

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022948.D
 Acq On : 07 Jul 2025 10:17
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 01:42:34 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	438661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	730129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	612594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	286401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	229601	46.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.800%
35) Dibromofluoromethane	7.634	113	219826	49.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	887929	50.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.401	95	266395	47.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76291	20.339	ug/l	96
3) Chloromethane	2.068	50	136859	19.107	ug/l	99
4) Vinyl Chloride	2.202	62	168346	18.813	ug/l	100
5) Bromomethane	2.592	94	132582	18.846	ug/l	97
6) Chloroethane	2.732	64	114293	19.001	ug/l	97
7) Trichlorofluoromethane	3.056	101	189157	19.090	ug/l	100
8) Diethyl Ether	3.452	74	48932	19.995	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96371	21.283	ug/l	97
10) Methyl Iodide	4.000	142	97940	19.866	ug/l	99
11) Tert butyl alcohol	4.872	59	25549	78.481	ug/l	99
12) 1,1-Dichloroethene	3.787	96	92533	20.840	ug/l	98
13) Acrolein	3.653	56	26290	59.555	ug/l	98
14) Allyl chloride	4.378	41	144251	21.122	ug/l	93
15) Acrylonitrile	5.061	53	95727	93.752	ug/l	98
16) Acetone	3.866	43	125926	136.083	ug/l	99
17) Carbon Disulfide	4.104	76	296213	20.651	ug/l	98
18) Methyl Acetate	4.385	43	50901	16.610	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	222490	18.403	ug/l	96
20) Methylene Chloride	4.610	84	165999	28.405	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	104766	20.645	ug/l	95
22) Diisopropyl ether	6.018	45	315738	20.818	ug/l	96
23) Vinyl Acetate	5.957	43	815265	97.329	ug/l	100
24) 1,1-Dichloroethane	5.909	63	194723	21.255	ug/l	99
25) 2-Butanone	6.896	43	142744	105.988	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167826	21.854	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118058	20.021	ug/l	98
28) Bromochloromethane	7.244	49	77658	20.163	ug/l	94
29) Tetrahydrofuran	7.262	42	76693	90.182	ug/l	96
30) Chloroform	7.421	83	193425	20.499	ug/l	92
31) Cyclohexane	7.701	56	176879	21.034	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	170941	20.964	ug/l	100
36) 1,1-Dichloropropene	7.835	75	141162	20.974	ug/l	100
37) Ethyl Acetate	6.982	43	53600	18.455	ug/l	98
38) Carbon Tetrachloride	7.817	117	150738	21.226	ug/l	97
39) Methylcyclohexane	9.109	83	180217	20.691	ug/l	98
40) Benzene	8.079	78	428546	20.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31864	17.822	ug/l	94
42) 1,2-Dichloroethane	8.158	62	110484	19.484	ug/l	99
43) Isopropyl Acetate	8.195	43	107707	17.843	ug/l	98
44) Trichloroethene	8.865	130	111170	21.398	ug/l	94
45) 1,2-Dichloropropane	9.140	63	100967	20.848	ug/l	98
46) Dibromomethane	9.231	93	52288	19.019	ug/l	96
47) Bromodichloromethane	9.420	83	144164	20.335	ug/l	98
48) Methyl methacrylate	9.219	41	52431	18.068	ug/l	91
49) 1,4-Dioxane	9.231	88	11448	352.448	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	269544	87.873	ug/l	97
52) Toluene	10.170	92	268161	20.541	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	123379	19.343	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	148236	20.043	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	68663	19.287	ug/l	96
56) Ethyl methacrylate	10.438	69	80850	16.880	ug/l	95
57) 1,3-Dichloropropane	10.713	76	119083	19.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	211650	94.467	ug/l	99
59) 2-Hexanone	10.761	43	202197	96.955	ug/l	99
60) Dibromochloromethane	10.908	129	88862	19.325	ug/l	99
61) 1,2-Dibromoethane	11.011	107	61866	18.571	ug/l	97
64) Tetrachloroethene	10.646	164	129132	22.313	ug/l	97
65) Chlorobenzene	11.438	112	278486	20.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92449	20.278	ug/l	98
67) Ethyl Benzene	11.517	91	488947	20.674	ug/l	99
68) m/p-Xylenes	11.627	106	378381	41.388	ug/l	100
69) o-Xylene	11.950	106	174593	20.268	ug/l	100
70) Styrene	11.969	104	285850	19.810	ug/l	99
71) Bromoform	12.133	173	46387	18.273	ug/l #	98
73) Isopropylbenzene	12.255	105	454471	21.456	ug/l	99
74) N-amyl acetate	12.072	43	84963	17.870	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	62566	18.328	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	97054	33.193	ug/l #	100
77) Bromobenzene	12.529	156	99192	20.661	ug/l	99
78) n-propylbenzene	12.590	91	563095	22.019	ug/l	100
79) 2-Chlorotoluene	12.676	91	314450	21.763	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	363308	21.247	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	22687	19.603	ug/l	97
82) 4-Chlorotoluene	12.773	91	315835	20.811	ug/l	100
83) tert-Butylbenzene	12.993	119	325048	21.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	362921	21.200	ug/l	100
85) sec-Butylbenzene	13.176	105	489226	21.562	ug/l	99
86) p-Isopropyltoluene	13.285	119	399082	21.137	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	199343	20.674	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	196099	20.474	ug/l	99
89) n-Butylbenzene	13.615	91	373963	21.056	ug/l	100
90) Hexachloroethane	13.877	117	81916	21.783	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	170602	20.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9741	16.827	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	88322	18.410	ug/l	99
94) Hexachlorobutadiene	15.023	225	53676	19.785	ug/l	99
95) Naphthalene	15.139	128	137408	15.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	73428	17.712	ug/l	98

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

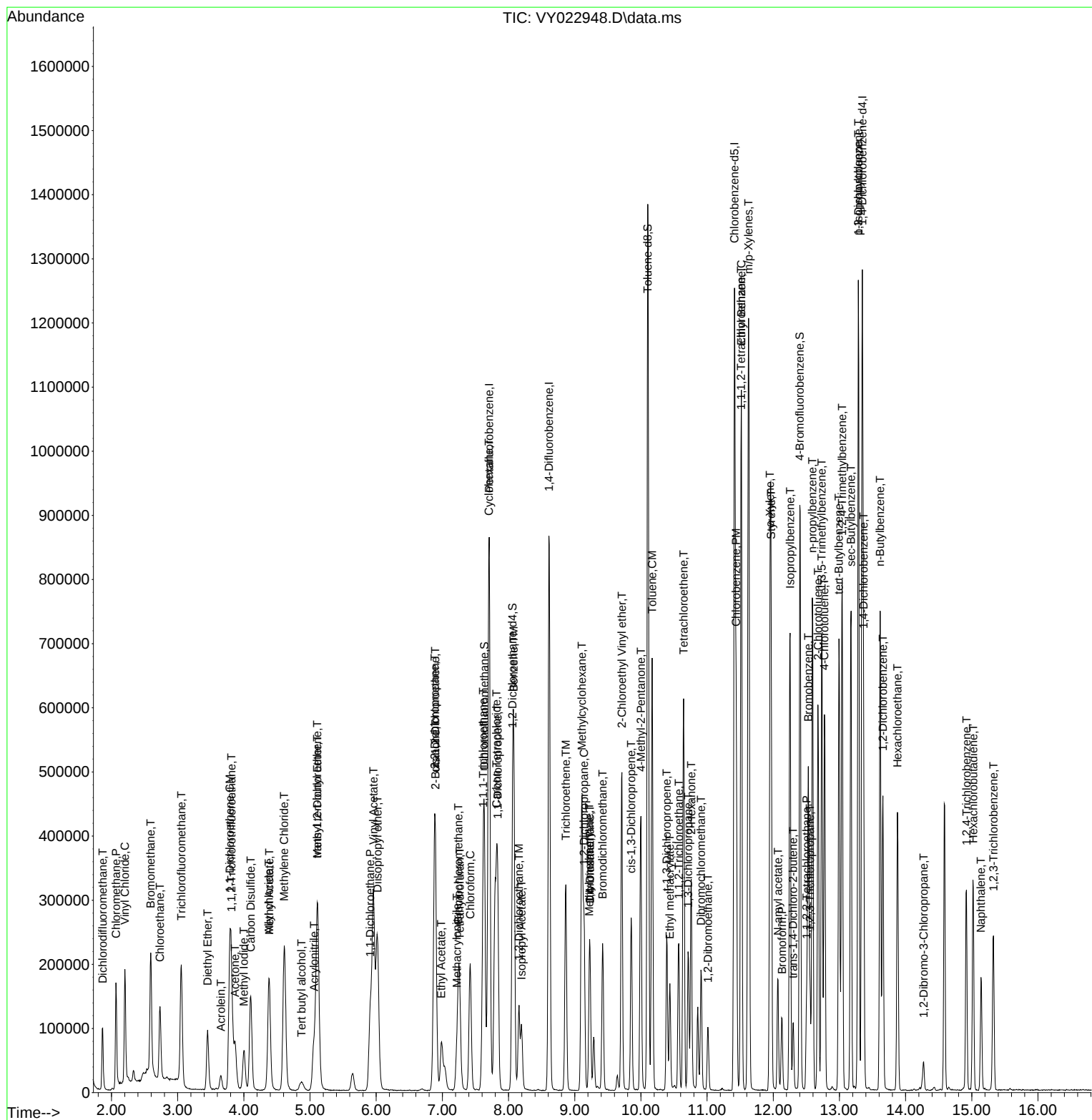
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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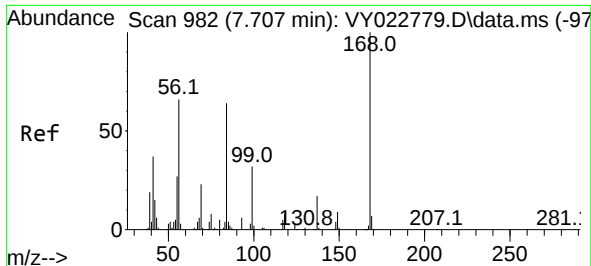
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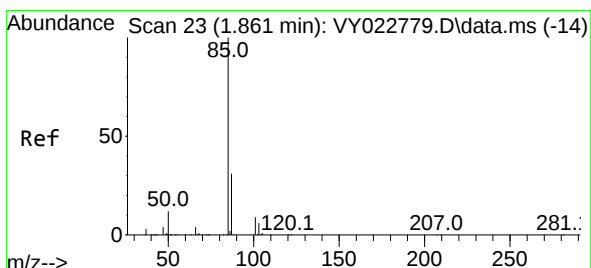
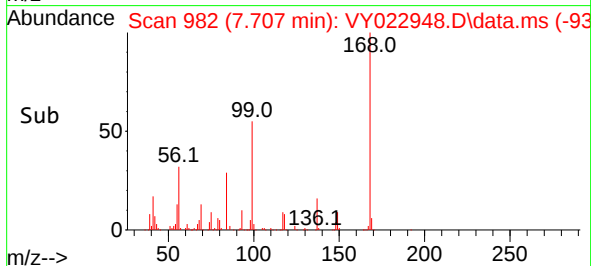
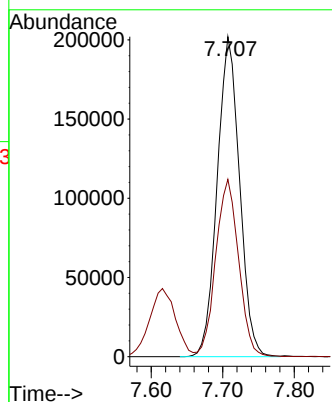
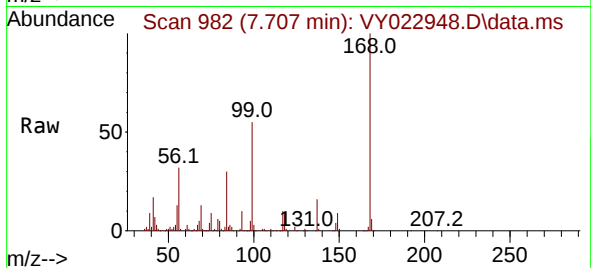




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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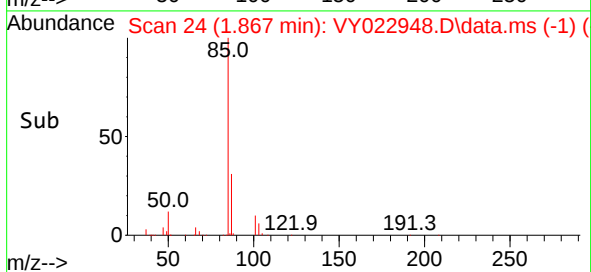
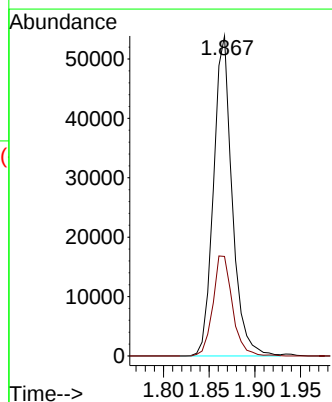
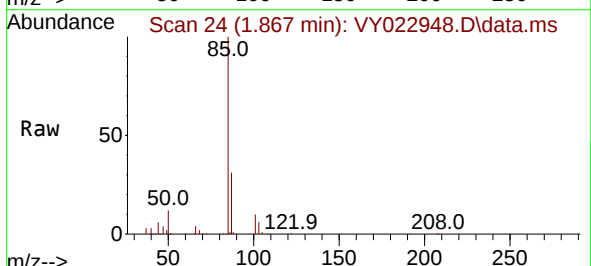
Instrument :
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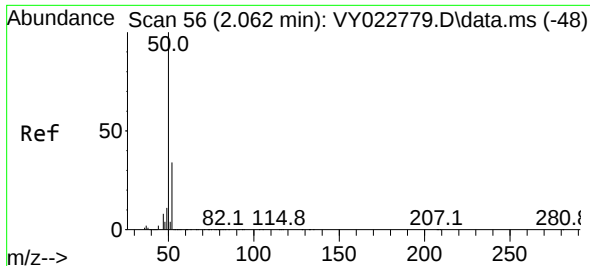
Tgt Ion:168 Resp: 438661
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.339 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 85 Resp: 76291
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.0

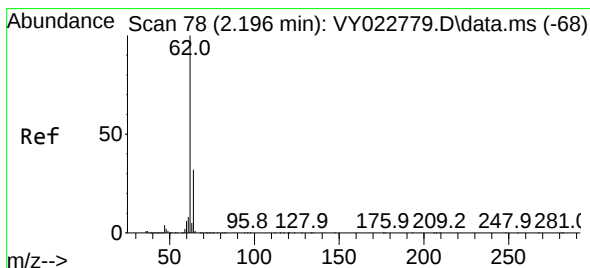
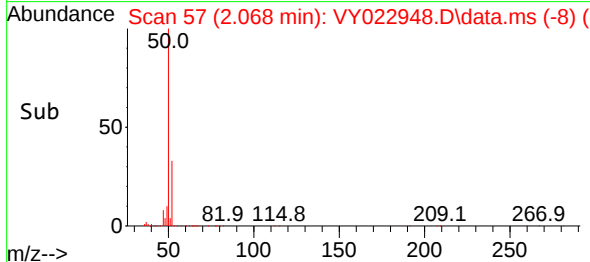
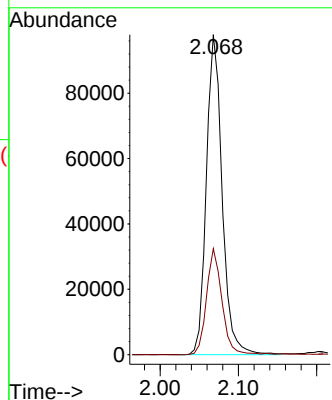
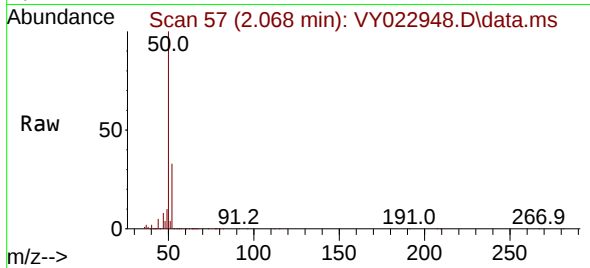




#3
Chloromethane
Concen: 19.107 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

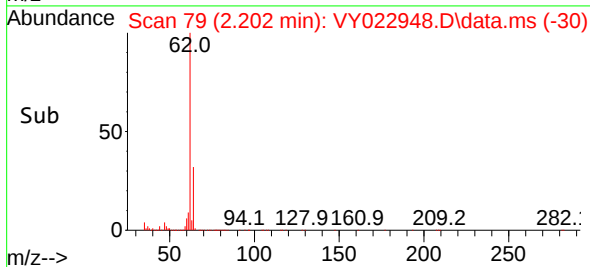
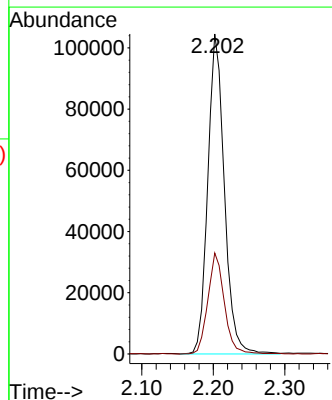
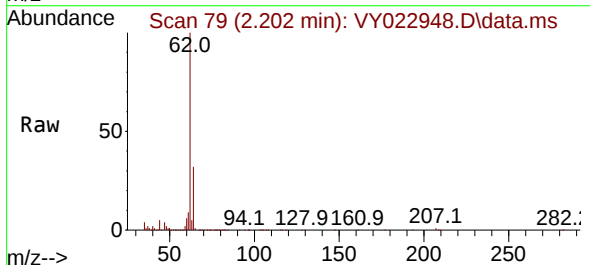
Instrument :
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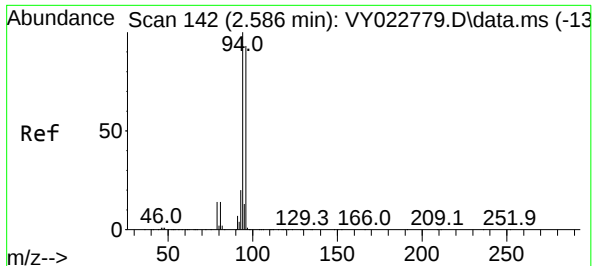
Tgt Ion: 50 Resp: 136859
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 18.813 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 62 Resp: 168346
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

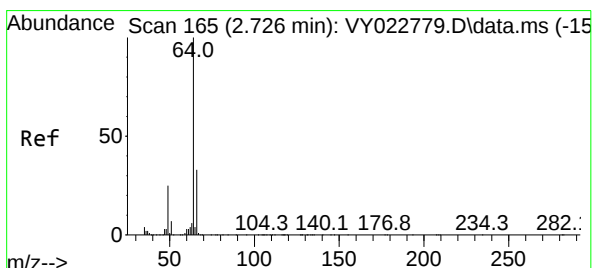
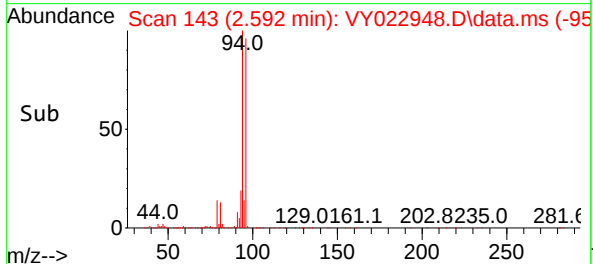
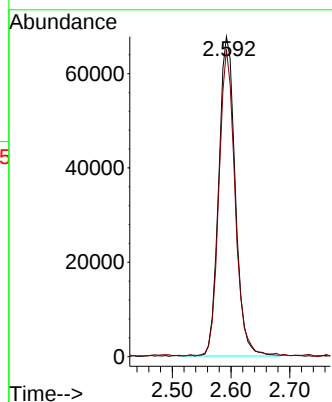
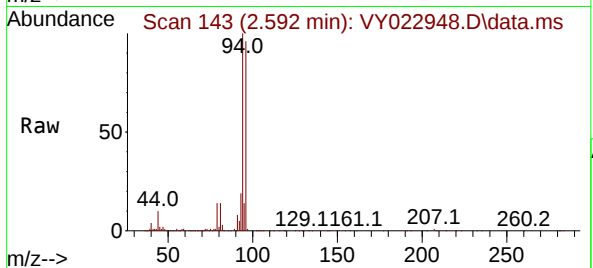




#5
Bromomethane
Concen: 18.846 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022948.D
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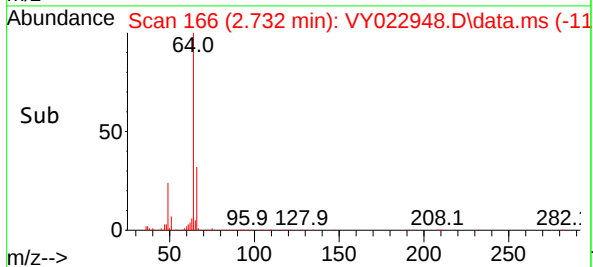
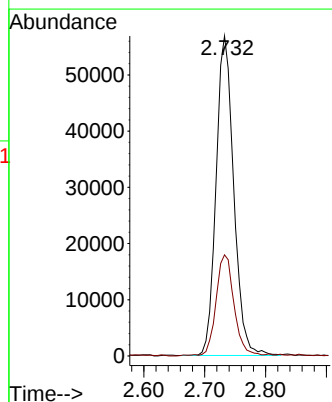
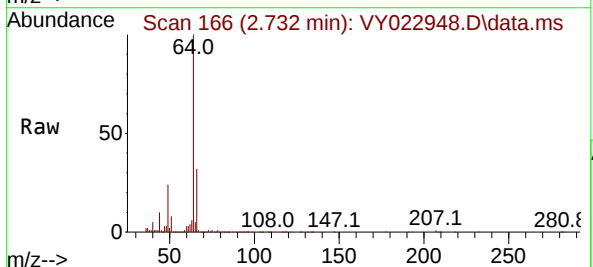
Instrument :
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Tgt Ion: 94 Resp: 132582
Ion Ratio Lower Upper
94 100
96 95.8 74.0 111.0



#6
Chloroethane
Concen: 19.001 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022948.D
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Tgt Ion: 64 Resp: 114293
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6

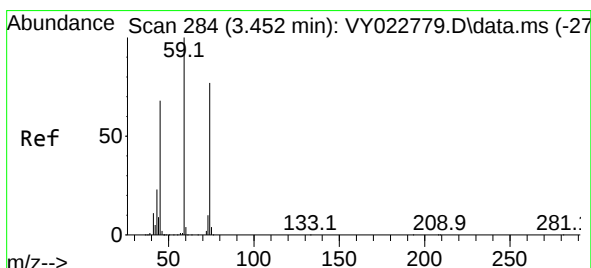
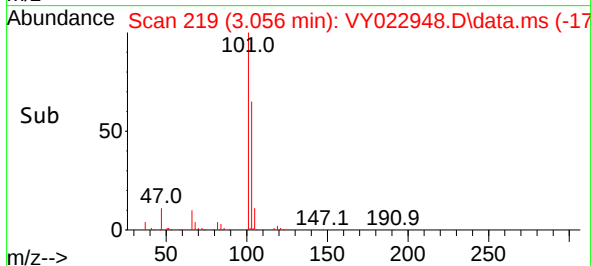
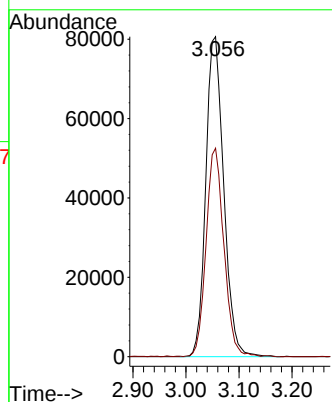
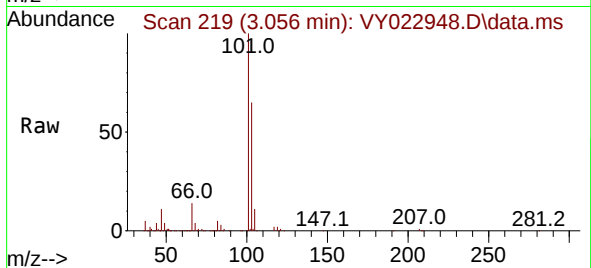




#7
 Trichlorofluoromethane
 Concen: 19.090 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY022948.D
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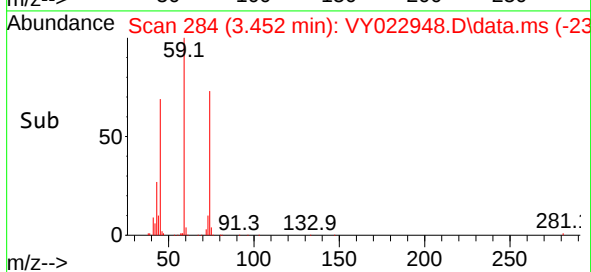
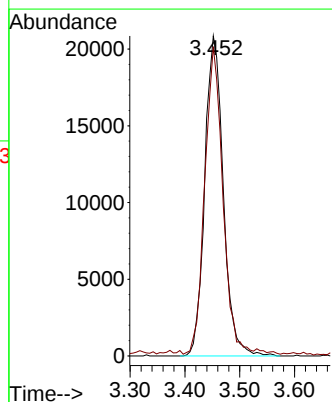
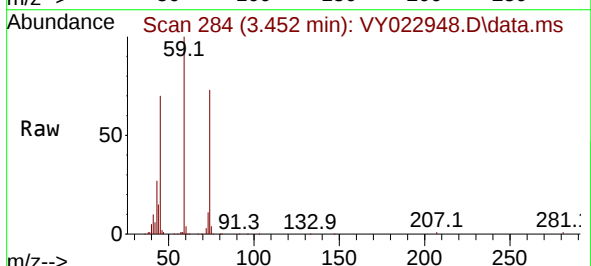
Instrument :
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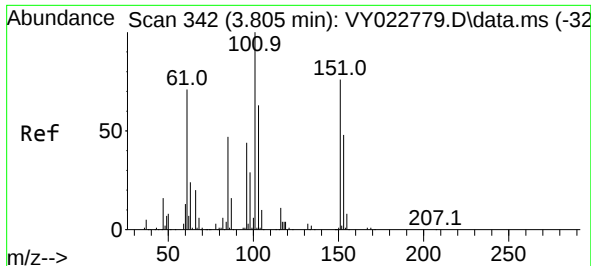
Tgt Ion:101 Resp: 189157
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 19.995 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022948.D
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Tgt Ion: 74 Resp: 48932
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.9 137.6

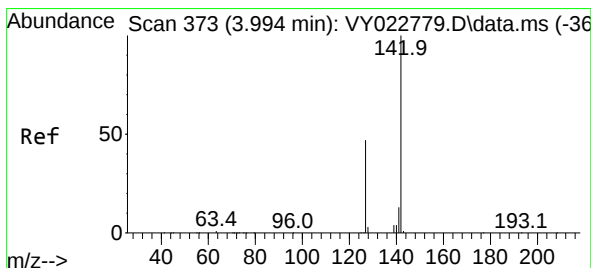
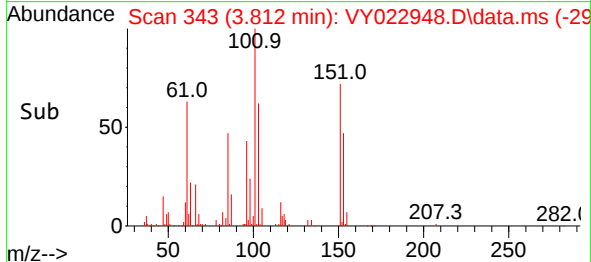
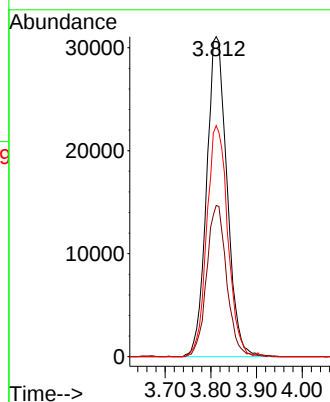
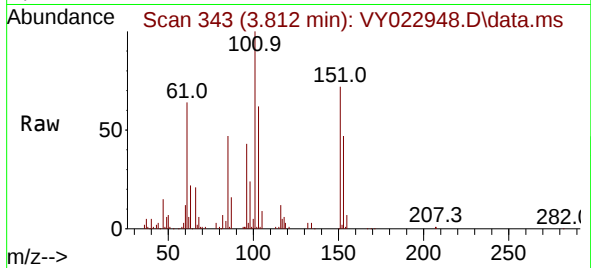




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

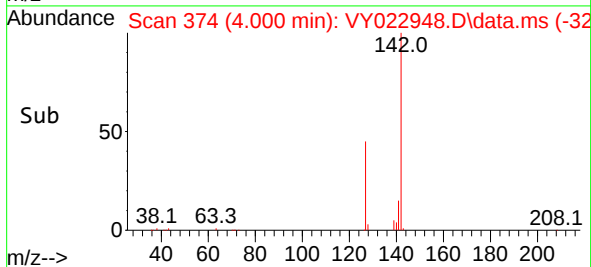
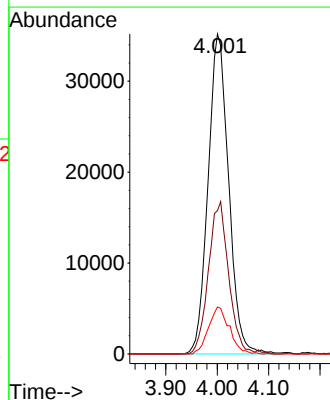
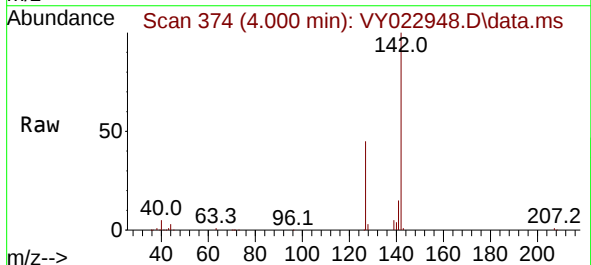
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tgt Ion:101 Resp: 96371
Ion Ratio Lower Upper
101 100
85 46.6 39.3 58.9
151 74.0 57.8 86.8



#10
Methyl Iodide
Concen: 19.866 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:142 Resp: 97940
Ion Ratio Lower Upper
142 100
127 46.6 37.1 55.7
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 78.481 ug/l

RT: 4.872 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

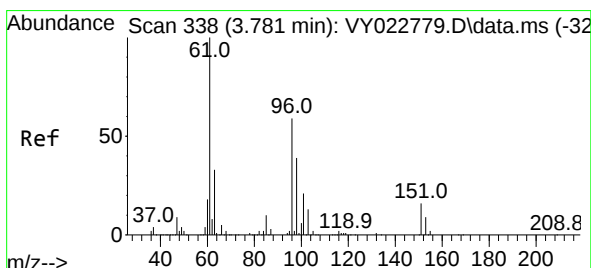
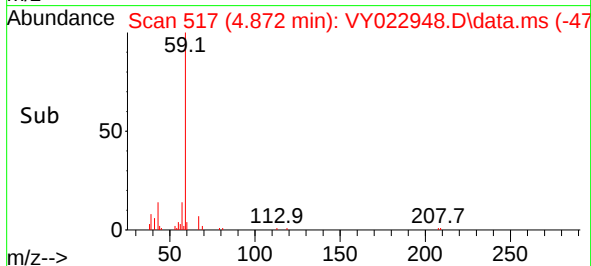
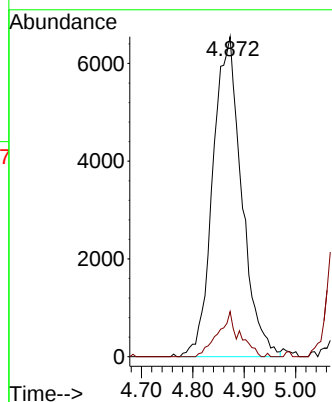
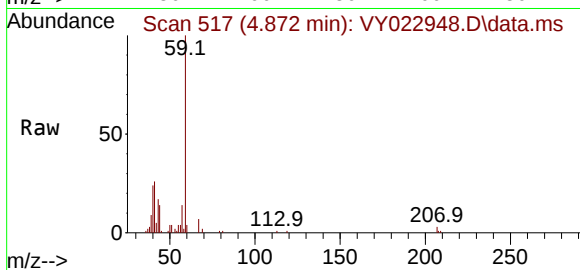
VY0707SBS01

Tgt Ion: 59 Resp: 25549

Ion Ratio Lower Upper

59 100

57 10.5 8.0 12.0



#12

1,1-Dichloroethene

Concen: 20.840 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

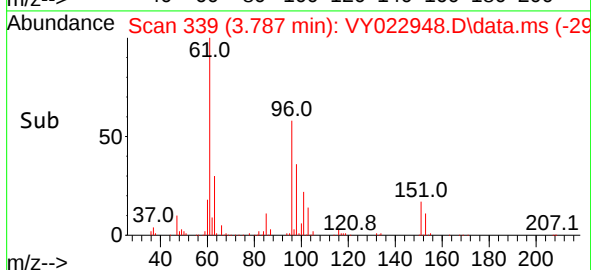
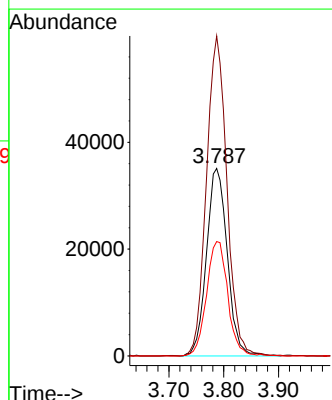
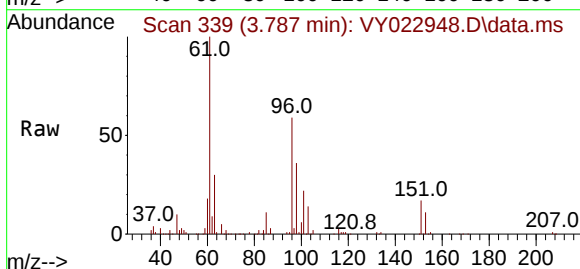
Tgt Ion: 96 Resp: 92533

Ion Ratio Lower Upper

96 100

61 170.6 134.6 201.8

98 61.0 50.2 75.4

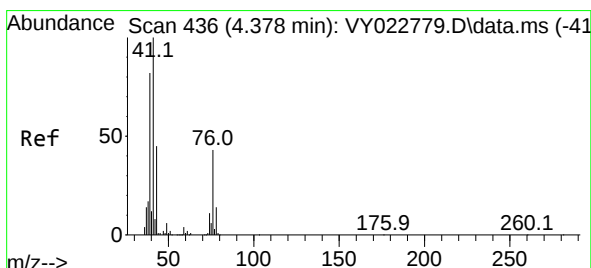
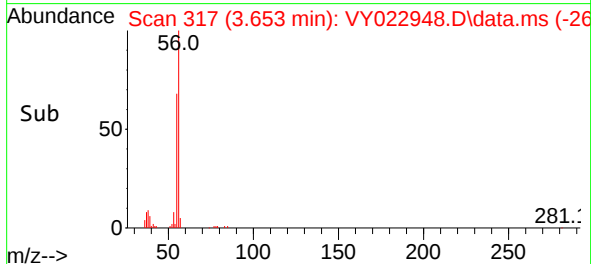
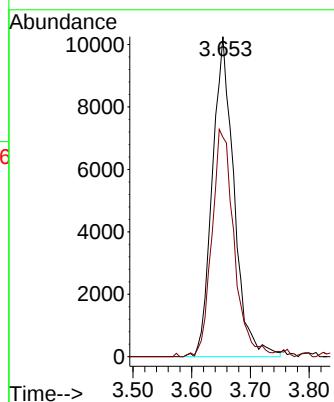
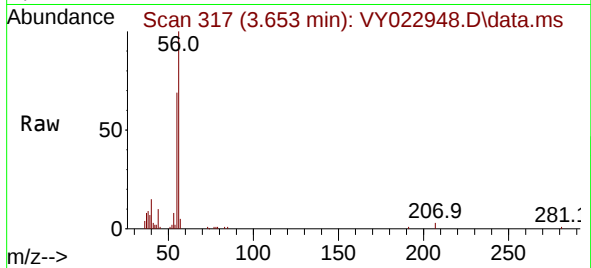




#13
Acrolein
Concen: 59.555 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

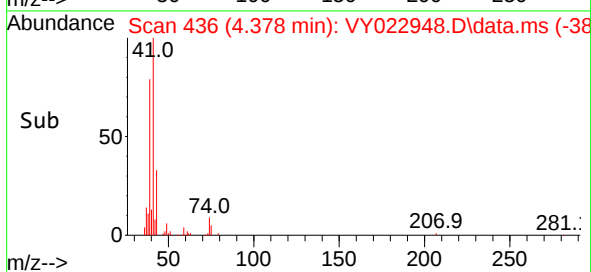
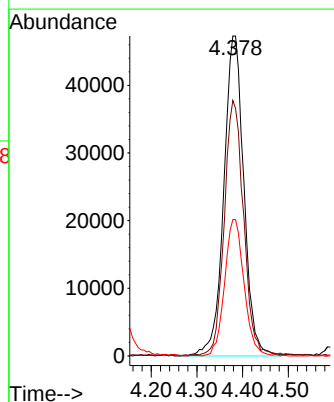
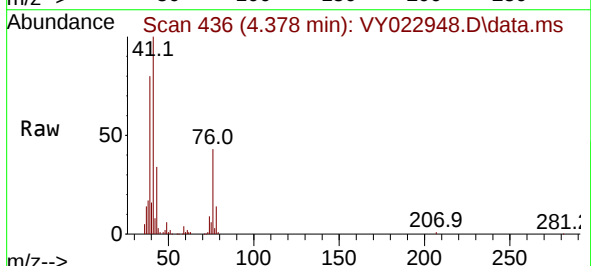
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

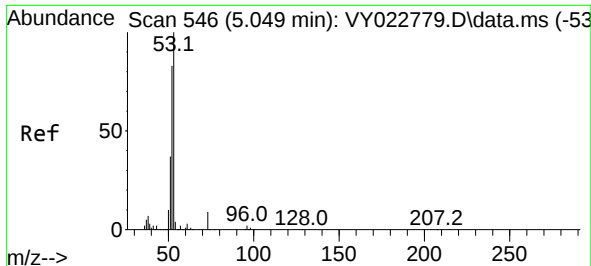
Tgt Ion: 56 Resp: 26290
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.6



#14
Allyl chloride
Concen: 21.122 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 41 Resp: 144251
Ion Ratio Lower Upper
41 100
39 76.7 69.1 103.7
76 41.4 33.5 50.3

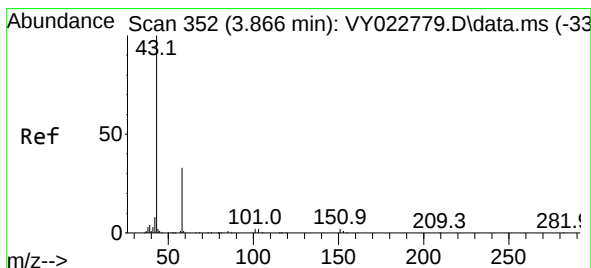
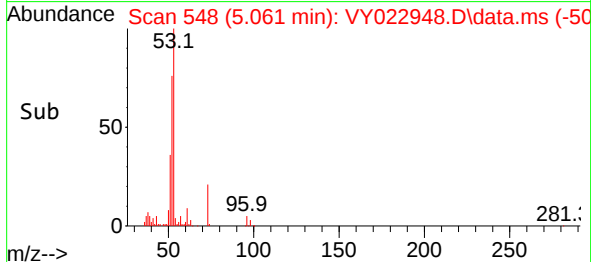
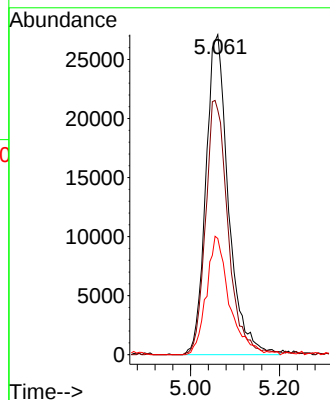
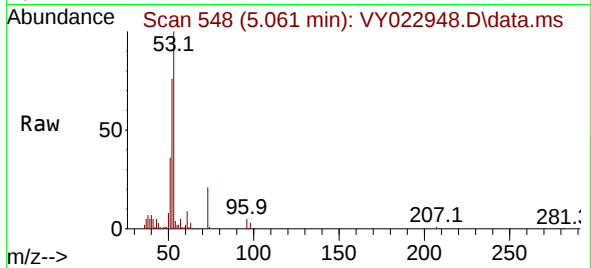




#15
Acrylonitrile
Concen: 93.752 ug/l
RT: 5.061 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

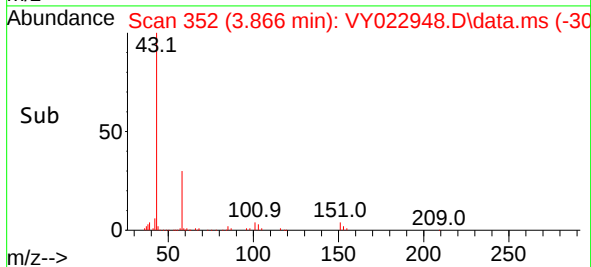
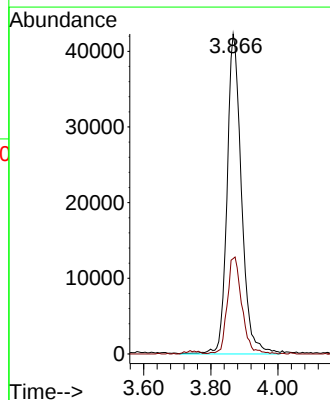
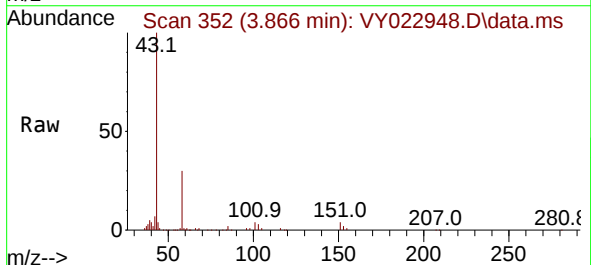
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

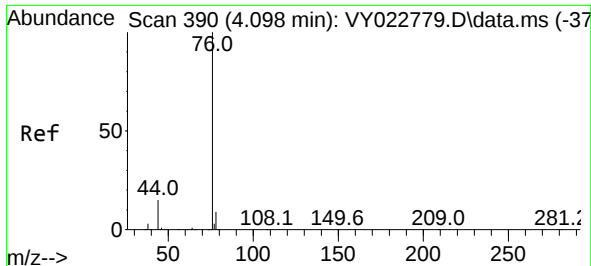
Tgt Ion: 53 Resp: 95727
Ion Ratio Lower Upper
53 100
52 79.2 65.7 98.5
51 38.0 30.1 45.1



#16
Acetone
Concen: 136.083 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 43 Resp: 125926
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0

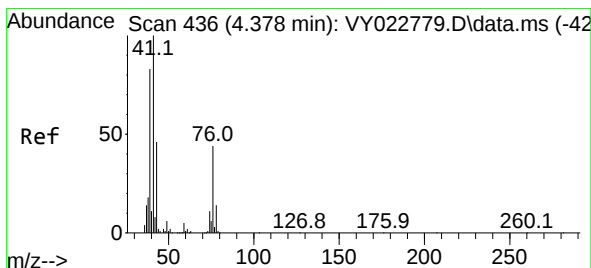
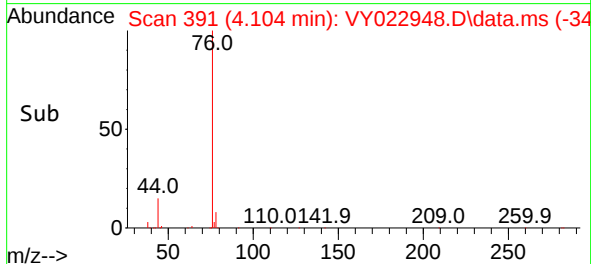
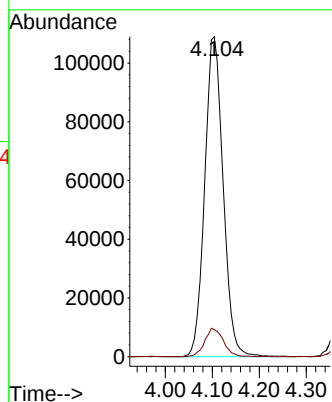
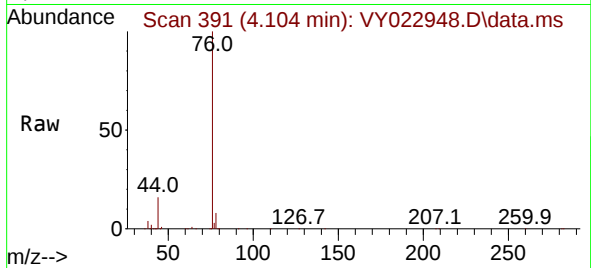




#17
Carbon Disulfide
Concen: 20.651 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

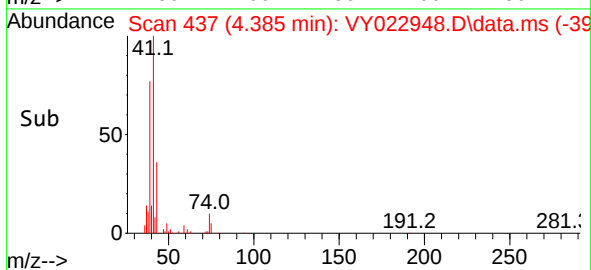
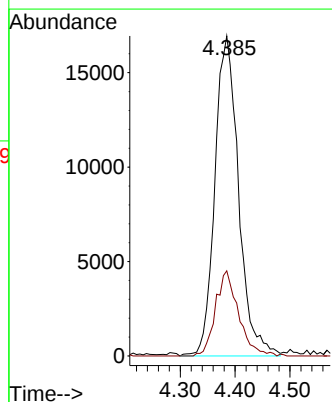
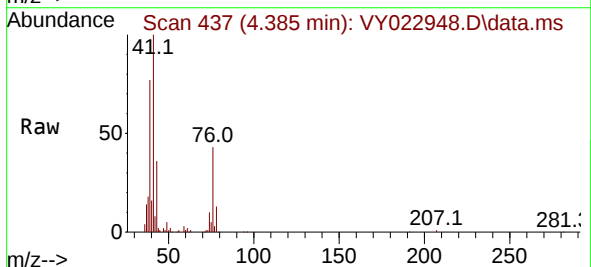
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tgt Ion: 76 Resp: 296213
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 16.610 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 43 Resp: 50901
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 18.403 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

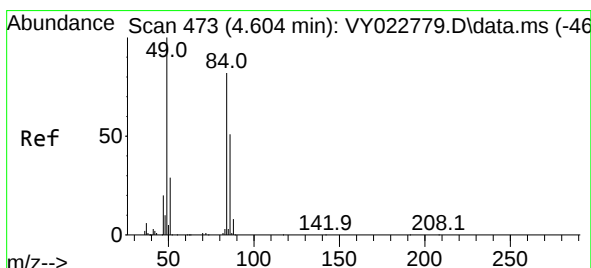
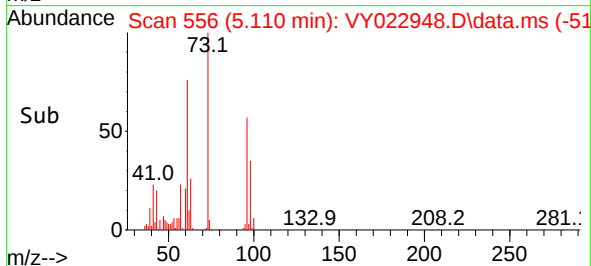
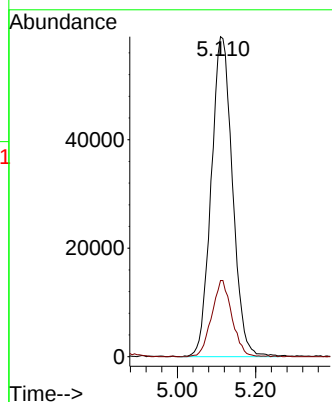
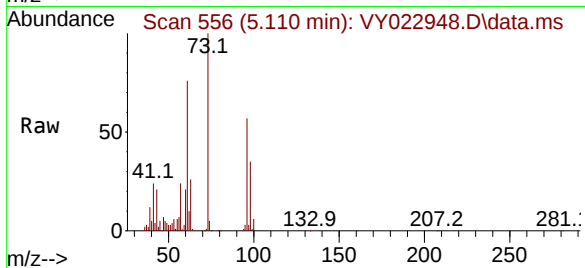
VY0707SBS01

Tgt Ion: 73 Resp: 222490

Ion Ratio Lower Upper

73 100

57 23.8 17.4 26.0



#20

Methylene Chloride

Concen: 28.405 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Tgt Ion: 84 Resp: 165999

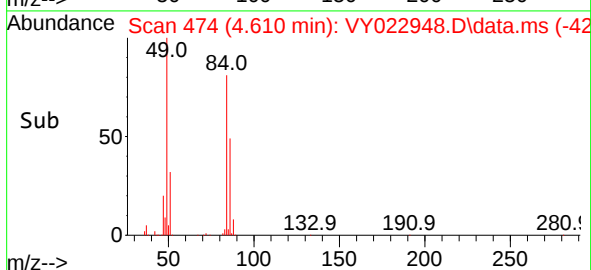
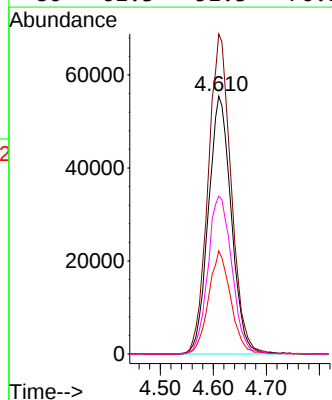
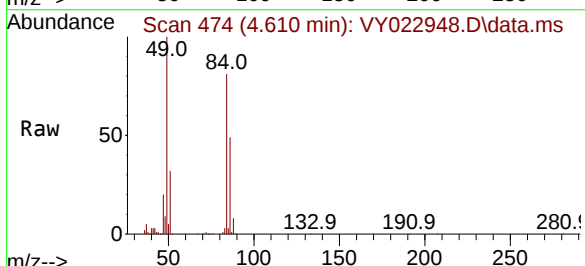
Ion Ratio Lower Upper

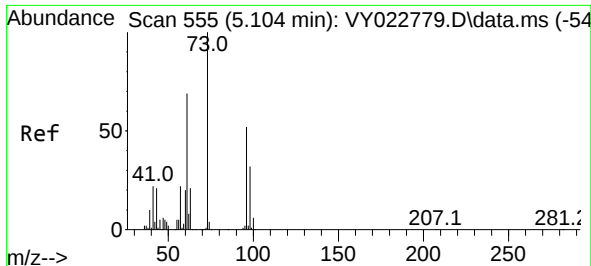
84 100

49 124.2 101.9 152.9

51 39.8 29.8 44.8

86 61.3 51.3 76.9

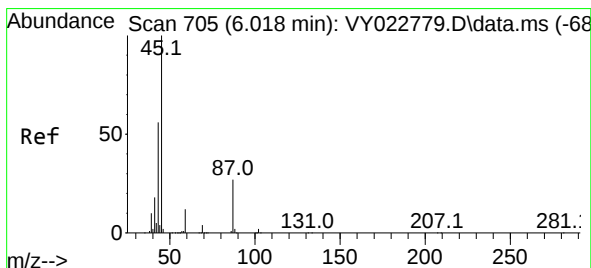
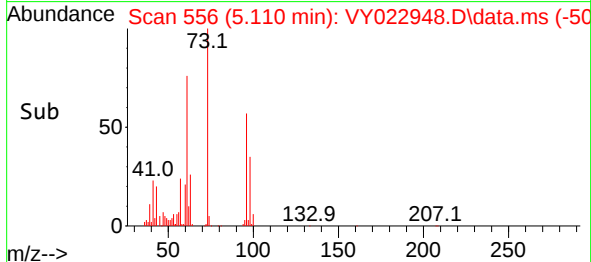
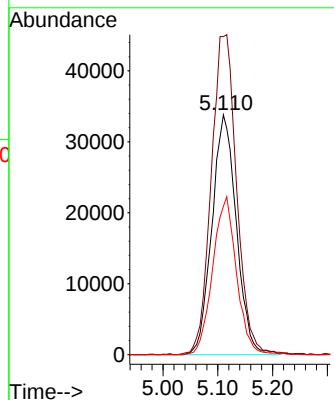
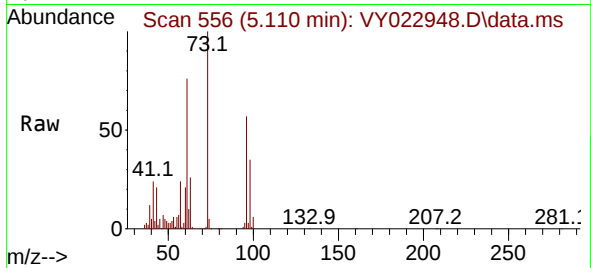




#21
trans-1,2-Dichloroethene
Concen: 20.645 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

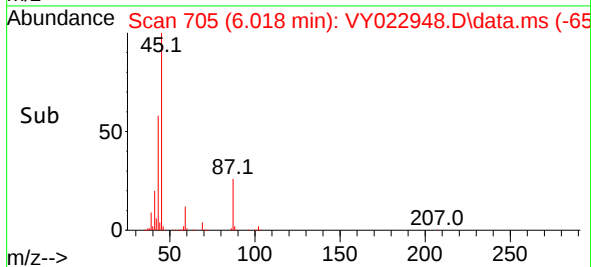
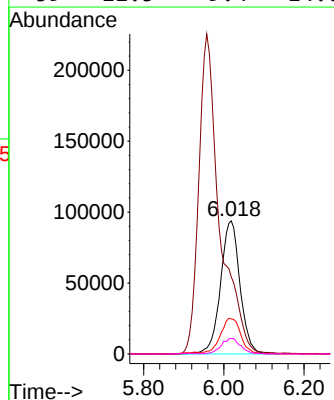
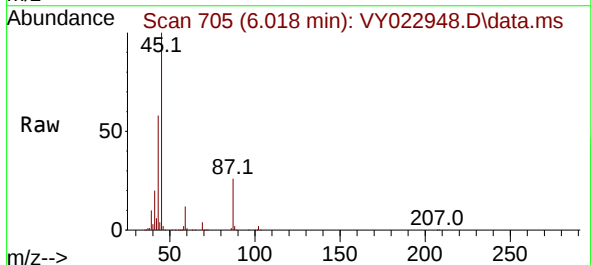
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

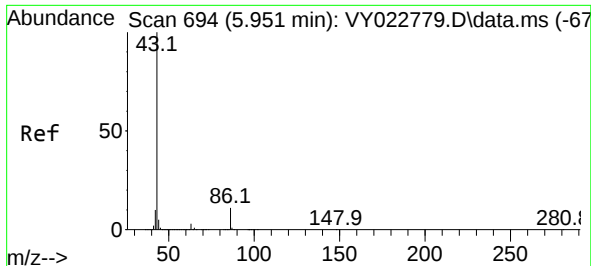
Tgt Ion: 96 Resp: 104766
Ion Ratio Lower Upper
96 100
61 132.4 112.6 169.0
98 61.8 50.6 75.8



#22
Diisopropyl ether
Concen: 20.818 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 45 Resp: 315738
Ion Ratio Lower Upper
45 100
43 57.6 48.3 72.5
87 26.3 23.0 34.6
59 11.5 9.4 14.0

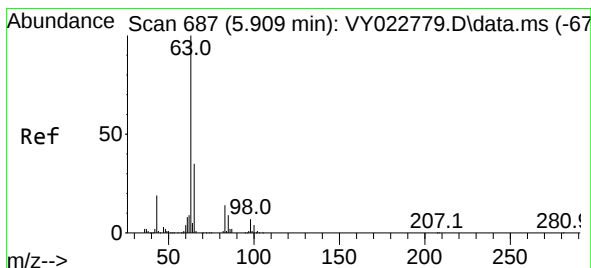
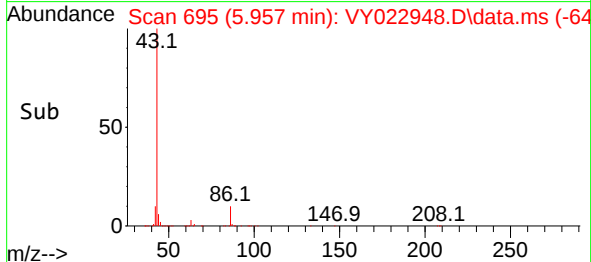
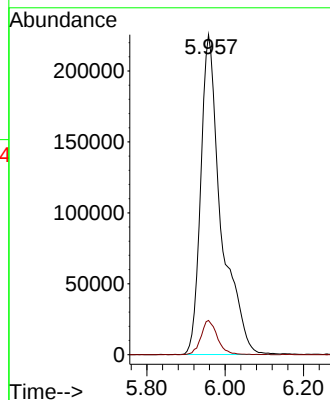
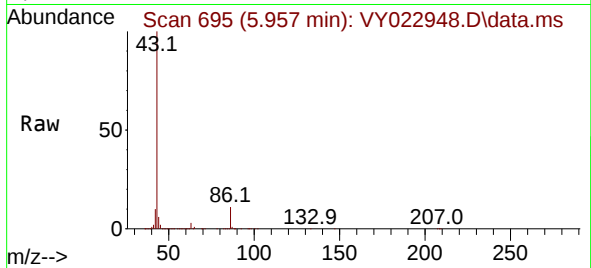




#23
 Vinyl Acetate
 Concen: 97.329 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

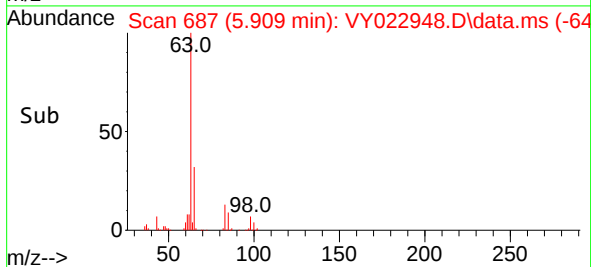
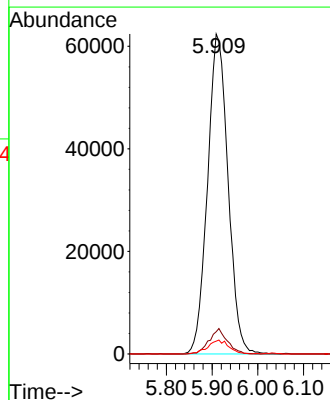
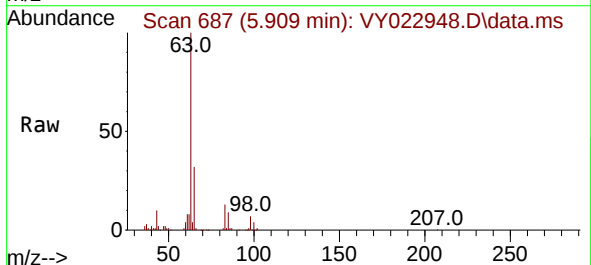
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

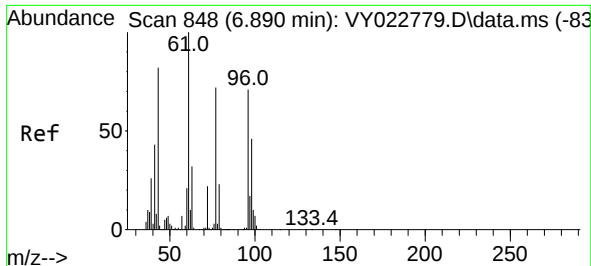
Tgt Ion: 43 Resp: 815265
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.255 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

Tgt Ion: 63 Resp: 194723
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 105.988 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

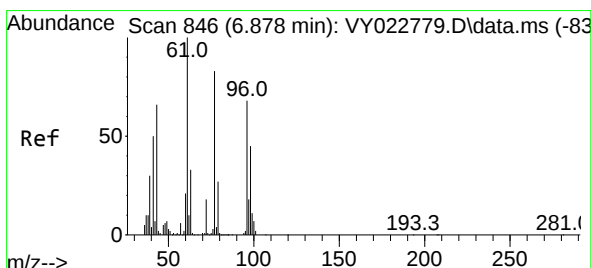
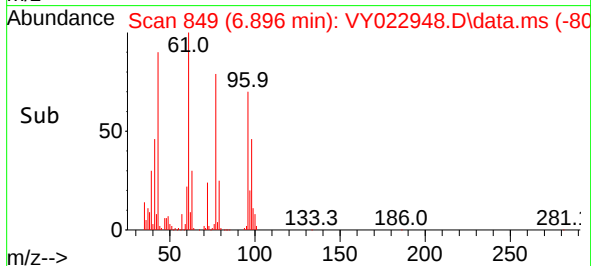
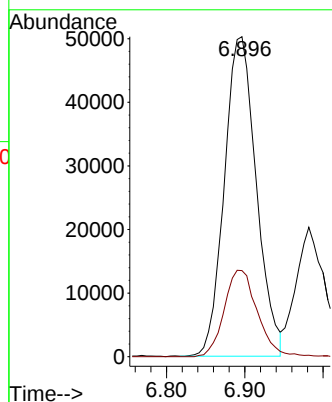
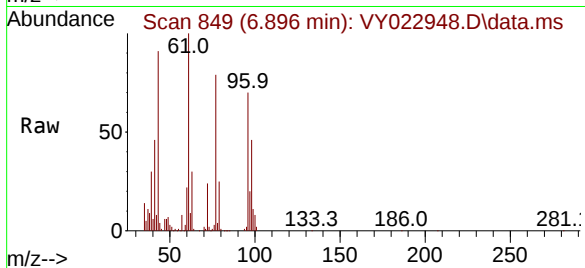
VY0707SBS01

Tgt Ion: 43 Resp: 142744

Ion Ratio Lower Upper

43 100

72 26.9 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.854 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022948.D

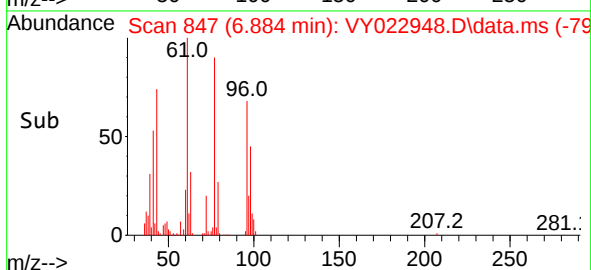
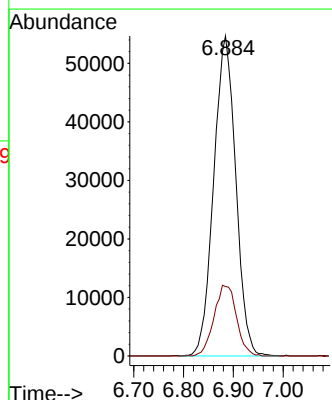
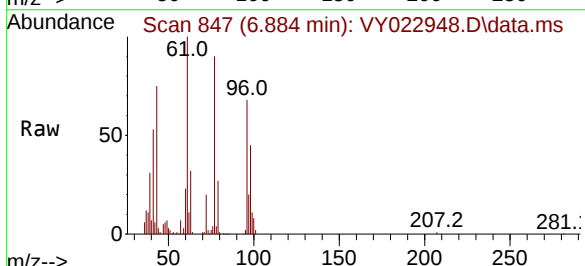
Acq: 07 Jul 2025 10:17

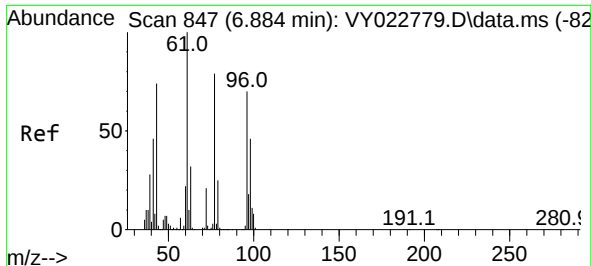
Tgt Ion: 77 Resp: 167826

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2



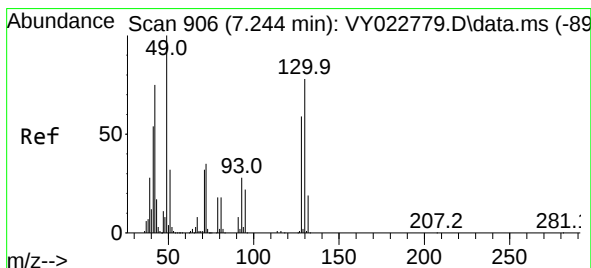
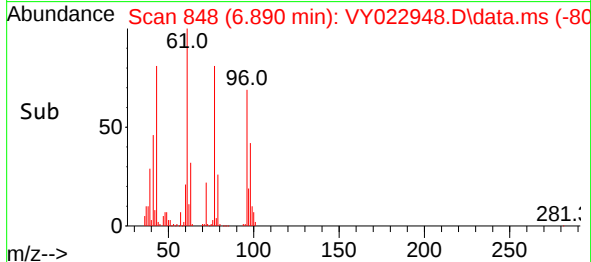
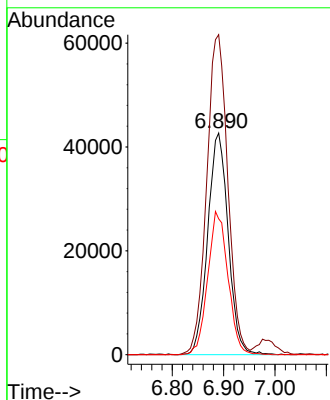
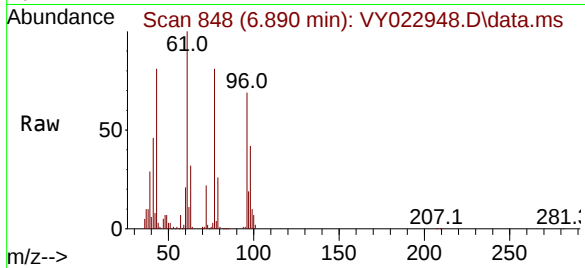


#27
 cis-1,2-Dichloroethene
 Concen: 20.021 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tgt Ion: 96 Resp: 118058

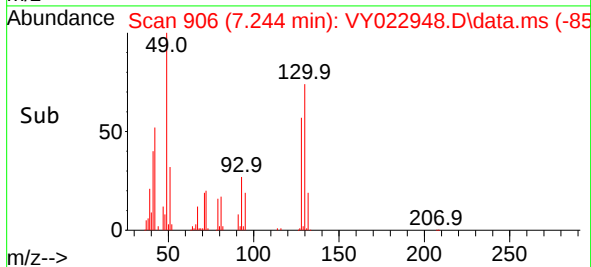
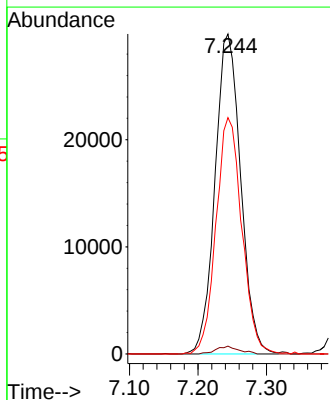
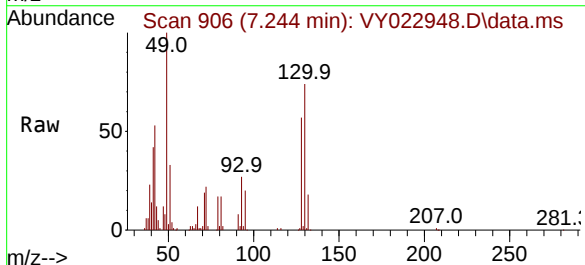
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.0
98	64.0	0.0	128.4

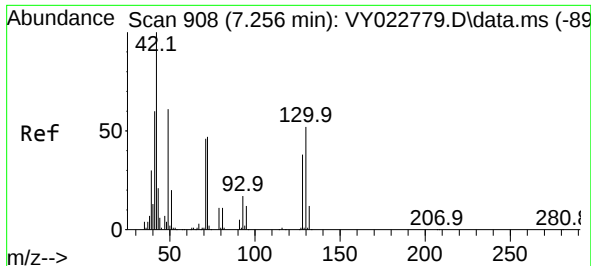


#28
 Bromochloromethane
 Concen: 20.163 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

Tgt Ion: 49 Resp: 77658

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	74.2	55.7	83.5





#29

Tetrahydrofuran

Concen: 90.182 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

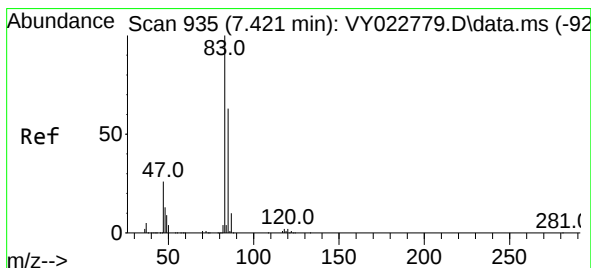
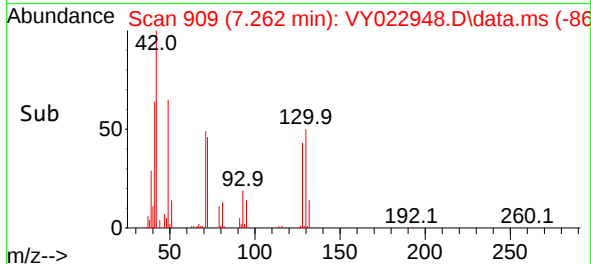
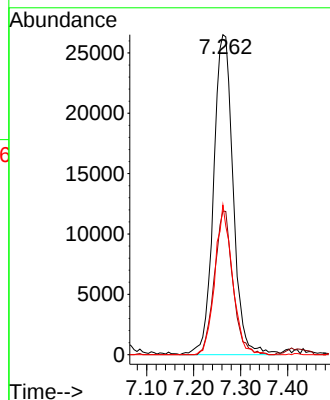
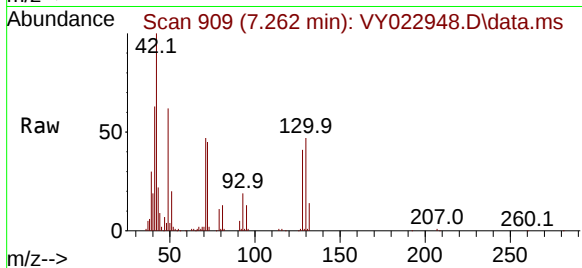
Tgt Ion: 42 Resp: 76693

Ion Ratio Lower Upper

42 100

72 42.3 37.4 56.2

71 41.6 34.2 51.2



#30

Chloroform

Concen: 20.499 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022948.D

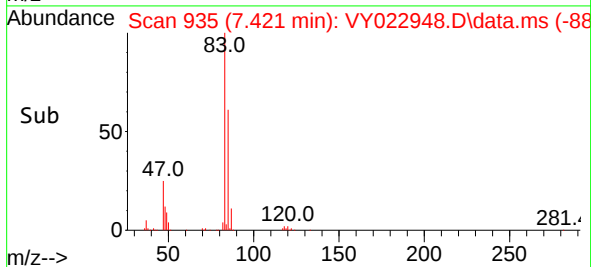
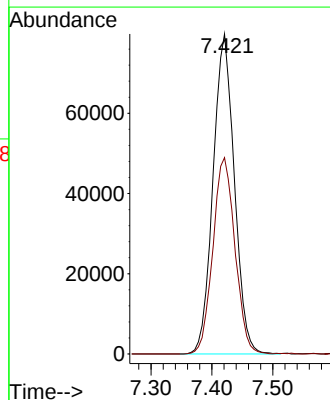
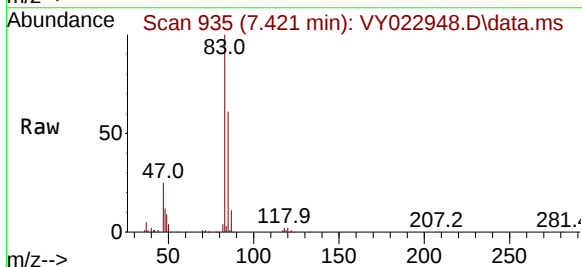
Acq: 07 Jul 2025 10:17

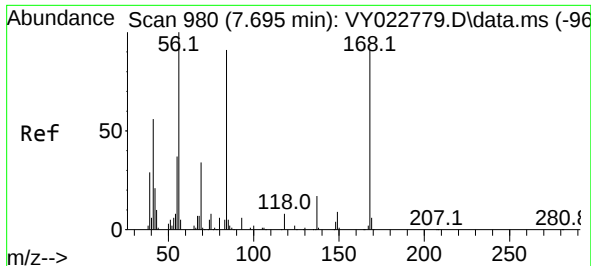
Tgt Ion: 83 Resp: 193425

Ion Ratio Lower Upper

83 100

85 61.4 54.2 81.4

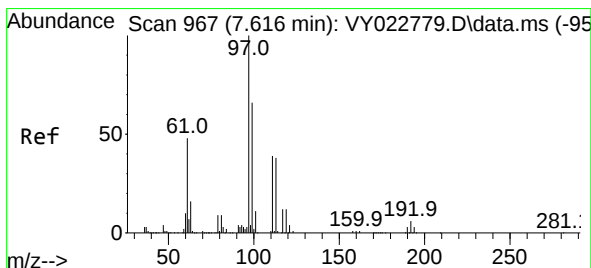
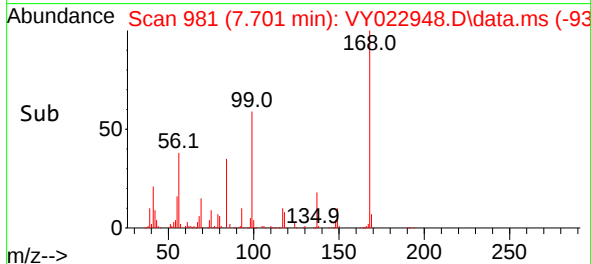
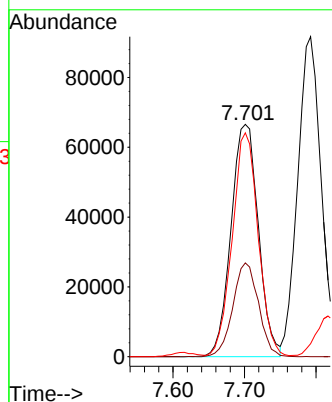
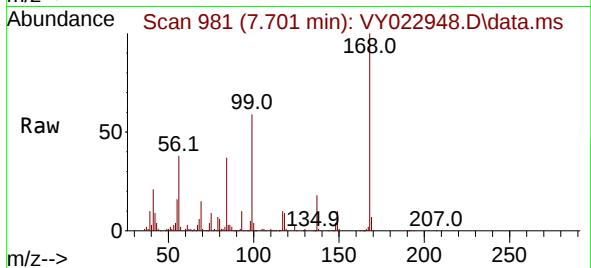




#31
Cyclohexane
Concen: 21.034 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

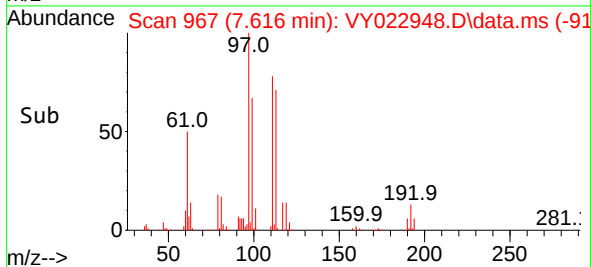
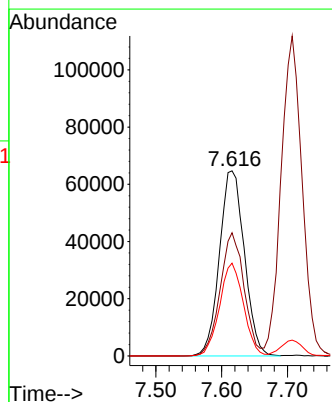
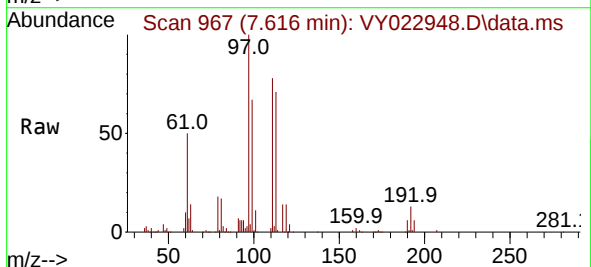
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

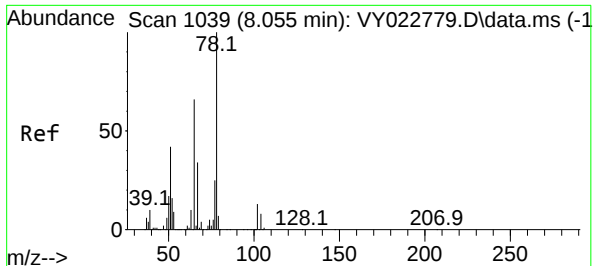
Tgt Ion: 56 Resp: 176879
Ion Ratio Lower Upper
56 100
69 40.4 27.0 40.6
84 94.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.964 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 97 Resp: 170941
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 48.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 46.897 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

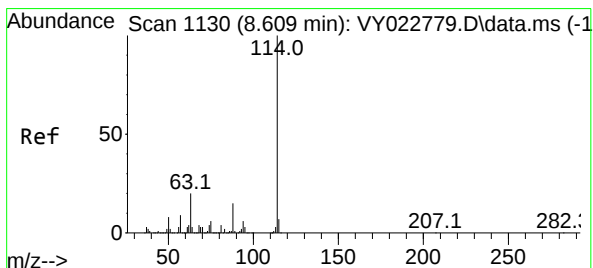
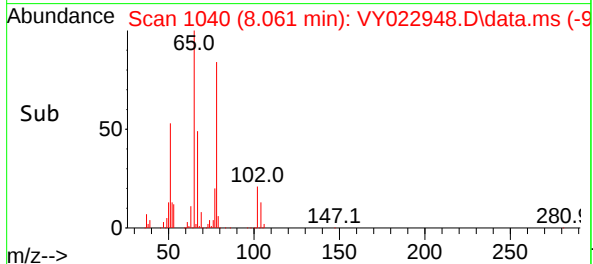
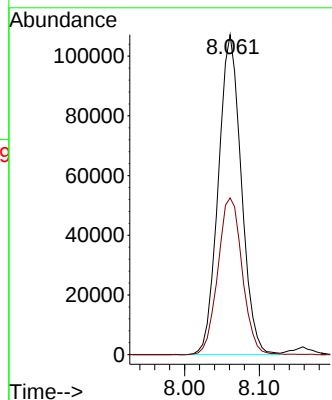
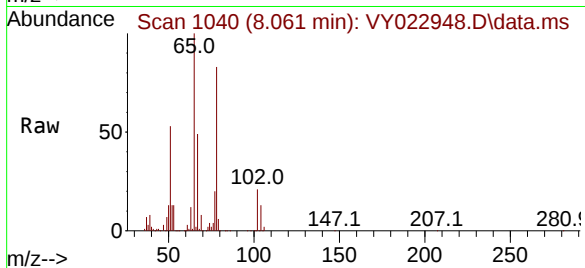
VY0707SBS01

Tgt Ion: 65 Resp: 229601

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

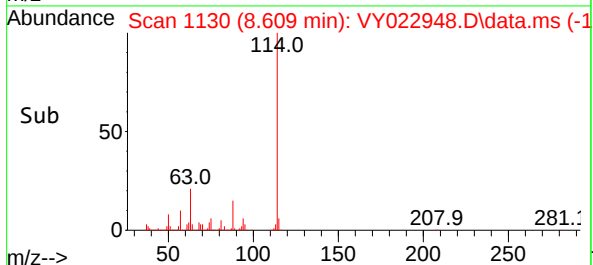
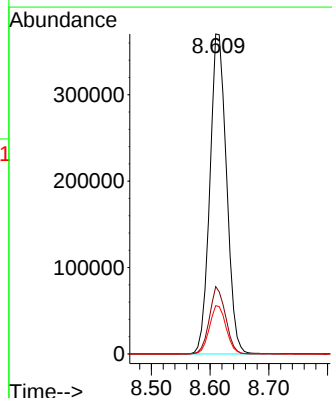
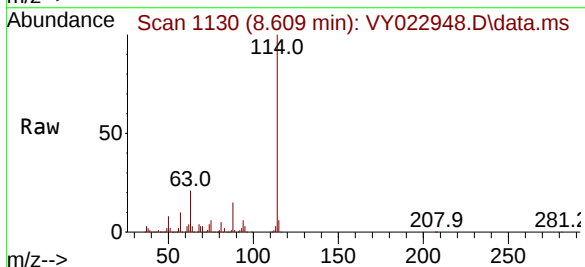
Tgt Ion: 114 Resp: 730129

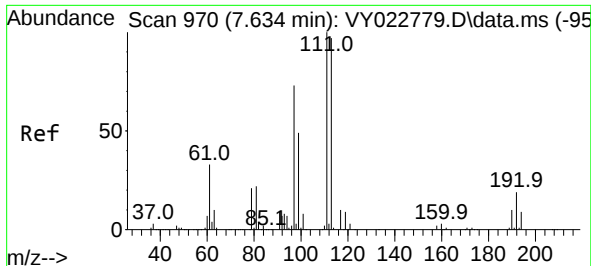
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.1 0.0 27.8

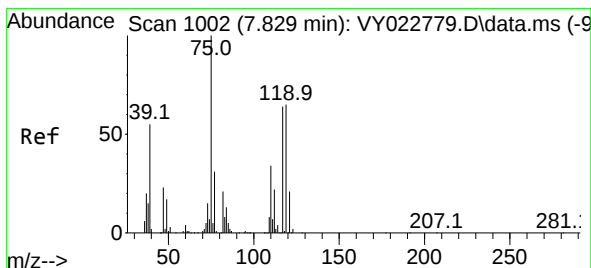
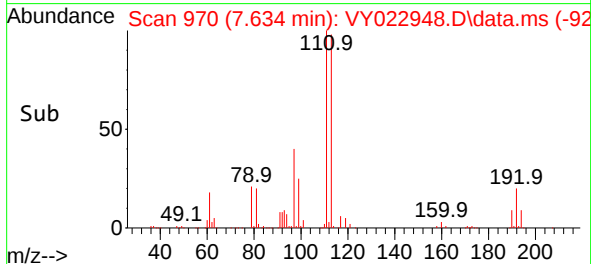
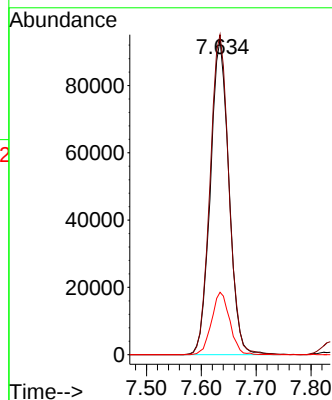
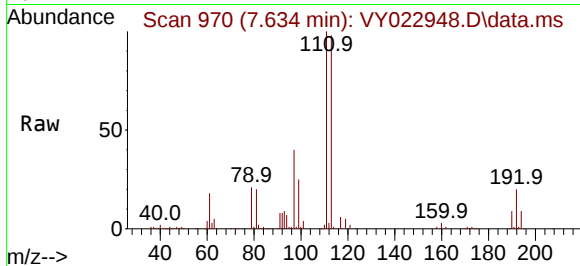




#35
Dibromofluoromethane
Concen: 49.507 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

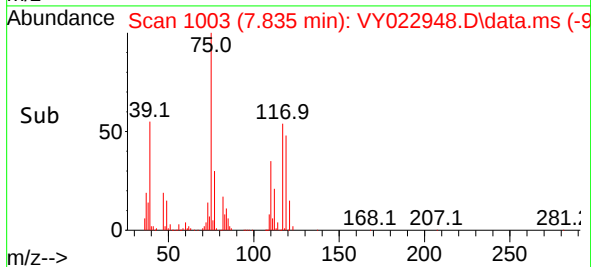
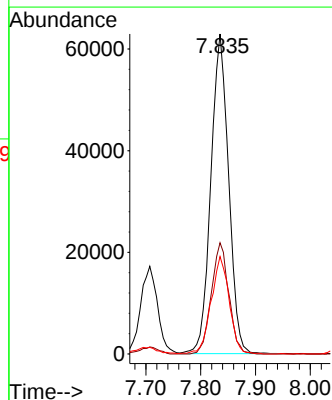
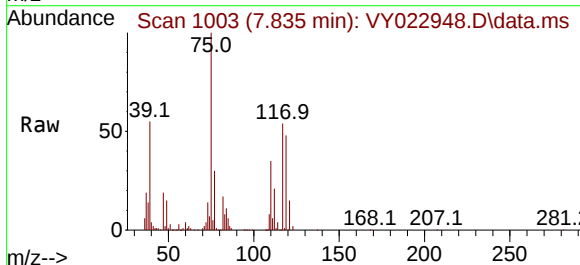
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

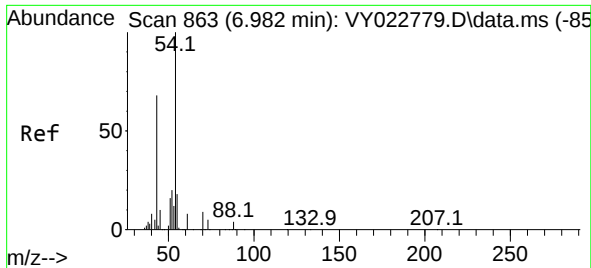
Tgt Ion:113 Resp: 219826
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 19.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.974 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 75 Resp: 141162
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 31.1 24.8 37.2

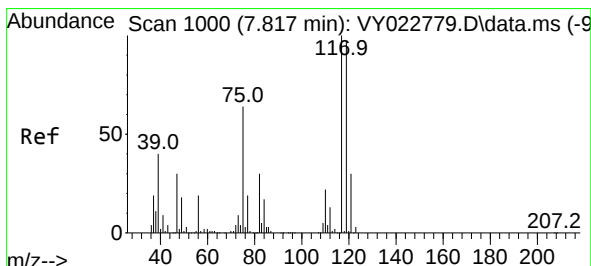
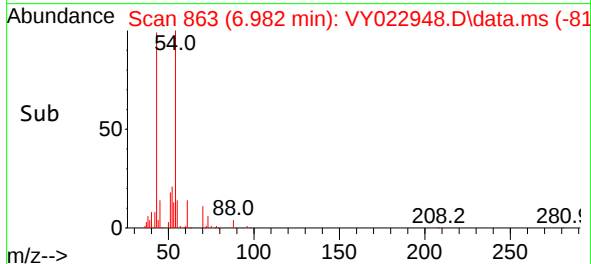
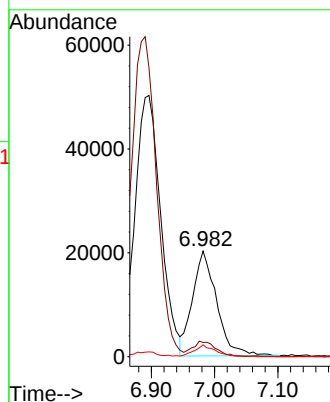
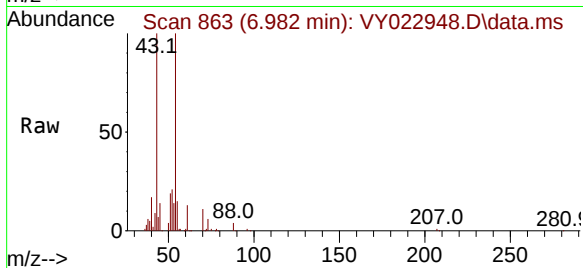




#37
Ethyl Acetate
Concen: 18.455 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

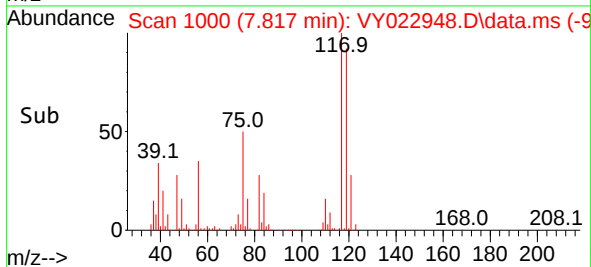
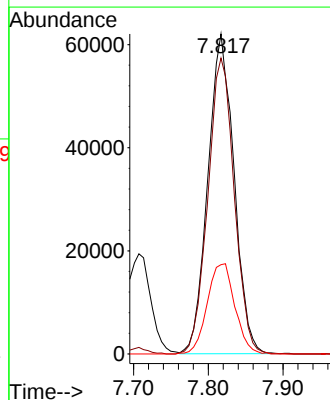
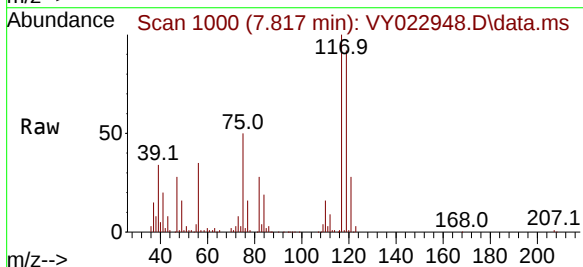
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

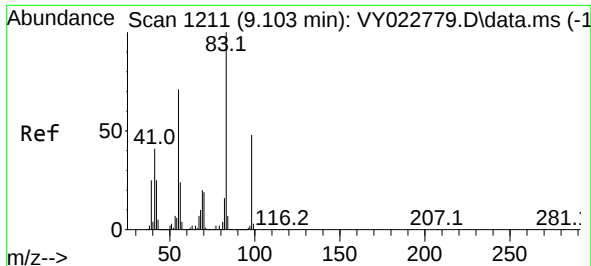
Tgt Ion: 43 Resp: 53600
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.226 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 117 Resp: 150738
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.6
121 27.9 25.0 37.4





#39

Methylcyclohexane

Concen: 20.691 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

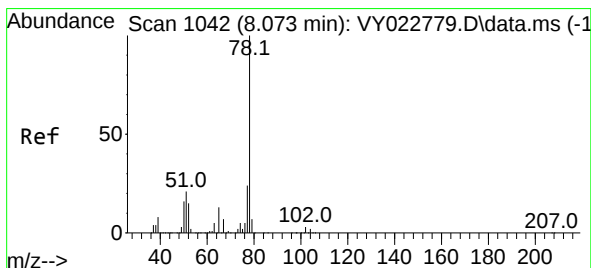
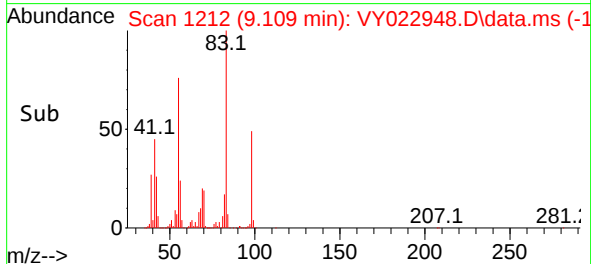
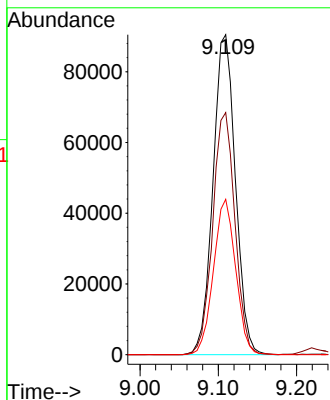
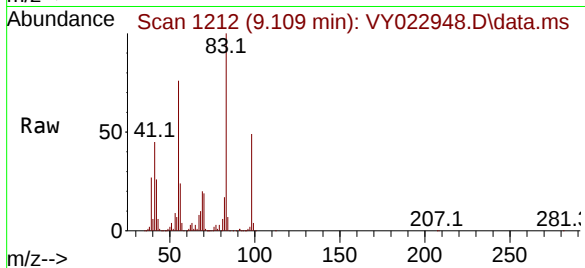
Tgt Ion: 83 Resp: 180217

Ion Ratio Lower Upper

83 100

55 75.6 58.1 87.1

98 48.6 39.0 58.6



#40

Benzene

Concen: 20.710 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022948.D

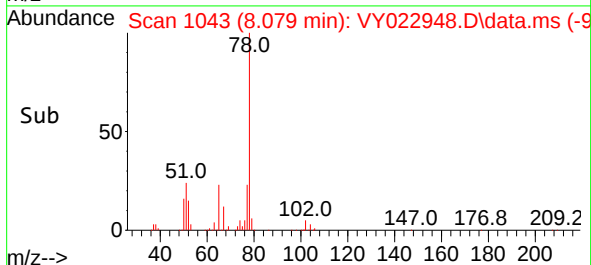
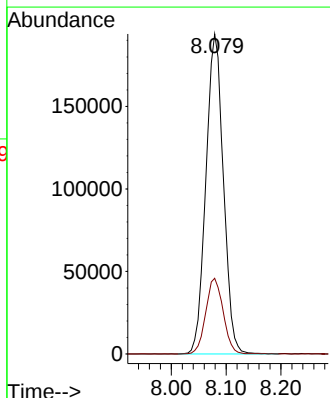
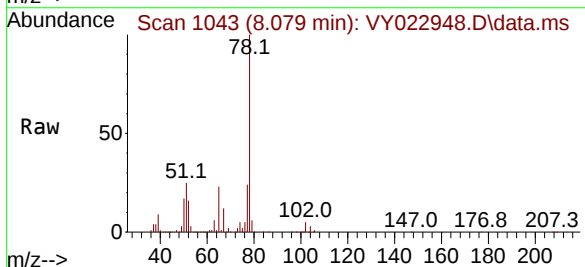
Acq: 07 Jul 2025 10:17

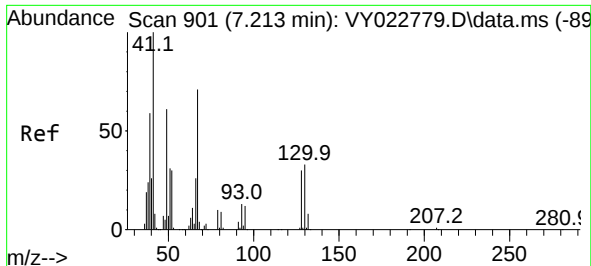
Tgt Ion: 78 Resp: 428546

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

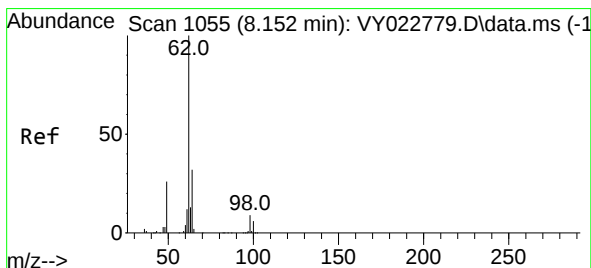
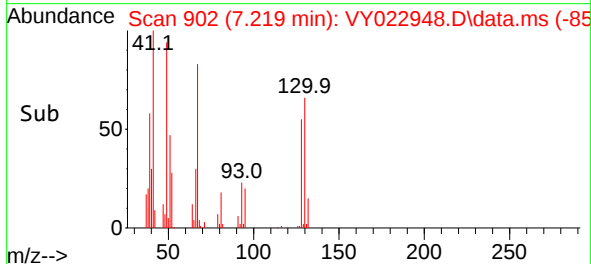
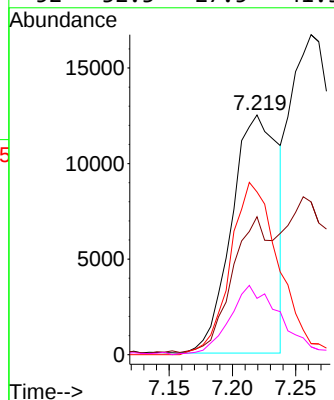
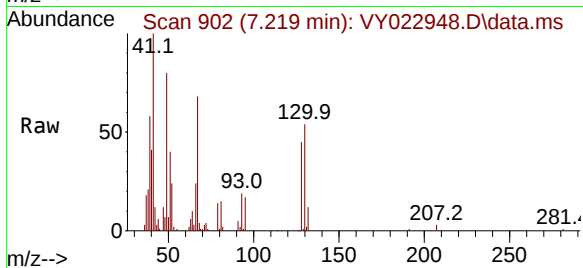




#41
Methacrylonitrile
Concen: 17.822 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

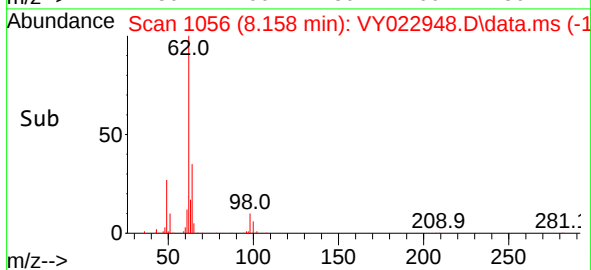
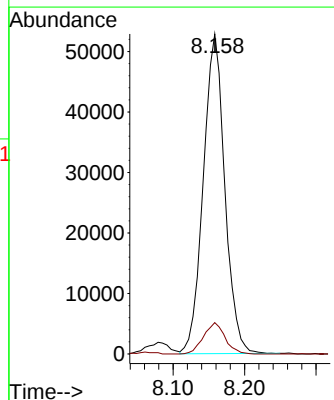
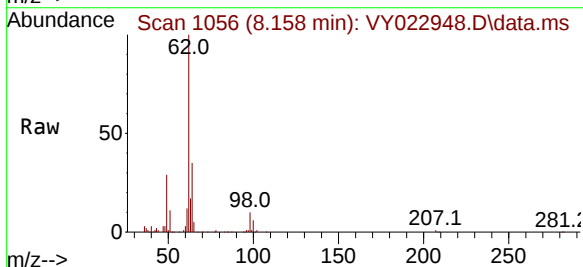
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

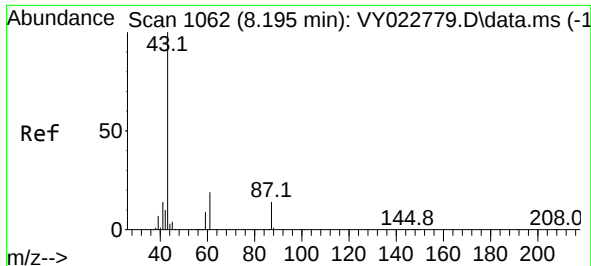
Tgt Ion:	41	Resp:	31864
Ion	Ratio	Lower	Upper
41	100		
39	48.5	46.6	69.8
67	76.6	63.3	94.9
52	32.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 19.484 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:	62	Resp:	110484
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

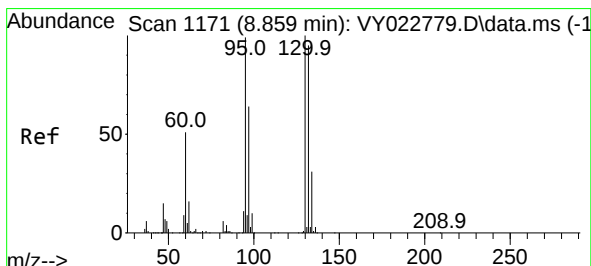
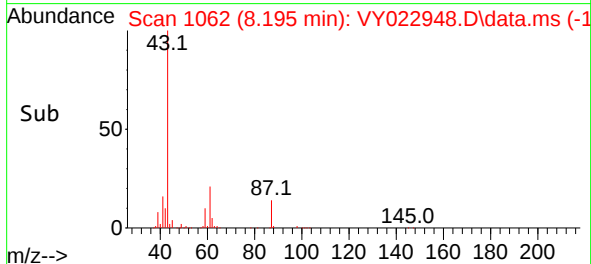
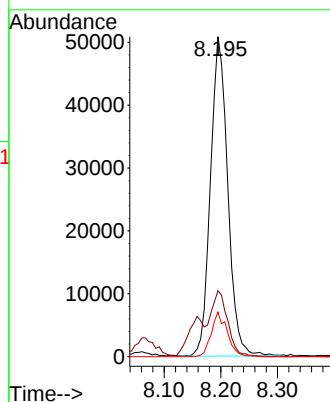
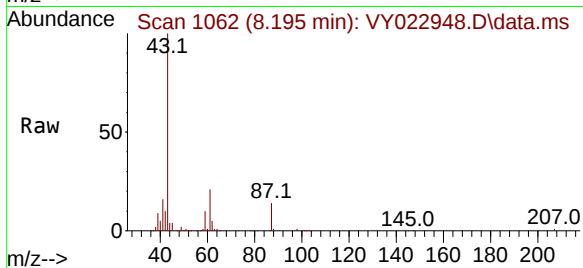




#43
Isopropyl Acetate
Concen: 17.843 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

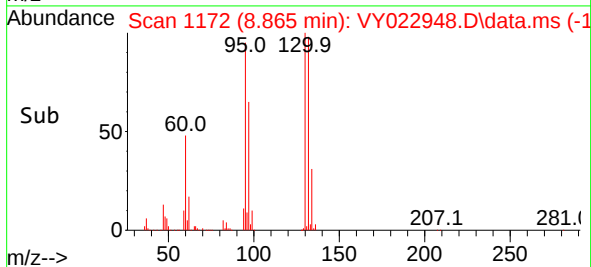
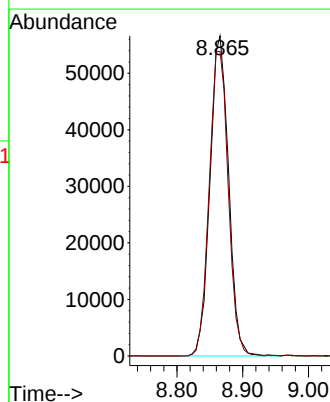
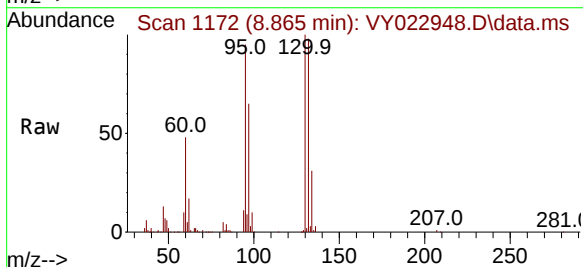
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

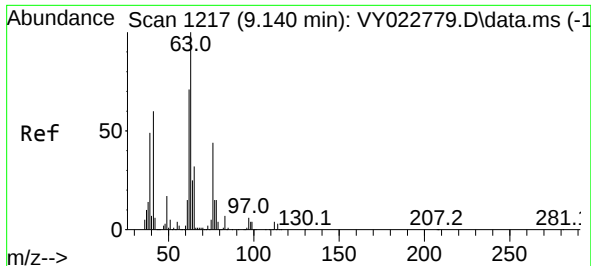
Tgt Ion: 43 Resp: 107707
Ion Ratio Lower Upper
43 100
61 20.7 15.6 23.4
87 12.9 10.2 15.4



#44
Trichloroethene
Concen: 21.398 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:130 Resp: 111170
Ion Ratio Lower Upper
130 100
95 95.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.848 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

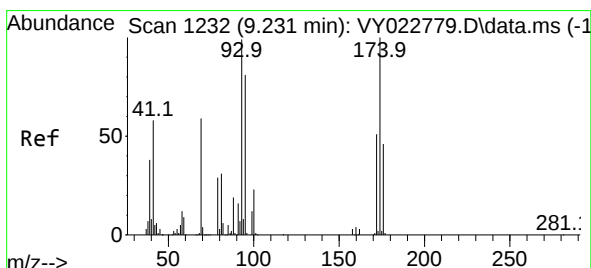
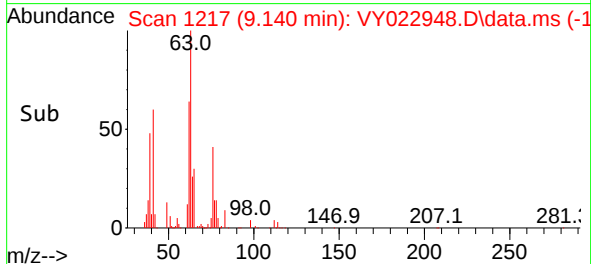
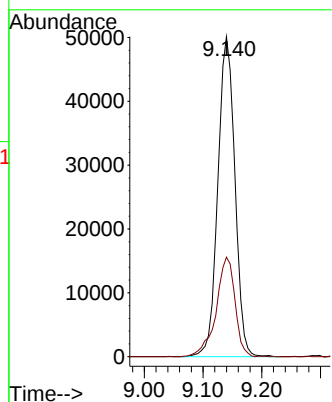
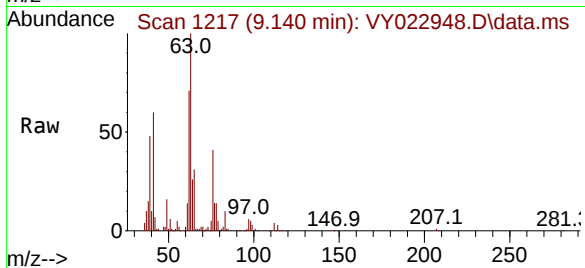
VY0707SBS01

Tgt Ion: 63 Resp: 100967

Ion Ratio Lower Upper

63 100

65 31.1 24.0 36.0



#46

Dibromomethane

Concen: 19.019 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

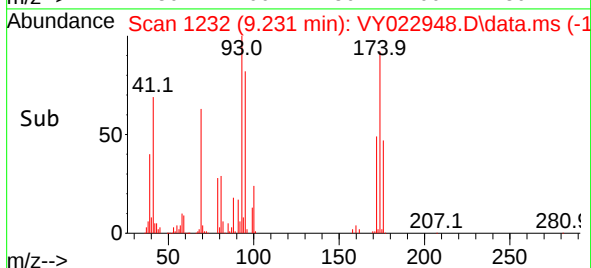
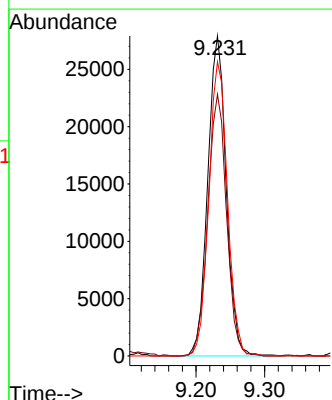
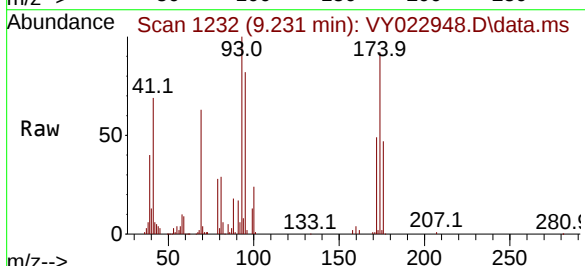
Tgt Ion: 93 Resp: 52288

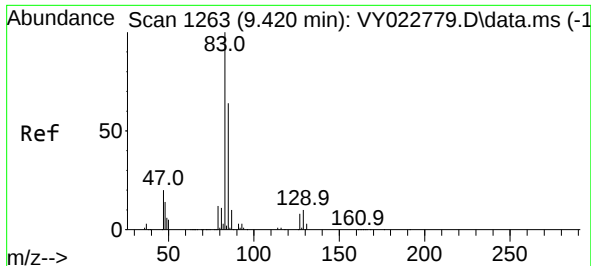
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 92.9 70.4 105.6

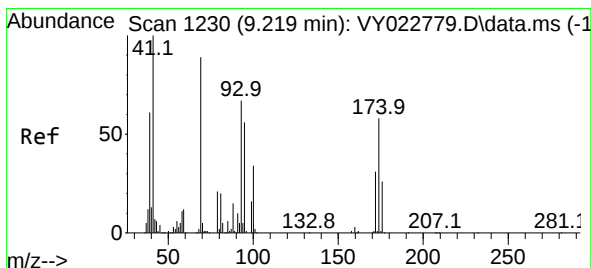
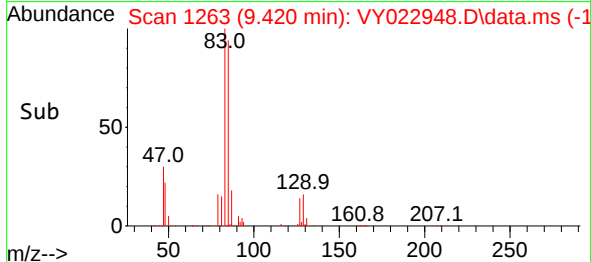
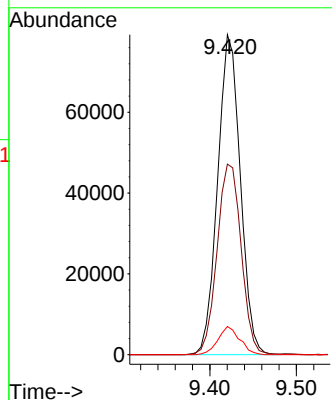
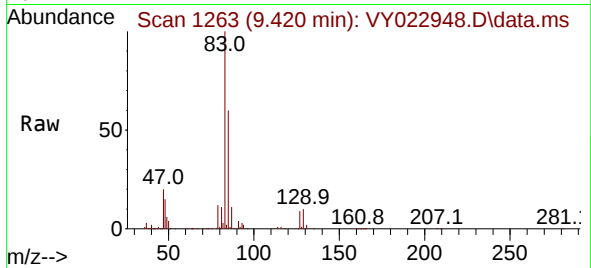




#47
Bromodichloromethane
Concen: 20.335 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

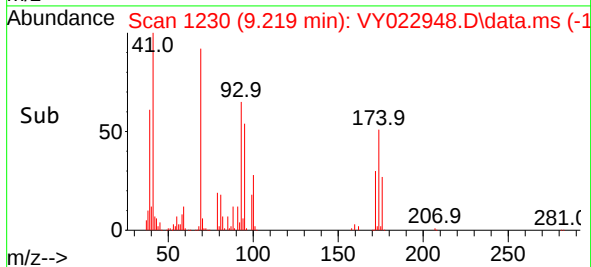
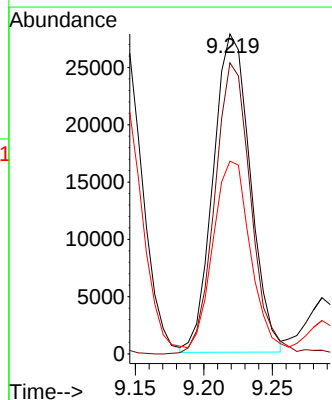
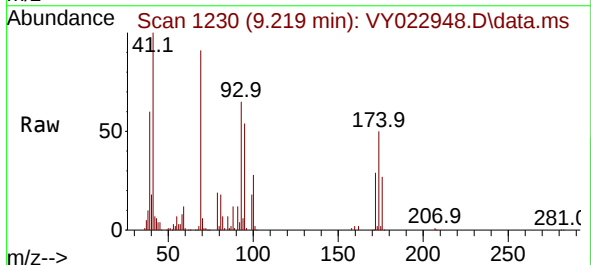
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

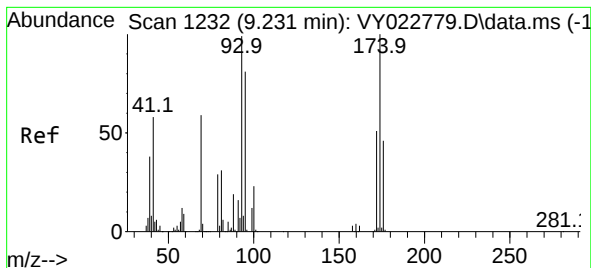
Tgt Ion: 83 Resp: 144164
Ion Ratio Lower Upper
83 100
85 59.6 49.1 73.7
127 8.8 6.2 9.4



#48
Methyl methacrylate
Concen: 18.068 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 41 Resp: 52431
Ion Ratio Lower Upper
41 100
69 89.3 67.8 101.8
39 58.1 55.0 82.4





#49

1,4-Dioxane

Concen: 352.448 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

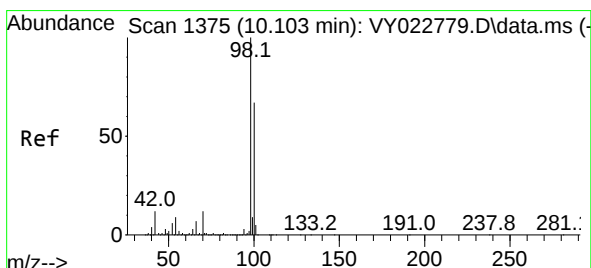
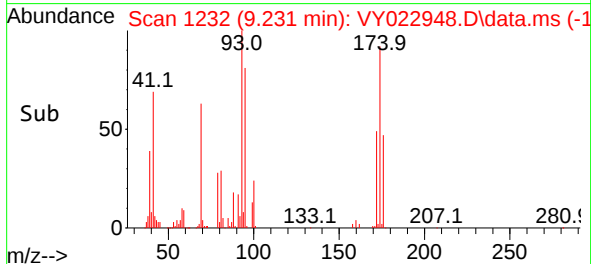
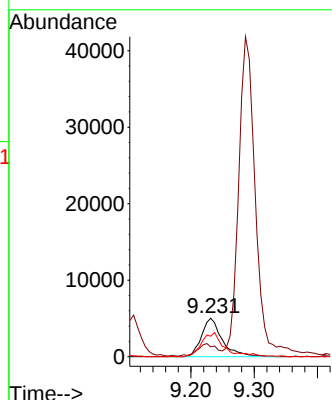
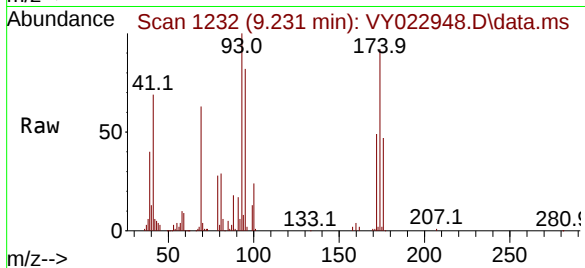
Tgt Ion: 88 Resp: 11448

Ion Ratio Lower Upper

88 100

43 29.4 25.4 38.2

58 69.6 54.9 82.3



#50

Toluene-d8

Concen: 50.394 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022948.D

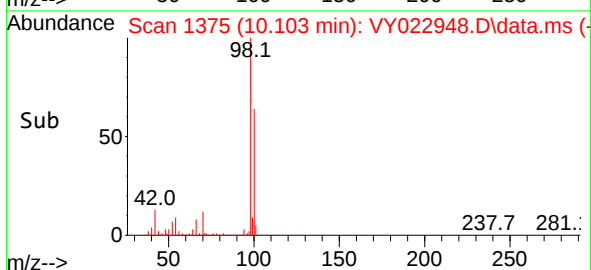
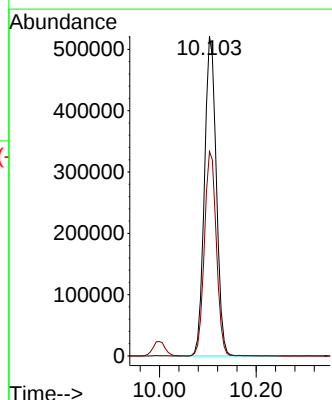
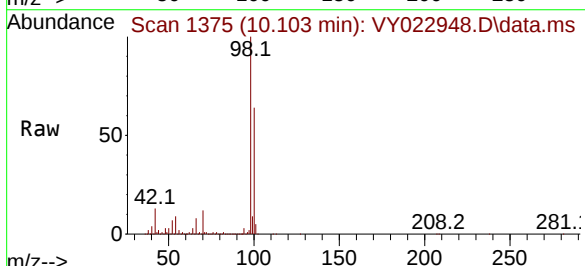
Acq: 07 Jul 2025 10:17

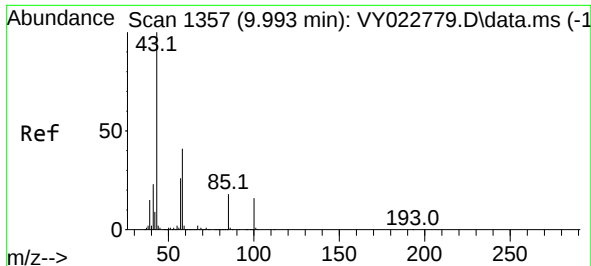
Tgt Ion: 98 Resp: 887929

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

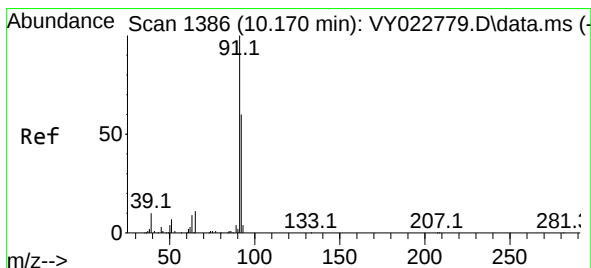
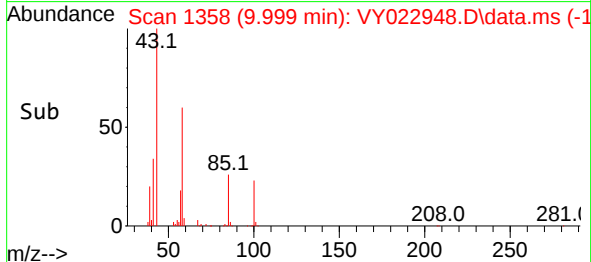
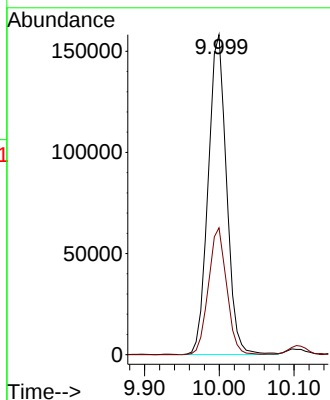
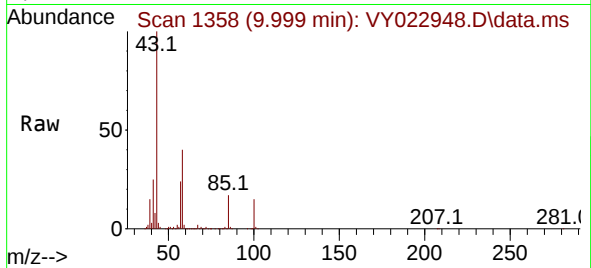




#51
4-Methyl-2-Pentanone
Concen: 87.873 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

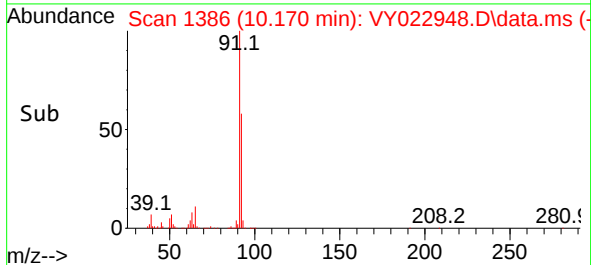
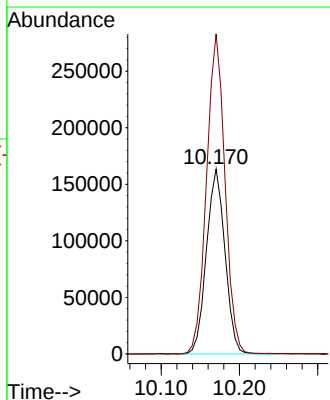
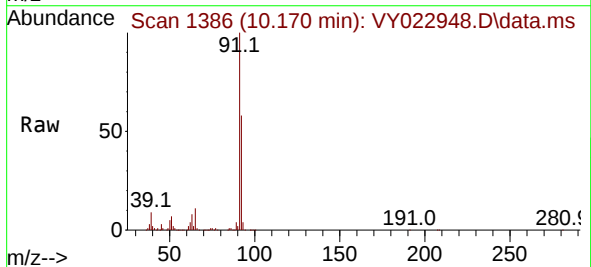
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

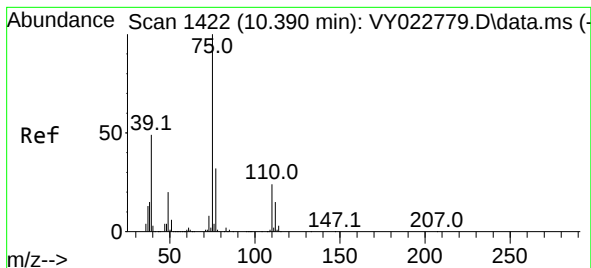
Tgt Ion: 43 Resp: 269544
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#52
Toluene
Concen: 20.541 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 92 Resp: 268161
Ion Ratio Lower Upper
92 100
91 172.6 139.0 208.4

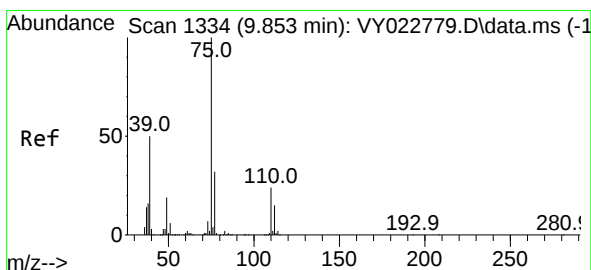
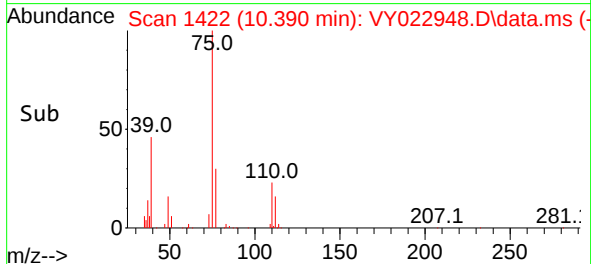
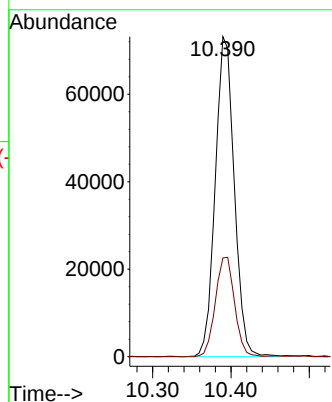
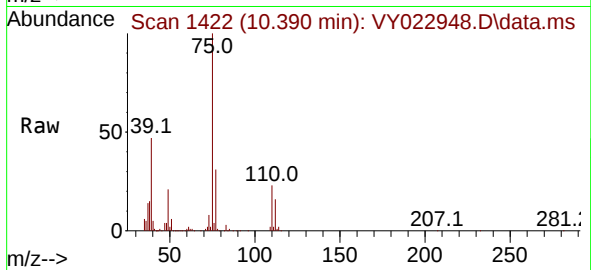




#53
 t-1,3-Dichloropropene
 Concen: 19.343 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

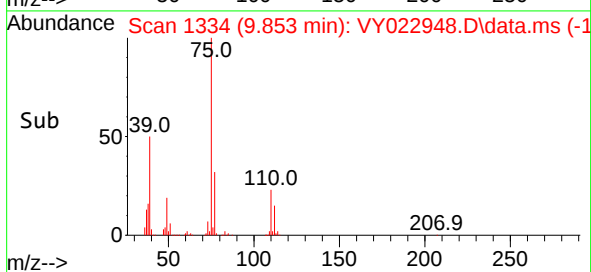
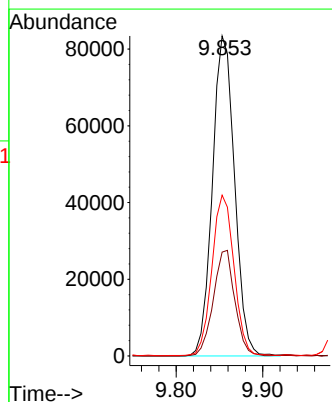
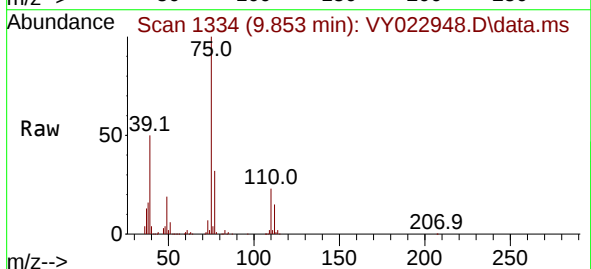
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

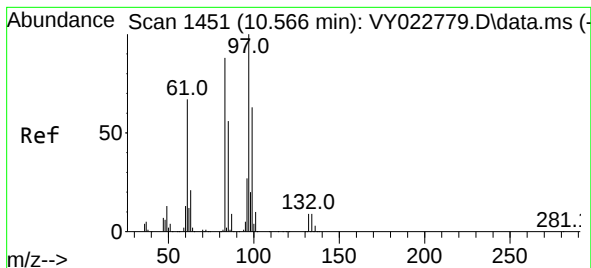
Tgt Ion: 75 Resp: 123379
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.043 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022948.D
 Acq: 07 Jul 2025 10:17

Tgt Ion: 75 Resp: 148236
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 50.1 42.7 64.1

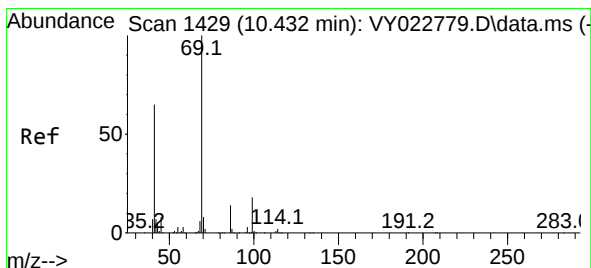
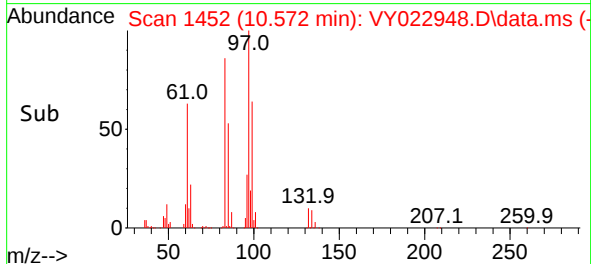
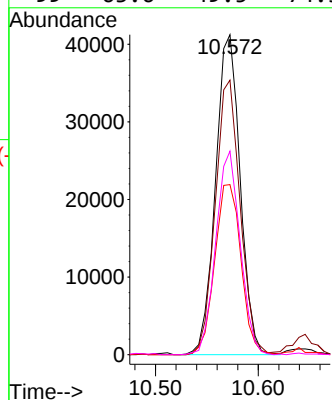
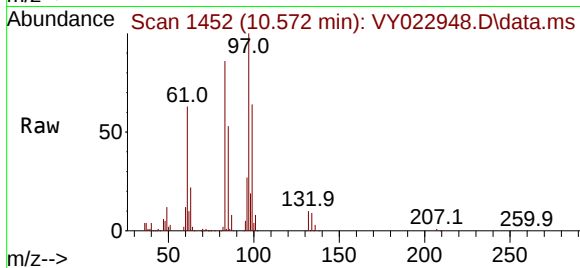




#55
1,1,2-Trichloroethane
Concen: 19.287 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

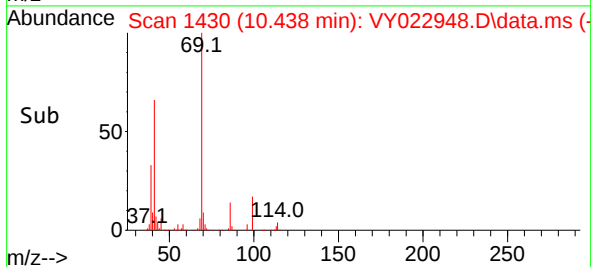
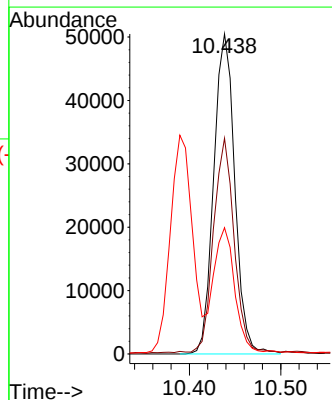
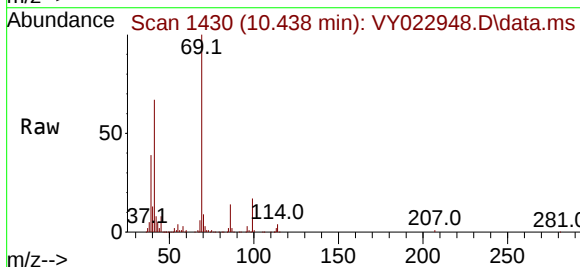
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

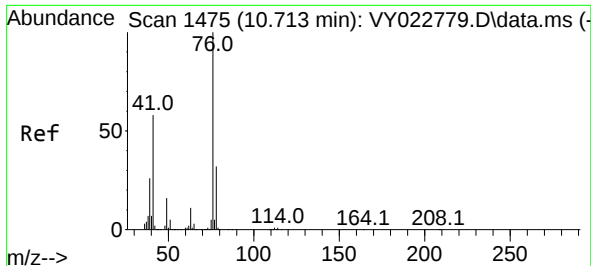
Tgt Ion: 97	Resp: 68663
Ion Ratio	Lower Upper
97 100	
83 85.8	68.1 102.1
85 53.1	48.2 72.2
99 63.6	49.5 74.3



#56
Ethyl methacrylate
Concen: 16.880 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 69	Resp: 80850
Ion Ratio	Lower Upper
69 100	
41 66.8	52.2 78.2
39 40.3	36.7 55.1





#57

1,3-Dichloropropane

Concen: 19.173 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

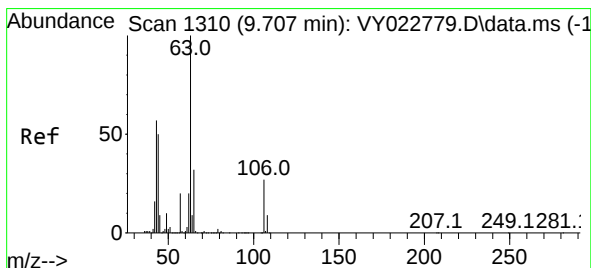
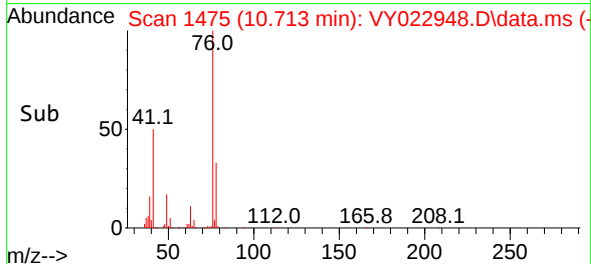
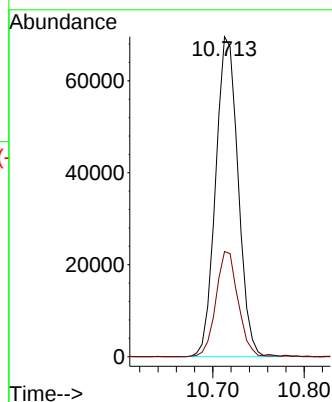
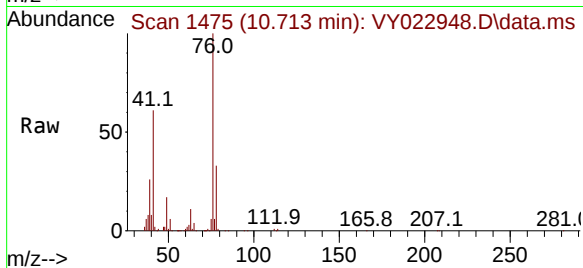
VY0707SBS01

Tgt Ion: 76 Resp: 119083

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.467 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022948.D

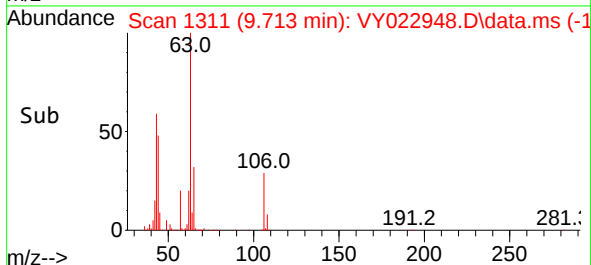
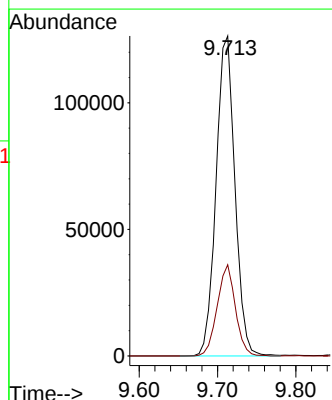
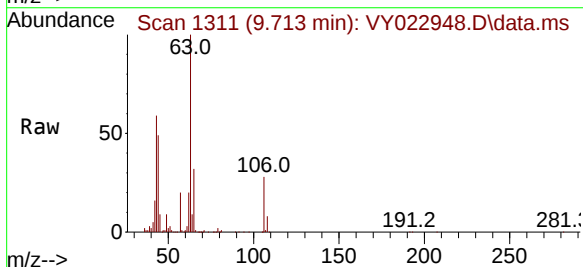
Acq: 07 Jul 2025 10:17

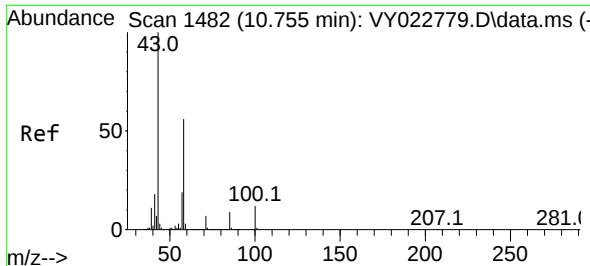
Tgt Ion: 63 Resp: 211650

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

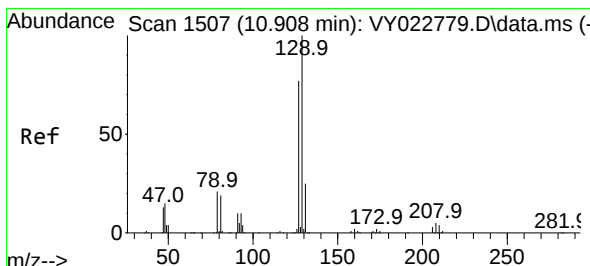
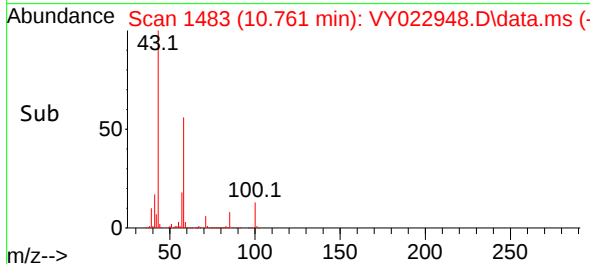
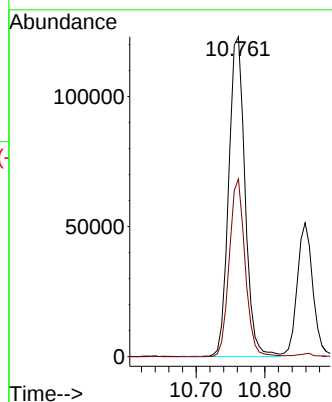
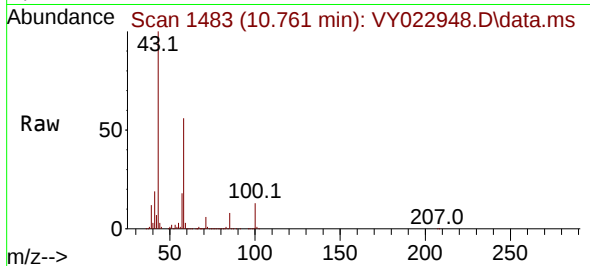




#59
2-Hexanone
Concen: 96.955 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

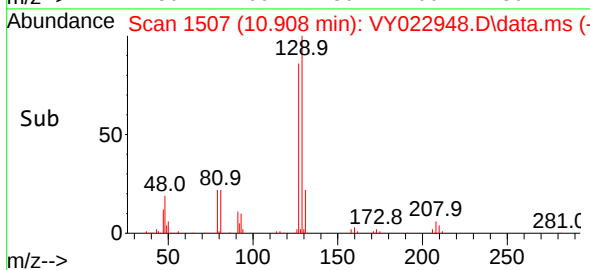
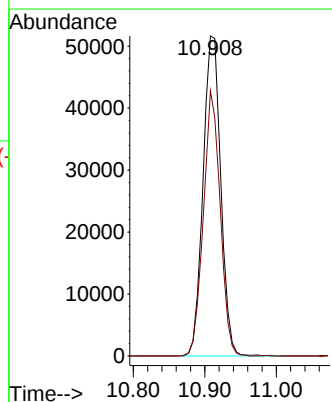
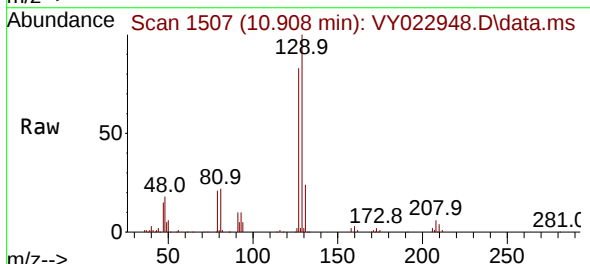
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

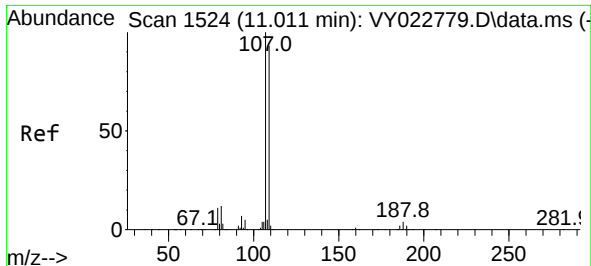
Tgt Ion: 43 Resp: 202197
Ion Ratio Lower Upper
43 100
58 54.1 27.3 81.8



#60
Dibromochloromethane
Concen: 19.325 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 129 Resp: 88862
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

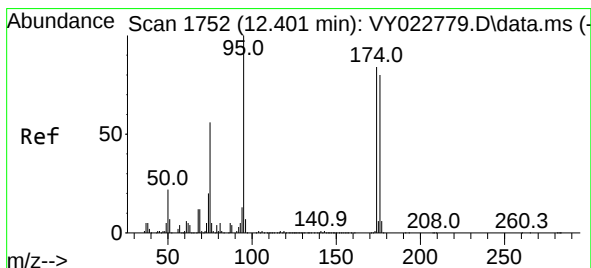
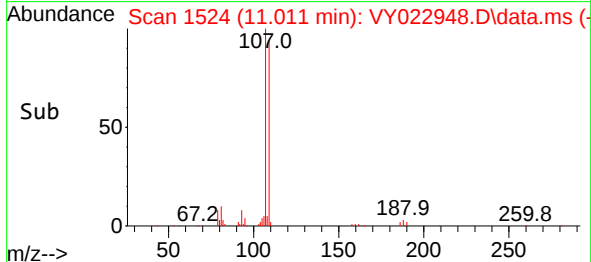
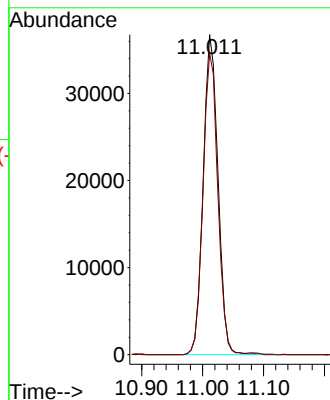
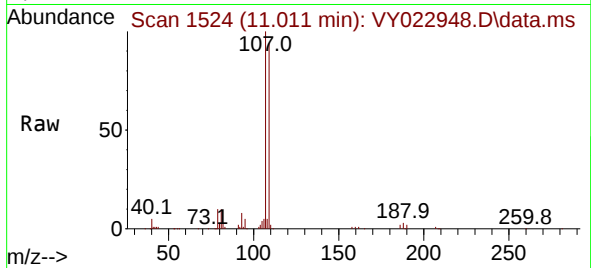




#61
1,2-Dibromoethane
Concen: 18.571 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

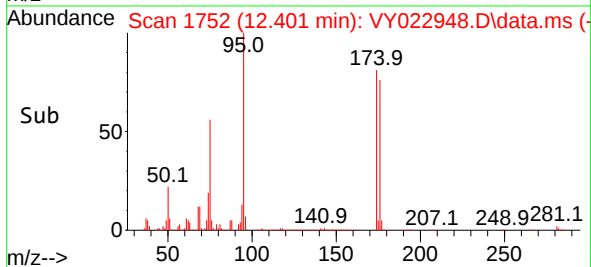
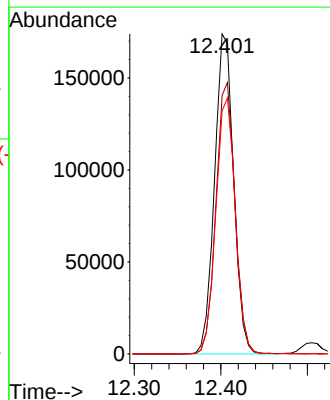
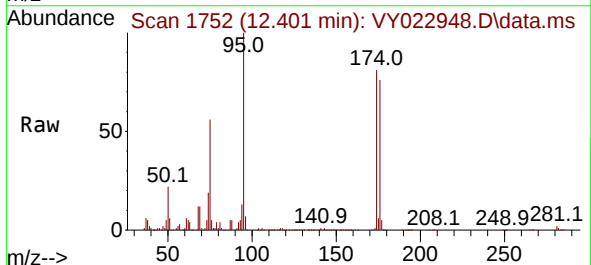
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

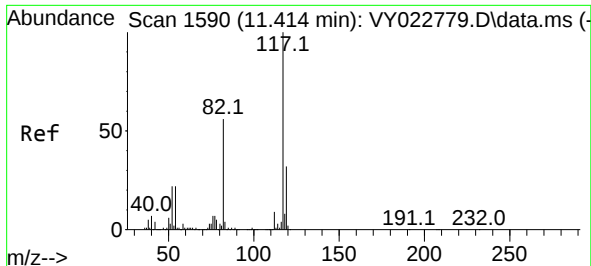
Tgt Ion:107 Resp: 61866
Ion Ratio Lower Upper
107 100
109 94.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.032 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 95 Resp: 266395
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 81.5 0.0 166.2

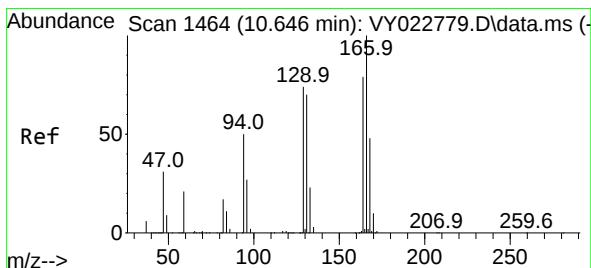
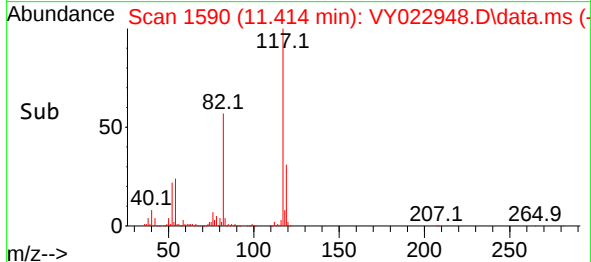
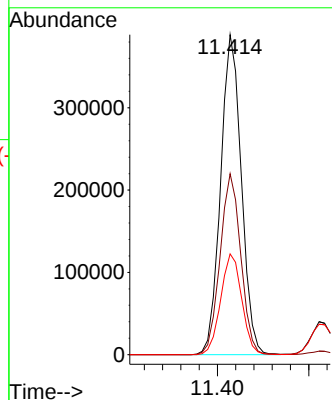
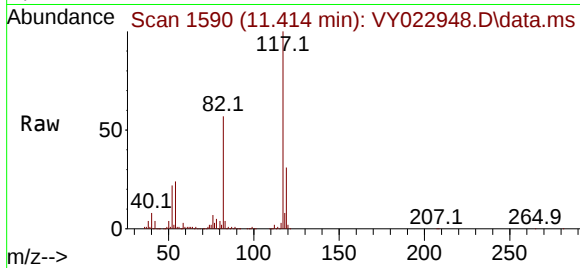




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

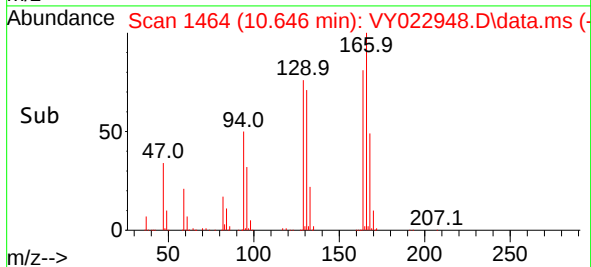
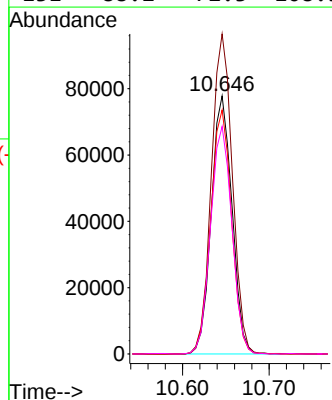
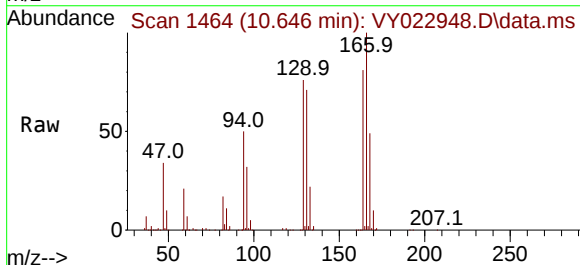
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

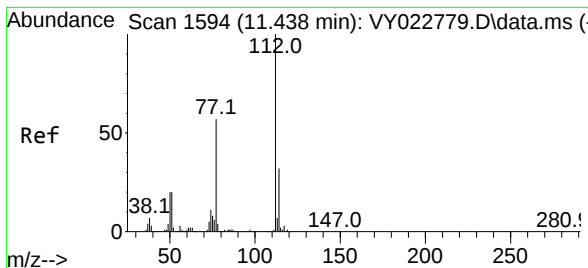
Tgt Ion:117 Resp: 612594
Ion Ratio Lower Upper
117 100
82 56.5 44.6 66.8
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 22.313 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:164 Resp: 129132
Ion Ratio Lower Upper
164 100
166 124.0 104.0 156.0
129 94.6 74.5 111.7
131 88.2 72.3 108.5

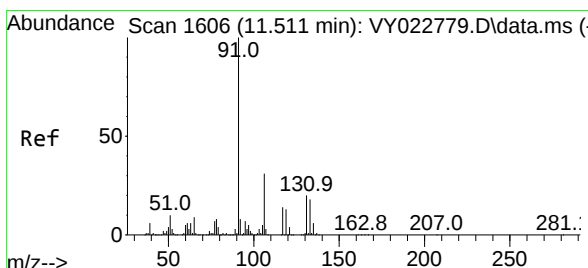
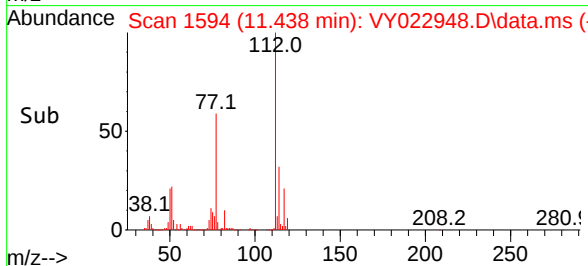
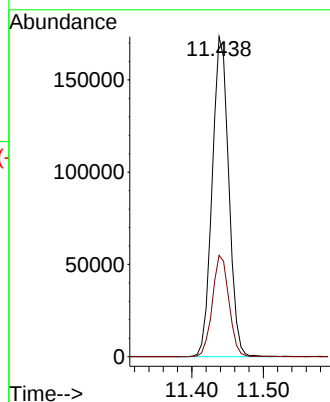
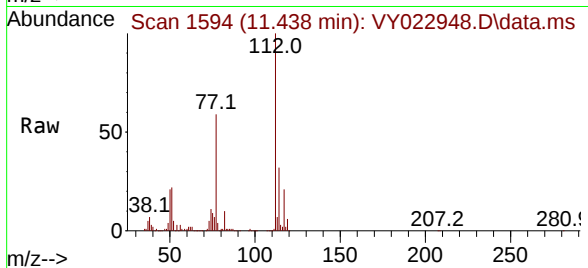




#65
Chlorobenzene
Concen: 20.689 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

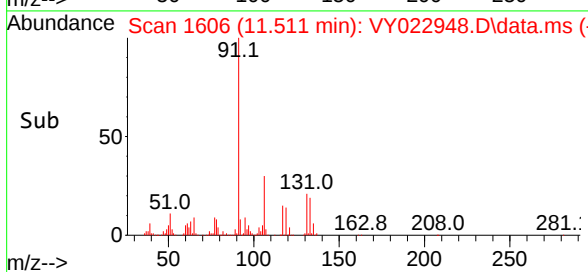
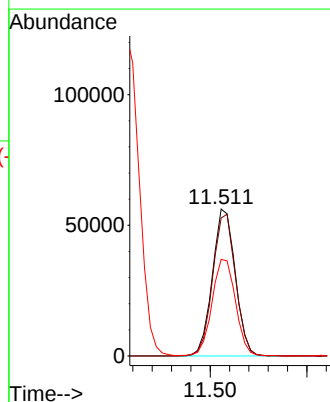
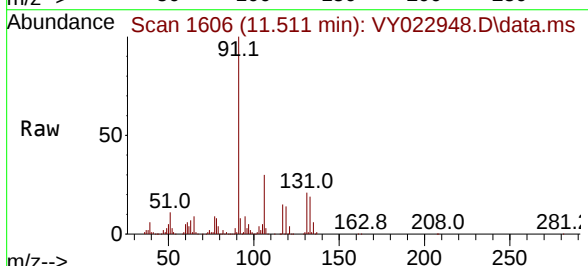
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

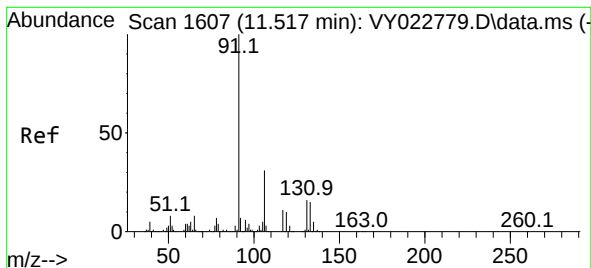
Tgt Ion:112 Resp: 278486
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.278 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:131 Resp: 92449
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 67.5 33.1 99.3

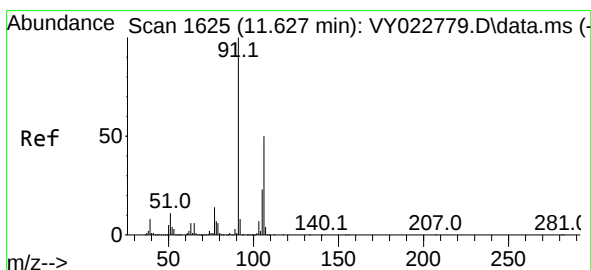
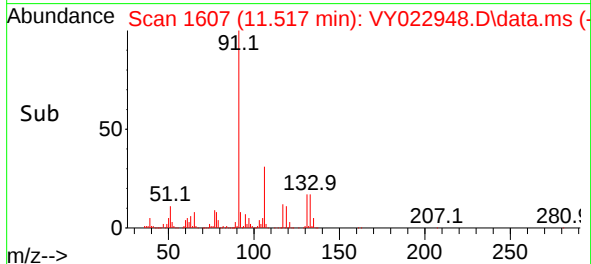
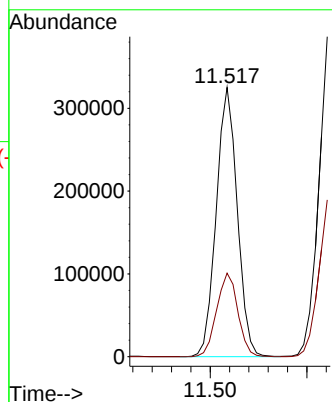
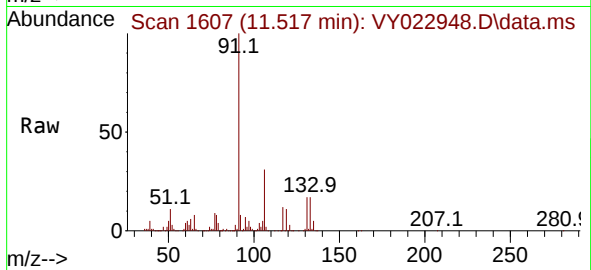




#67
Ethyl Benzene
Concen: 20.674 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

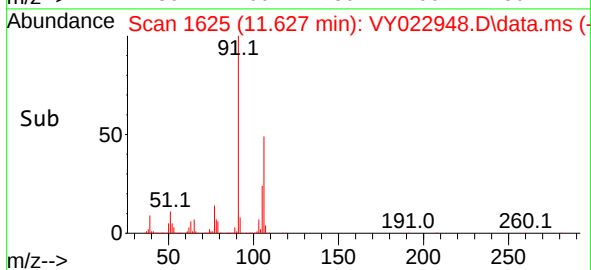
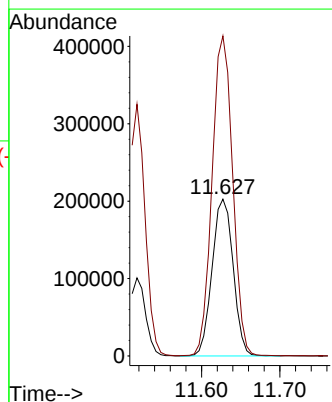
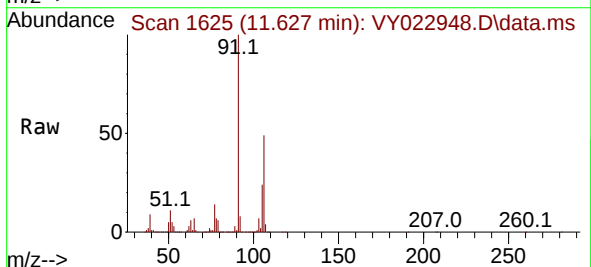
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

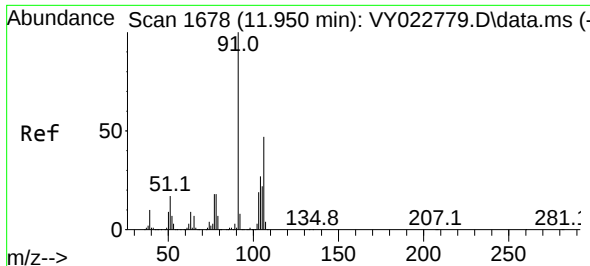
Tgt Ion: 91 Resp: 488947
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 41.388 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 106 Resp: 378381
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.0

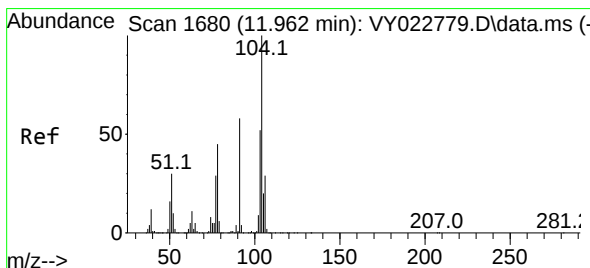
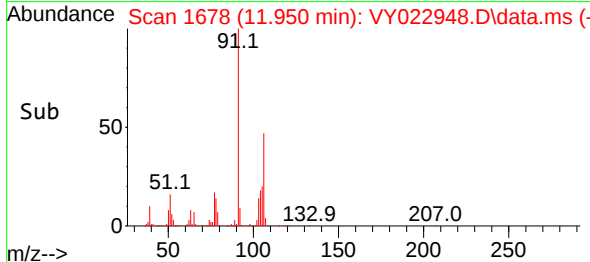
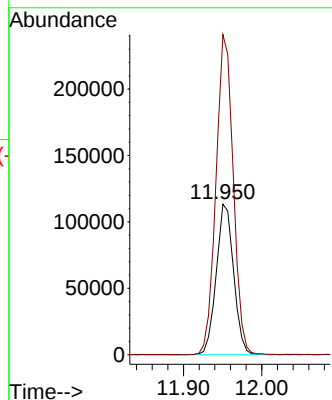
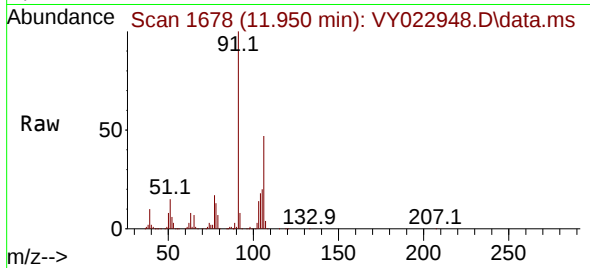




#69
o-Xylene
Concen: 20.268 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

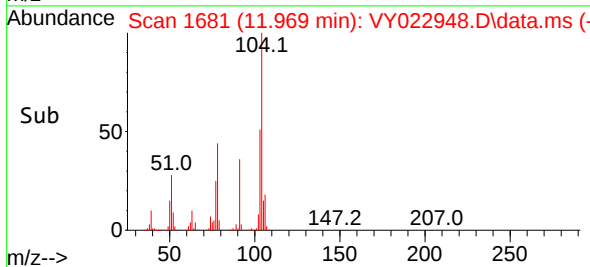
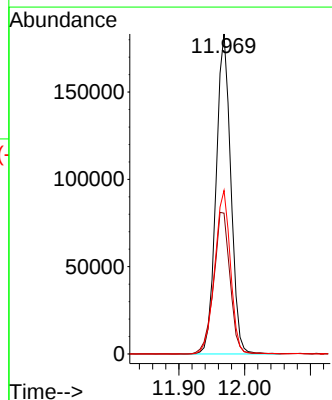
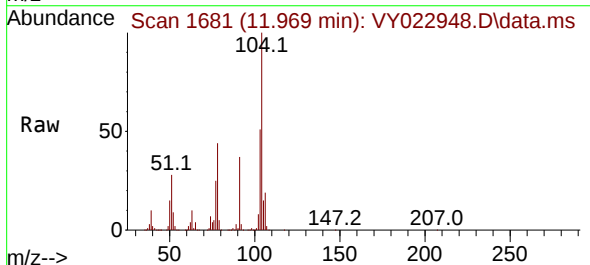
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

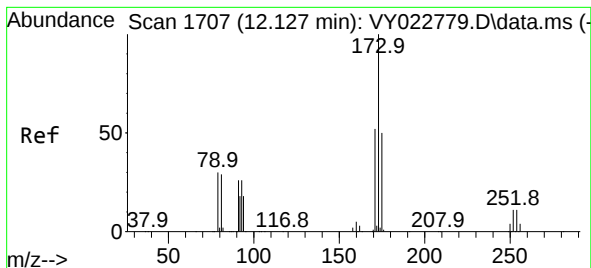
Tgt Ion:106 Resp: 174593
Ion Ratio Lower Upper
106 100
91 211.9 105.8 317.3



#70
Styrene
Concen: 19.810 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion:104 Resp: 285850
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.4 44.1 66.1





#71

Bromoform

Concen: 18.273 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

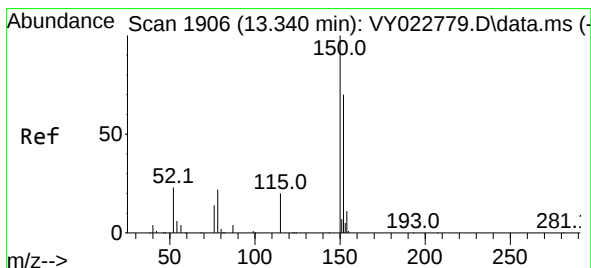
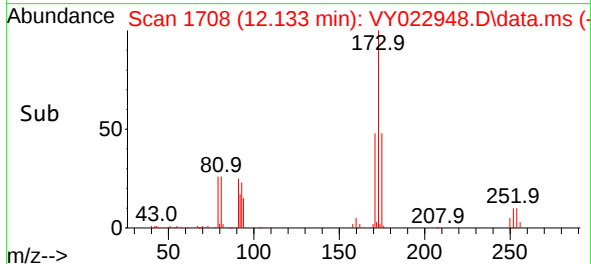
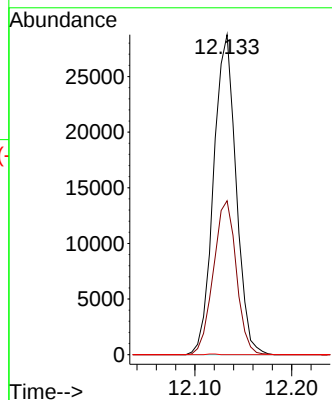
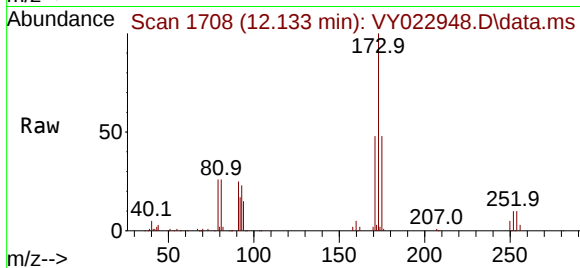
Tgt Ion:173 Resp: 46387

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

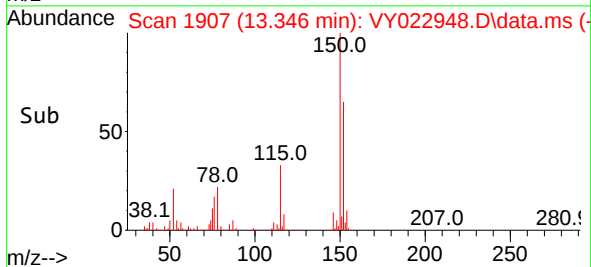
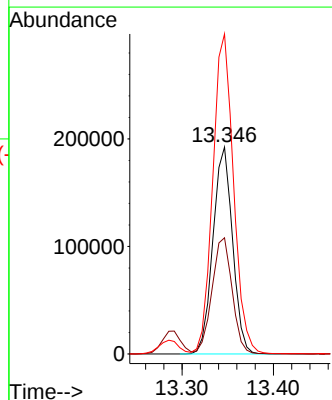
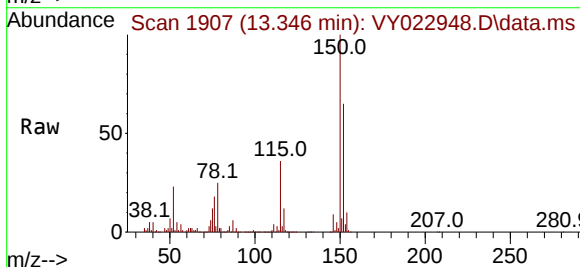
Tgt Ion:152 Resp: 286401

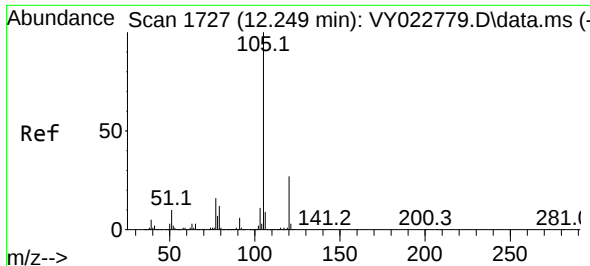
Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.7

150 163.5 0.0 349.6

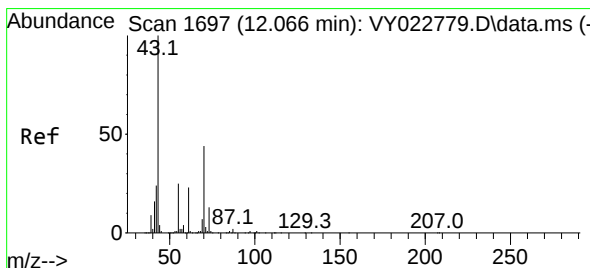
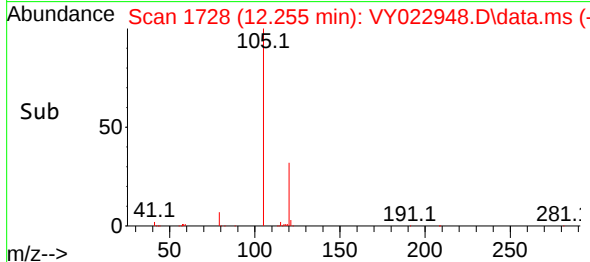
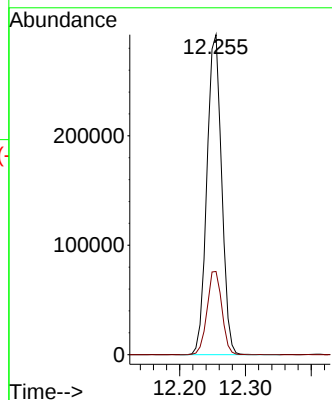
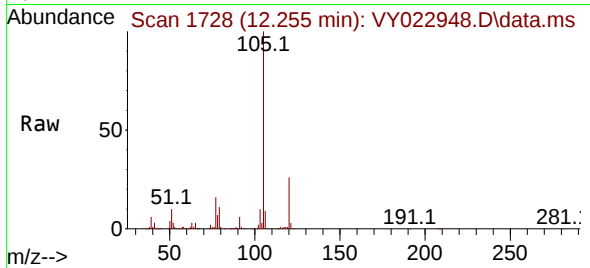




#73
Isopropylbenzene
Concen: 21.456 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

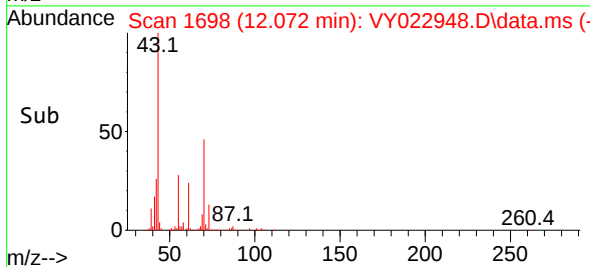
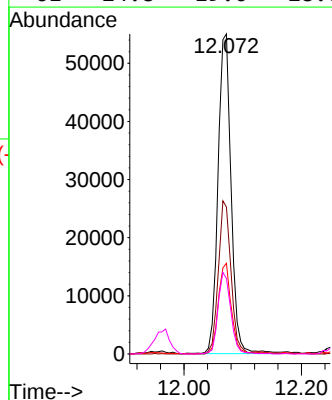
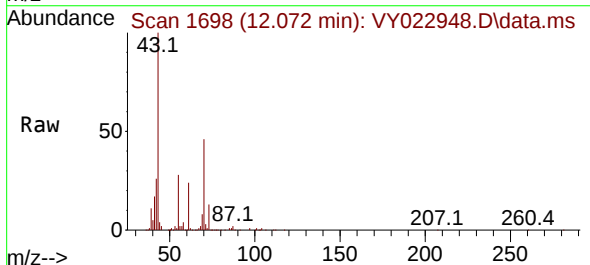
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

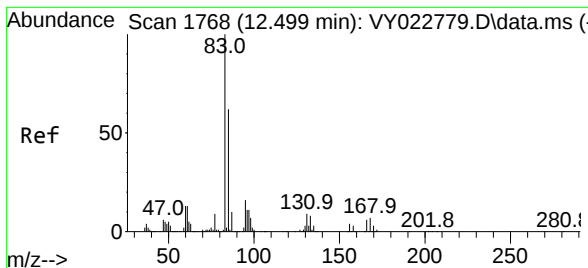
Tgt Ion:105 Resp: 454471
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 17.870 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 43 Resp: 84963
Ion Ratio Lower Upper
43 100
70 46.4 34.2 51.2
55 27.9 18.2 27.4#
61 24.8 19.0 28.6

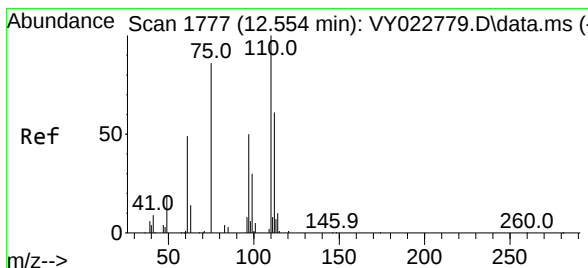
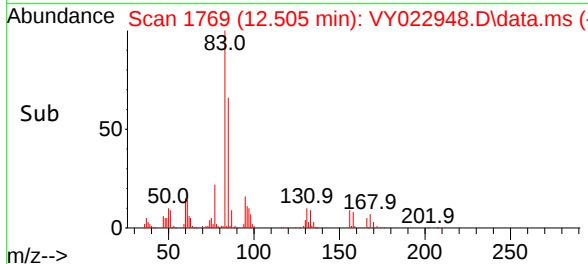
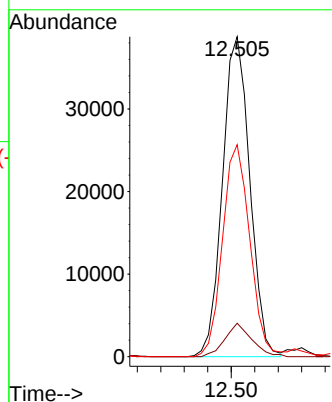
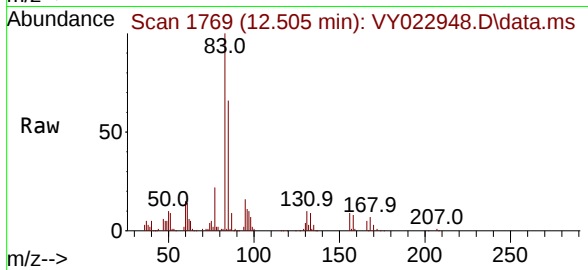




#75
1,1,2,2-Tetrachloroethane
Concen: 18.328 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

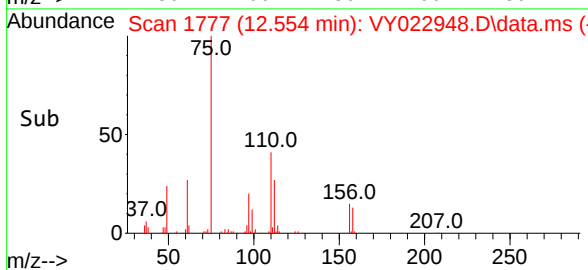
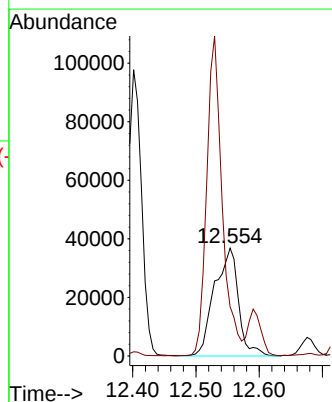
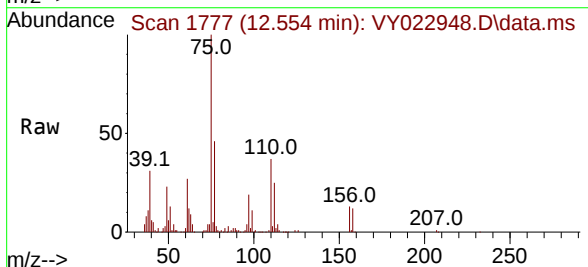
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

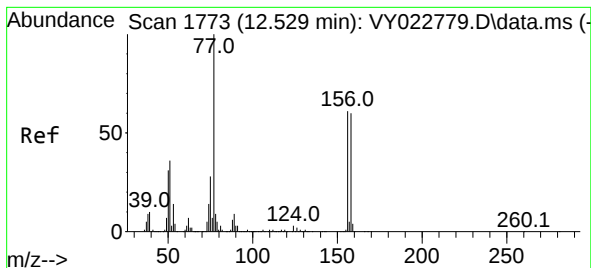
Tgt Ion: 83 Resp: 62566
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 66.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 33.193 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 75 Resp: 97054
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.661 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

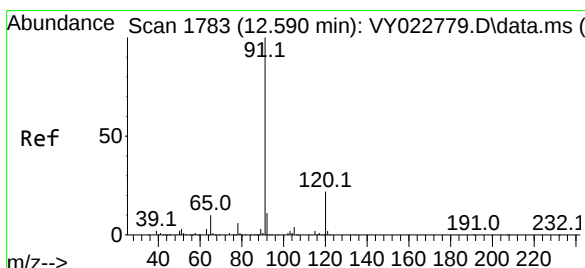
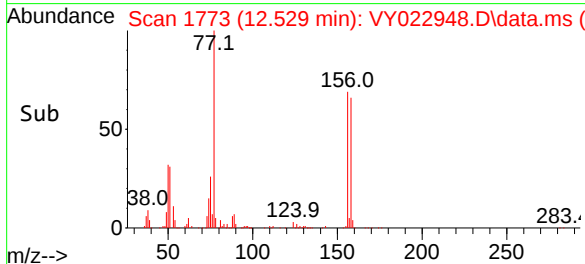
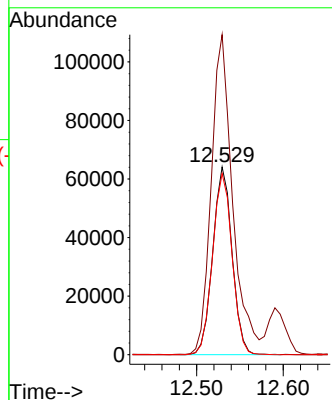
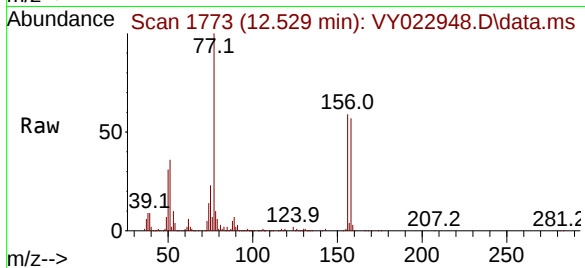
Tgt Ion:156 Resp: 99192

Ion Ratio Lower Upper

156 100

77 188.5 94.0 282.1

158 97.8 48.2 144.6



#78

n-propylbenzene

Concen: 22.019 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022948.D

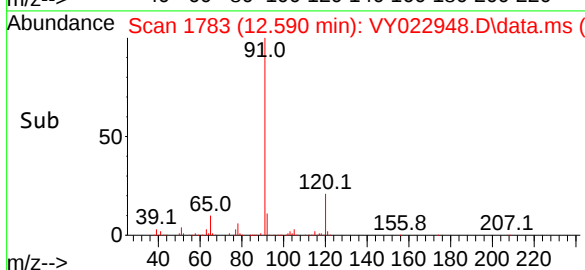
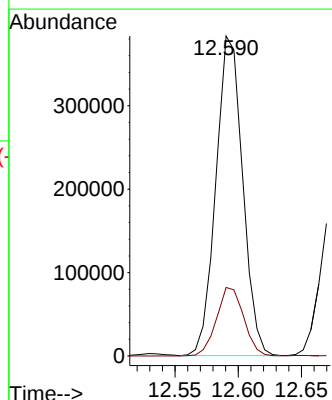
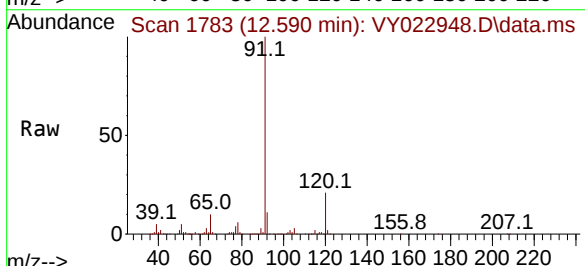
Acq: 07 Jul 2025 10:17

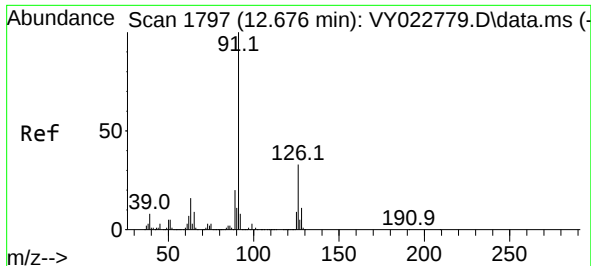
Tgt Ion: 91 Resp: 563095

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.4

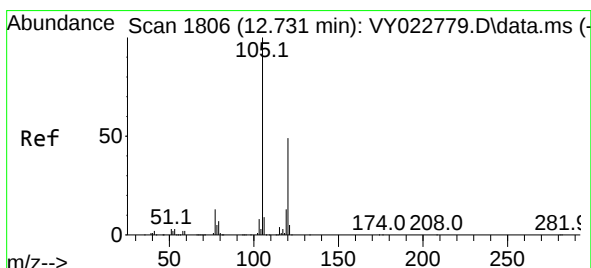
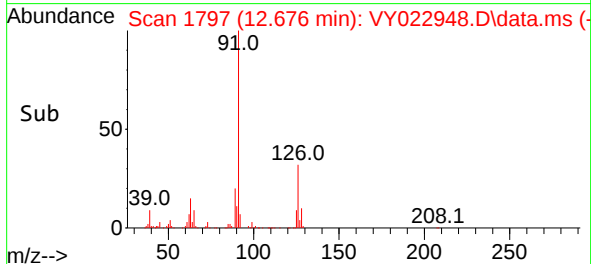
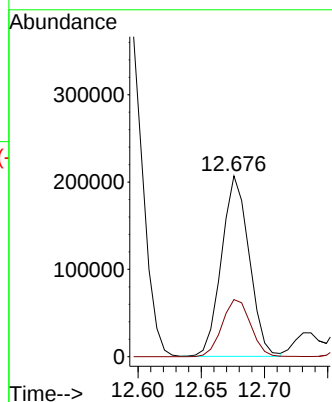
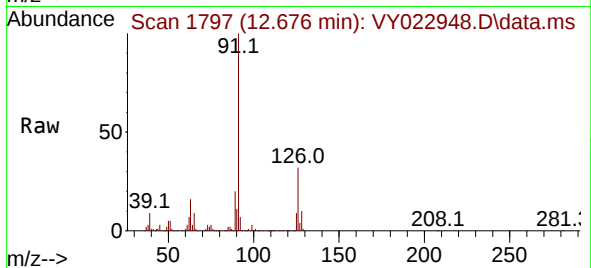




#79
2-Chlorotoluene
Concen: 21.763 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

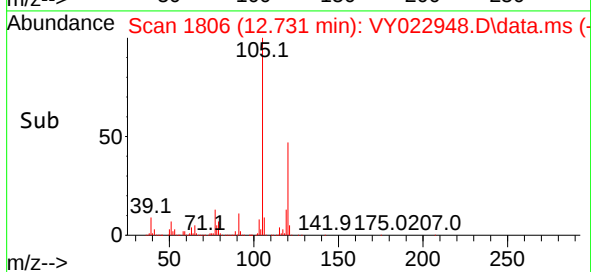
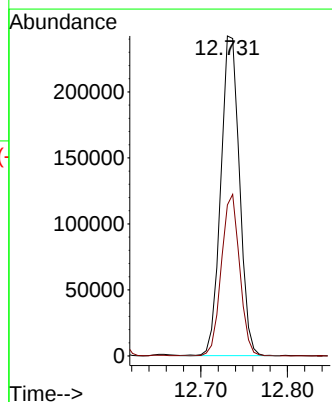
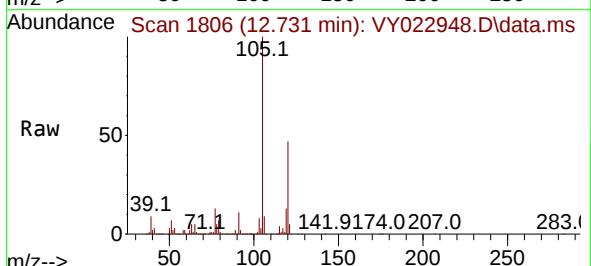
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

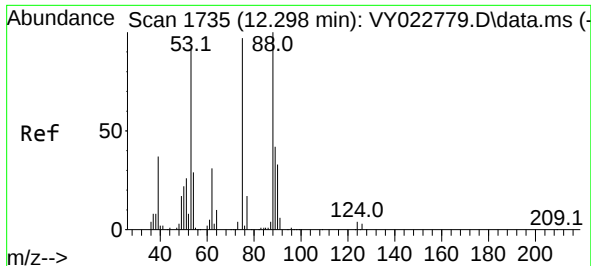
Tgt Ion: 91 Resp: 314450
Ion Ratio Lower Upper
91 100
126 32.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.247 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 105 Resp: 363308
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.4

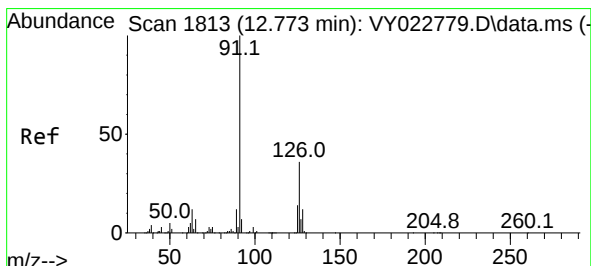
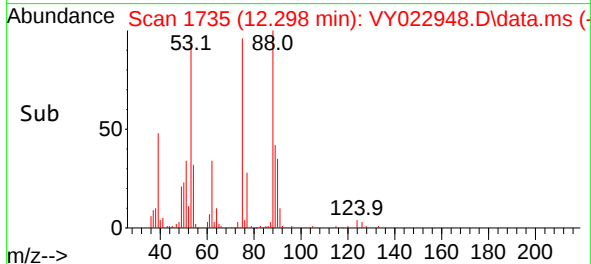
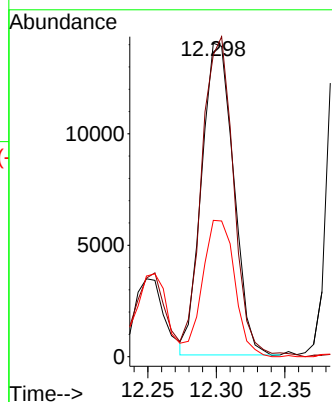
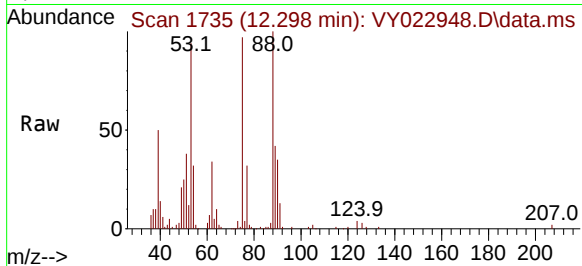




#81
trans-1,4-Dichloro-2-butene
Concen: 19.603 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

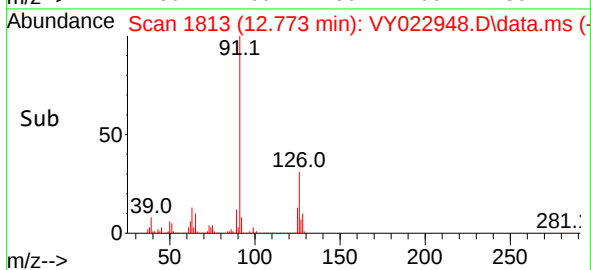
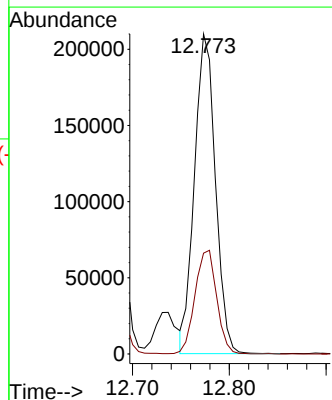
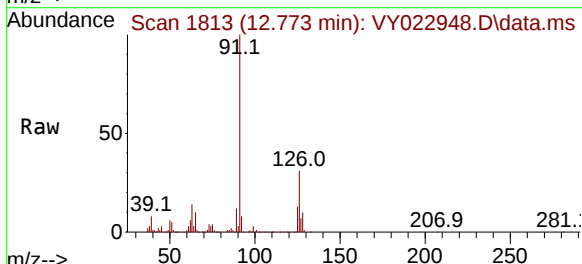
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

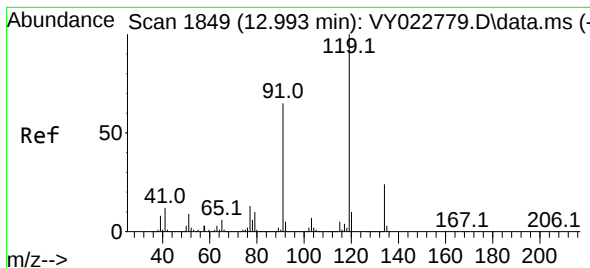
Tgt Ion: 75 Resp: 22687
Ion Ratio Lower Upper
75 100
53 102.1 78.5 117.7
89 44.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.811 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 91 Resp: 315835
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.555 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

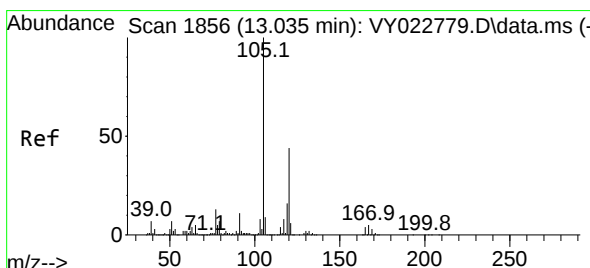
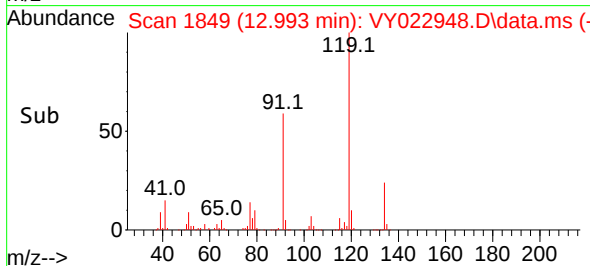
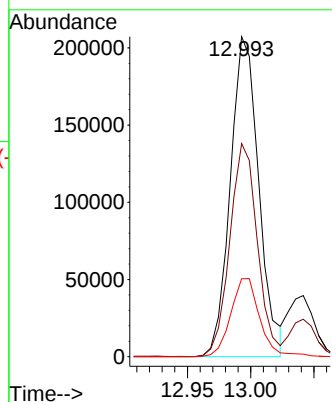
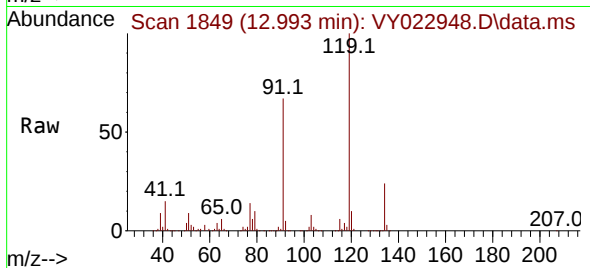
Tgt Ion:119 Resp: 325048

Ion Ratio Lower Upper

119 100

91 64.4 32.1 96.3

134 24.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.200 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022948.D

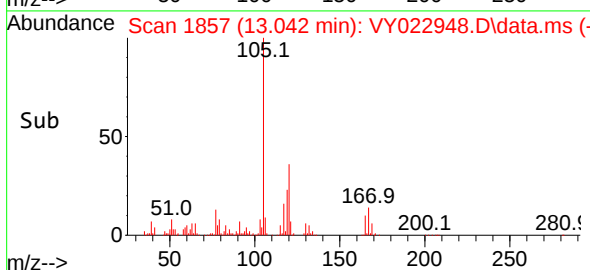
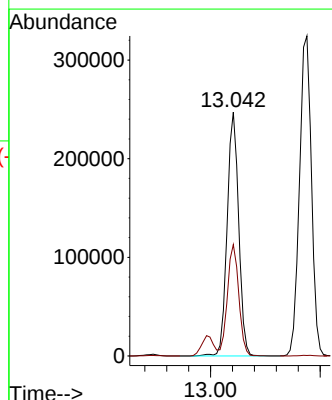
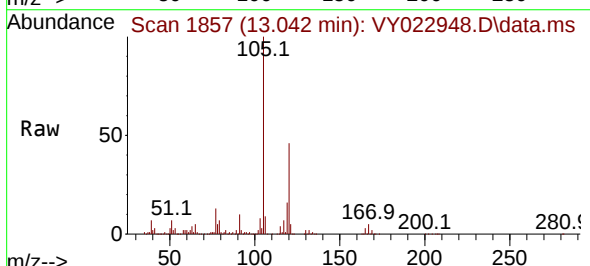
Acq: 07 Jul 2025 10:17

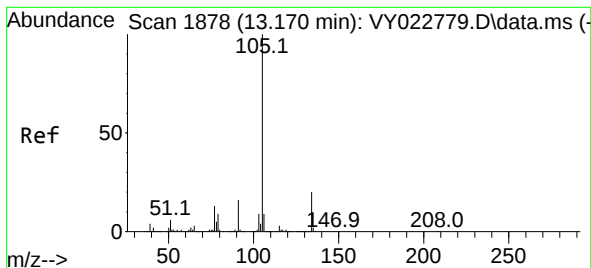
Tgt Ion:105 Resp: 362921

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.562 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

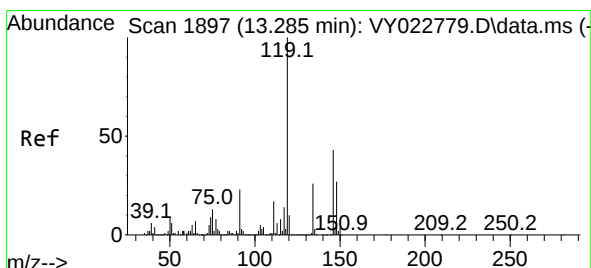
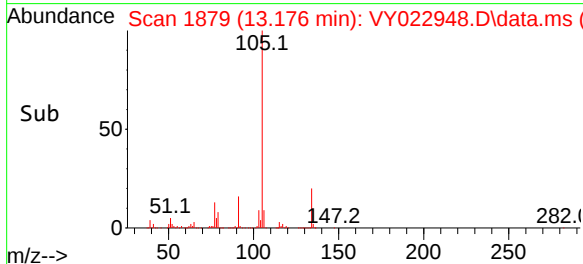
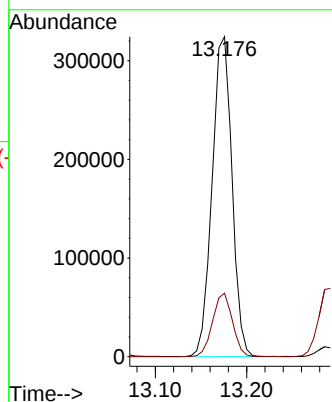
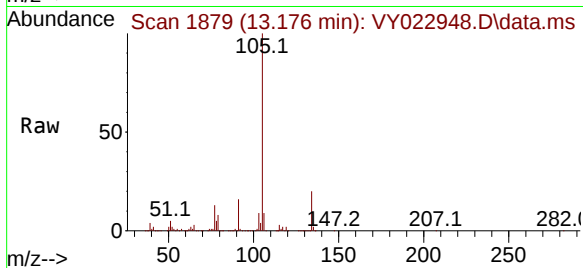
VY0707SBS01

Tgt Ion:105 Resp: 489226

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.137 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

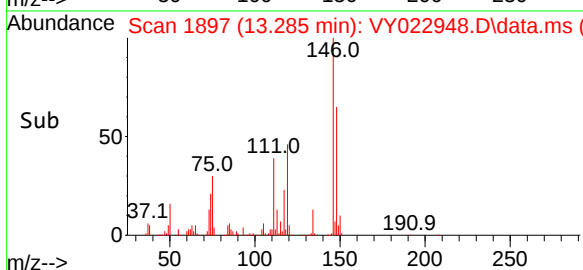
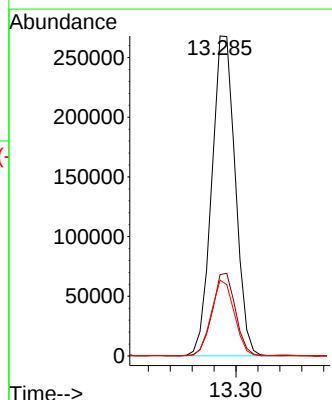
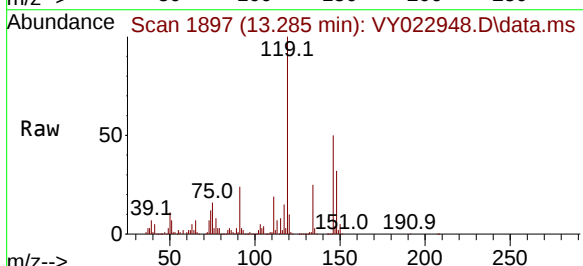
Tgt Ion:119 Resp: 399082

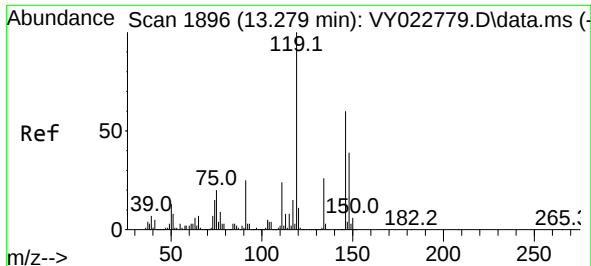
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.674 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

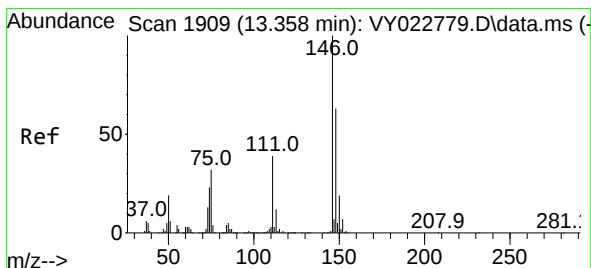
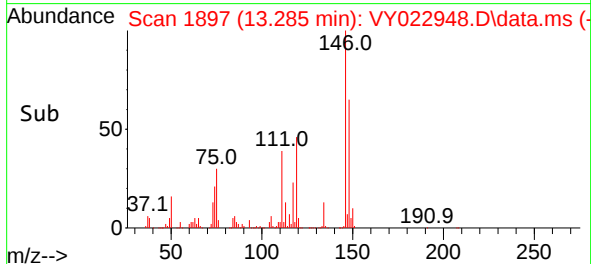
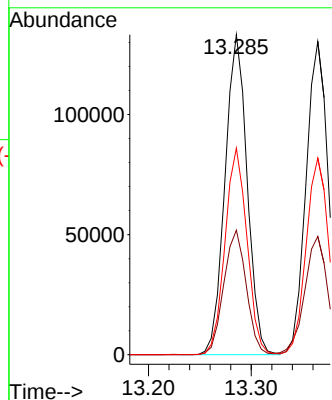
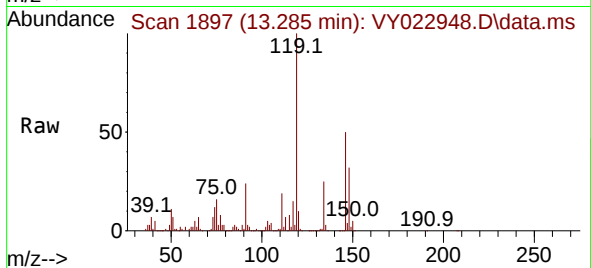
Tgt Ion:146 Resp: 199343

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 64.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.474 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

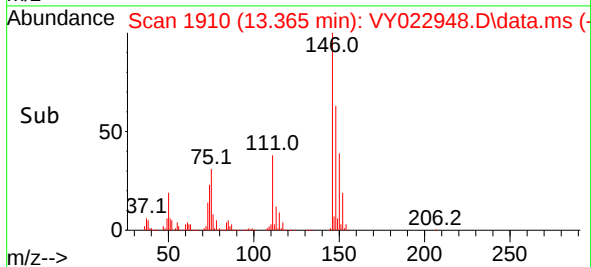
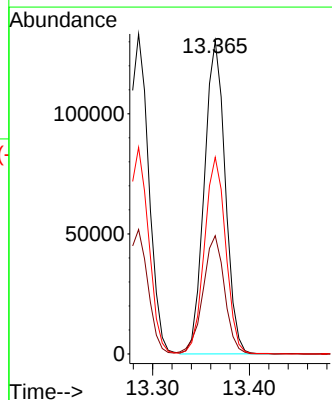
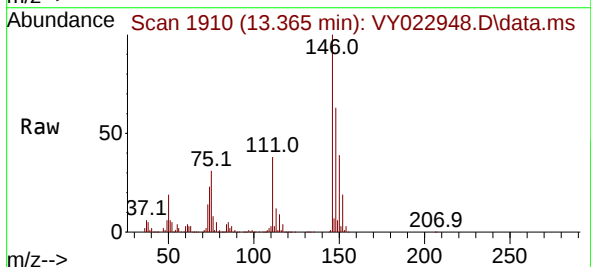
Tgt Ion:146 Resp: 196099

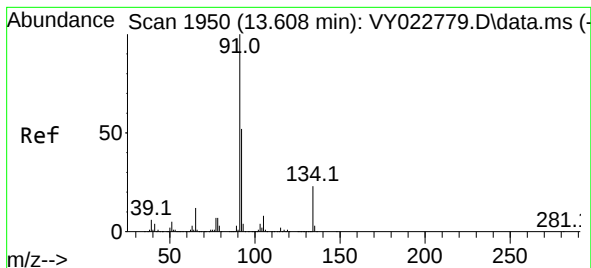
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 21.056 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

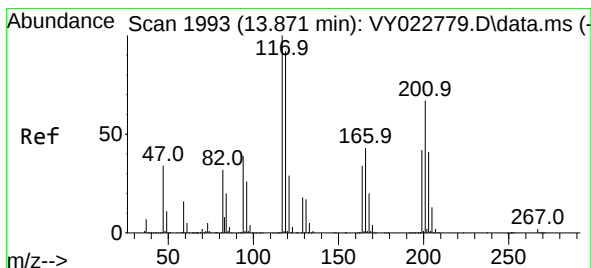
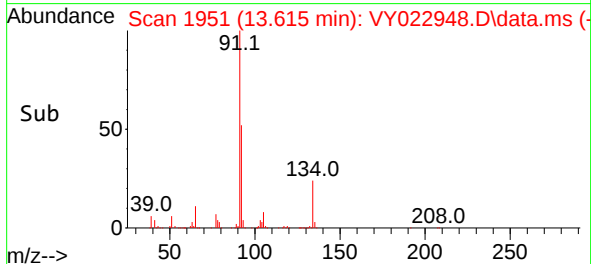
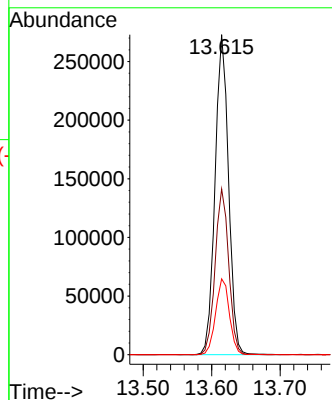
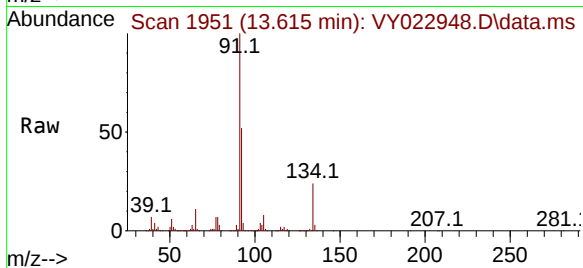
Tgt Ion: 91 Resp: 373963

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 21.783 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022948.D

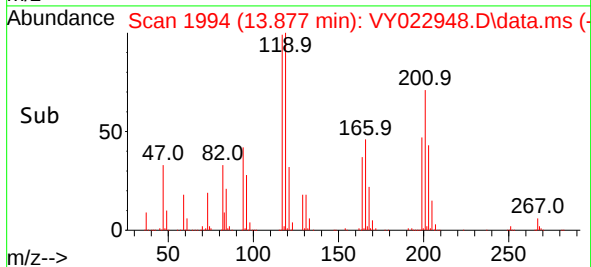
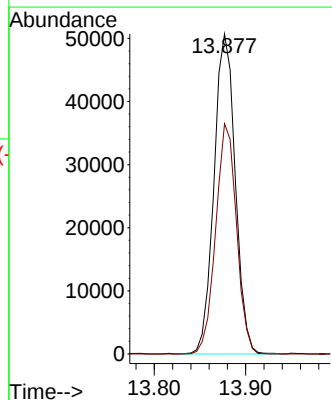
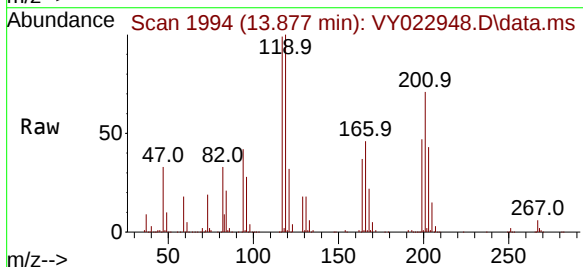
Acq: 07 Jul 2025 10:17

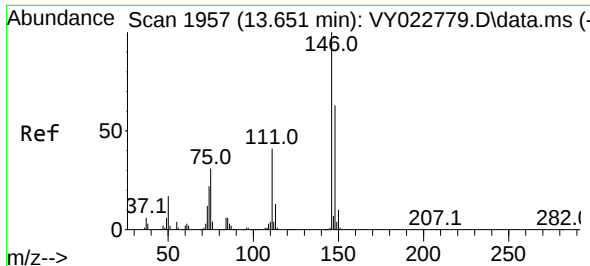
Tgt Ion: 117 Resp: 81916

Ion Ratio Lower Upper

117 100

201 70.4 34.0 102.0

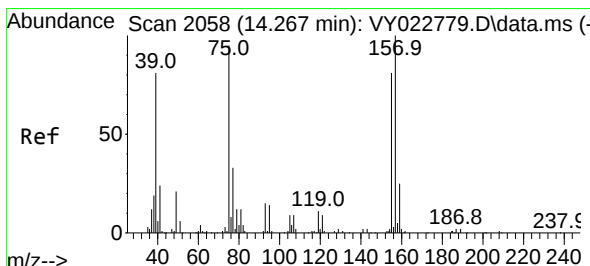
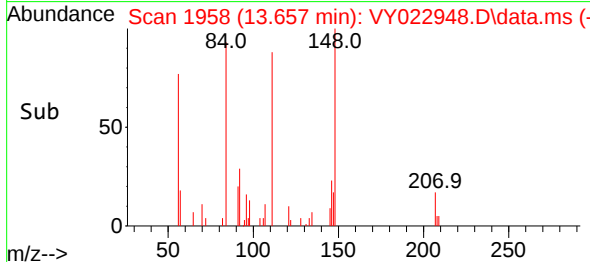
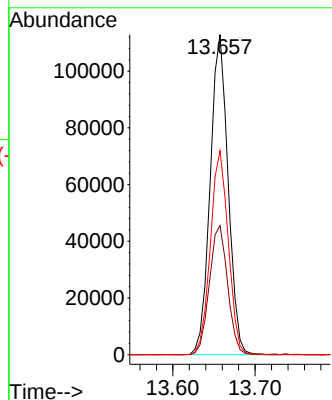
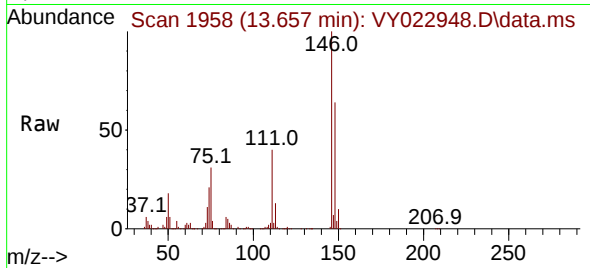




#91
1,2-Dichlorobenzene
Concen: 20.077 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

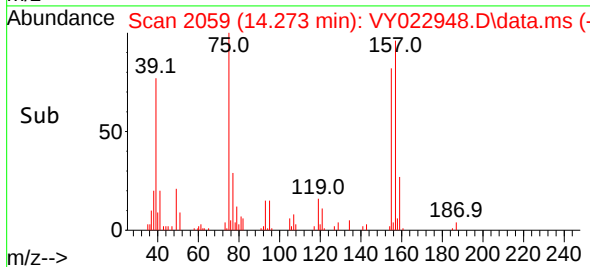
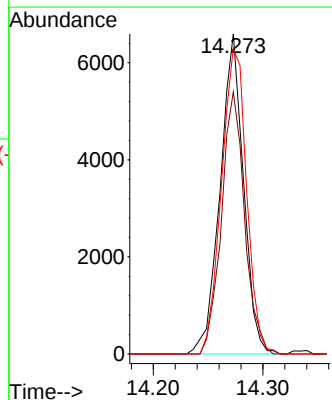
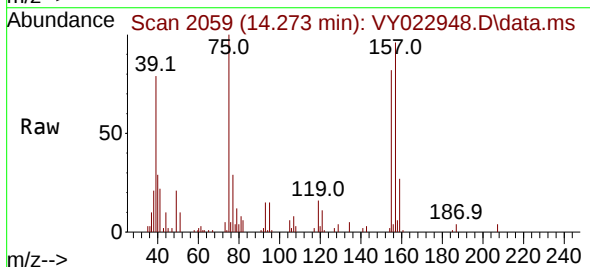
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

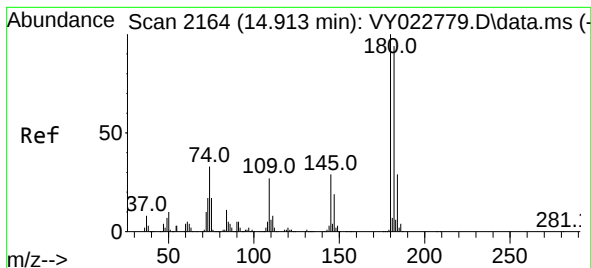
Tgt Ion:146 Resp: 170602
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.6
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.827 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022948.D
Acq: 07 Jul 2025 10:17

Tgt Ion: 75 Resp: 9741
Ion Ratio Lower Upper
75 100
155 81.2 39.9 119.6
157 102.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.410 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

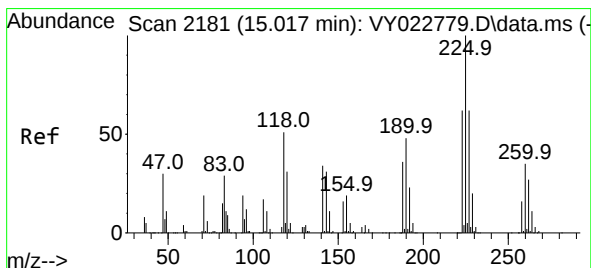
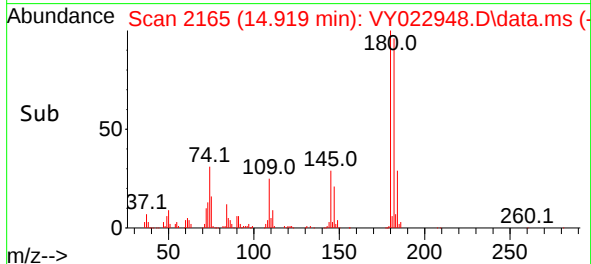
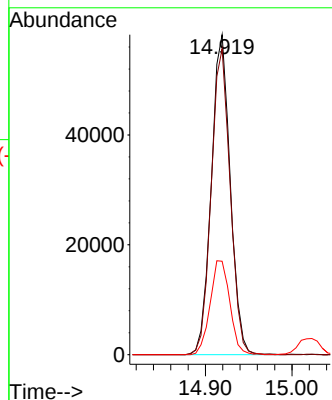
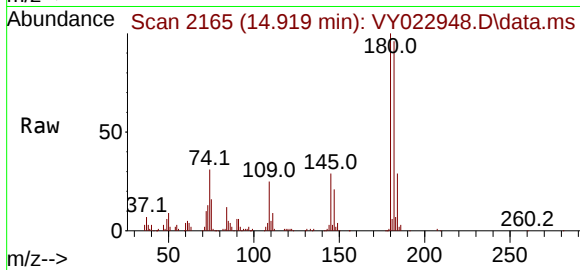
Tgt Ion:180 Resp: 88322

Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.3

145 30.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.785 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

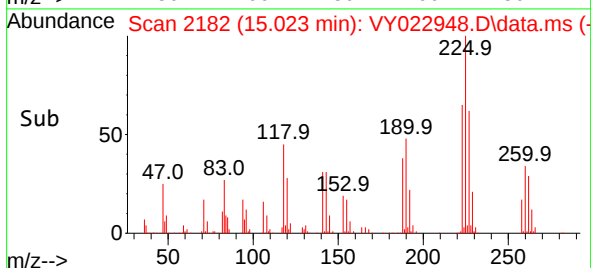
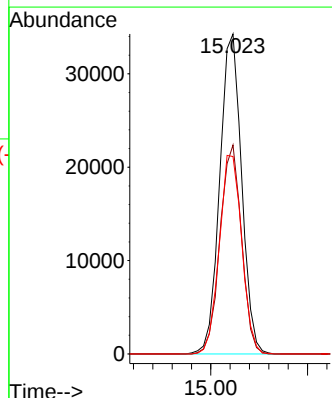
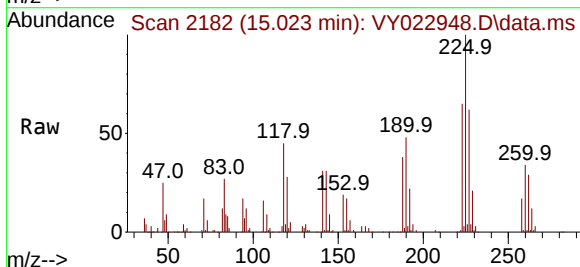
Tgt Ion:225 Resp: 53676

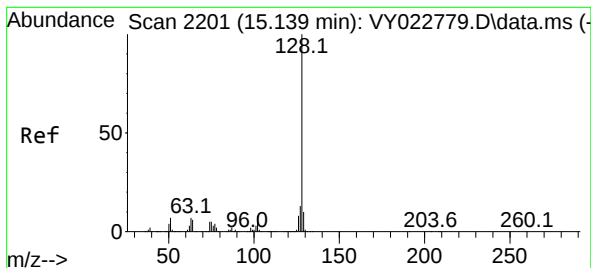
Ion Ratio Lower Upper

225 100

223 64.2 32.5 97.4

227 63.9 32.3 96.9





#95

Naphthalene

Concen: 15.838 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

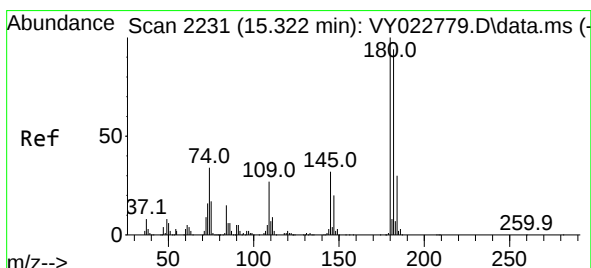
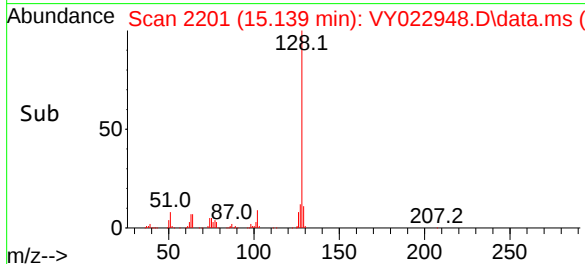
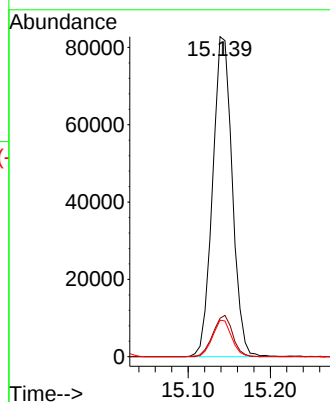
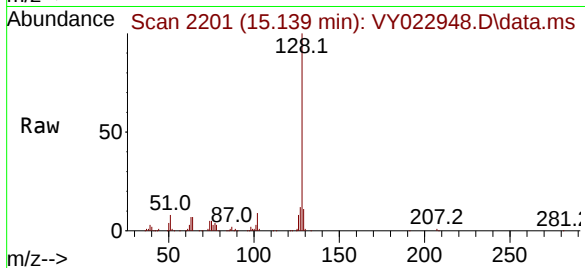
Tgt Ion:128 Resp: 137408

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.712 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022948.D

Acq: 07 Jul 2025 10:17

Tgt Ion:180 Resp: 73428

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.3

145 31.4 15.2 45.6

