

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022073.D
 Acq On : 30 Apr 2025 10:52
 Operator : SY/MD
 Sample : VY0430SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

Quant Time: May 01 01:32:55 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	289313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	439988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	218185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130907	48.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.980%
35) Dibromofluoromethane	7.634	113	147653	50.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.103	98	562631	51.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.402	95	187095	50.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	49931	20.254	ug/l	99
3) Chloromethane	2.068	50	68325	19.465	ug/l	99
4) Vinyl Chloride	2.202	62	84965	19.697	ug/l	100
5) Bromomethane	2.586	94	72512	19.512	ug/l	94
6) Chloroethane	2.727	64	57263	19.492	ug/l	100
7) Trichlorofluoromethane	3.050	101	116170	20.423	ug/l	97
8) Diethyl Ether	3.452	74	27804	18.780	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	62953	20.402	ug/l	100
10) Methyl Iodide	3.995	142	67087	18.779	ug/l	100
11) Tert butyl alcohol	4.860	59	14050	95.768	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	58062	20.188	ug/l	95
13) Acrolein	3.653	56	22474	85.350	ug/l	98
14) Allyl chloride	4.379	41	63213	18.876	ug/l	98
15) Acrylonitrile	5.055	53	51846	95.658	ug/l	100
16) Acetone	3.873	43	36077	89.420	ug/l	92
17) Carbon Disulfide	4.104	76	180959	19.733	ug/l	99
18) Methyl Acetate	4.385	43	26790	21.461	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	119952	18.634	ug/l	98
20) Methylene Chloride	4.610	84	67948	20.108	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	64406	19.996	ug/l	97
22) Diisopropyl ether	6.019	45	146890	19.710	ug/l	98
23) Vinyl Acetate	5.958	43	371342	92.455	ug/l	99
24) 1,1-Dichloroethane	5.915	63	102207	19.785	ug/l	95
25) 2-Butanone	6.890	43	55654	91.364	ug/l	100
26) 2,2-Dichloropropane	6.884	77	91186	20.140	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	70781	19.653	ug/l	98
28) Bromochloromethane	7.244	49	40106	19.988	ug/l	98
29) Tetrahydrofuran	7.262	42	36921	93.322	ug/l	98
30) Chloroform	7.421	83	115178	20.101	ug/l	98
31) Cyclohexane	7.701	56	83695	18.946	ug/l #	91
32) 1,1,1-Trichloroethane	7.616	97	104622	20.181	ug/l	99
36) 1,1-Dichloropropene	7.829	75	78332	20.062	ug/l	99
37) Ethyl Acetate	6.988	43	25387	18.103	ug/l	96
38) Carbon Tetrachloride	7.817	117	96787	20.744	ug/l	96
39) Methylcyclohexane	9.103	83	93388	19.006	ug/l	94
40) Benzene	8.079	78	250157	20.495	ug/l	100

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 ClientSampleId :
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 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)
41) Methacrylonitrile	7.214	41	15478	20.191	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	61936	20.495	ug/l	99
43) Isopropyl Acetate	8.195	43	51000	18.937	ug/l	98
44) Trichloroethene	8.860	130	69297	20.497	ug/l	93
45) 1,2-Dichloropropane	9.140	63	54935	20.352	ug/l	98
46) Dibromomethane	9.231	93	35003	20.716	ug/l	99
47) Bromodichloromethane	9.420	83	87120	20.639	ug/l	99
48) Methyl methacrylate	9.219	41	23107	18.560	ug/l	95
49) 1,4-Dioxane	9.225	88	7458	414.120	ug/l	93
51) 4-Methyl-2-Pentanone	9.994	43	139092	98.525	ug/l	98
52) Toluene	10.170	92	162291	20.541	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	73102	20.190	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	86456	20.088	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	46575	20.636	ug/l	96
56) Ethyl methacrylate	10.439	69	47773	18.509	ug/l	98
57) 1,3-Dichloropropane	10.713	76	73864	20.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	124335	98.525	ug/l	99
59) 2-Hexanone	10.762	43	87825	94.317	ug/l	97
60) Dibromochloromethane	10.908	129	63230	20.235	ug/l	98
61) 1,2-Dibromoethane	11.012	107	42794	20.084	ug/l	98
64) Tetrachloroethene	10.646	164	81751	21.295	ug/l	97
65) Chlorobenzene	11.438	112	184325	20.255	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	66577	20.780	ug/l	99
67) Ethyl Benzene	11.518	91	289472	19.445	ug/l	100
68) m/p-Xylenes	11.627	106	238544	40.269	ug/l	99
69) o-Xylene	11.951	106	105935	19.403	ug/l	99
70) Styrene	11.969	104	185895	20.278	ug/l	98
71) Bromoform	12.133	173	37727	20.254	ug/l #	99
73) Isopropylbenzene	12.255	105	280709	19.257	ug/l	100
74) N-amyl acetate	12.066	43	44208	17.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	47576	19.358	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	62854	33.632	ug/l #	100
77) Bromobenzene	12.530	156	73436	19.937	ug/l	98
78) n-propylbenzene	12.591	91	339221	19.541	ug/l	100
79) 2-Chlorotoluene	12.676	91	200769	19.887	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	239215	19.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	14890	19.187	ug/l	97
82) 4-Chlorotoluene	12.774	91	212766	20.274	ug/l	100
83) tert-Butylbenzene	12.993	119	209440	19.443	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	238623	19.863	ug/l	98
85) sec-Butylbenzene	13.176	105	313905	19.915	ug/l	100
86) p-Isopropyltoluene	13.292	119	262861	19.639	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	149261	19.952	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	148377	20.026	ug/l	99
89) n-Butylbenzene	13.615	91	223801	18.707	ug/l	99
90) Hexachloroethane	13.877	117	58123	19.765	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	132919	20.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	7198	18.409	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	69519	18.801	ug/l	97
94) Hexachlorobutadiene	15.023	225	46146	20.284	ug/l	98
95) Naphthalene	15.145	128	103951	16.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	60230	18.870	ug/l	99

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Sample : VY0430SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

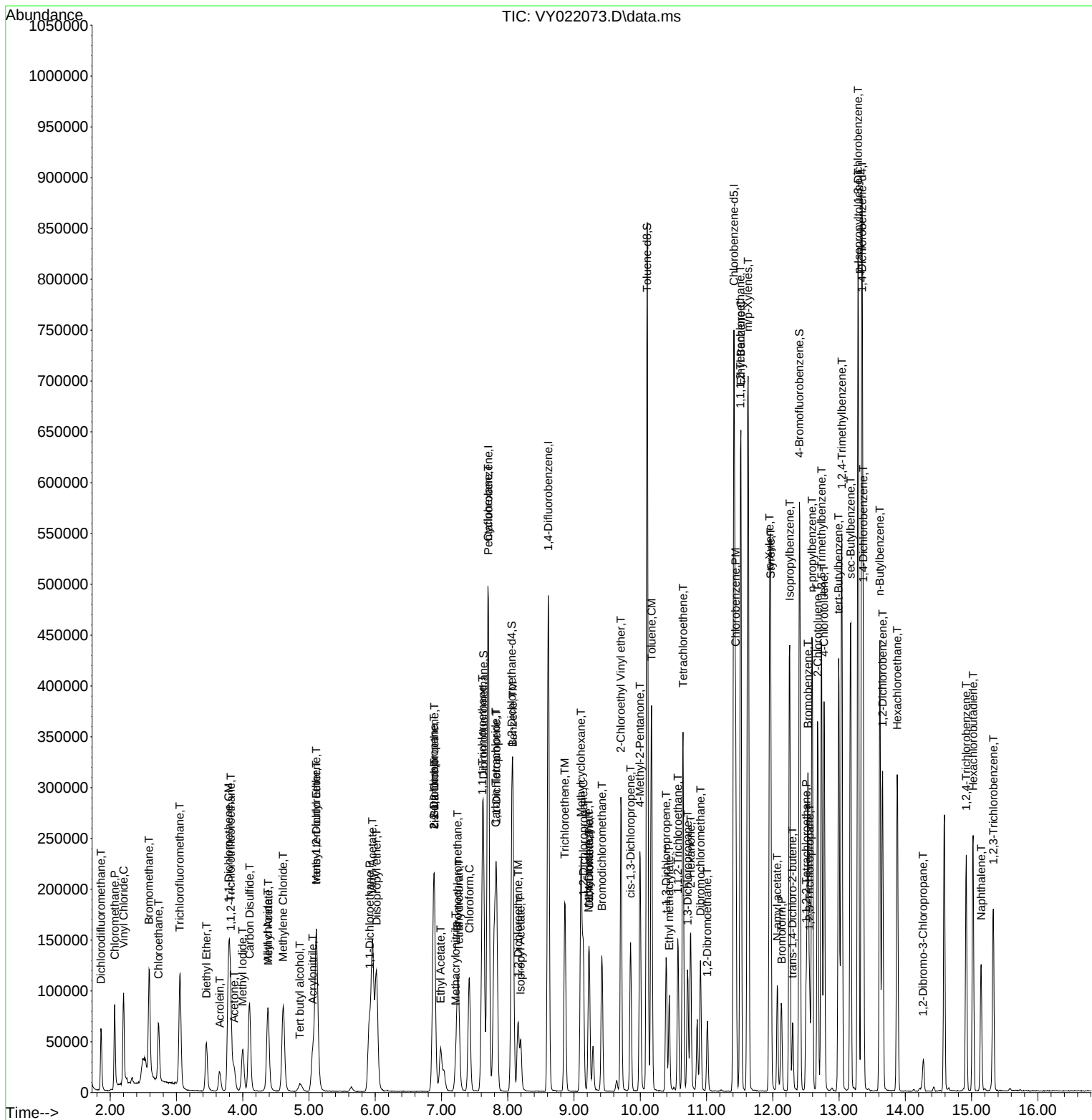
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

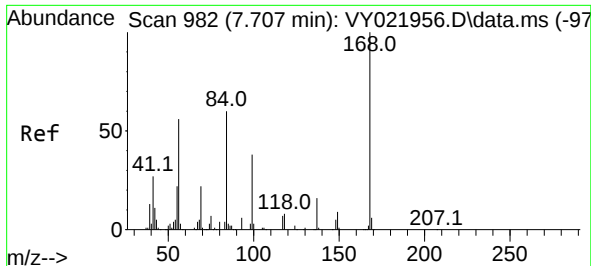
Quant Time: May 01 01:32:55 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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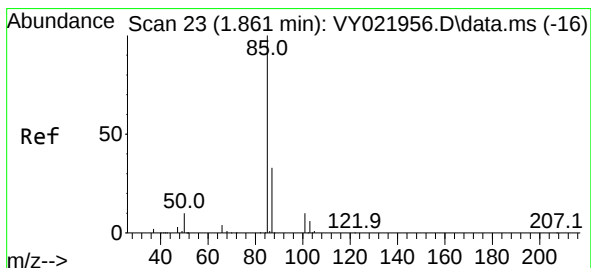
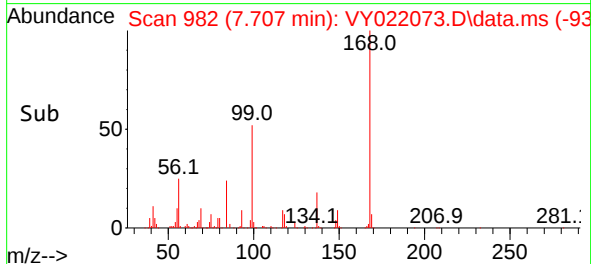
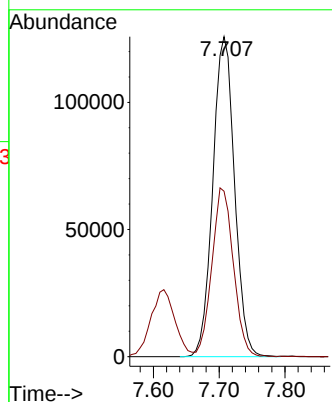
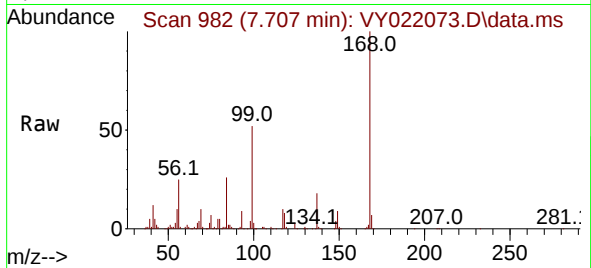




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

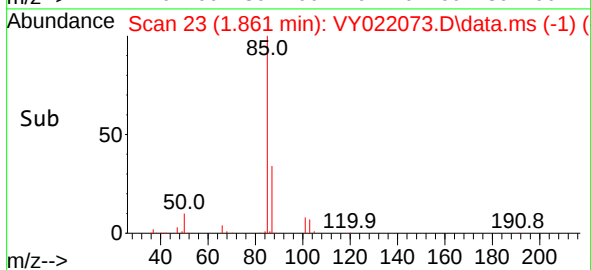
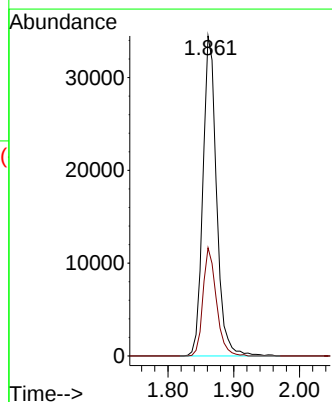
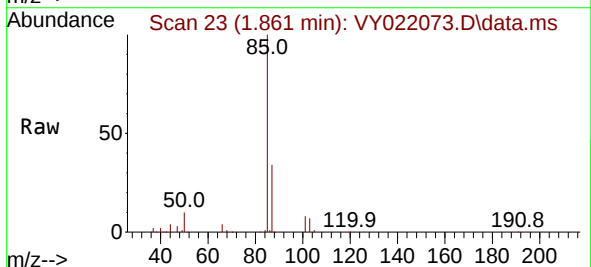
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

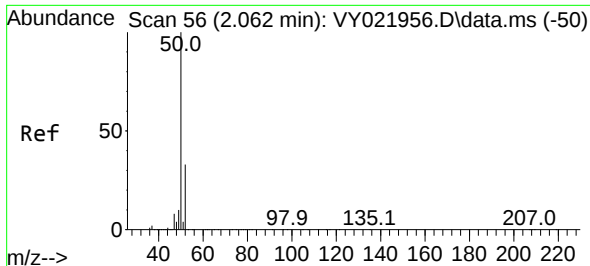
Tgt Ion:168 Resp: 289313
Ion Ratio Lower Upper
168 100
99 51.6 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 20.254 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 85 Resp: 49931
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.7

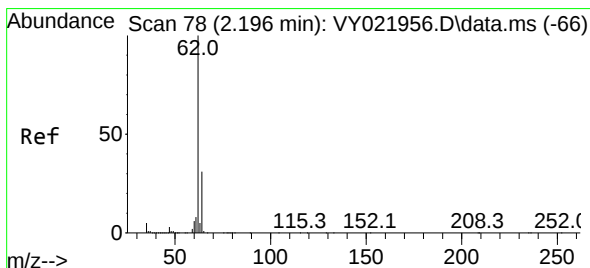
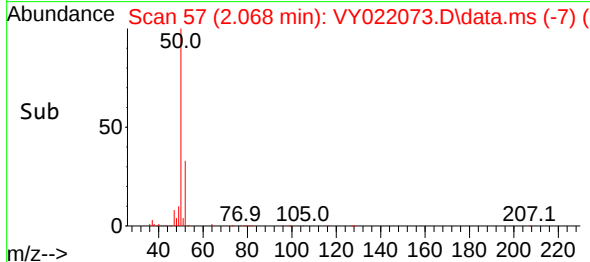
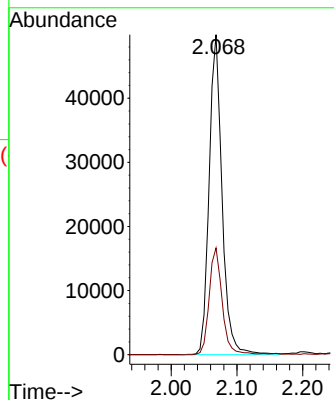
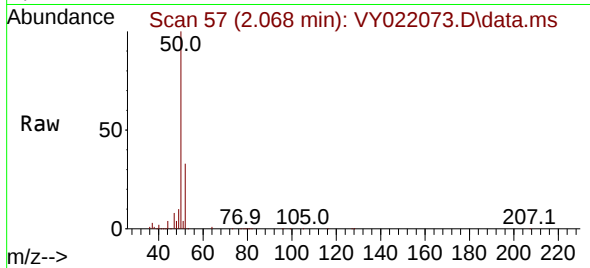




#3
Chloromethane
Concen: 19.465 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

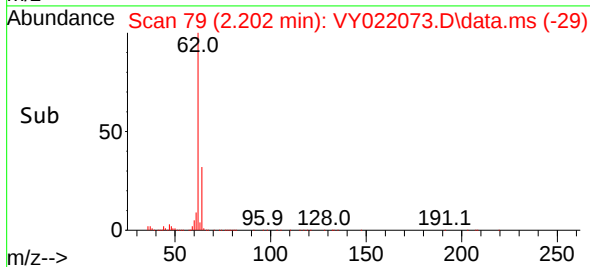
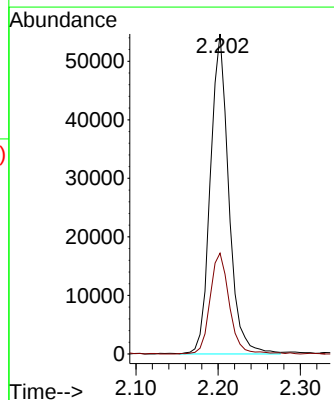
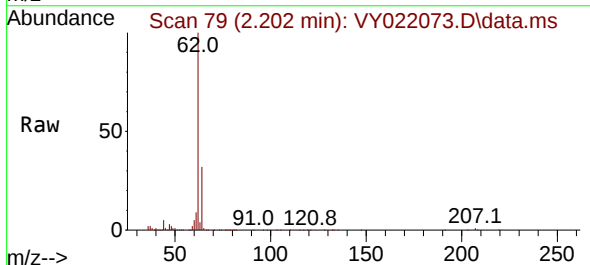
Instrument :
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ClientSampleId :
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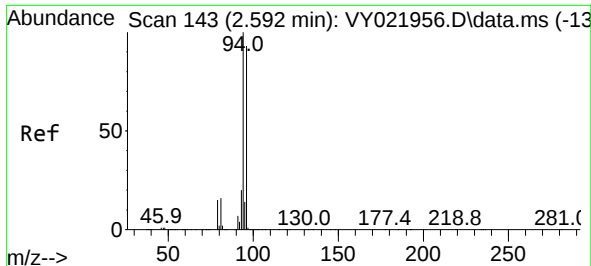
Tgt Ion: 50 Resp: 68325
Ion Ratio Lower Upper
50 100
52 33.4 26.1 39.1



#4
Vinyl Chloride
Concen: 19.697 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 62 Resp: 84965
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

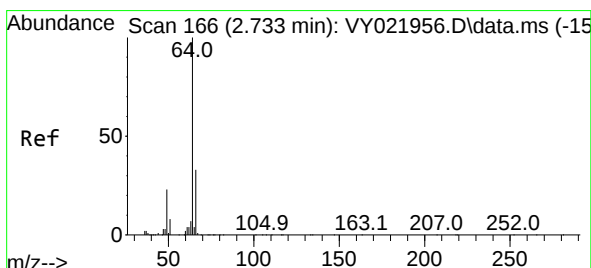
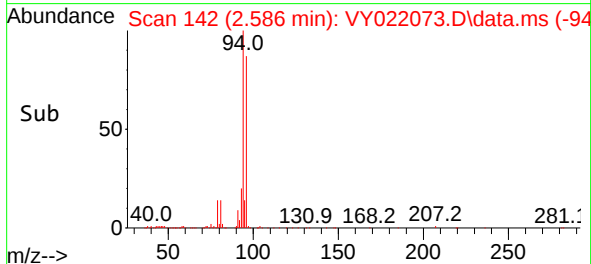
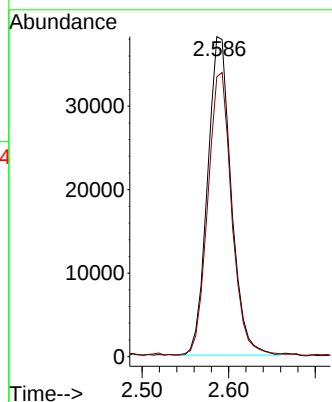
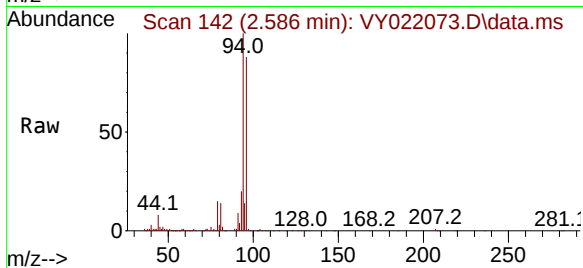




#5
Bromomethane
Concen: 19.512 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

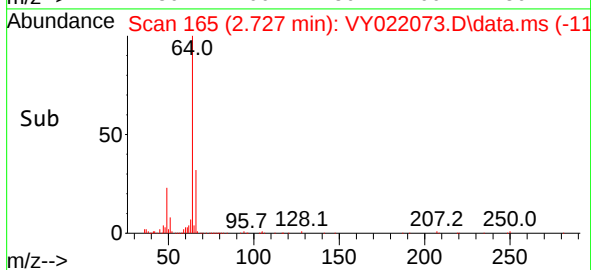
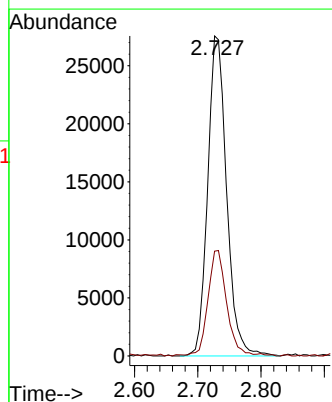
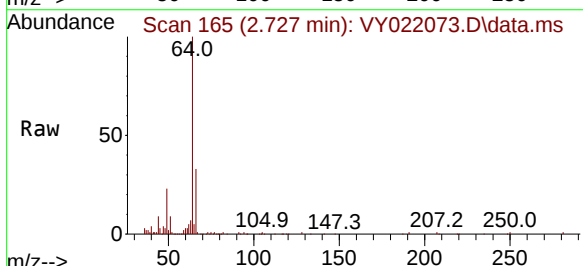
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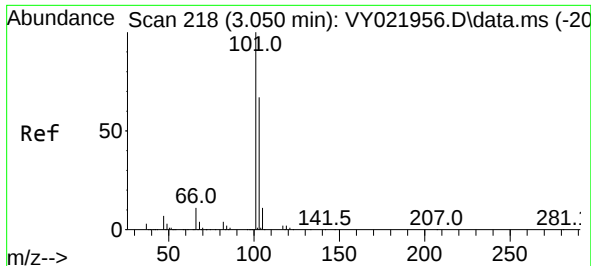
Tgt Ion: 94 Resp: 72512
Ion Ratio Lower Upper
94 100
96 87.3 74.6 111.8



#6
Chloroethane
Concen: 19.492 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 64 Resp: 57263
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

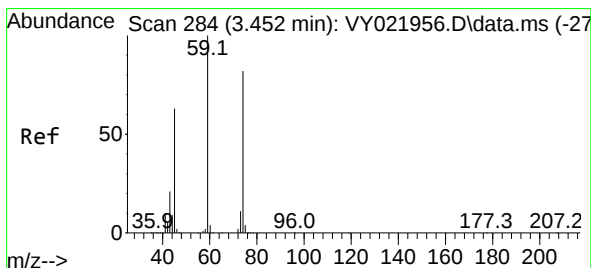
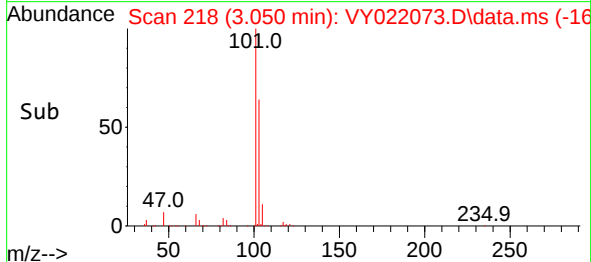
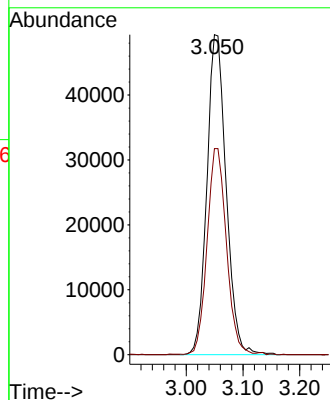
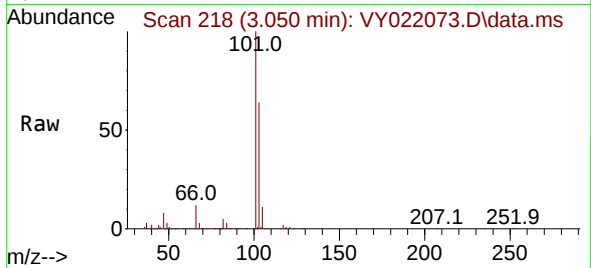




#7
Trichlorofluoromethane
Concen: 20.423 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

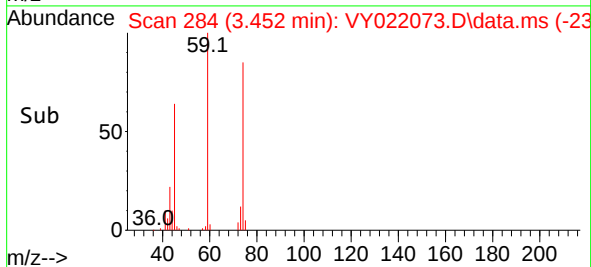
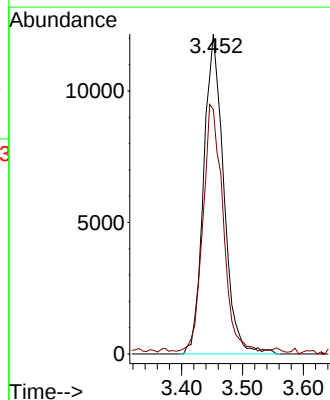
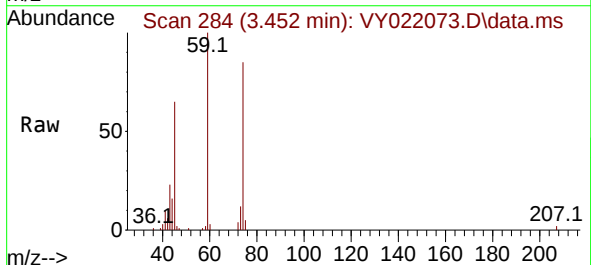
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

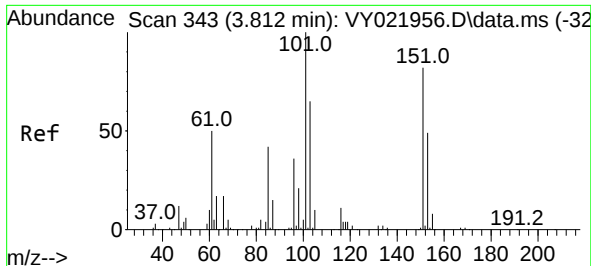
Tgt Ion:101 Resp: 116170
Ion Ratio Lower Upper
101 100
103 64.4 53.6 80.4



#8
Diethyl Ether
Concen: 18.780 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 74 Resp: 27804
Ion Ratio Lower Upper
74 100
45 76.9 39.1 117.5

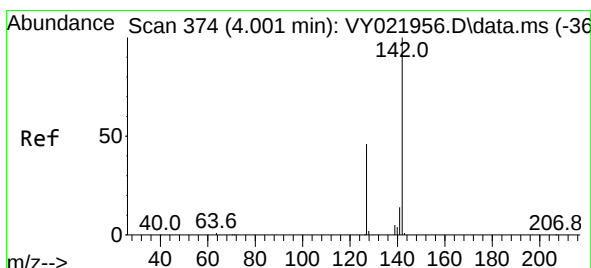
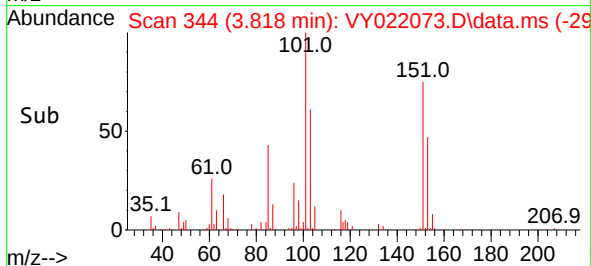
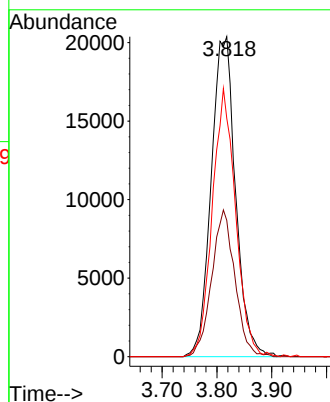
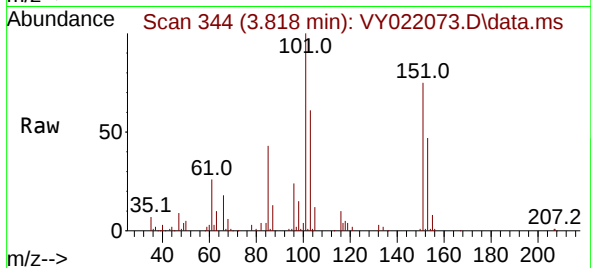




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.402 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

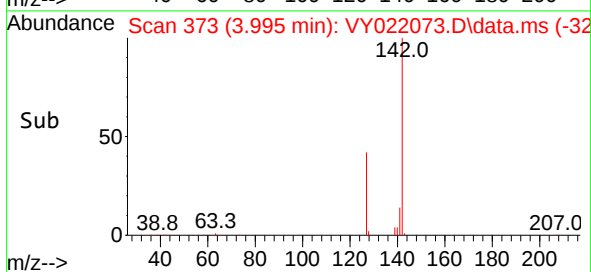
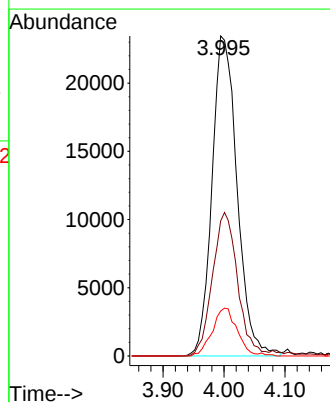
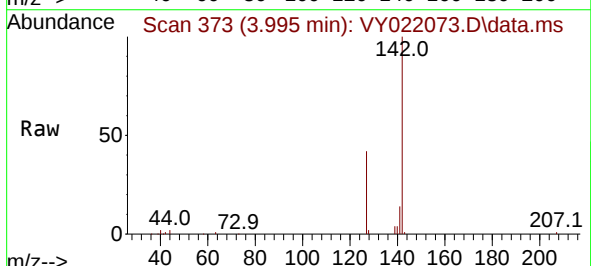
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

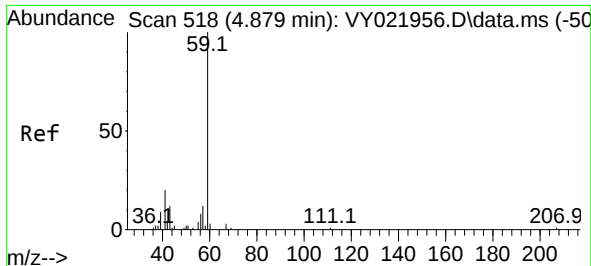
Tgt Ion:101 Resp: 62953
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 79.8 63.7 95.5



#10
Methyl Iodide
Concen: 18.779 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion:142 Resp: 67087
Ion Ratio Lower Upper
142 100
127 44.9 36.2 54.2
141 14.9 11.7 17.5

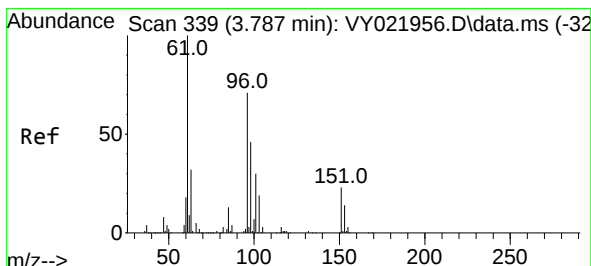
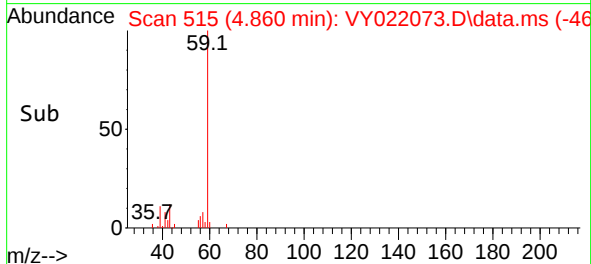
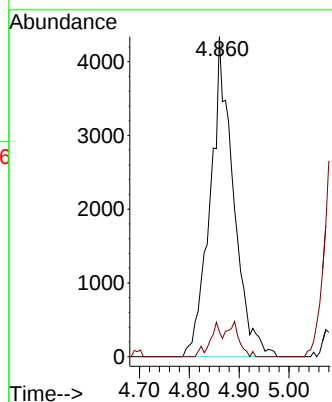
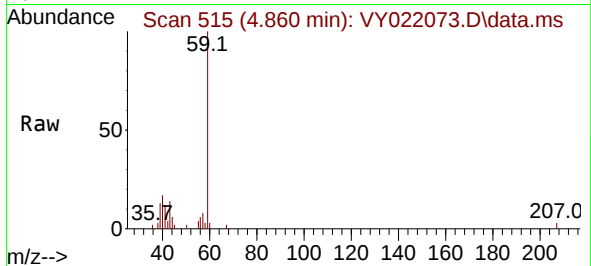




#11
Tert butyl alcohol
Concen: 95.768 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

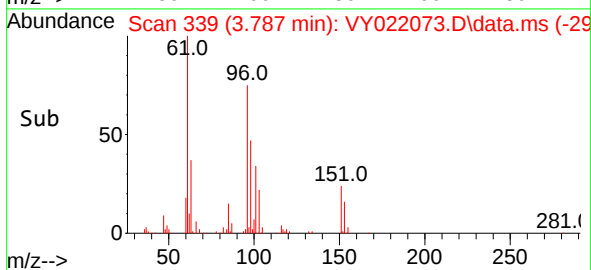
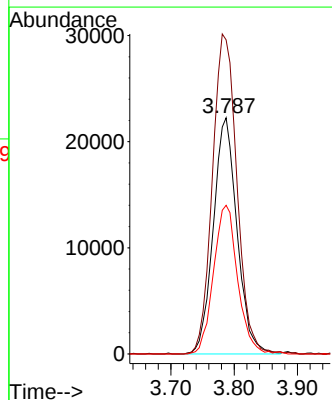
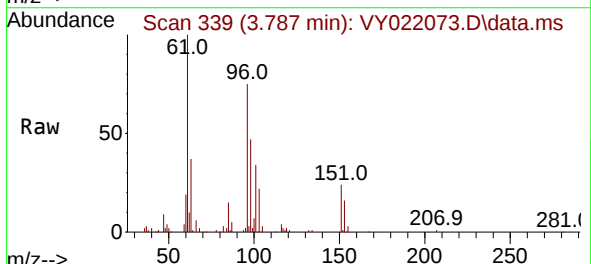
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

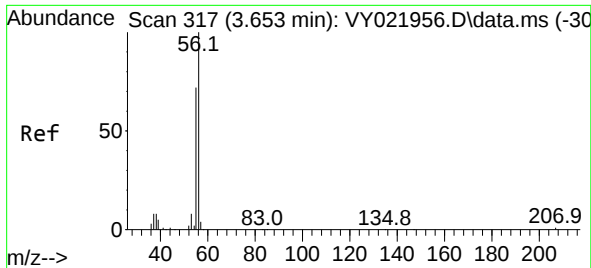
Tgt Ion: 59 Resp: 14050
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.188 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 96 Resp: 58062
Ion Ratio Lower Upper
96 100
61 133.0 113.0 169.4
98 63.0 51.4 77.2

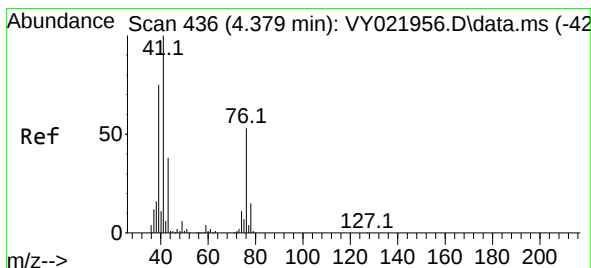
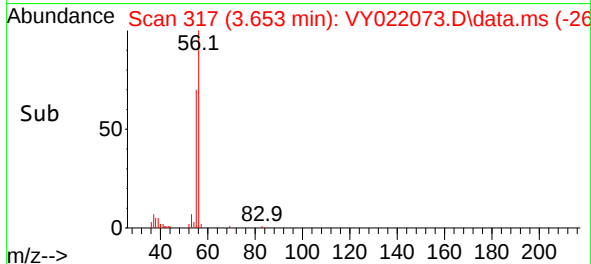
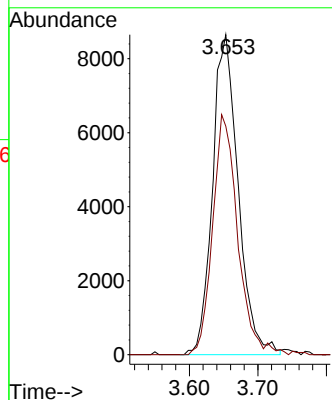
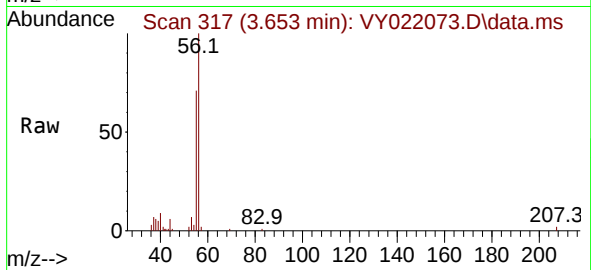




#13
Acrolein
Concen: 85.350 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

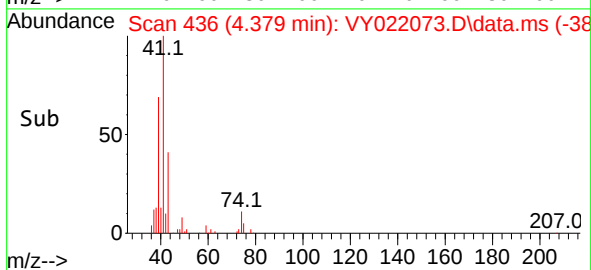
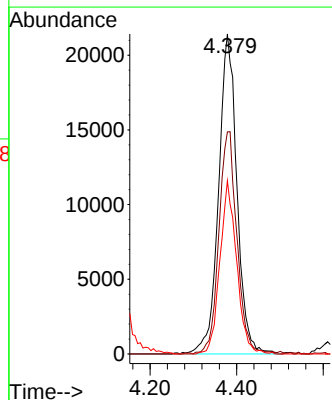
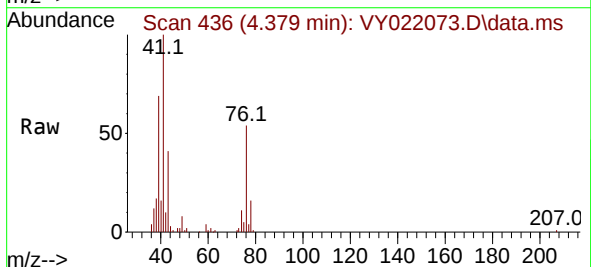
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion: 56 Resp: 22474
Ion Ratio Lower Upper
56 100
55 73.1 57.4 86.0



#14
Allyl chloride
Concen: 18.876 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 41 Resp: 63213
Ion Ratio Lower Upper
41 100
39 68.7 57.2 85.8
76 49.4 39.7 59.5

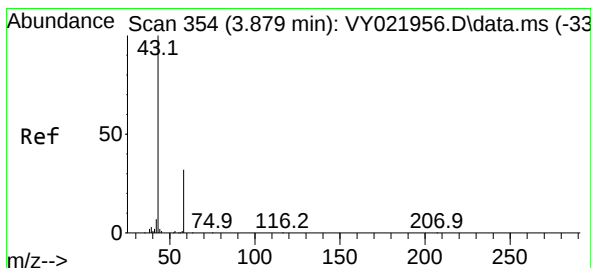
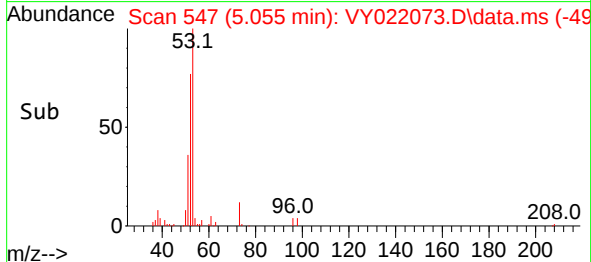
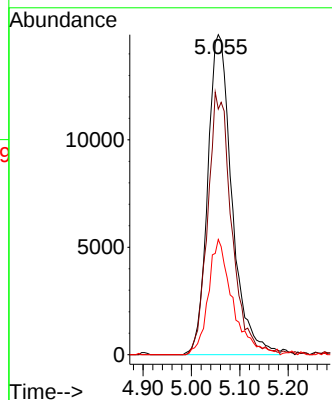
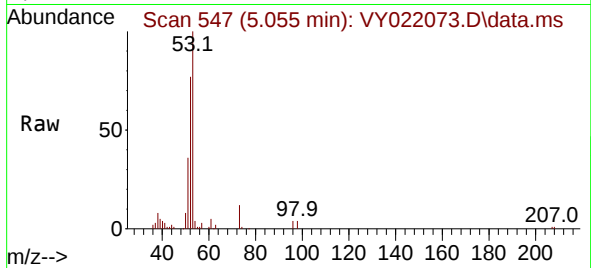




#15
Acrylonitrile
Concen: 95.658 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

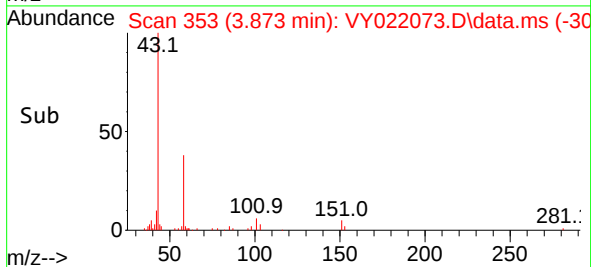
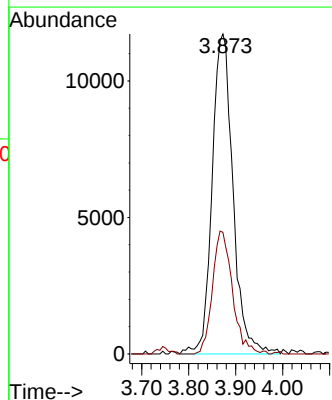
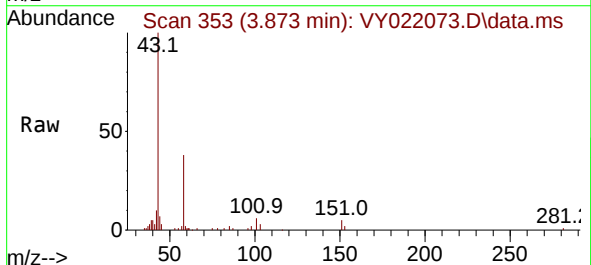
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

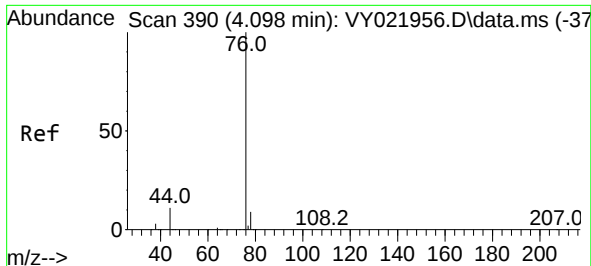
Tgt Ion: 53 Resp: 51846
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 36.3 28.9 43.3



#16
Acetone
Concen: 89.420 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 43 Resp: 36077
Ion Ratio Lower Upper
43 100
58 38.0 27.0 40.4

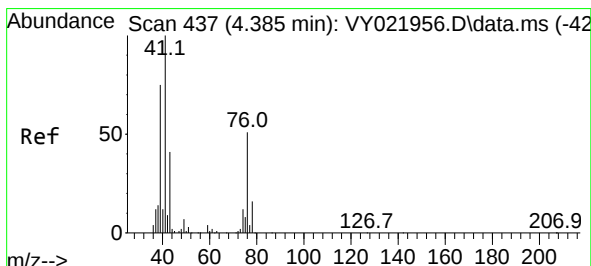
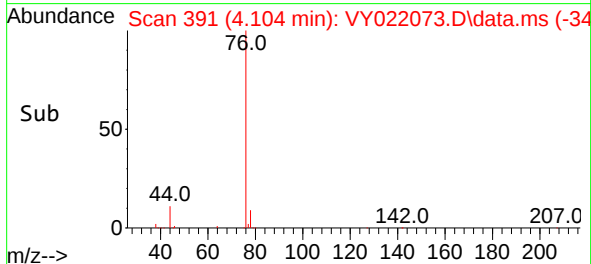
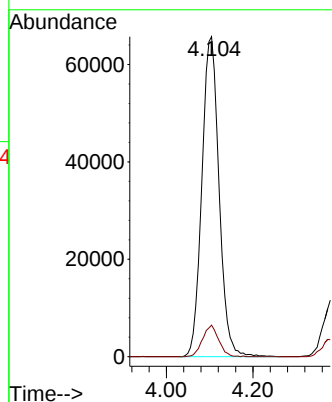
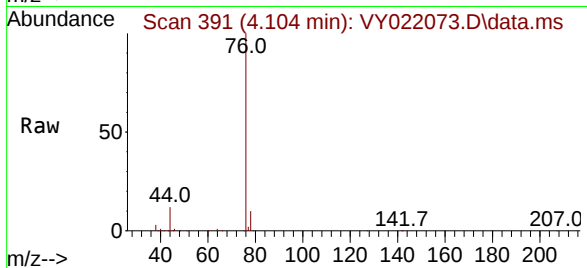




#17
Carbon Disulfide
Concen: 19.733 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

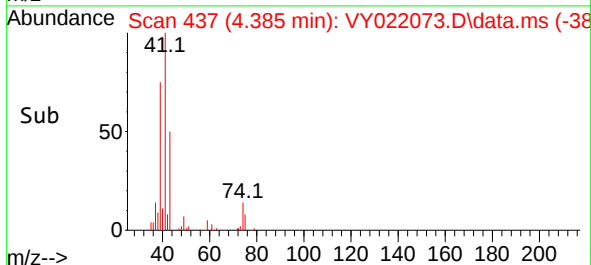
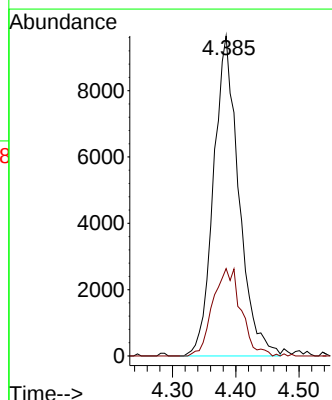
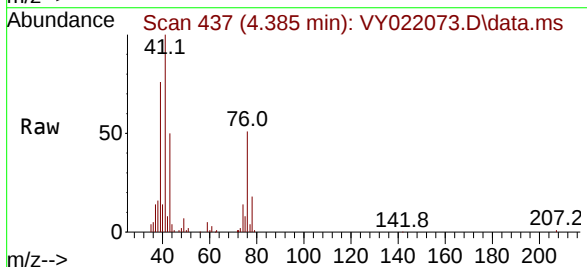
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion: 76 Resp: 180959
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 21.461 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 43 Resp: 26790
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.634 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

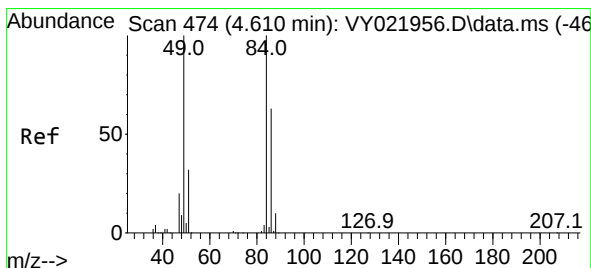
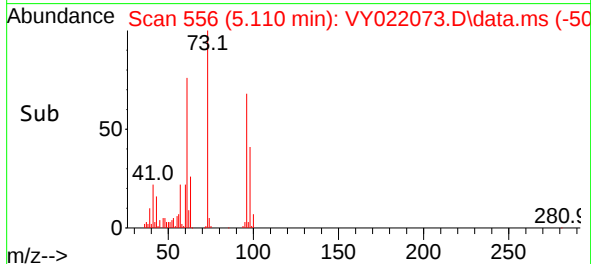
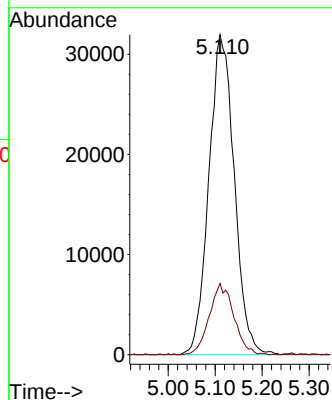
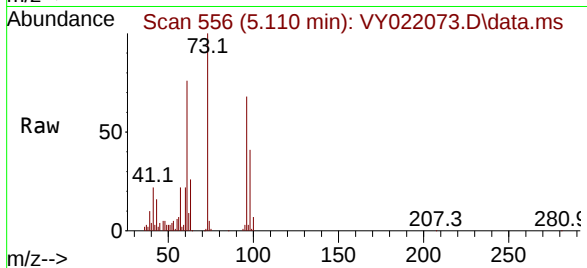
VY0430SBS01

Tgt Ion: 73 Resp: 119952

Ion Ratio Lower Upper

73 100

57 22.3 16.9 25.3



#20

Methylene Chloride

Concen: 20.108 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Tgt Ion: 84 Resp: 67948

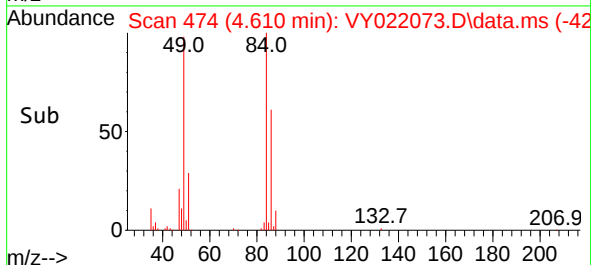
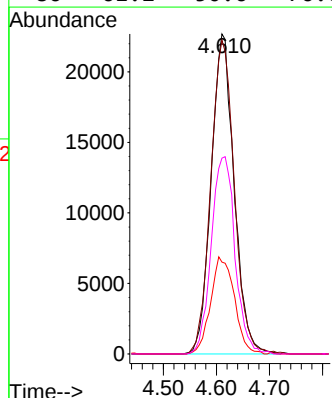
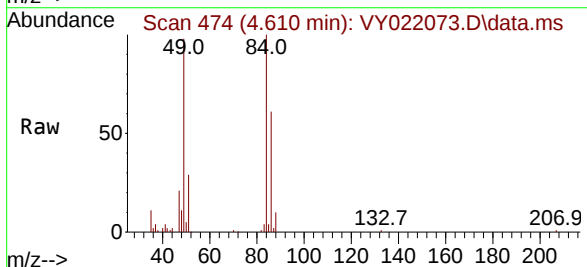
Ion Ratio Lower Upper

84 100

49 98.0 79.9 119.9

51 28.7 25.4 38.0

86 61.2 50.6 76.0

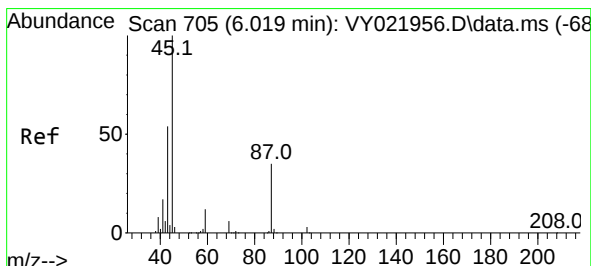
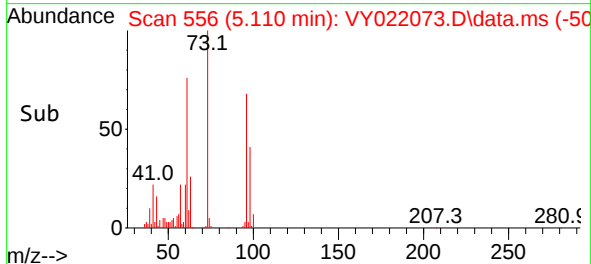
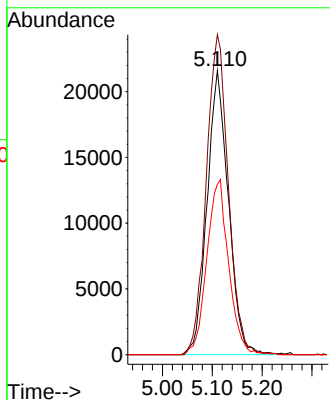
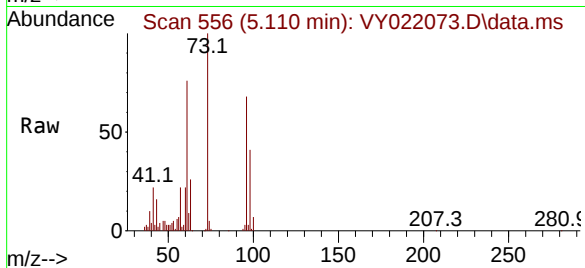




#21
trans-1,2-Dichloroethene
Concen: 19.996 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

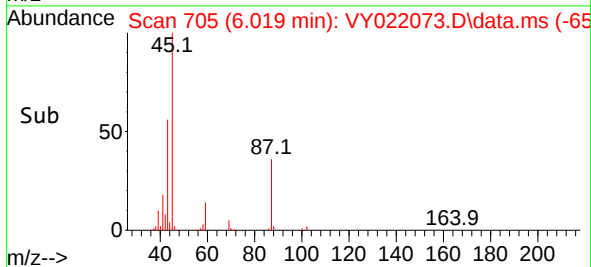
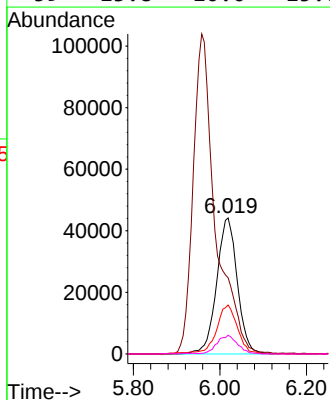
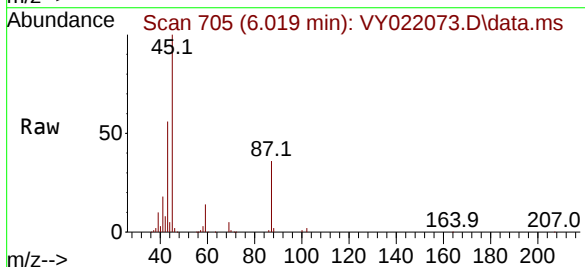
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

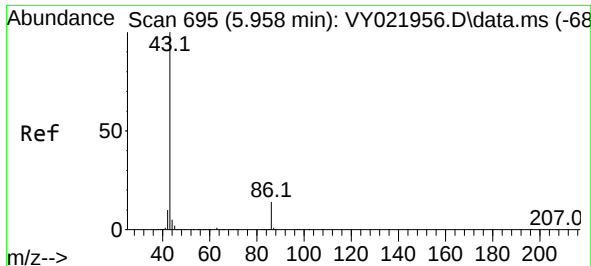
Tgt Ion: 96 Resp: 64406
Ion Ratio Lower Upper
96 100
61 112.6 92.6 138.8
98 60.0 50.2 75.4



#22
Diisopropyl ether
Concen: 19.710 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 45 Resp: 146890
Ion Ratio Lower Upper
45 100
43 55.5 43.6 65.4
87 36.0 28.2 42.4
59 13.8 10.0 15.0

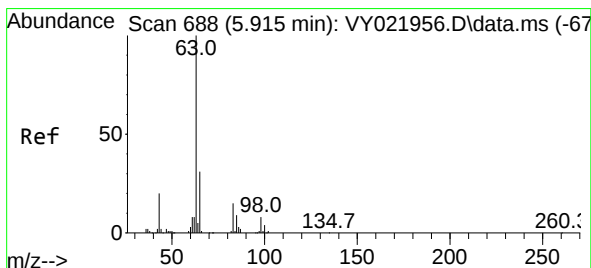
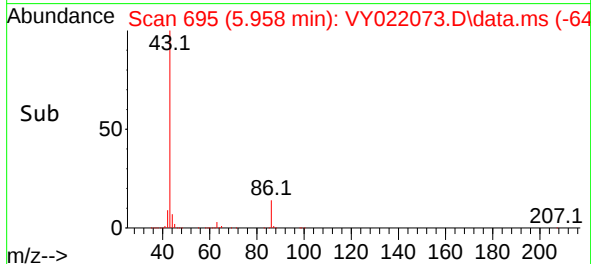
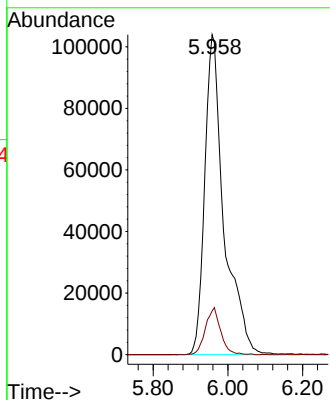
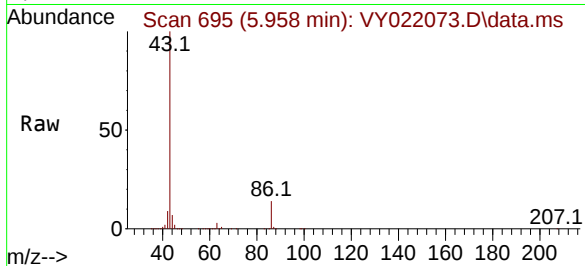




#23
 Vinyl Acetate
 Concen: 92.455 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

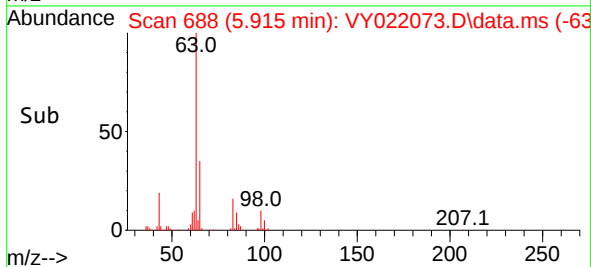
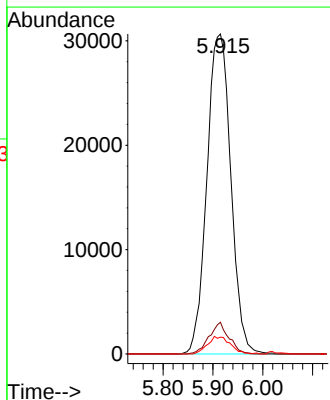
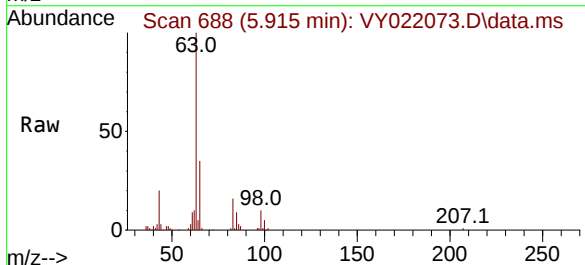
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

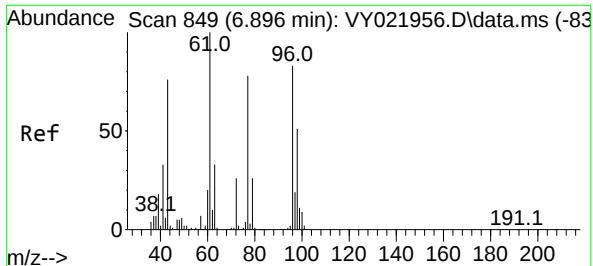
Tgt Ion: 43 Resp: 371342
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.785 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

Tgt Ion: 63 Resp: 102207
 Ion Ratio Lower Upper
 63 100
 98 9.9 4.0 11.9
 100 5.2 2.0 6.0

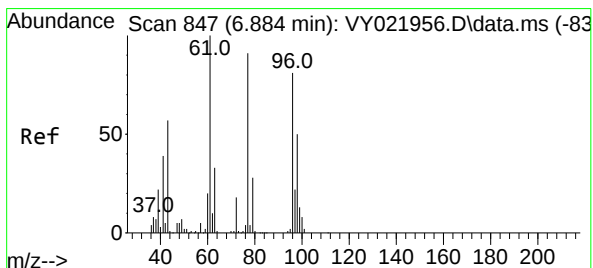
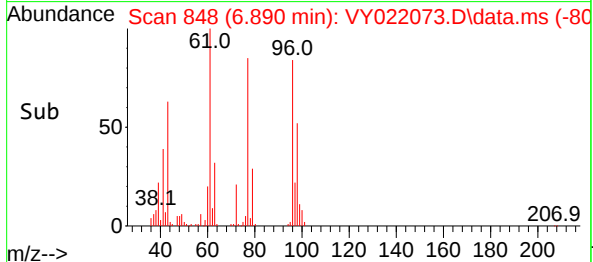
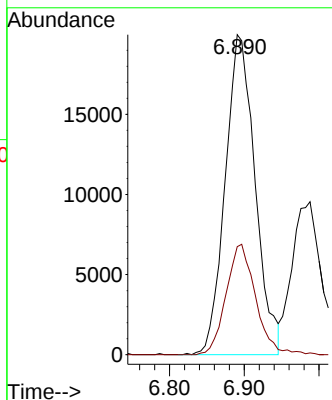
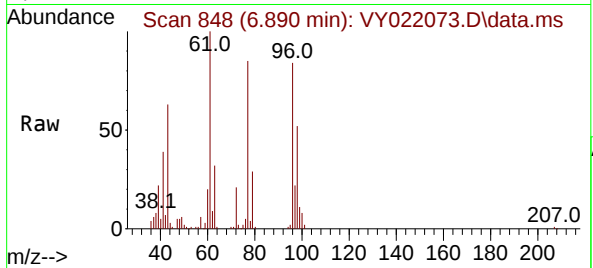




#25
2-Butanone
Concen: 91.364 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

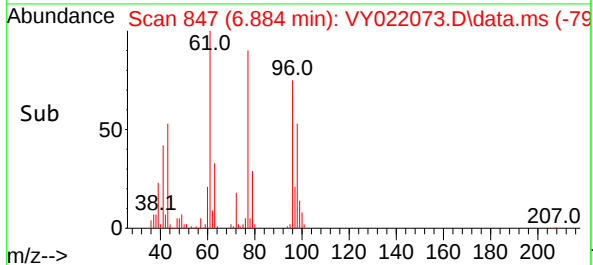
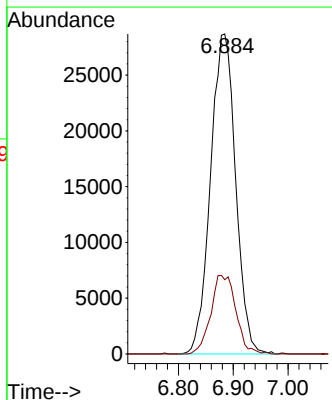
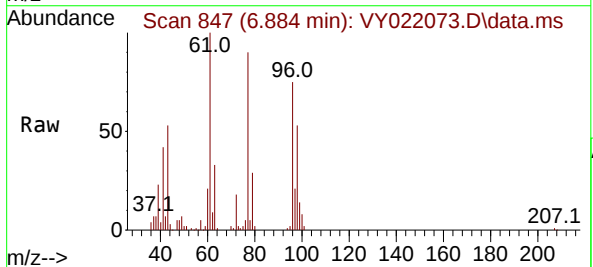
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

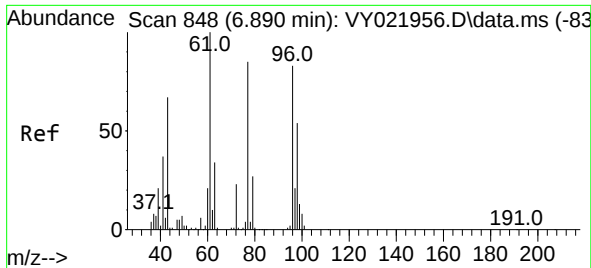
Tgt Ion: 43 Resp: 55654
Ion Ratio Lower Upper
43 100
72 33.7 27.0 40.4



#26
2,2-Dichloropropane
Concen: 20.140 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 77 Resp: 91186
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.4

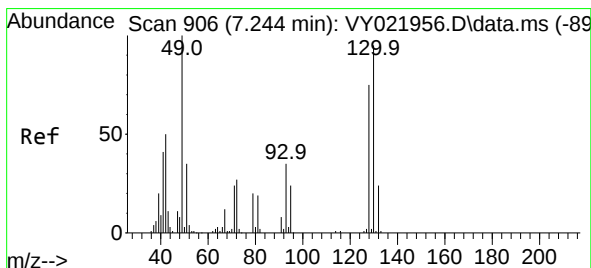
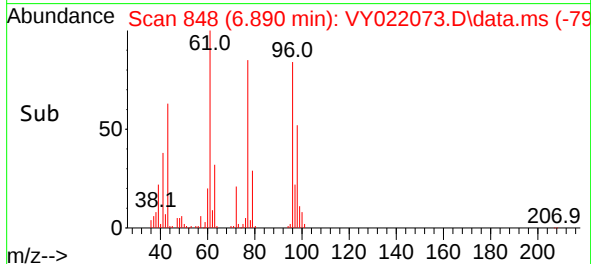
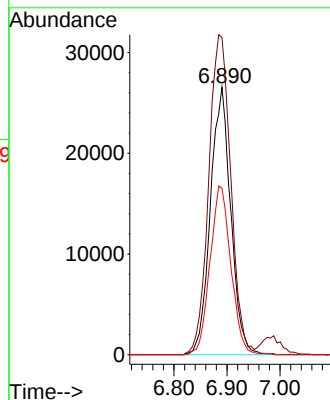
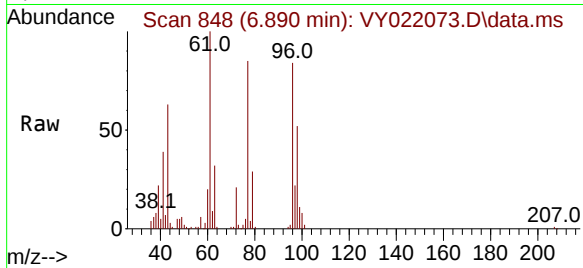




#27
 cis-1,2-Dichloroethene
 Concen: 19.653 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

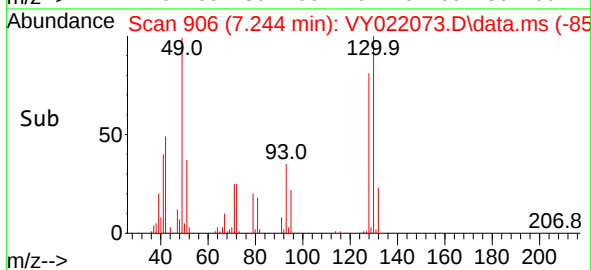
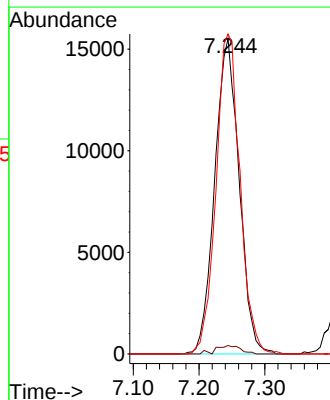
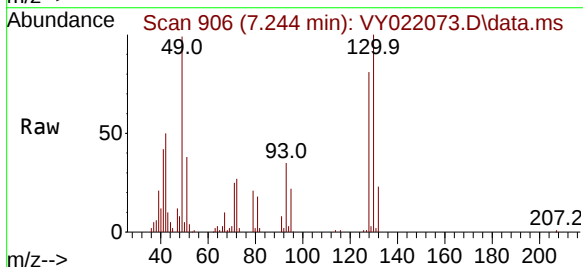
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

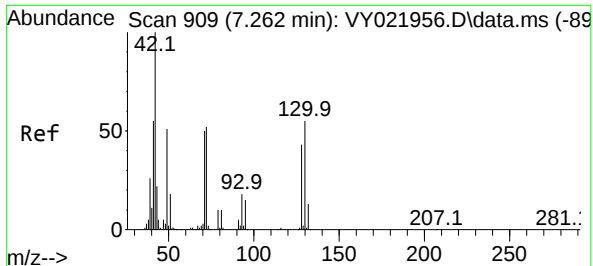
Tgt Ion: 96 Resp: 70781
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 251.4
 98 64.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.988 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

Tgt Ion: 49 Resp: 40106
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 99.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 93.322 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

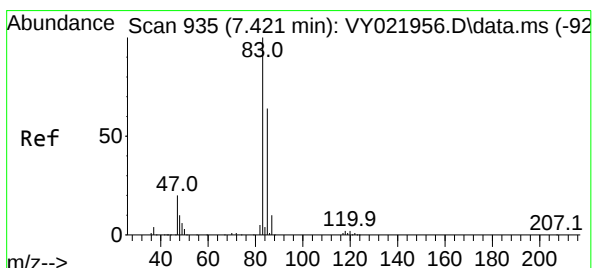
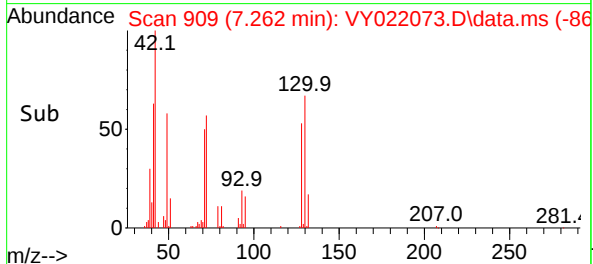
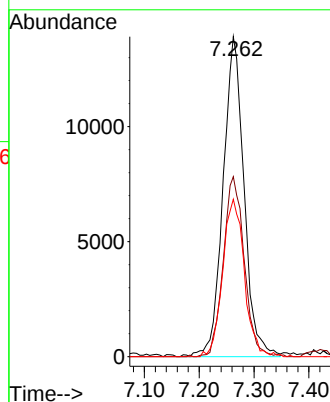
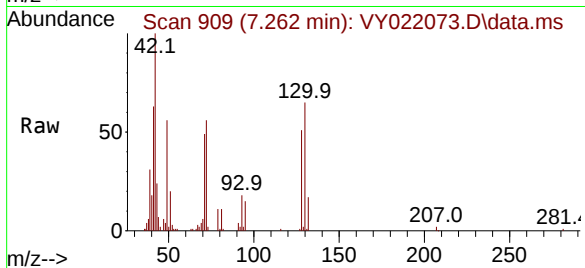
Tgt Ion: 42 Resp: 36921

Ion Ratio Lower Upper

42 100

72 56.2 42.6 63.8

71 51.0 40.6 61.0



#30

Chloroform

Concen: 20.101 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022073.D

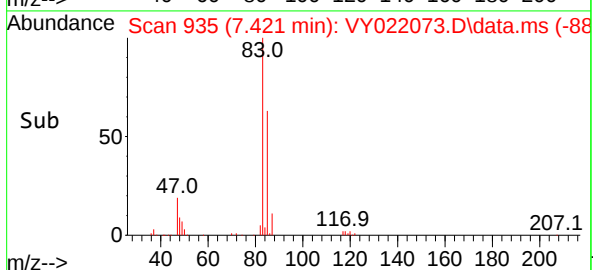
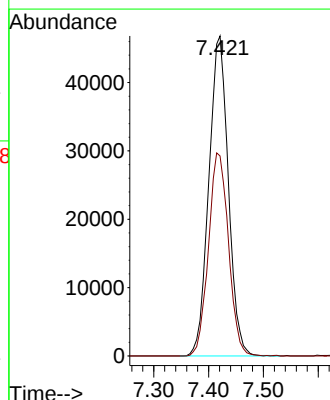
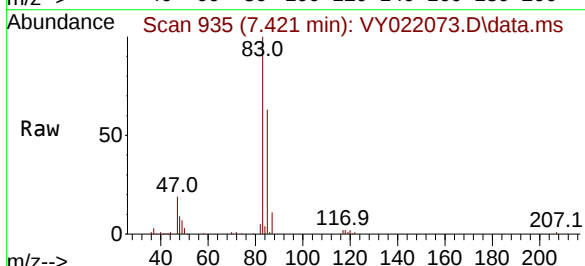
Acq: 30 Apr 2025 10:52

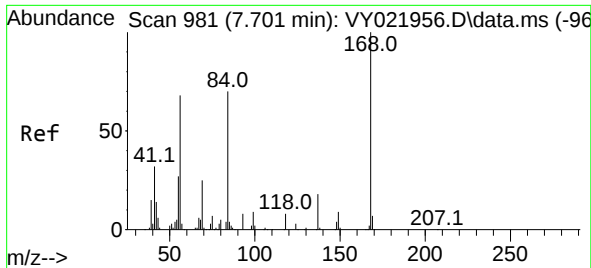
Tgt Ion: 83 Resp: 115178

Ion Ratio Lower Upper

83 100

85 62.5 51.3 76.9

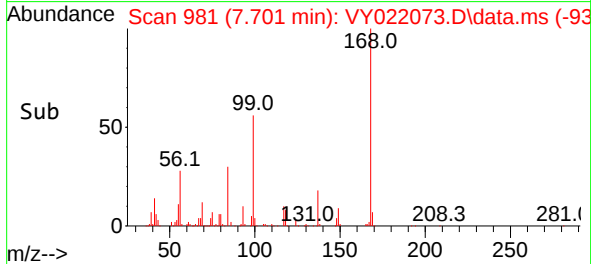
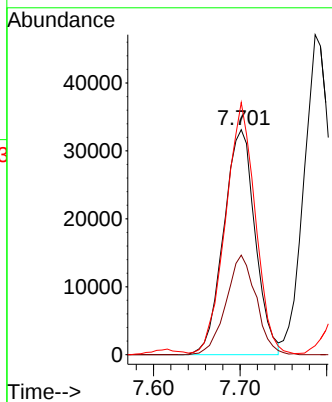
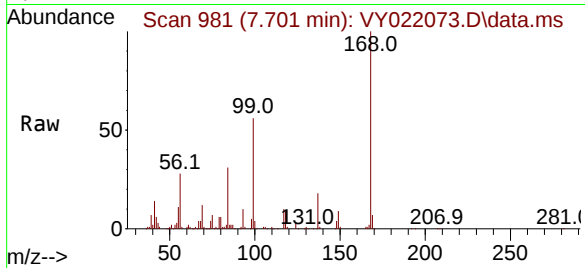




#31
Cyclohexane
Concen: 18.946 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

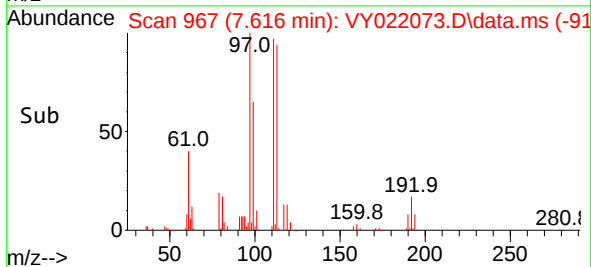
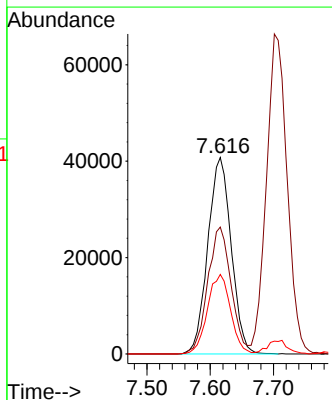
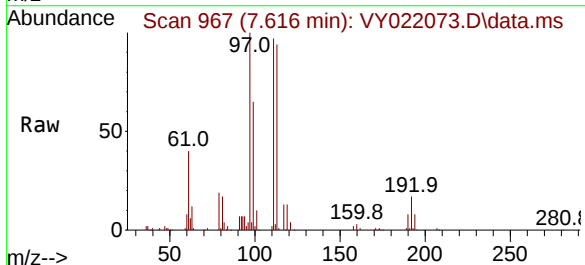
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion: 56 Resp: 83695
Ion Ratio Lower Upper
56 100
69 44.2 29.4 44.2#
84 110.7 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.181 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 97 Resp: 104622
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

RT: 8.061 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

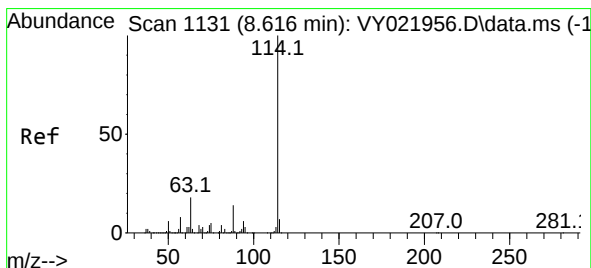
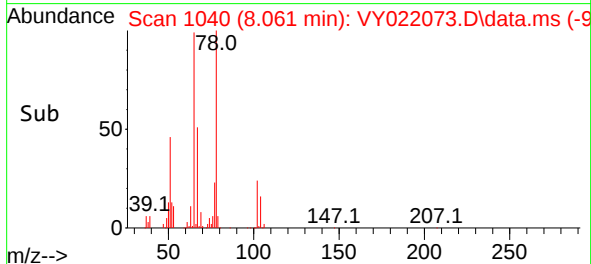
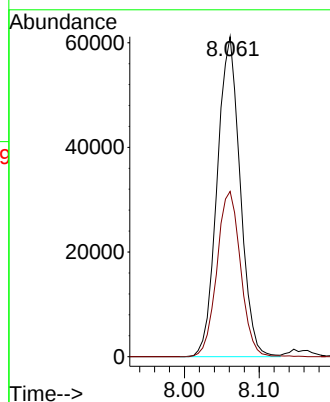
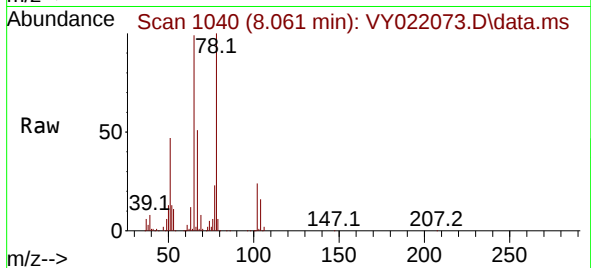
VY0430SBS01

Tgt Ion: 65 Resp: 130907

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

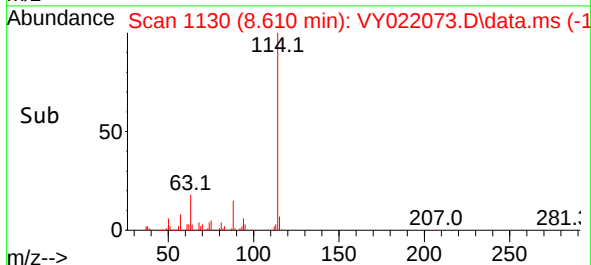
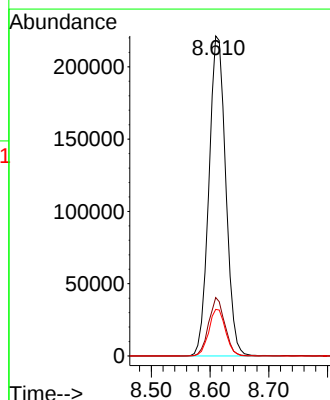
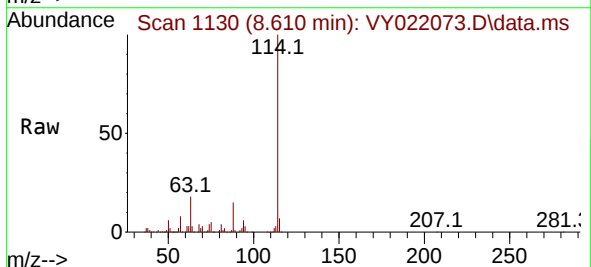
Tgt Ion: 114 Resp: 439988

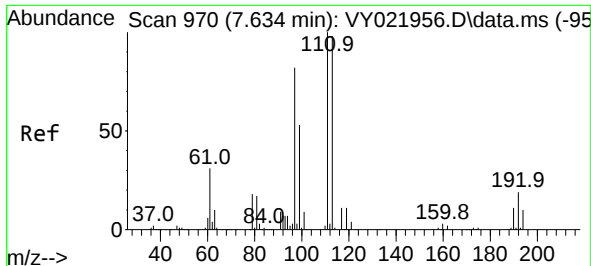
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.4

88 14.6 0.0 28.2

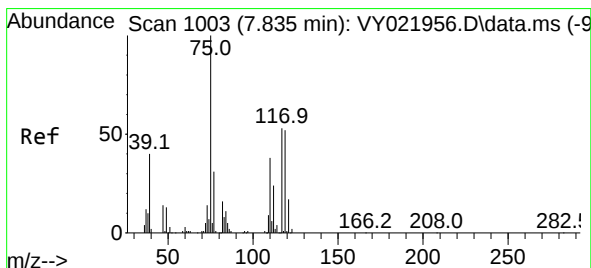
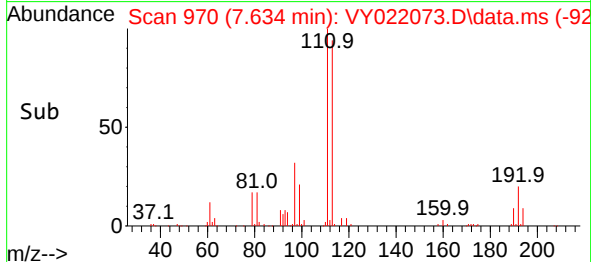
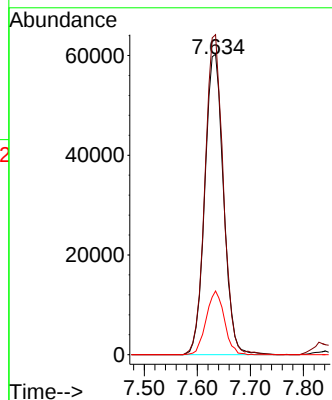
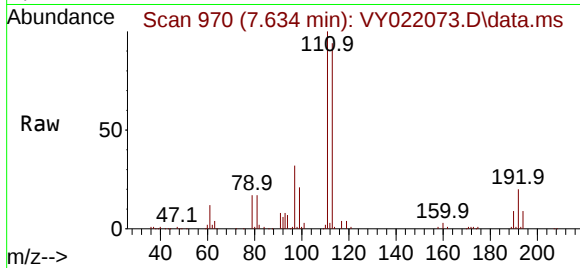




#35
Dibromofluoromethane
Concen: 50.796 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

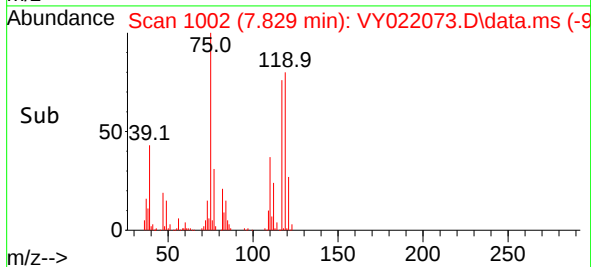
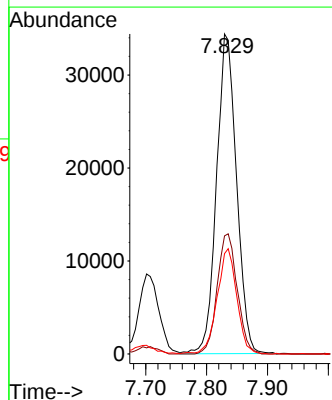
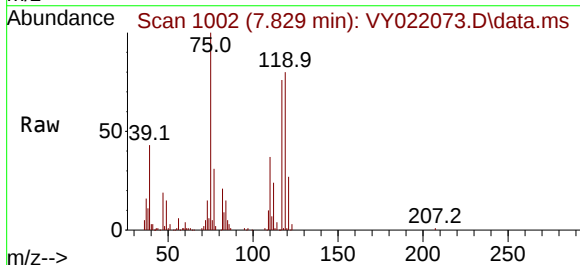
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

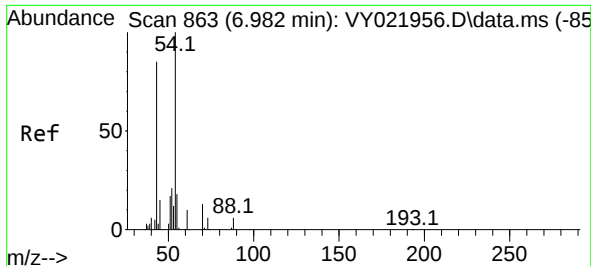
Tgt Ion:113 Resp: 147653
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 20.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.062 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 75 Resp: 78332
Ion Ratio Lower Upper
75 100
110 37.7 19.1 57.3
77 32.6 25.5 38.3





#37

Ethyl Acetate

Concen: 18.103 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

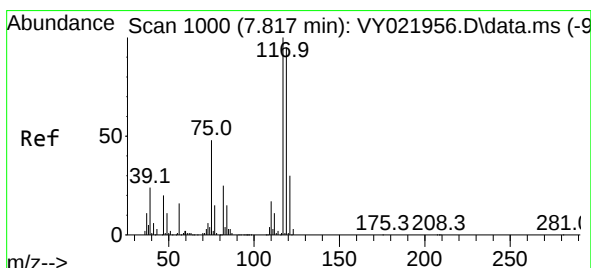
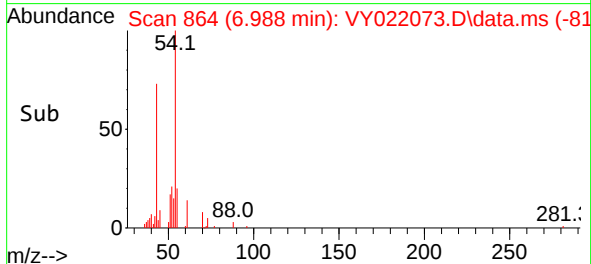
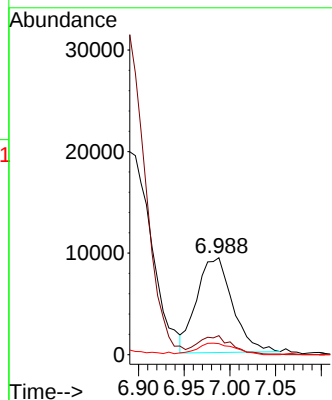
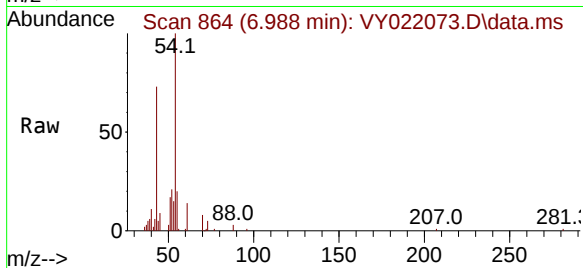
Tgt Ion: 43 Resp: 25387

Ion Ratio Lower Upper

43 100

61 19.0 13.8 20.6

70 12.8 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.744 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

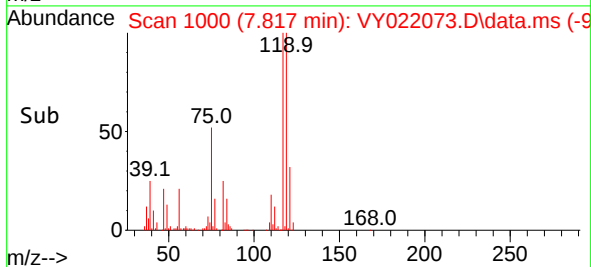
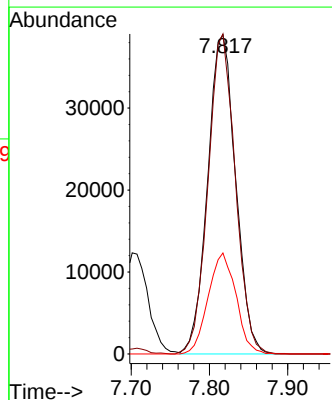
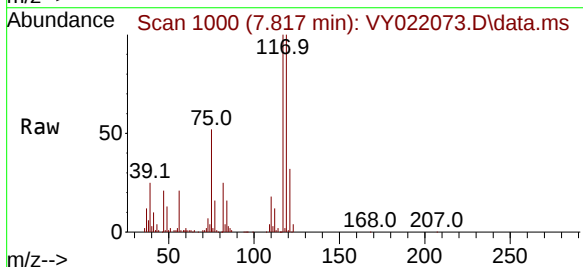
Tgt Ion: 117 Resp: 96787

Ion Ratio Lower Upper

117 100

119 100.1 76.2 114.4

121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.006 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

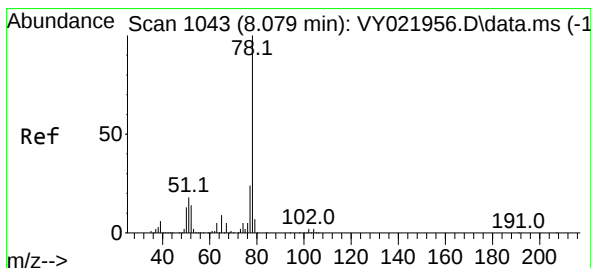
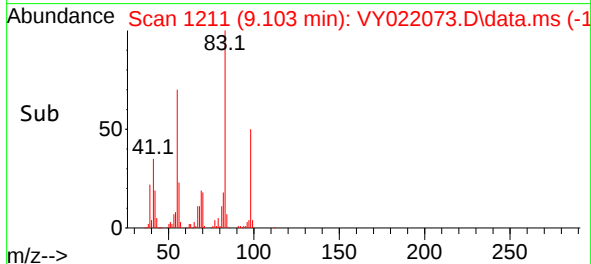
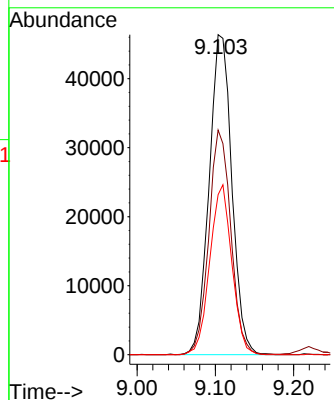
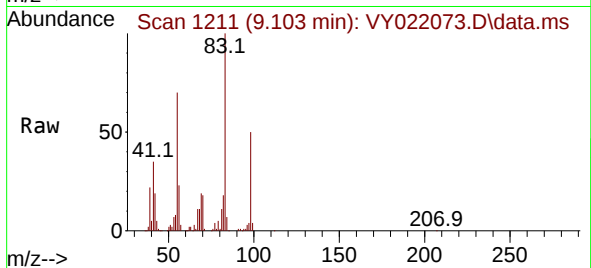
Tgt Ion: 83 Resp: 93388

Ion Ratio Lower Upper

83 100

55 70.1 50.6 75.8

98 50.0 38.6 58.0



#40

Benzene

Concen: 20.495 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022073.D

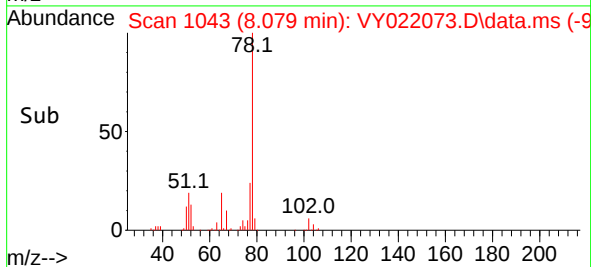
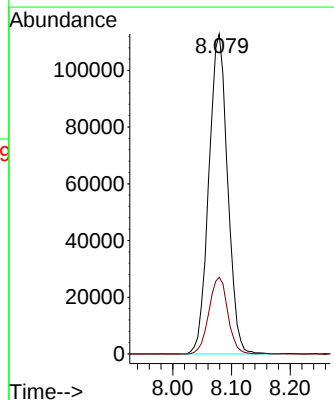
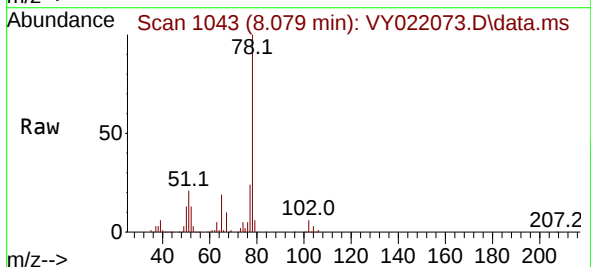
Acq: 30 Apr 2025 10:52

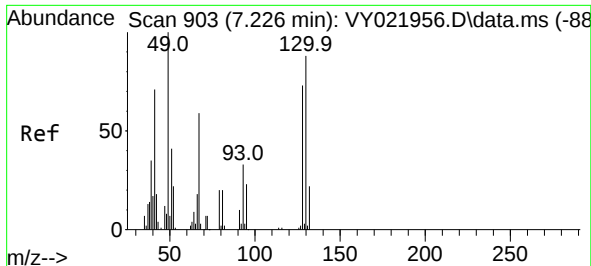
Tgt Ion: 78 Resp: 250157

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

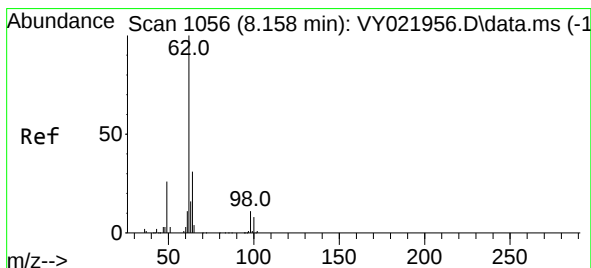
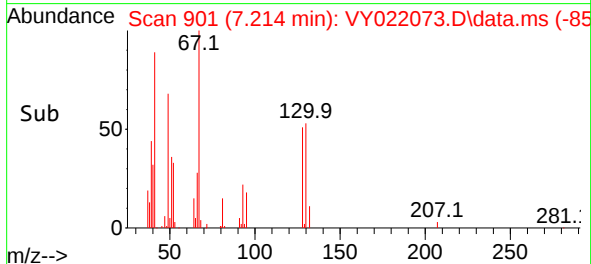
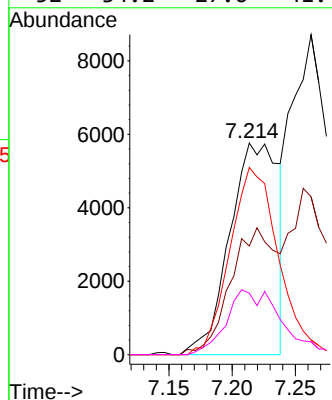
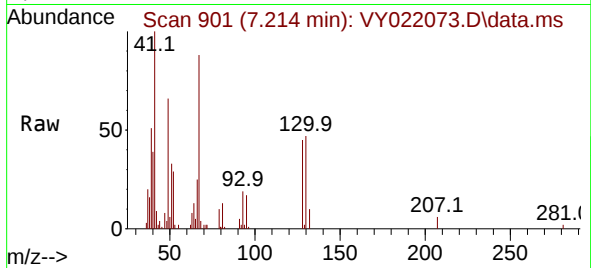




#41
Methacrylonitrile
Concen: 20.191 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

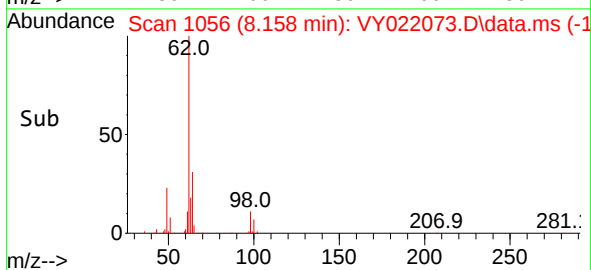
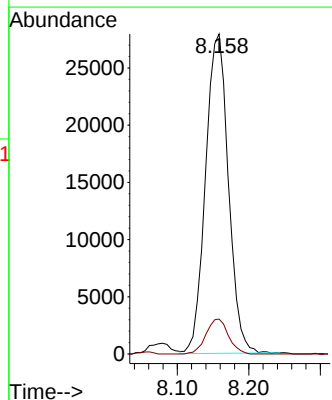
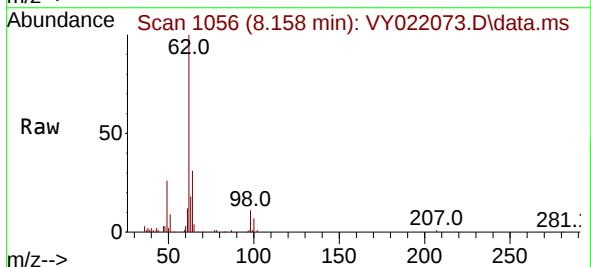
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

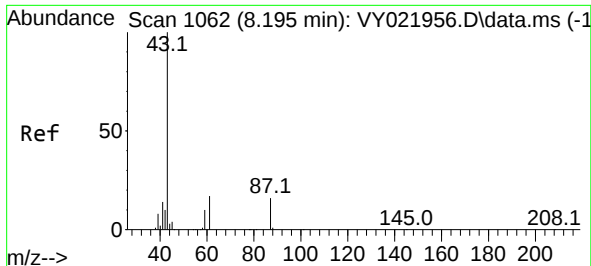
Tgt Ion: 41 Resp: 15478
Ion Ratio Lower Upper
41 100
39 56.8 36.6 55.0#
67 88.9 72.2 108.4
52 34.2 27.6 41.4



#42
1,2-Dichloroethane
Concen: 20.495 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 62 Resp: 61936
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0

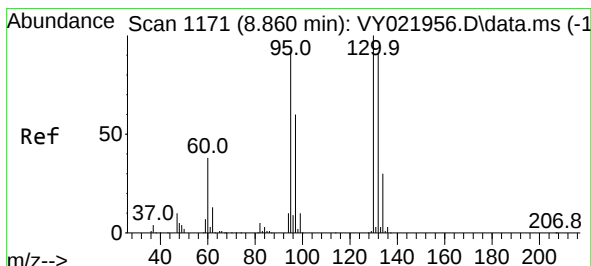
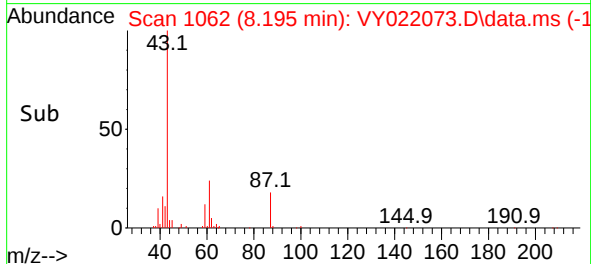
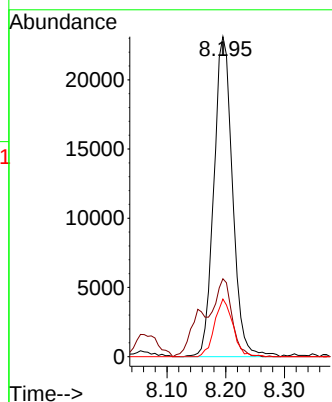
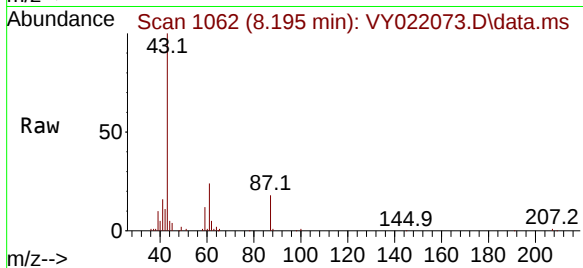




#43
Isopropyl Acetate
Concen: 18.937 ug/l
RT: 8.195 min Scan# 11062
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

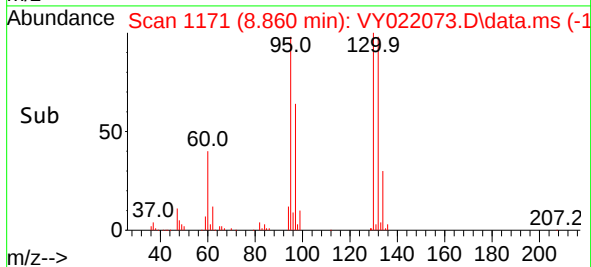
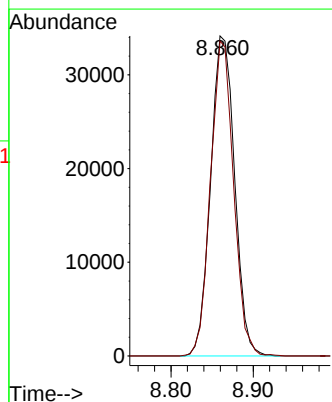
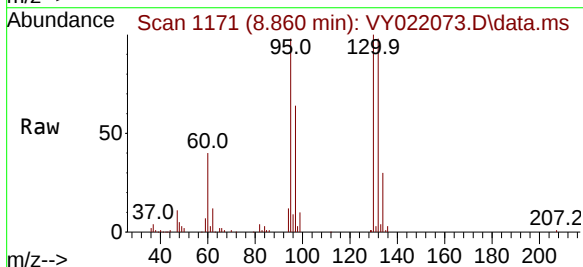
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

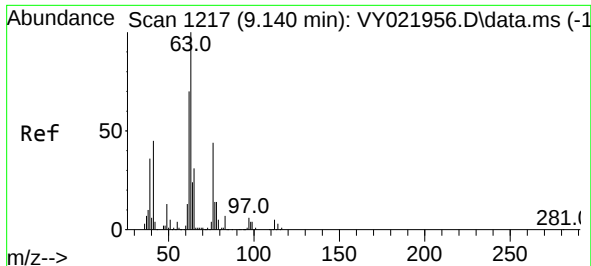
Tgt Ion: 43 Resp: 51000
Ion Ratio Lower Upper
43 100
61 22.8 18.9 28.3
87 17.7 13.7 20.5



#44
Trichloroethene
Concen: 20.497 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 130 Resp: 69297
Ion Ratio Lower Upper
130 100
95 98.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.352 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

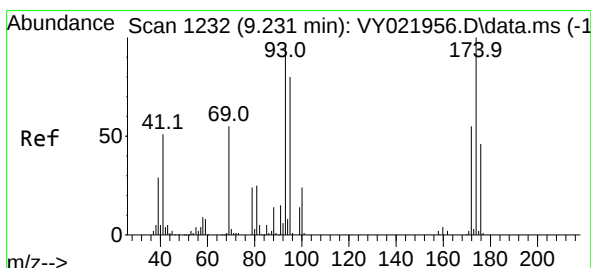
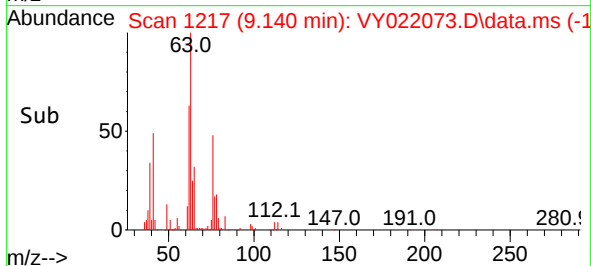
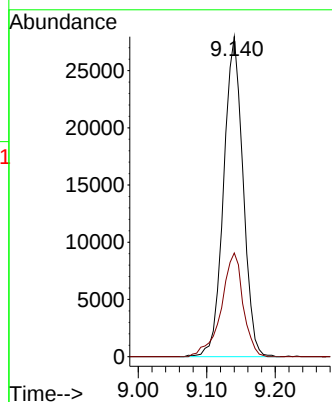
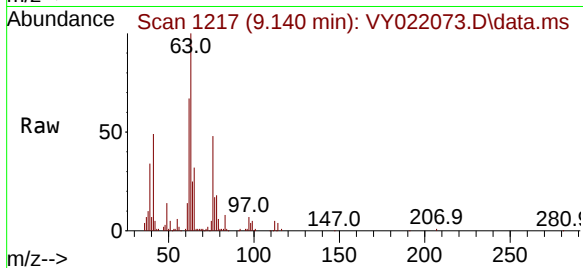
VY0430SBS01

Tgt Ion: 63 Resp: 54935

Ion Ratio Lower Upper

63 100

65 32.4 25.2 37.8



#46

Dibromomethane

Concen: 20.716 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

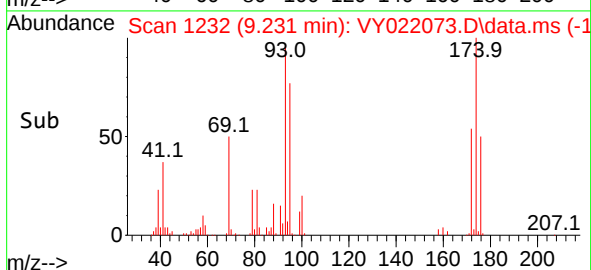
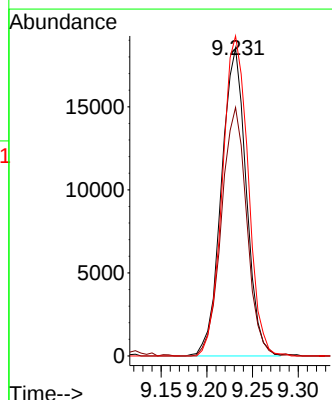
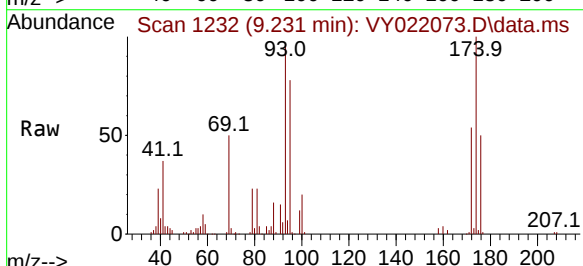
Tgt Ion: 93 Resp: 35003

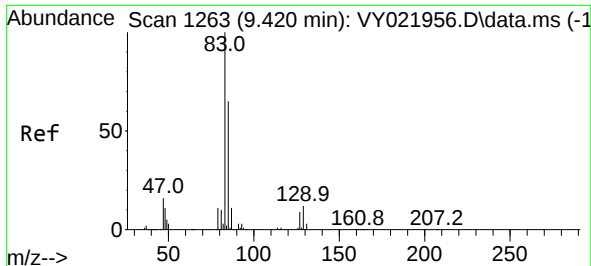
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

174 107.4 84.6 127.0

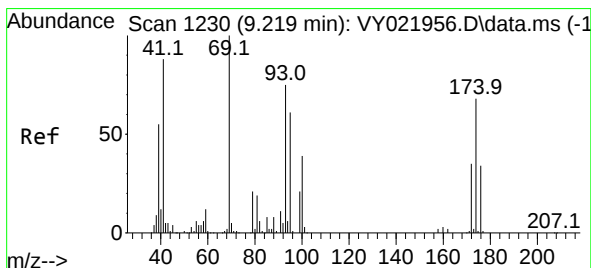
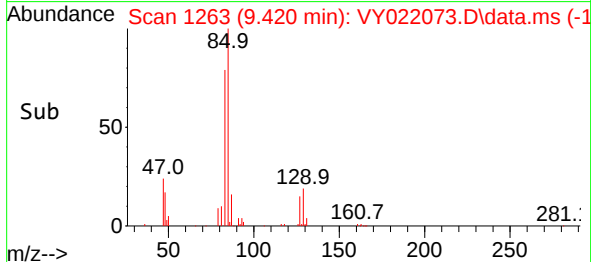
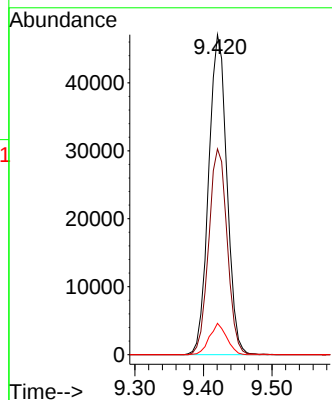
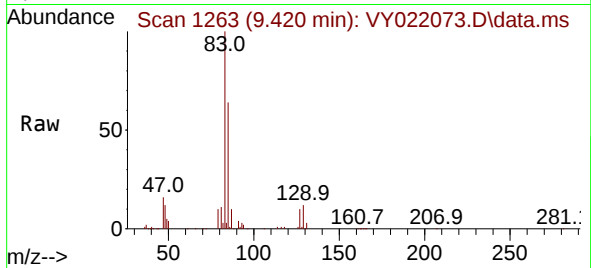




#47
Bromodichloromethane
Concen: 20.639 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

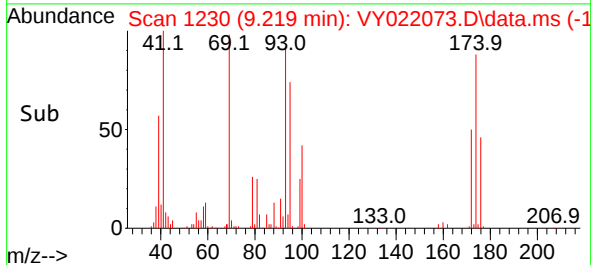
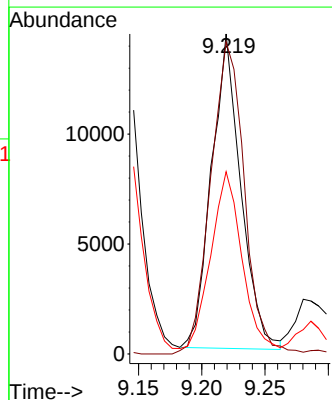
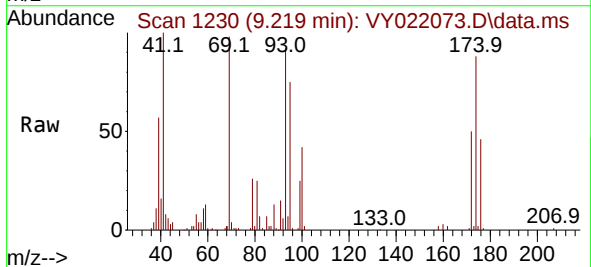
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

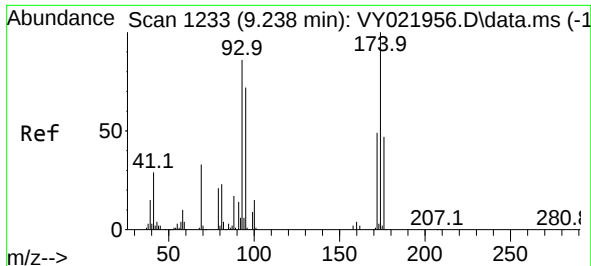
Tgt Ion: 83 Resp: 87120
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8
127 9.8 7.0 10.6



#48
Methyl methacrylate
Concen: 18.560 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 41 Resp: 23107
Ion Ratio Lower Upper
41 100
69 113.2 85.5 128.3
39 59.4 46.2 69.4





#49

1,4-Dioxane

Concen: 414.120 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

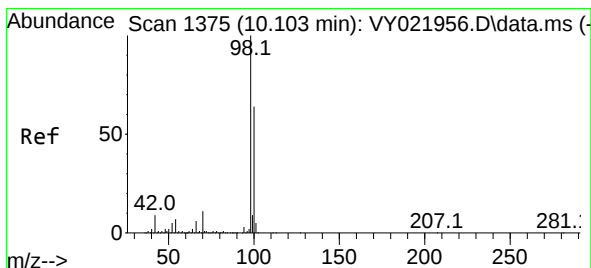
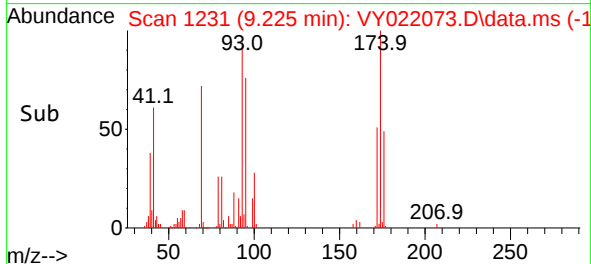
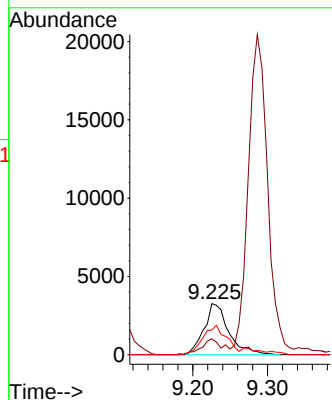
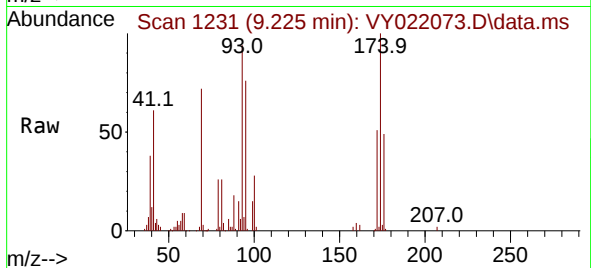
Tgt Ion: 88 Resp: 7458

Ion Ratio Lower Upper

88 100

43 26.1 21.3 31.9

58 55.6 50.5 75.7



#50

Toluene-d8

Concen: 51.341 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022073.D

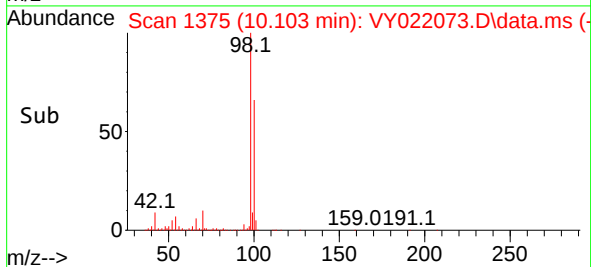
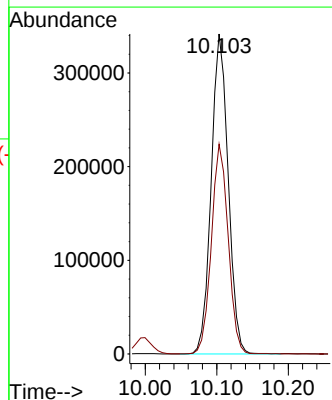
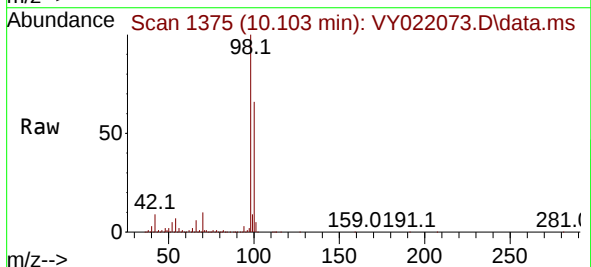
Acq: 30 Apr 2025 10:52

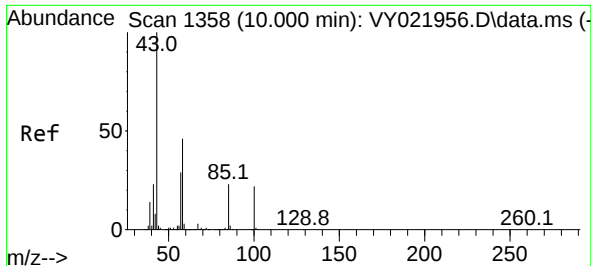
Tgt Ion: 98 Resp: 562631

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

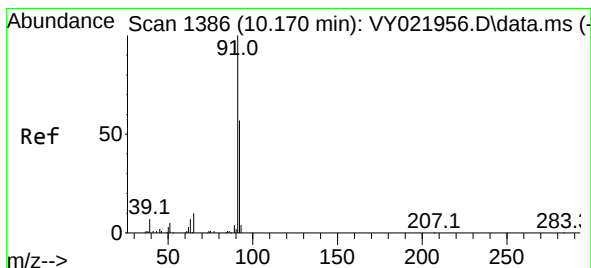
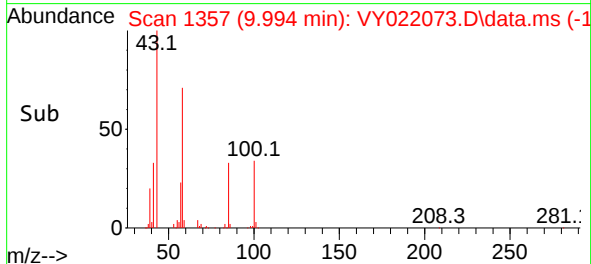
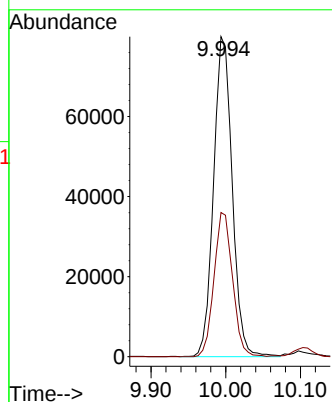
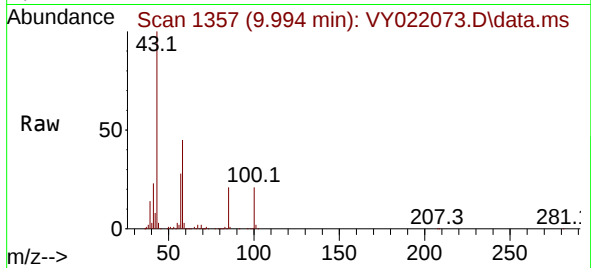




#51
4-Methyl-2-Pentanone
Concen: 98.525 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

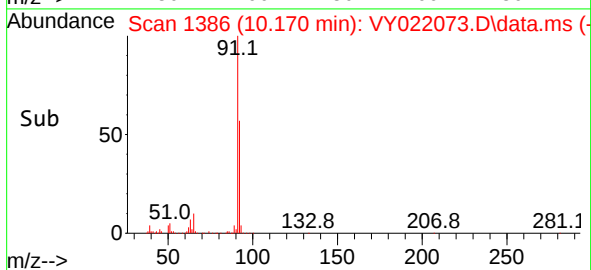
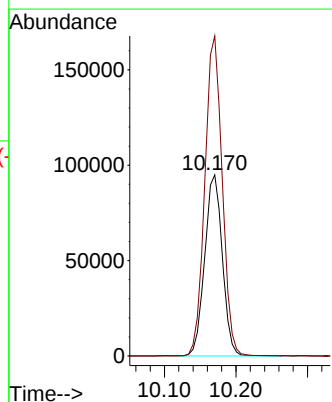
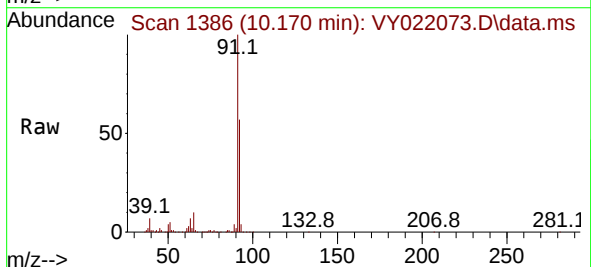
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

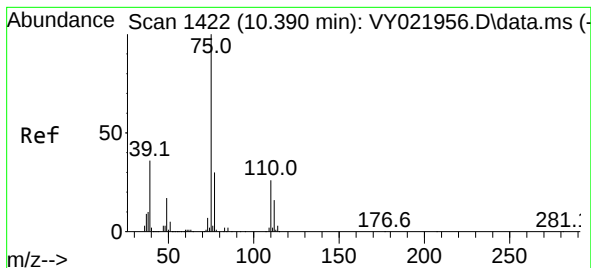
Tgt Ion: 43 Resp: 139092
Ion Ratio Lower Upper
43 100
58 44.7 36.6 55.0



#52
Toluene
Concen: 20.541 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 92 Resp: 162291
Ion Ratio Lower Upper
92 100
91 174.7 138.6 207.8

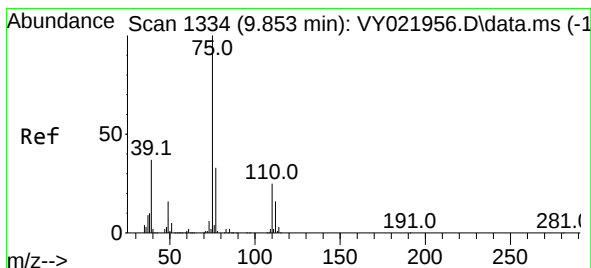
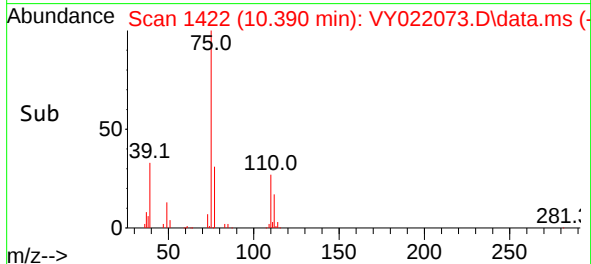
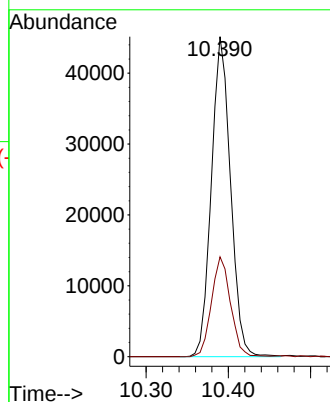
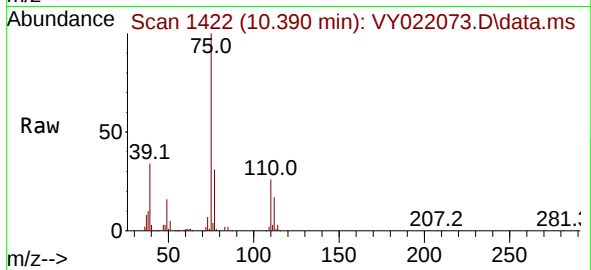




#53
t-1,3-Dichloropropene
Concen: 20.190 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

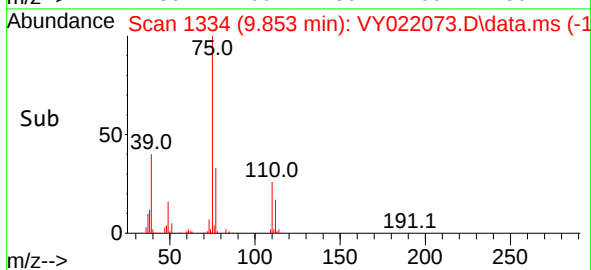
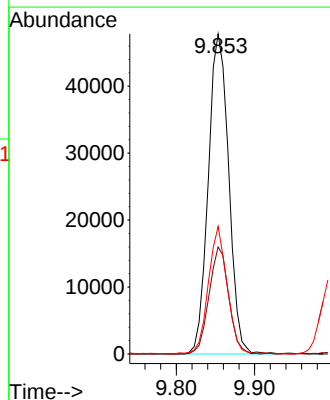
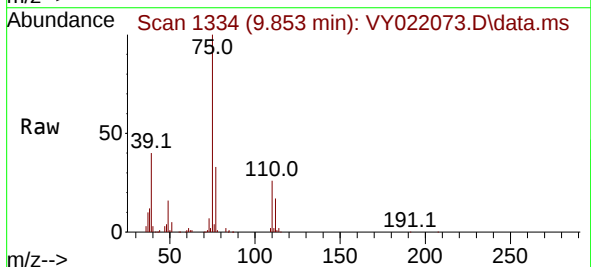
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

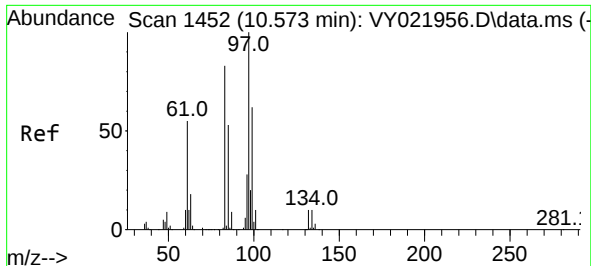
Tgt Ion: 75 Resp: 73102
Ion Ratio Lower Upper
75 100
77 31.2 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 20.088 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 75 Resp: 86456
Ion Ratio Lower Upper
75 100
77 33.5 26.6 40.0
39 39.9 29.6 44.4

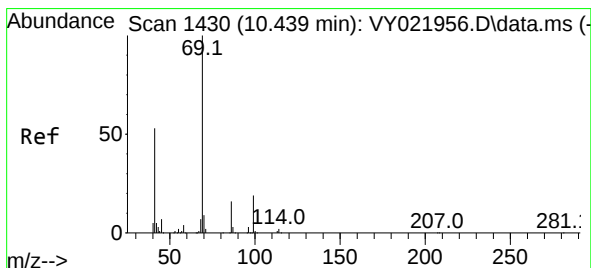
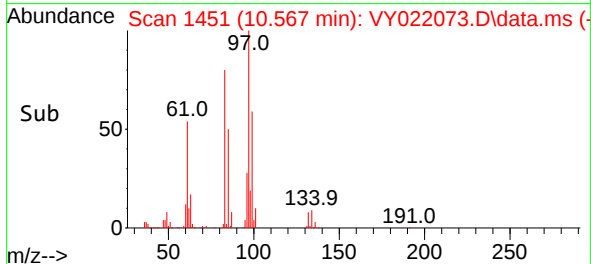
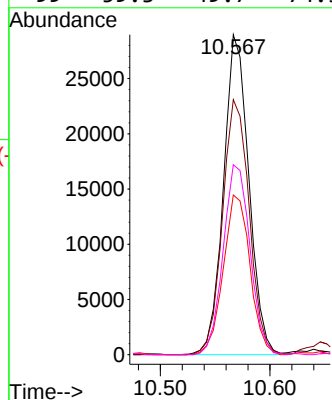
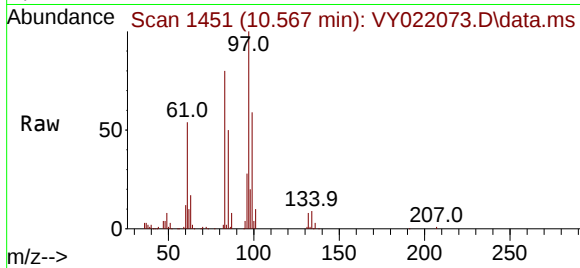




#55
1,1,2-Trichloroethane
Concen: 20.636 ug/l
RT: 10.567 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

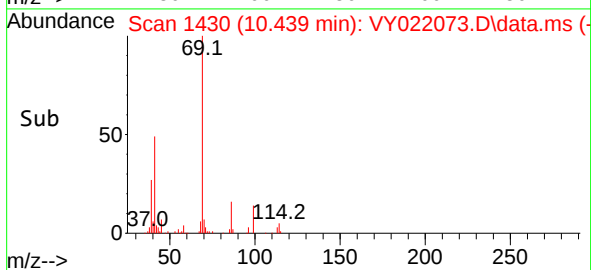
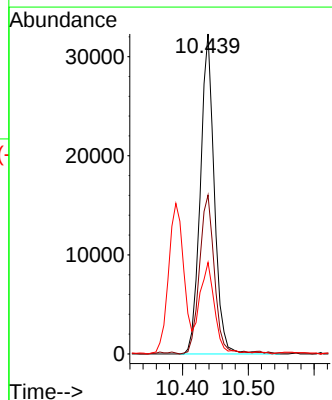
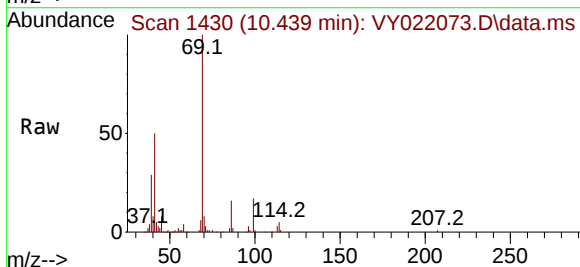
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

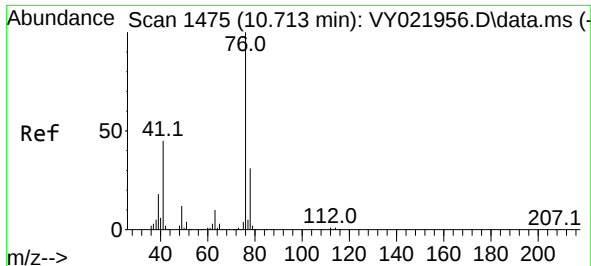
Tgt Ion: 97	Resp: 46575
Ion Ratio	Lower Upper
97 100	
83 79.7	66.7 100.1
85 49.9	42.6 64.0
99 59.3	49.7 74.5



#56
Ethyl methacrylate
Concen: 18.509 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 69	Resp: 47773
Ion Ratio	Lower Upper
69 100	
41 52.9	40.7 61.1
39 29.9	23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.414 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

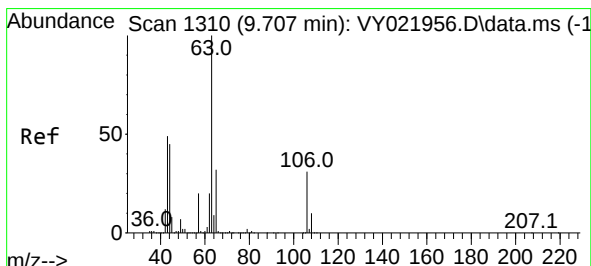
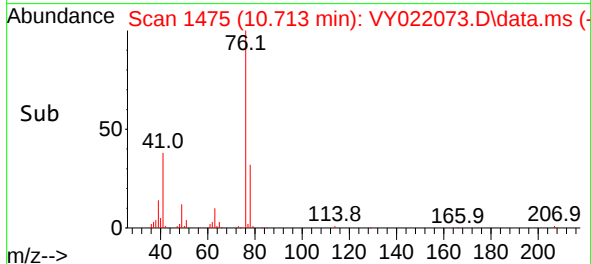
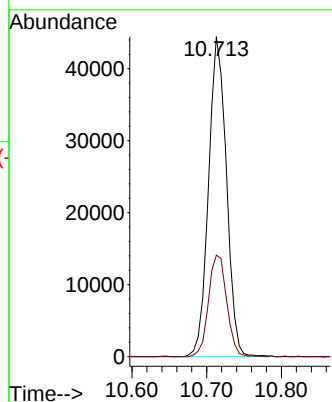
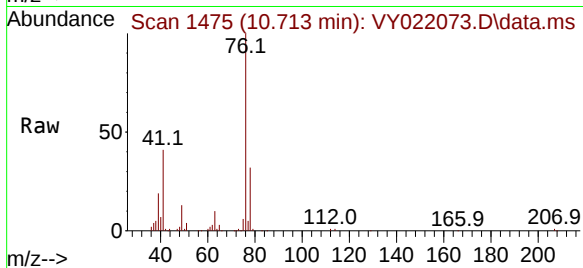
VY0430SBS01

Tgt Ion: 76 Resp: 73864

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.525 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022073.D

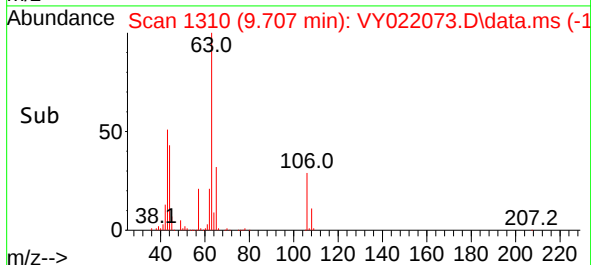
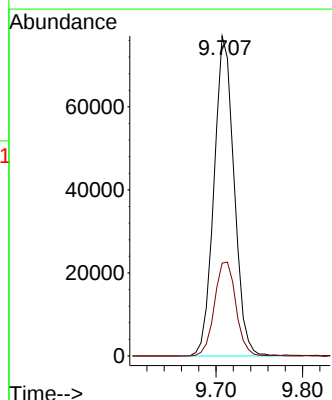
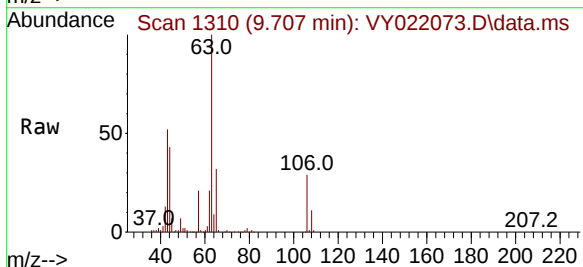
Acq: 30 Apr 2025 10:52

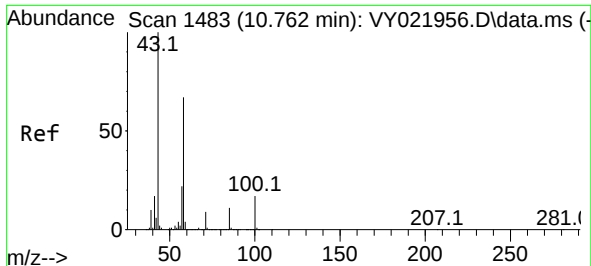
Tgt Ion: 63 Resp: 124335

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9

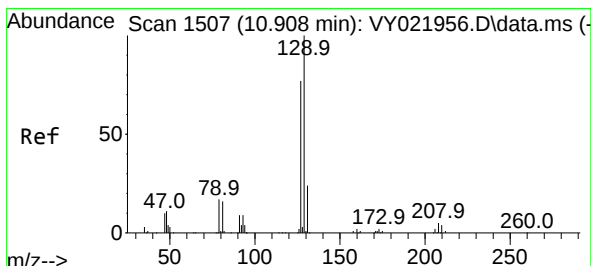
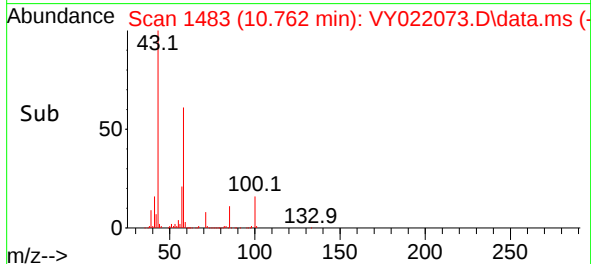
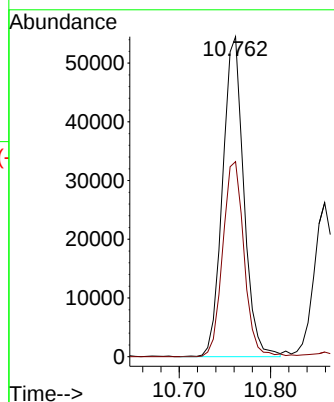
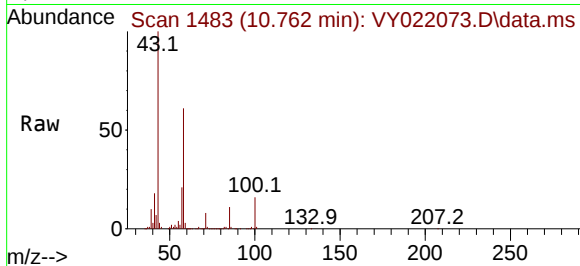




#59
2-Hexanone
Concen: 94.317 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

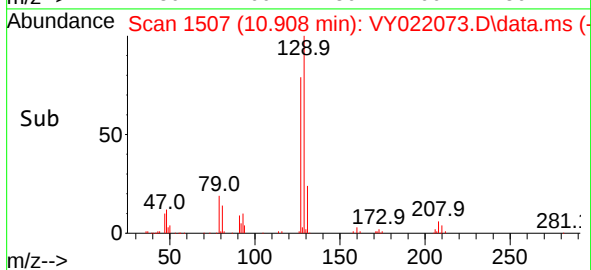
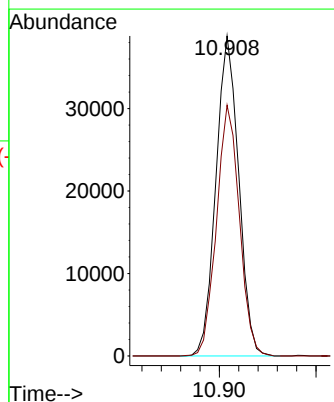
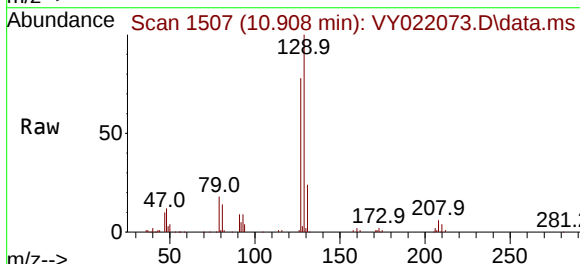
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

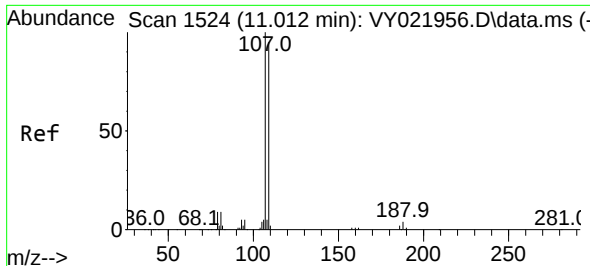
Tgt Ion: 43 Resp: 87825
Ion Ratio Lower Upper
43 100
58 61.4 32.0 96.0



#60
Dibromochloromethane
Concen: 20.235 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 129 Resp: 63230
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3

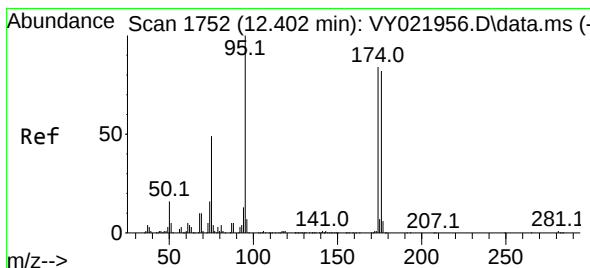
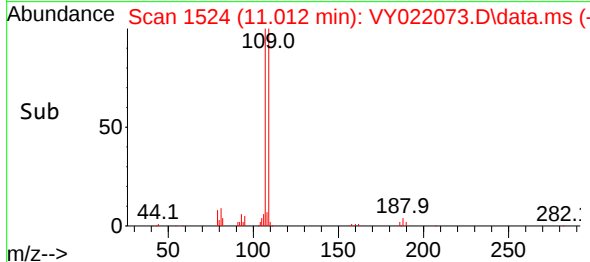
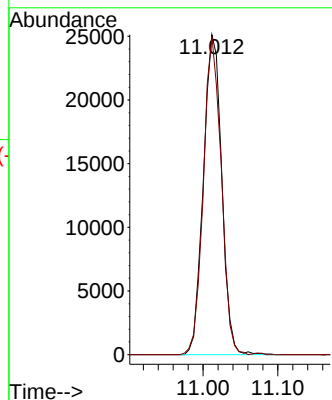
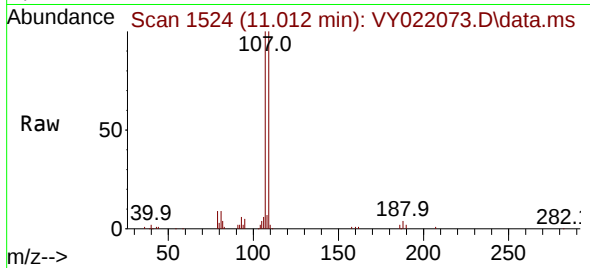




#61
1,2-Dibromoethane
Concen: 20.084 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

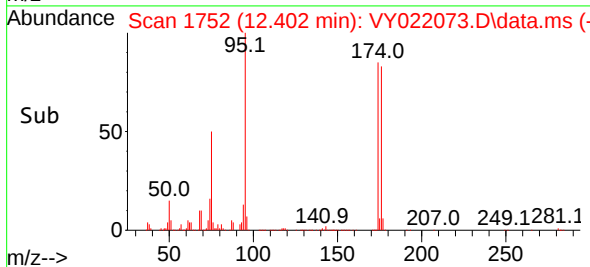
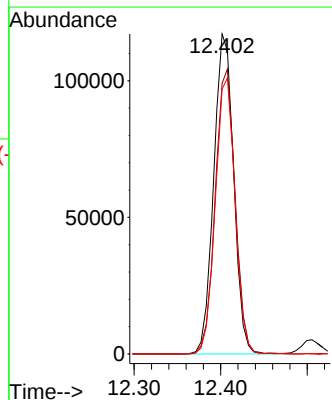
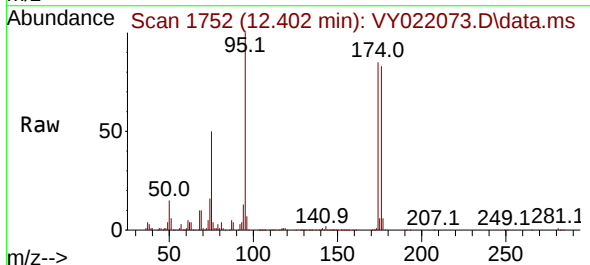
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

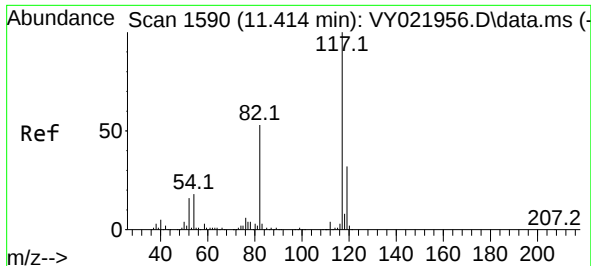
Tgt Ion:107 Resp: 42794
Ion Ratio Lower Upper
107 100
109 96.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 95 Resp: 187095
Ion Ratio Lower Upper
95 100
174 88.8 0.0 179.0
176 85.5 0.0 171.8

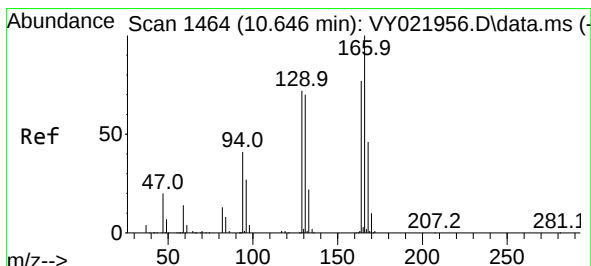
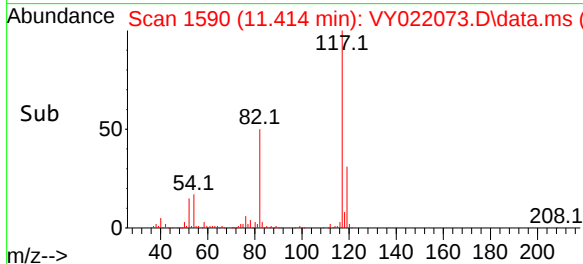
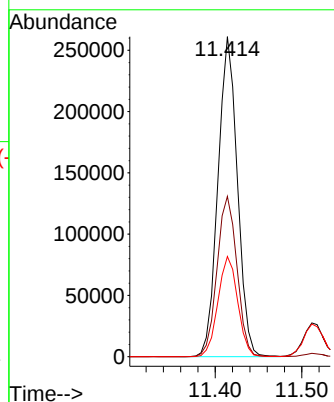
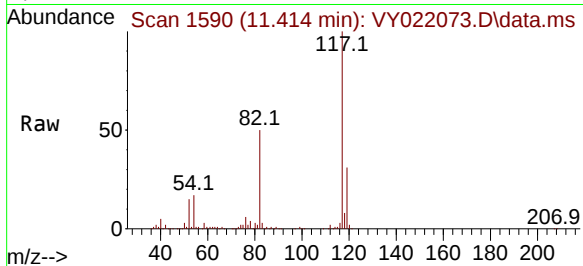




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

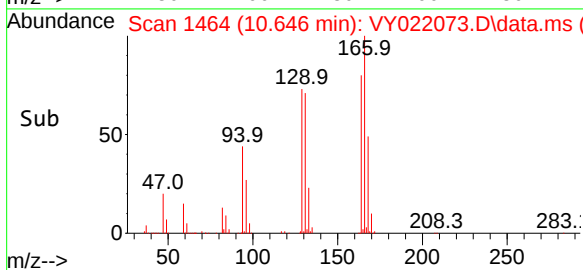
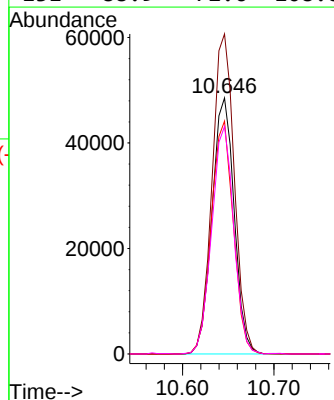
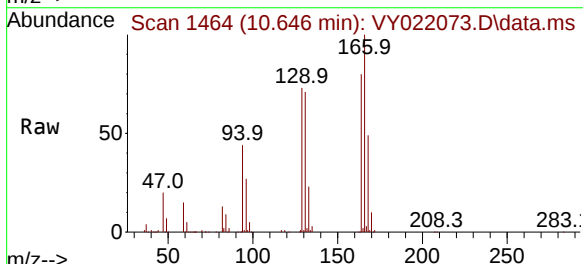
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

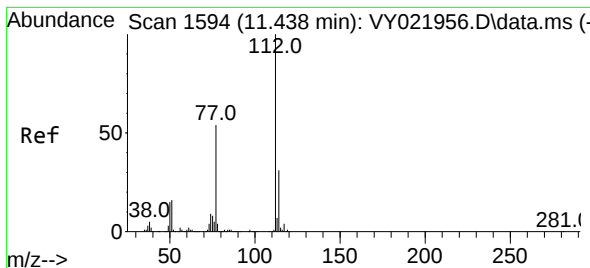
Tgt Ion:117 Resp: 406945
Ion Ratio Lower Upper
117 100
82 50.1 42.1 63.1
119 31.3 25.7 38.5



#64
Tetrachloroethene
Concen: 21.295 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion:164 Resp: 81751
Ion Ratio Lower Upper
164 100
166 125.0 103.6 155.4
129 90.9 74.2 111.4
131 88.9 72.6 108.8

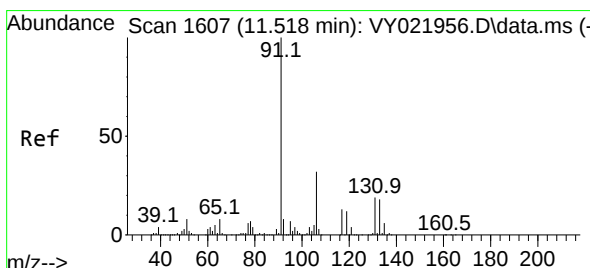
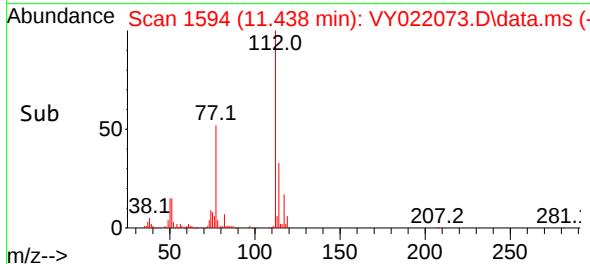
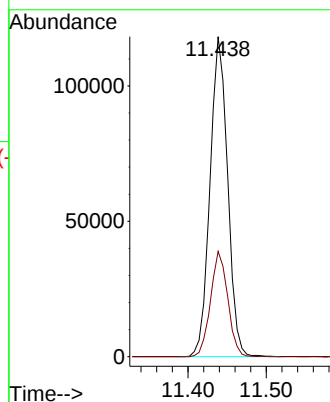
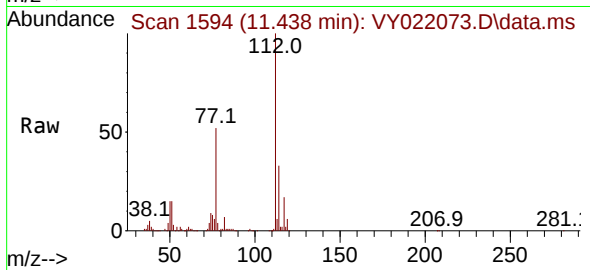




#65
Chlorobenzene
Concen: 20.255 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

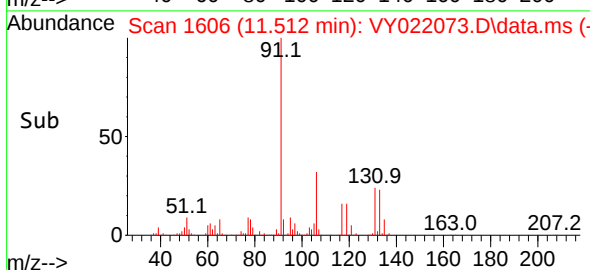
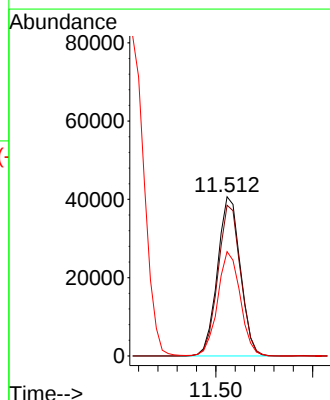
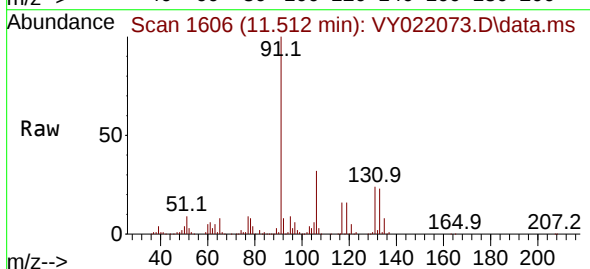
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

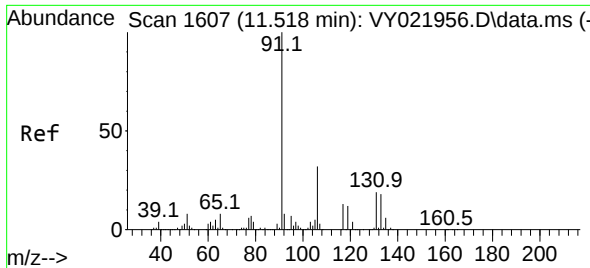
Tgt Ion:112 Resp: 184325
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.780 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion:131 Resp: 66577
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 65.1 32.4 97.0

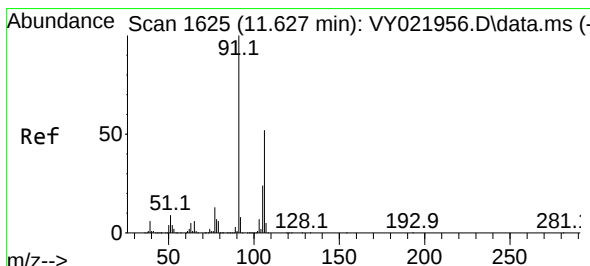
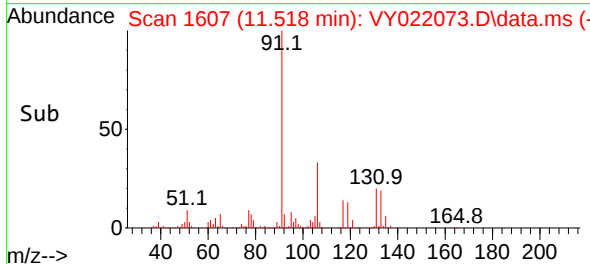
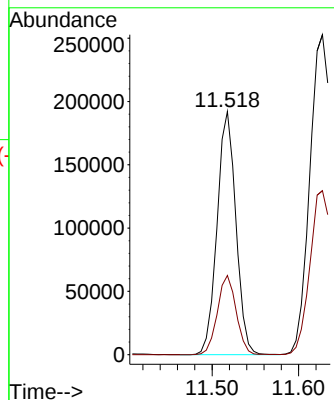
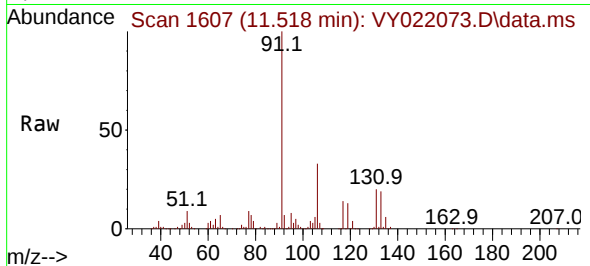




#67
Ethyl Benzene
Concen: 19.445 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

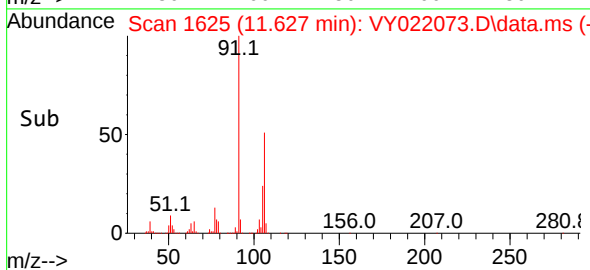
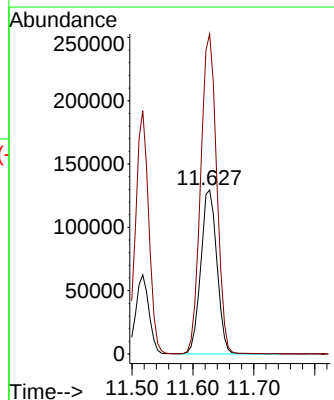
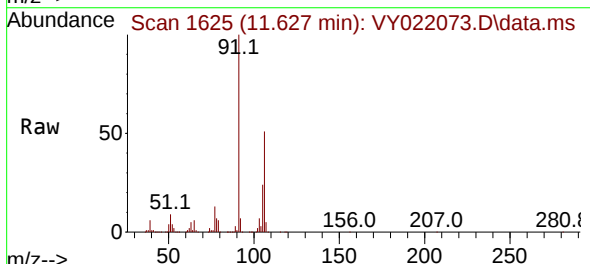
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

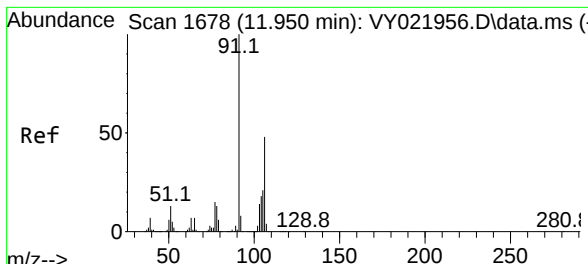
Tgt Ion: 91 Resp: 289472
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9



#68
m/p-Xylenes
Concen: 40.269 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 106 Resp: 238544
Ion Ratio Lower Upper
106 100
91 193.4 156.2 234.2

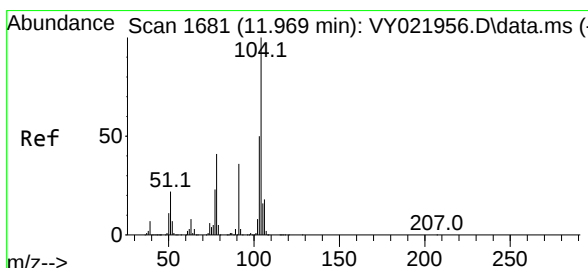
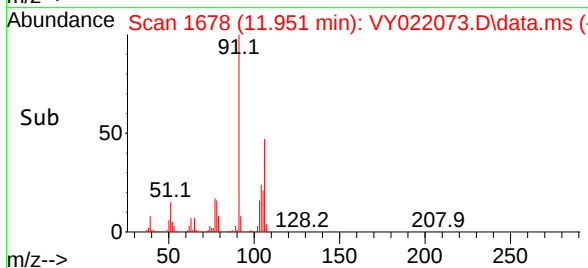
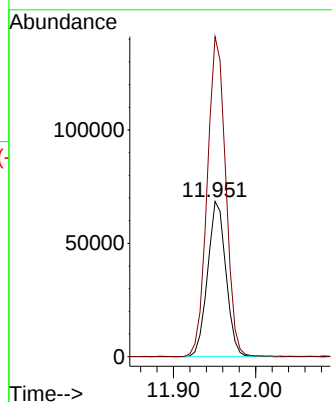
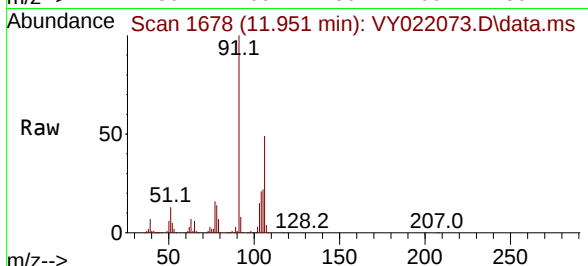




#69
o-Xylene
Concen: 19.403 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

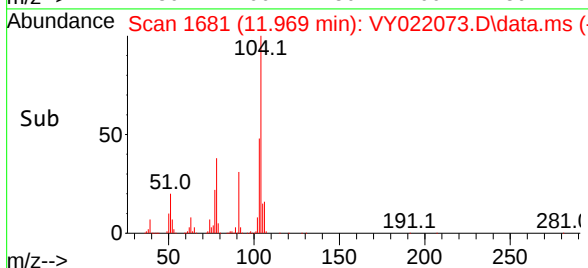
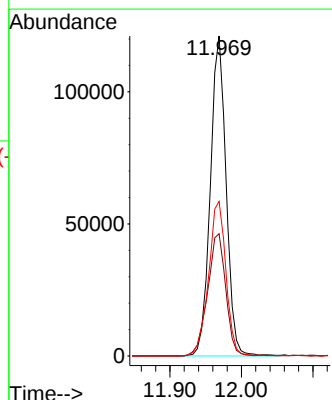
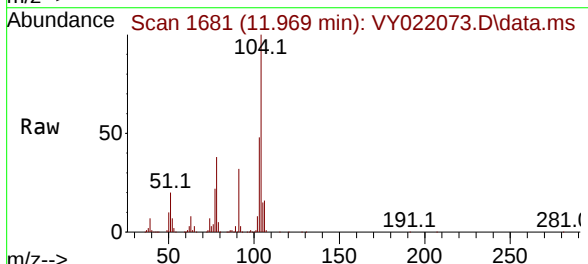
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

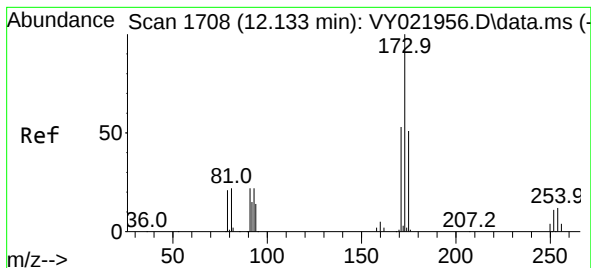
Tgt Ion:106 Resp: 105935
Ion Ratio Lower Upper
106 100
91 207.9 103.0 308.9



#70
Styrene
Concen: 20.278 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion:104 Resp: 185895
Ion Ratio Lower Upper
104 100
78 44.1 36.6 54.8
103 53.5 43.8 65.8





#71

Bromoform

Concen: 20.254 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

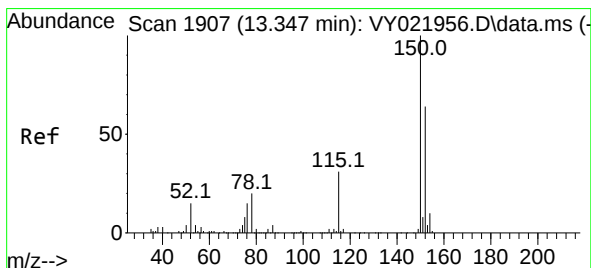
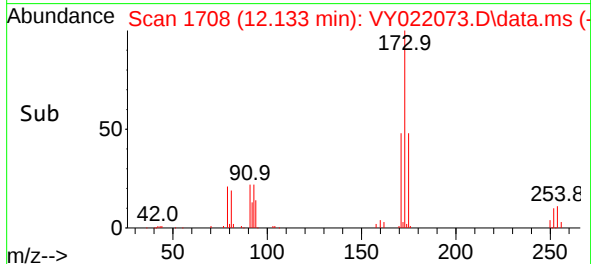
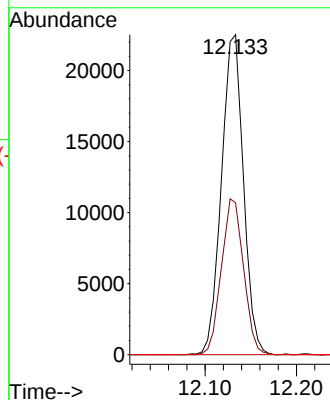
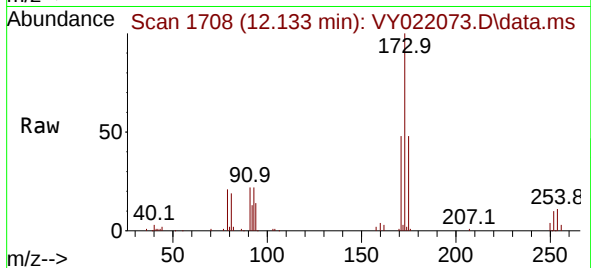
Tgt Ion:173 Resp: 37727

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

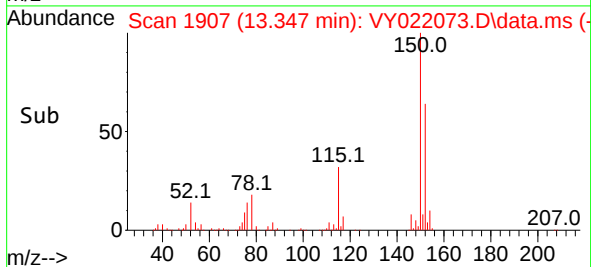
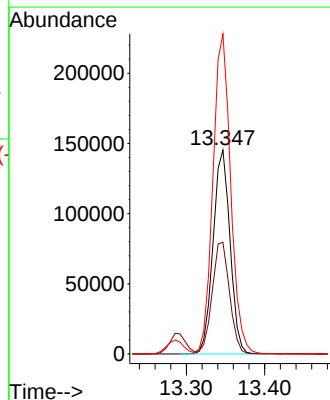
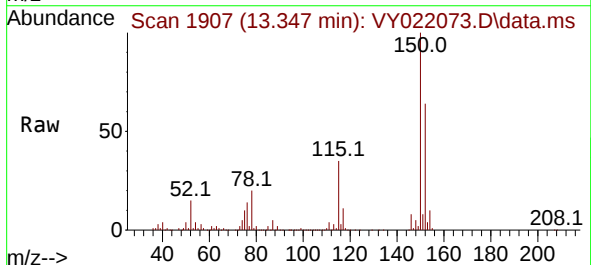
Tgt Ion:152 Resp: 218185

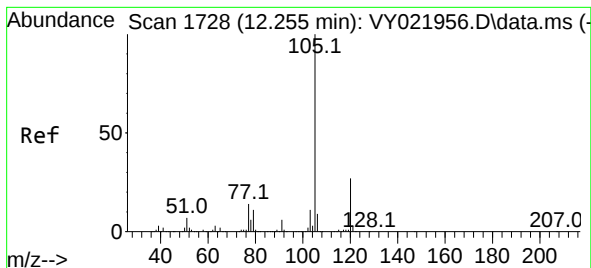
Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 164.4 0.0 345.6





#73

Isopropylbenzene

Concen: 19.257 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

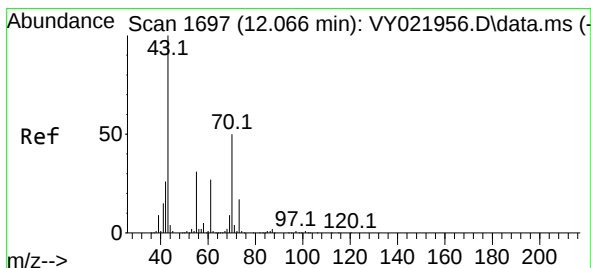
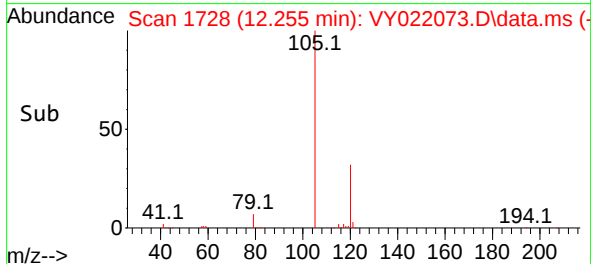
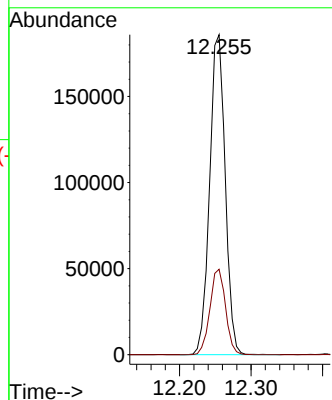
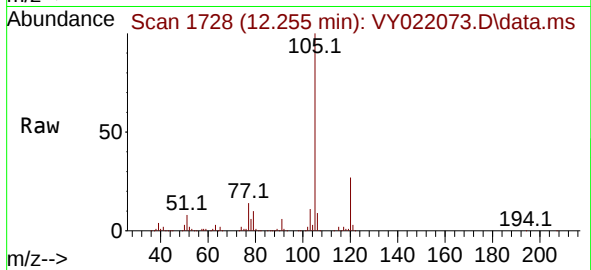
VY0430SBS01

Tgt Ion:105 Resp: 280709

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 17.652 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Tgt Ion: 43 Resp: 44208

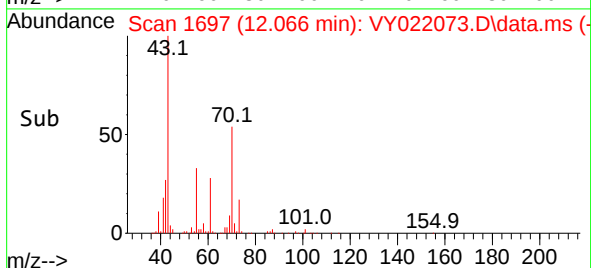
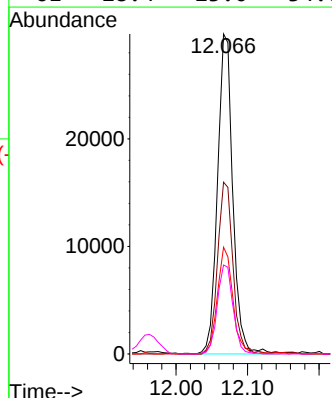
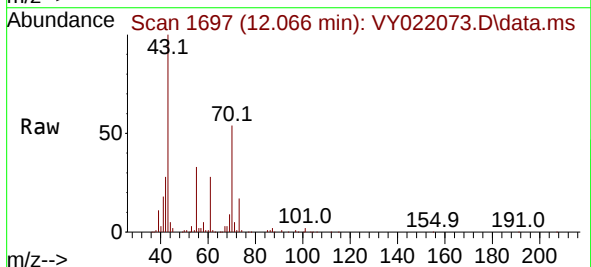
Ion Ratio Lower Upper

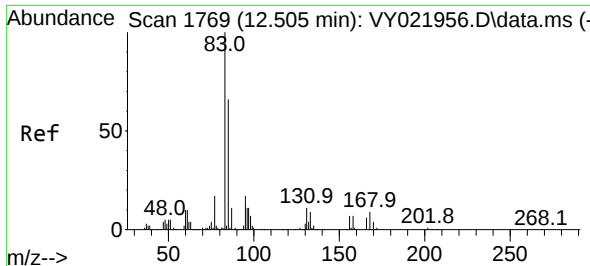
43 100

70 54.0 43.2 64.8

55 33.7 25.7 38.5

61 28.4 23.0 34.6

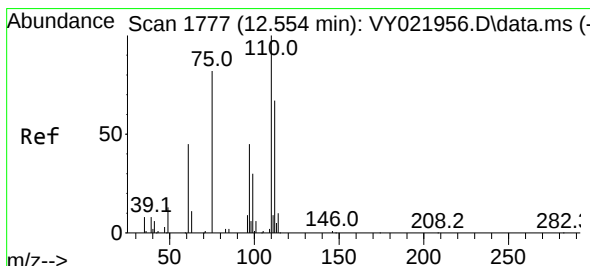
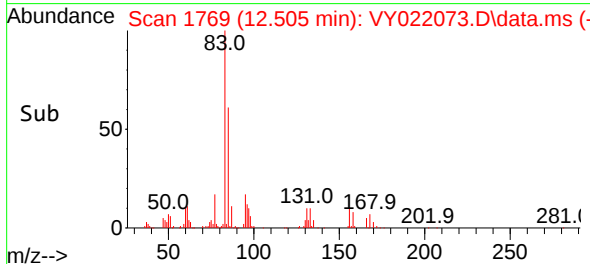
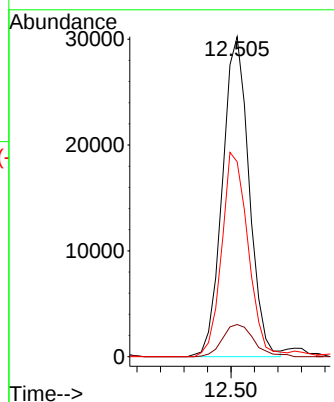
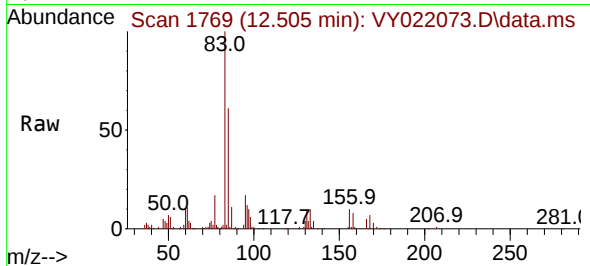




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.358 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

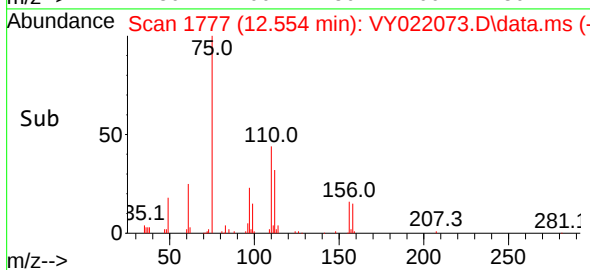
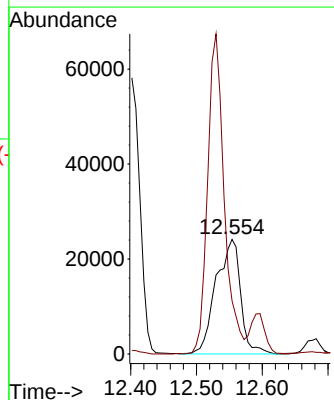
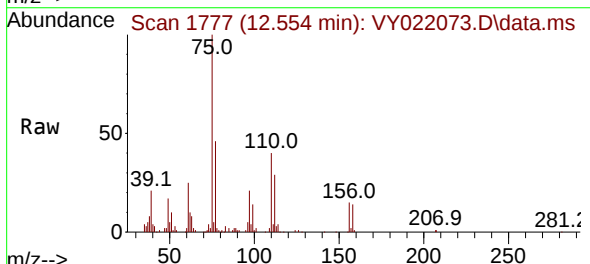
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

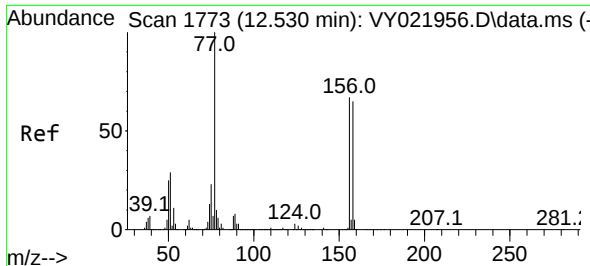
Tgt Ion: 83 Resp: 47576
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.5 16.4
 85 63.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.632 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

Tgt Ion: 75 Resp: 62854
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

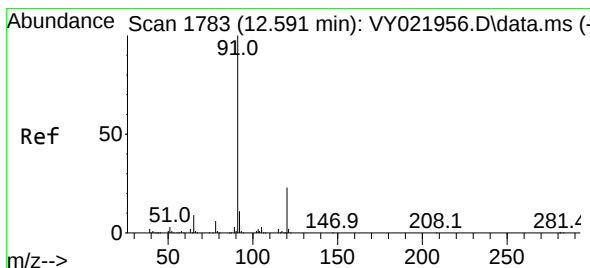
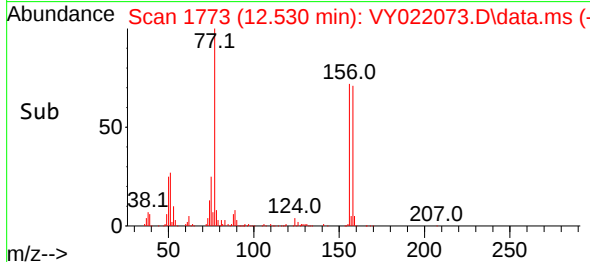
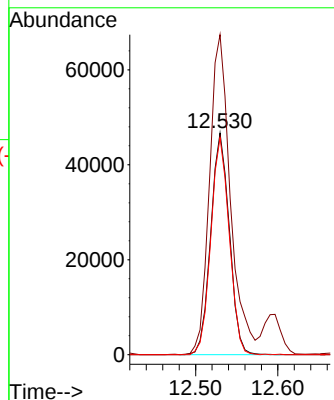
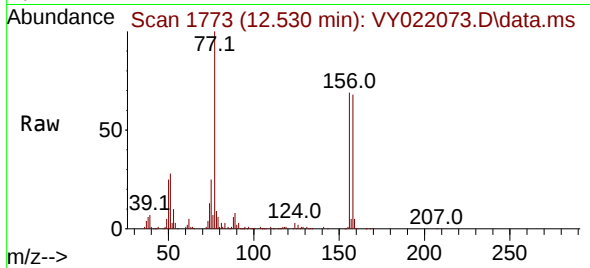




#77
Bromobenzene
Concen: 19.937 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

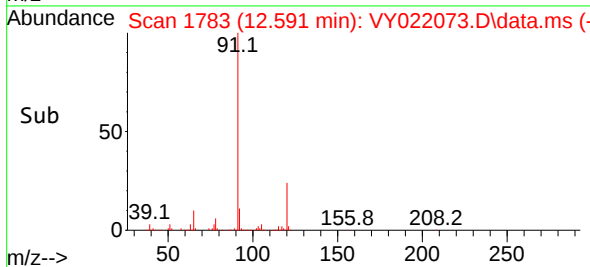
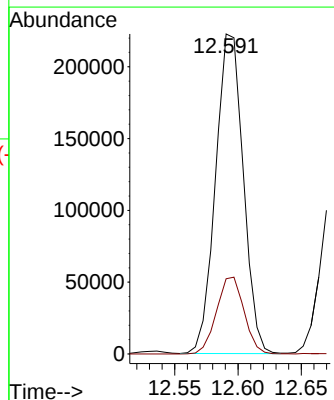
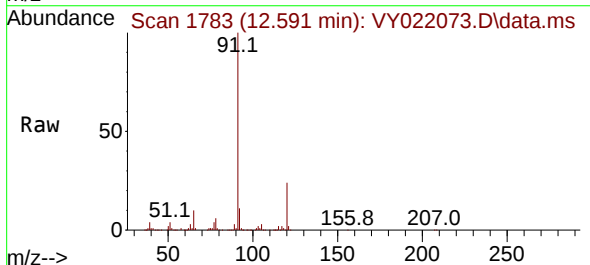
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

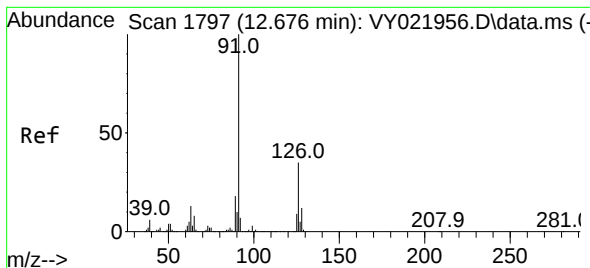
Tgt Ion:156 Resp: 73436
Ion Ratio Lower Upper
156 100
77 162.2 82.7 248.1
158 96.7 48.1 144.4



#78
n-propylbenzene
Concen: 19.541 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 91 Resp: 339221
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

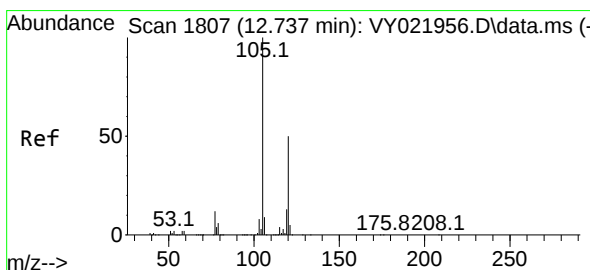
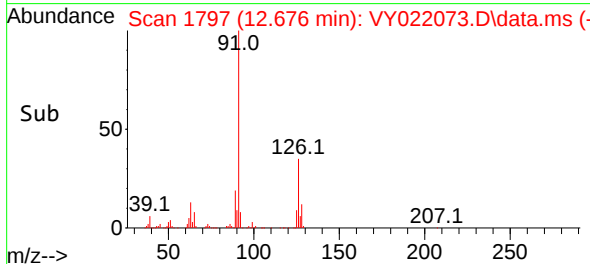
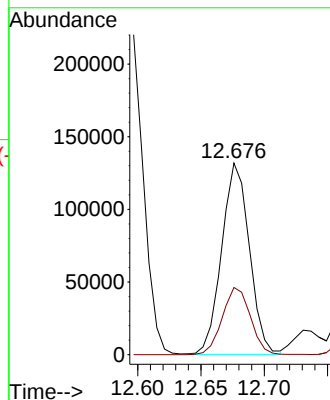
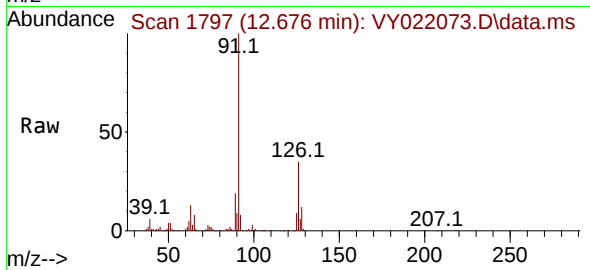




#79
2-Chlorotoluene
Concen: 19.887 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

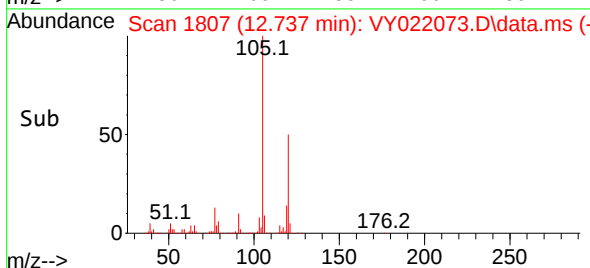
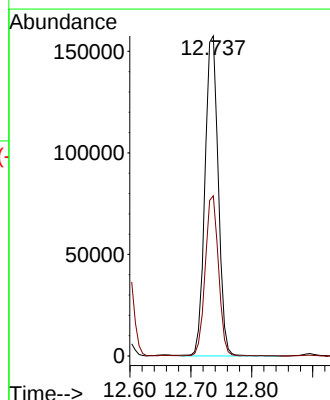
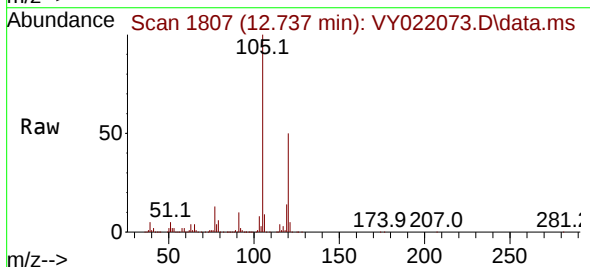
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

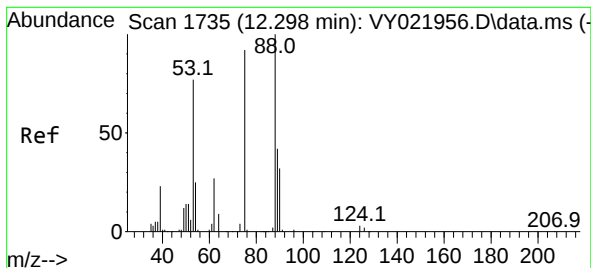
Tgt Ion: 91 Resp: 200769
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 19.917 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 105 Resp: 239215
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0

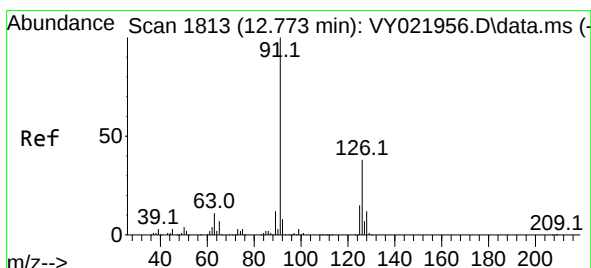
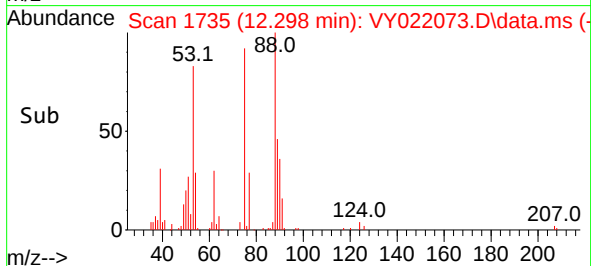
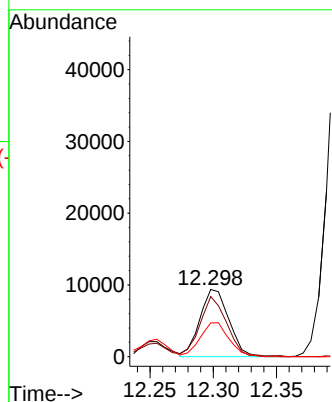
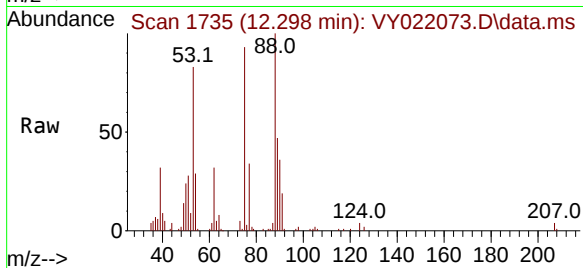




#81
trans-1,4-Dichloro-2-butene
Concen: 19.187 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

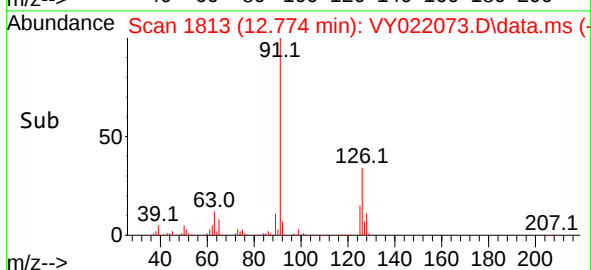
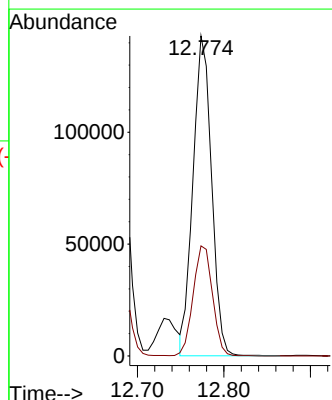
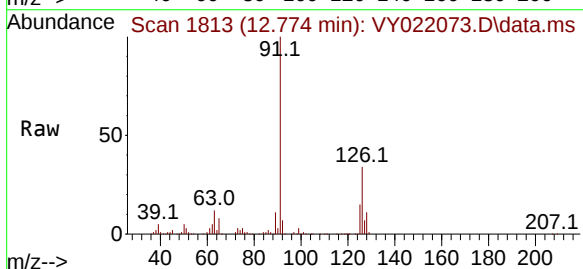
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBSD01

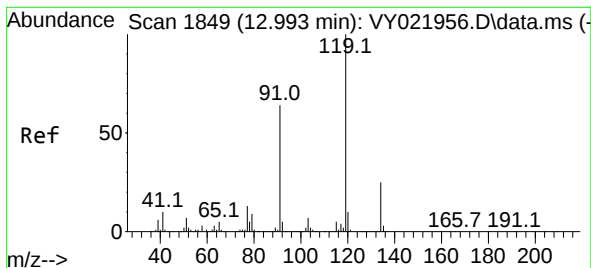
Tgt Ion: 75 Resp: 14890
Ion Ratio Lower Upper
75 100
53 83.2 66.0 99.0
89 50.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.274 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion: 91 Resp: 212766
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.443 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

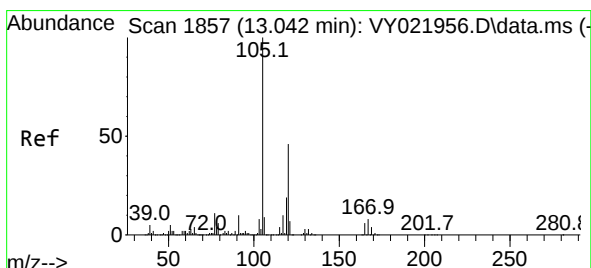
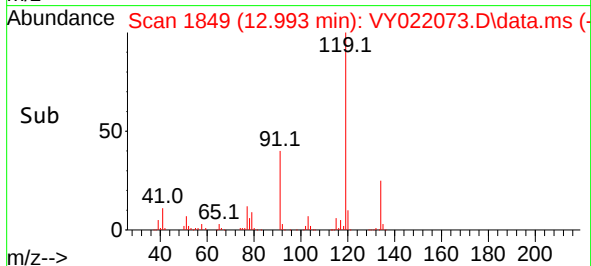
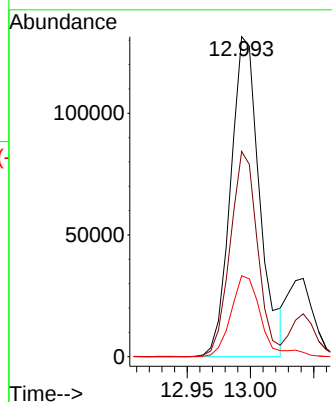
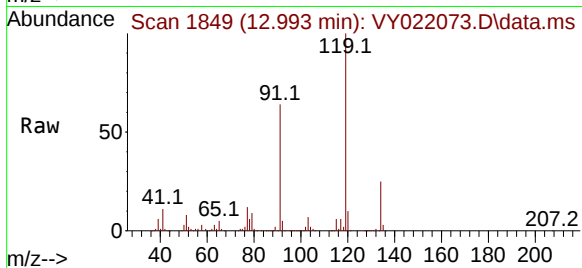
Tgt Ion:119 Resp: 209440

Ion Ratio Lower Upper

119 100

91 60.6 30.3 90.9

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.863 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022073.D

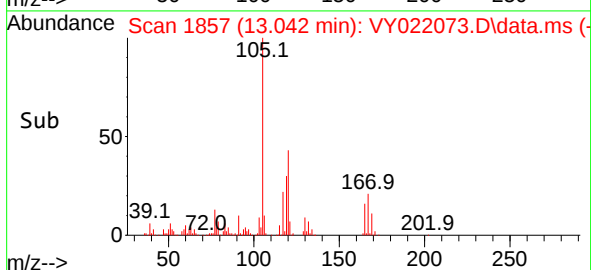
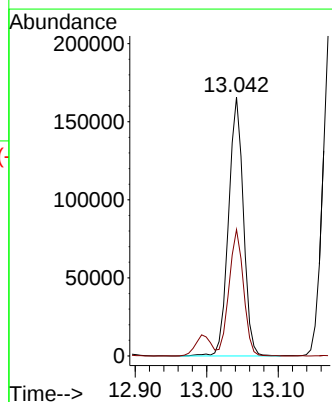
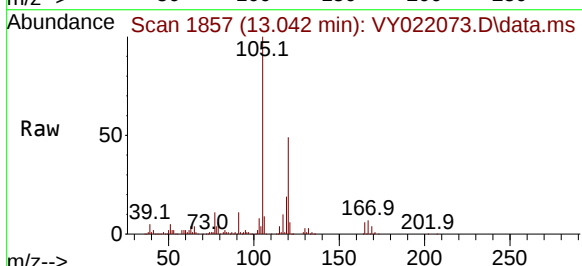
Acq: 30 Apr 2025 10:52

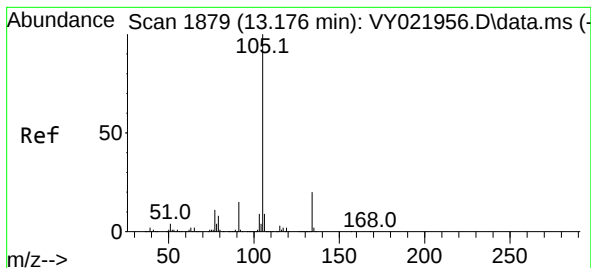
Tgt Ion:105 Resp: 238623

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.915 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

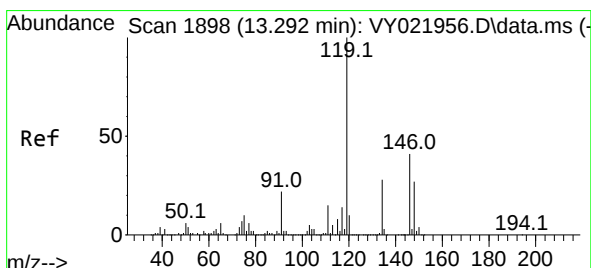
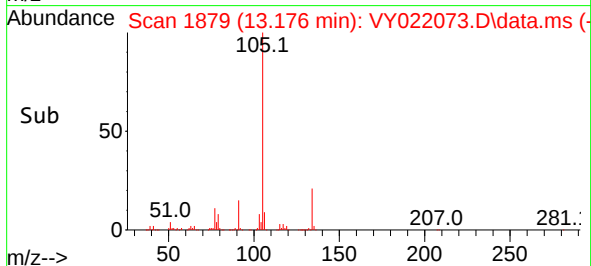
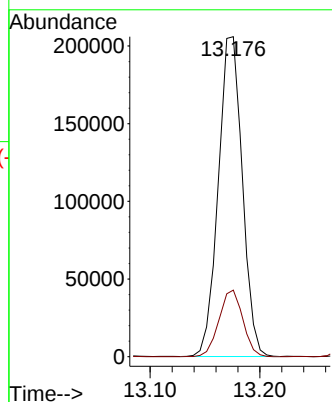
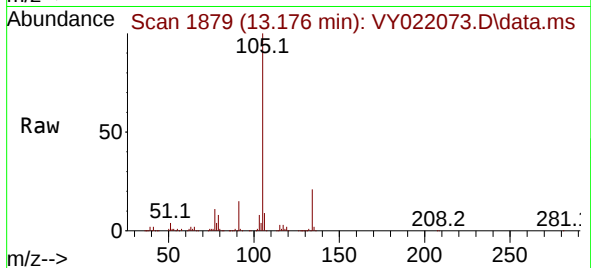
VY0430SBS01

Tgt Ion:105 Resp: 313905

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.639 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

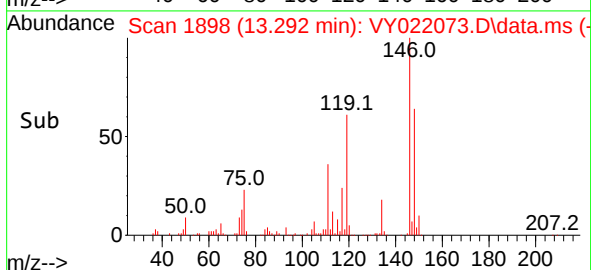
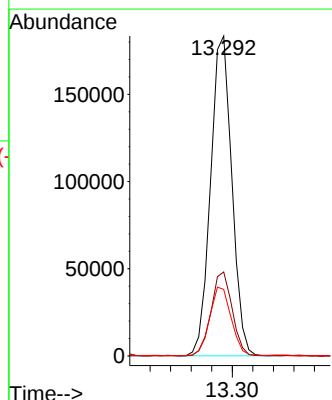
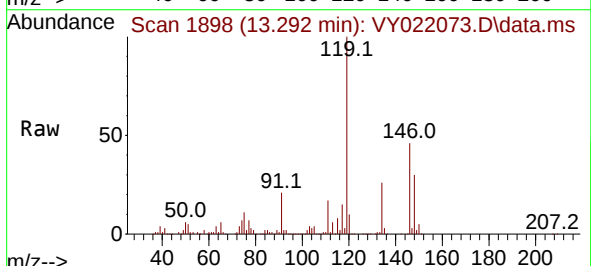
Tgt Ion:119 Resp: 262861

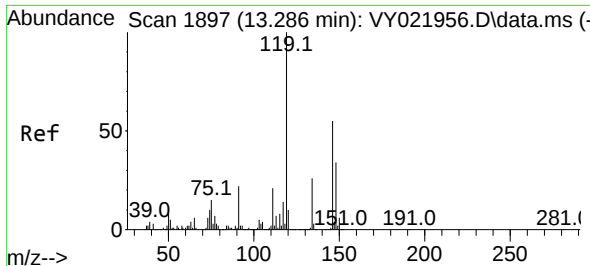
Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

91 21.7 11.0 33.0

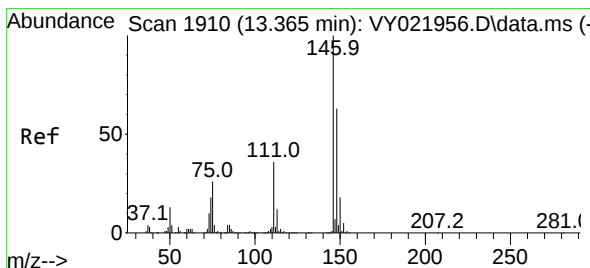
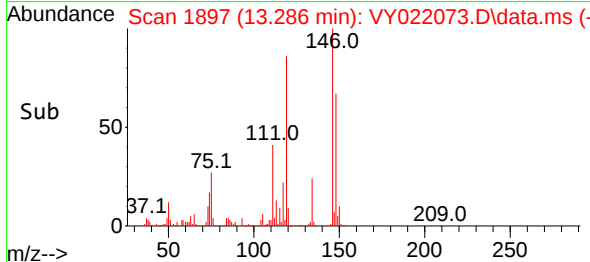
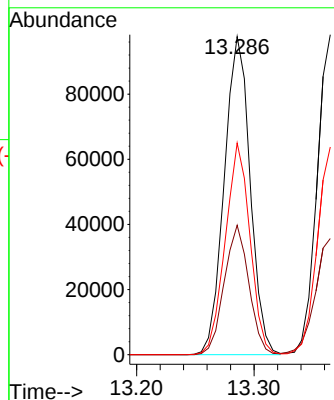
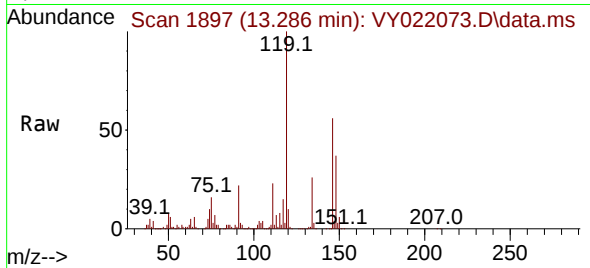




#87
 1,3-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

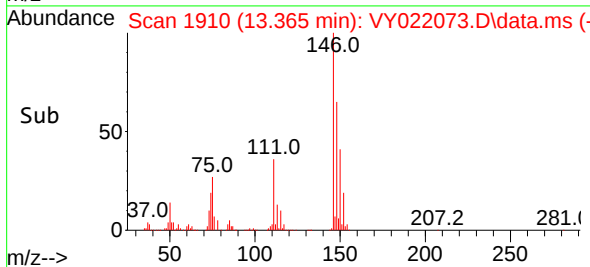
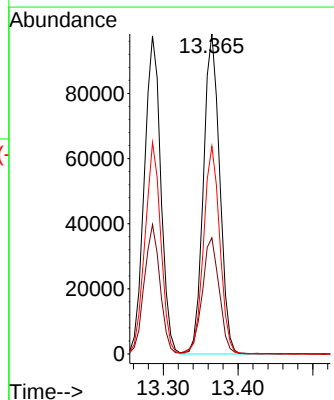
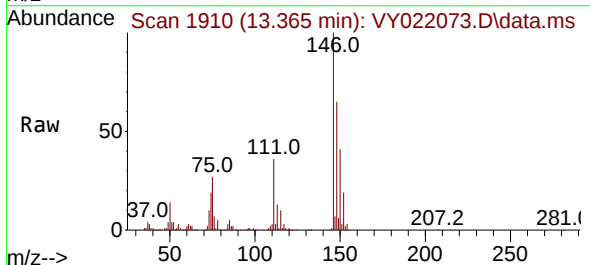
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

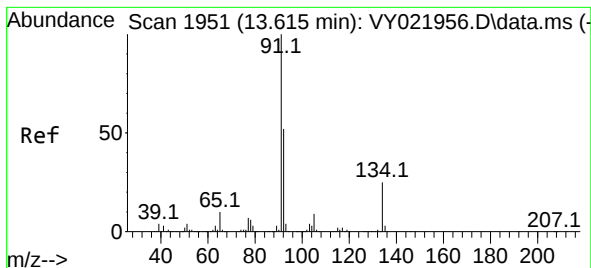
Tgt Ion:146 Resp: 149261
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022073.D
 Acq: 30 Apr 2025 10:52

Tgt Ion:146 Resp: 148377
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.2 57.6
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.707 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

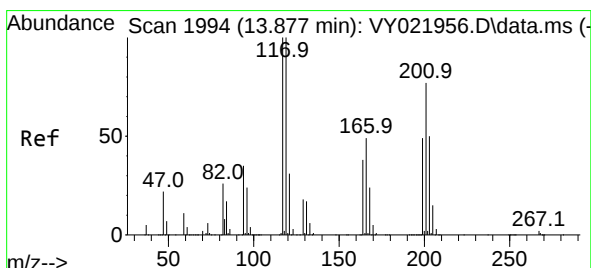
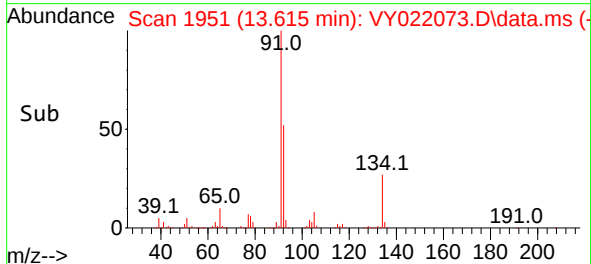
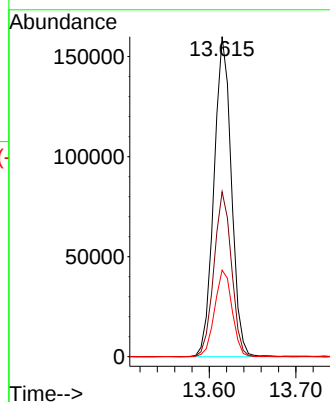
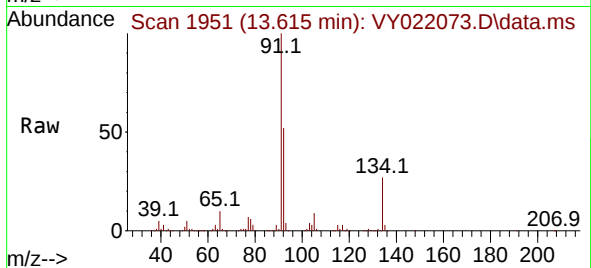
Tgt Ion: 91 Resp: 223801

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 19.765 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022073.D

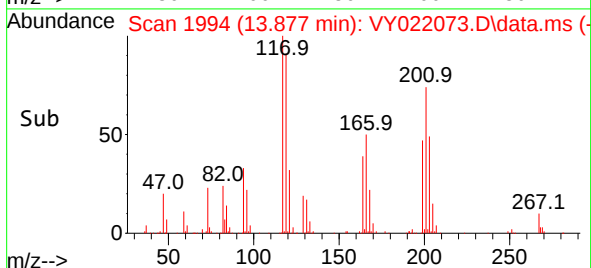
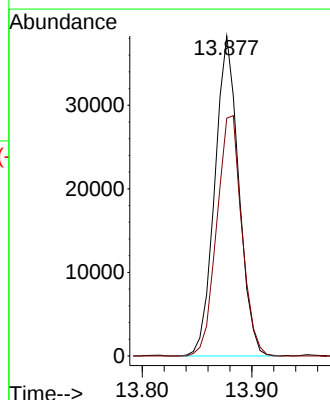
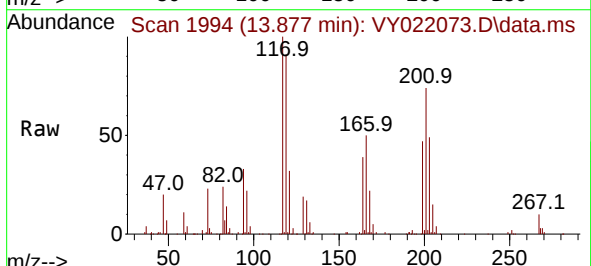
Acq: 30 Apr 2025 10:52

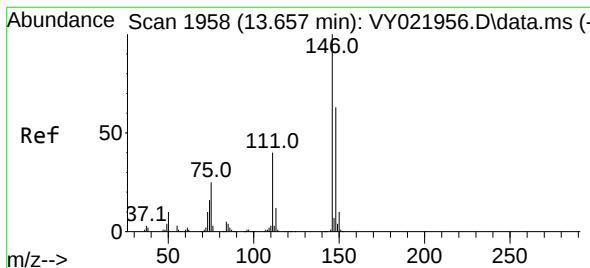
Tgt Ion: 117 Resp: 58123

Ion Ratio Lower Upper

117 100

201 78.5 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 20.371 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

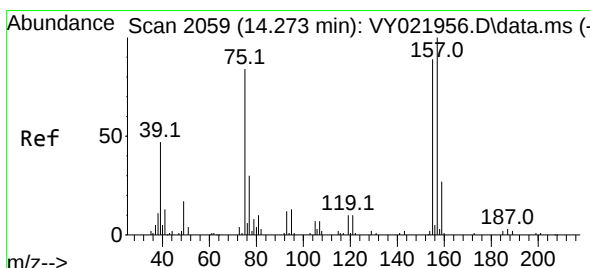
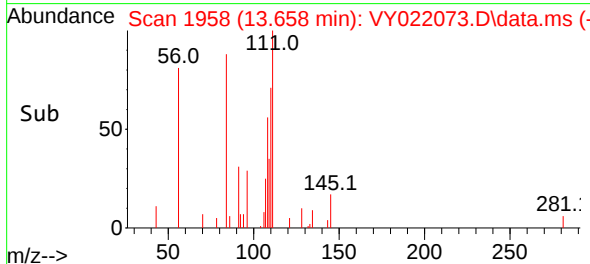
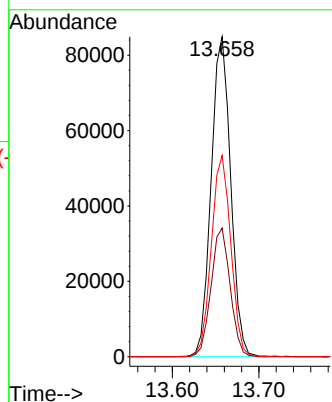
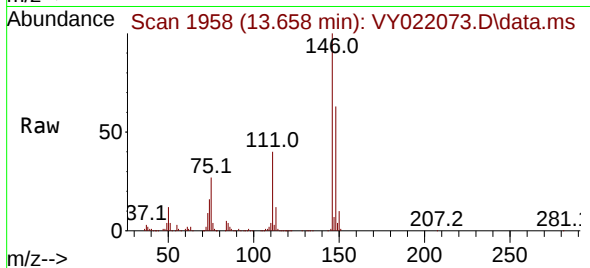
Tgt Ion:146 Resp: 132919

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 62.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.409 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

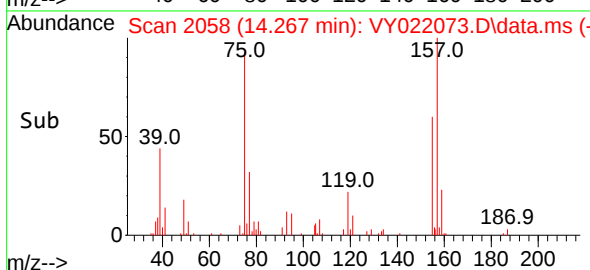
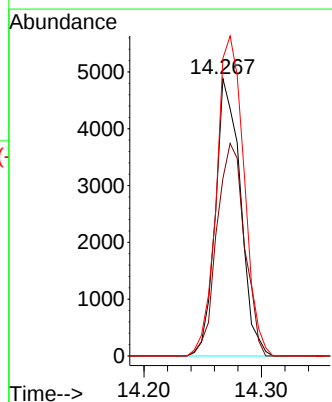
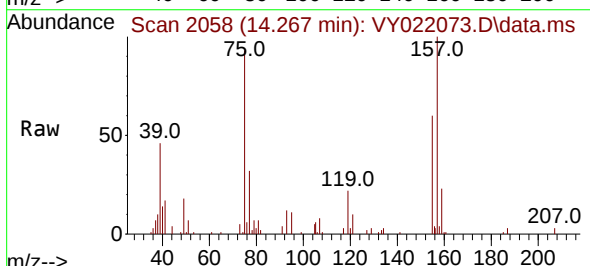
Tgt Ion: 75 Resp: 7198

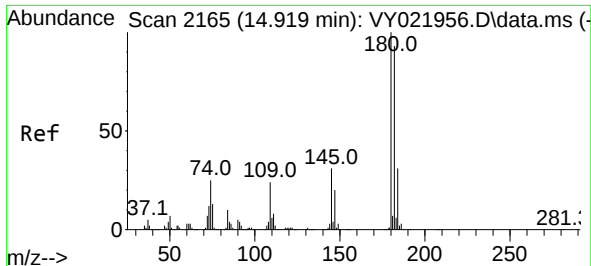
Ion Ratio Lower Upper

75 100

155 85.3 50.7 152.3

157 126.9 62.6 187.8

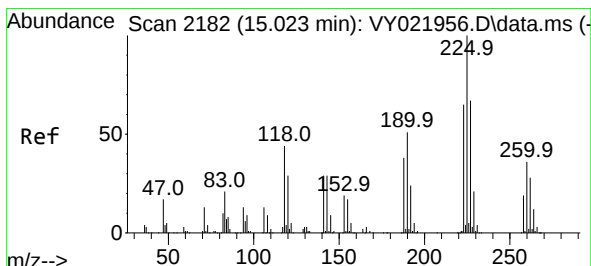
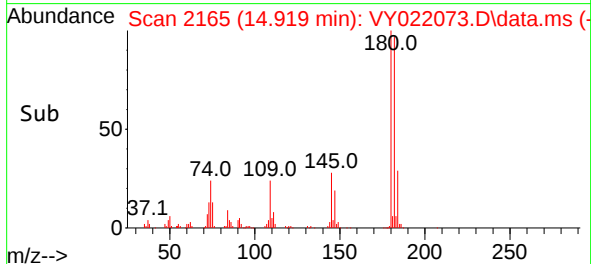
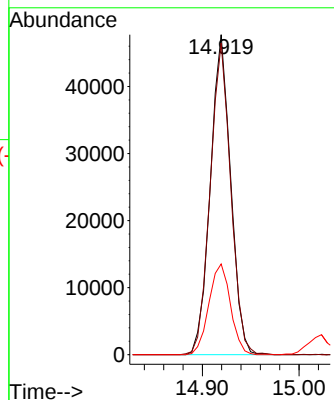
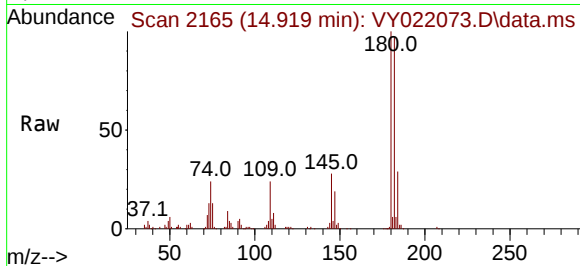




#93
1,2,4-Trichlorobenzene
Concen: 18.801 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

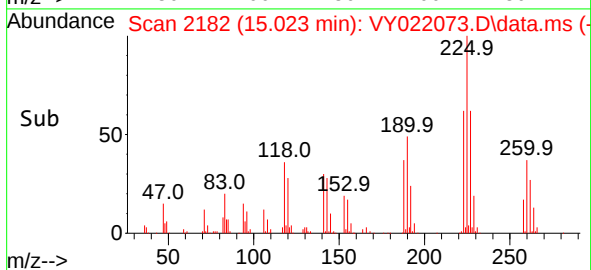
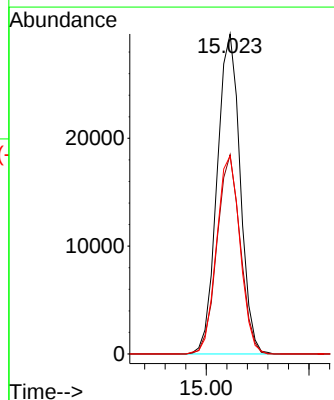
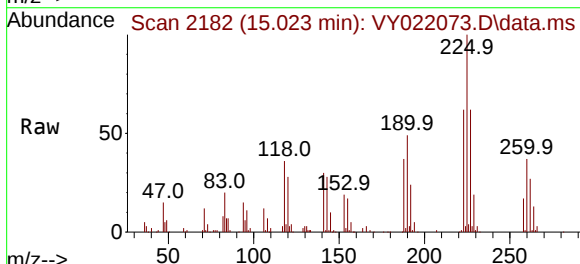
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

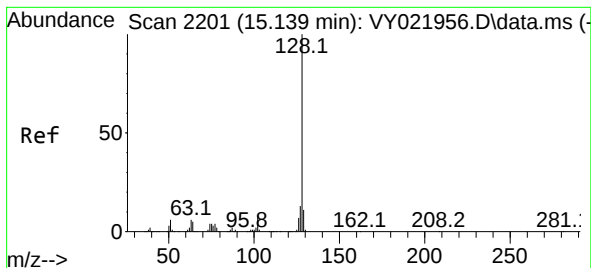
Tgt Ion:180 Resp: 69519
Ion Ratio Lower Upper
180 100
182 98.3 47.1 141.4
145 30.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 20.284 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022073.D
Acq: 30 Apr 2025 10:52

Tgt Ion:225 Resp: 46146
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.5
227 63.0 32.3 96.9





#95

Naphthalene

Concen: 16.924 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBSD01

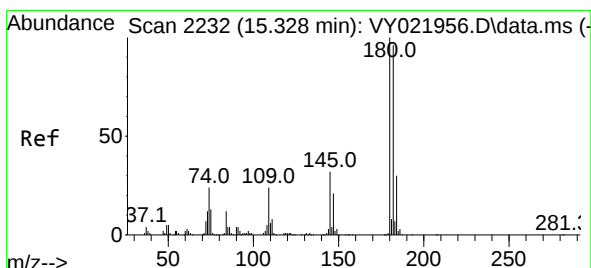
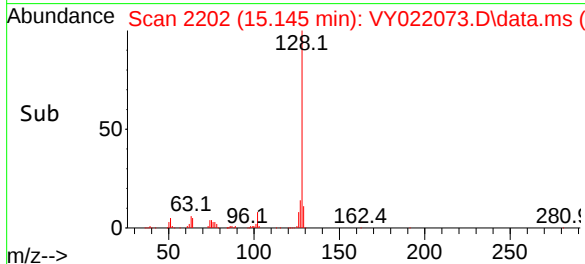
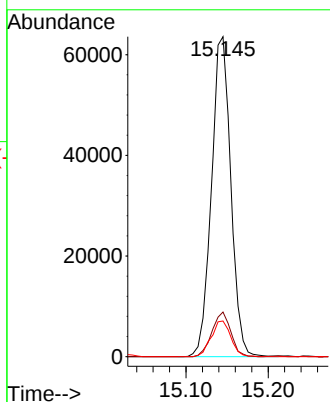
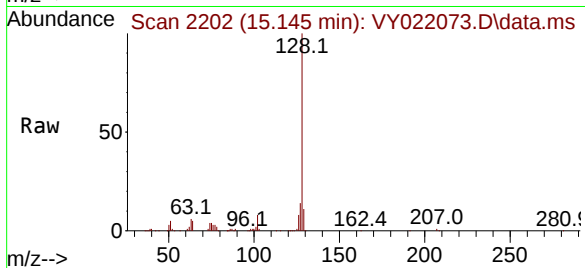
Tgt Ion:128 Resp: 103951

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.870 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022073.D

Acq: 30 Apr 2025 10:52

Tgt Ion:180 Resp: 60230

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.4

145 31.0 16.0 48.0

