

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022202.D
 Acq On : 08 May 2025 10:46
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 09 05:05:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	219469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102738	50.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.360%	
35) Dibromofluoromethane	7.634	113	111426	50.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.109	98	423719	50.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.408	95	140380	49.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	37110	19.844	ug/l	95
3) Chloromethane	2.068	50	56234	21.118	ug/l	95
4) Vinyl Chloride	2.202	62	68385	20.899	ug/l	99
5) Bromomethane	2.592	94	60803	21.568	ug/l	95
6) Chloroethane	2.732	64	48804	21.900	ug/l	98
7) Trichlorofluoromethane	3.056	101	86685	20.090	ug/l	97
8) Diethyl Ether	3.458	74	21545	19.184	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	48828	20.860	ug/l	96
10) Methyl Iodide	4.007	142	52270	19.287	ug/l	99
11) Tert butyl alcohol	4.854	59	11533	103.629	ug/l #	70
12) 1,1-Dichloroethene	3.793	96	44043	20.187	ug/l	96
13) Acrolein	3.653	56	10272	51.425	ug/l	100
14) Allyl chloride	4.385	41	51637	20.326	ug/l	98
15) Acrylonitrile	5.061	53	43355	105.449	ug/l	99
16) Acetone	3.872	43	41550	147.863	ug/l	98
17) Carbon Disulfide	4.104	76	135856	19.529	ug/l	97
18) Methyl Acetate	4.385	43	19169	20.243	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	96164	19.693	ug/l	95
20) Methylene Chloride	4.610	84	54108	21.108	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	49974	20.452	ug/l	97
22) Diisopropyl ether	6.024	45	123436	21.834	ug/l	98
23) Vinyl Acetate	5.957	43	326713	107.231	ug/l	98
24) 1,1-Dichloroethane	5.909	63	82667	21.095	ug/l	98
25) 2-Butanone	6.896	43	53055	114.815	ug/l	96
26) 2,2-Dichloropropane	6.884	77	74472	21.683	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55229	20.215	ug/l	97
28) Bromochloromethane	7.244	49	32716	21.494	ug/l	96
29) Tetrahydrofuran	7.262	42	32050	106.791	ug/l	97
30) Chloroform	7.421	83	91756	21.109	ug/l	96
31) Cyclohexane	7.701	56	68554	20.457	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	82001	20.852	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65424	21.886	ug/l	97
37) Ethyl Acetate	6.982	43	24937	23.227	ug/l	95
38) Carbon Tetrachloride	7.817	117	76491	21.414	ug/l	97
39) Methylcyclohexane	9.109	83	75264	20.007	ug/l	95
40) Benzene	8.079	78	195421	20.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11433	19.481	ug/l	91
42) 1,2-Dichloroethane	8.158	62	50237	21.714	ug/l	99
43) Isopropyl Acetate	8.195	43	45333	21.987	ug/l	97
44) Trichloroethene	8.865	130	53646	20.727	ug/l	88
45) 1,2-Dichloropropane	9.140	63	45113	21.831	ug/l	98
46) Dibromomethane	9.231	93	26943	20.828	ug/l	98
47) Bromodichloromethane	9.420	83	69237	21.425	ug/l	97
48) Methyl methacrylate	9.219	41	20176	21.168	ug/l	99
49) 1,4-Dioxane	9.231	88	6083	441.197	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	119042	110.142	ug/l	97
52) Toluene	10.170	92	126816	20.966	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	58088	20.956	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	69728	21.162	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	37499	21.702	ug/l	98
56) Ethyl methacrylate	10.438	69	39142	19.809	ug/l	97
57) 1,3-Dichloropropane	10.719	76	59958	21.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	98454	101.906	ug/l	99
59) 2-Hexanone	10.761	43	81301	114.046	ug/l	96
60) Dibromochloromethane	10.908	129	51436	21.501	ug/l	98
61) 1,2-Dibromoethane	11.011	107	34858	21.369	ug/l	98
64) Tetrachloroethene	10.646	164	60053	20.998	ug/l	97
65) Chlorobenzene	11.438	112	140819	20.771	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	51290	21.489	ug/l	99
67) Ethyl Benzene	11.517	91	224660	20.258	ug/l	99
68) m/p-Xylenes	11.627	106	183313	41.539	ug/l	98
69) o-Xylene	11.956	106	81737	20.095	ug/l	97
70) Styrene	11.969	104	142065	20.802	ug/l	99
71) Bromoform	12.133	173	30041	21.649	ug/l #	98
73) Isopropylbenzene	12.255	105	217899	19.689	ug/l	100
74) N-amyl acetate	12.072	43	38784	20.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	39572	21.208	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	51937	36.605	ug/l #	100
77) Bromobenzene	12.529	156	56639	20.254	ug/l	97
78) n-propylbenzene	12.596	91	271979	20.636	ug/l	99
79) 2-Chlorotoluene	12.682	91	156708	20.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	188508	20.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12525	21.258	ug/l	98
82) 4-Chlorotoluene	12.779	91	169019	21.213	ug/l	98
83) tert-Butylbenzene	12.999	119	163309	19.969	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	186308	20.427	ug/l	100
85) sec-Butylbenzene	13.176	105	247113	20.650	ug/l	99
86) p-Isopropyltoluene	13.291	119	204325	20.107	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	115391	20.316	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	114101	20.284	ug/l	100
89) n-Butylbenzene	13.615	91	182180	20.057	ug/l	99
90) Hexachloroethane	13.877	117	46773	20.950	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	102666	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6033	20.323	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	54239	19.321	ug/l	99
94) Hexachlorobutadiene	15.023	225	34969	20.246	ug/l	100
95) Naphthalene	15.145	128	81740	17.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46098	19.024	ug/l	99

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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

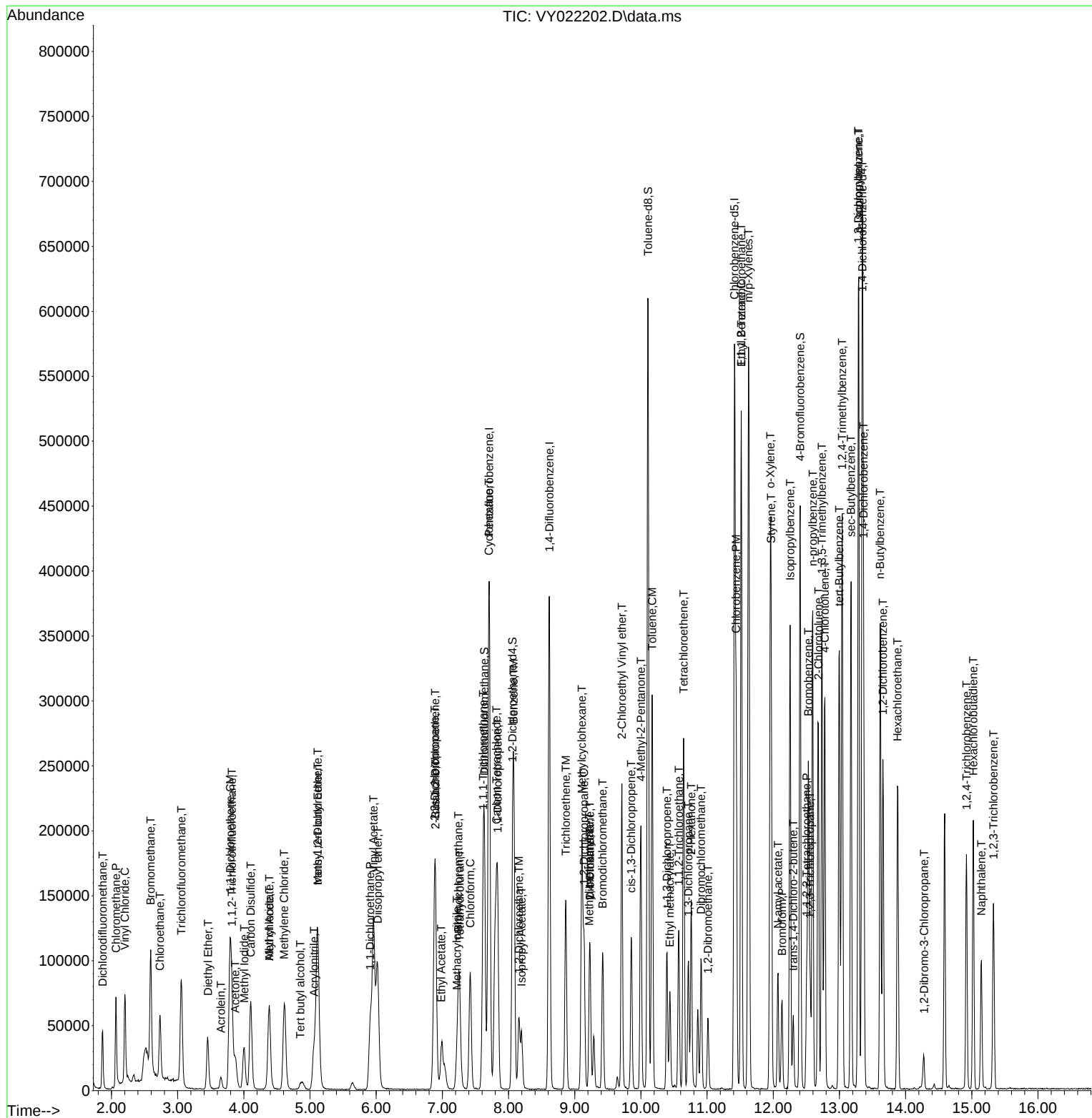
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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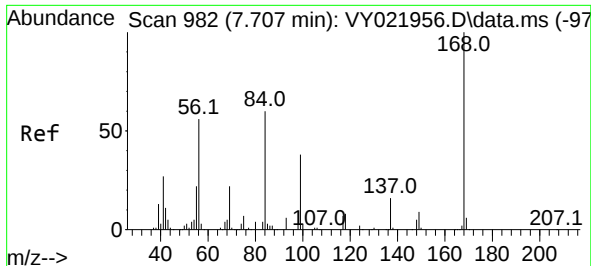
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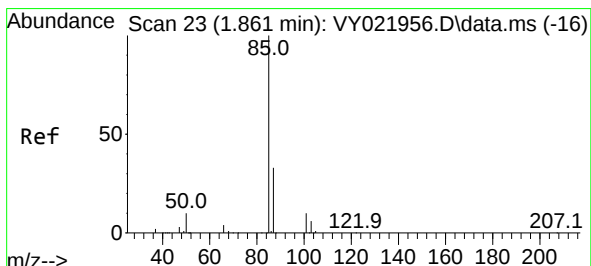
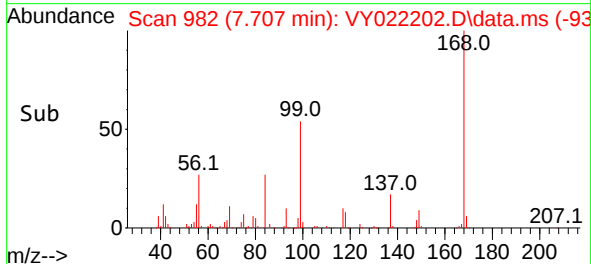
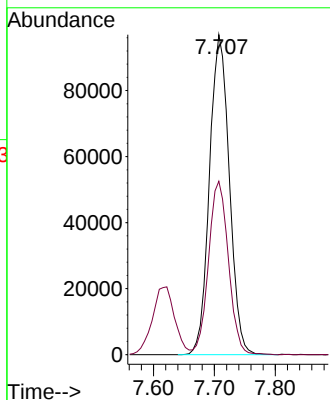
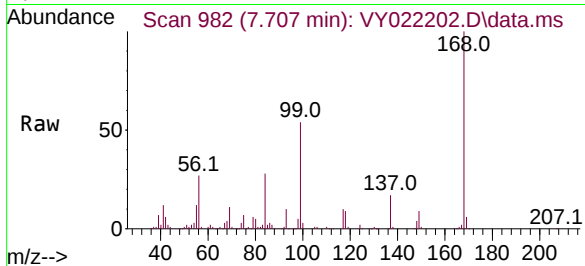




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022202.D
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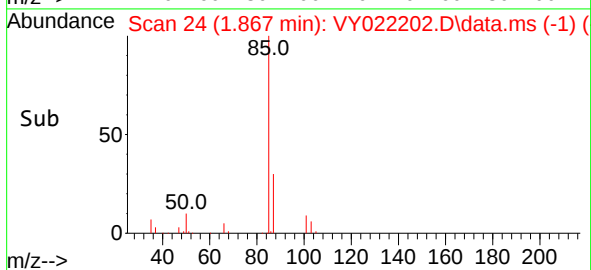
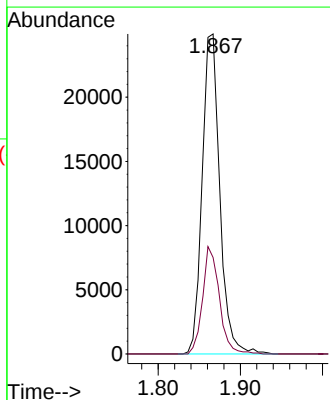
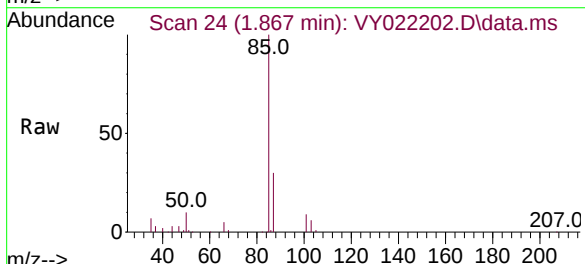
Instrument :
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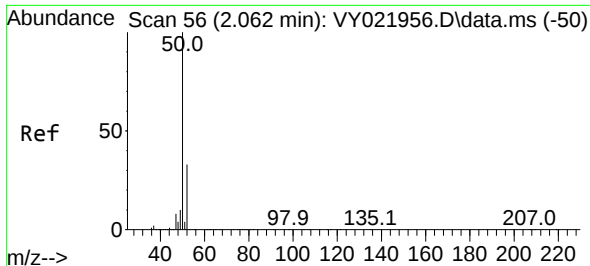
Tgt Ion:168 Resp: 219469
Ion Ratio Lower Upper
168 100
99 54.2 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.844 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 85 Resp: 37110
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.7

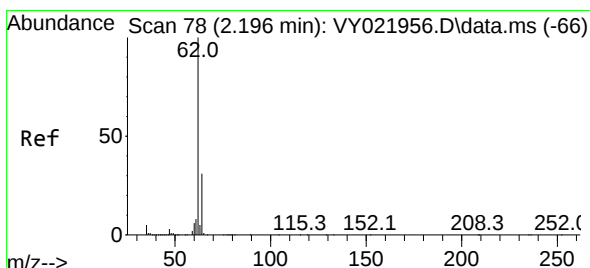
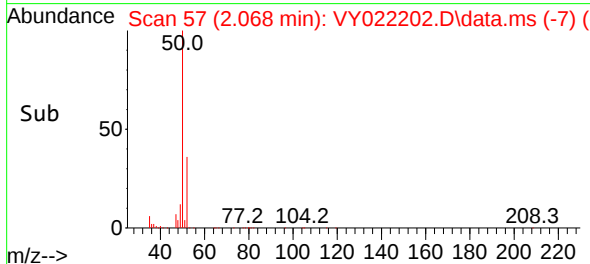
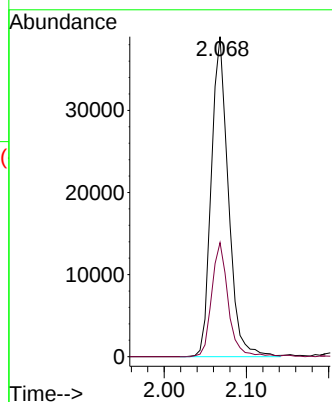
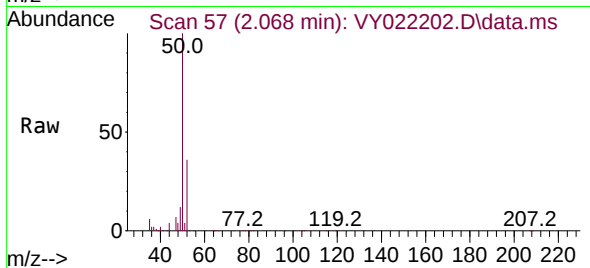




#3
Chloromethane
Concen: 21.118 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

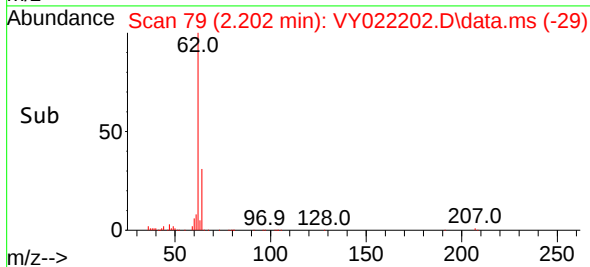
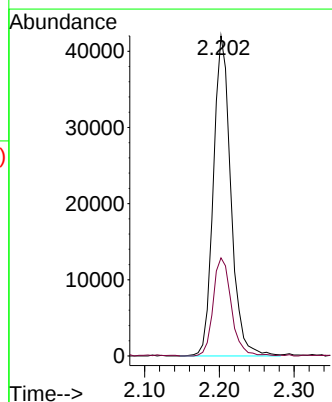
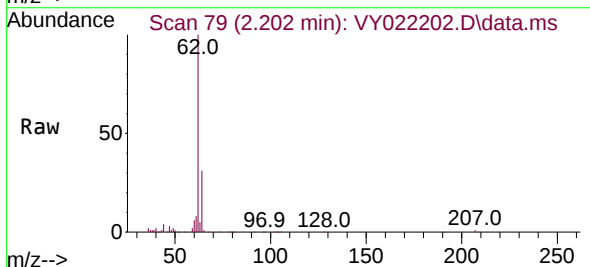
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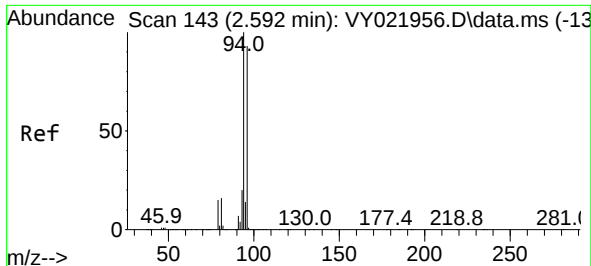
Tgt Ion: 50 Resp: 56234
Ion Ratio Lower Upper
50 100
52 35.7 26.1 39.1



#4
Vinyl Chloride
Concen: 20.899 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 62 Resp: 68385
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7

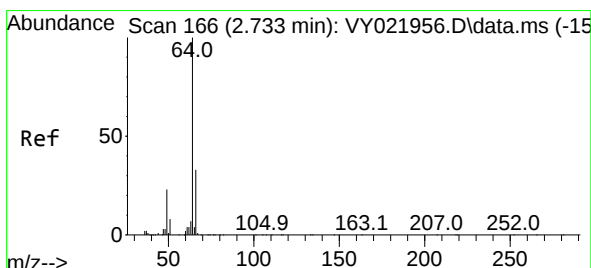
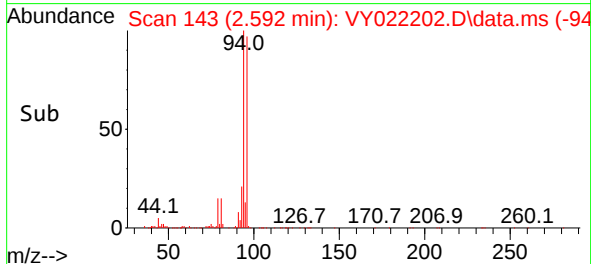
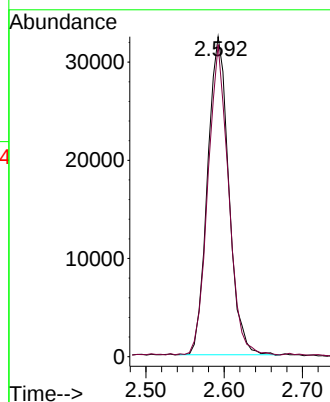
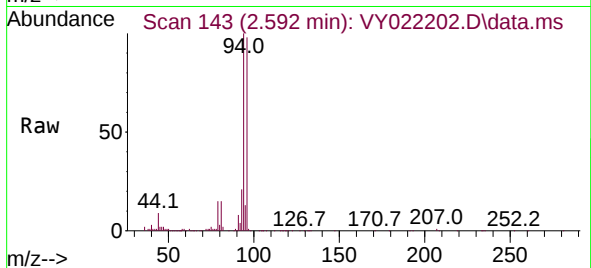




#5
Bromomethane
Concen: 21.568 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022202.D
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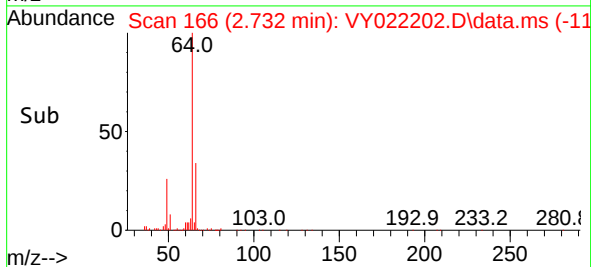
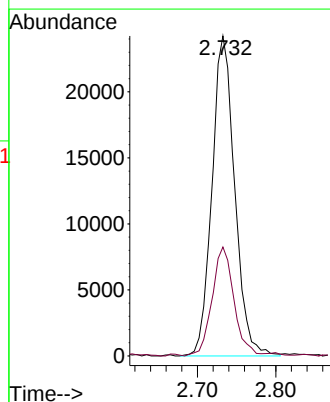
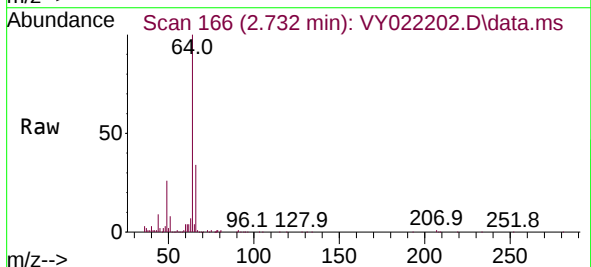
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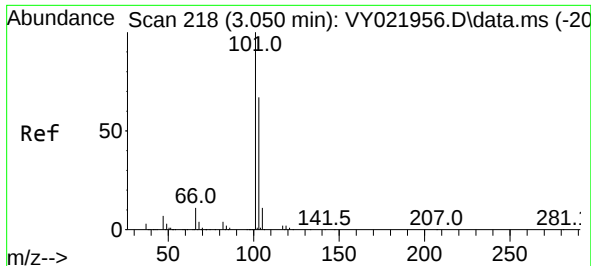
Tgt Ion: 94 Resp: 60803
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8



#6
Chloroethane
Concen: 21.900 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022202.D
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Tgt Ion: 64 Resp: 48804
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4

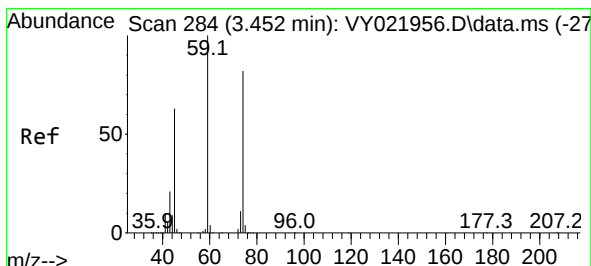
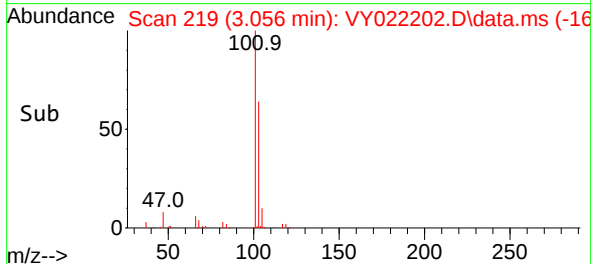
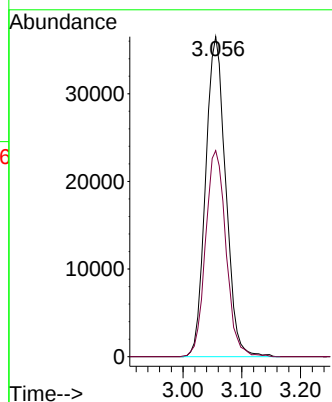
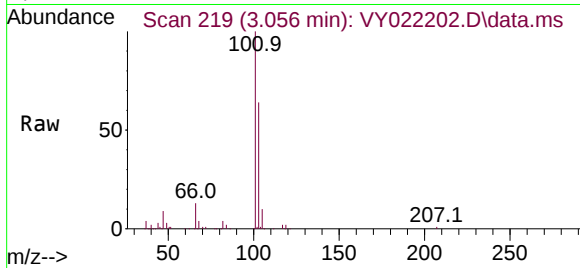




#7
 Trichlorofluoromethane
 Concen: 20.090 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

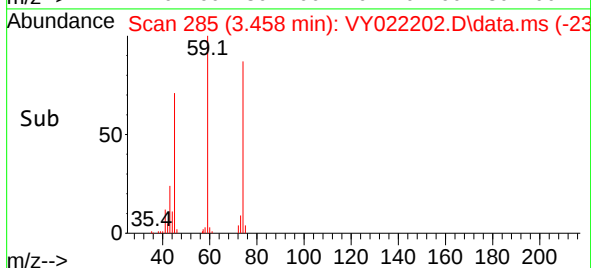
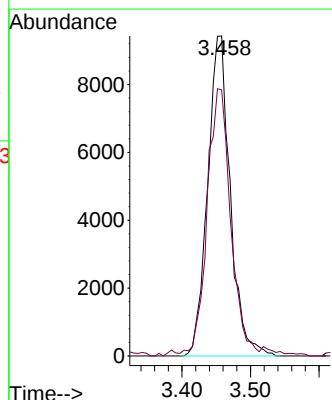
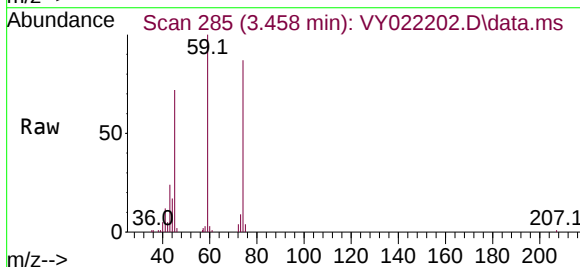
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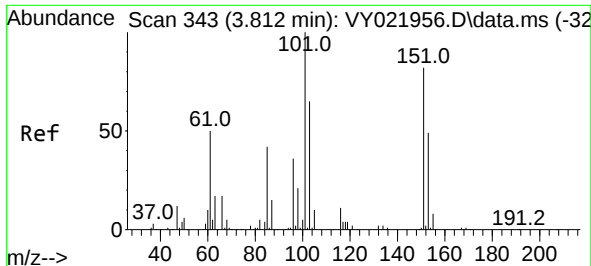
Tgt Ion:101 Resp: 86685
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.6 80.4



#8
 Diethyl Ether
 Concen: 19.184 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 21545
 Ion Ratio Lower Upper
 74 100
 45 84.8 39.1 117.5

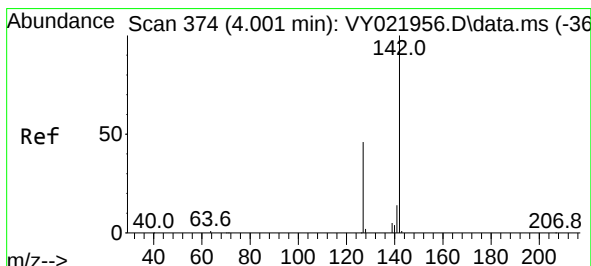
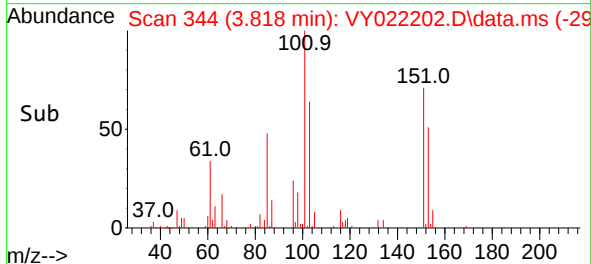
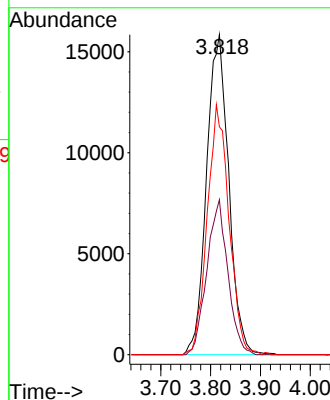
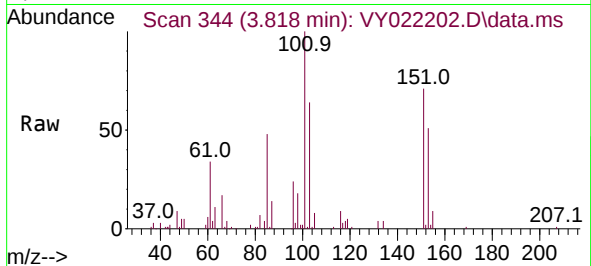




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.860 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

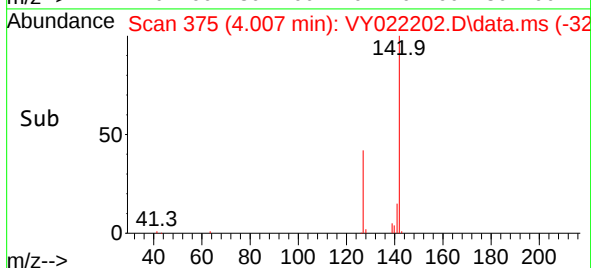
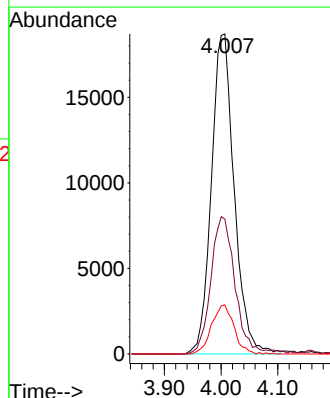
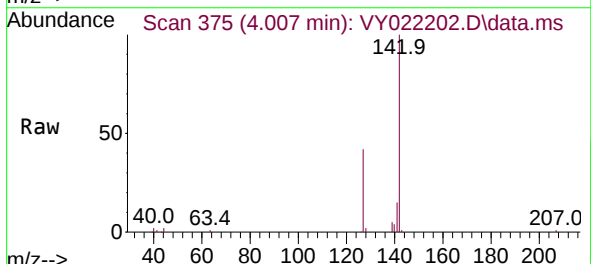
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

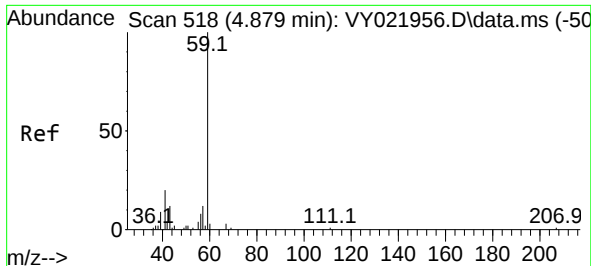
Tgt Ion:101 Resp: 48828
Ion Ratio Lower Upper
101 100
85 46.0 34.6 51.8
151 76.7 63.7 95.5



#10
Methyl Iodide
Concen: 19.287 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:142 Resp: 52270
Ion Ratio Lower Upper
142 100
127 45.9 36.2 54.2
141 15.0 11.7 17.5

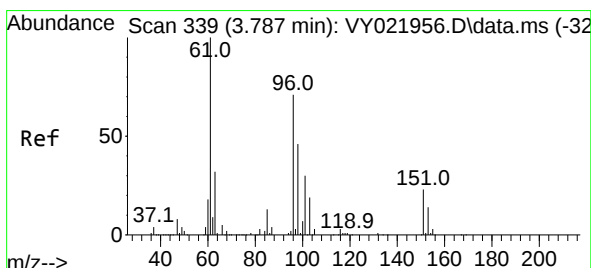
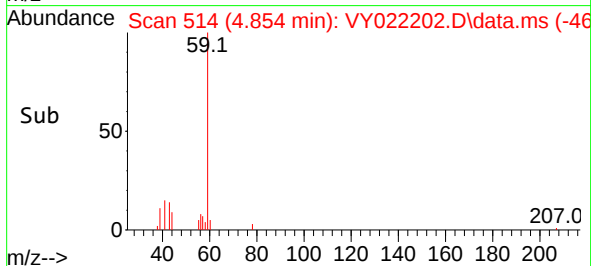
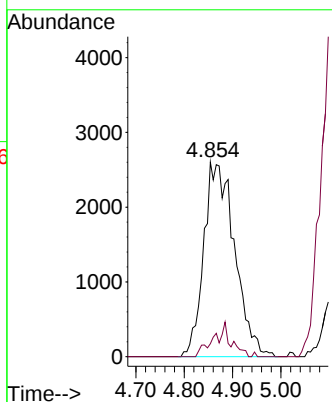
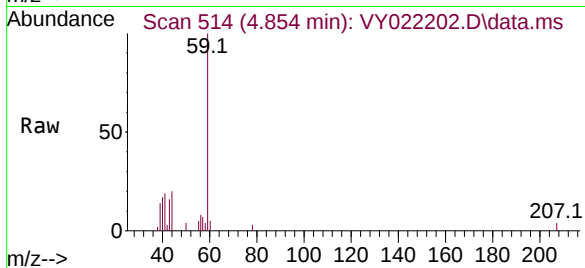




#11
Tert butyl alcohol
Concen: 103.629 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.025 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

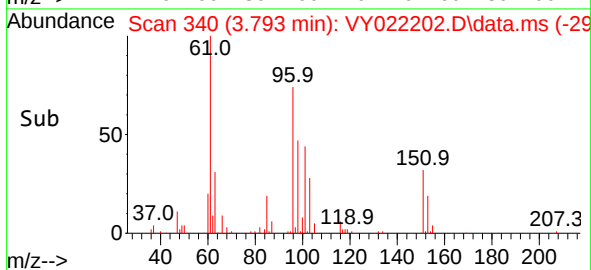
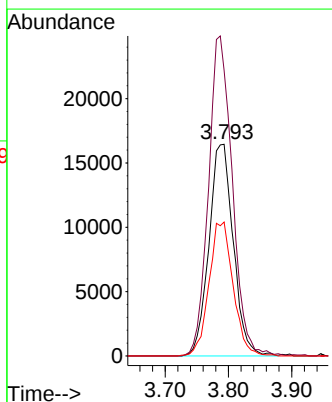
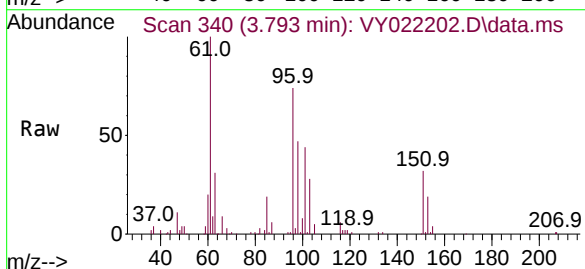
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

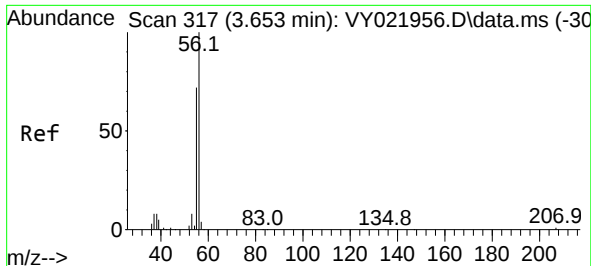
Tgt Ion: 59 Resp: 11533
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.187 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 96 Resp: 44043
Ion Ratio Lower Upper
96 100
61 134.9 113.0 169.4
98 63.3 51.4 77.2





#13

Acrolein

Concen: 51.425 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

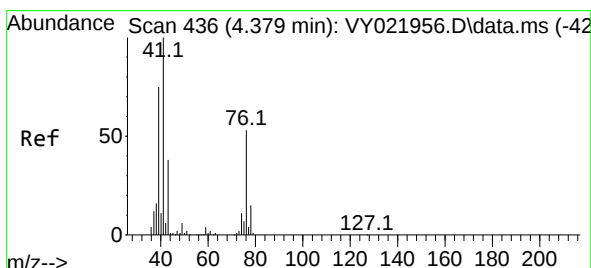
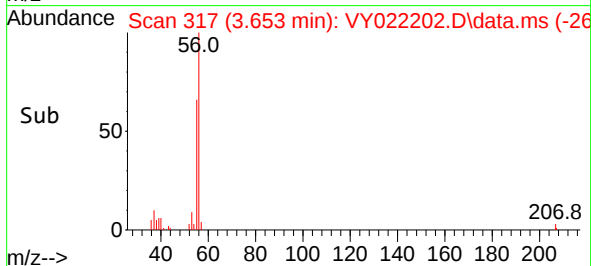
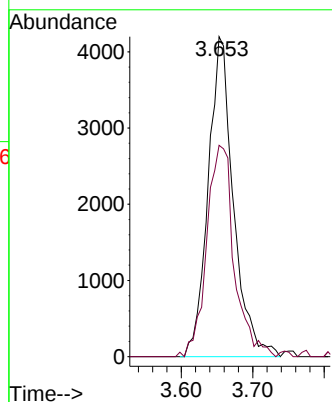
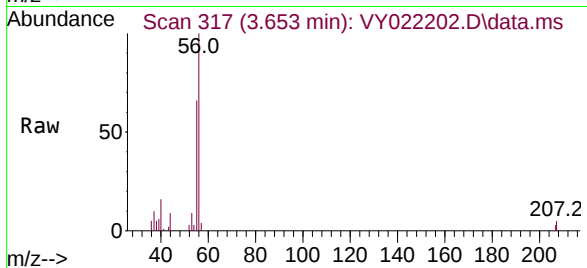
VY0508SBS01

Tgt Ion: 56 Resp: 10272

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.0



#14

Allyl chloride

Concen: 20.326 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

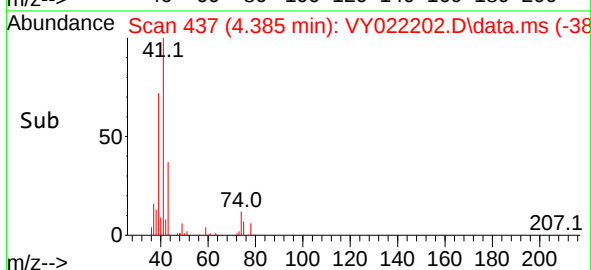
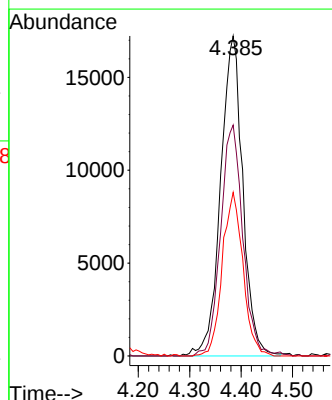
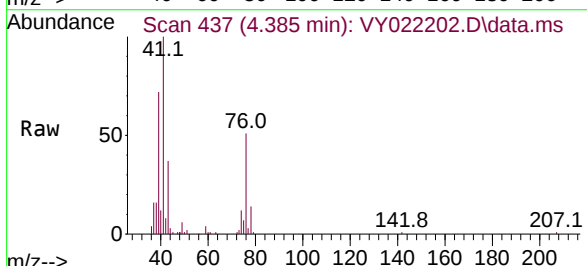
Tgt Ion: 41 Resp: 51637

Ion Ratio Lower Upper

41 100

39 72.1 57.2 85.8

76 47.7 39.7 59.5

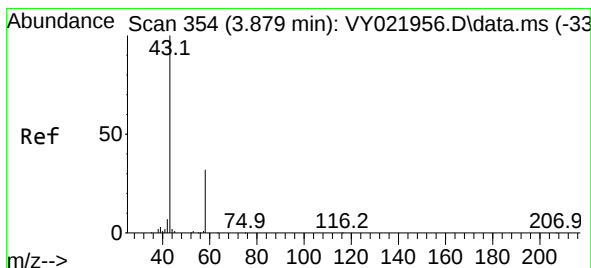
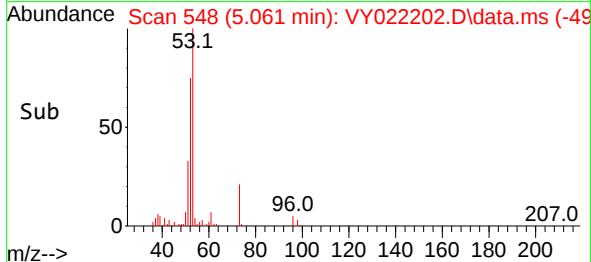
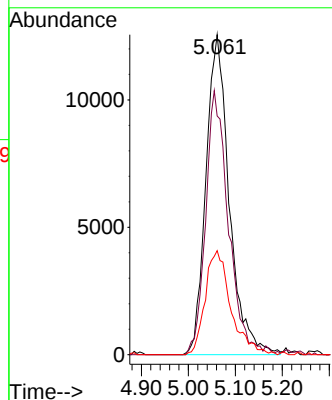
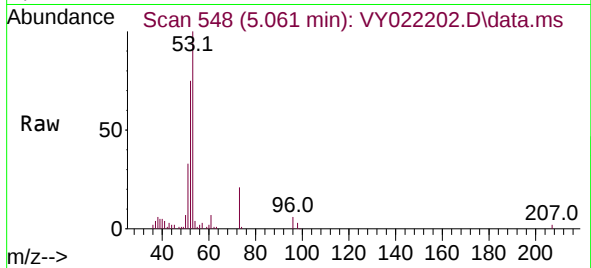




#15
Acrylonitrile
Concen: 105.449 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

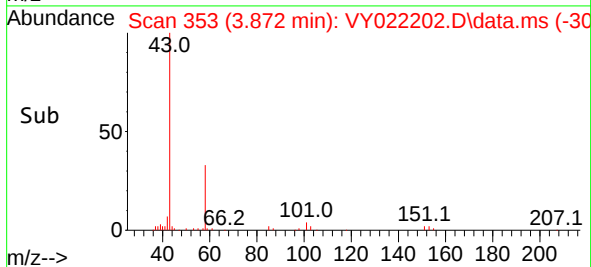
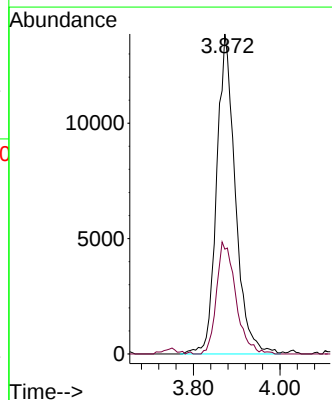
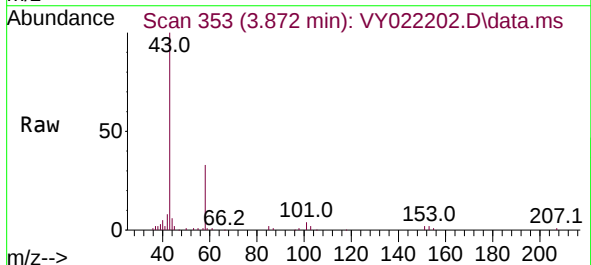
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

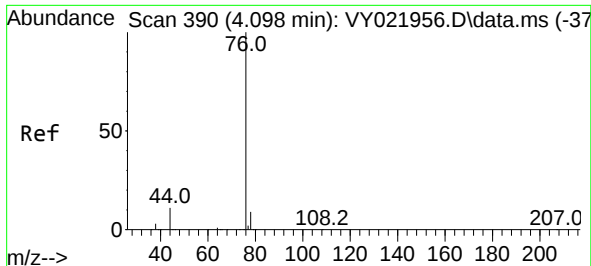
Tgt Ion: 53 Resp: 43355
Ion Ratio Lower Upper
53 100
52 79.9 65.0 97.6
51 35.7 28.9 43.3



#16
Acetone
Concen: 147.863 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 43 Resp: 41550
Ion Ratio Lower Upper
43 100
58 32.8 27.0 40.4

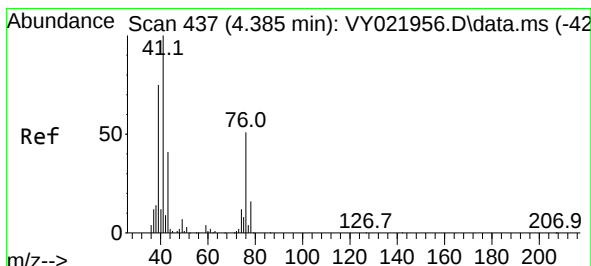
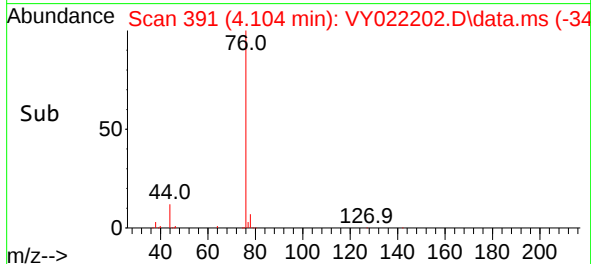
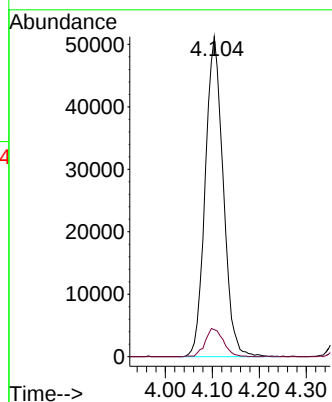
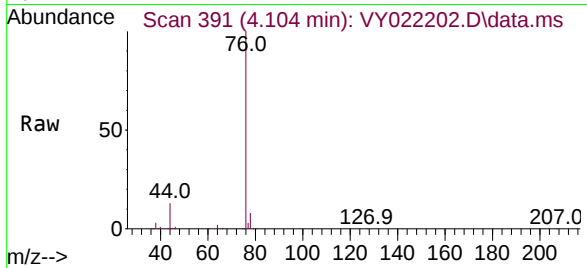




#17
Carbon Disulfide
Concen: 19.529 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

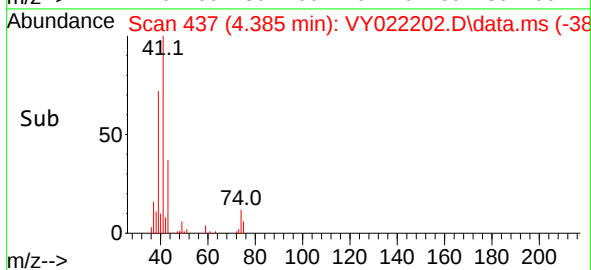
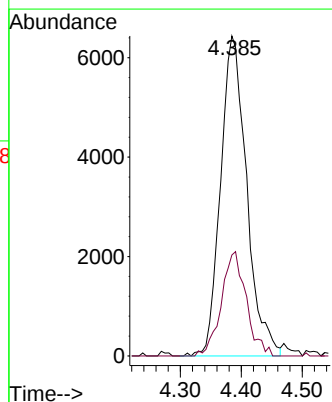
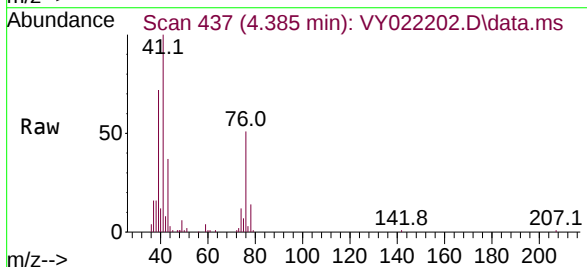
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

Tgt Ion: 76 Resp: 135856
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 20.243 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 43 Resp: 19169
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.693 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

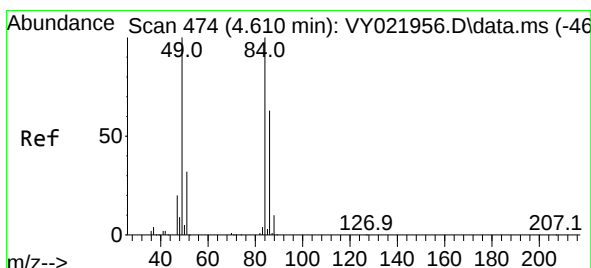
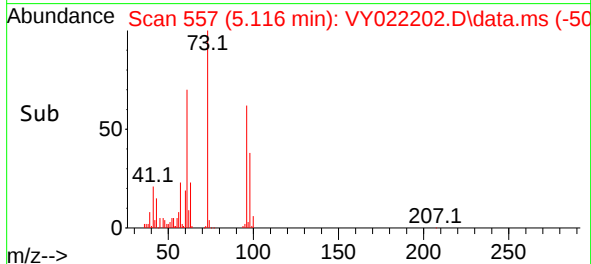
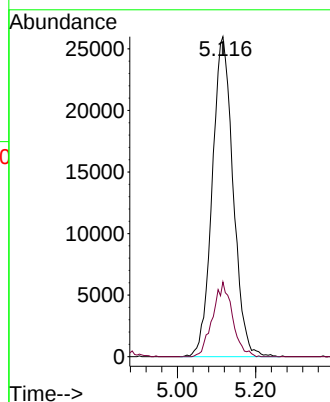
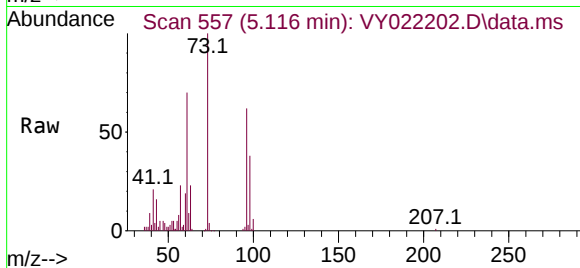
VY0508SBS01

Tgt Ion: 73 Resp: 96164

Ion Ratio Lower Upper

73 100

57 23.4 16.9 25.3



#20

Methylene Chloride

Concen: 21.108 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Tgt Ion: 84 Resp: 54108

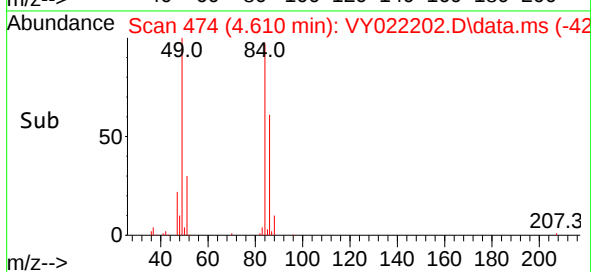
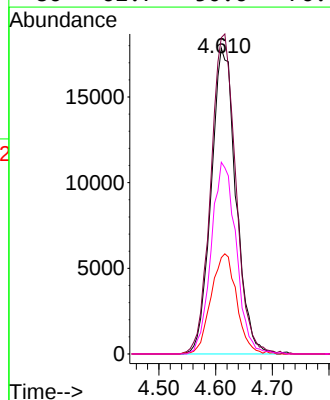
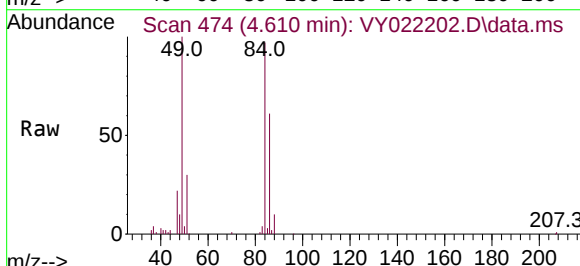
Ion Ratio Lower Upper

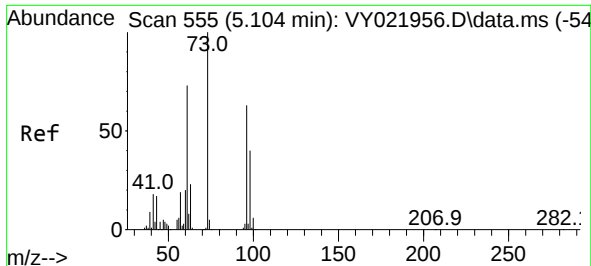
84 100

49 103.5 79.9 119.9

51 31.5 25.4 38.0

86 62.7 50.6 76.0

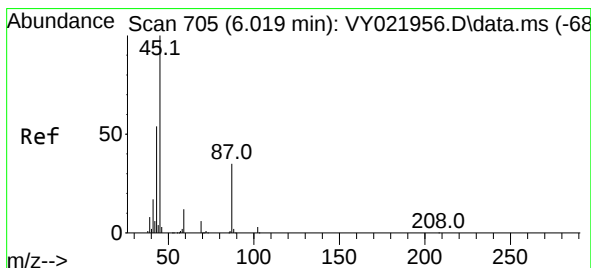
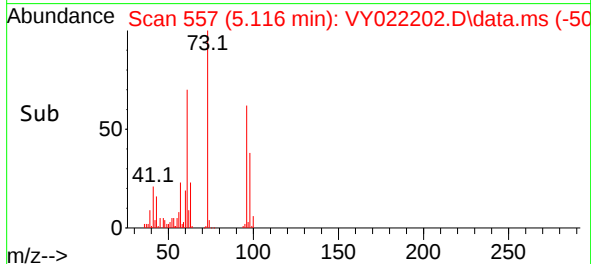
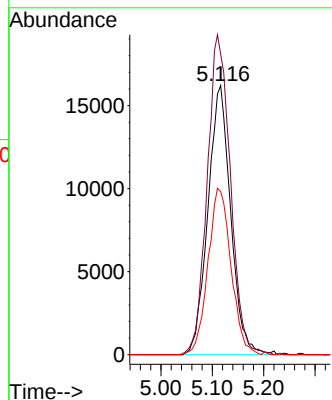
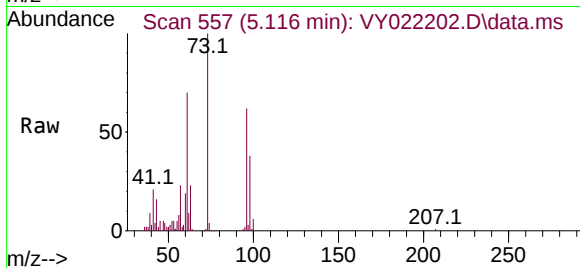




#21
trans-1,2-Dichloroethene
Concen: 20.452 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

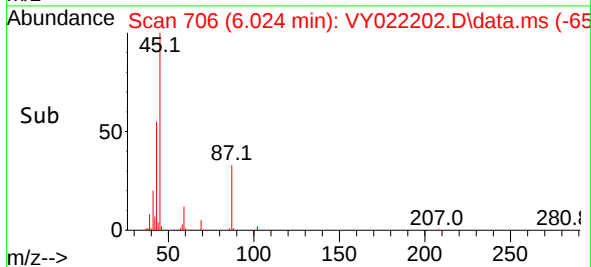
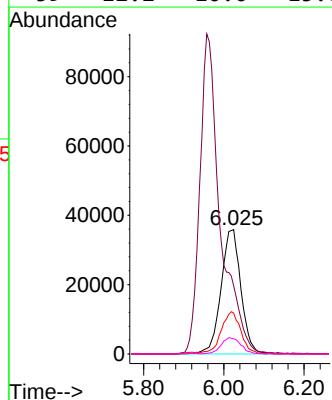
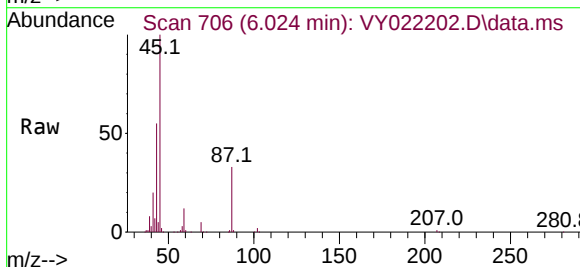
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

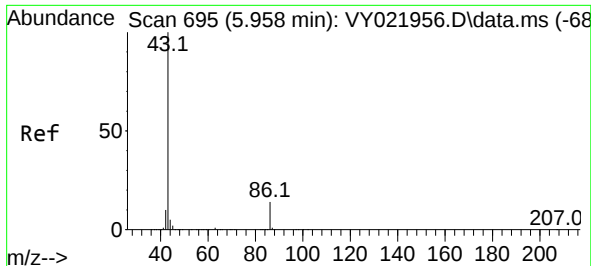
Tgt Ion: 96 Resp: 49974
Ion Ratio Lower Upper
96 100
61 111.6 92.6 138.8
98 60.6 50.2 75.4



#22
Diisopropyl ether
Concen: 21.834 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 45 Resp: 123436
Ion Ratio Lower Upper
45 100
43 54.6 43.6 65.4
87 32.9 28.2 42.4
59 12.2 10.0 15.0

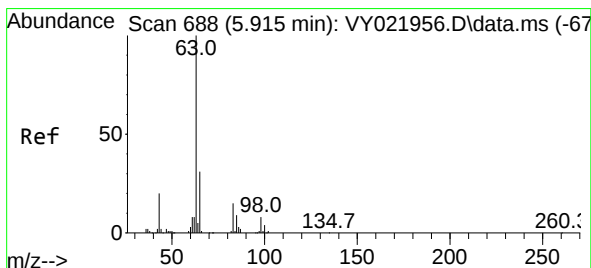
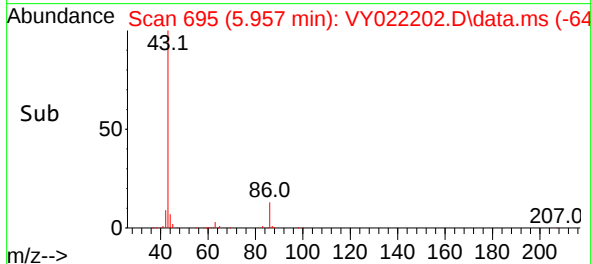
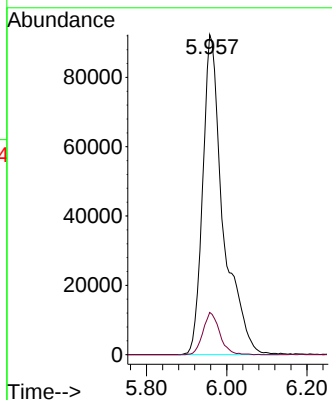
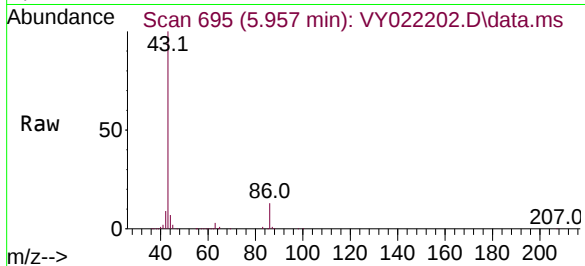




#23
 Vinyl Acetate
 Concen: 107.231 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

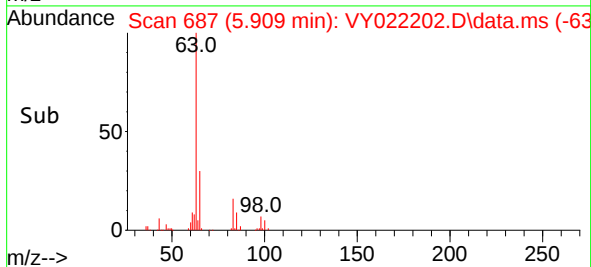
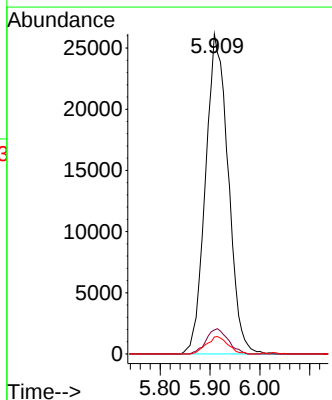
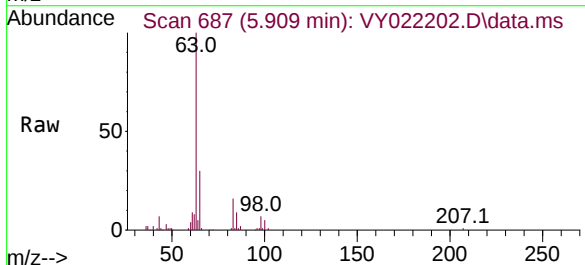
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

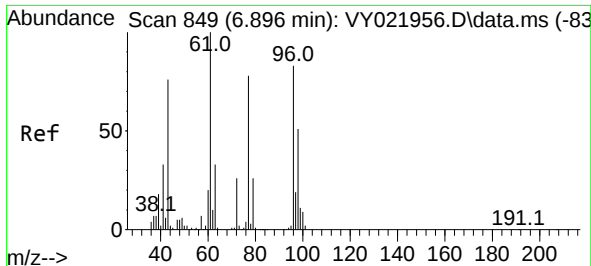
Tgt Ion: 43 Resp: 326713
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 21.095 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

Tgt Ion: 63 Resp: 82667
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 114.815 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

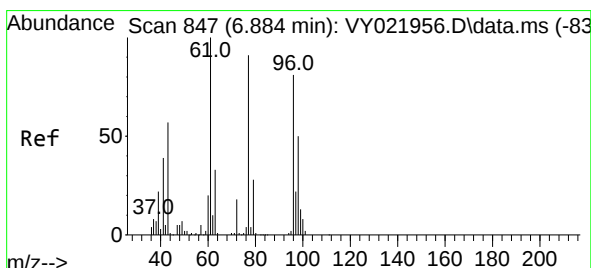
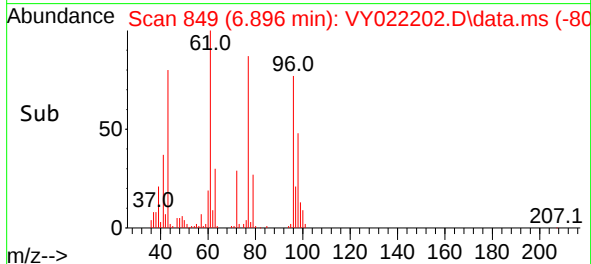
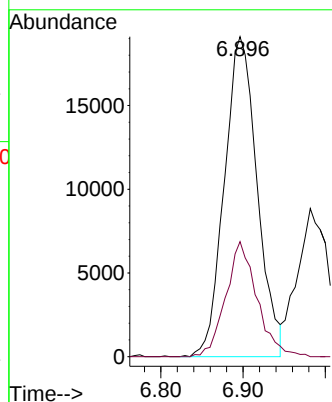
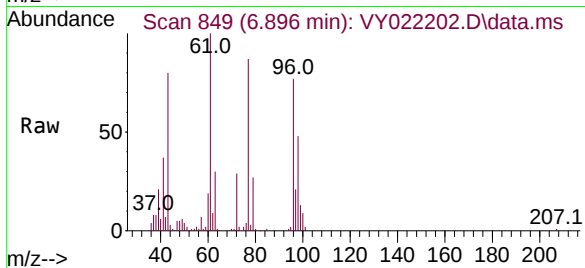
VY0508SBS01

Tgt Ion: 43 Resp: 53055

Ion Ratio Lower Upper

43 100

72 35.9 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.683 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022202.D

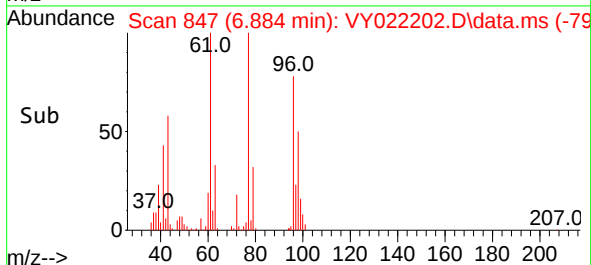
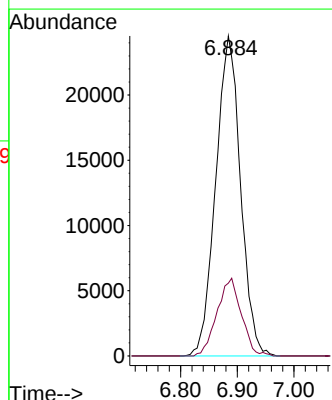
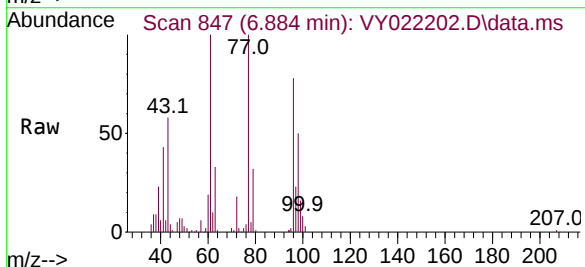
Acq: 08 May 2025 10:46

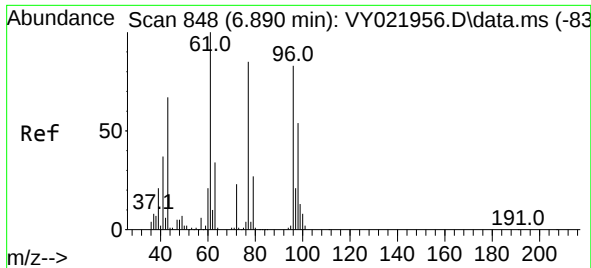
Tgt Ion: 77 Resp: 74472

Ion Ratio Lower Upper

77 100

97 23.9 12.4 37.4

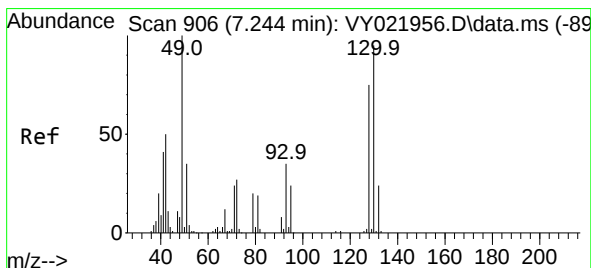
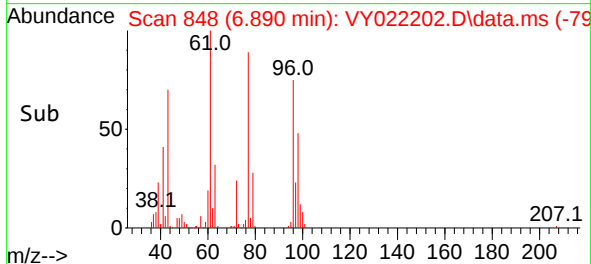
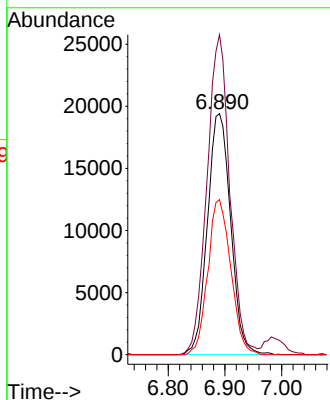
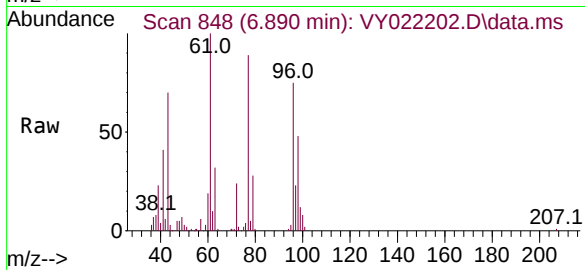




#27
 cis-1,2-Dichloroethene
 Concen: 20.215 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

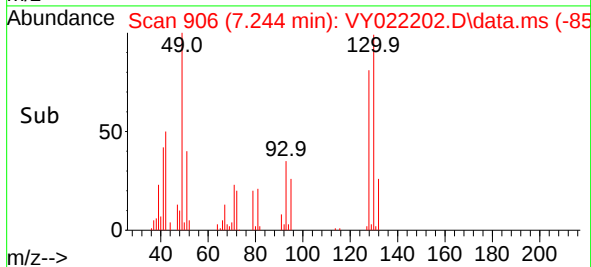
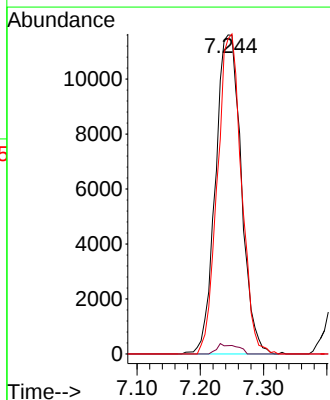
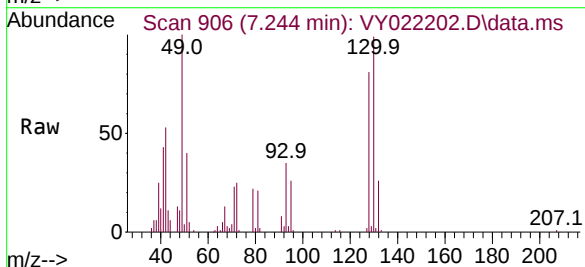
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

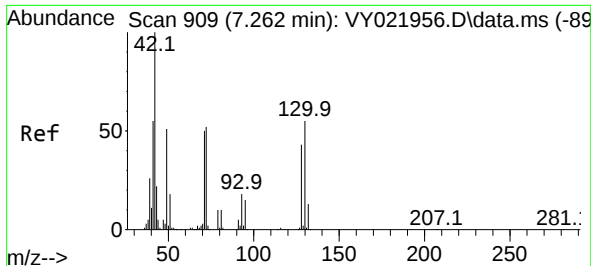
Tgt Ion: 96 Resp: 55229
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 251.4
 98 63.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 21.494 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

Tgt Ion: 49 Resp: 32716
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 93.3 78.2 117.4

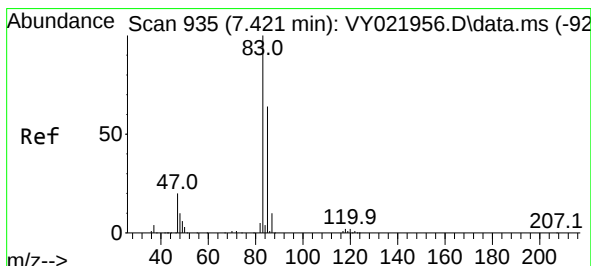
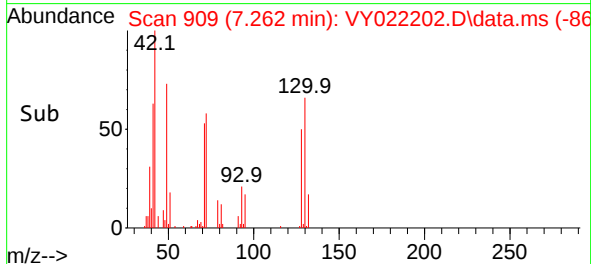
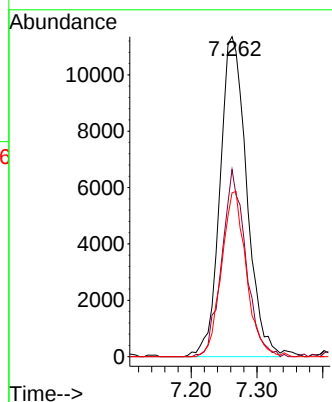
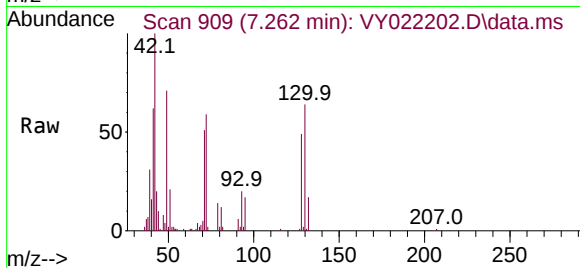




#29
Tetrahydrofuran
Concen: 106.791 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

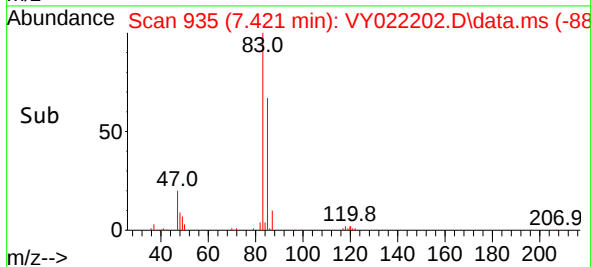
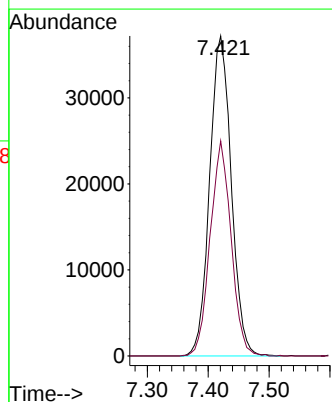
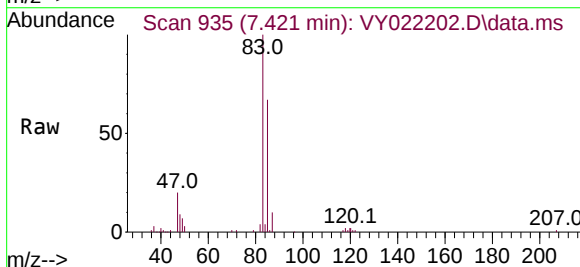
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion:	42	Resp:	32050
Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.6	63.8
71	47.9	40.6	61.0



#30
Chloroform
Concen: 21.109 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:	83	Resp:	91756
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.3	76.9

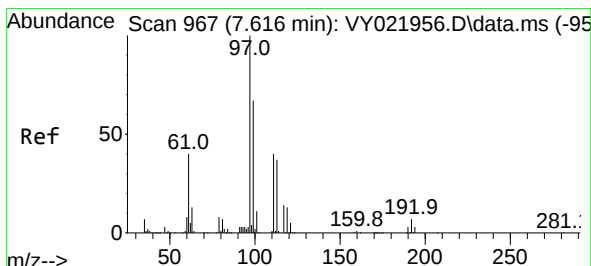
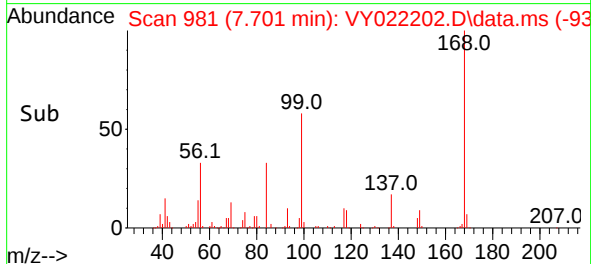
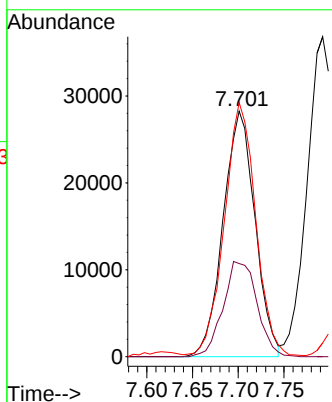
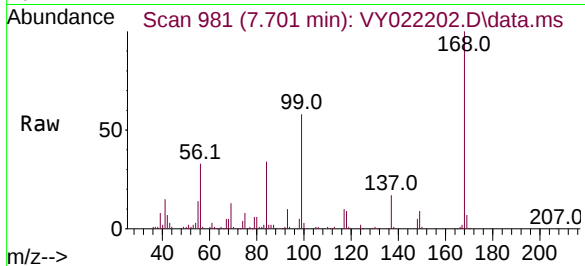




#31
Cyclohexane
Concen: 20.457 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

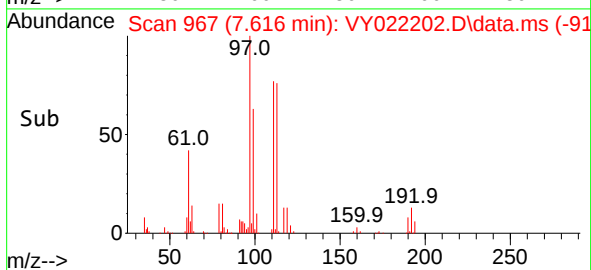
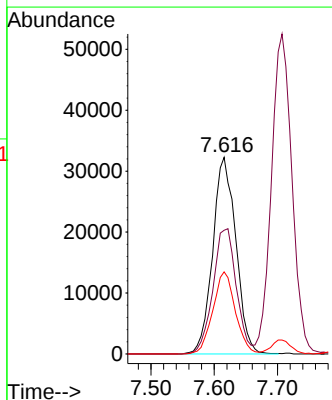
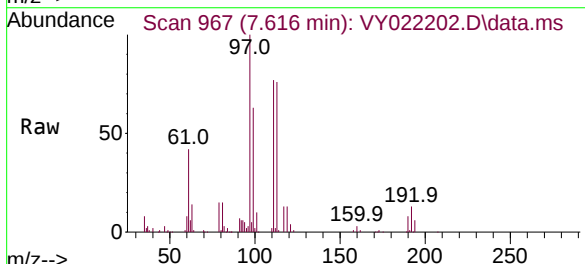
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 56 Resp: 68554
Ion Ratio Lower Upper
56 100
69 37.9 29.4 44.2
84 102.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.852 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 97 Resp: 82001
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 40.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.680 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

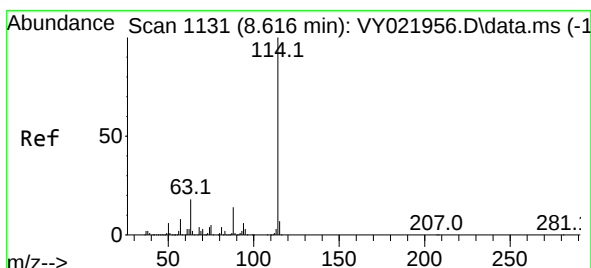
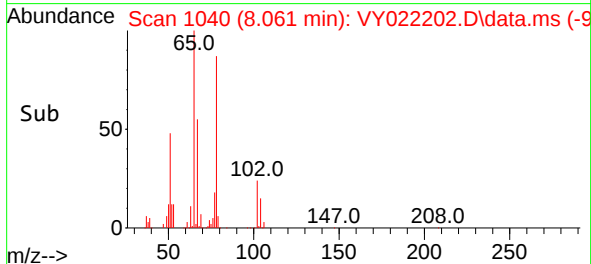
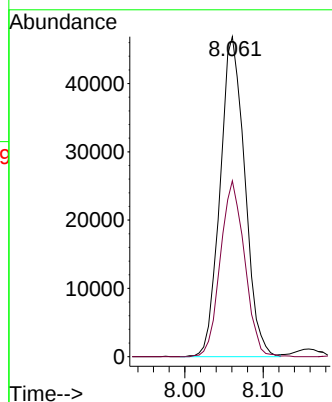
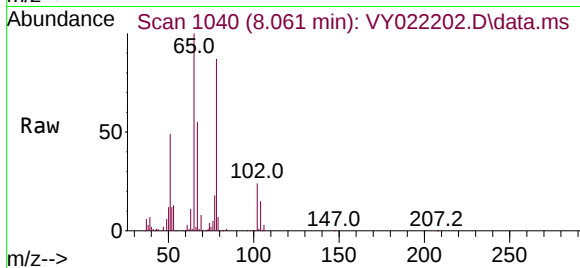
VY0508SBS01

Tgt Ion: 65 Resp: 102738

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

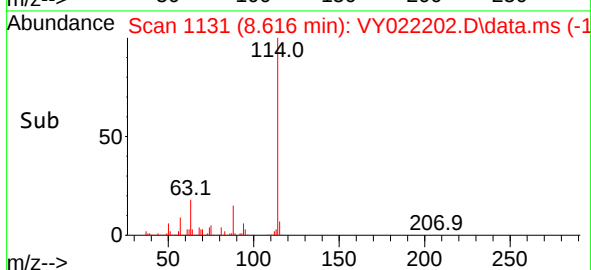
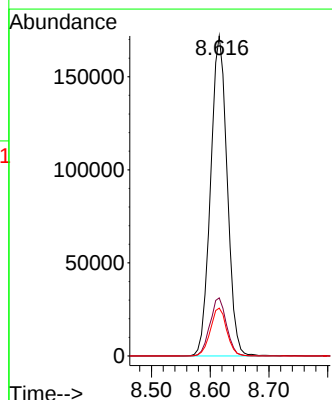
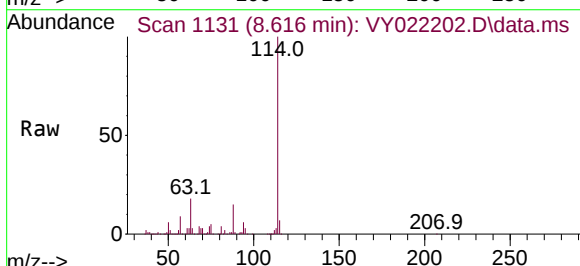
Tgt Ion: 114 Resp: 336845

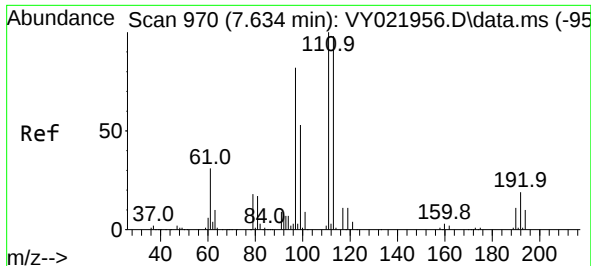
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

88 14.9 0.0 28.2

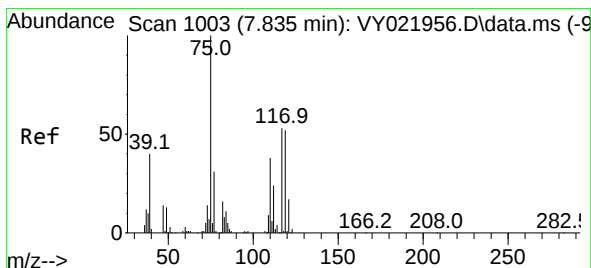
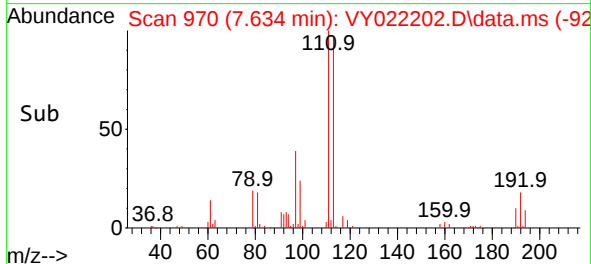
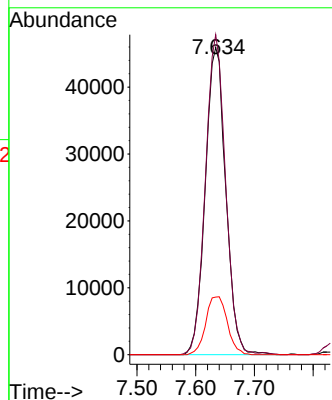
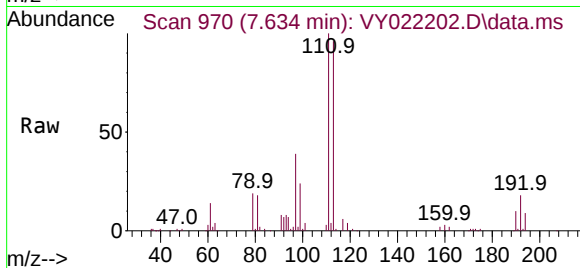




#35
Dibromofluoromethane
Concen: 50.071 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

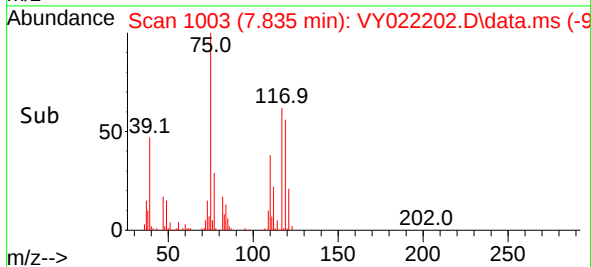
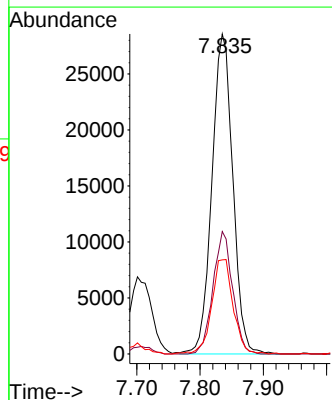
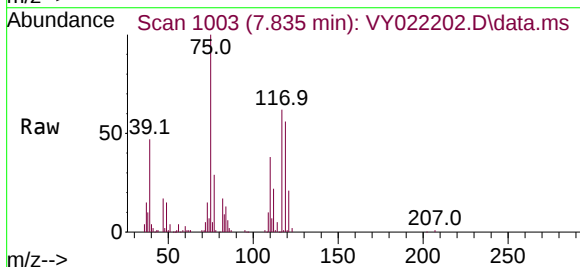
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

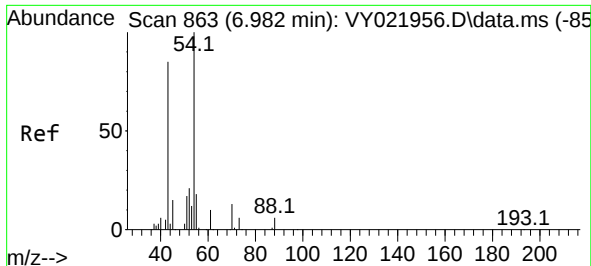
Tgt Ion:113 Resp: 111426
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 21.886 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 75 Resp: 65424
Ion Ratio Lower Upper
75 100
110 35.9 19.1 57.3
77 30.3 25.5 38.3

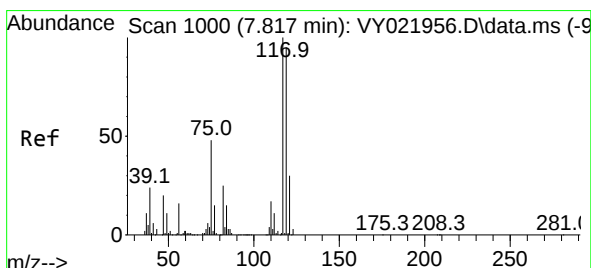
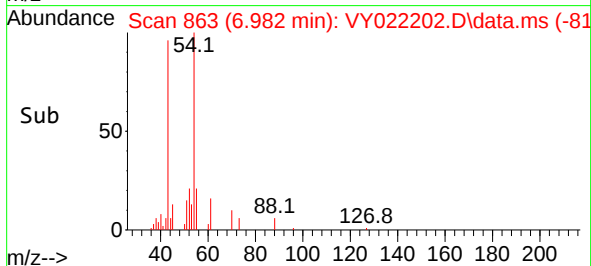
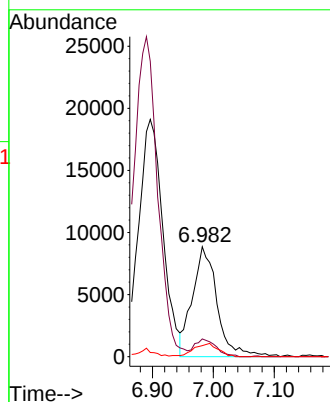
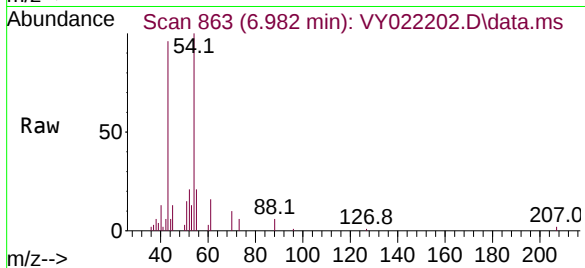




#37
Ethyl Acetate
Concen: 23.227 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

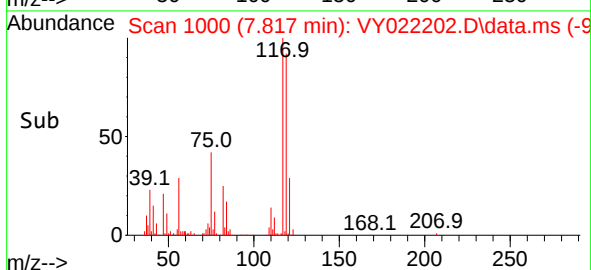
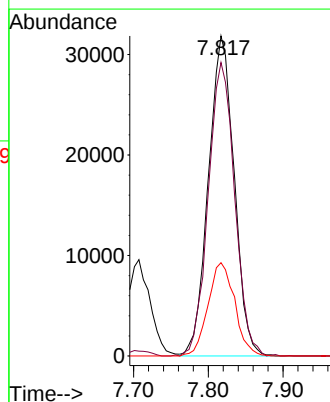
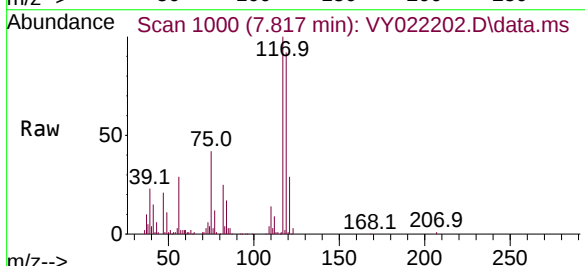
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

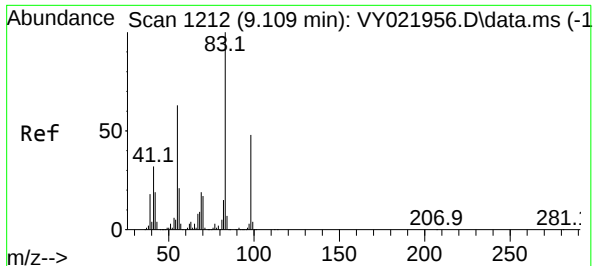
Tgt Ion:	43	Resp:	24937
Ion	Ratio	Lower	Upper
43	100		
61	14.0	13.8	20.6
70	11.9	9.2	13.8



#38
Carbon Tetrachloride
Concen: 21.414 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:	117	Resp:	76491
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.2	114.4
121	29.1	24.0	36.0





#39

Methylcyclohexane

Concen: 20.007 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

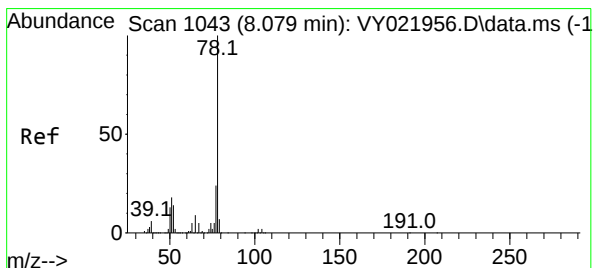
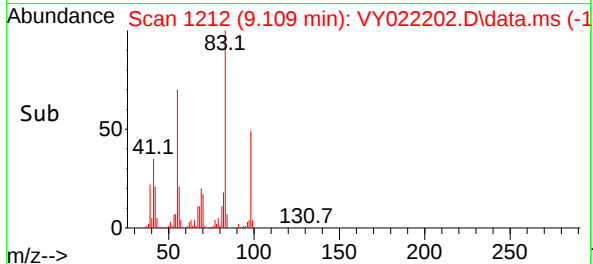
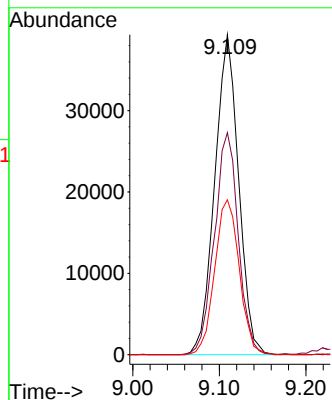
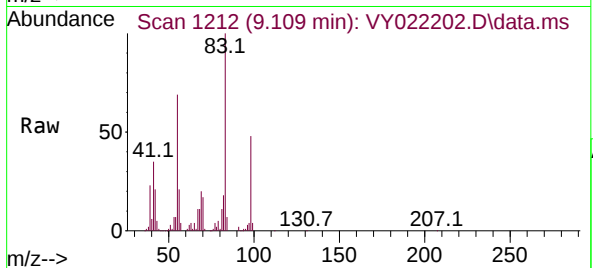
Tgt Ion: 83 Resp: 75264

Ion Ratio Lower Upper

83 100

55 69.4 50.6 75.8

98 48.4 38.6 58.0



#40

Benzene

Concen: 20.913 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022202.D

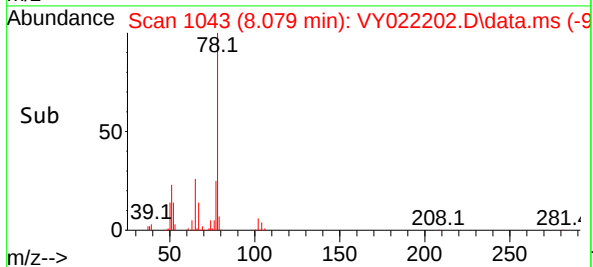
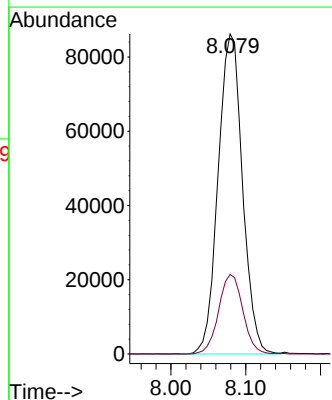
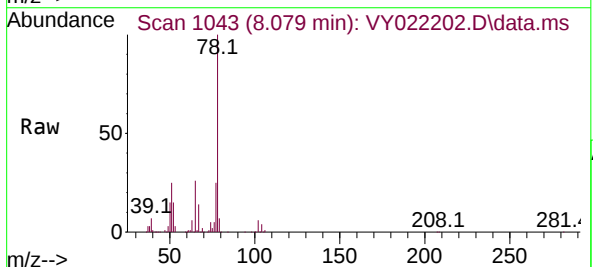
Acq: 08 May 2025 10:46

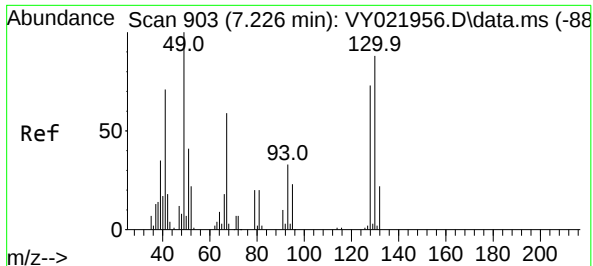
Tgt Ion: 78 Resp: 195421

Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9

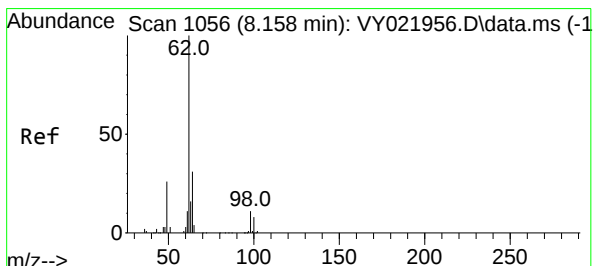
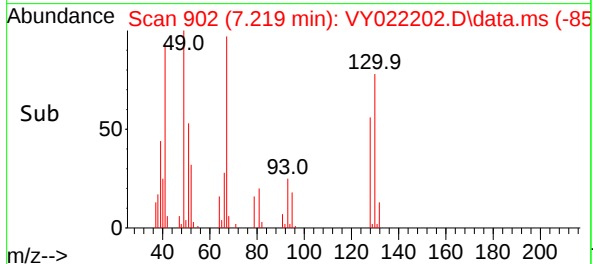
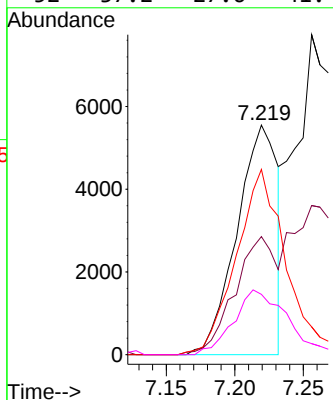
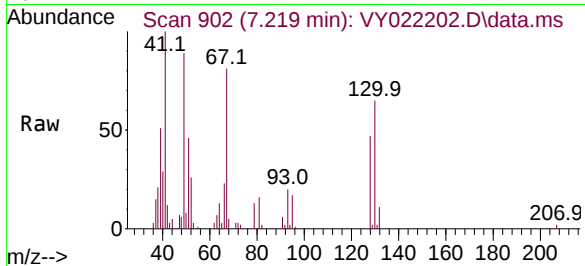




#41
Methacrylonitrile
Concen: 19.481 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

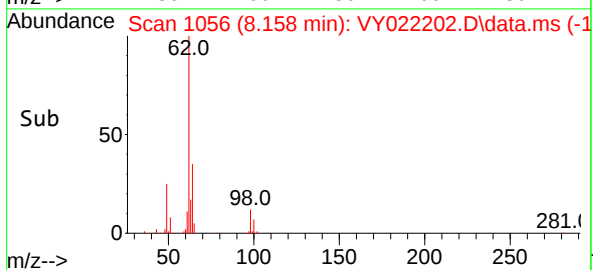
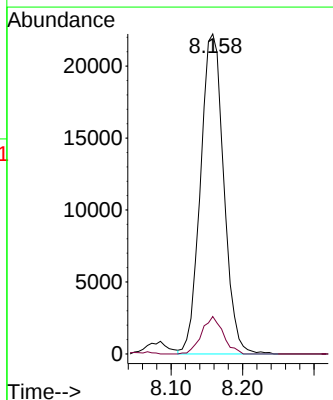
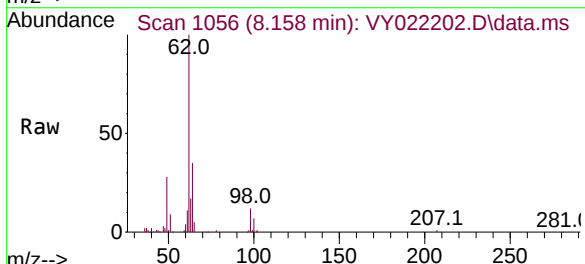
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

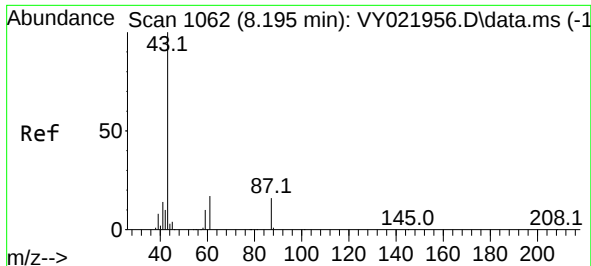
Tgt Ion:	41	Resp:	11433
Ion	Ratio	Lower	Upper
41	100		
39	52.8	36.6	55.0
67	98.8	72.2	108.4
52	37.2	27.6	41.4



#42
1,2-Dichloroethane
Concen: 21.714 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:	62	Resp:	50237
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

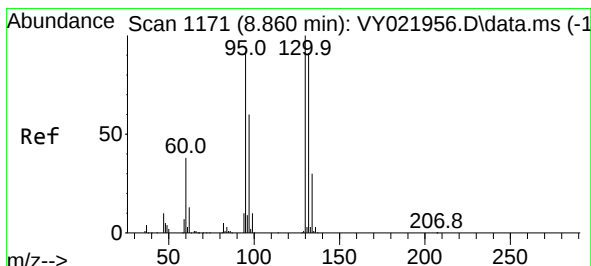
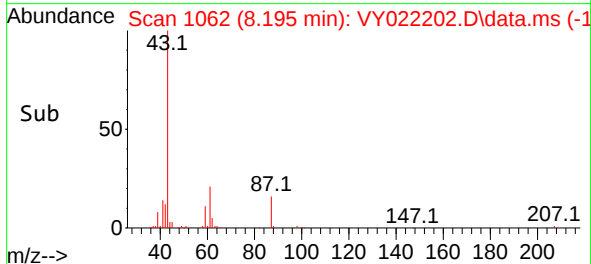
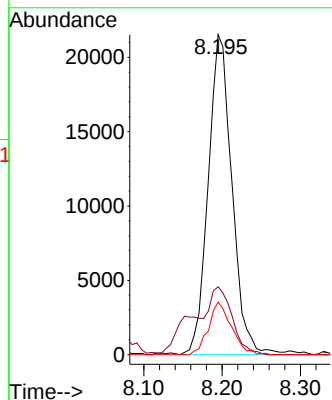
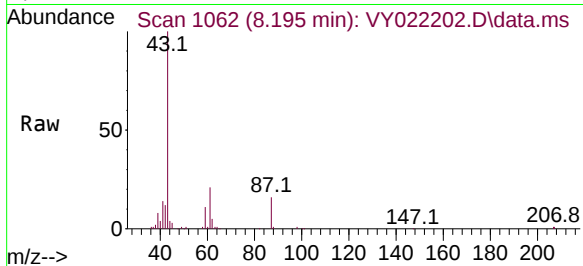




#43
Isopropyl Acetate
Concen: 21.987 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

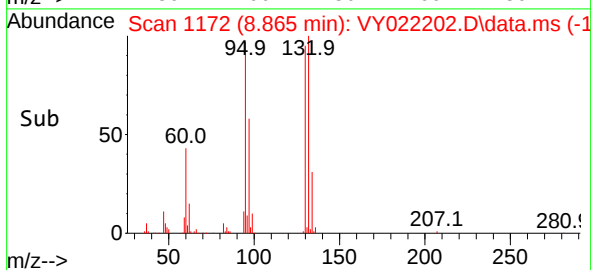
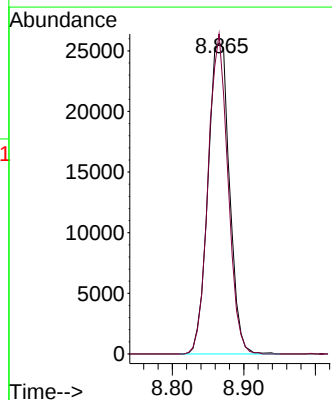
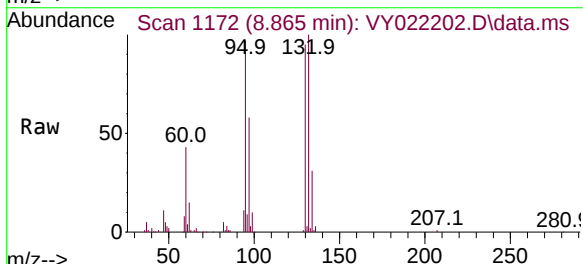
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 43 Resp: 45333
Ion Ratio Lower Upper
43 100
61 22.3 18.9 28.3
87 15.9 13.7 20.5



#44
Trichloroethene
Concen: 20.727 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:130 Resp: 53646
Ion Ratio Lower Upper
130 100
95 102.9 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.831 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

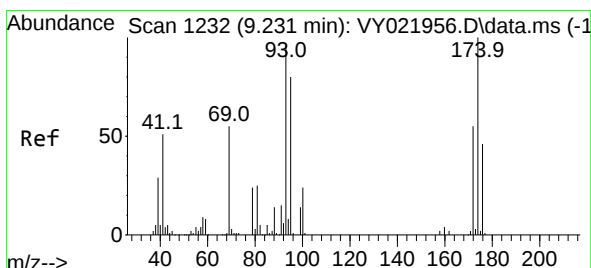
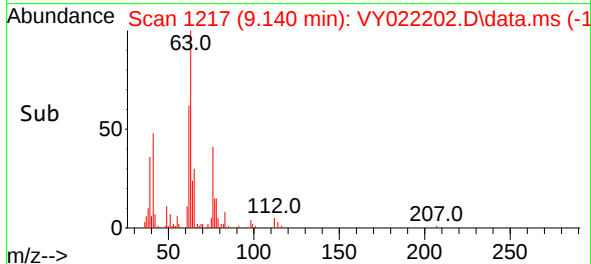
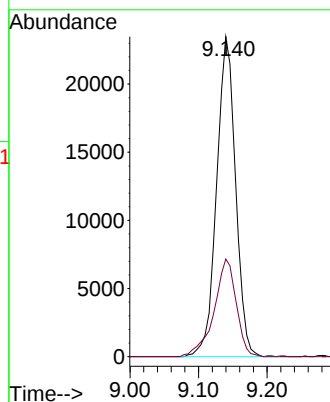
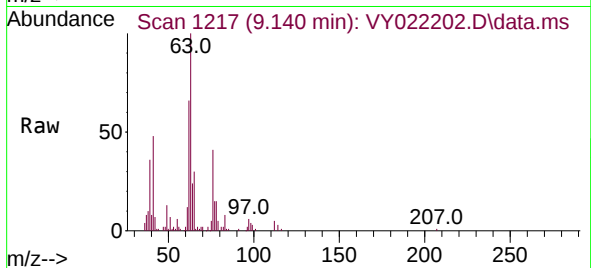
VY0508SBSD01

Tgt Ion: 63 Resp: 45113

Ion Ratio Lower Upper

63 100

65 30.5 25.2 37.8



#46

Dibromomethane

Concen: 20.828 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

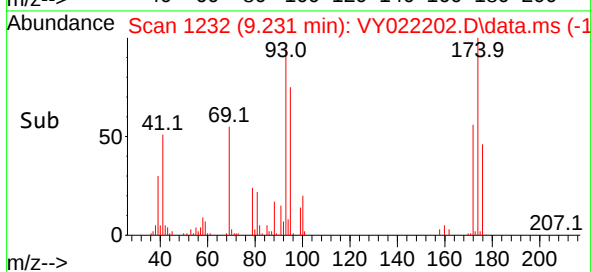
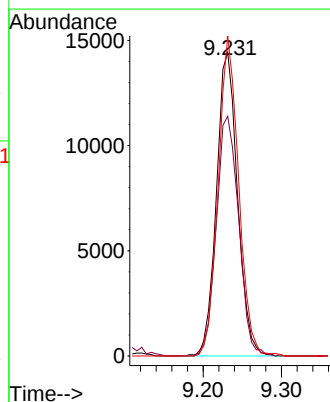
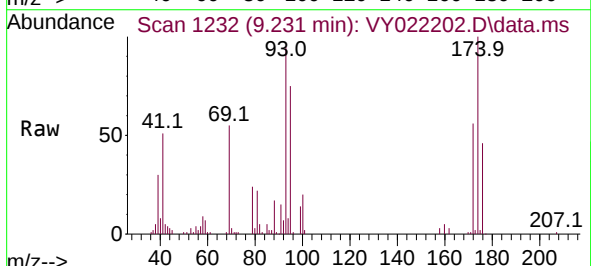
Tgt Ion: 93 Resp: 26943

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 102.6 84.6 127.0

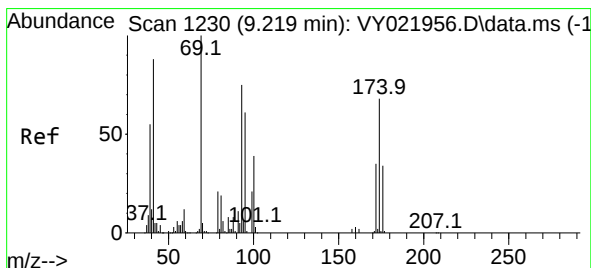
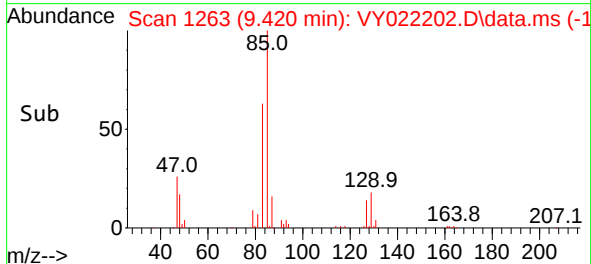
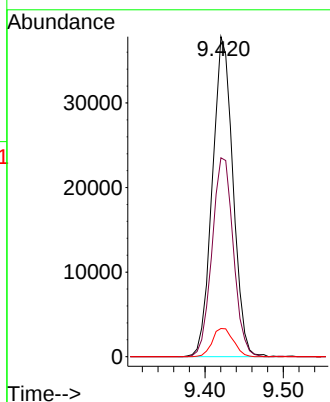
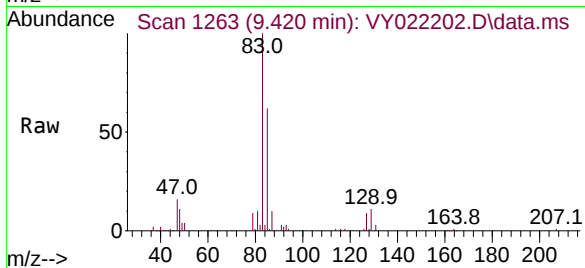




#47
Bromodichloromethane
Concen: 21.425 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

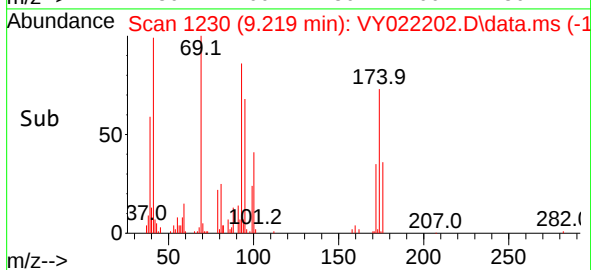
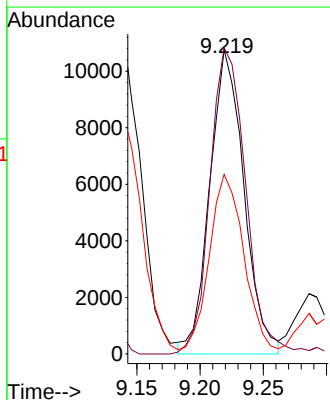
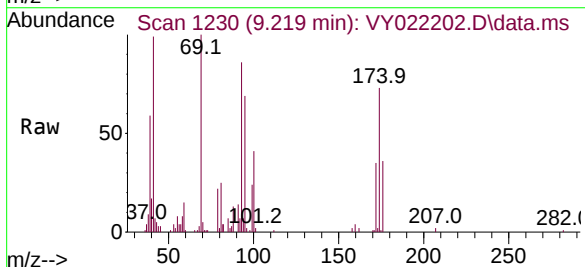
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

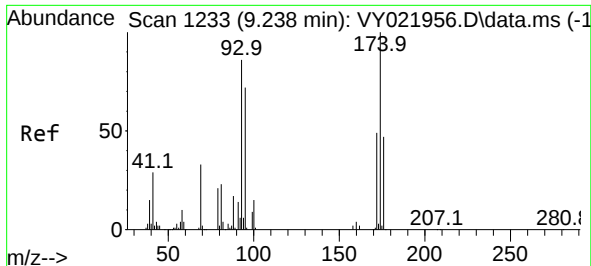
Tgt Ion:	83	Resp:	69237
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	8.8	7.0	10.6



#48
Methyl methacrylate
Concen: 21.168 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:	41	Resp:	20176
Ion	Ratio	Lower	Upper
41	100		
69	105.7	85.5	128.3
39	57.6	46.2	69.4





#49

1,4-Dioxane

Concen: 441.197 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBSD01

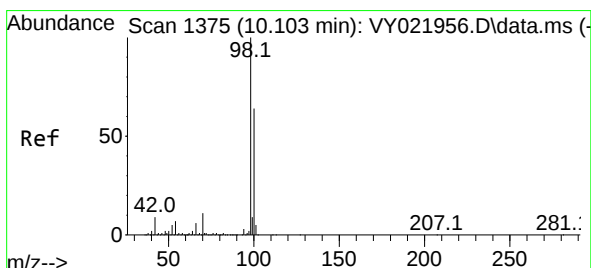
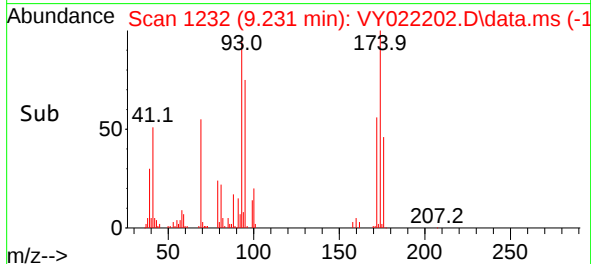
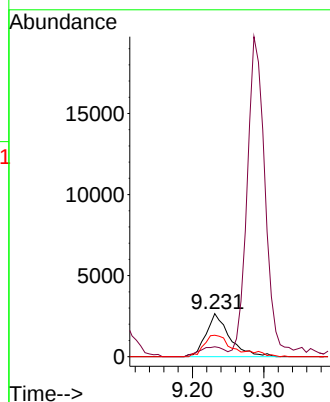
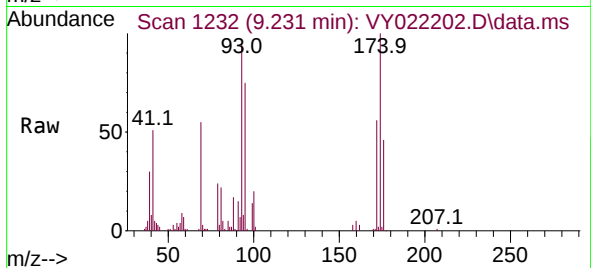
Tgt Ion: 88 Resp: 6083

Ion Ratio Lower Upper

88 100

43 24.6 21.3 31.9

58 54.6 50.5 75.7



#50

Toluene-d8

Concen: 50.505 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022202.D

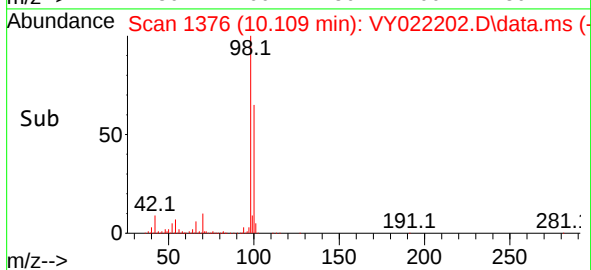
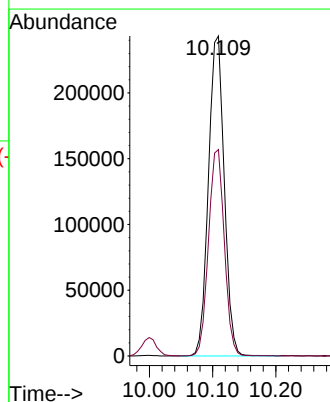
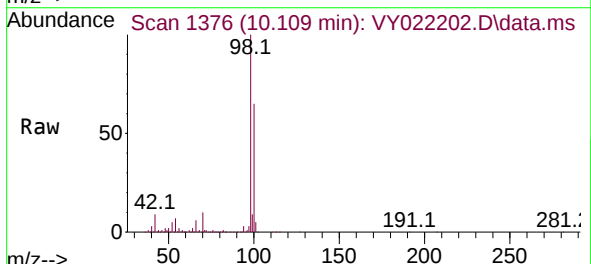
Acq: 08 May 2025 10:46

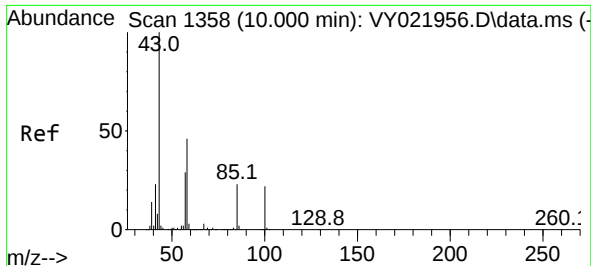
Tgt Ion: 98 Resp: 423719

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

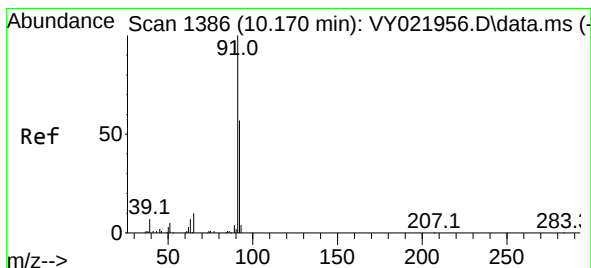
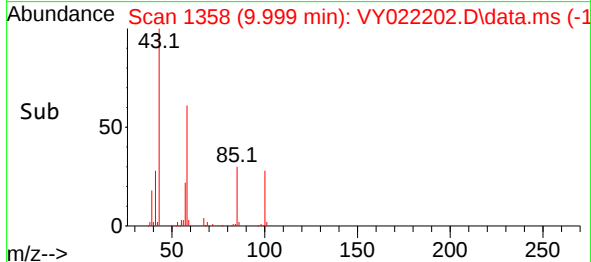
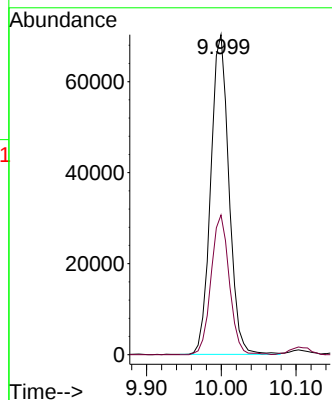
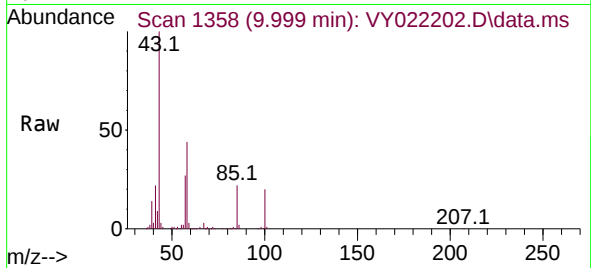




#51
4-Methyl-2-Pentanone
Concen: 110.142 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

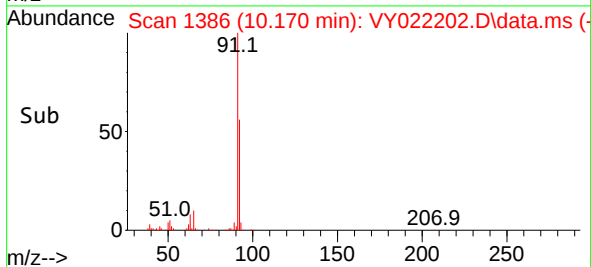
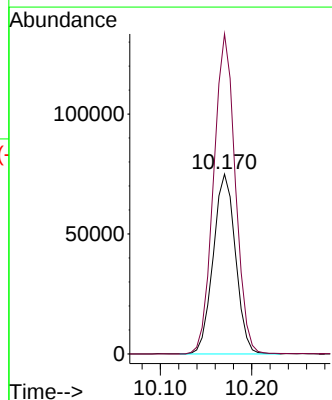
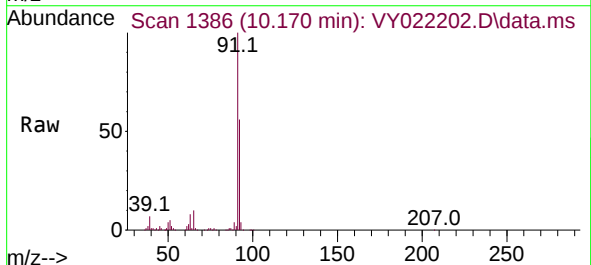
Instrument : MSVOA_Y
ClientSampleId : VY0508SBS01

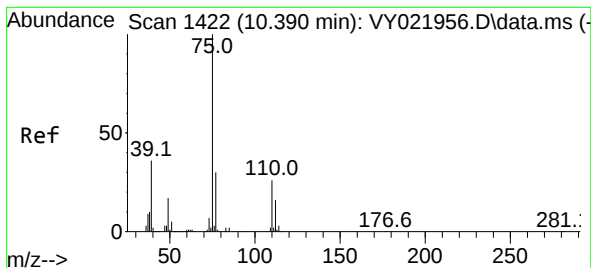
Tgt Ion: 43 Resp: 119042
Ion Ratio Lower Upper
43 100
58 43.8 36.6 55.0



#52
Toluene
Concen: 20.966 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 92 Resp: 126816
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8

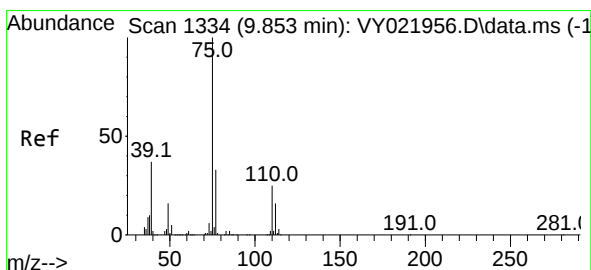
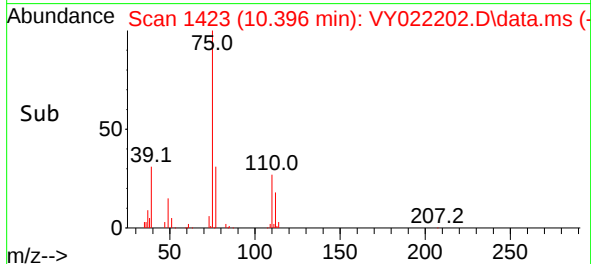
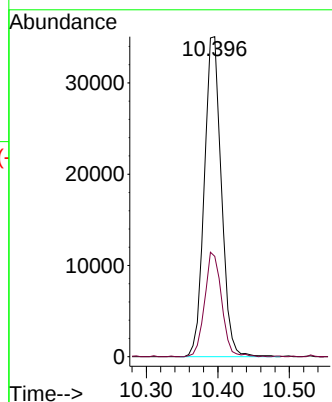
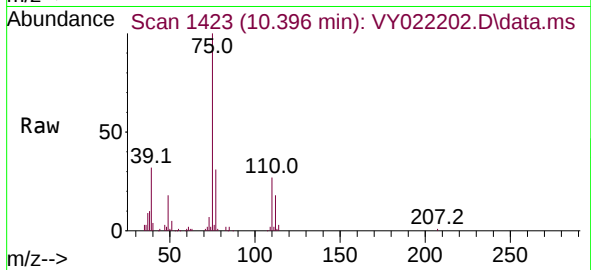




#53
 t-1,3-Dichloropropene
 Concen: 20.956 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

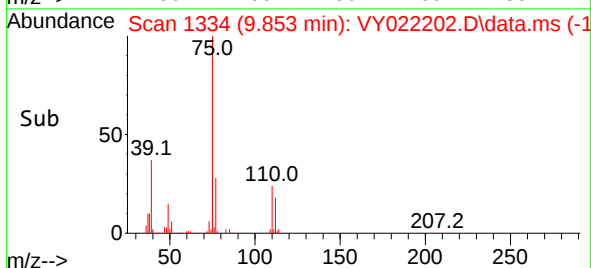
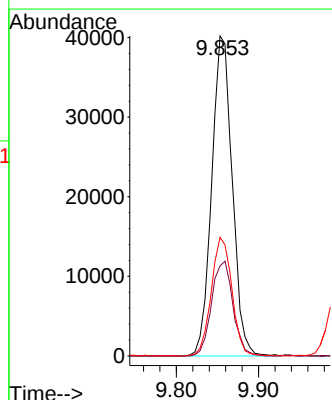
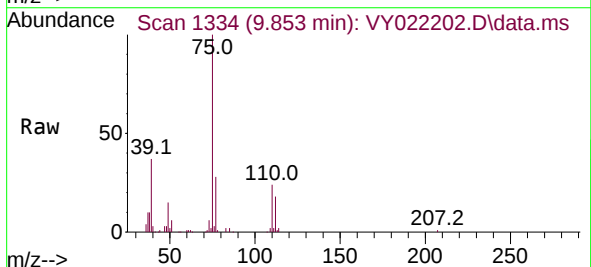
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

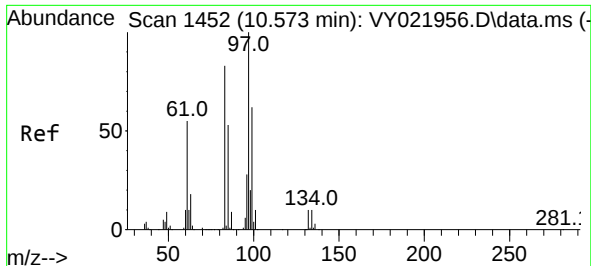
Tgt Ion: 75 Resp: 58088
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.162 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

Tgt Ion: 75 Resp: 69728
 Ion Ratio Lower Upper
 75 100
 77 28.1 26.6 40.0
 39 37.0 29.6 44.4

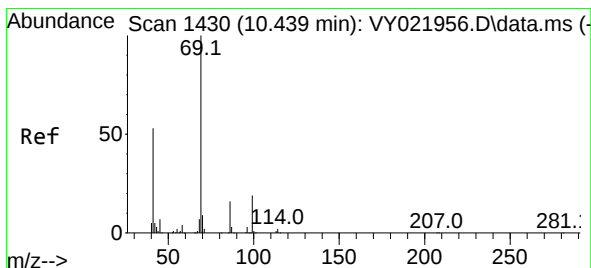
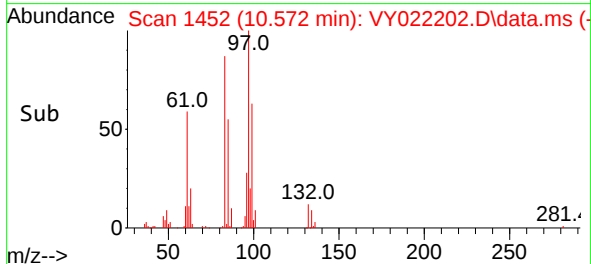
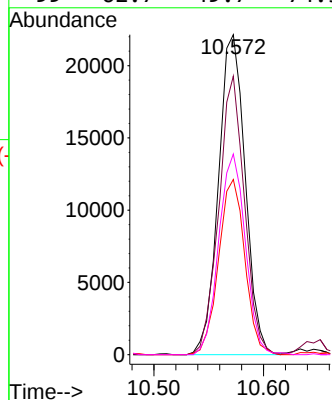
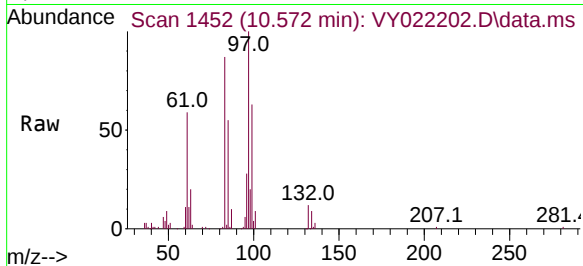




#55
1,1,2-Trichloroethane
Concen: 21.702 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

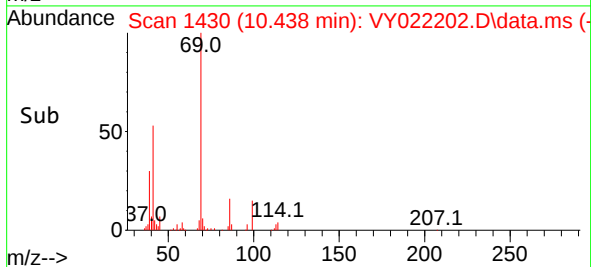
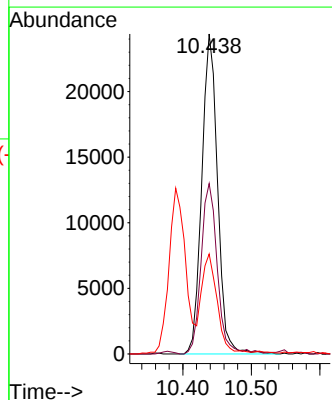
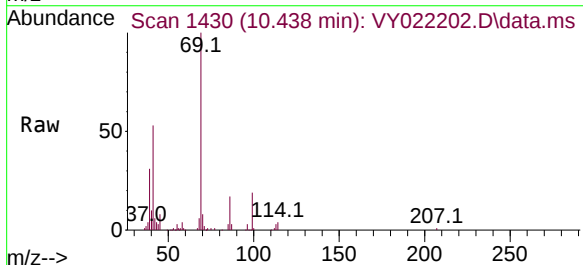
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

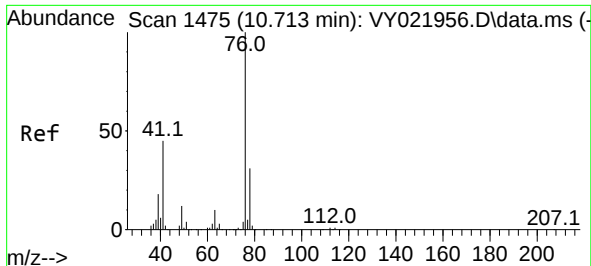
Tgt Ion:	97	Resp:	37499
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.7	100.1
85	54.7	42.6	64.0
99	62.7	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.809 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:	69	Resp:	39142
Ion	Ratio	Lower	Upper
69	100		
41	54.1	40.7	61.1
39	29.4	23.3	34.9





#57

1,3-Dichloropropane

Concen: 21.645 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

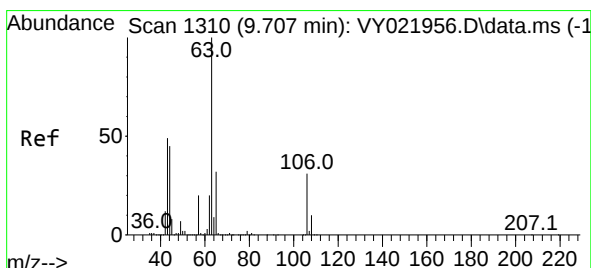
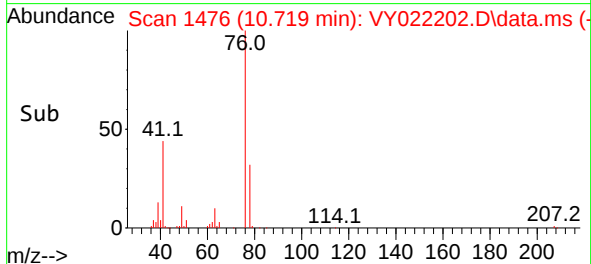
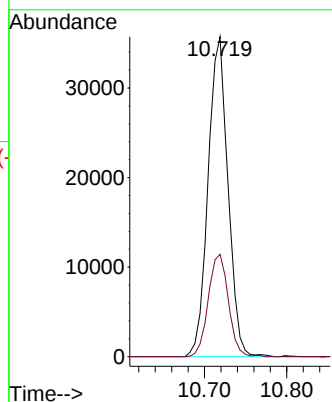
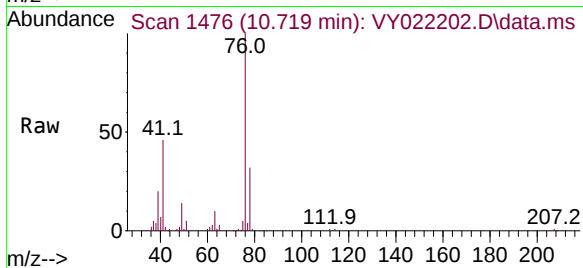
VY0508SBSD01

Tgt Ion: 76 Resp: 59958

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.906 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022202.D

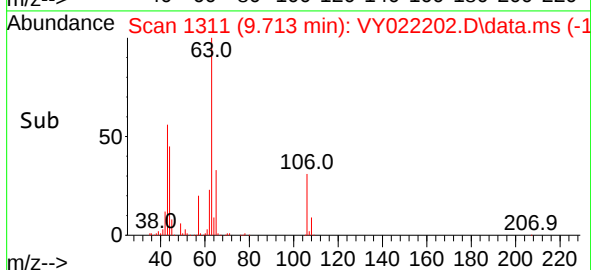
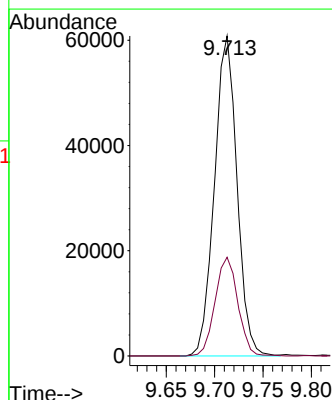
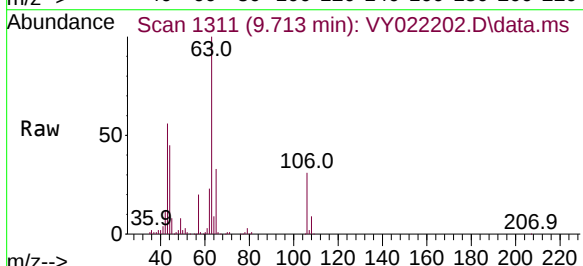
Acq: 08 May 2025 10:46

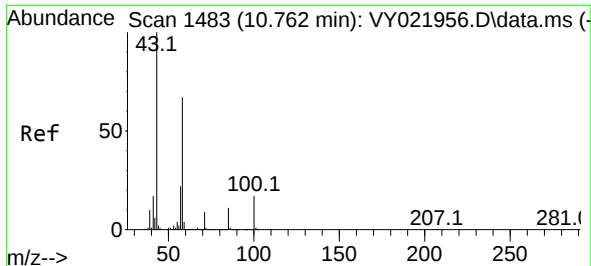
Tgt Ion: 63 Resp: 98454

Ion Ratio Lower Upper

63 100

106 31.1 25.3 37.9

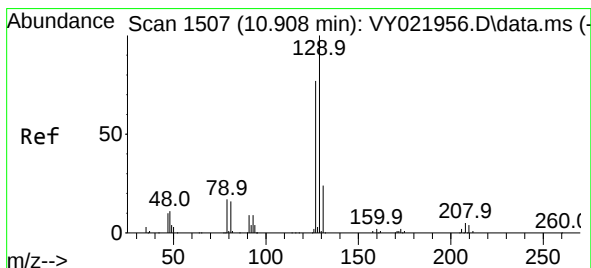
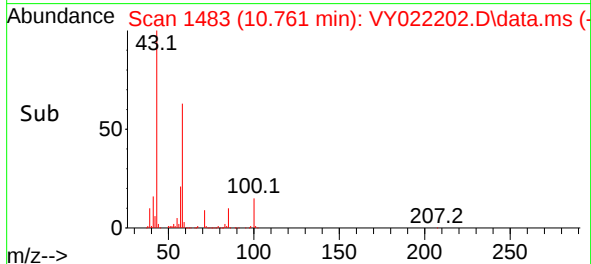
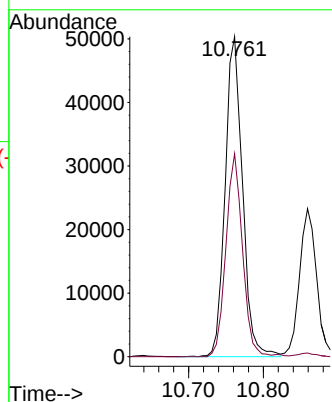
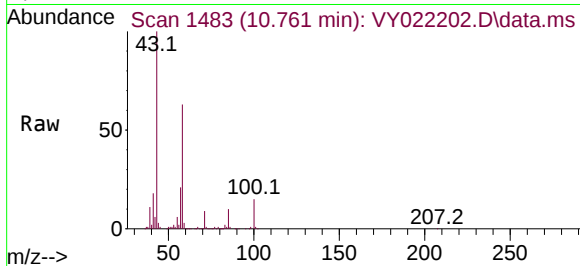




#59
2-Hexanone
Concen: 114.046 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

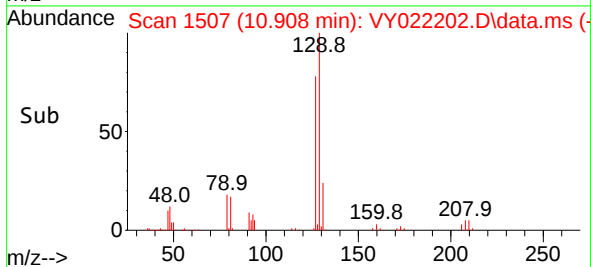
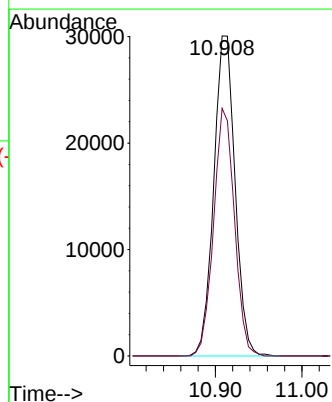
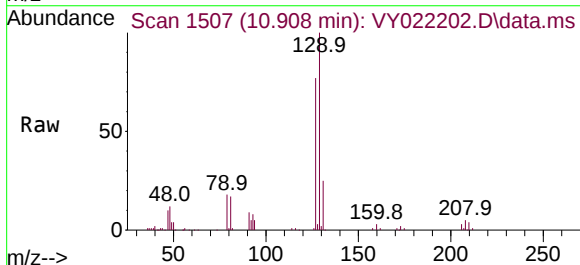
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

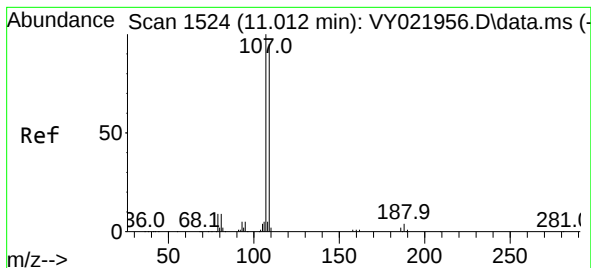
Tgt Ion: 43 Resp: 81301
Ion Ratio Lower Upper
43 100
58 60.9 32.0 96.0



#60
Dibromochloromethane
Concen: 21.501 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 129 Resp: 51436
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.3

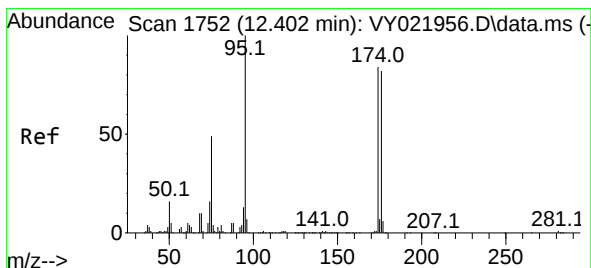
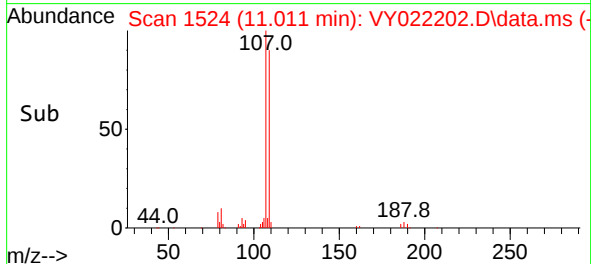
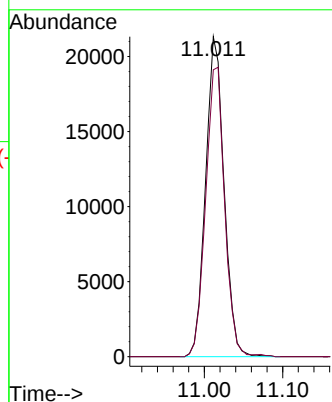
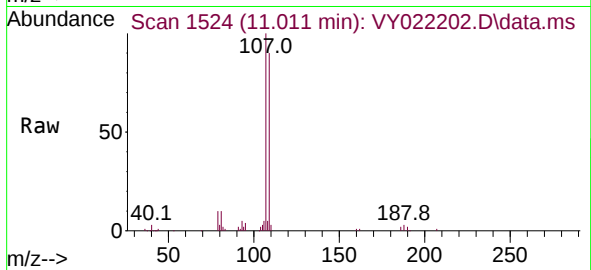




#61
1,2-Dibromoethane
Concen: 21.369 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

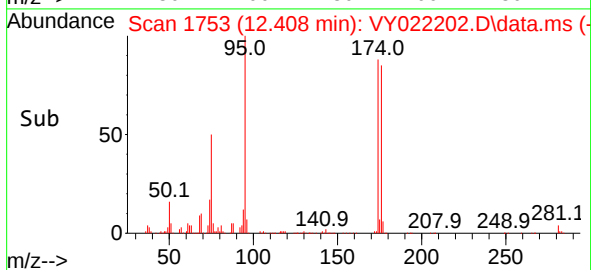
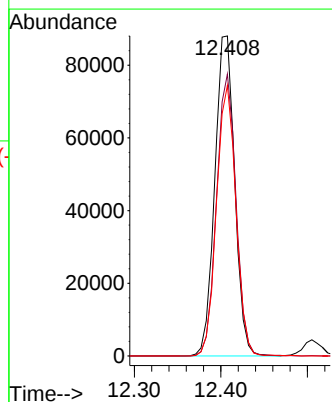
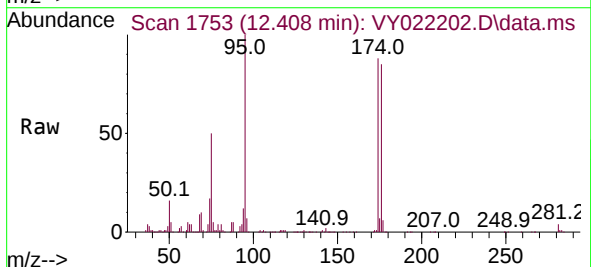
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

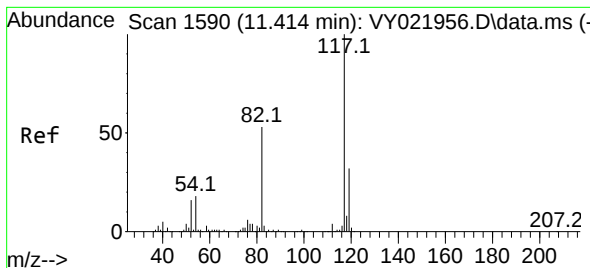
Tgt Ion:107 Resp: 34858
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.704 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 95 Resp: 140380
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.0
176 82.5 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBSD01

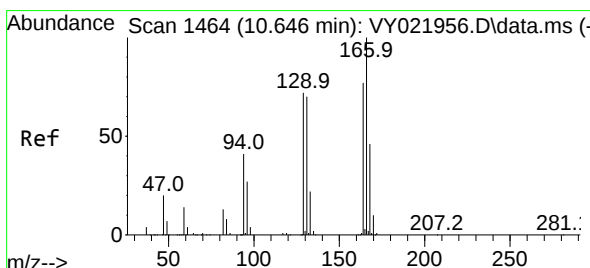
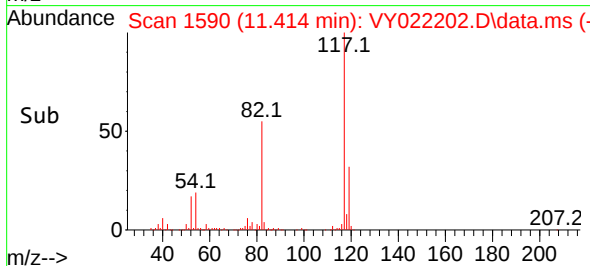
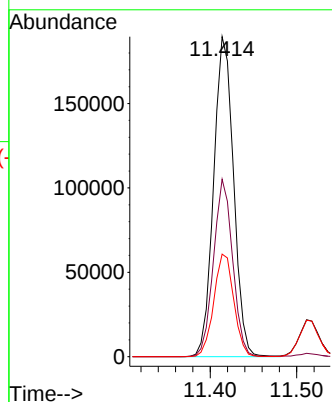
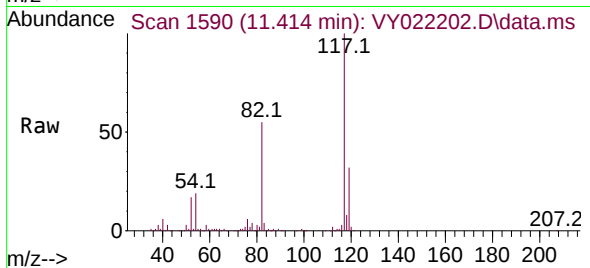
Tgt Ion:117 Resp: 303164

Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 20.998 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Tgt Ion:164 Resp: 60053

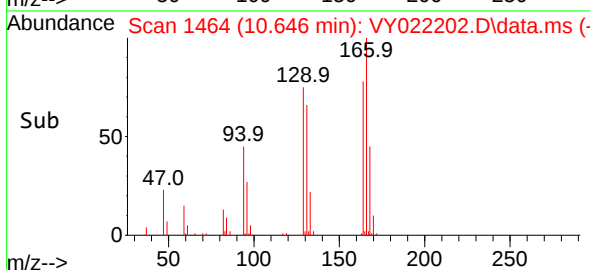
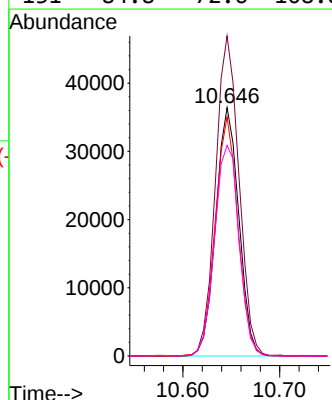
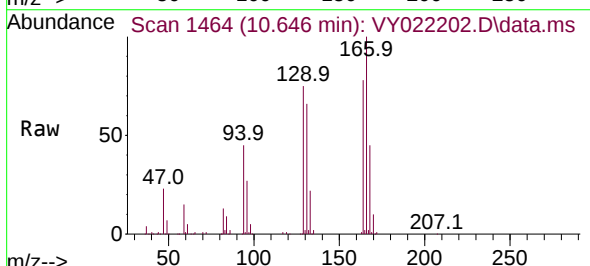
Ion Ratio Lower Upper

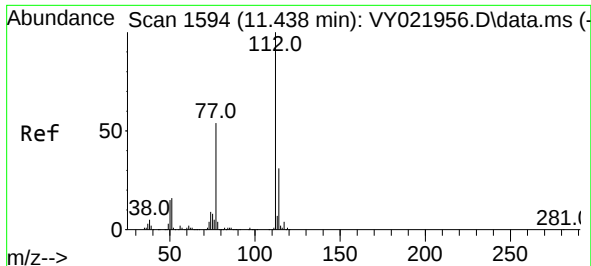
164 100

166 128.9 103.6 155.4

129 96.2 74.2 111.4

131 84.8 72.6 108.8

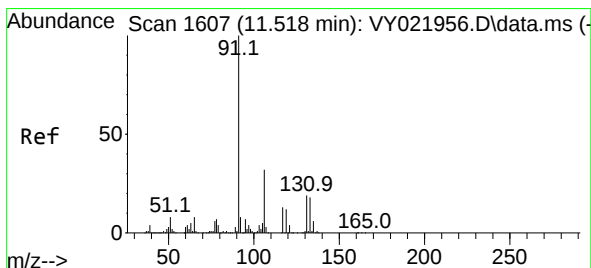
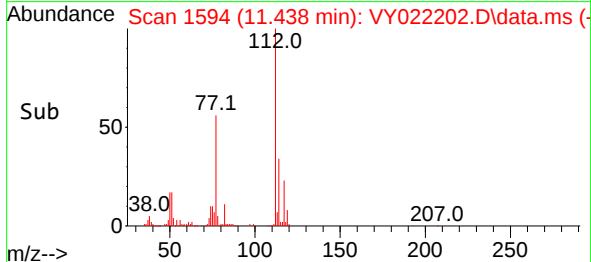
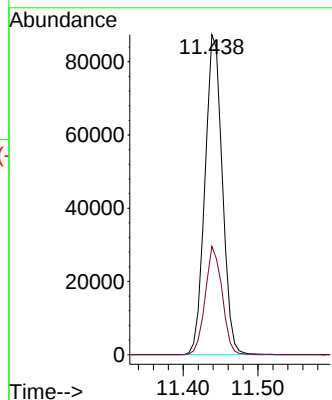
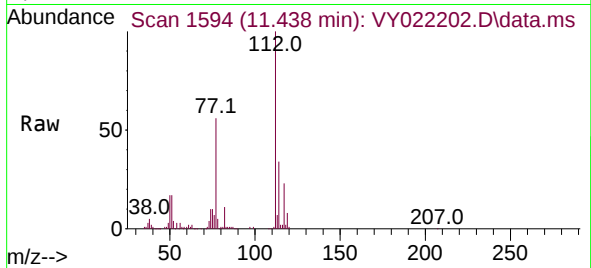




#65
Chlorobenzene
Concen: 20.771 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

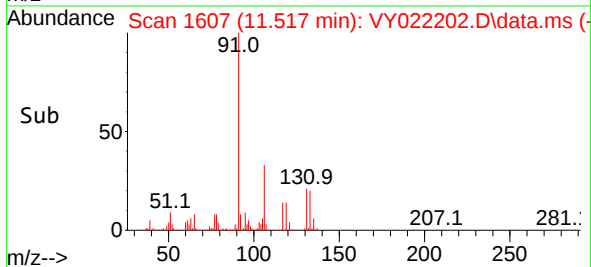
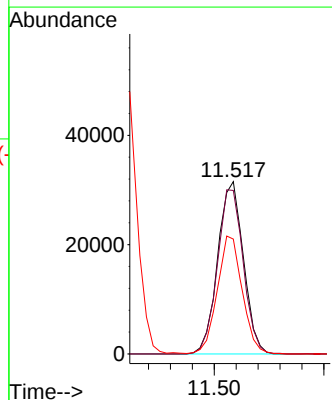
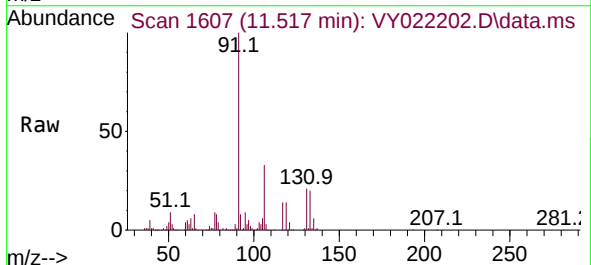
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

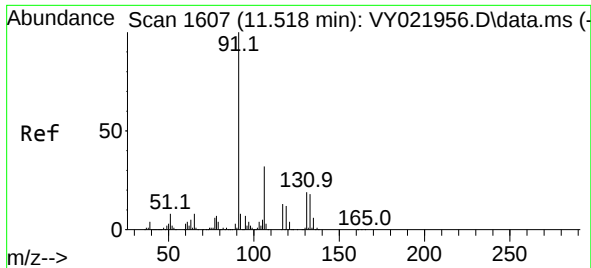
Tgt Ion:112 Resp: 140819
Ion Ratio Lower Upper
112 100
114 33.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.489 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:131 Resp: 51290
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 66.8 32.4 97.0

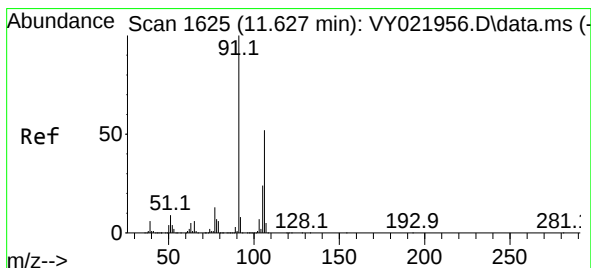
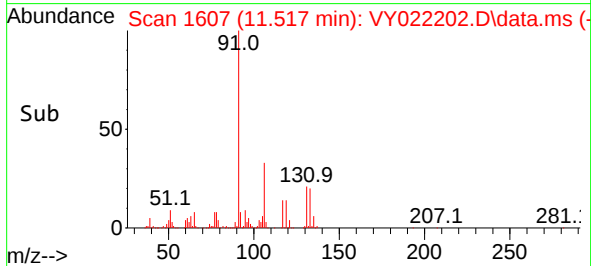
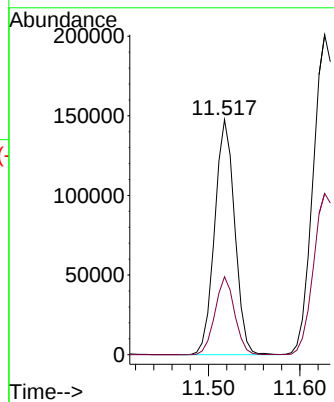
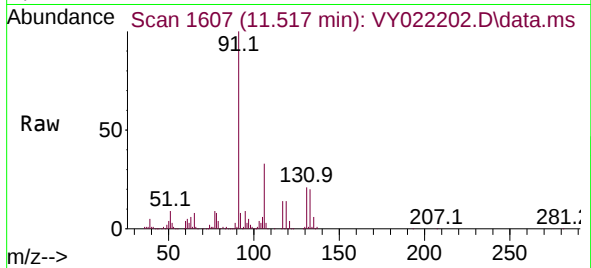




#67
Ethyl Benzene
Concen: 20.258 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

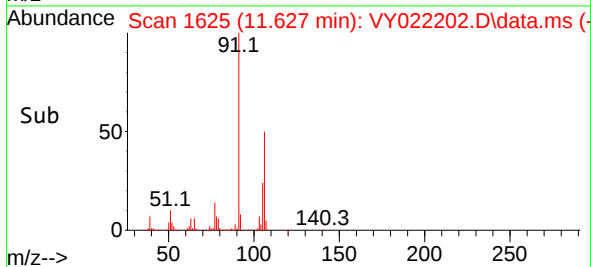
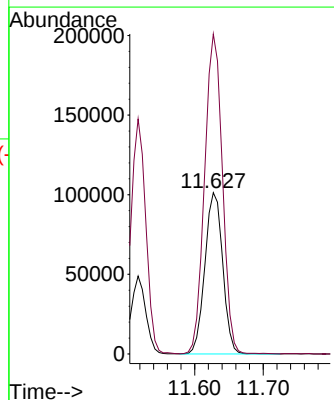
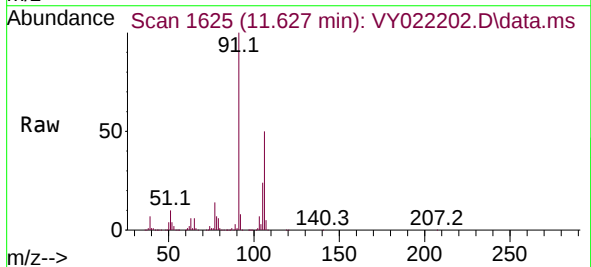
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

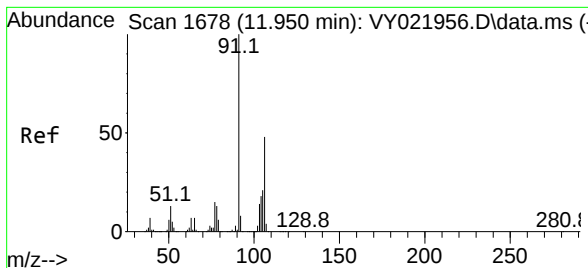
Tgt Ion: 91 Resp: 224660
Ion Ratio Lower Upper
91 100
106 33.1 25.9 38.9



#68
m/p-Xylenes
Concen: 41.539 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:106 Resp: 183313
Ion Ratio Lower Upper
106 100
91 198.5 156.2 234.2

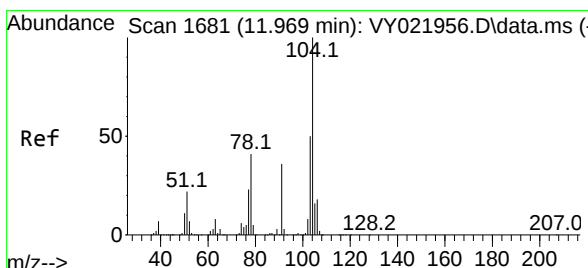
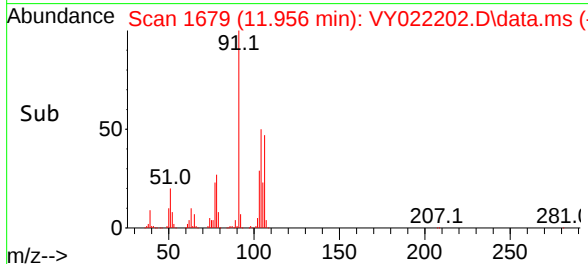
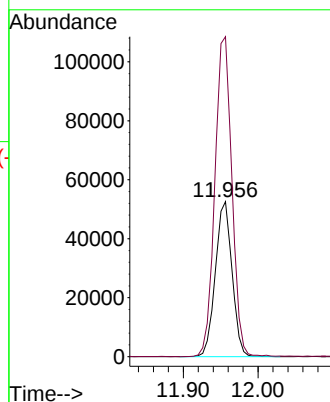
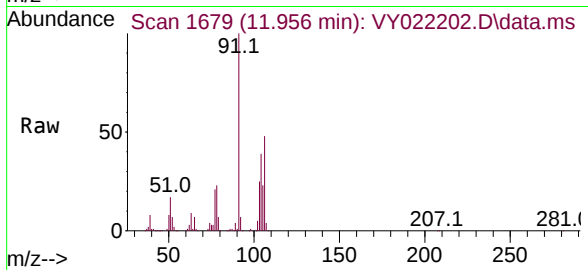




#69
o-Xylene
Concen: 20.095 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

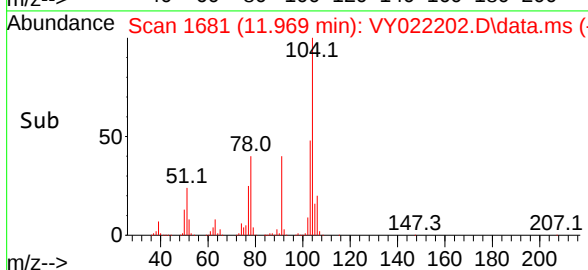
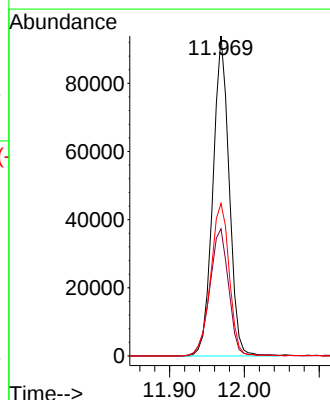
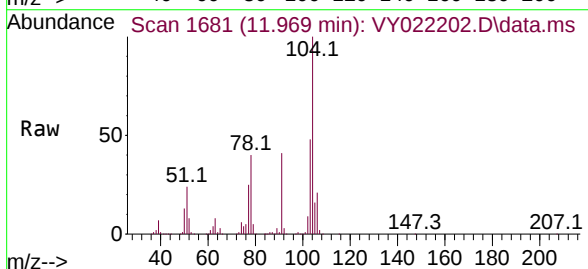
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

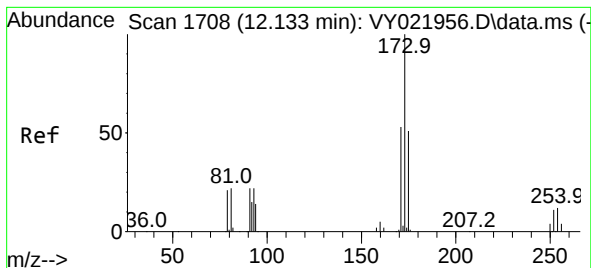
Tgt Ion:106 Resp: 81737
Ion Ratio Lower Upper
106 100
91 211.2 103.0 308.9



#70
Styrene
Concen: 20.802 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:104 Resp: 142065
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 54.3 43.8 65.8





#71

Bromoform

Concen: 21.649 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBSD01

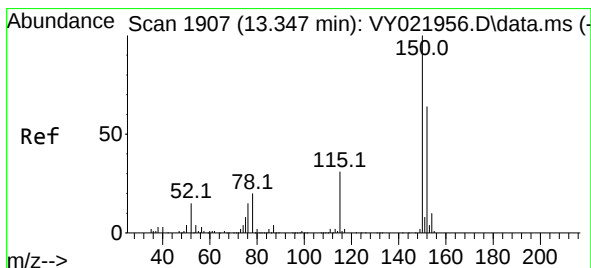
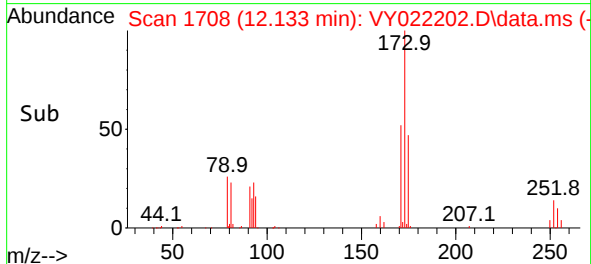
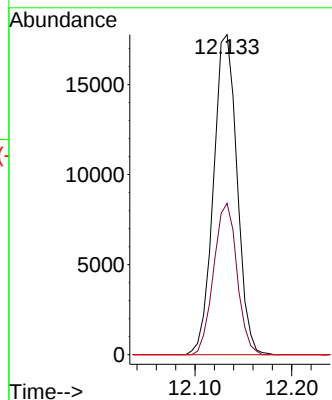
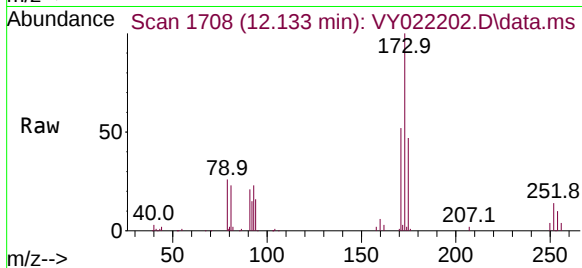
Tgt Ion:173 Resp: 30041

Ion Ratio Lower Upper

173 100

175 46.8 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

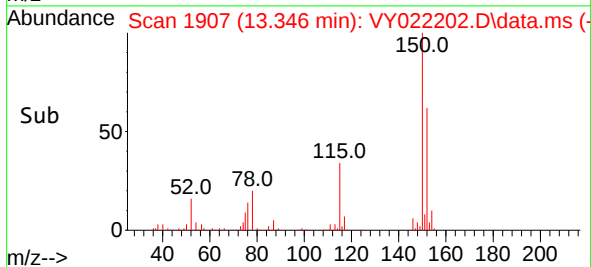
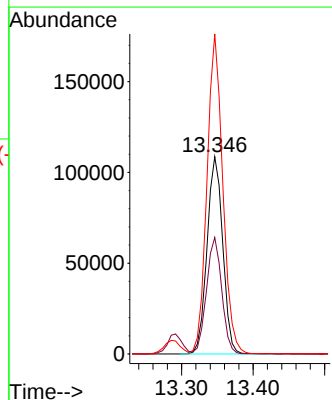
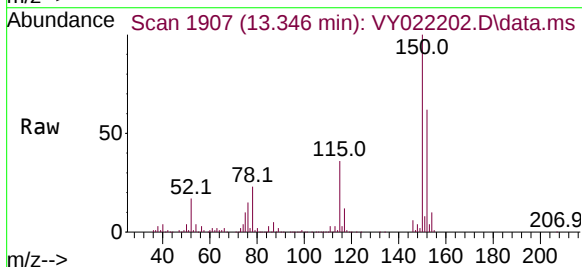
Tgt Ion:152 Resp: 165648

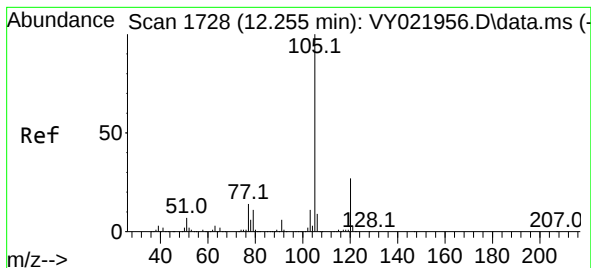
Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 163.4 0.0 345.6





#73

Isopropylbenzene

Concen: 19.689 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

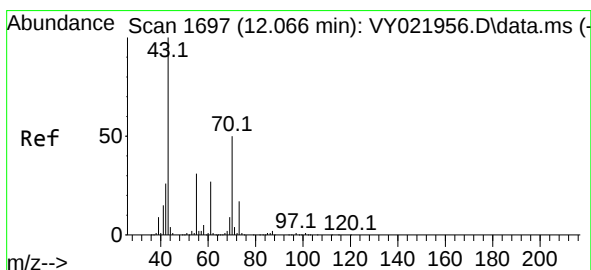
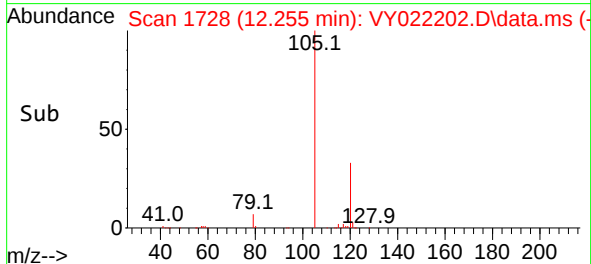
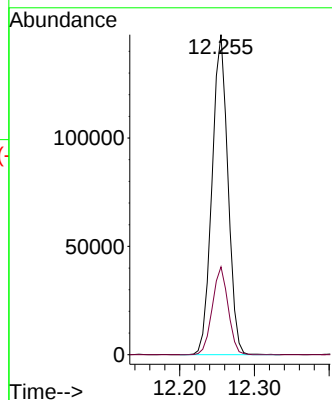
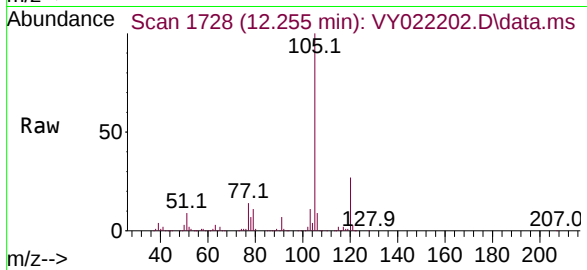
VY0508SBSD01

Tgt Ion:105 Resp: 217899

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 20.397 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Tgt Ion: 43 Resp: 38784

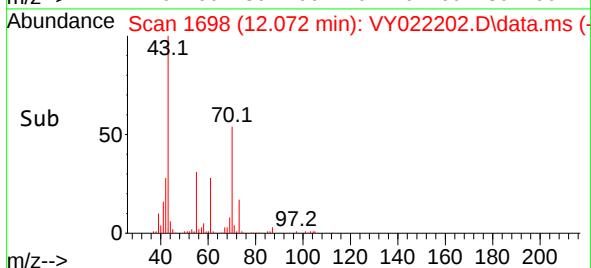
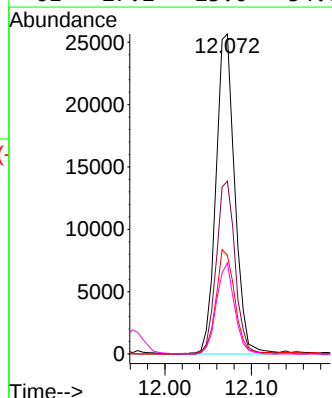
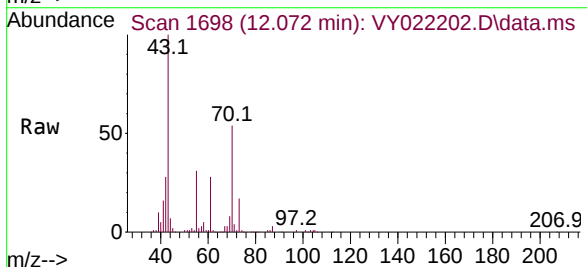
Ion Ratio Lower Upper

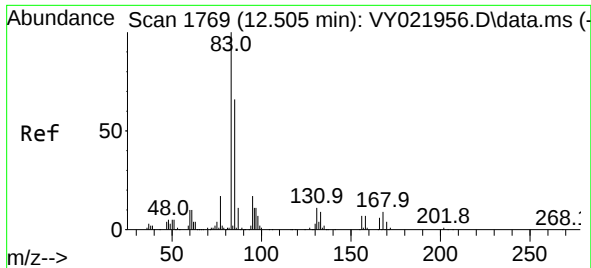
43 100

70 54.3 43.2 64.8

55 32.6 25.7 38.5

61 27.2 23.0 34.6

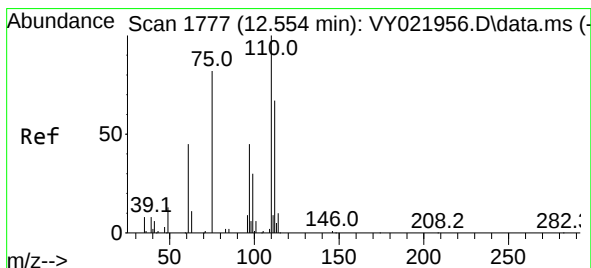
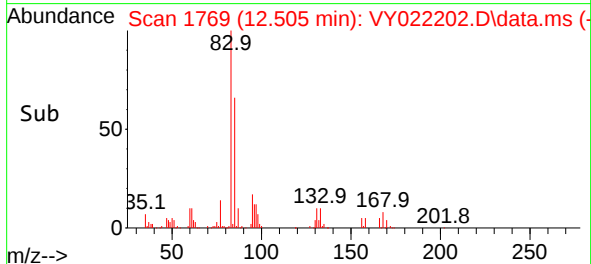
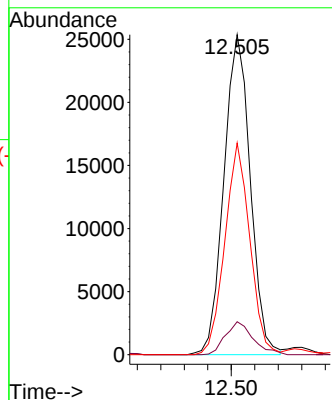
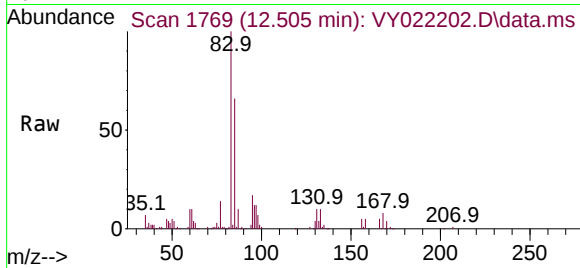




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.208 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

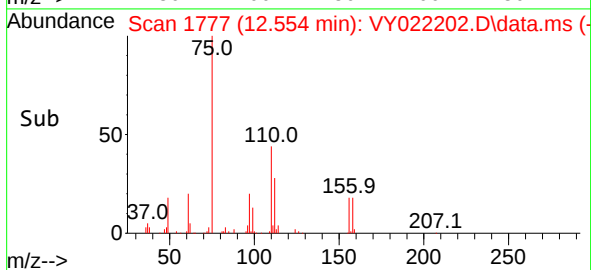
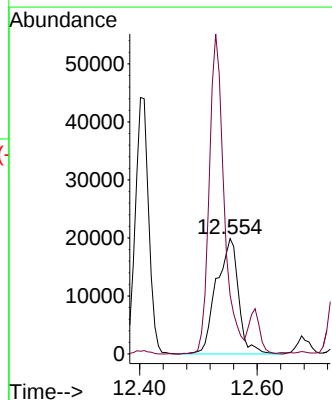
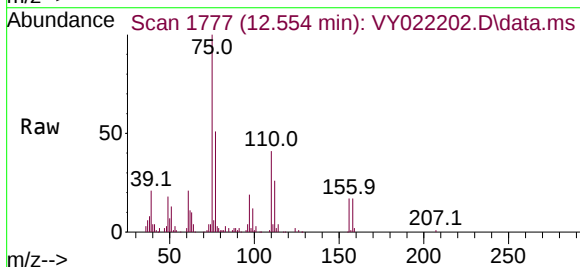
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

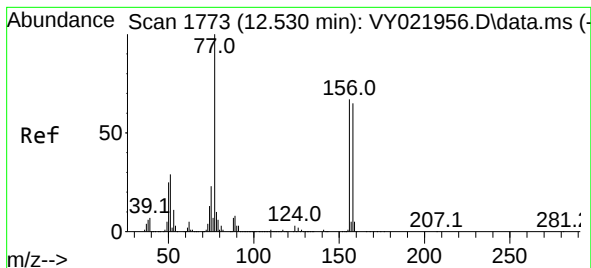
Tgt Ion: 83 Resp: 39572
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 62.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.605 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022202.D
 Acq: 08 May 2025 10:46

Tgt Ion: 75 Resp: 51937
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.254 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

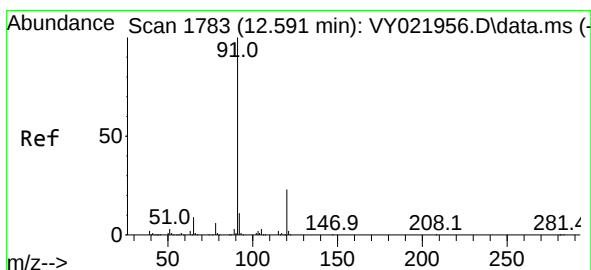
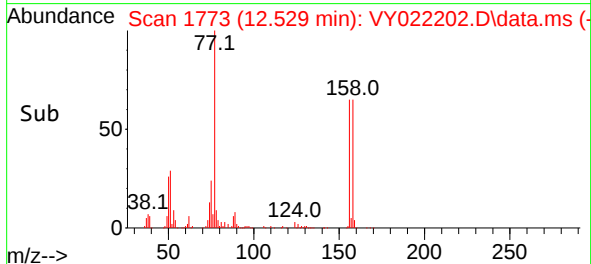
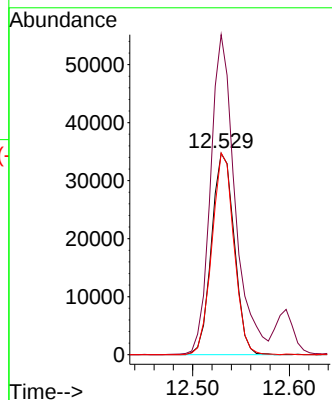
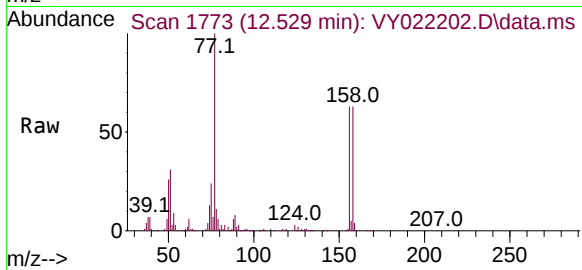
Tgt Ion:156 Resp: 56639

Ion Ratio Lower Upper

156 100

77 172.0 82.7 248.1

158 97.2 48.1 144.4



#78

n-propylbenzene

Concen: 20.636 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022202.D

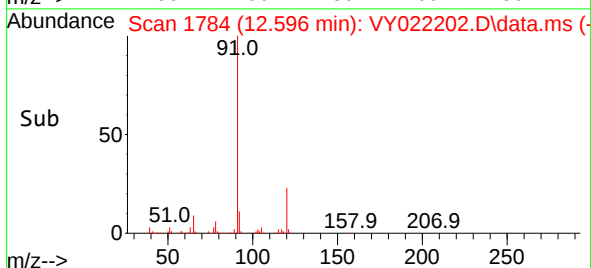
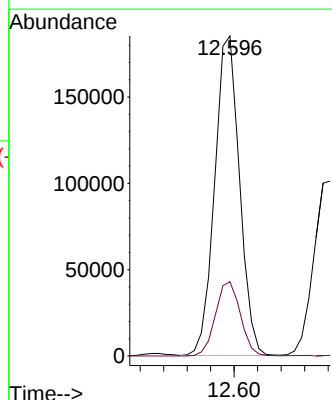
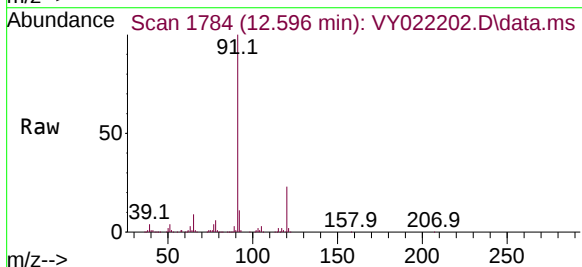
Acq: 08 May 2025 10:46

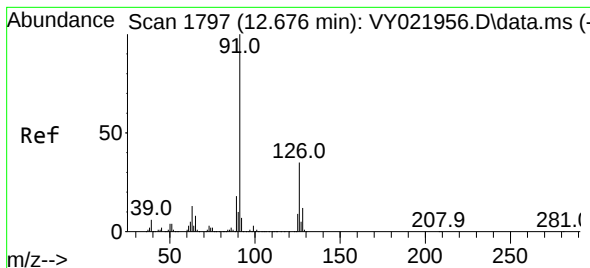
Tgt Ion: 91 Resp: 271979

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.445 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

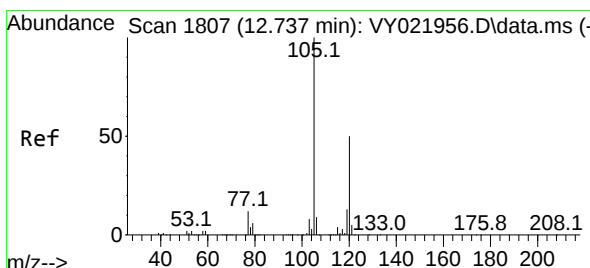
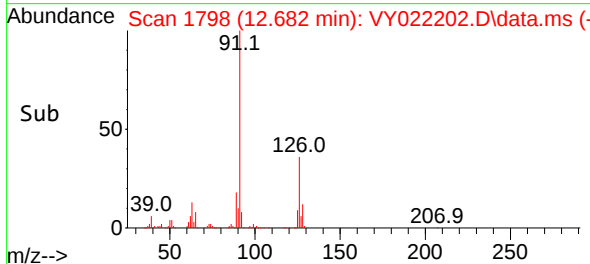
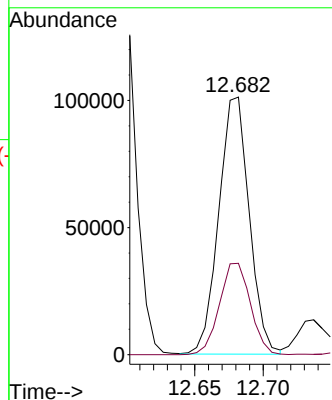
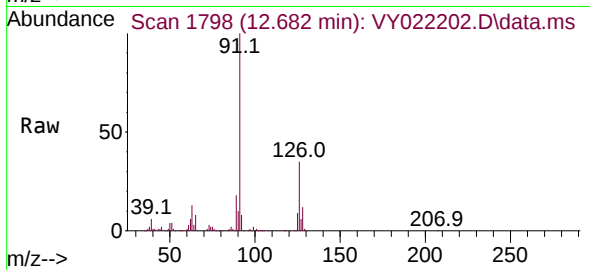
VY0508SBSD01

Tgt Ion: 91 Resp: 156708

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.673 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022202.D

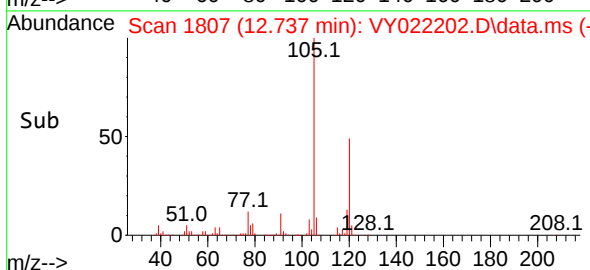
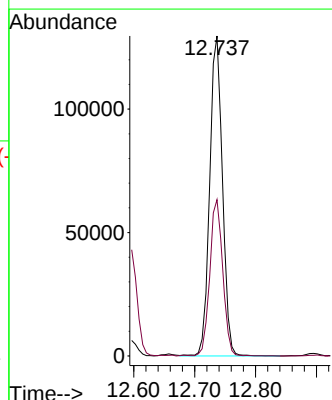
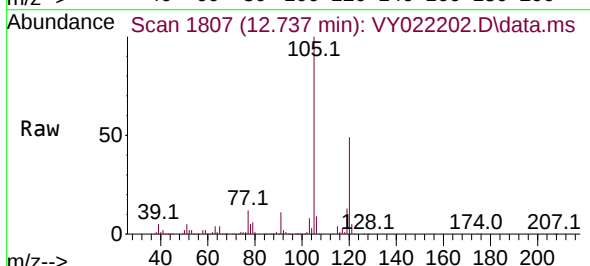
Acq: 08 May 2025 10:46

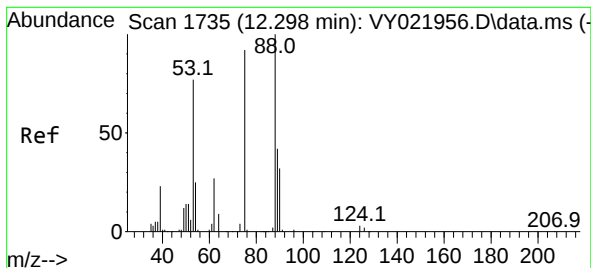
Tgt Ion: 105 Resp: 188508

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0

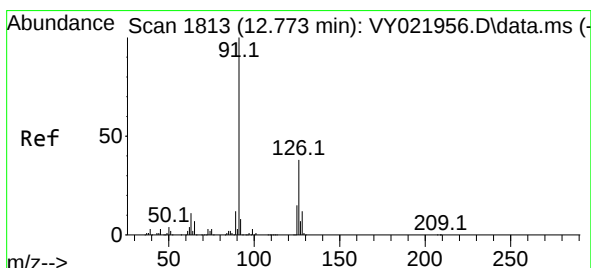
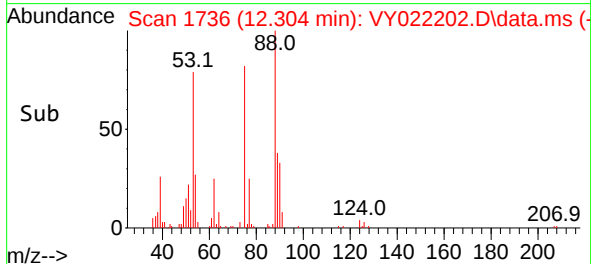
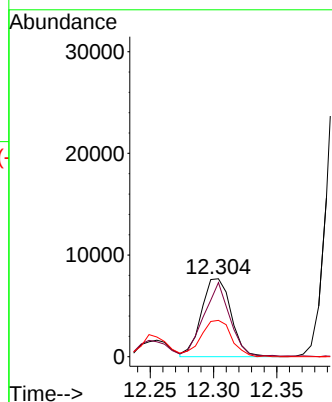
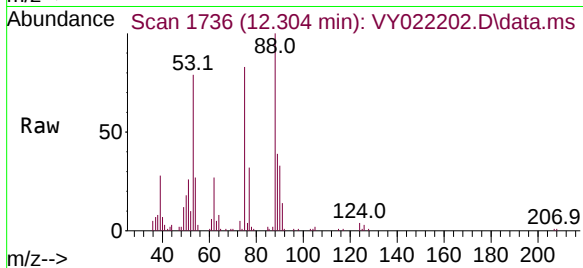




#81
trans-1,4-Dichloro-2-butene
Concen: 21.258 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

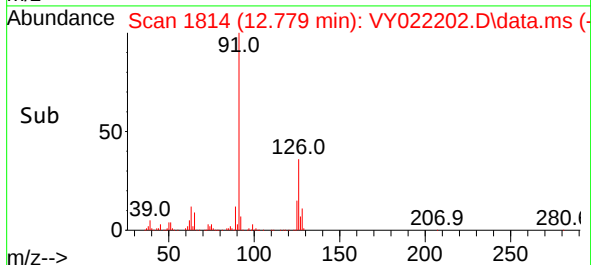
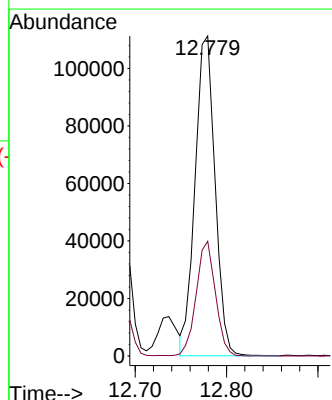
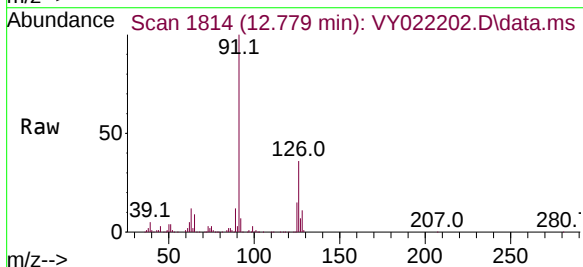
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

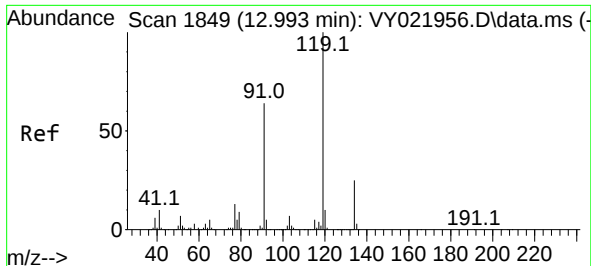
Tgt Ion: 75 Resp: 12525
Ion Ratio Lower Upper
75 100
53 84.9 66.0 99.0
89 47.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.213 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 91 Resp: 169019
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8

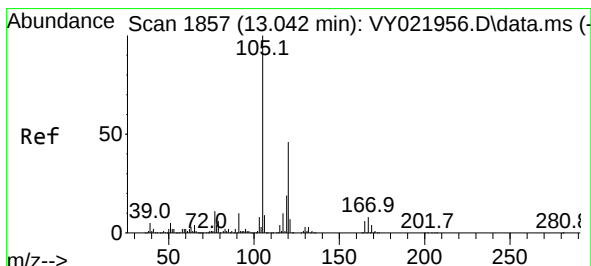
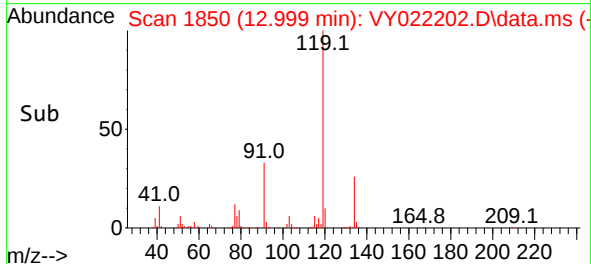
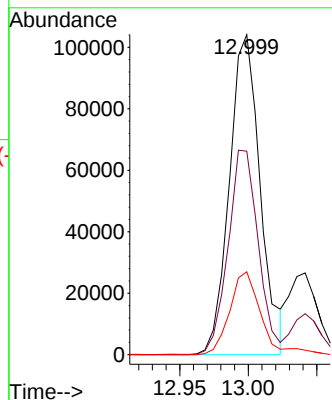
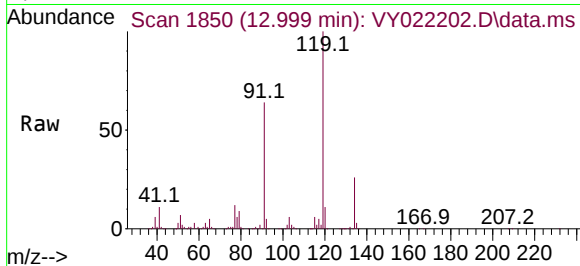




#83
tert-Butylbenzene
Concen: 19.969 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

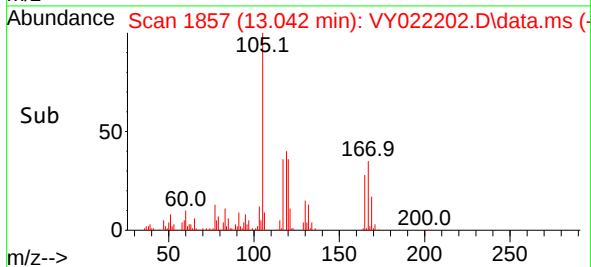
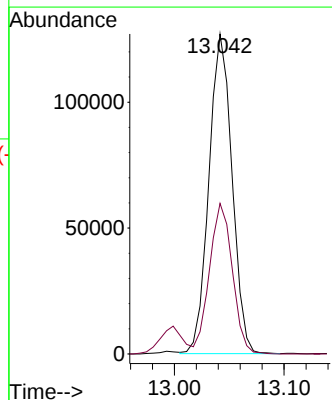
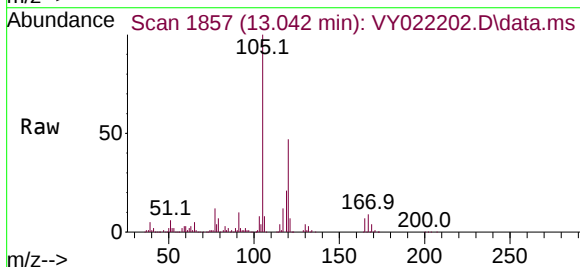
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

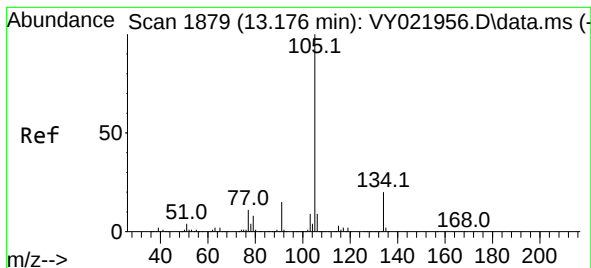
Tgt Ion:119 Resp: 163309
Ion Ratio Lower Upper
119 100
91 62.5 30.3 90.9
134 26.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.427 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion:105 Resp: 186308
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.650 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

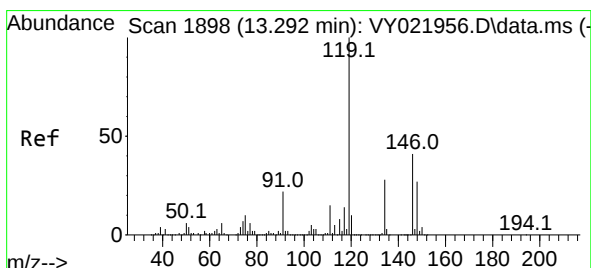
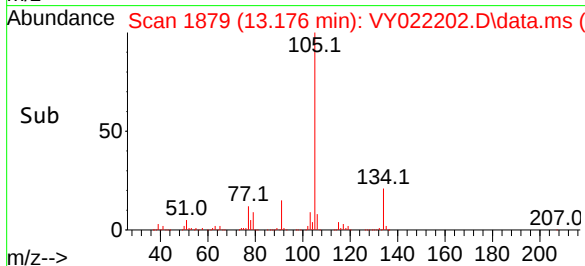
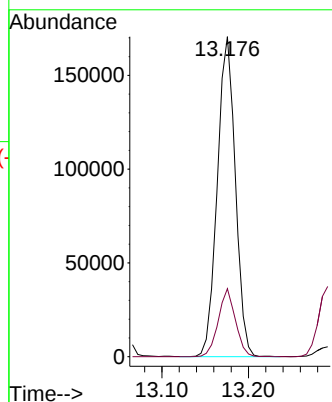
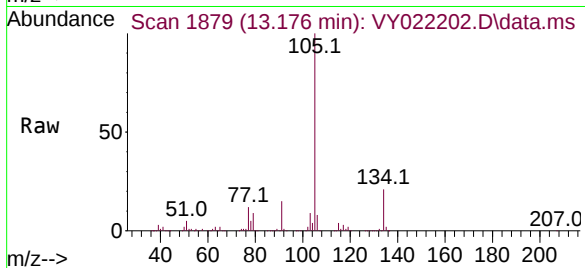
VY0508SBS01

Tgt Ion:105 Resp: 247113

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.107 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

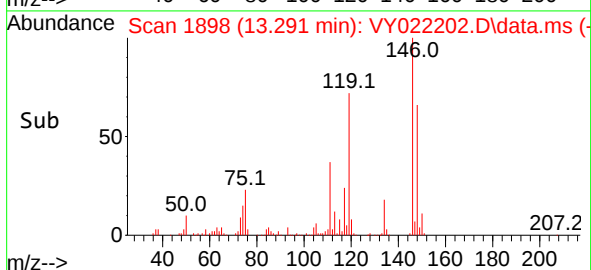
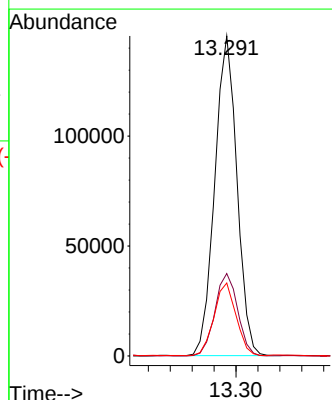
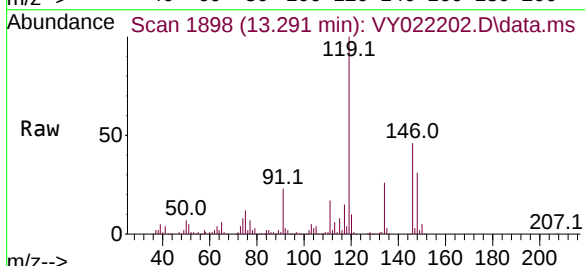
Tgt Ion:119 Resp: 204325

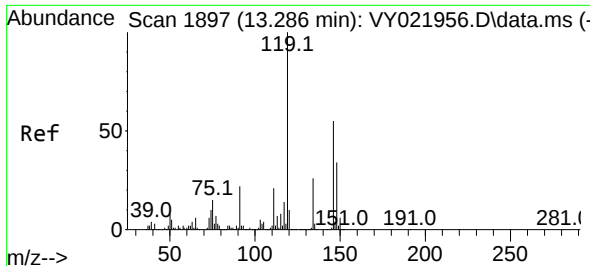
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.316 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

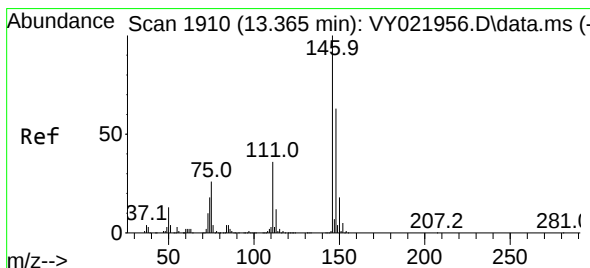
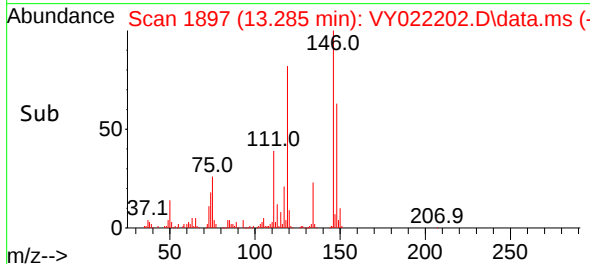
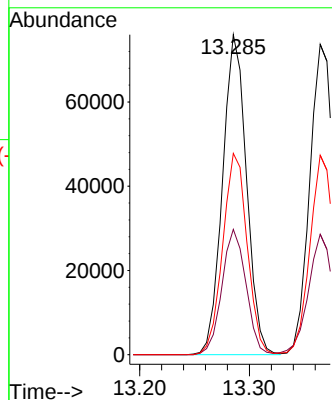
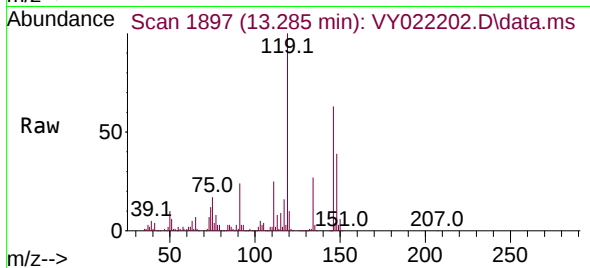
Tgt Ion:146 Resp: 115391

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.284 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

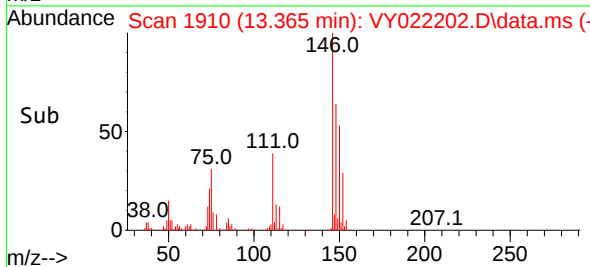
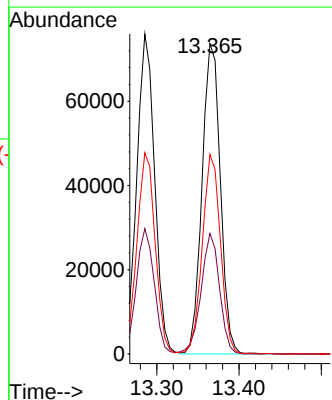
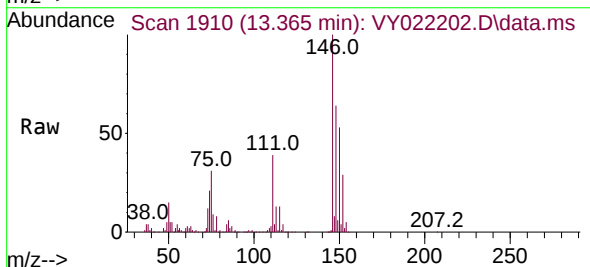
Tgt Ion:146 Resp: 114101

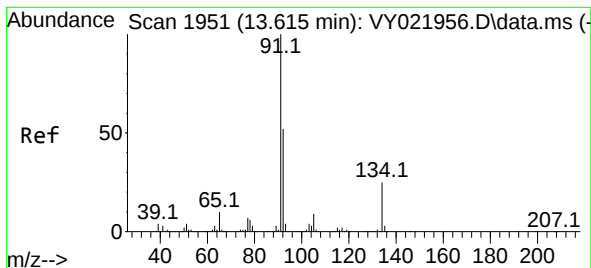
Ion Ratio Lower Upper

146 100

111 39.1 19.2 57.6

148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 20.057 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

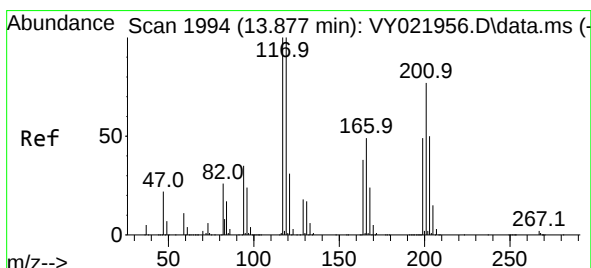
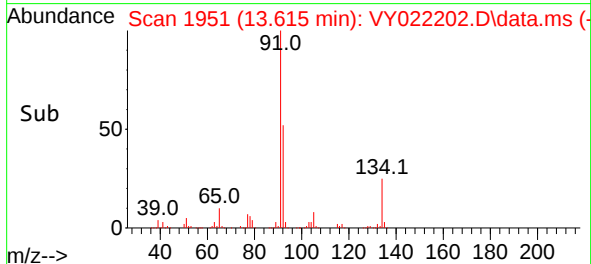
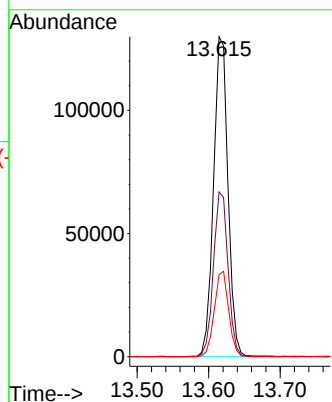
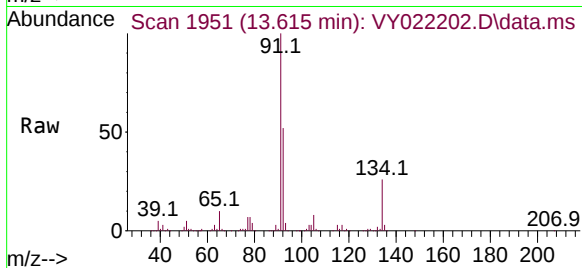
Tgt Ion: 91 Resp: 182180

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 26.5 13.4 40.1



#90

Hexachloroethane

Concen: 20.950 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022202.D

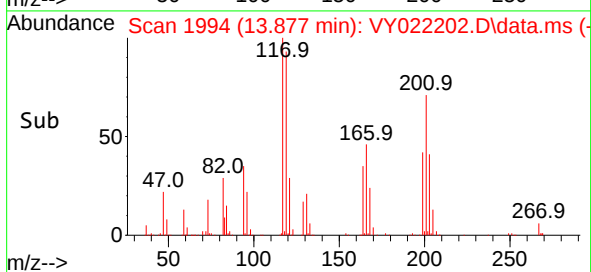
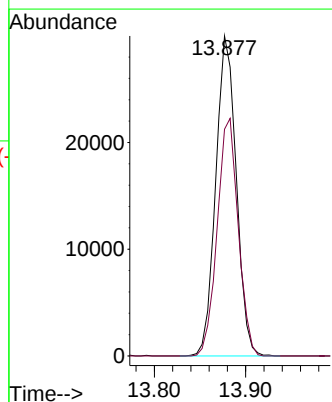
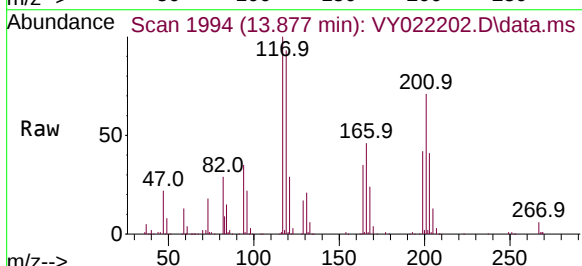
Acq: 08 May 2025 10:46

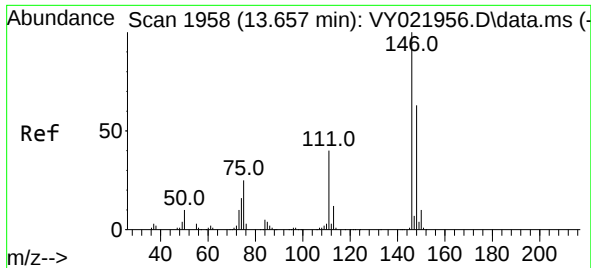
Tgt Ion: 117 Resp: 46773

Ion Ratio Lower Upper

117 100

201 76.1 38.7 116.1

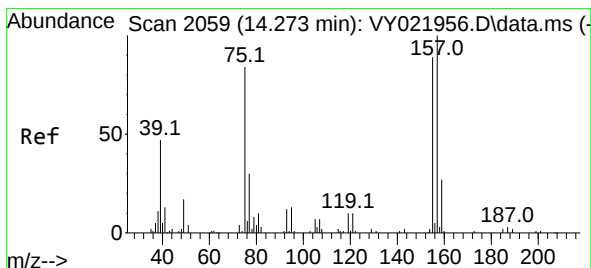
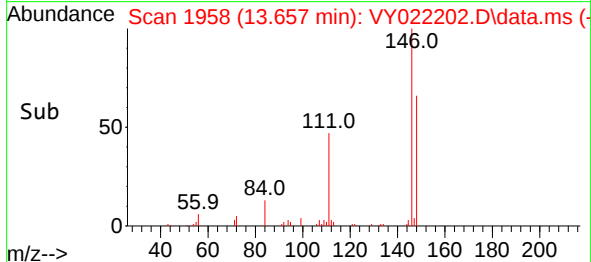
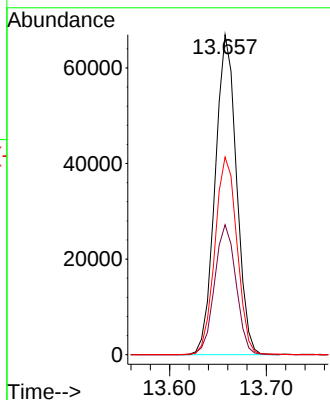
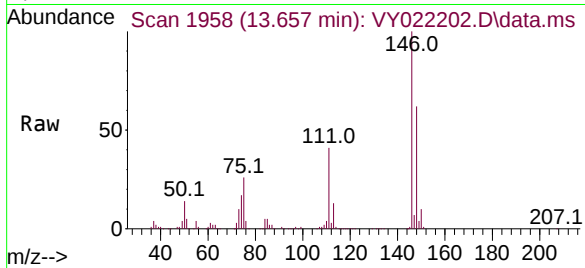




#91
1,2-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

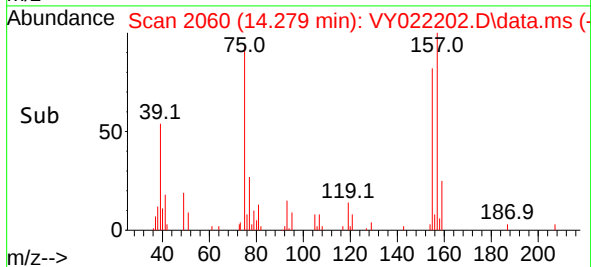
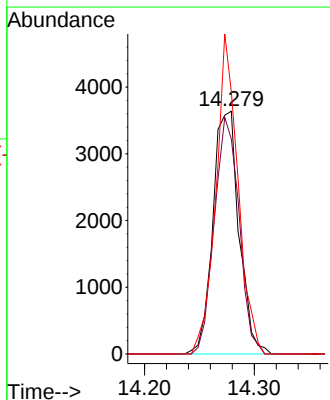
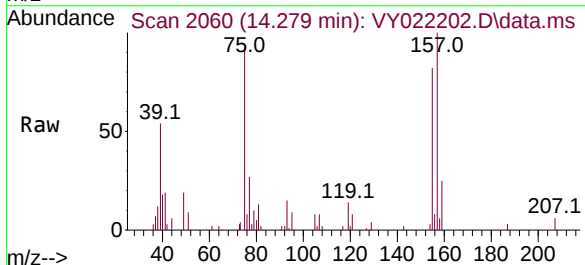
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBSD01

Tgt Ion:146 Resp: 102666
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.1
148 63.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.323 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022202.D
Acq: 08 May 2025 10:46

Tgt Ion: 75 Resp: 6033
Ion Ratio Lower Upper
75 100
155 92.1 50.7 152.3
157 111.3 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.321 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

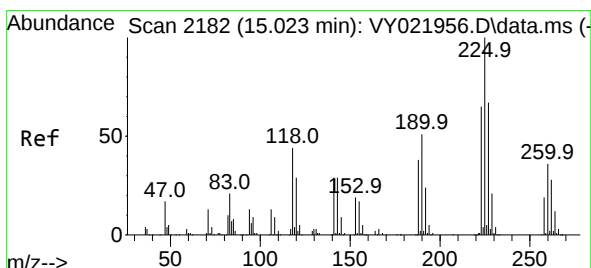
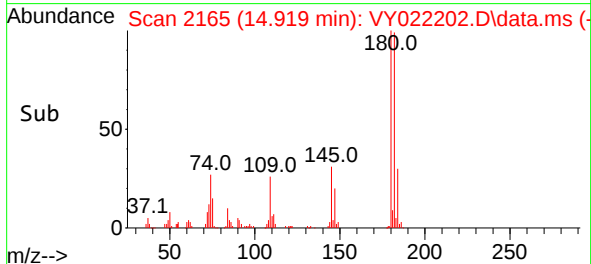
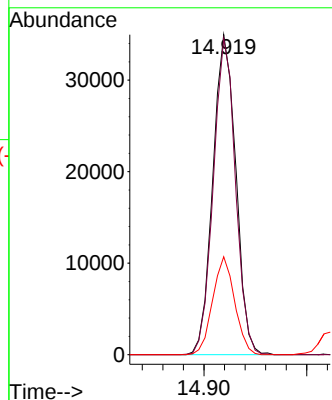
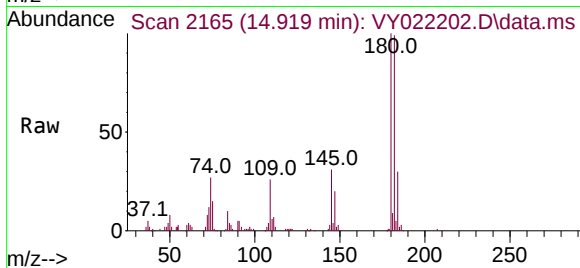
Tgt Ion:180 Resp: 54239

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.4

145 29.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.246 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

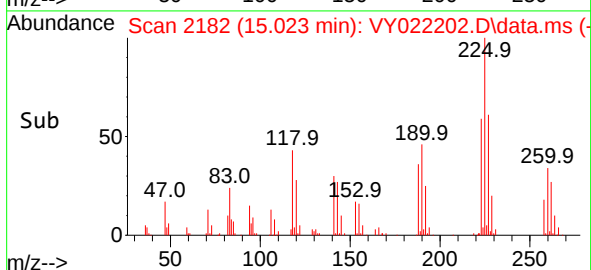
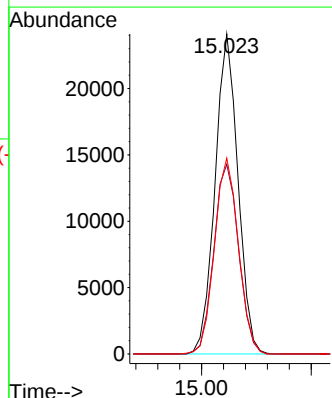
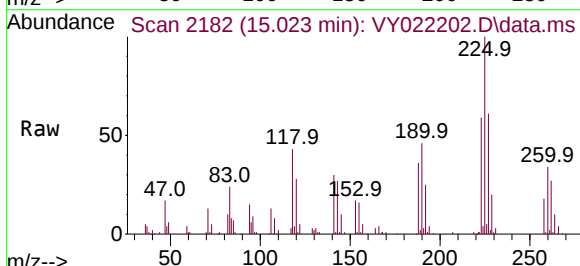
Tgt Ion:225 Resp: 34969

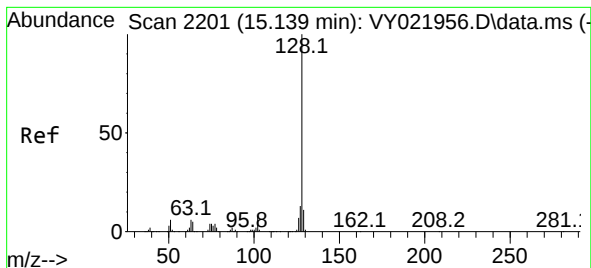
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.5

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 17.528 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

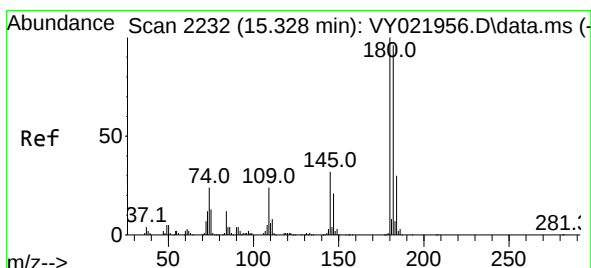
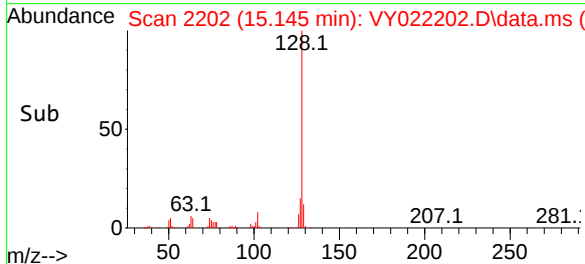
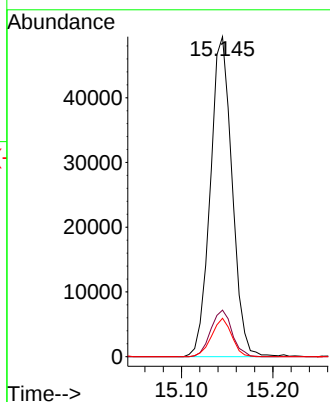
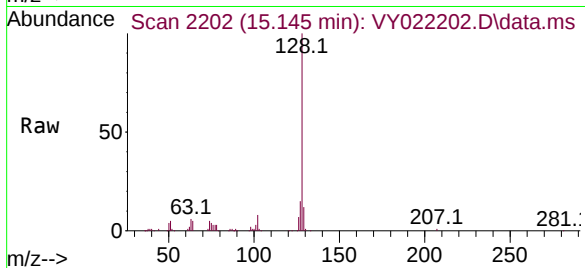
Tgt Ion:128 Resp: 81740

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.024 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022202.D

Acq: 08 May 2025 10:46

Tgt Ion:180 Resp: 46098

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.4

145 31.4 16.0 48.0

