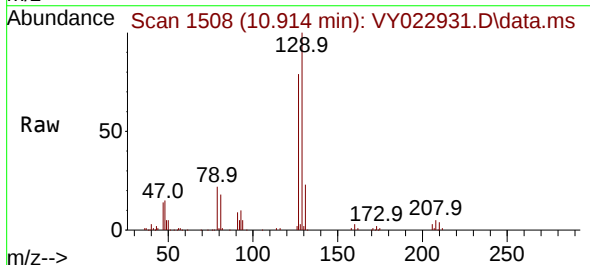
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

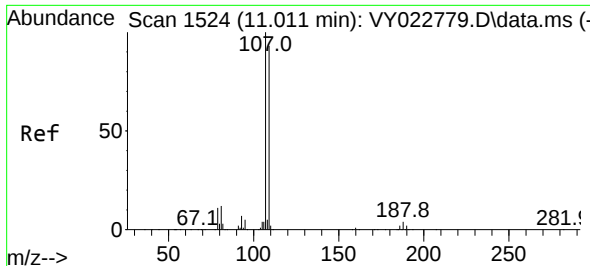
Tgt Ion: 43 Resp: 180193
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 19.139 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 129 Resp: 78126
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

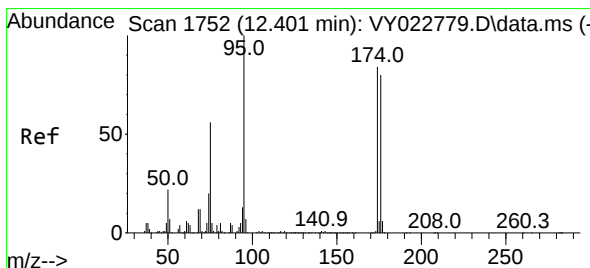
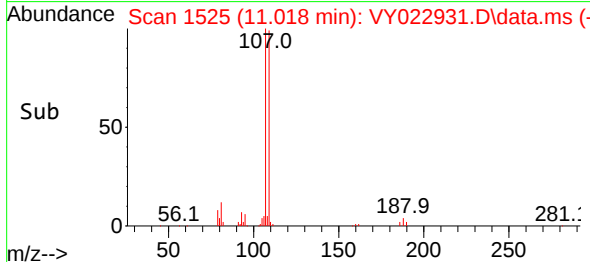
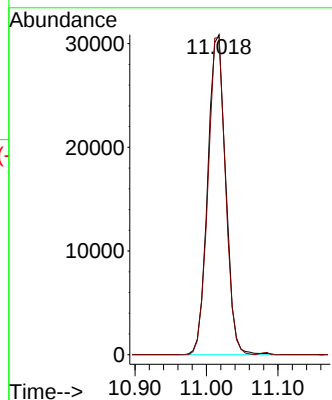
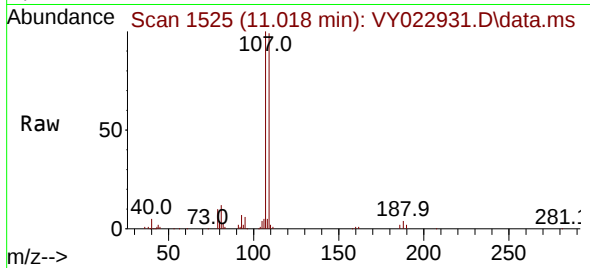




#61
1,2-Dibromoethane
Concen: 18.156 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

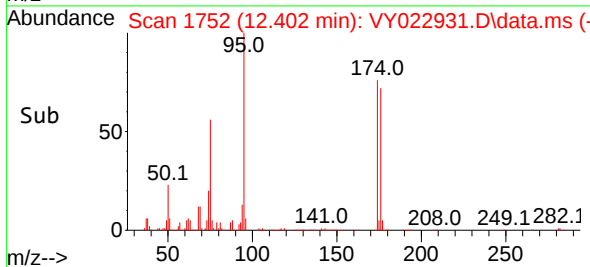
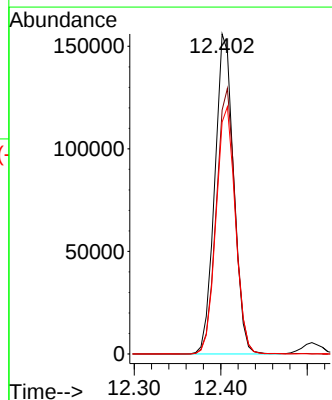
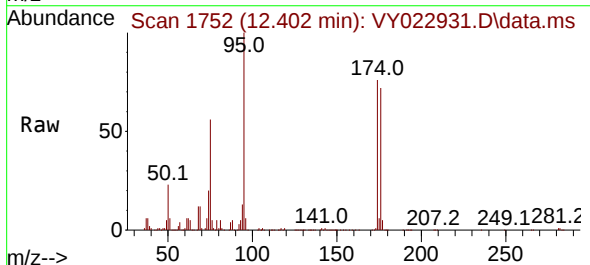
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

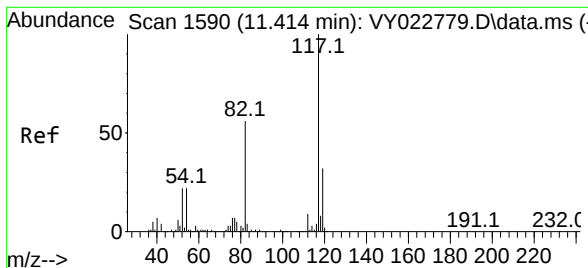
Tgt Ion:107 Resp: 53694
Ion Ratio Lower Upper
107 100
109 96.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.034 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 95 Resp: 236501
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.0
176 78.9 0.0 166.2

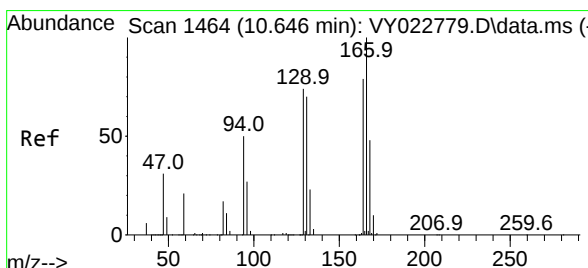
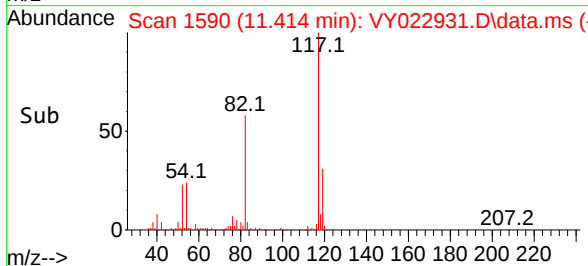
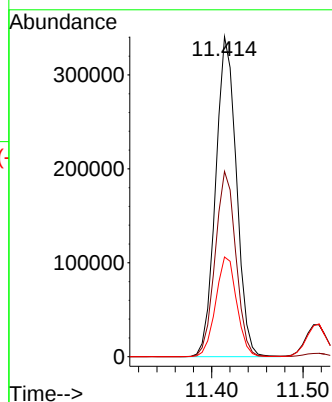
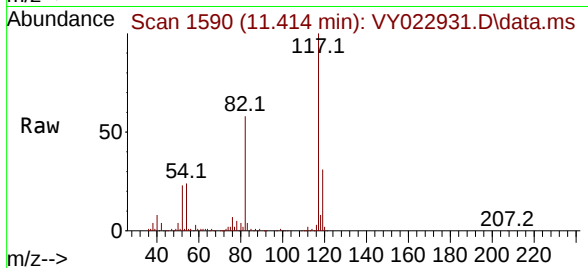




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

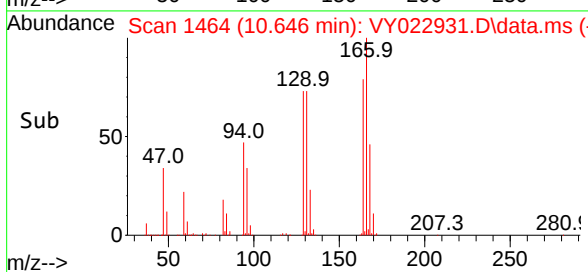
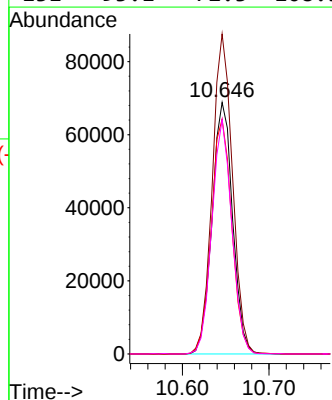
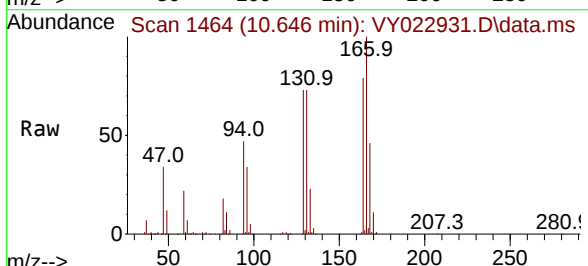
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

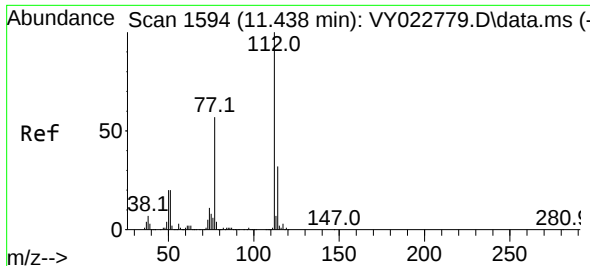
Tgt Ion:117 Resp: 537972
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 22.298 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:164 Resp: 113322
Ion Ratio Lower Upper
164 100
166 127.2 104.0 156.0
129 93.3 74.5 111.7
131 93.1 72.3 108.5

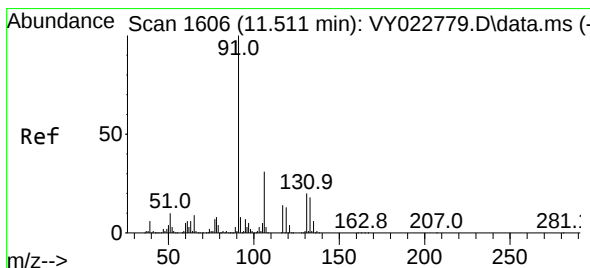
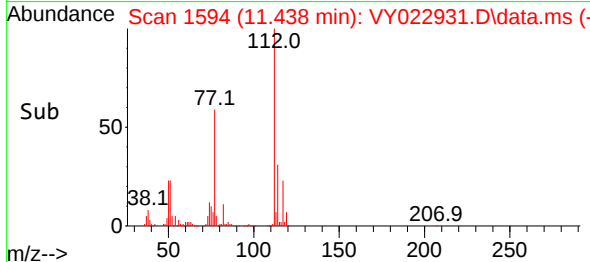
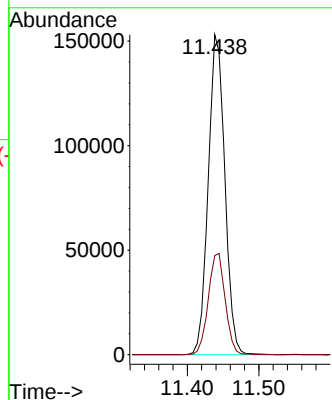
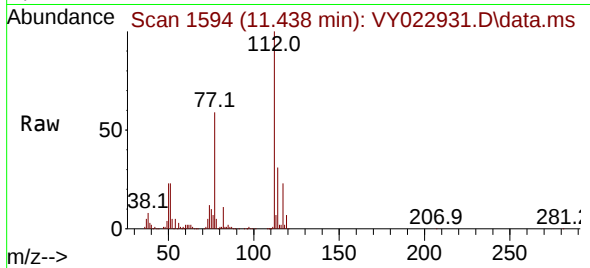




#65
Chlorobenzene
Concen: 20.882 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

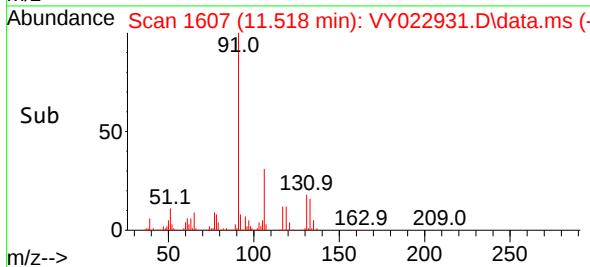
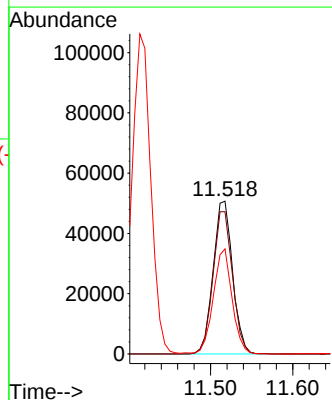
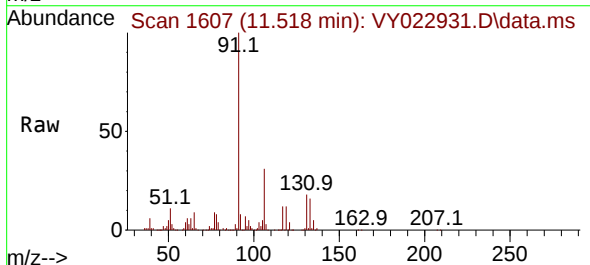
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

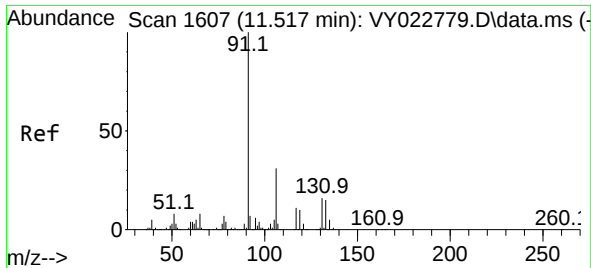
Tgt Ion:112 Resp: 246846
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.768 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:131 Resp: 83151
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.8
119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 21.394 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

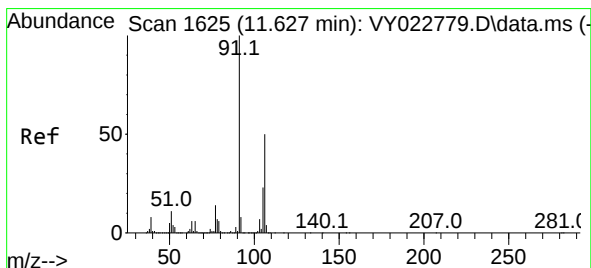
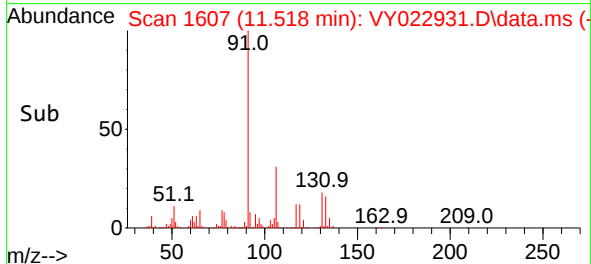
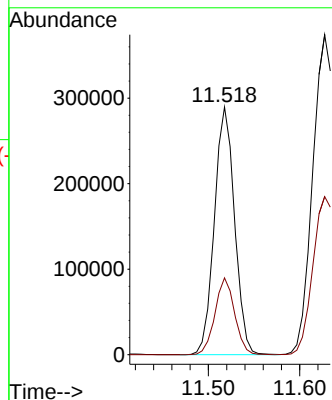
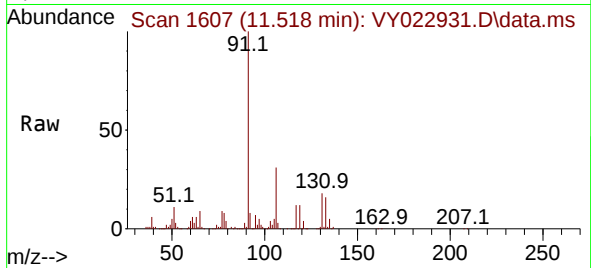
VY0703SBS01

Tgt Ion: 91 Resp: 444341

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 42.359 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022931.D

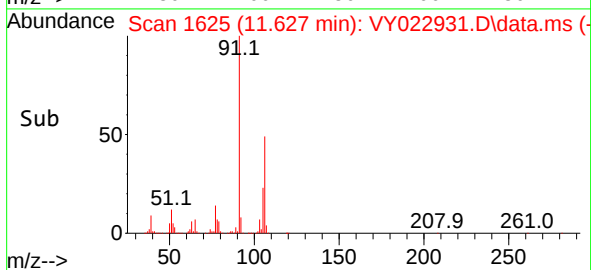
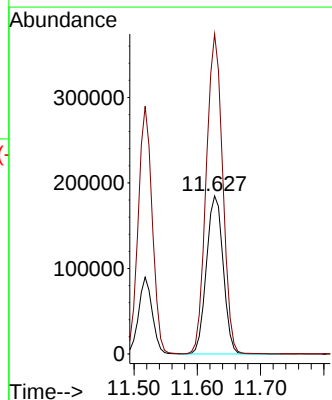
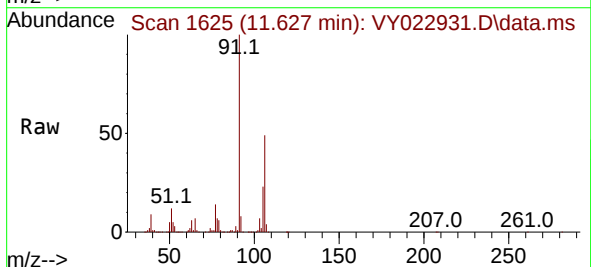
Acq: 03 Jul 2025 10:29

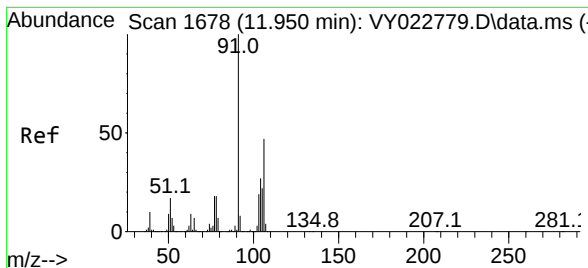
Tgt Ion: 106 Resp: 340082

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

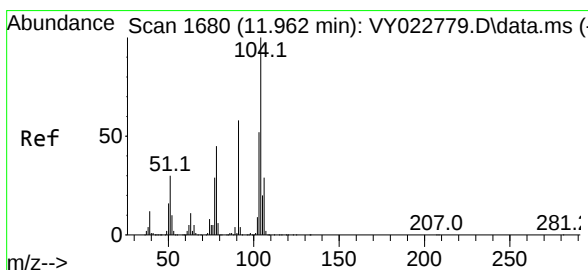
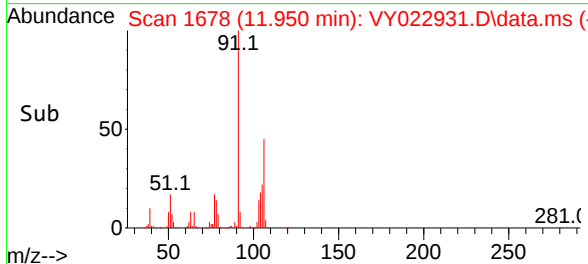
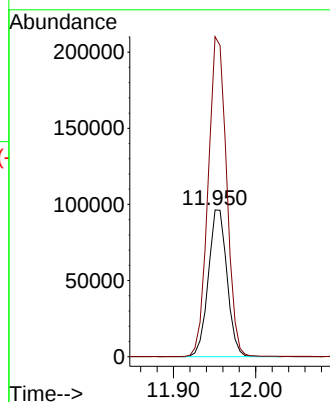
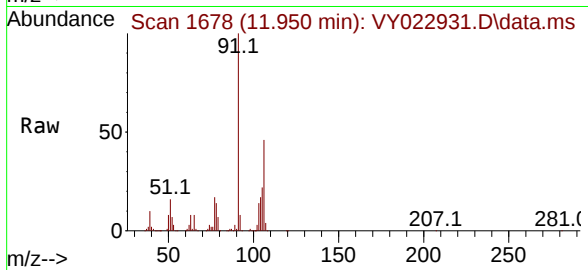




#69
o-Xylene
Concen: 20.145 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

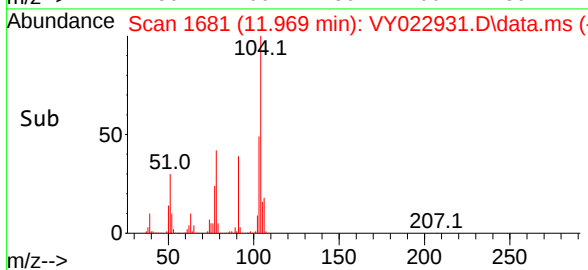
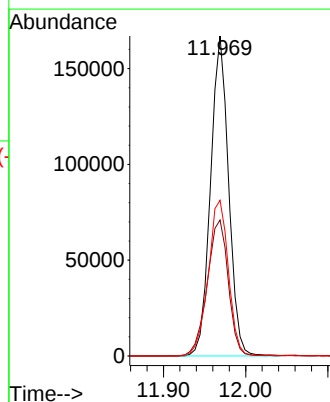
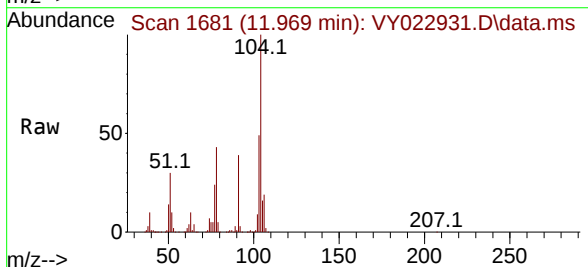
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

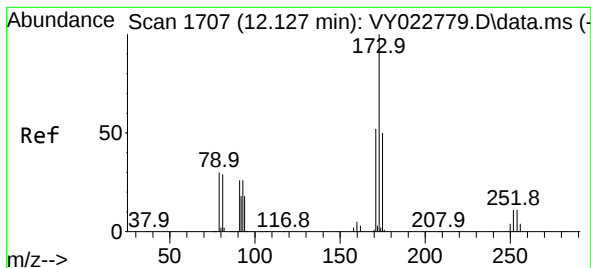
Tgt Ion:106 Resp: 152396
Ion Ratio Lower Upper
106 100
91 215.8 105.8 317.3



#70
Styrene
Concen: 20.151 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:104 Resp: 255350
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 17.650 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

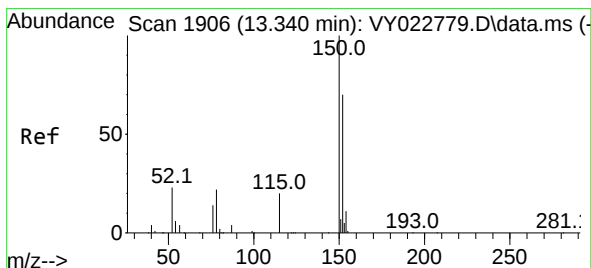
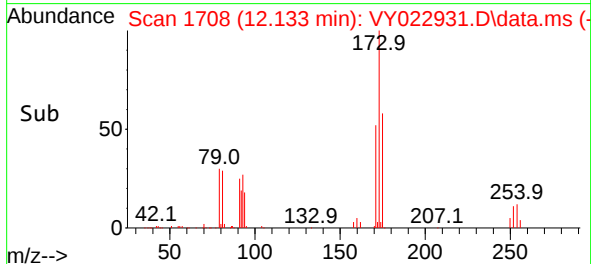
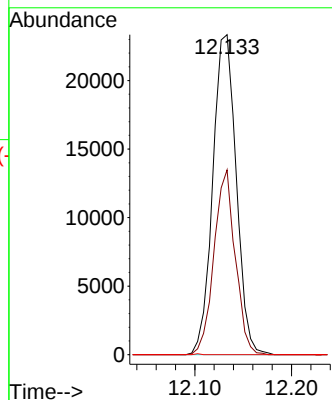
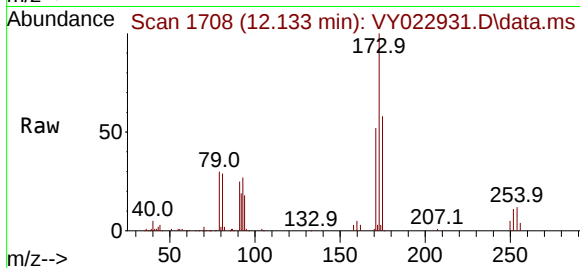
Tgt Ion:173 Resp: 39349

Ion Ratio Lower Upper

173 100

175 52.2 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

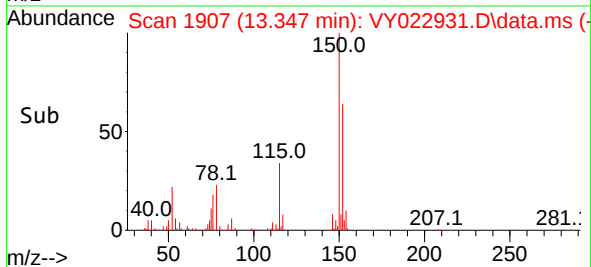
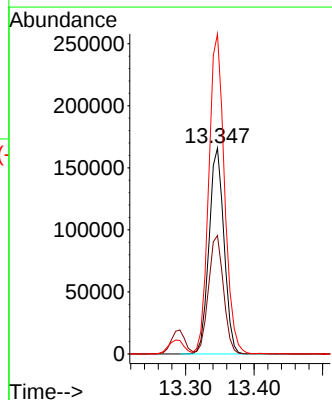
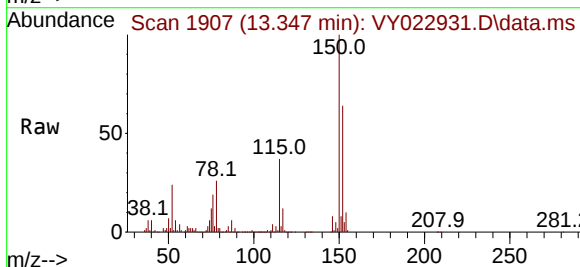
Tgt Ion:152 Resp: 252496

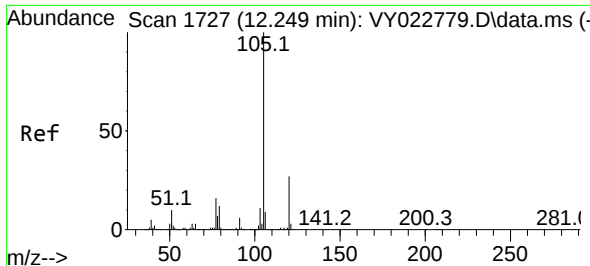
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 162.6 0.0 349.6

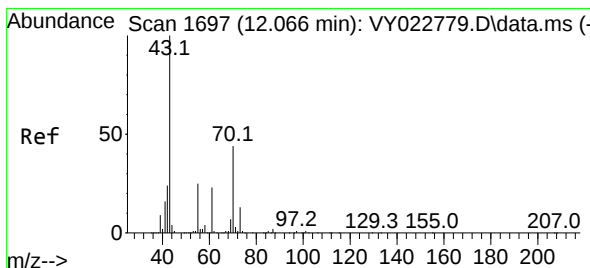
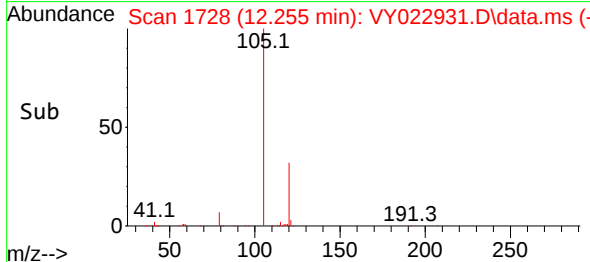
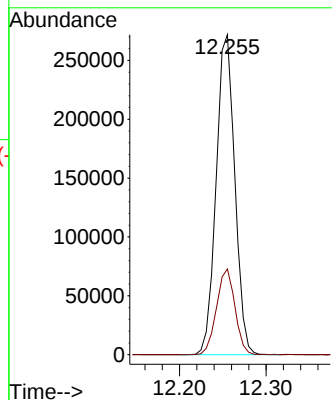
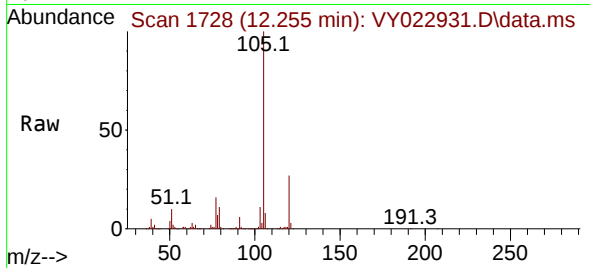




#73
Isopropylbenzene
Concen: 21.766 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

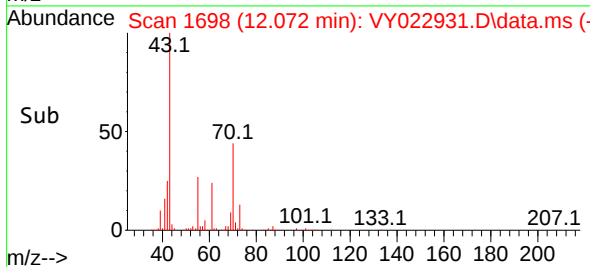
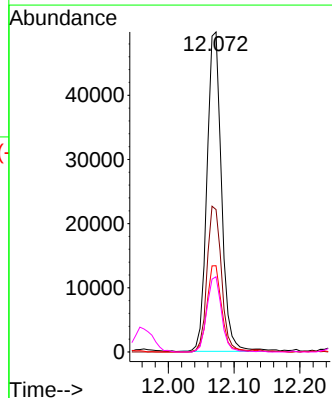
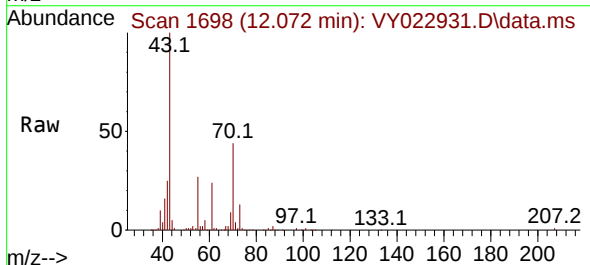
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

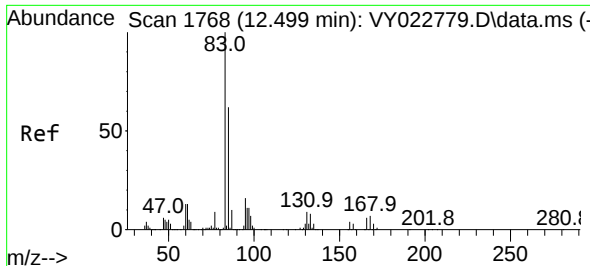
Tgt Ion:105 Resp: 406452
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 18.330 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 43 Resp: 76832
Ion Ratio Lower Upper
43 100
70 45.0 34.2 51.2
55 27.4 18.2 27.4#
61 23.7 19.0 28.6

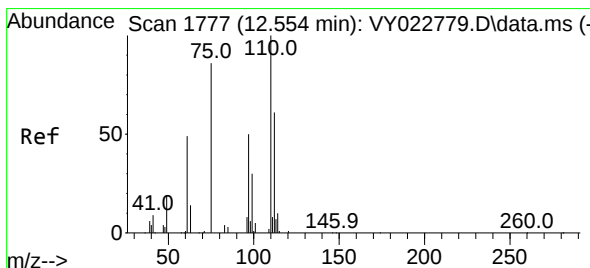
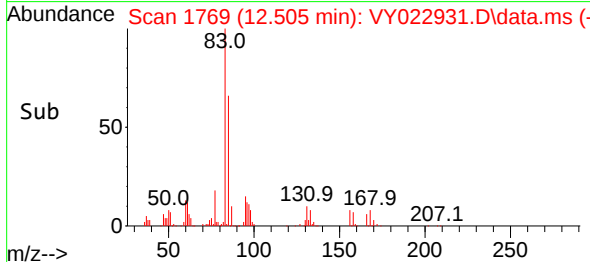
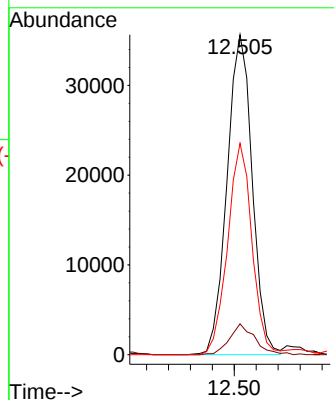
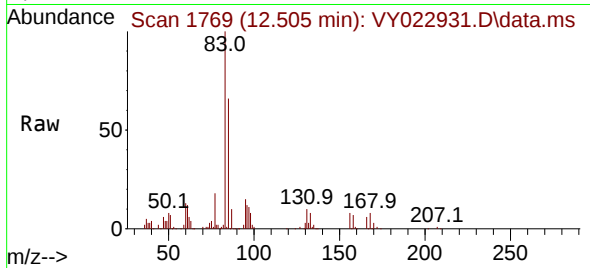




#75
1,1,2,2-Tetrachloroethane
Concen: 18.894 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

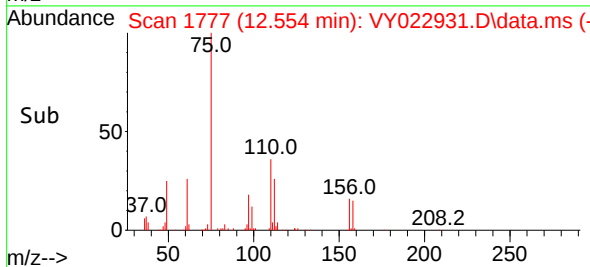
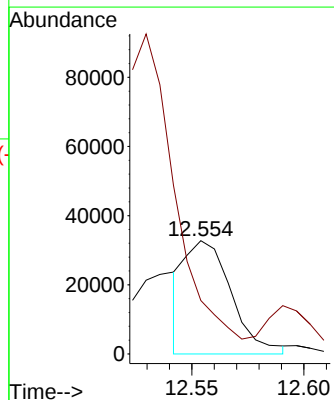
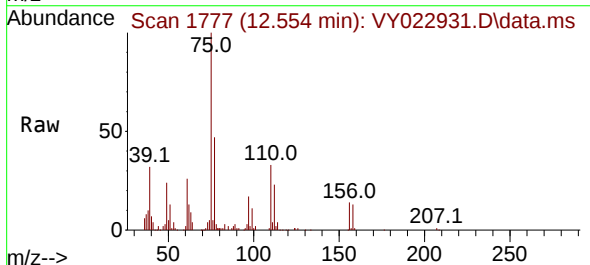
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

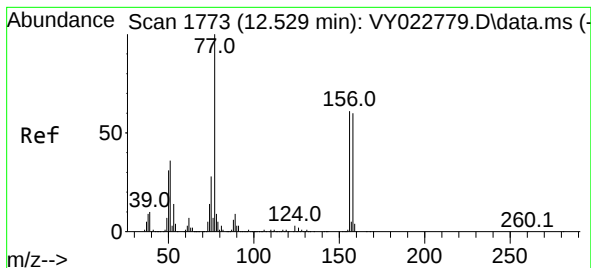
Tgt Ion: 83 Resp: 56862
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 18.480 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 75 Resp: 47637
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.175 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

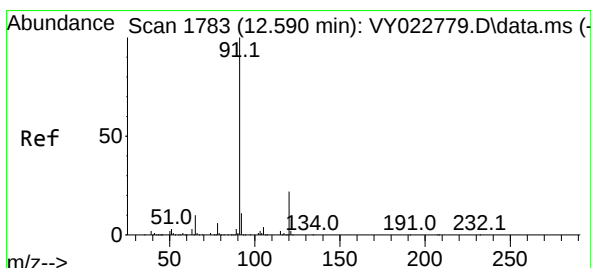
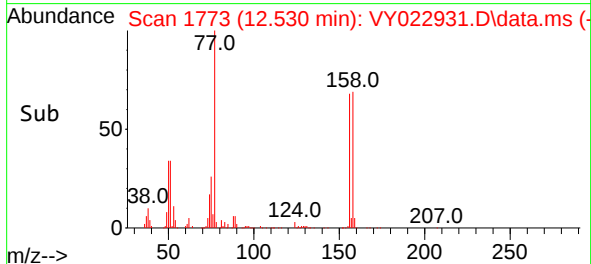
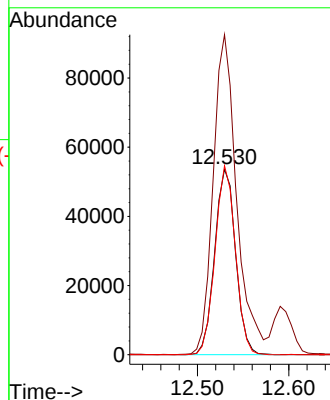
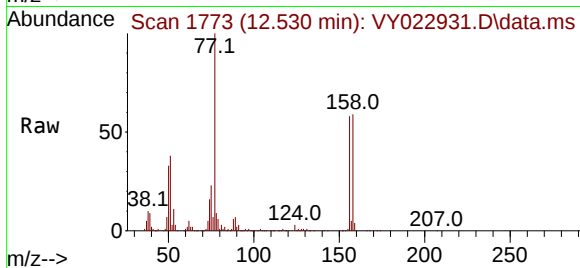
Tgt Ion:156 Resp: 85396

Ion Ratio Lower Upper

156 100

77 192.7 94.0 282.1

158 98.9 48.2 144.6



#78

n-propylbenzene

Concen: 22.236 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022931.D

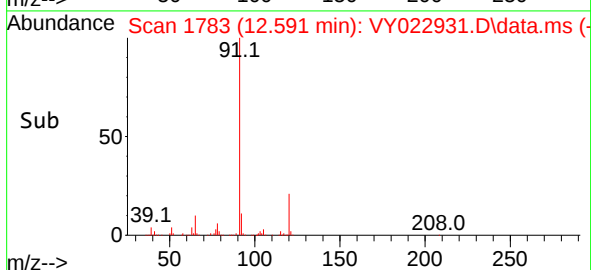
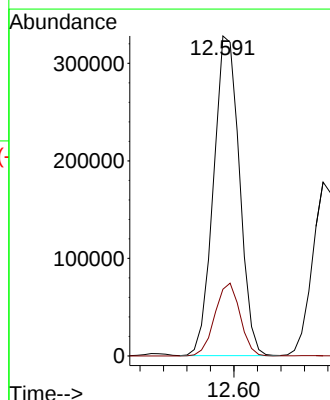
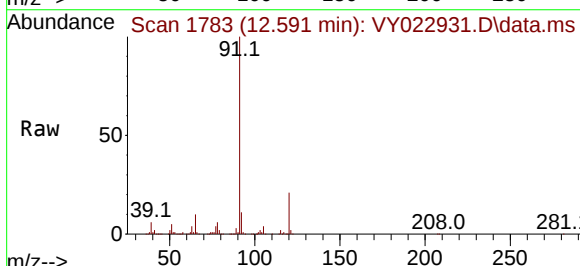
Acq: 03 Jul 2025 10:29

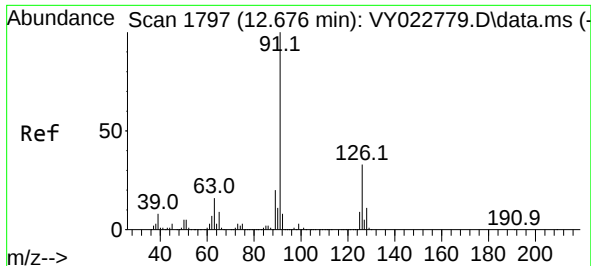
Tgt Ion: 91 Resp: 501335

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4

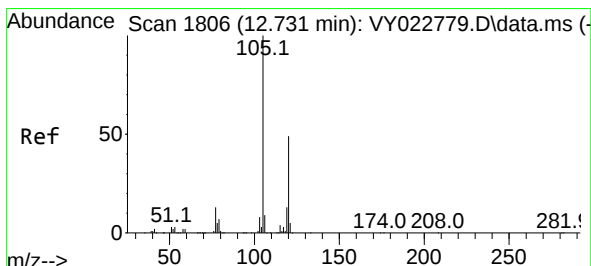
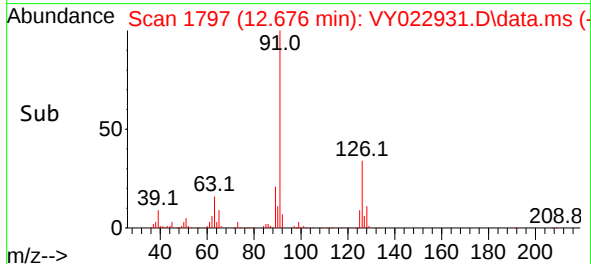
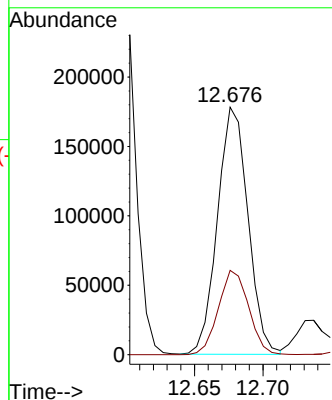
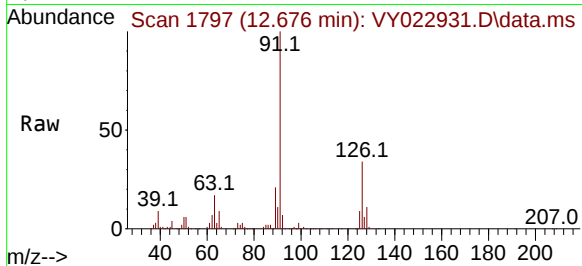




#79
2-Chlorotoluene
Concen: 21.700 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

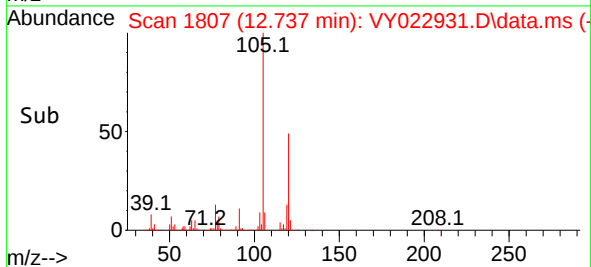
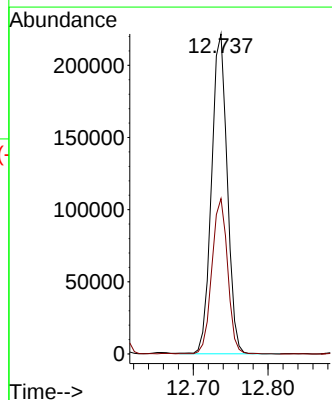
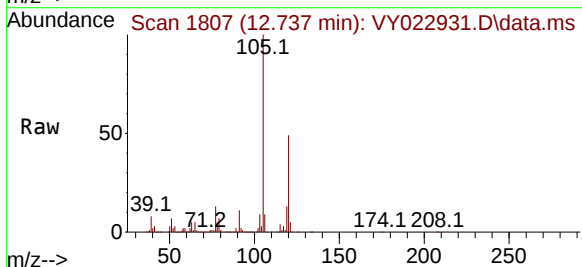
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

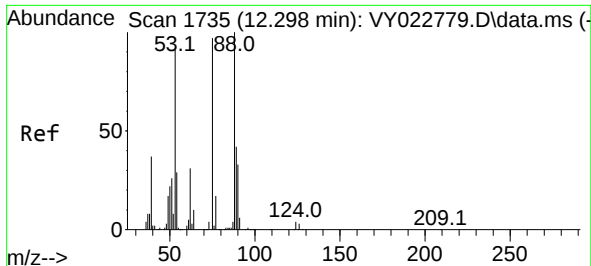
Tgt Ion: 91 Resp: 276414
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.417 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 105 Resp: 322847
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4

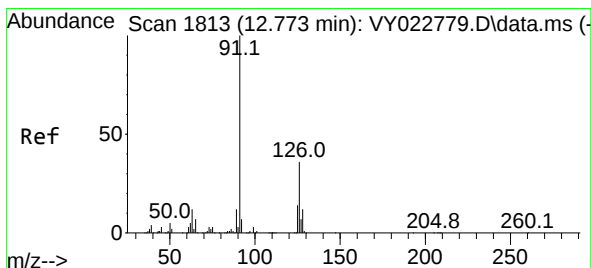
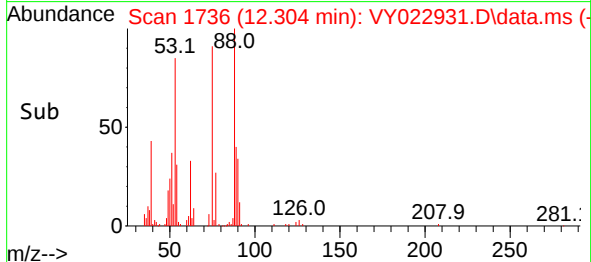
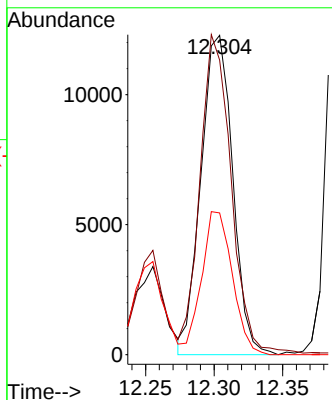
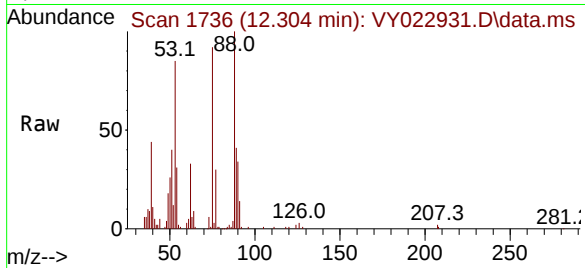




#81
trans-1,4-Dichloro-2-butene
Concen: 19.420 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

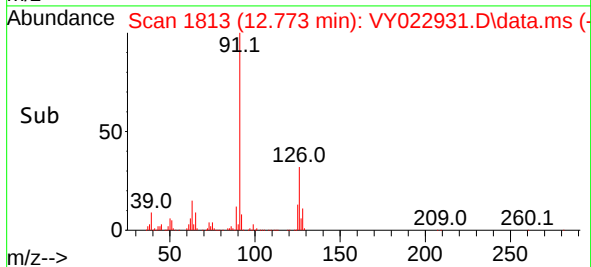
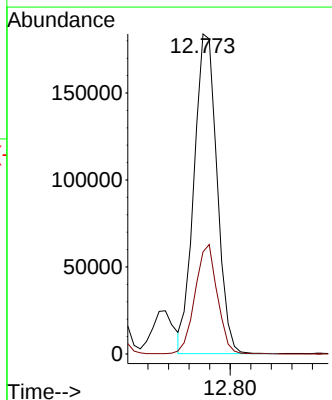
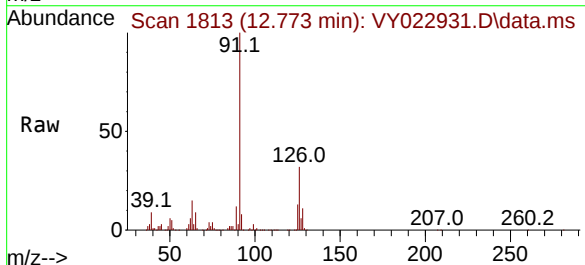
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

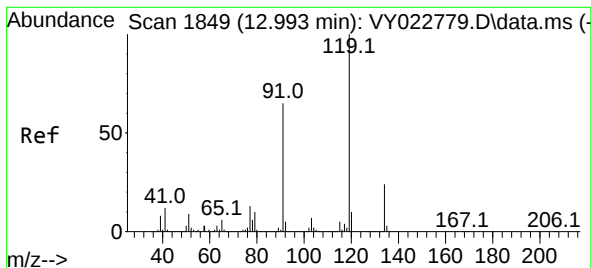
Tgt Ion: 75 Resp: 19815
Ion Ratio Lower Upper
75 100
53 99.1 78.5 117.7
89 43.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.333 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion: 91 Resp: 285435
Ion Ratio Lower Upper
91 100
126 33.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.485 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

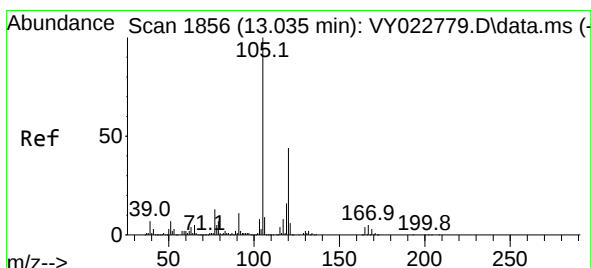
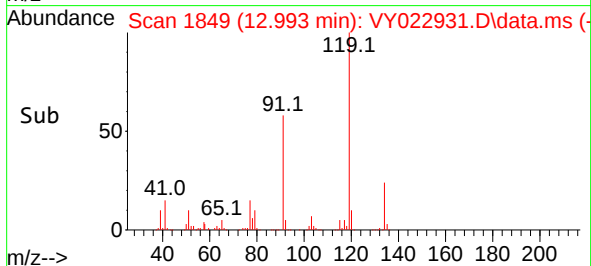
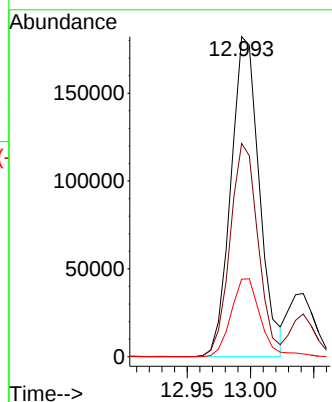
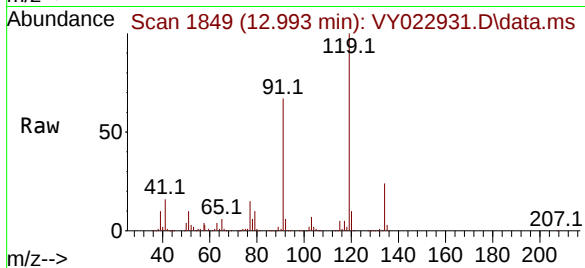
Tgt Ion:119 Resp: 285631

Ion Ratio Lower Upper

119 100

91 65.4 32.1 96.3

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.179 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022931.D

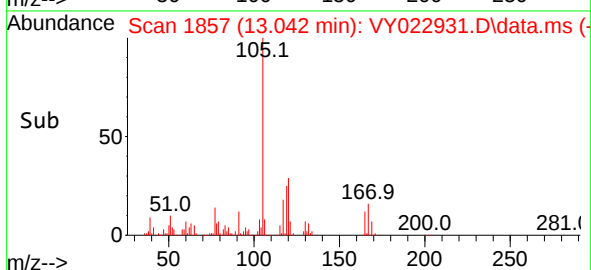
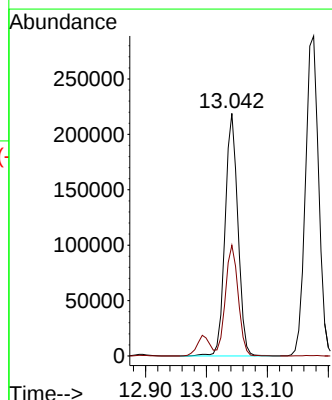
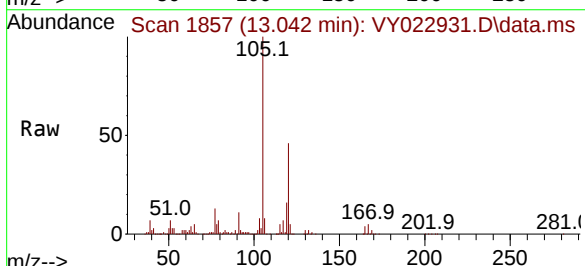
Acq: 03 Jul 2025 10:29

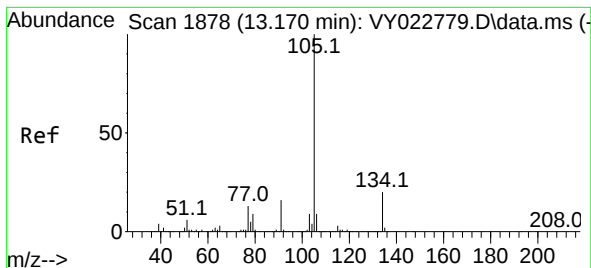
Tgt Ion:105 Resp: 319638

Ion Ratio Lower Upper

105 100

120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.609 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

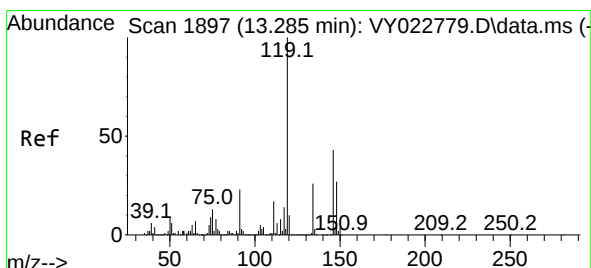
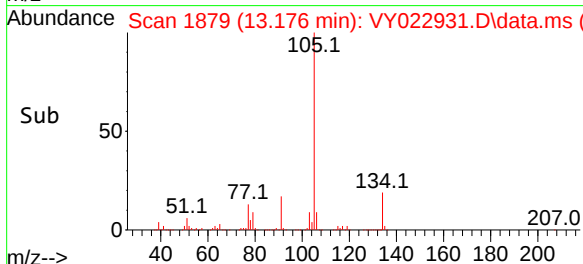
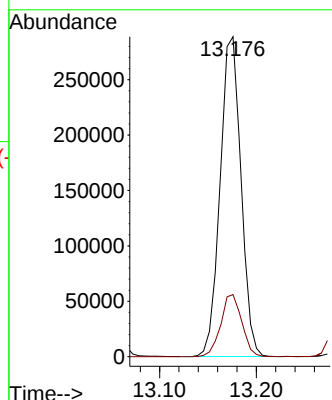
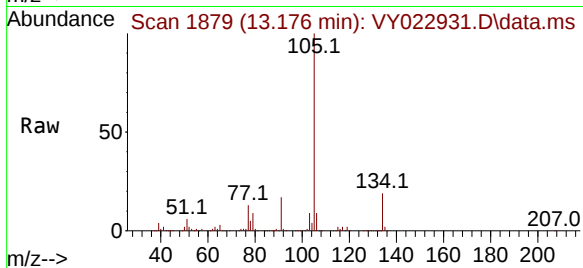
VY0703SBS01

Tgt Ion:105 Resp: 432243

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.191 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

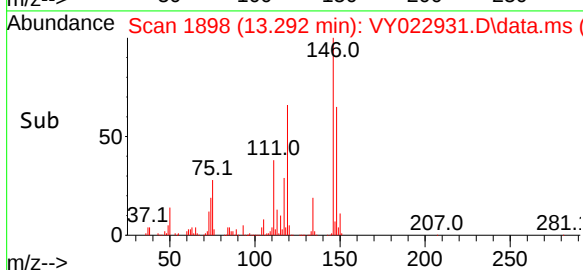
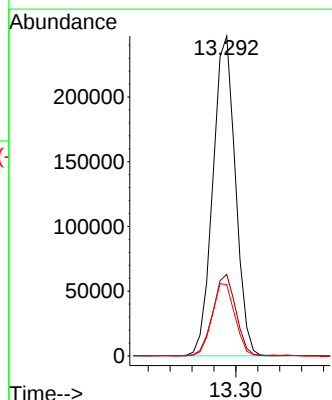
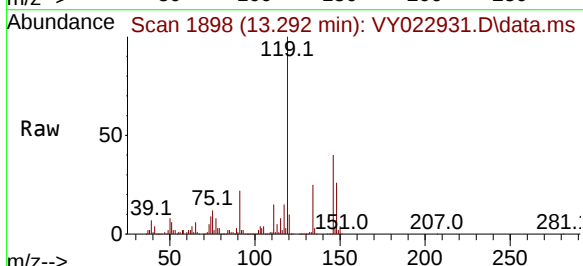
Tgt Ion:119 Resp: 352748

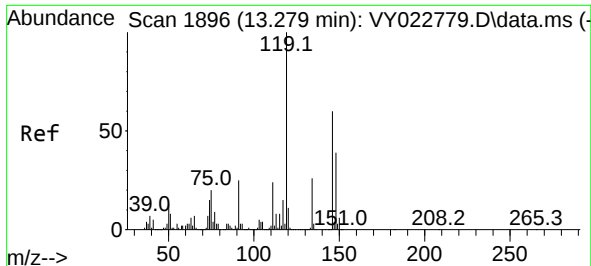
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.659 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

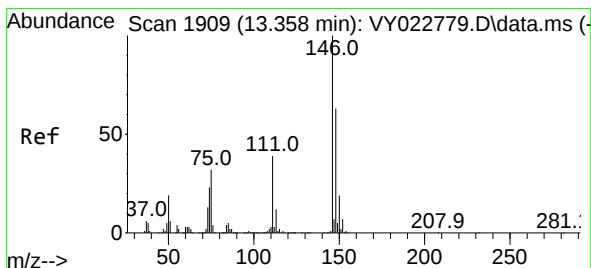
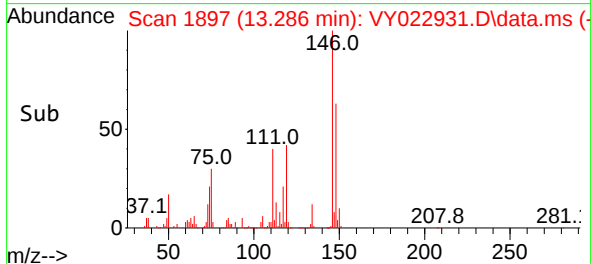
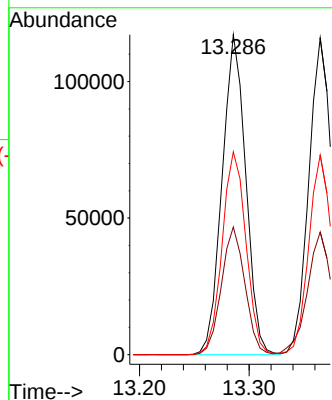
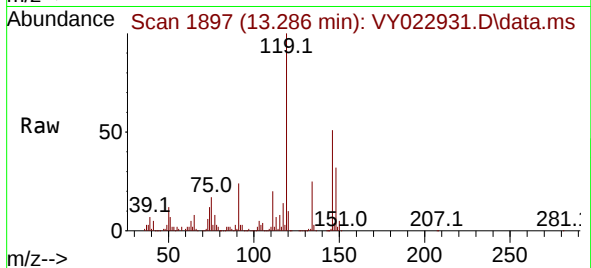
Tgt Ion:146 Resp: 175614

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.546 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

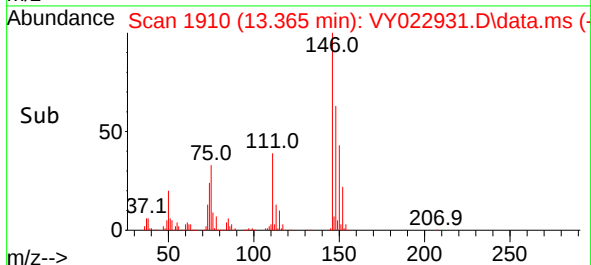
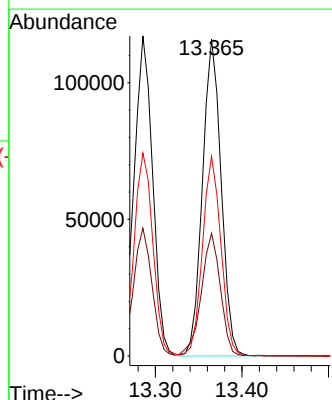
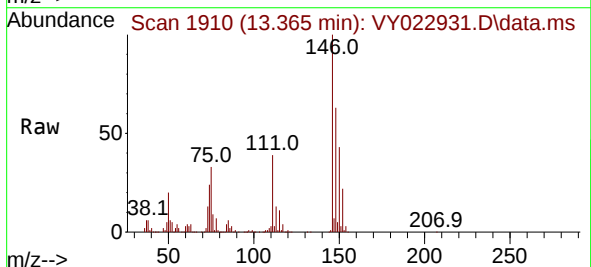
Tgt Ion:146 Resp: 173497

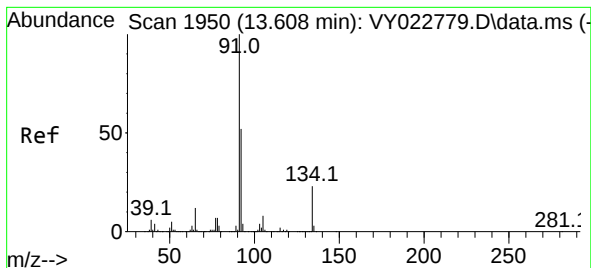
Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 62.3 31.6 94.8





#89

n-Butylbenzene

Concen: 21.237 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

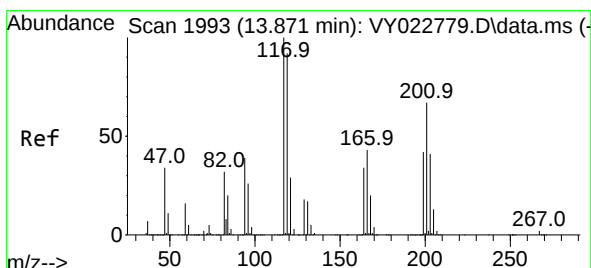
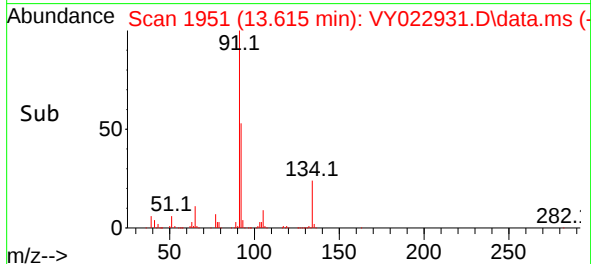
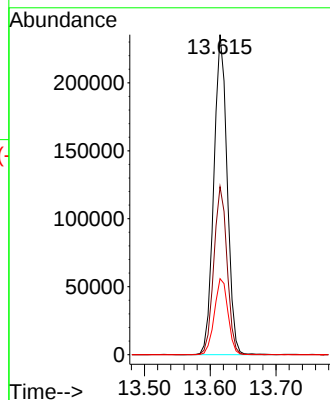
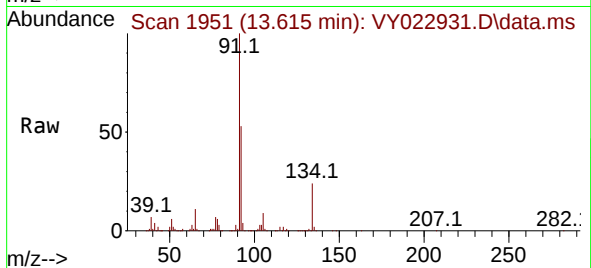
Tgt Ion: 91 Resp: 332530

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 21.568 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022931.D

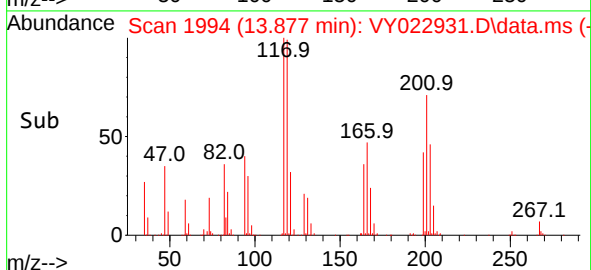
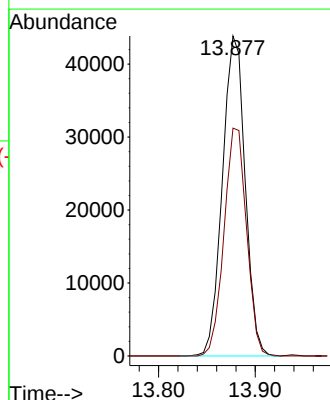
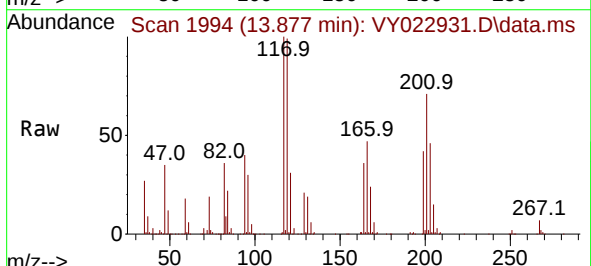
Acq: 03 Jul 2025 10:29

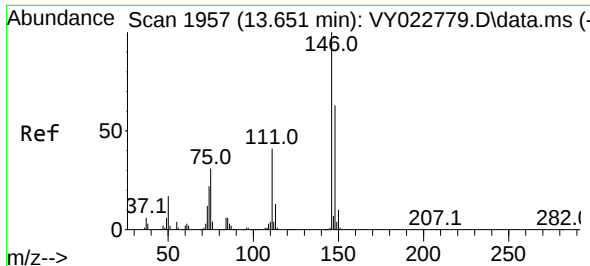
Tgt Ion: 117 Resp: 71505

Ion Ratio Lower Upper

117 100

201 70.6 34.0 102.0

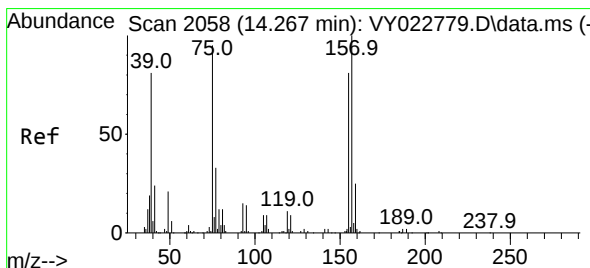
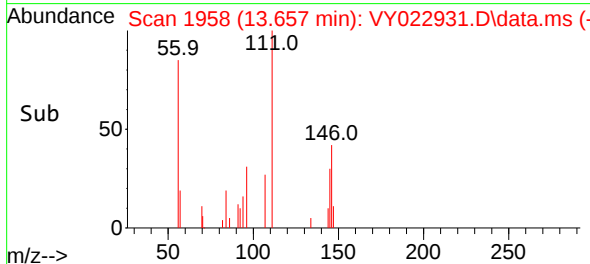
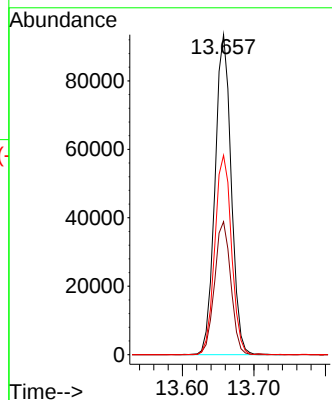
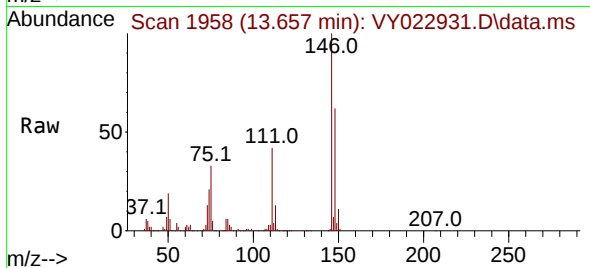




#91
 1,2-Dichlorobenzene
 Concen: 19.612 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

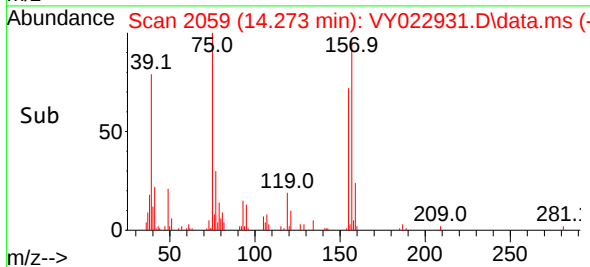
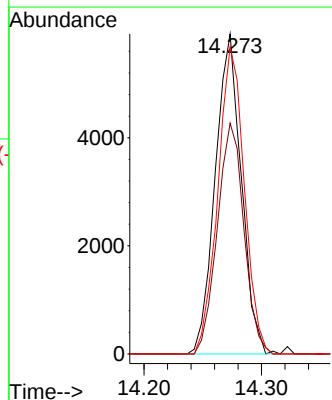
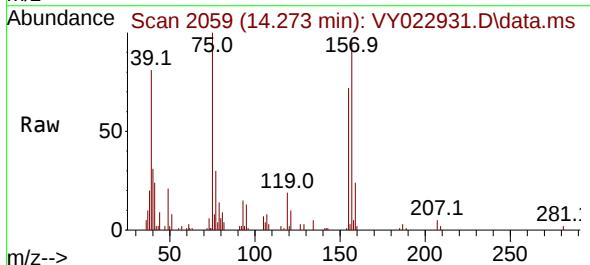
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

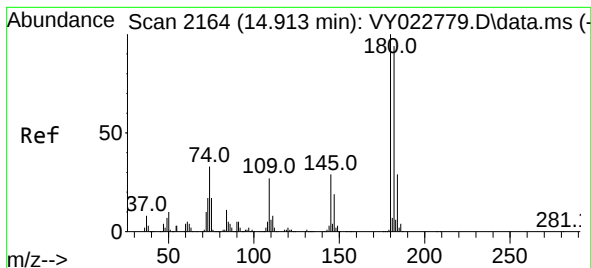
Tgt Ion:146 Resp: 146920
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.2 60.6
 148 64.1 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.822 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022931.D
 Acq: 03 Jul 2025 10:29

Tgt Ion: 75 Resp: 9096
 Ion Ratio Lower Upper
 75 100
 155 73.6 39.9 119.6
 157 97.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.690 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

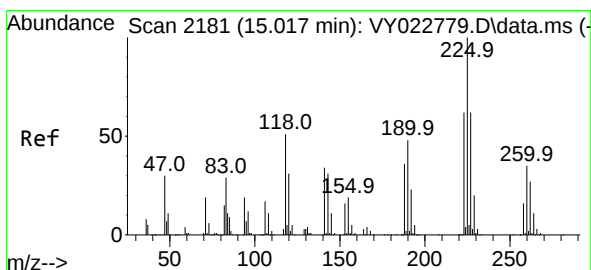
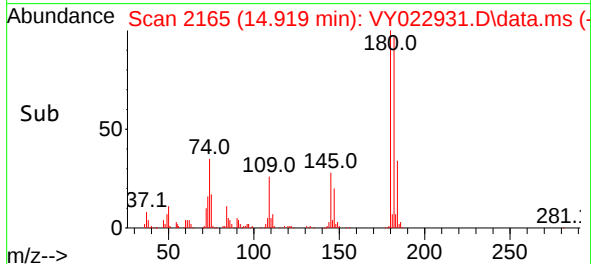
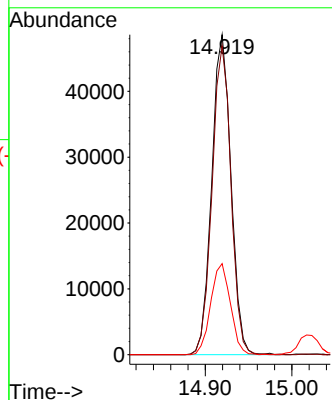
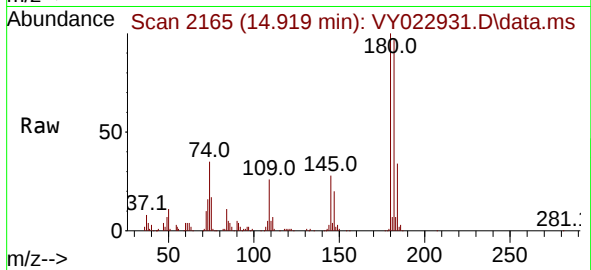
Tgt Ion:180 Resp: 74824

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.3

145 29.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.715 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022931.D

Acq: 03 Jul 2025 10:29

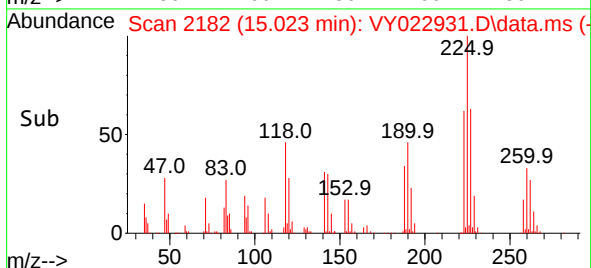
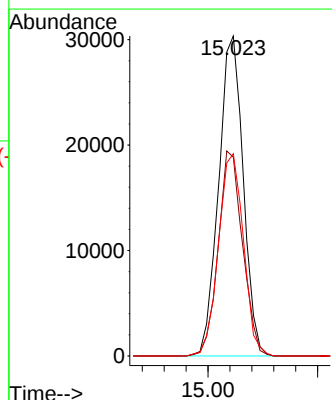
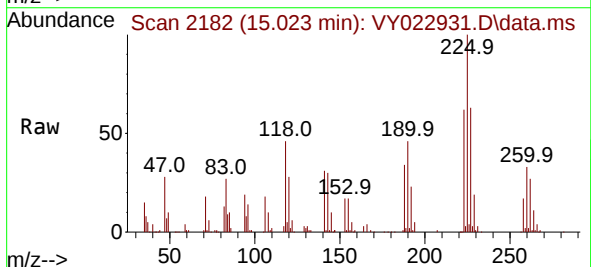
Tgt Ion:225 Resp: 47153

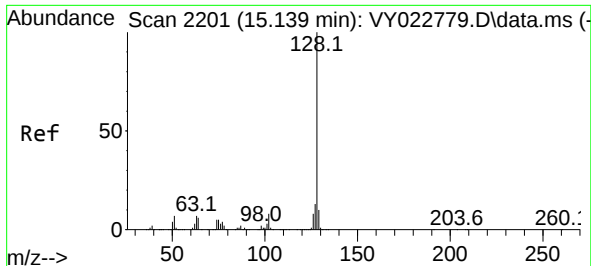
Ion Ratio Lower Upper

225 100

223 63.5 32.5 97.4

227 64.3 32.3 96.9

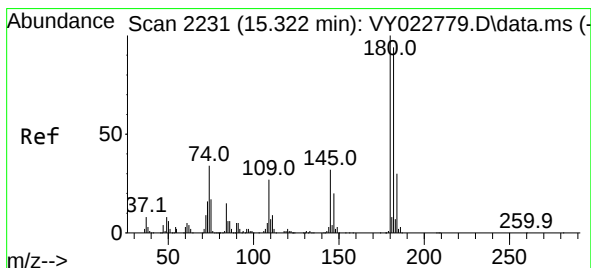
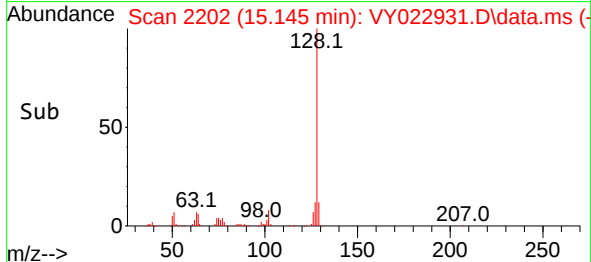
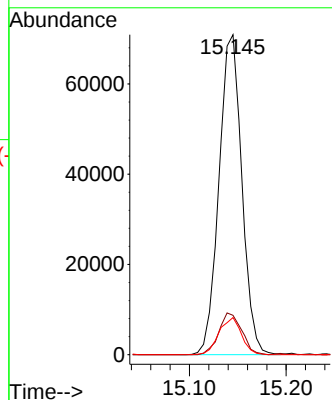
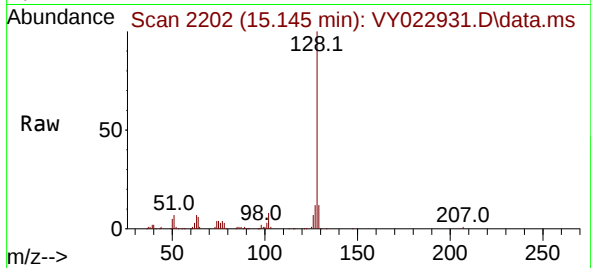




#95
Naphthalene
Concen: 15.195 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion:128 Resp: 116220
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 16.928 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022931.D
Acq: 03 Jul 2025 10:29

Tgt Ion:180 Resp: 61871
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 31.3 15.2 45.6

