

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021958.D
 Acq On : 22 Apr 2025 16:15
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 23 02:13:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	355777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	536479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	502246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	256233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	455676	138.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.320%#	
35) Dibromofluoromethane	7.634	113	525659	148.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 296.620%#	
50) Toluene-d8	10.103	98	2029557	151.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 303.780%#	
62) 4-Bromofluorobenzene	12.402	95	688061	152.965	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 305.940%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	431961	142.488	ug/l	99
3) Chloromethane	2.068	50	531232	123.066	ug/l	98
4) Vinyl Chloride	2.202	62	690264	130.127	ug/l	99
5) Bromomethane	2.580	94	587136	128.474	ug/l	100
6) Chloroethane	2.727	64	457467	126.630	ug/l	100
7) Trichlorofluoromethane	3.050	101	968200	138.417	ug/l	98
8) Diethyl Ether	3.452	74	256284	140.770	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	520779	137.247	ug/l	99
10) Methyl Iodide	4.001	142	670370	152.592	ug/l	99
11) Tert butyl alcohol	4.866	59	132009	731.707	ug/l	98
12) 1,1-Dichloroethene	3.781	96	516411	146.010	ug/l	99
13) Acrolein	3.647	56	224148	692.230	ug/l	97
14) Allyl chloride	4.379	41	595004	144.481	ug/l	99
15) Acrylonitrile	5.055	53	471687	707.705	ug/l	99
16) Acetone	3.873	43	303420	747.934	ug/l	93
17) Carbon Disulfide	4.098	76	1556842	138.054	ug/l	99
18) Methyl Acetate	4.379	43	233664	152.216	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	1210655	152.936	ug/l	98
20) Methylene Chloride	4.610	84	526924	126.805	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	568174	143.443	ug/l	96
22) Diisopropyl ether	6.019	45	1331652	145.303	ug/l	99
23) Vinyl Acetate	5.958	43	3706076	750.348	ug/l	99
24) 1,1-Dichloroethane	5.909	63	881143	138.707	ug/l	98
25) 2-Butanone	6.890	43	533125	711.701	ug/l	98
26) 2,2-Dichloropropane	6.884	77	797978	143.320	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	663284	149.760	ug/l	99
28) Bromochloromethane	7.244	49	335269	135.876	ug/l	93
29) Tetrahydrofuran	7.262	42	357581	734.980	ug/l	95
30) Chloroform	7.421	83	986793	140.042	ug/l	98
31) Cyclohexane	7.701	56	759349	139.782	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	903077	141.659	ug/l	99
36) 1,1-Dichloropropene	7.835	75	702870	147.634	ug/l	99
37) Ethyl Acetate	6.982	43	243196	144.169	ug/l	98
38) Carbon Tetrachloride	7.817	117	841409	147.902	ug/l	99
39) Methylcyclohexane	9.103	83	947546	158.153	ug/l	97
40) Benzene	8.079	78	2184995	146.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	135364	144.765	ug/l #	90
42) 1,2-Dichloroethane	8.152	62	522909	141.914	ug/l	100
43) Isopropyl Acetate	8.195	43	495904	151.020	ug/l #	85
44) Trichloroethene	8.866	130	603635	146.435	ug/l	99
45) 1,2-Dichloropropane	9.140	63	473210	143.782	ug/l	100
46) Dibromomethane	9.225	93	300473	145.844	ug/l	99
47) Bromodichloromethane	9.420	83	758771	147.426	ug/l	100
48) Methyl methacrylate	9.219	41	243168	160.190	ug/l	97
49) 1,4-Dioxane	9.225	88	66528	3029.677	ug/l	99
51) 4-Methyl-2-Pentanone	9.994	43	1331129	773.306	ug/l	99
52) Toluene	10.170	92	1470005	152.593	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	683926	154.922	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	804716	153.345	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	405335	147.287	ug/l	99
56) Ethyl methacrylate	10.439	69	530305	168.507	ug/l	99
57) 1,3-Dichloropropane	10.713	76	650614	147.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	1292633	840.076	ug/l	98
59) 2-Hexanone	10.756	43	896663	789.752	ug/l	99
60) Dibromochloromethane	10.908	129	574423	150.763	ug/l	100
61) 1,2-Dibromoethane	11.012	107	386950	148.938	ug/l	100
64) Tetrachloroethene	10.646	164	648295	136.828	ug/l	99
65) Chlorobenzene	11.438	112	1644879	146.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	584913	147.925	ug/l	100
67) Ethyl Benzene	11.518	91	2859582	155.641	ug/l	99
68) m/p-Xylenes	11.627	106	2270756	310.594	ug/l	99
69) o-Xylene	11.950	106	1079036	160.131	ug/l	99
70) Styrene	11.969	104	1821333	160.979	ug/l	100
71) Bromoform	12.127	173	345783	150.413	ug/l #	99
73) Isopropylbenzene	12.255	105	2766822	161.622	ug/l	99
74) N-amyl acetate	12.066	43	481095	163.570	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	428838	148.581	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	567132	251.190	ug/l #	100
77) Bromobenzene	12.530	156	677176	156.545	ug/l	98
78) n-propylbenzene	12.591	91	3191904	156.567	ug/l	99
79) 2-Chlorotoluene	12.676	91	1838218	155.043	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	2227887	157.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	138838	152.337	ug/l	98
82) 4-Chlorotoluene	12.774	91	1879346	152.484	ug/l	99
83) tert-Butylbenzene	12.993	119	2076003	164.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	2263509	160.437	ug/l	100
85) sec-Butylbenzene	13.176	105	2910397	157.224	ug/l	99
86) p-Isopropyltoluene	13.292	119	2552924	162.413	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	1339029	152.409	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1293200	148.621	ug/l	98
89) n-Butylbenzene	13.615	91	2244063	159.720	ug/l	99
90) Hexachloroethane	13.877	117	520392	150.683	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	1156637	150.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	66731	145.323	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	737198	169.770	ug/l	99
94) Hexachlorobutadiene	15.023	225	417808	156.384	ug/l	99
95) Naphthalene	15.145	128	1336140	185.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	634152	169.182	ug/l	100

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ClientSampleId :
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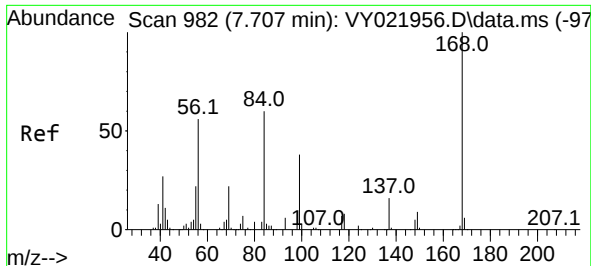
Quant Time: Apr 23 02:13:23 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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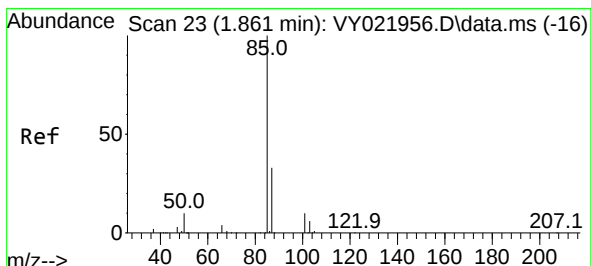
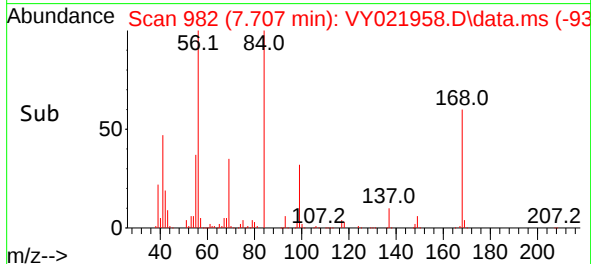
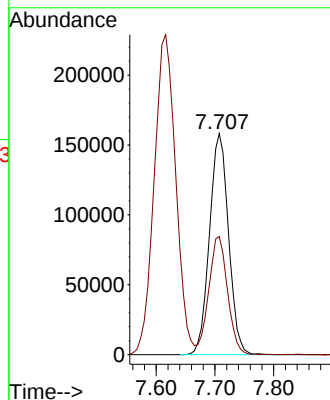
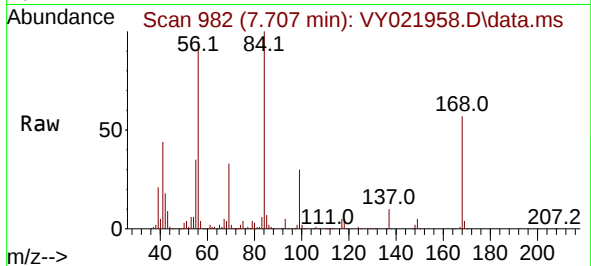




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021958.D
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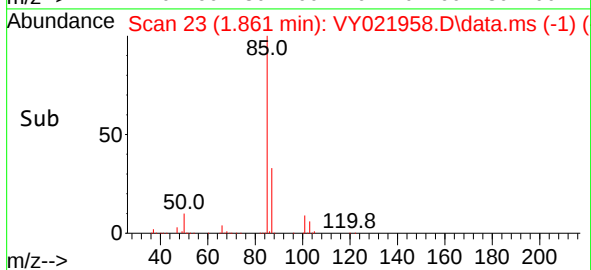
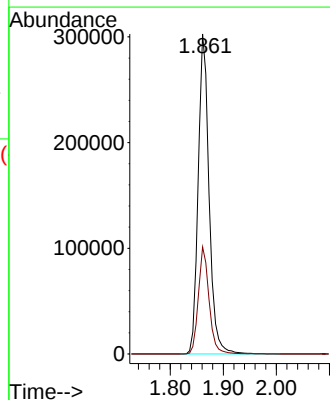
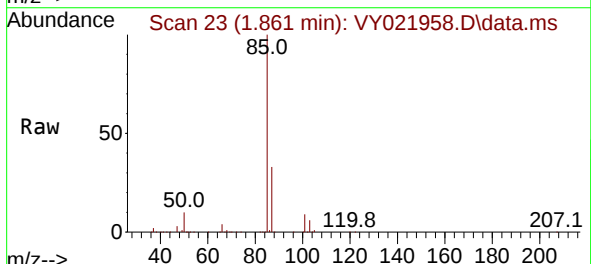
Instrument :
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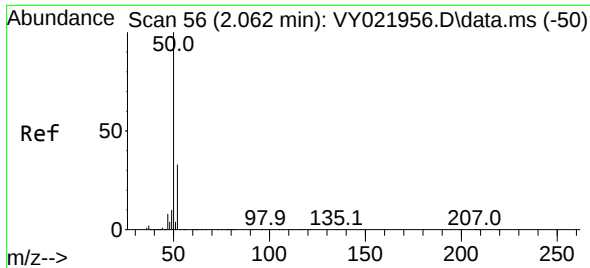
Tgt Ion:168 Resp: 355777
Ion Ratio Lower Upper
168 100
99 53.4 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 142.488 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 85 Resp: 431961
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.7

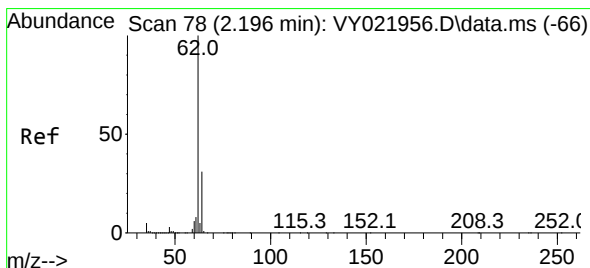
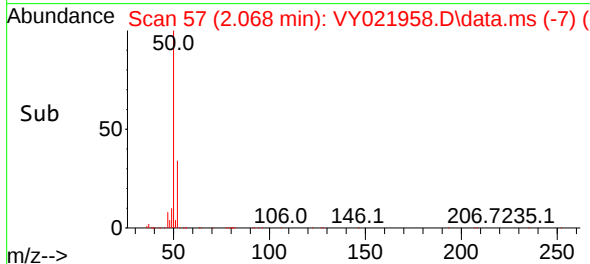
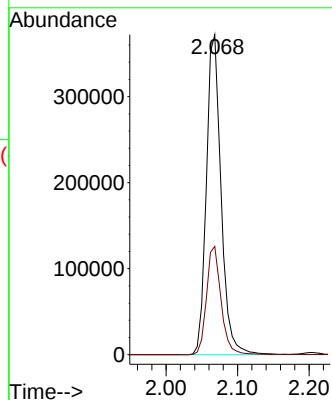
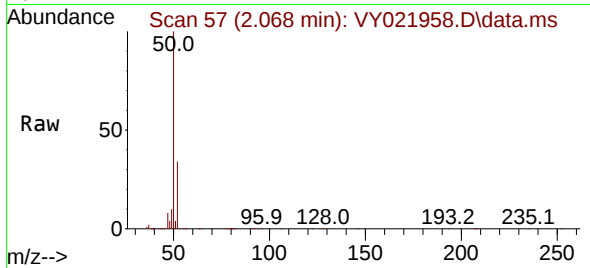




#3
Chloromethane
Concen: 123.066 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

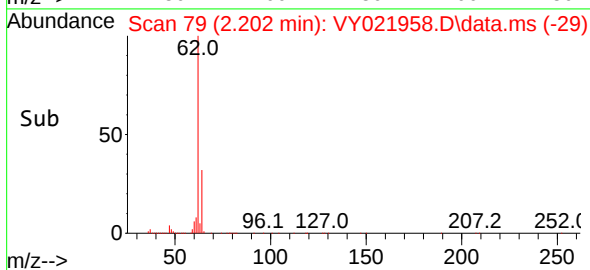
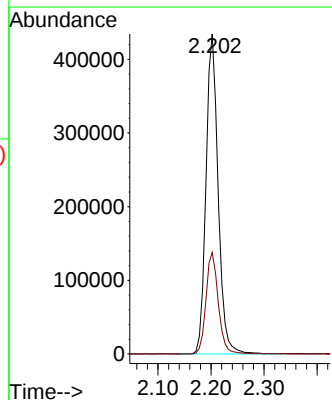
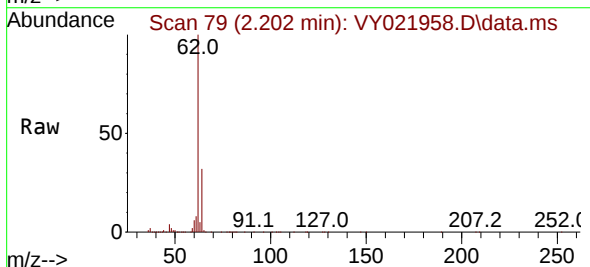
Instrument :
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ClientSampleId :
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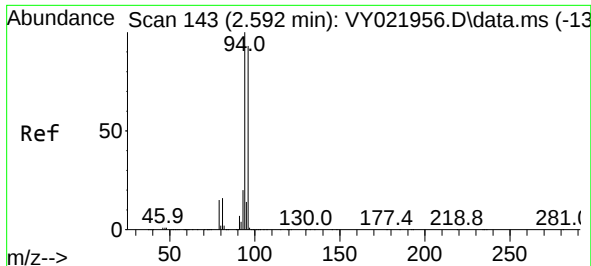
Tgt Ion: 50 Resp: 531232
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1



#4
Vinyl Chloride
Concen: 130.127 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 62 Resp: 690264
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

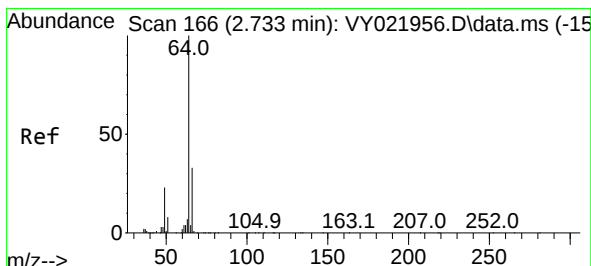
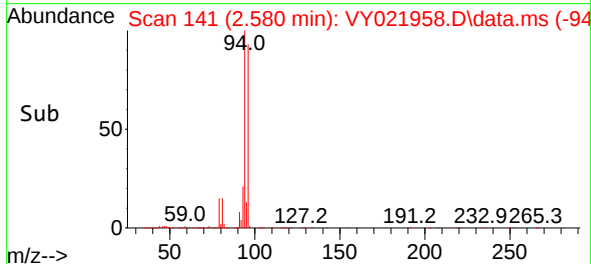
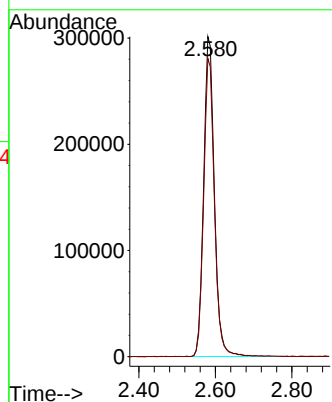
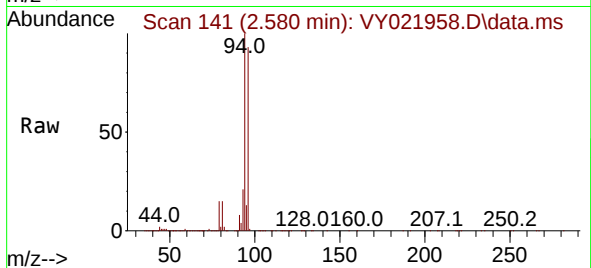




#5
Bromomethane
Concen: 128.474 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

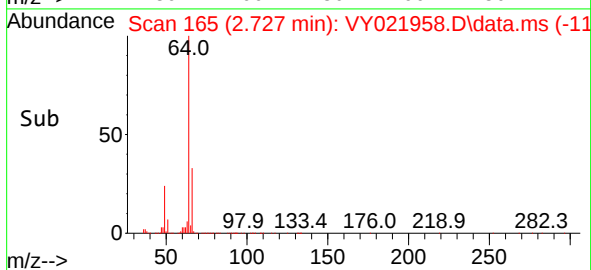
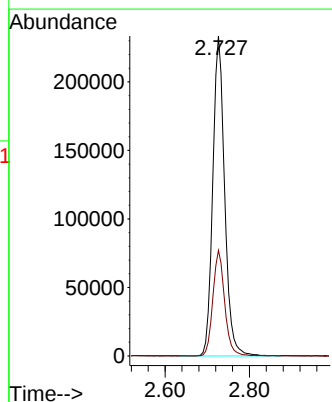
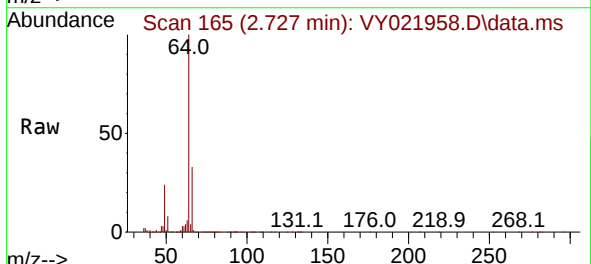
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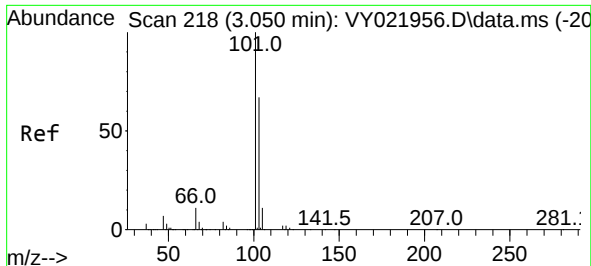
Tgt Ion: 94 Resp: 587136
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8



#6
Chloroethane
Concen: 126.630 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 64 Resp: 457467
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

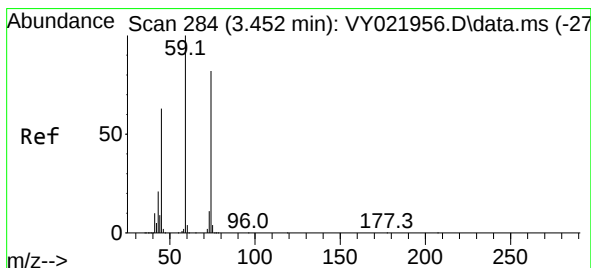
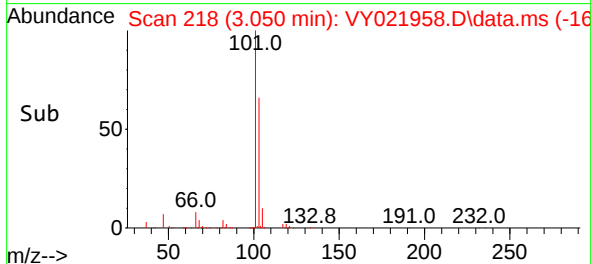
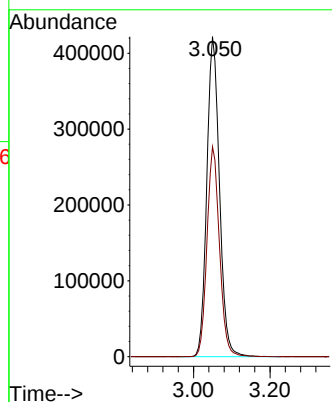
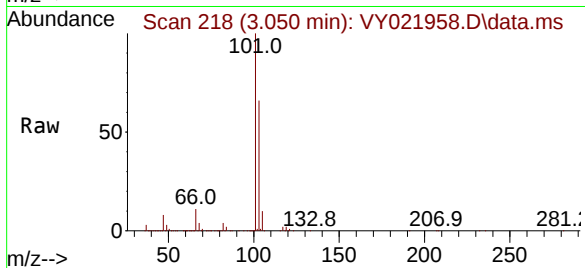




#7
Trichlorofluoromethane
Concen: 138.417 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

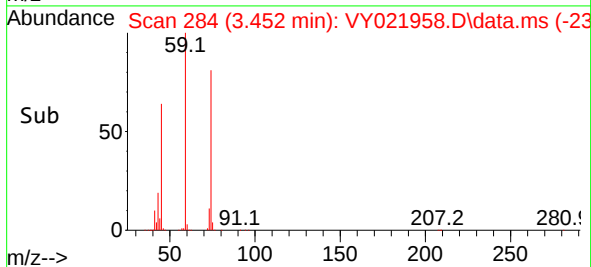
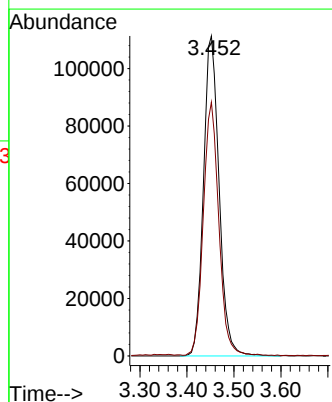
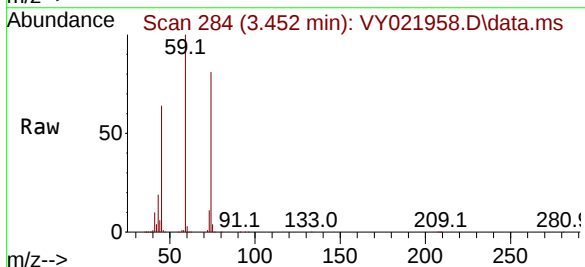
Instrument :
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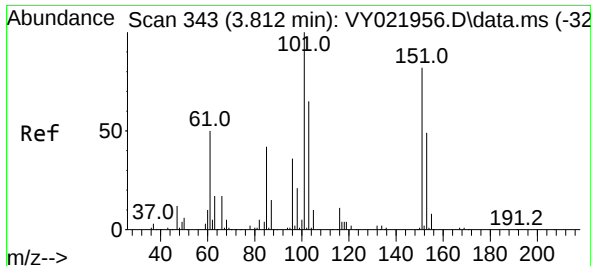
Tgt Ion:101 Resp: 968200
Ion Ratio Lower Upper
101 100
103 65.6 53.6 80.4



#8
Diethyl Ether
Concen: 140.770 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 74 Resp: 256284
Ion Ratio Lower Upper
74 100
45 78.2 39.1 117.5

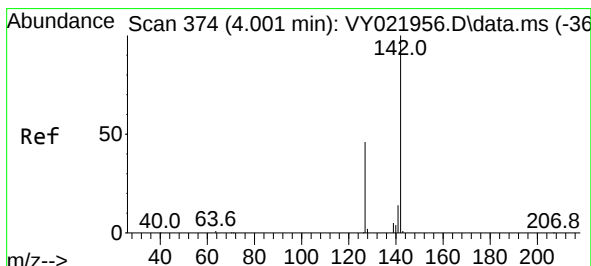
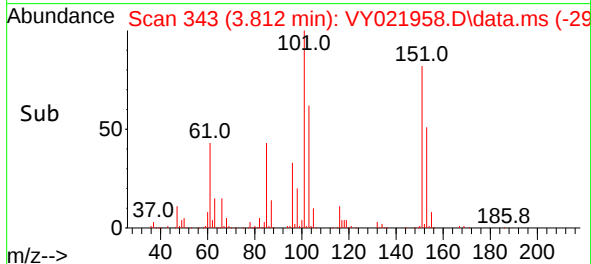
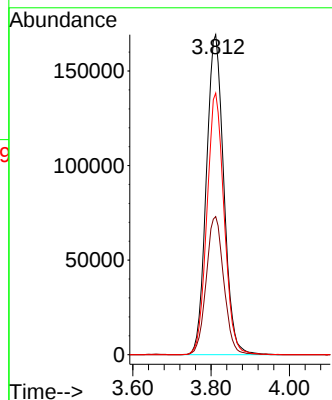
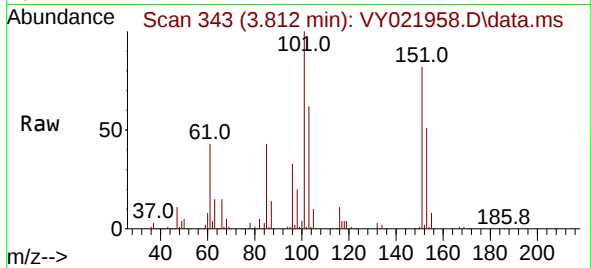




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.247 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

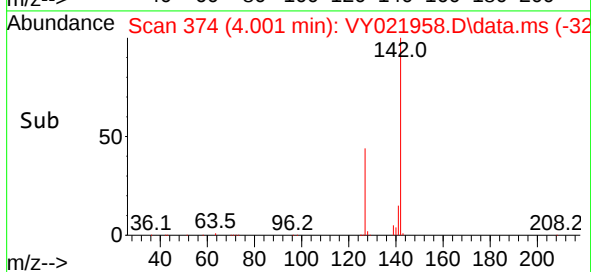
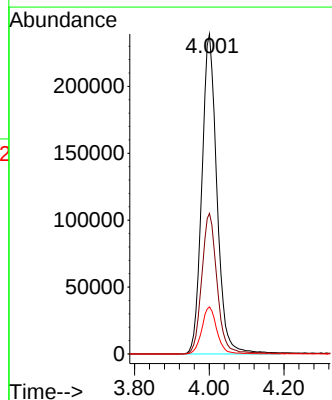
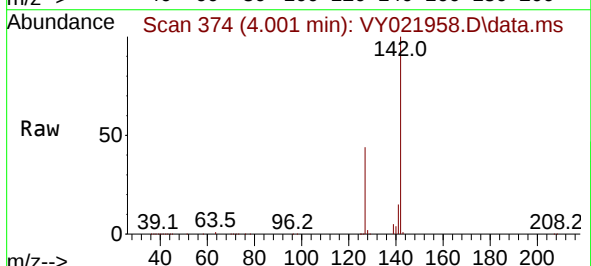
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

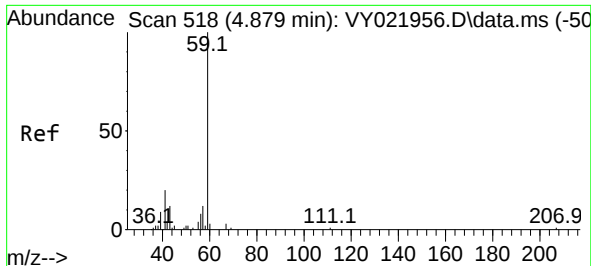
Tgt Ion:101 Resp: 520779
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 80.9 63.7 95.5



#10
Methyl Iodide
Concen: 152.592 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:142 Resp: 670370
Ion Ratio Lower Upper
142 100
127 44.8 36.2 54.2
141 14.7 11.7 17.5

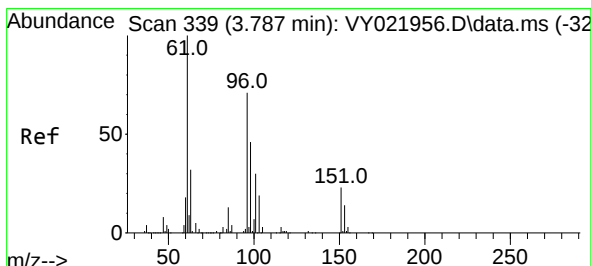
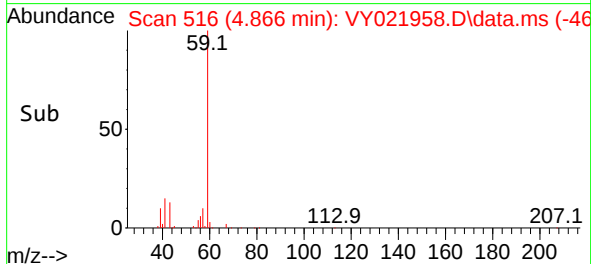
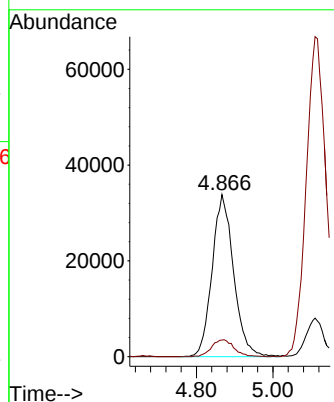
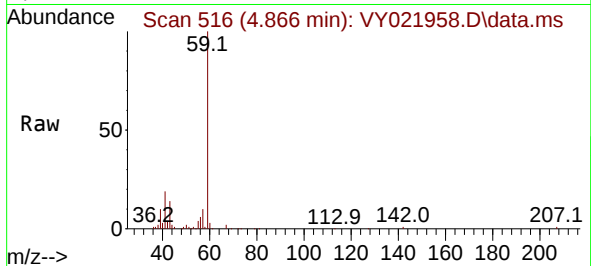




#11
Tert butyl alcohol
Concen: 731.707 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

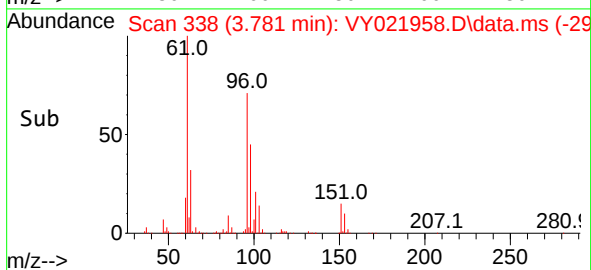
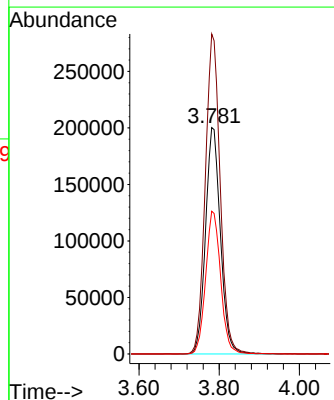
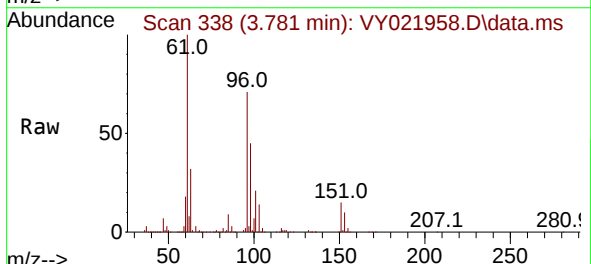
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

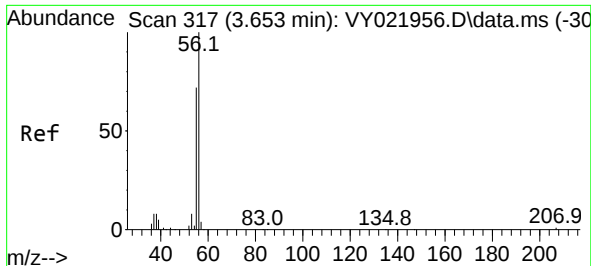
Tgt Ion: 59 Resp: 132009
Ion Ratio Lower Upper
59 100
57 11.0 9.3 13.9



#12
1,1-Dichloroethene
Concen: 146.010 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 96 Resp: 516411
Ion Ratio Lower Upper
96 100
61 141.3 113.0 169.4
98 63.1 51.4 77.2





#13

Acrolein

Concen: 692.230 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

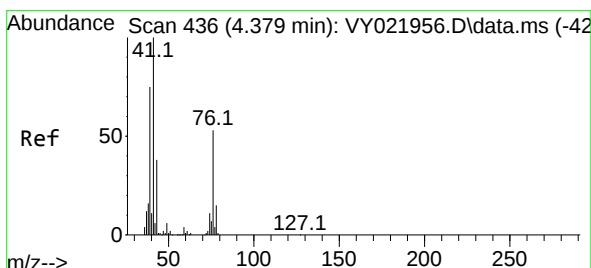
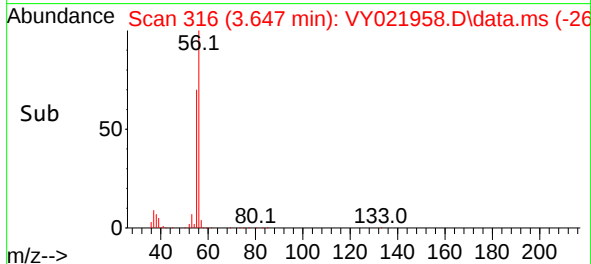
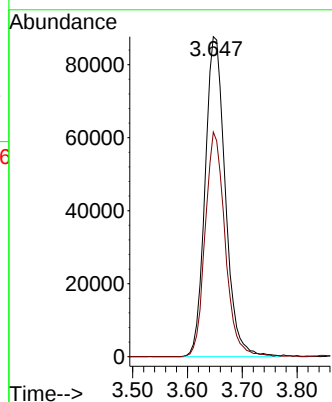
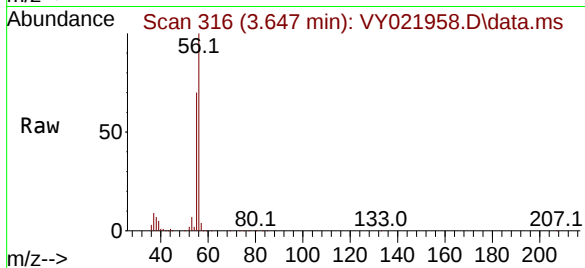
VSTDIC150

Tgt Ion: 56 Resp: 224148

Ion Ratio Lower Upper

56 100

55 69.3 57.4 86.0



#14

Allyl chloride

Concen: 144.481 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

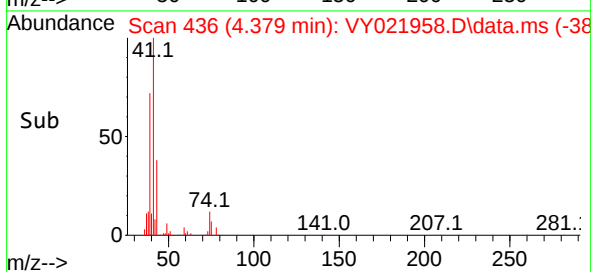
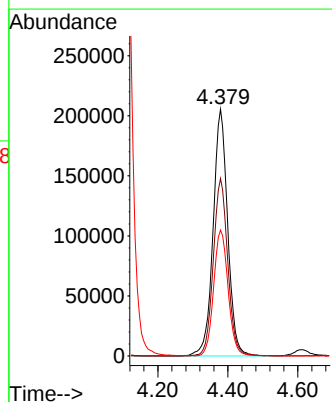
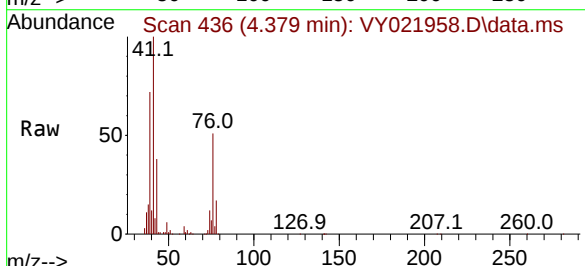
Tgt Ion: 41 Resp: 595004

Ion Ratio Lower Upper

41 100

39 71.4 57.2 85.8

76 50.7 39.7 59.5

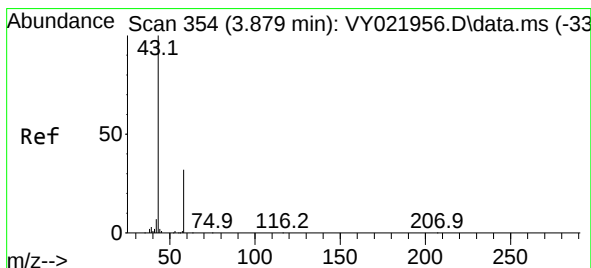
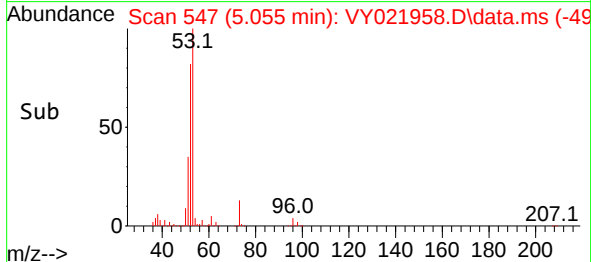
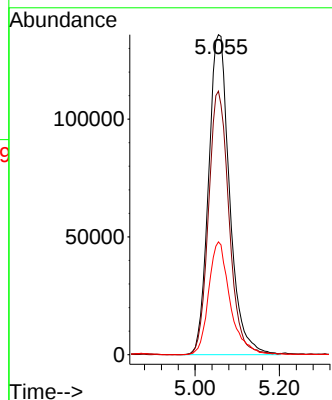
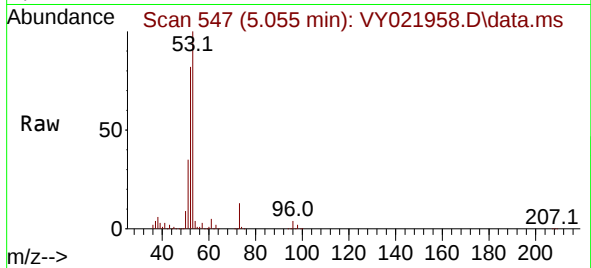




#15
Acrylonitrile
Concen: 707.705 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

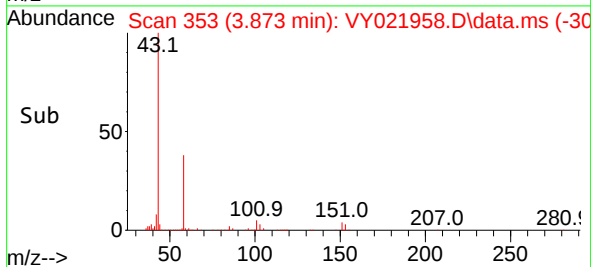
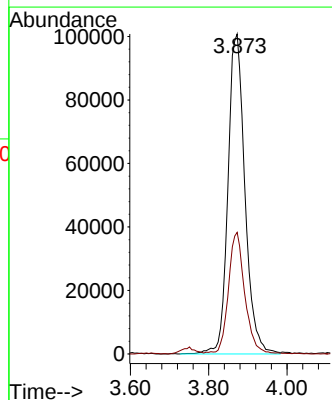
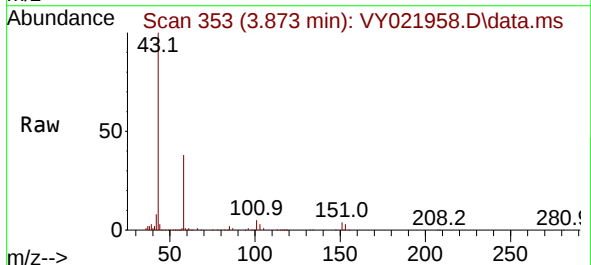
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

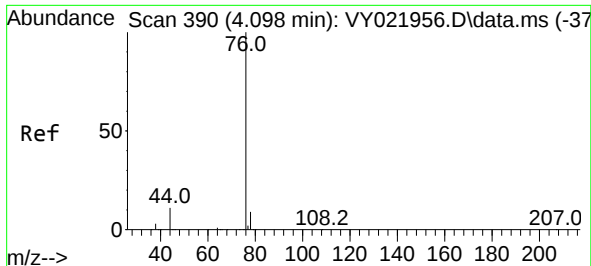
Tgt Ion: 53 Resp: 471687
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.6
51 36.1 28.9 43.3



#16
Acetone
Concen: 747.934 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 303420
Ion Ratio Lower Upper
43 100
58 37.8 27.0 40.4

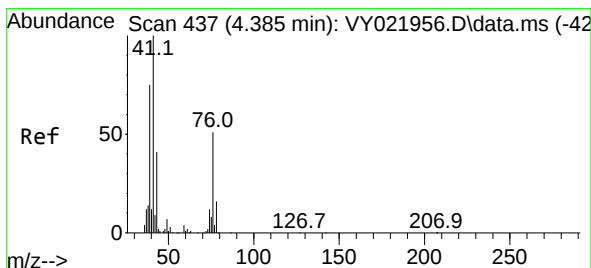
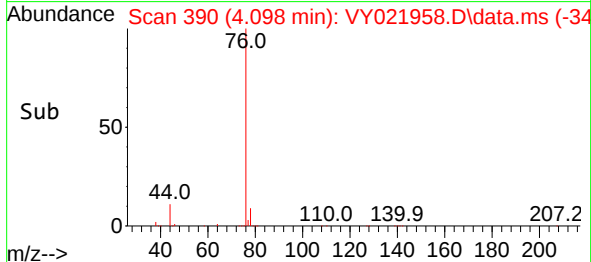
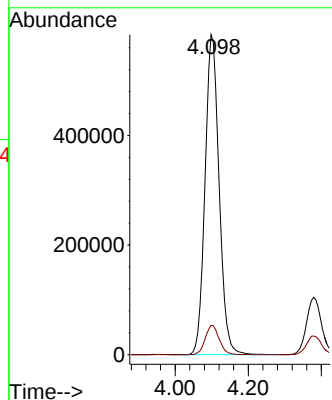
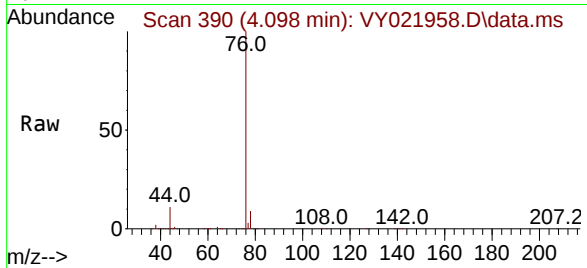




#17
Carbon Disulfide
Concen: 138.054 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

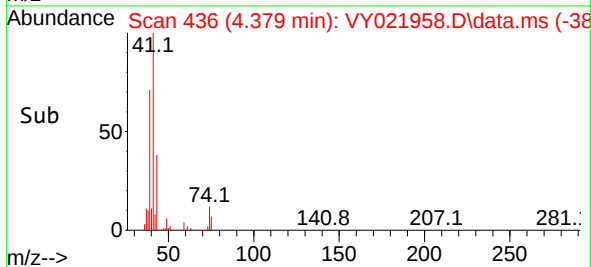
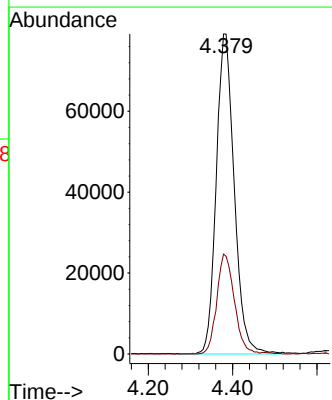
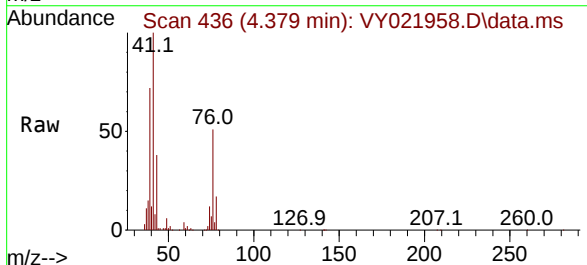
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1556842
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 152.216 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 233664
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 152.936 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

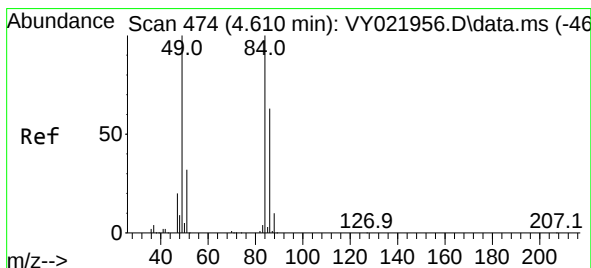
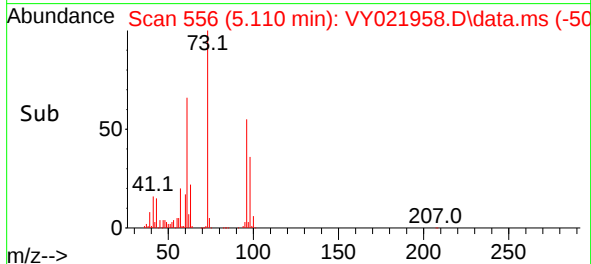
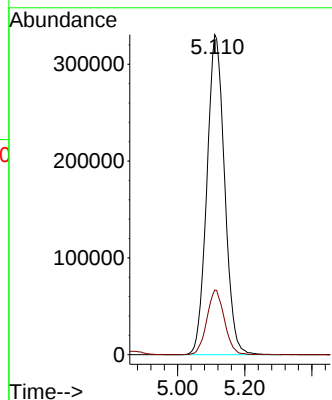
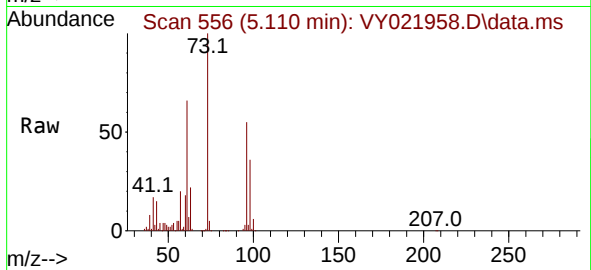
VSTDIC150

Tgt Ion: 73 Resp: 1210655

Ion Ratio Lower Upper

73 100

57 20.2 16.9 25.3



#20

Methylene Chloride

Concen: 126.805 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion: 84 Resp: 526924

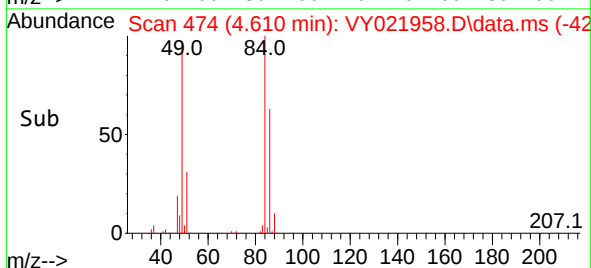
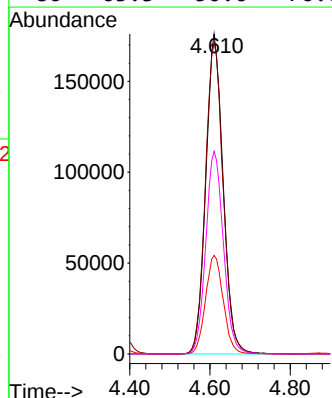
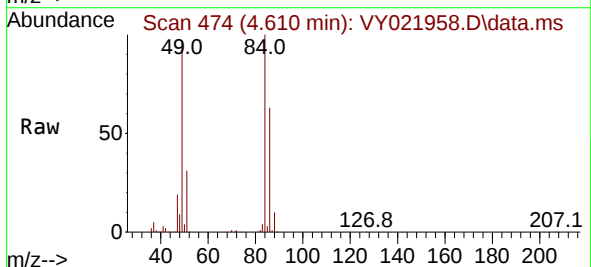
Ion Ratio Lower Upper

84 100

49 97.3 79.9 119.9

51 30.8 25.4 38.0

86 63.3 50.6 76.0

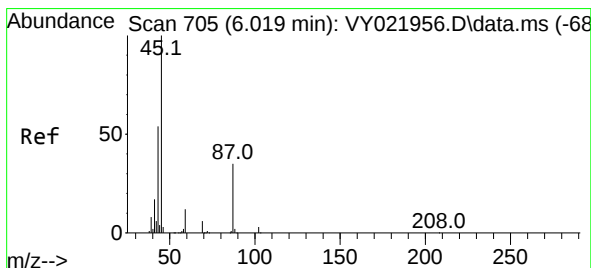
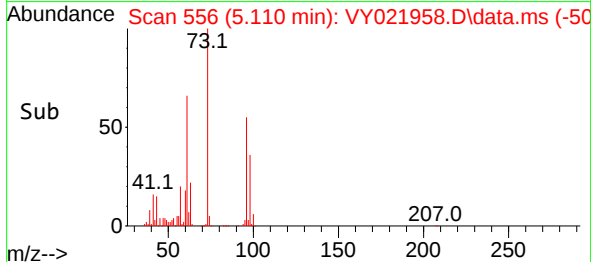
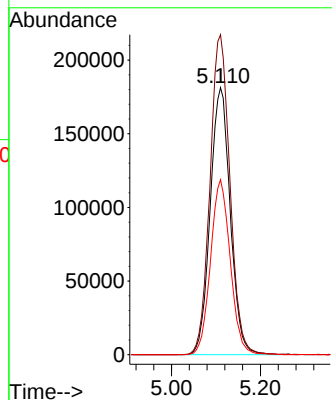
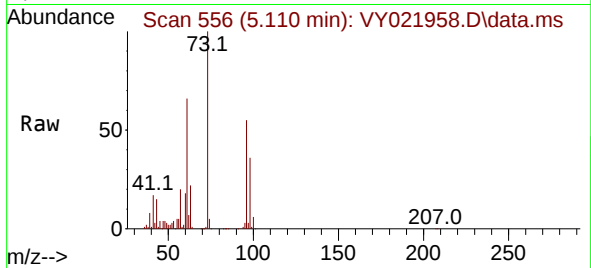




#21
trans-1,2-Dichloroethene
Concen: 143.443 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

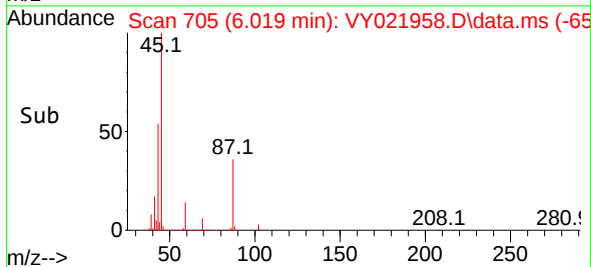
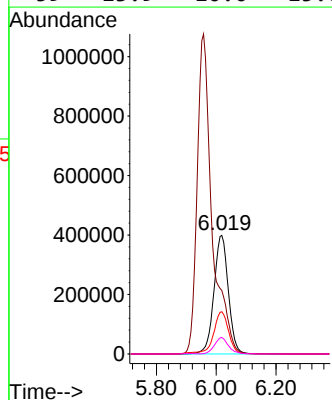
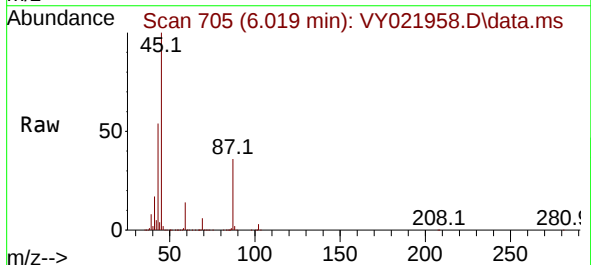
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

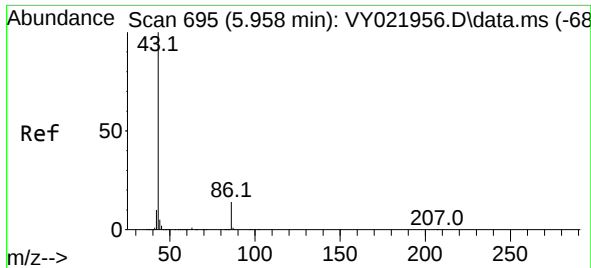
Tgt Ion: 96 Resp: 568174
Ion Ratio Lower Upper
96 100
61 119.7 92.6 138.8
98 65.6 50.2 75.4



#22
Diisopropyl ether
Concen: 145.303 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 45 Resp: 1331652
Ion Ratio Lower Upper
45 100
43 53.6 43.6 65.4
87 35.7 28.2 42.4
59 13.9 10.0 15.0

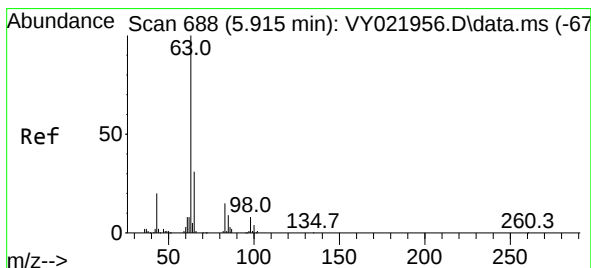
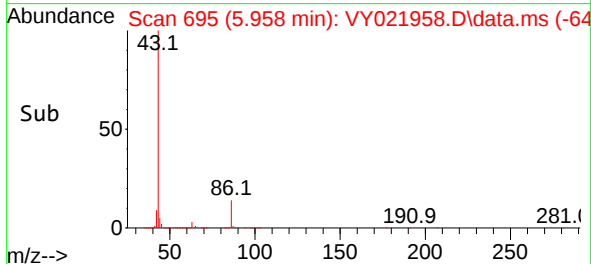
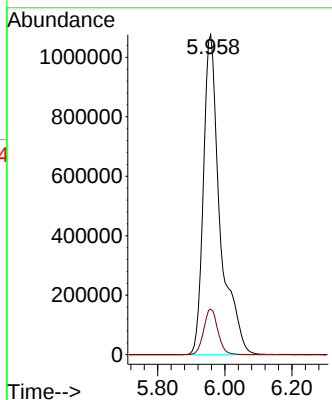
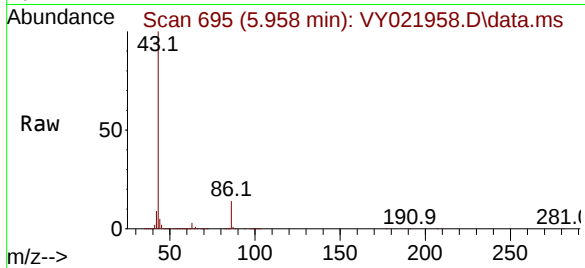




#23
 Vinyl Acetate
 Concen: 750.348 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

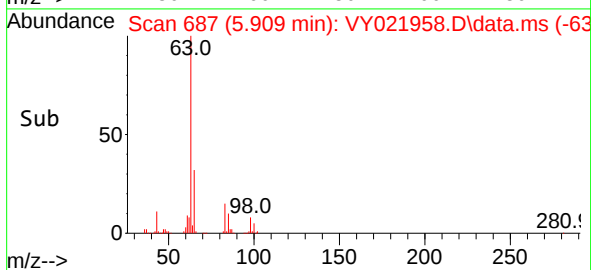
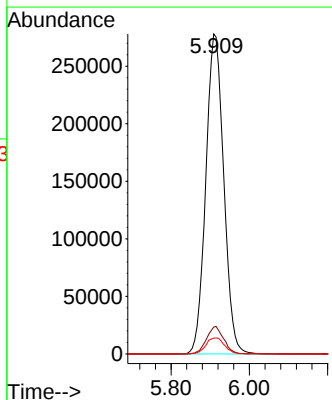
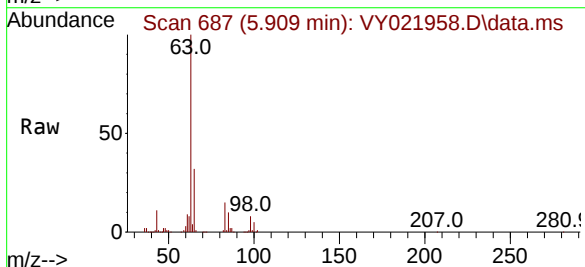
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

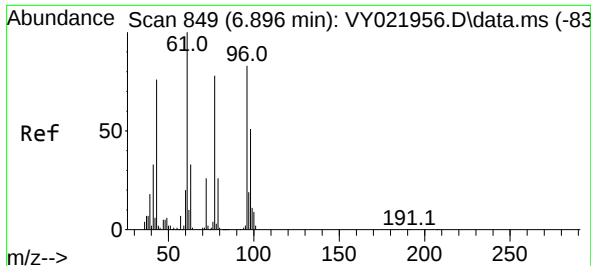
Tgt Ion: 43 Resp: 3706076
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 138.707 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

Tgt Ion: 63 Resp: 881143
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 4.9 2.0 6.0





#25

2-Butanone

Concen: 711.701 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

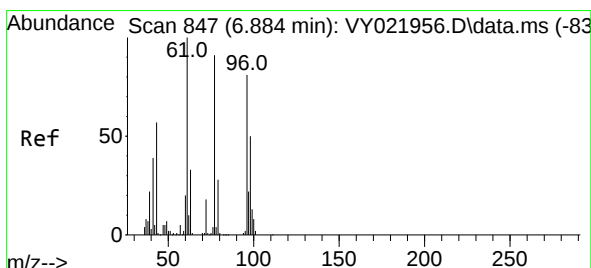
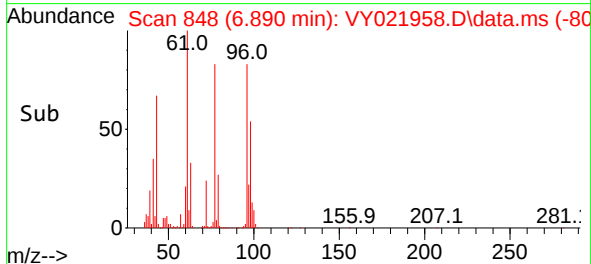
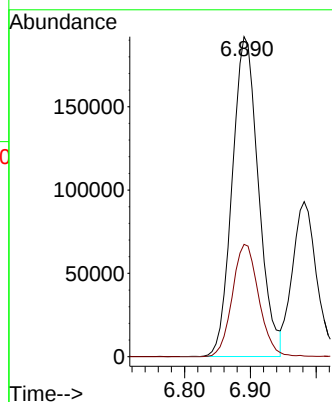
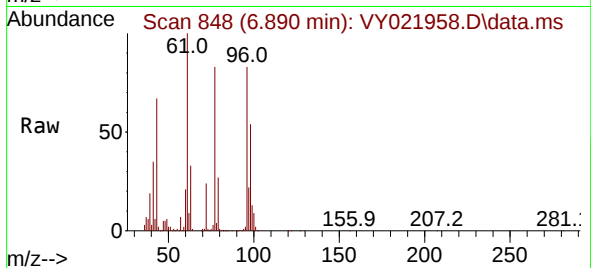
VSTDIC150

Tgt Ion: 43 Resp: 533125

Ion Ratio Lower Upper

43 100

72 35.1 27.0 40.4



#26

2,2-Dichloropropane

Concen: 143.320 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021958.D

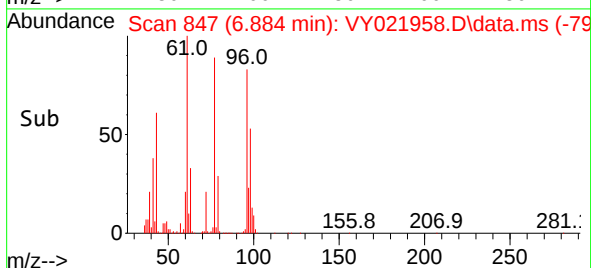
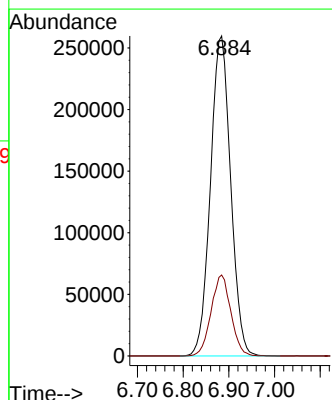
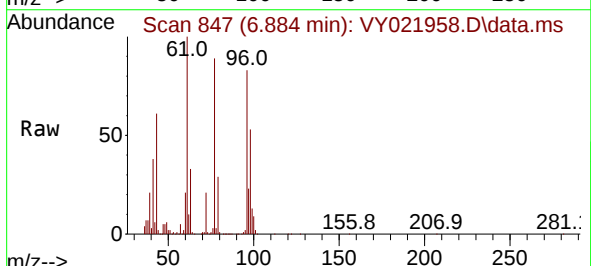
Acq: 22 Apr 2025 16:15

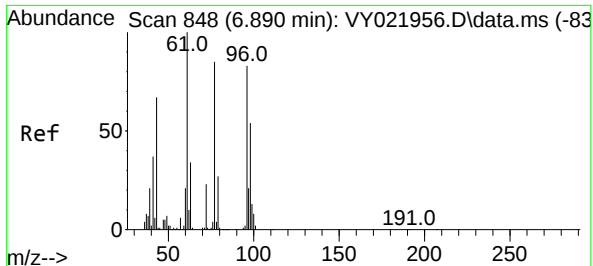
Tgt Ion: 77 Resp: 797978

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 149.760 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

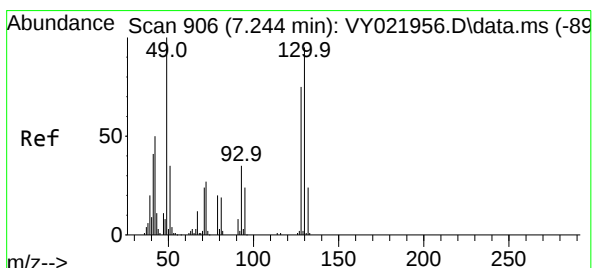
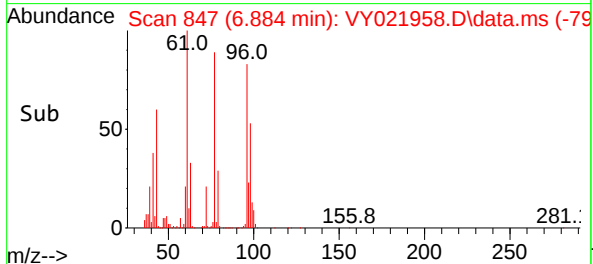
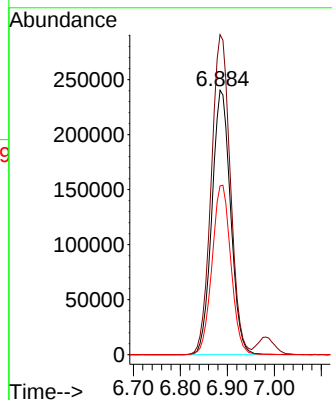
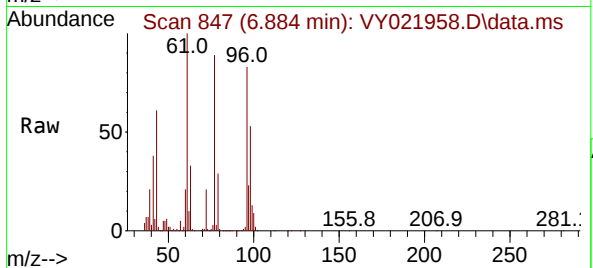
Tgt Ion: 96 Resp: 663284

Ion Ratio Lower Upper

96 100

61 123.8 0.0 251.4

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 135.876 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

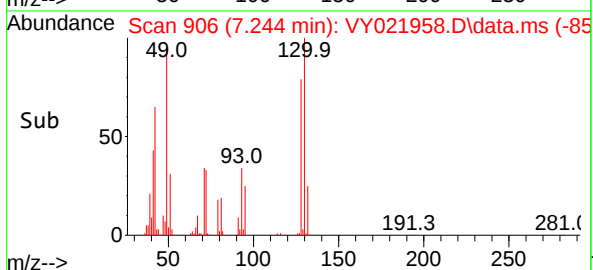
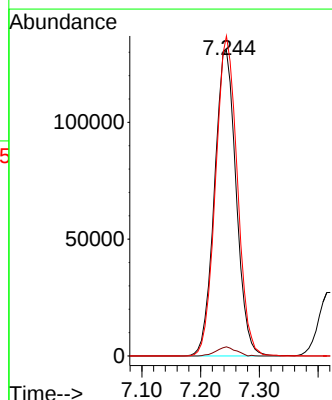
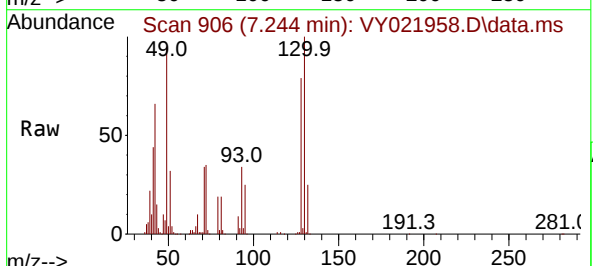
Tgt Ion: 49 Resp: 335269

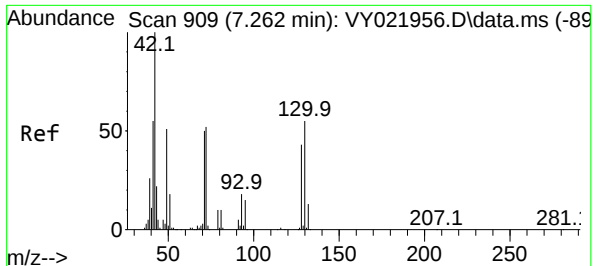
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 104.5 78.2 117.4

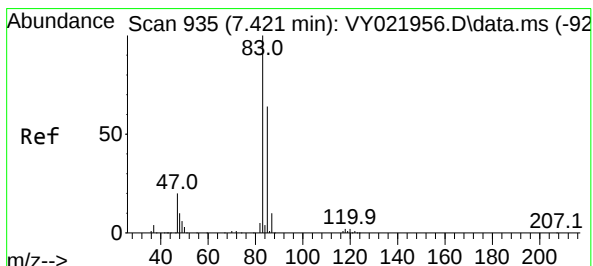
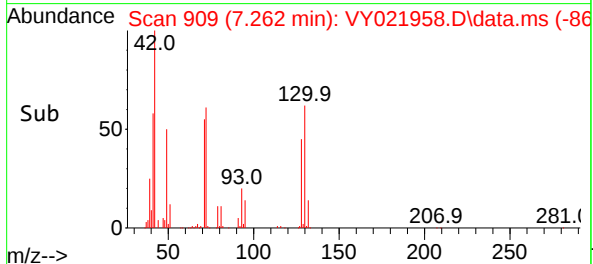
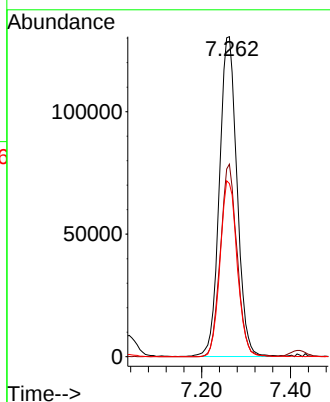
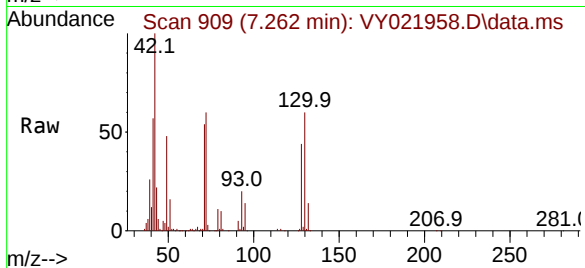




#29
Tetrahydrofuran
Concen: 734.980 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

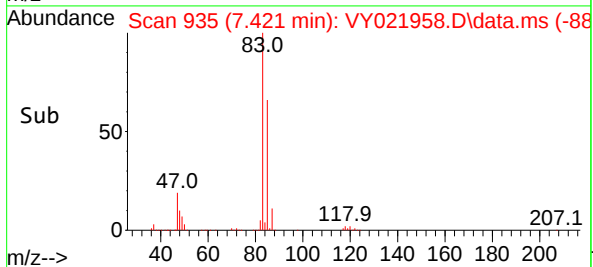
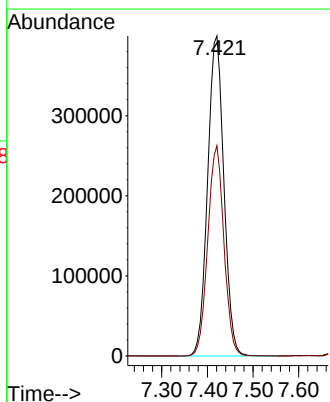
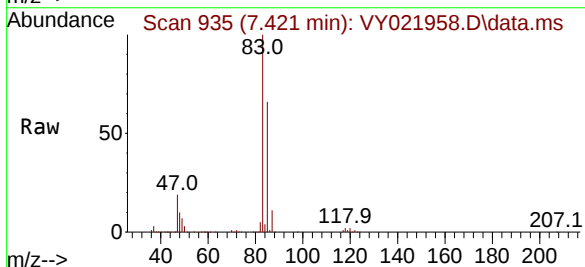
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

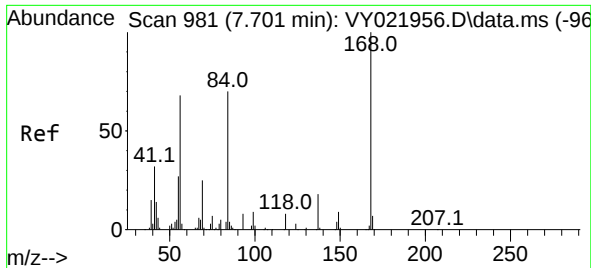
Tgt Ion: 42 Resp: 357581
Ion Ratio Lower Upper
42 100
72 57.2 42.6 63.8
71 53.5 40.6 61.0



#30
Chloroform
Concen: 140.042 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 83 Resp: 986793
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9

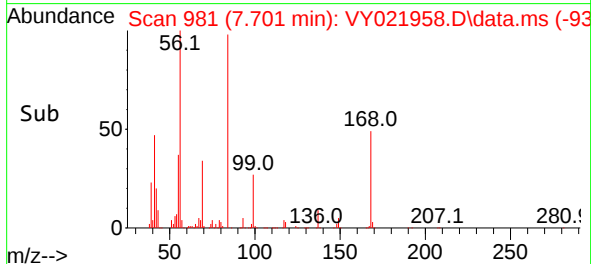
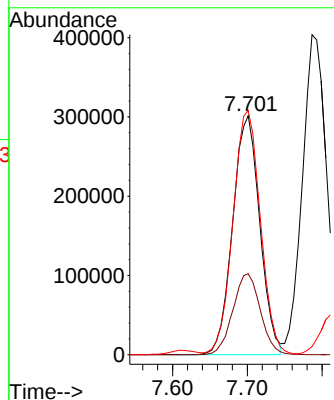
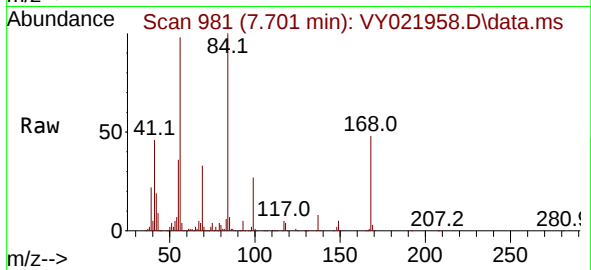




#31
Cyclohexane
Concen: 139.782 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

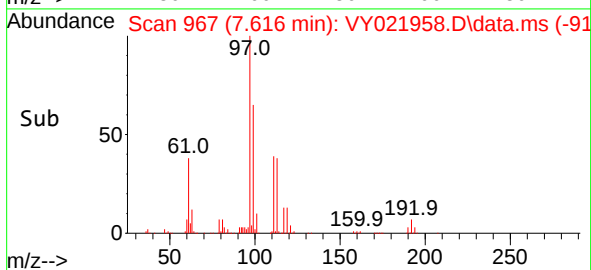
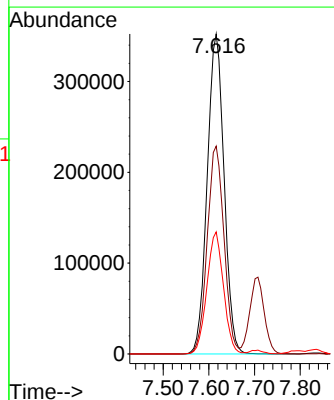
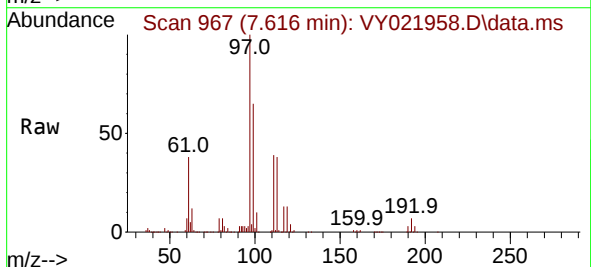
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 759349
Ion Ratio Lower Upper
56 100
69 33.8 29.4 44.2
84 100.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 141.659 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 97 Resp: 903077
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 37.7 31.4 47.2

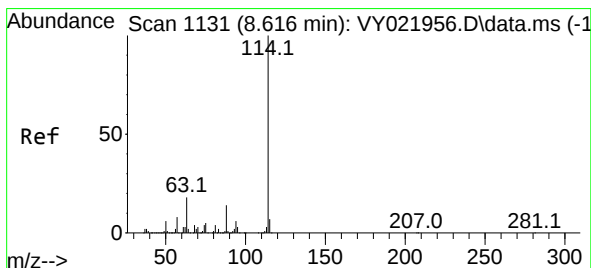
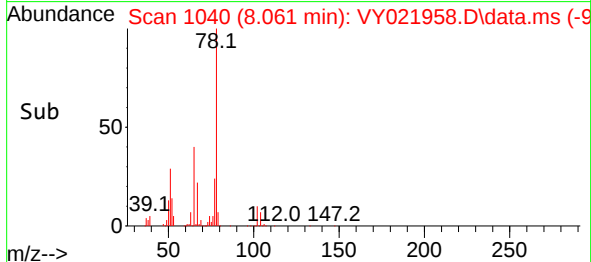
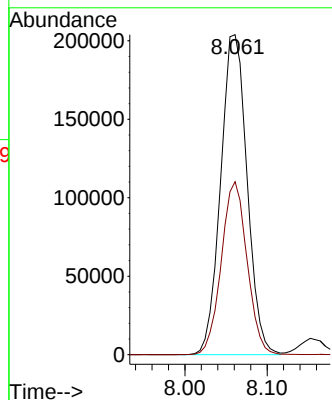
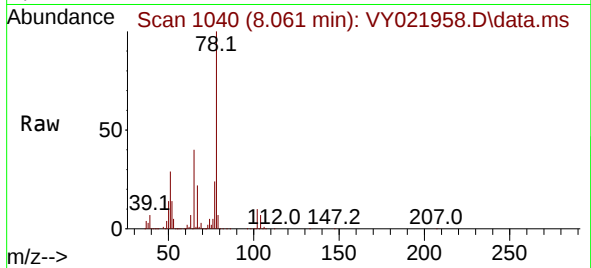




#33
 1,2-Dichloroethane-d4
 Concen: 138.662 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

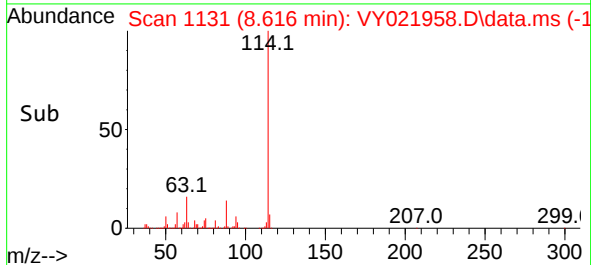
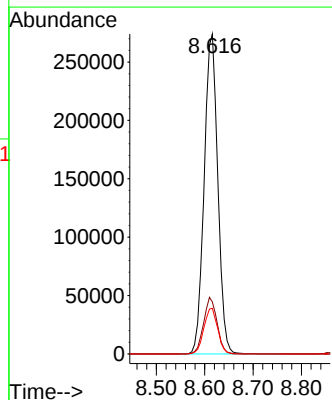
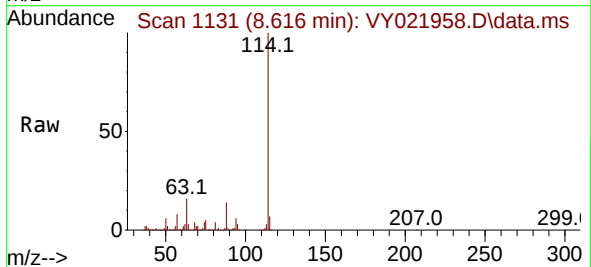
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

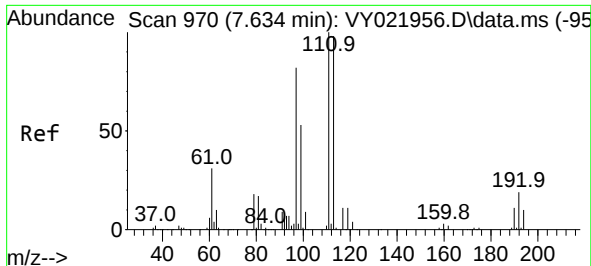
Tgt Ion: 65 Resp: 455676
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

Tgt Ion: 114 Resp: 536479
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 35.4
 88 14.2 0.0 28.2

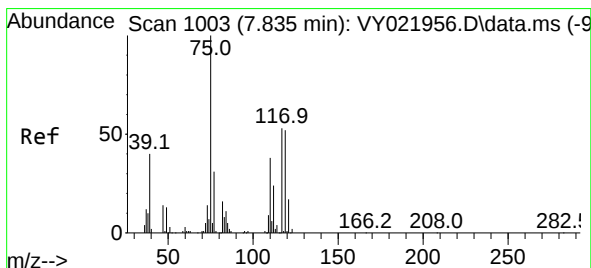
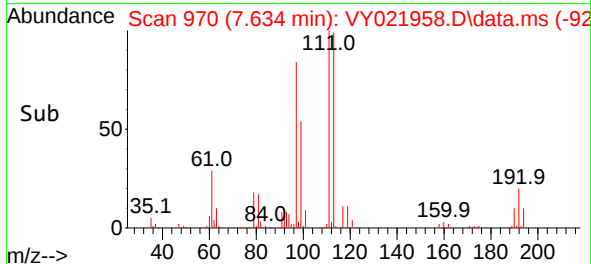
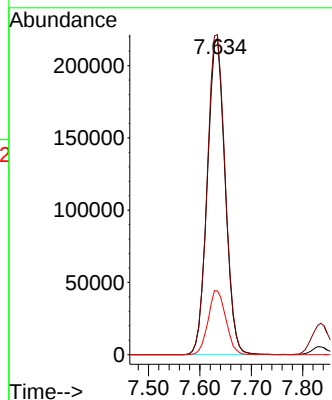
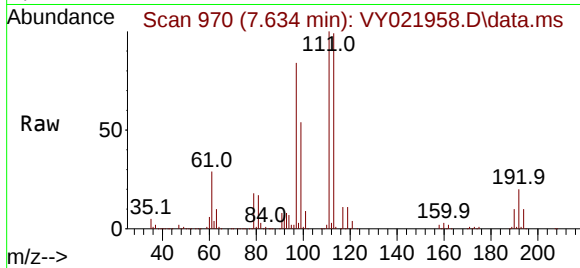




#35
Dibromofluoromethane
Concen: 148.312 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

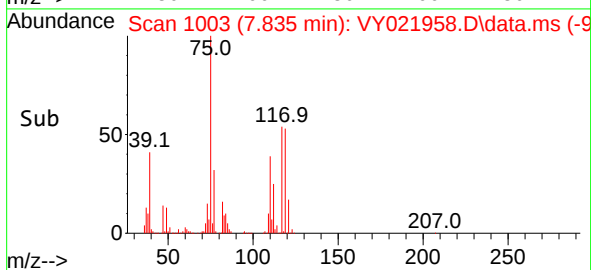
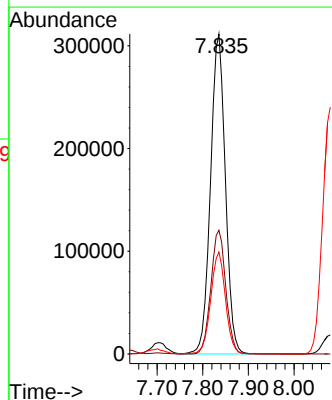
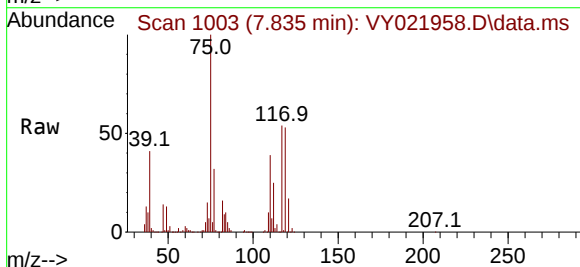
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

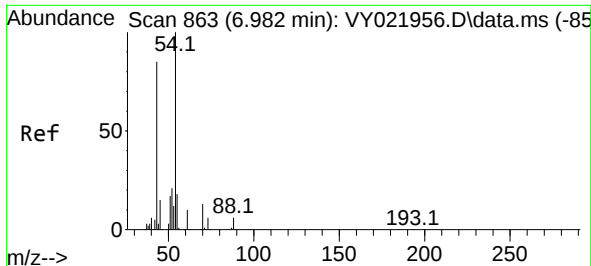
Tgt Ion:113 Resp: 525659
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 147.634 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 702870
Ion Ratio Lower Upper
75 100
110 38.8 19.1 57.3
77 31.7 25.5 38.3





#37

Ethyl Acetate

Concen: 144.169 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

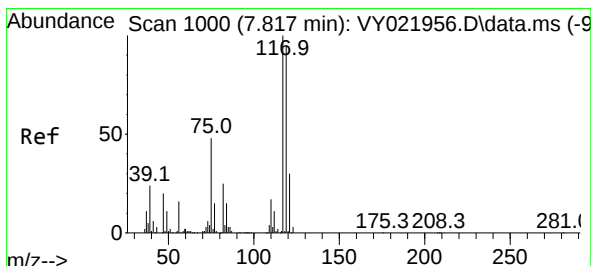
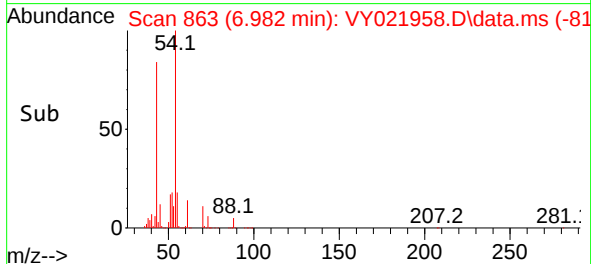
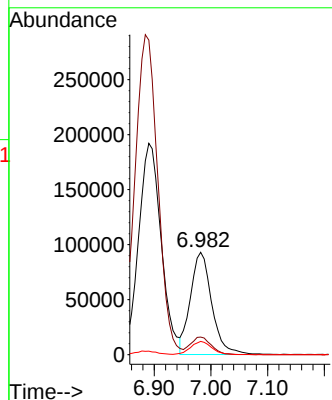
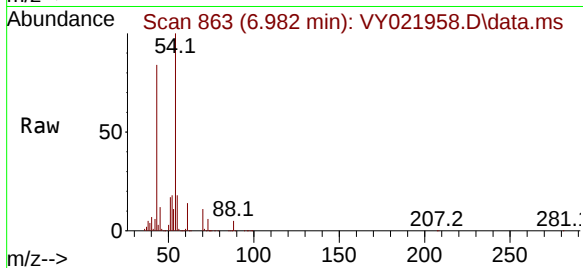
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 243196

Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.8	20.6
70	12.9	9.2	13.8



#38

Carbon Tetrachloride

Concen: 147.902 ug/l

RT: 7.817 min Scan# 1000

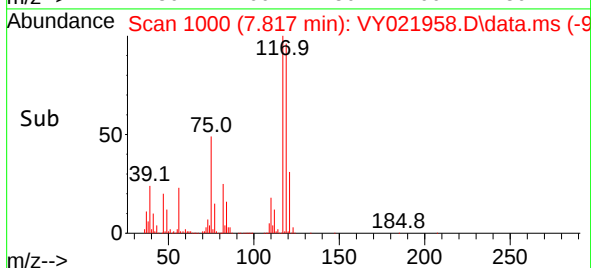
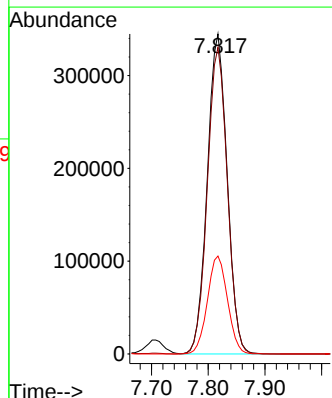
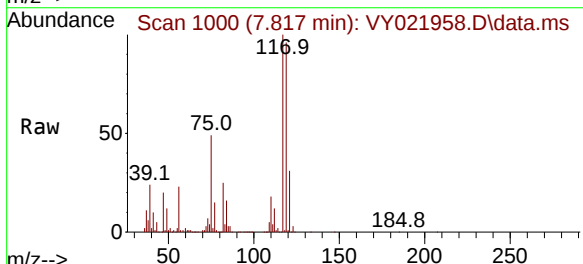
Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion: 117 Resp: 841409

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.4
121	30.6	24.0	36.0





#39

Methylcyclohexane

Concen: 158.153 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

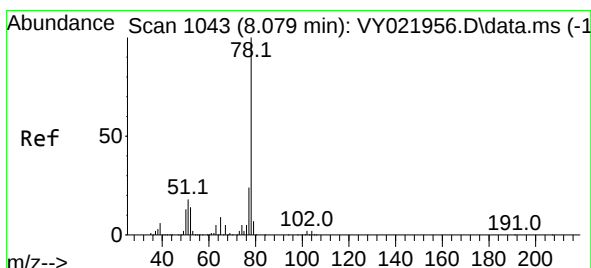
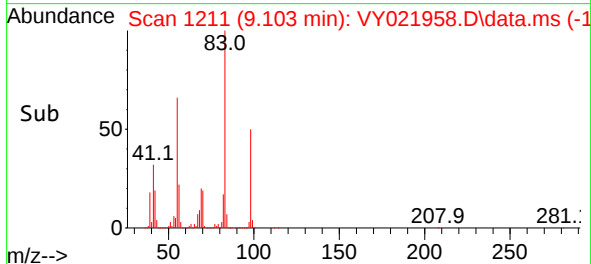
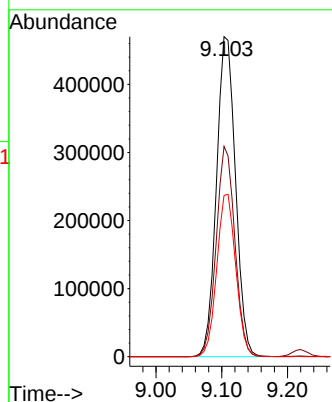
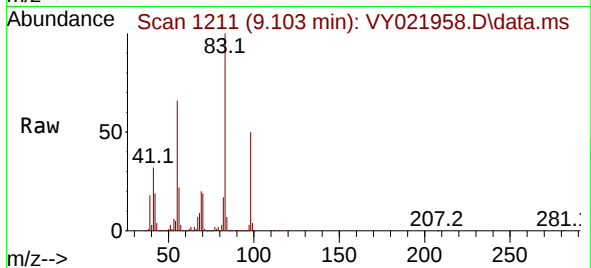
Tgt Ion: 83 Resp: 947546

Ion Ratio Lower Upper

83 100

55 65.7 50.6 75.8

98 50.4 38.6 58.0



#40

Benzene

Concen: 146.818 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021958.D

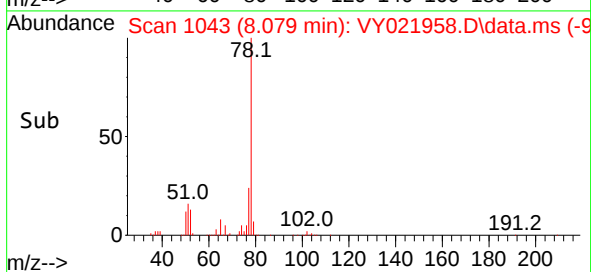
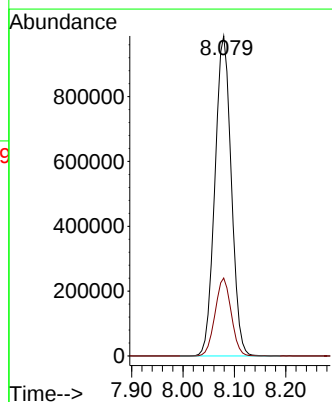
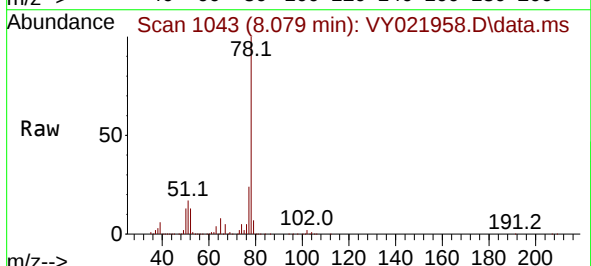
Acq: 22 Apr 2025 16:15

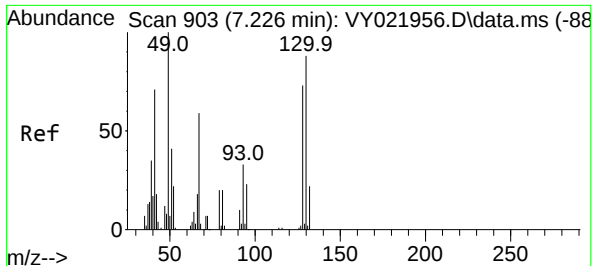
Tgt Ion: 78 Resp: 2184995

Ion Ratio Lower Upper

78 100

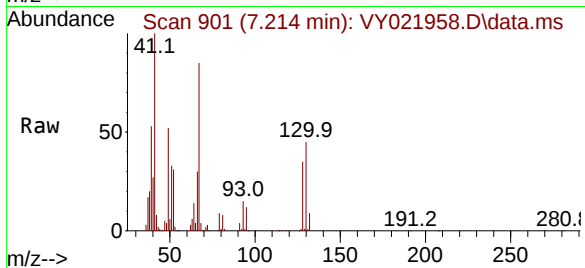
77 24.4 19.3 28.9



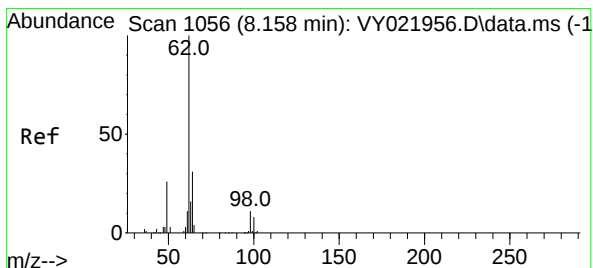
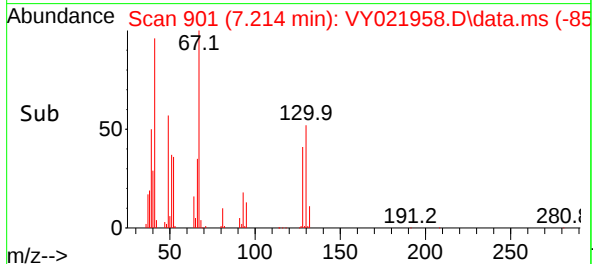
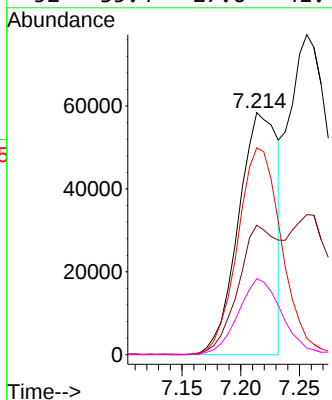


#41
Methacrylonitrile
Concen: 144.765 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

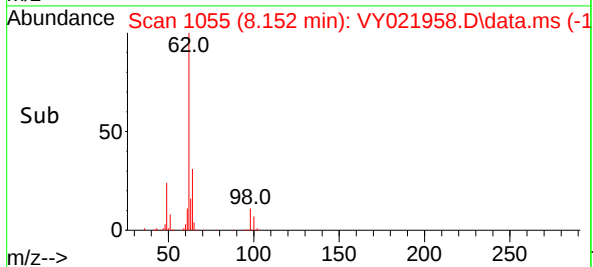
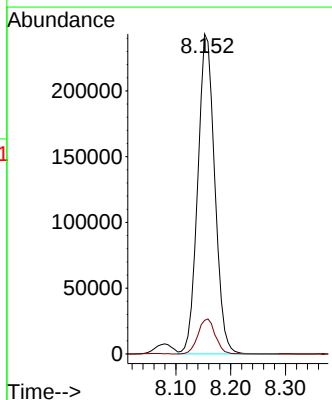
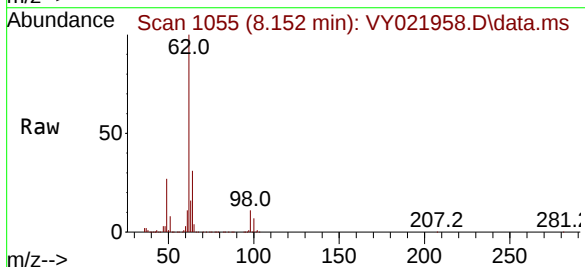


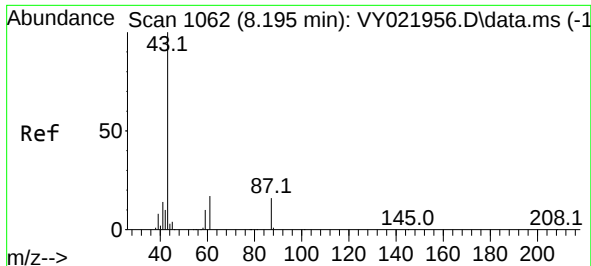
Tgt Ion: 41 Resp: 135364
Ion Ratio Lower Upper
41 100
39 60.3 36.6 55.0#
67 96.7 72.2 108.4
52 35.4 27.6 41.4



#42
1,2-Dichloroethane
Concen: 141.914 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 62 Resp: 522909
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

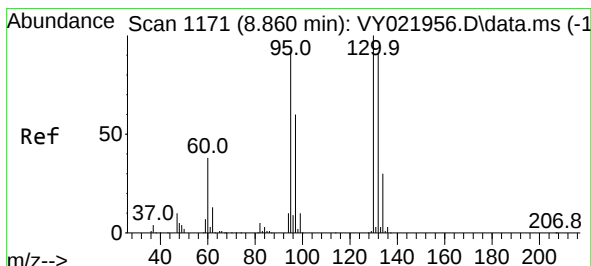
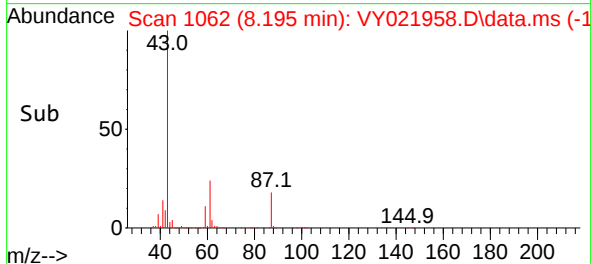
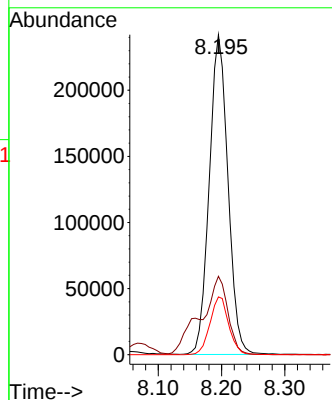
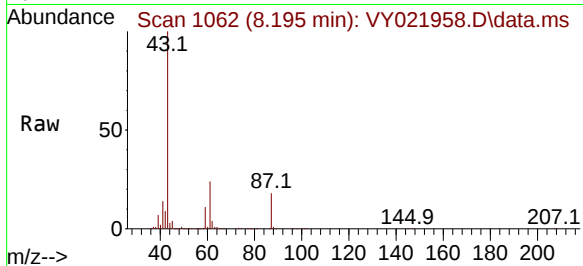




#43
Isopropyl Acetate
Concen: 151.020 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

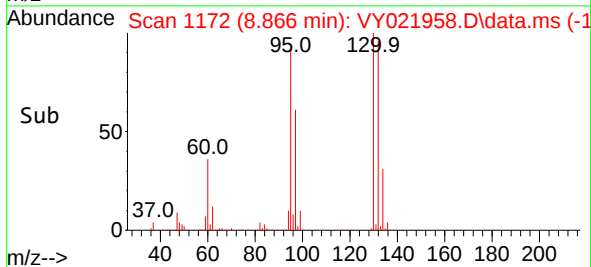
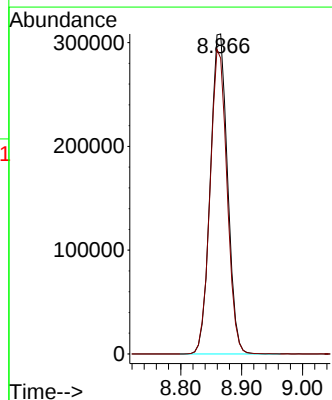
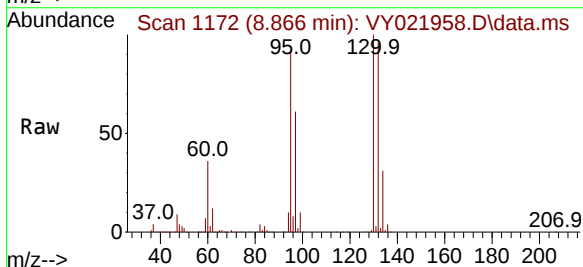
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 495904
Ion Ratio Lower Upper
43 100
61 35.6 18.9 28.3#
87 18.1 13.7 20.5



#44
Trichloroethene
Concen: 146.435 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:130 Resp: 603635
Ion Ratio Lower Upper
130 100
95 92.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 143.782 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

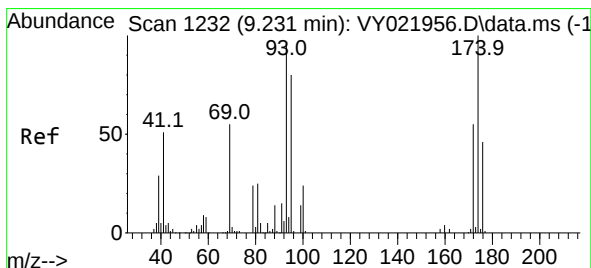
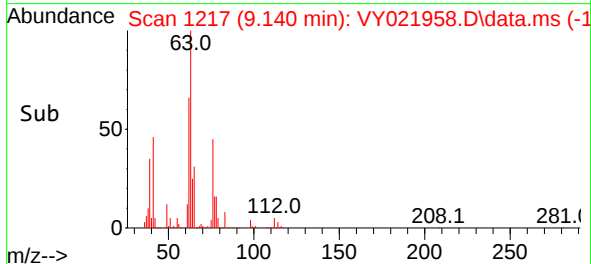
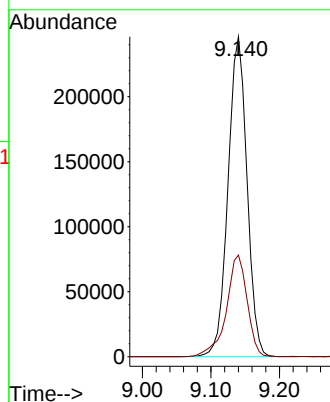
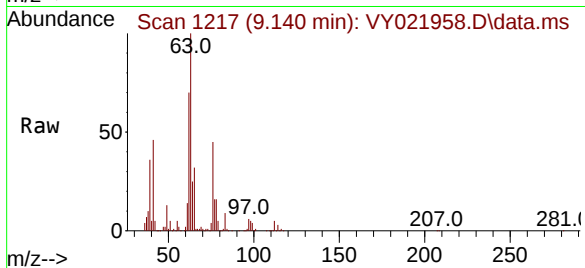
VSTDIC150

Tgt Ion: 63 Resp: 473210

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 145.844 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

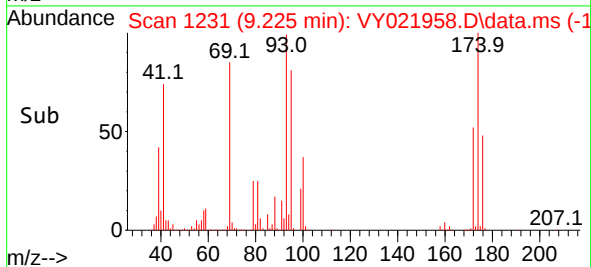
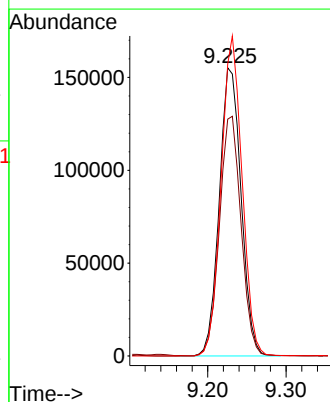
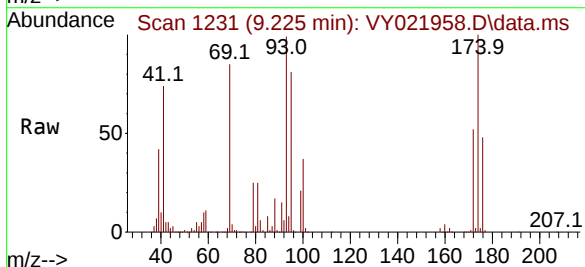
Tgt Ion: 93 Resp: 300473

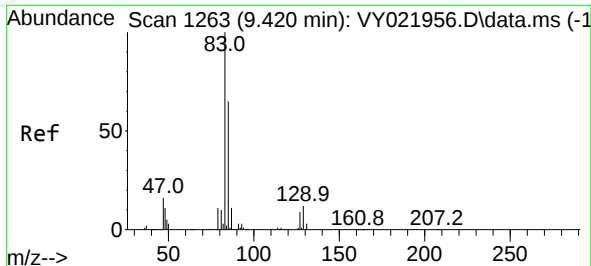
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 106.9 84.6 127.0

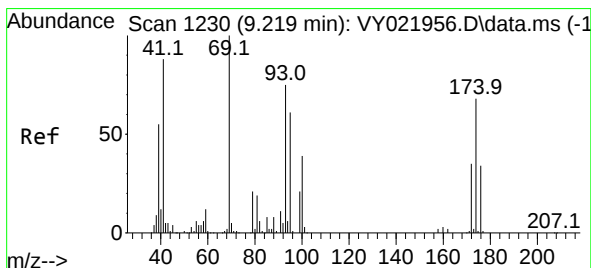
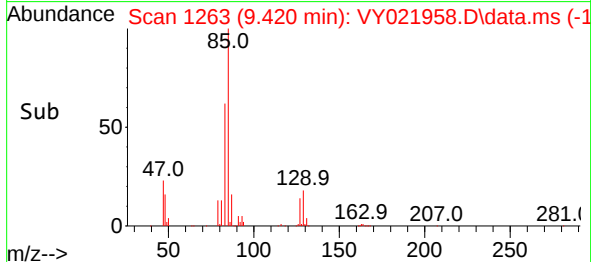
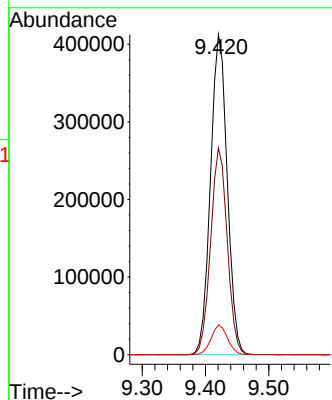
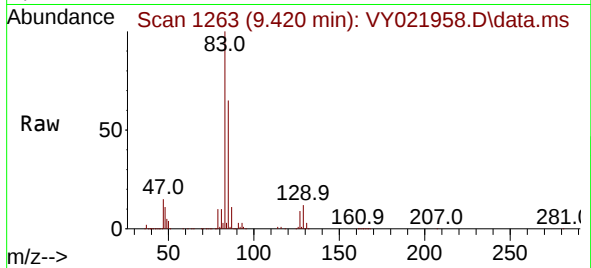




#47
Bromodichloromethane
Concen: 147.426 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

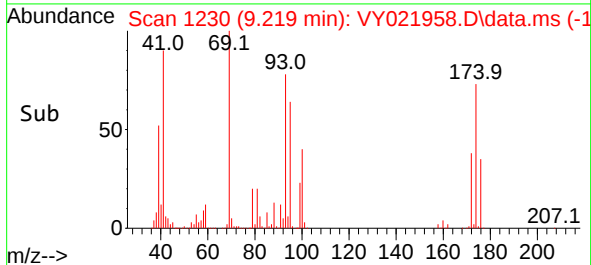
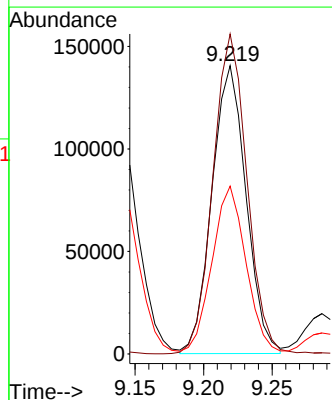
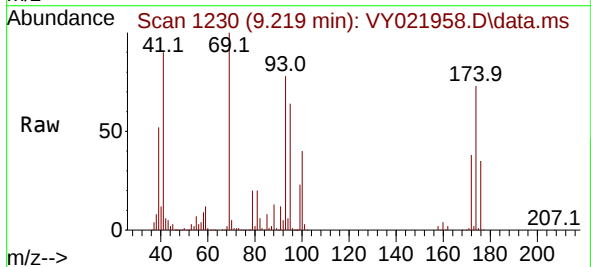
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

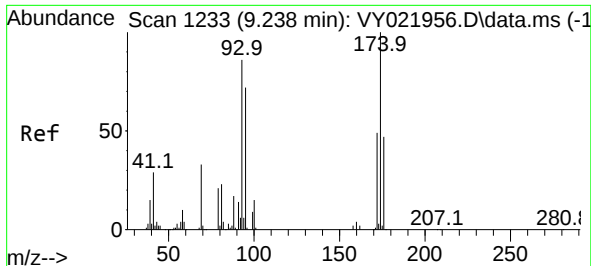
Tgt Ion: 83 Resp: 758771
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 160.190 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 41 Resp: 243168
Ion Ratio Lower Upper
41 100
69 111.2 85.5 128.3
39 56.5 46.2 69.4





#49

1,4-Dioxane

Concen: 3029.677 ug/l

RT: 9.225 min Scan# 1233

Delta R.T. -0.012 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

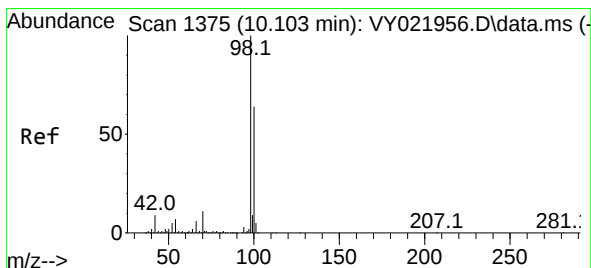
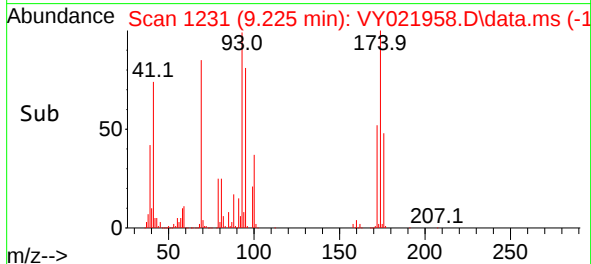
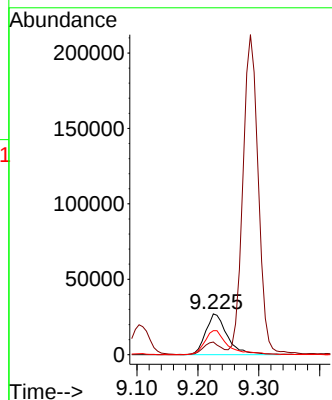
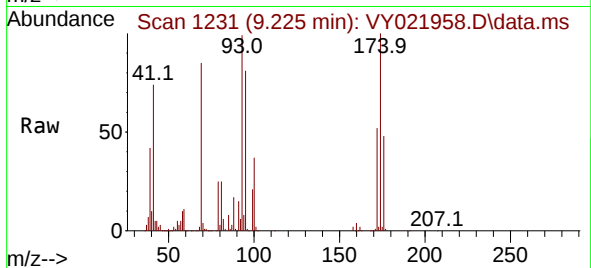
Tgt Ion: 88 Resp: 66528

Ion Ratio Lower Upper

88 100

43 25.3 21.3 31.9

58 63.5 50.5 75.7



#50

Toluene-d8

Concen: 151.892 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021958.D

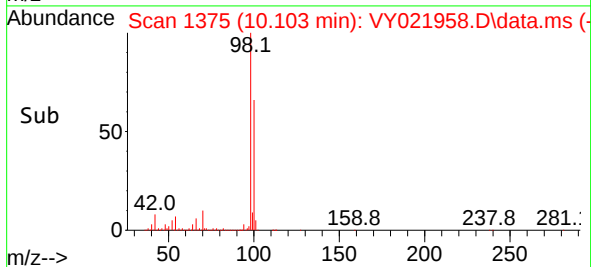
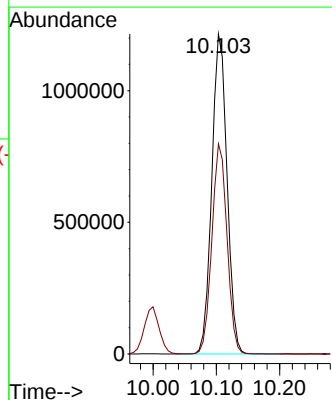
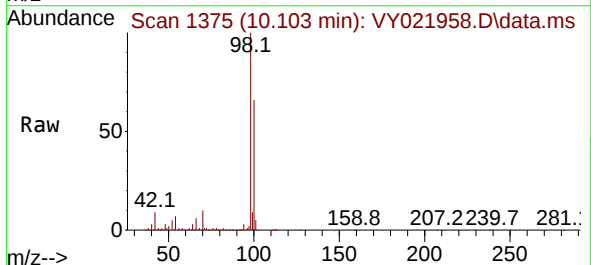
Acq: 22 Apr 2025 16:15

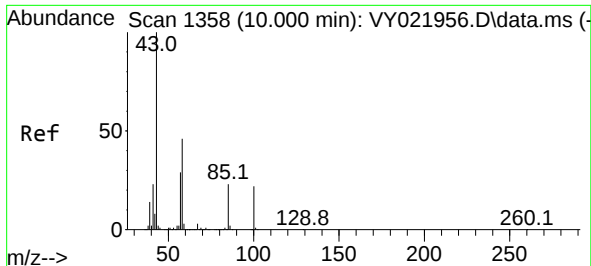
Tgt Ion: 98 Resp: 2029557

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4

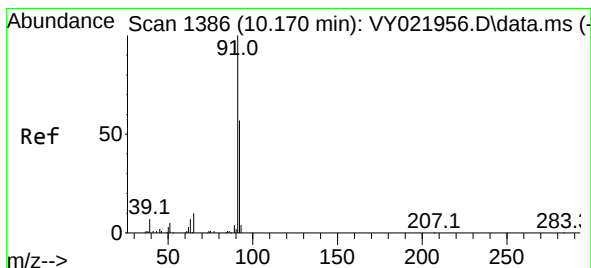
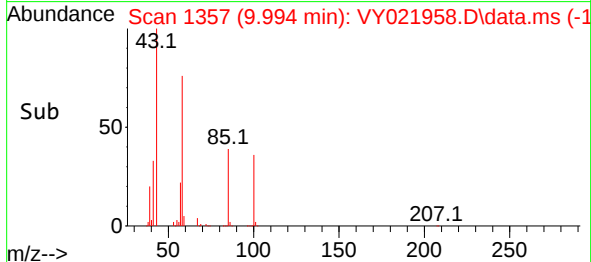
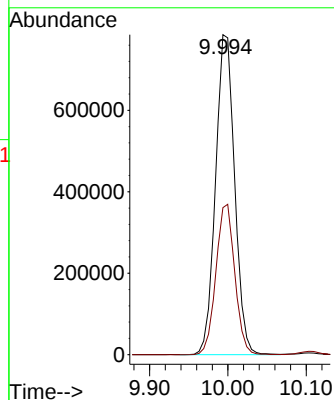
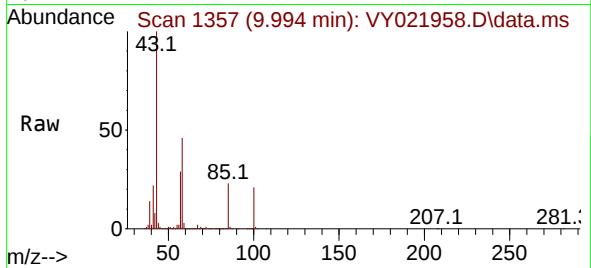




#51
4-Methyl-2-Pentanone
Concen: 773.306 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

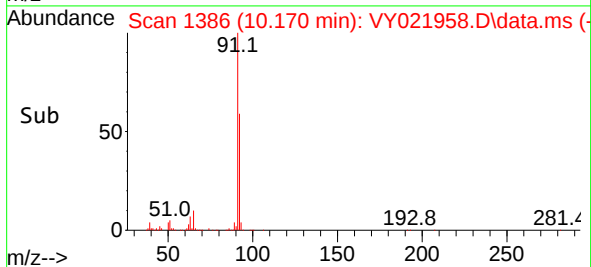
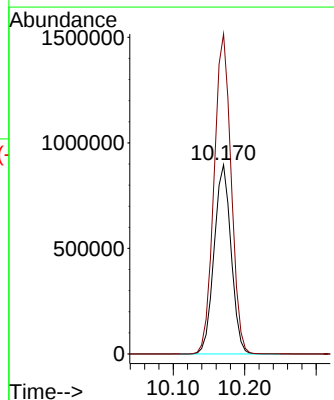
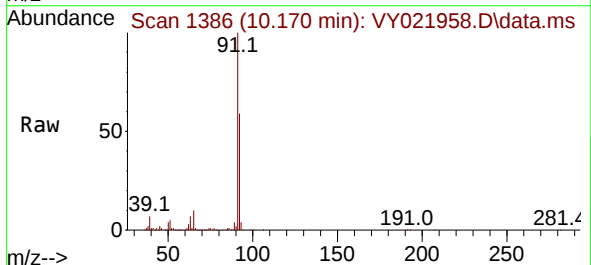
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

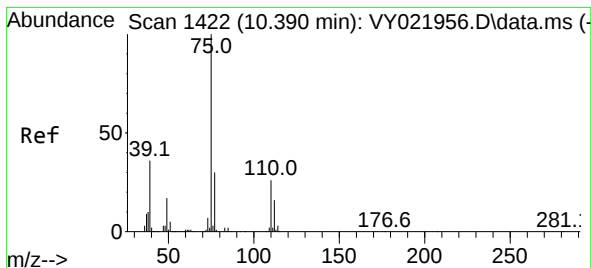
Tgt Ion: 43 Resp: 1331129
Ion Ratio Lower Upper
43 100
58 46.5 36.6 55.0



#52
Toluene
Concen: 152.593 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 92 Resp: 1470005
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

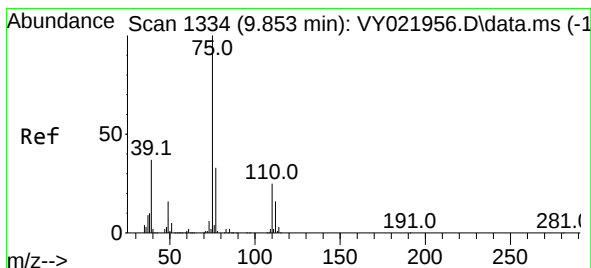
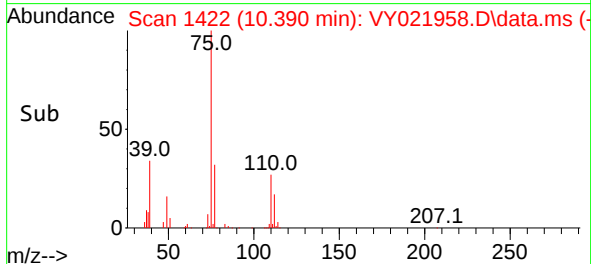
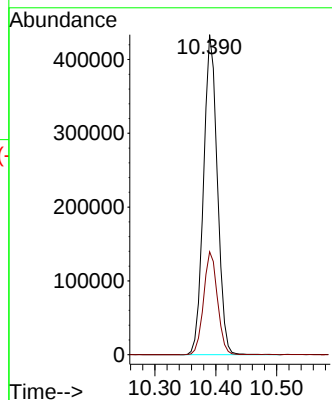
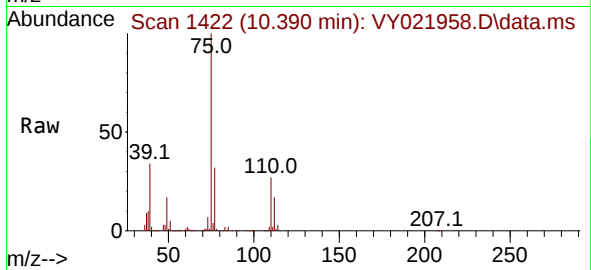




#53
 t-1,3-Dichloropropene
 Concen: 154.922 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

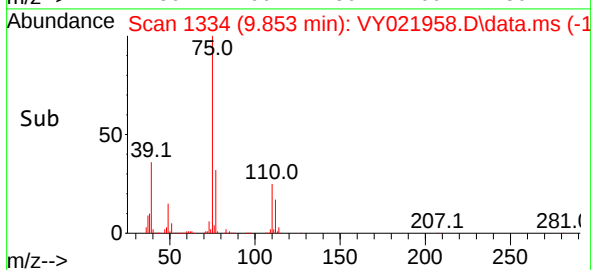
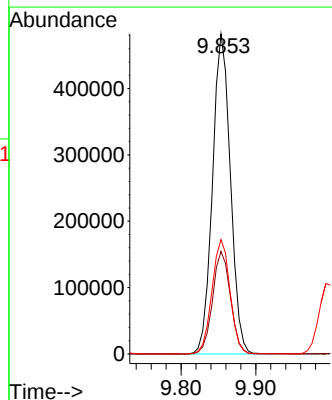
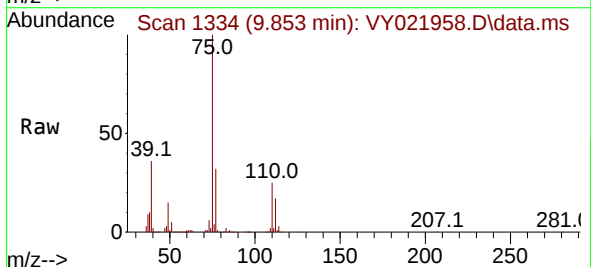
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

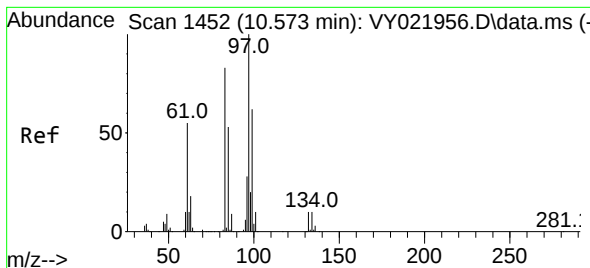
Tgt Ion: 75 Resp: 683926
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 153.345 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 804716
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.6 40.0
 39 35.7 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 147.287 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 405335

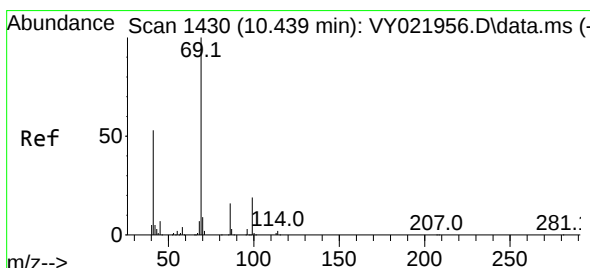
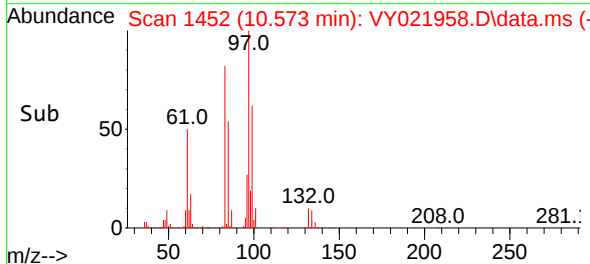
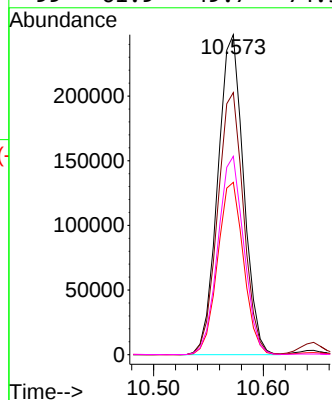
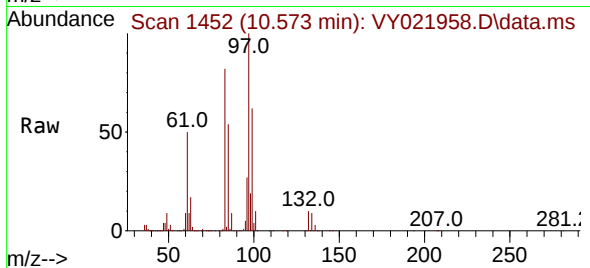
Ion Ratio Lower Upper

97 100

83 81.9 66.7 100.1

85 53.9 42.6 64.0

99 61.9 49.7 74.5



#56

Ethyl methacrylate

Concen: 168.507 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

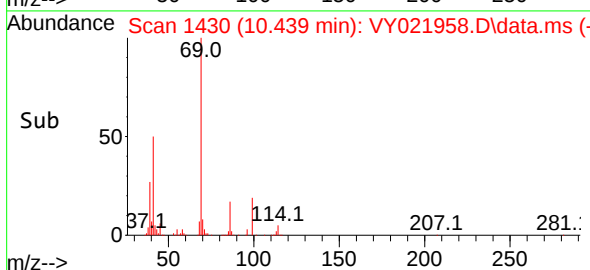
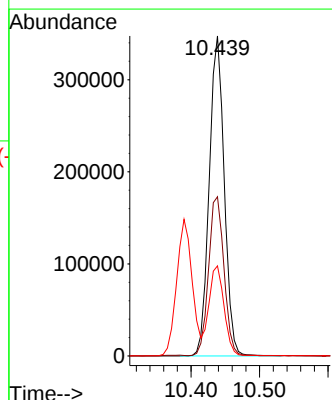
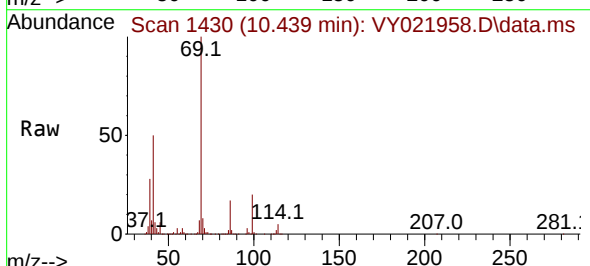
Tgt Ion: 69 Resp: 530305

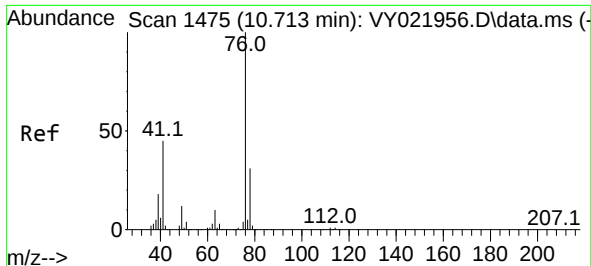
Ion Ratio Lower Upper

69 100

41 50.9 40.7 61.1

39 28.4 23.3 34.9





#57

1,3-Dichloropropane

Concen: 147.471 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

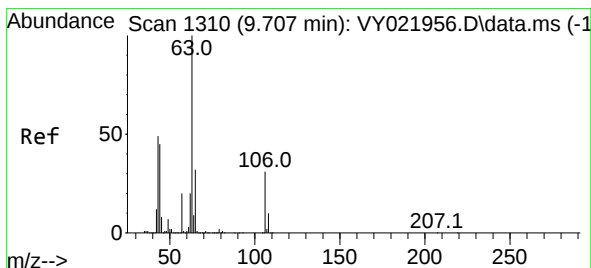
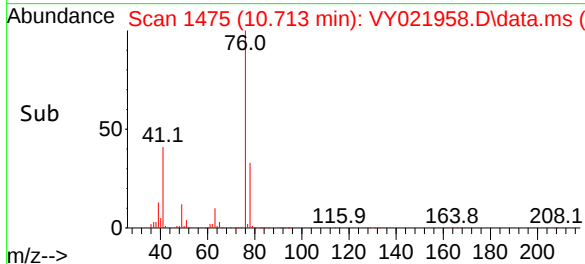
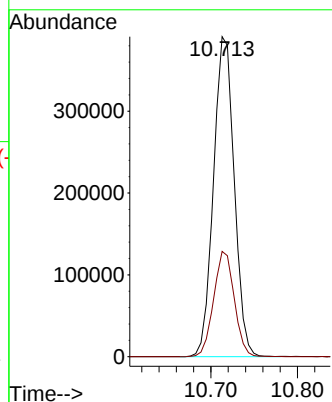
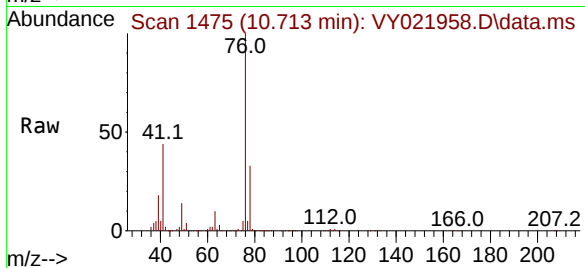
VSTDIC150

Tgt Ion: 76 Resp: 650614

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 840.076 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021958.D

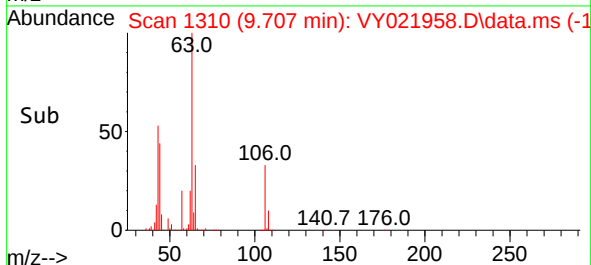
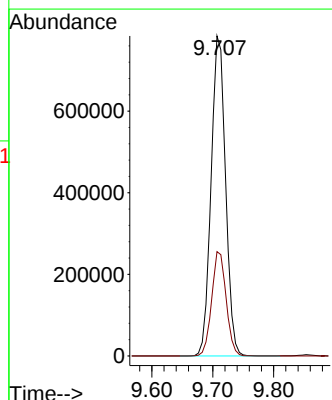
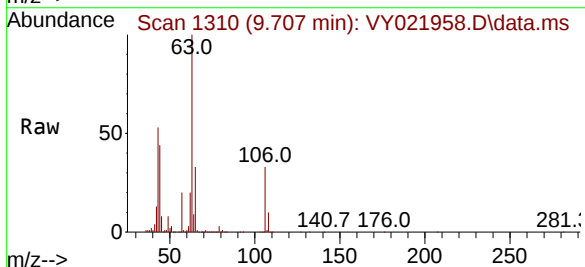
Acq: 22 Apr 2025 16:15

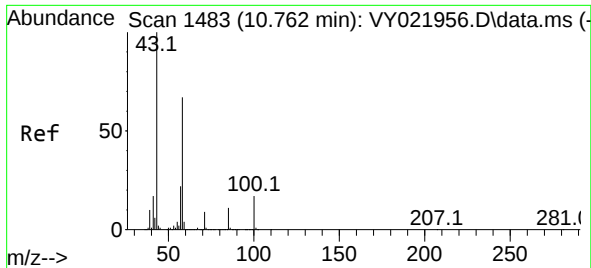
Tgt Ion: 63 Resp: 1292633

Ion Ratio Lower Upper

63 100

106 32.5 25.3 37.9

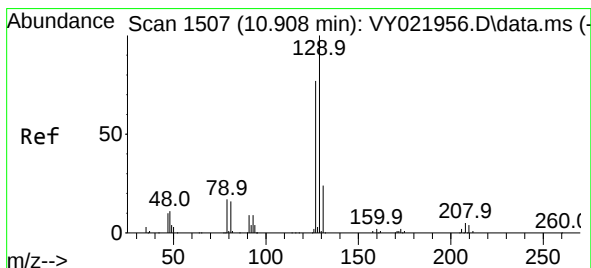
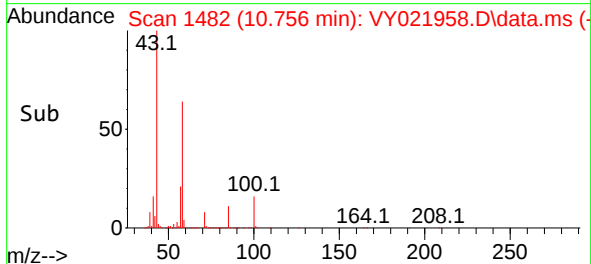
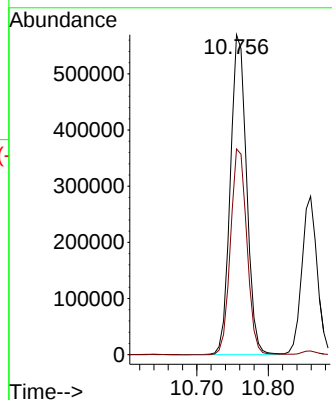
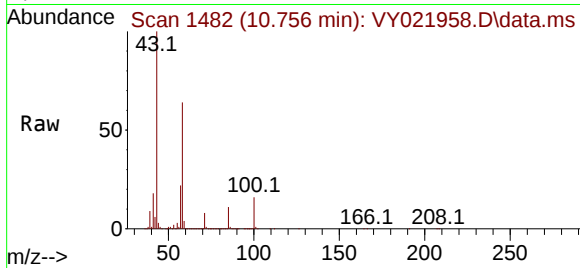




#59
2-Hexanone
Concen: 789.752 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

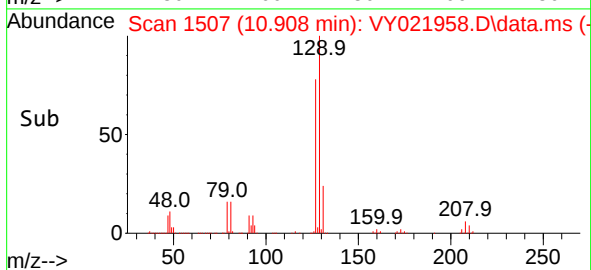
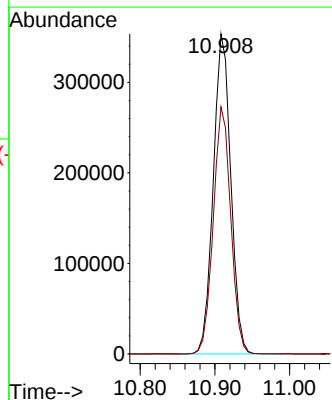
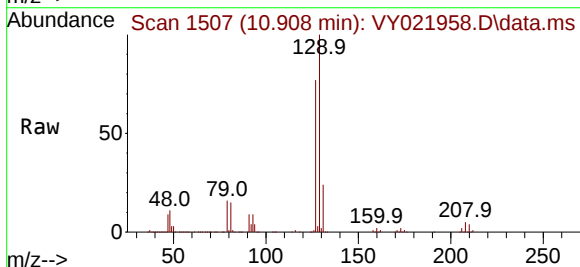
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

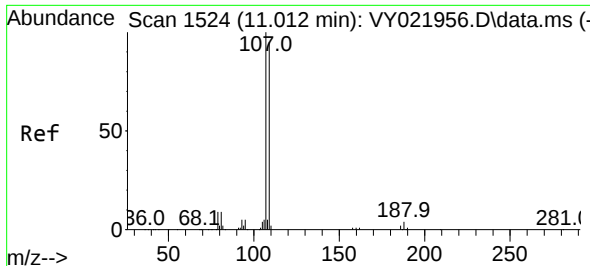
Tgt Ion: 43 Resp: 896663
Ion Ratio Lower Upper
43 100
58 64.8 32.0 96.0



#60
Dibromochloromethane
Concen: 150.763 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 129 Resp: 574423
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

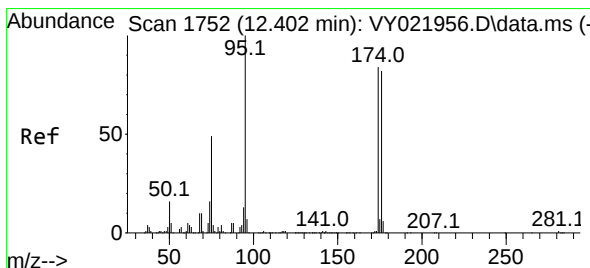
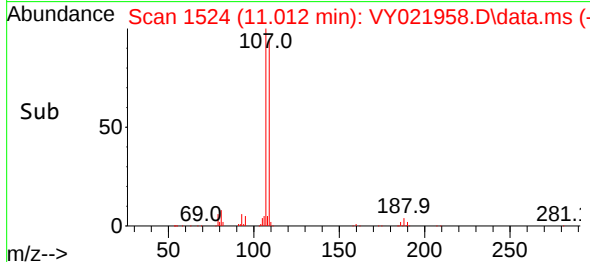
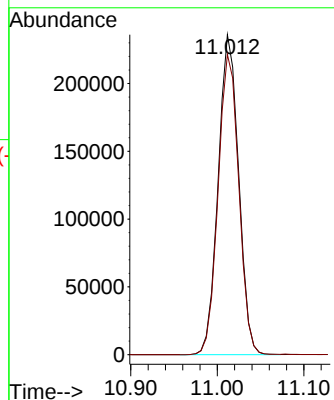
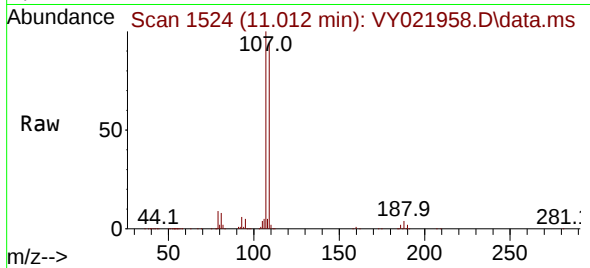




#61
1,2-Dibromoethane
Concen: 148.938 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

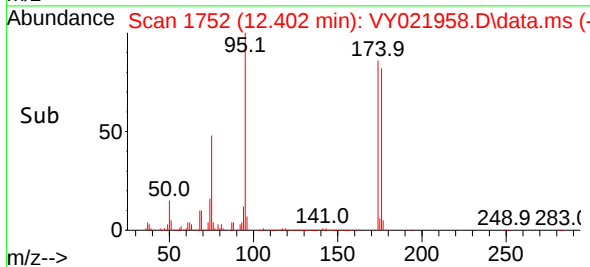
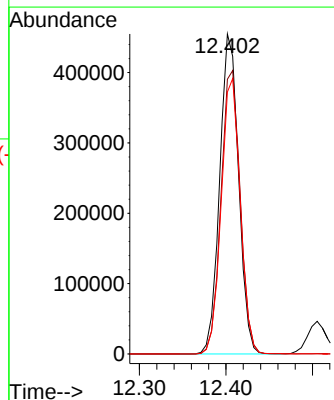
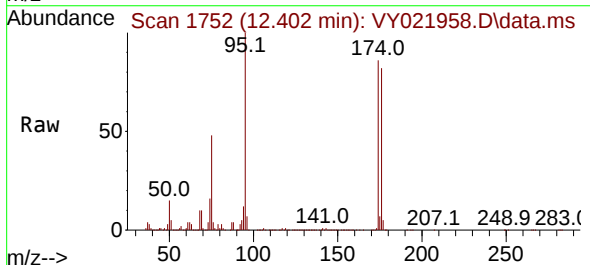
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

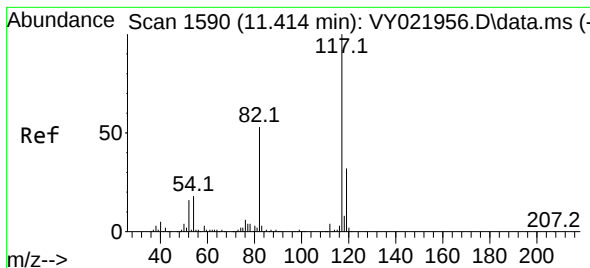
Tgt Ion:107 Resp: 386950
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 152.965 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 95 Resp: 688061
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.0
176 86.9 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: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

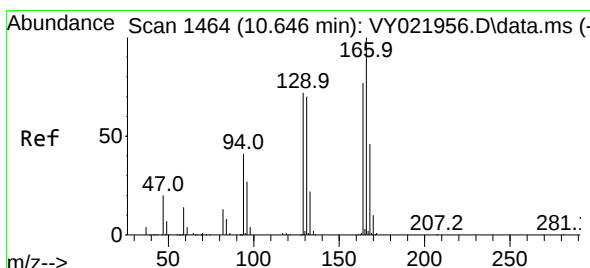
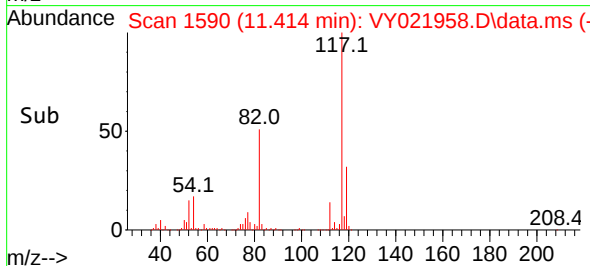
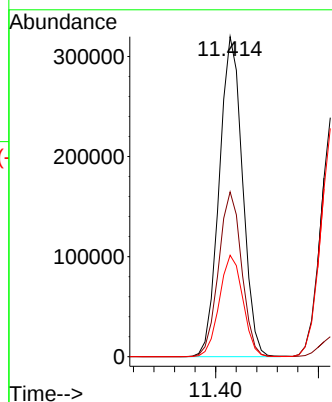
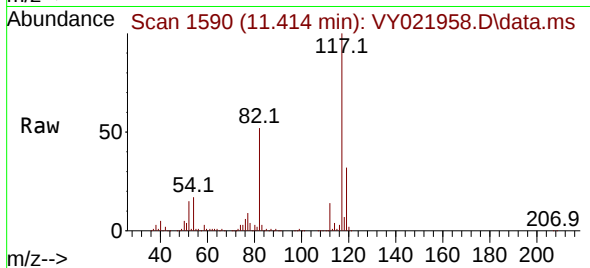
Tgt Ion:117 Resp: 502246

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 136.828 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion:164 Resp: 648295

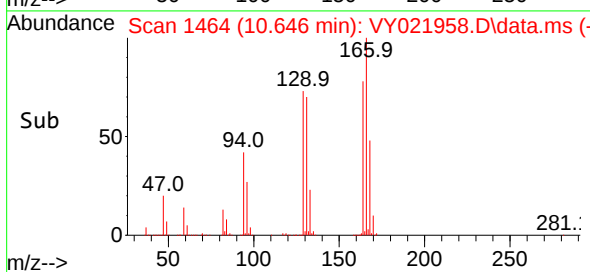
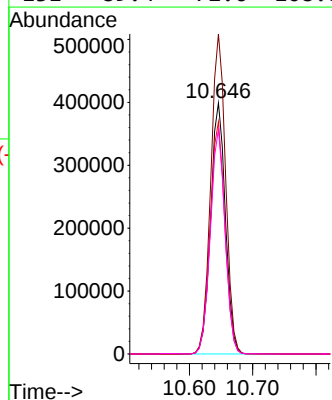
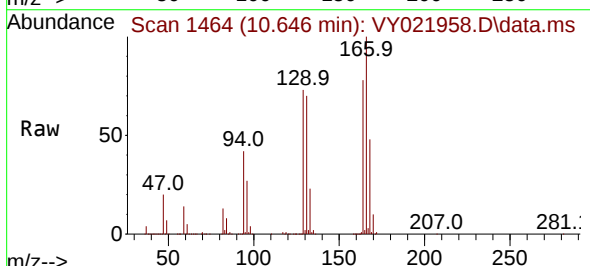
Ion Ratio Lower Upper

164 100

166 127.4 103.6 155.4

129 92.5 74.2 111.4

131 89.4 72.6 108.8





#65

Chlorobenzene

Concen: 146.452 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

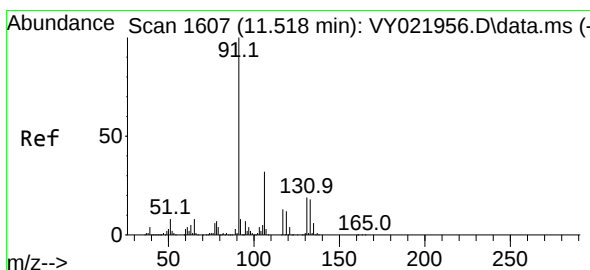
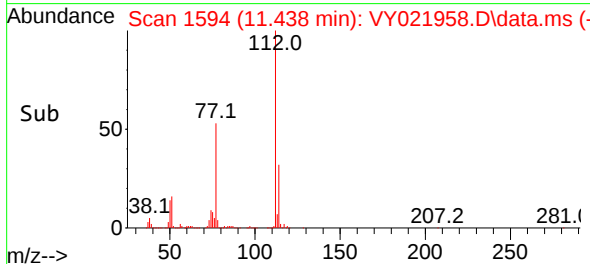
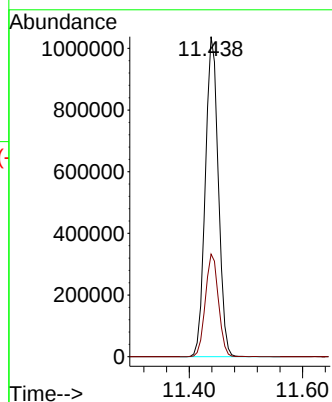
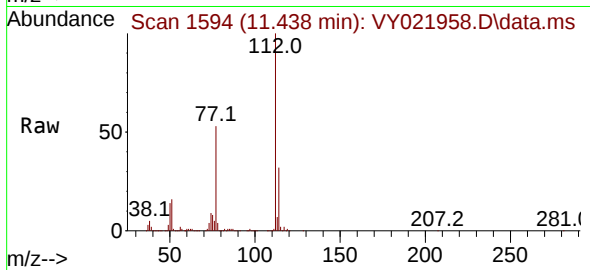
VSTDIC150

Tgt Ion:112 Resp: 1644879

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 147.925 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

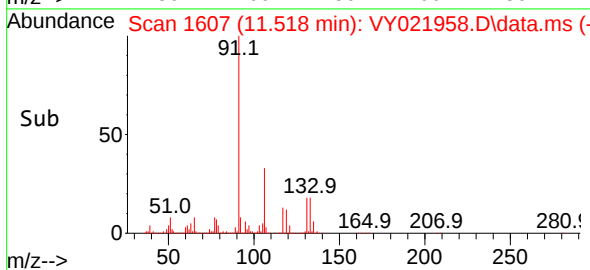
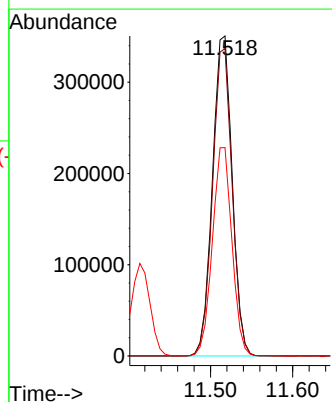
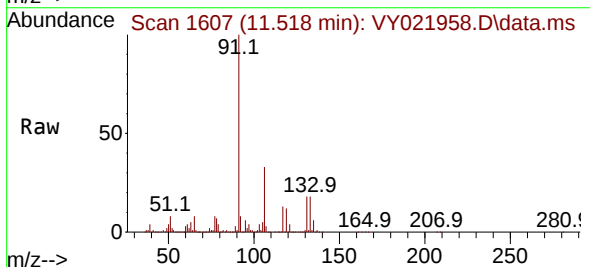
Tgt Ion:131 Resp: 584913

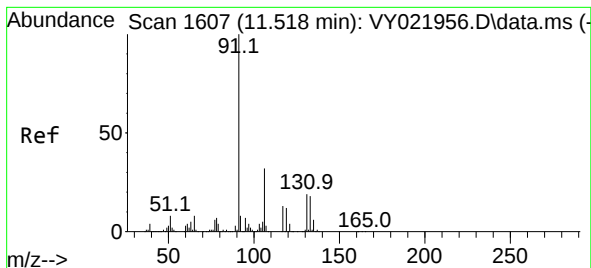
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 64.6 32.4 97.0





#67

Ethyl Benzene

Concen: 155.641 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

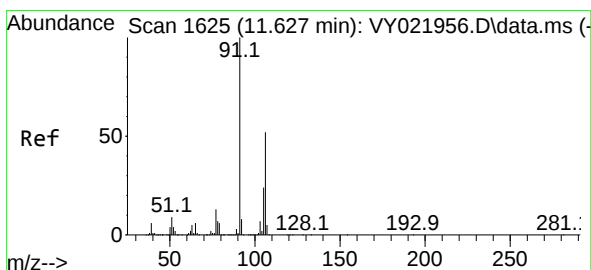
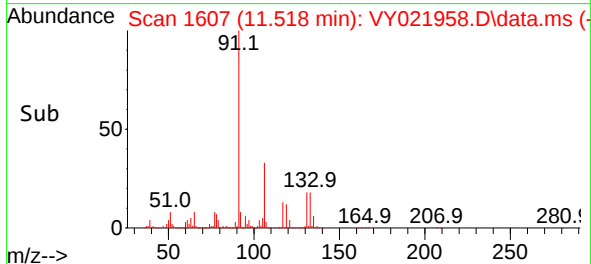
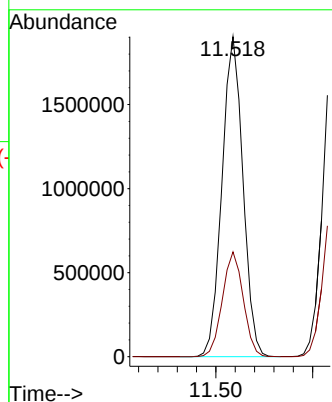
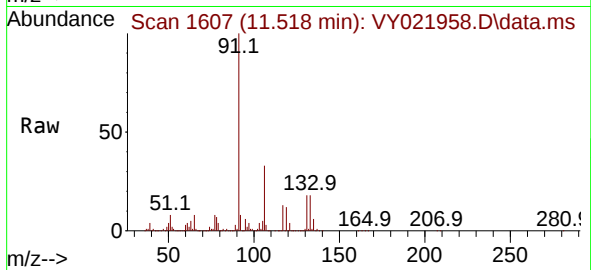
VSTDIC150

Tgt Ion: 91 Resp: 2859582

Ion Ratio Lower Upper

91 100

106 32.8 25.9 38.9



#68

m/p-Xylenes

Concen: 310.594 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021958.D

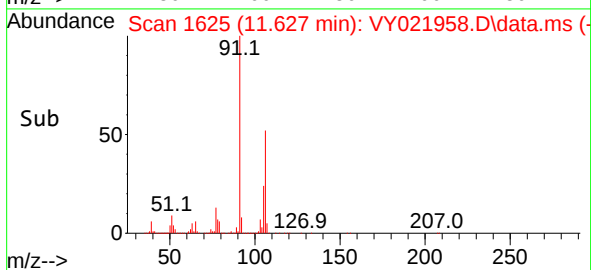
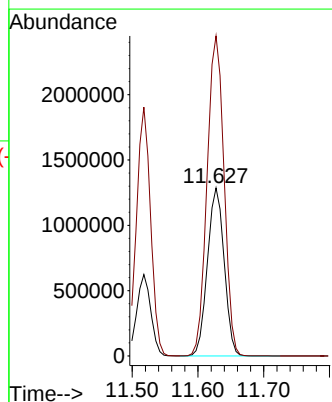
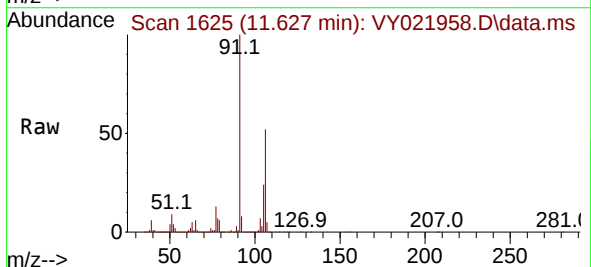
Acq: 22 Apr 2025 16:15

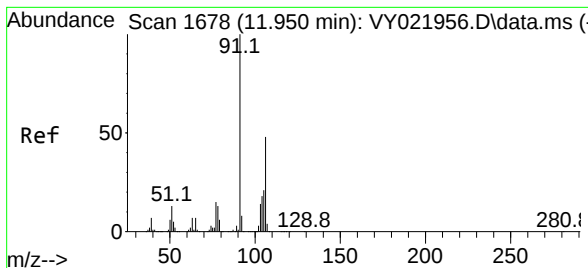
Tgt Ion: 106 Resp: 2270756

Ion Ratio Lower Upper

106 100

91 193.3 156.2 234.2

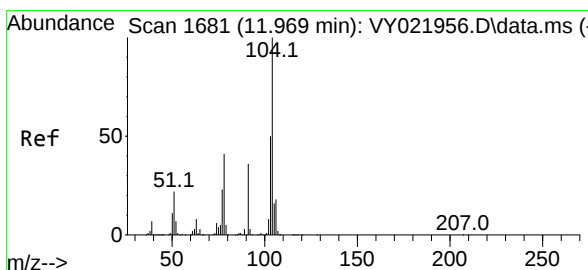
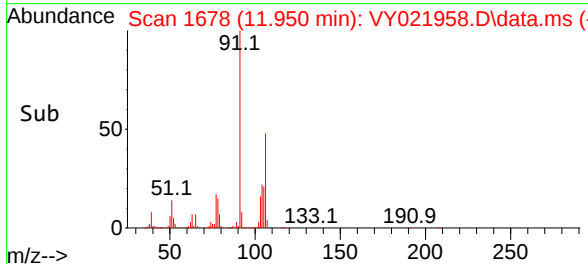
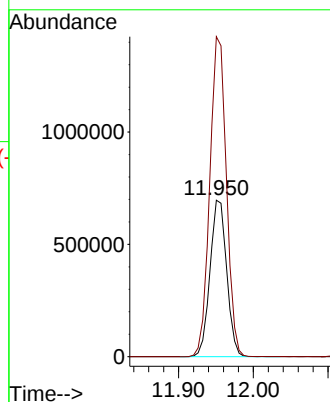
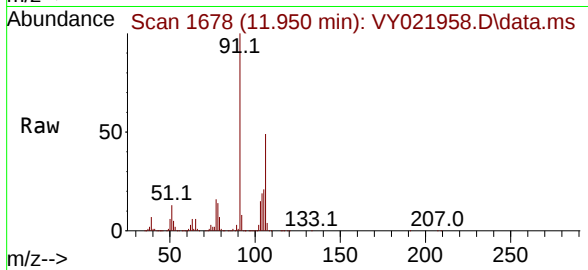




#69
o-Xylene
Concen: 160.131 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

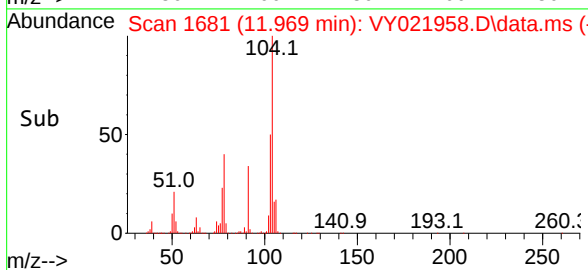
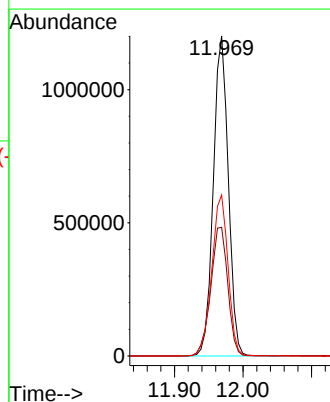
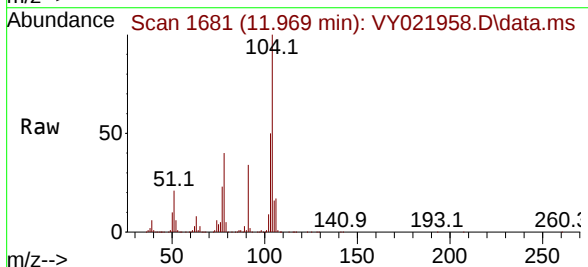
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

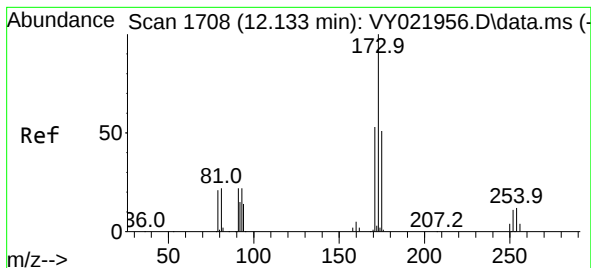
Tgt Ion:106 Resp: 1079036
Ion Ratio Lower Upper
106 100
91 204.3 103.0 308.9



#70
Styrene
Concen: 160.979 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:104 Resp: 1821333
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.6 43.8 65.8





#71

Bromoform

Concen: 150.413 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

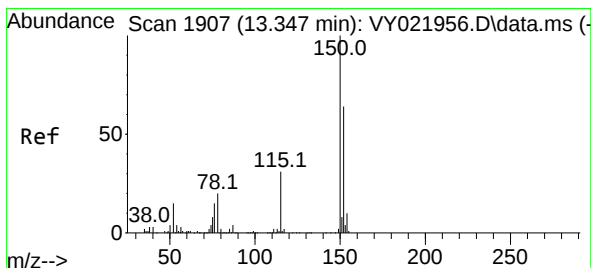
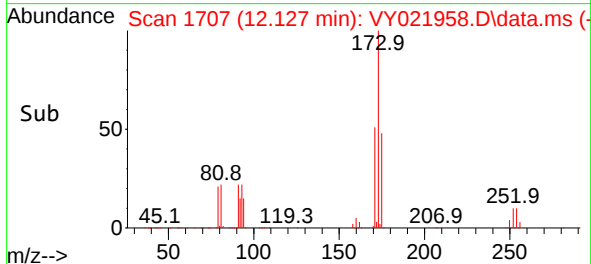
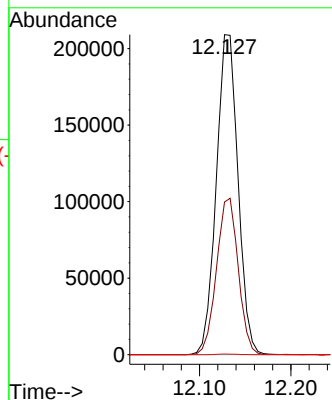
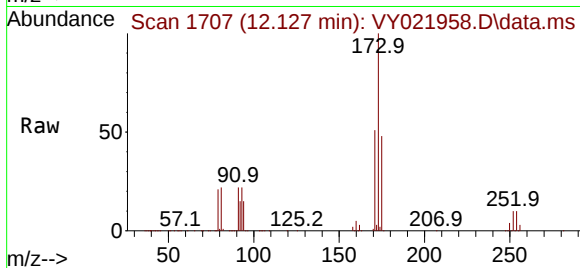
Tgt Ion:173 Resp: 345783

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.2 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: VY021958.D

Acq: 22 Apr 2025 16:15

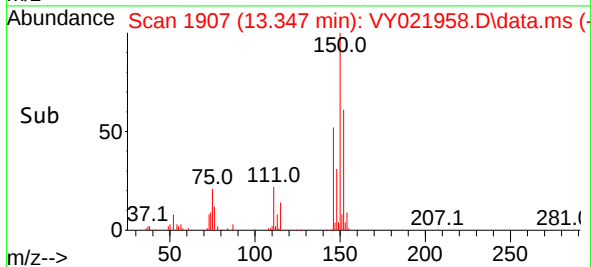
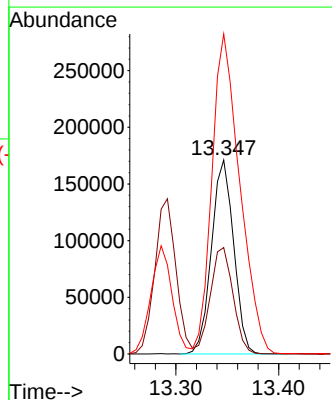
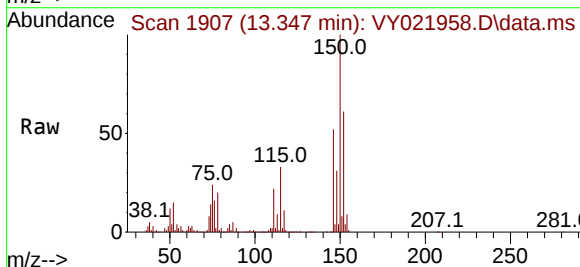
Tgt Ion:152 Resp: 256233

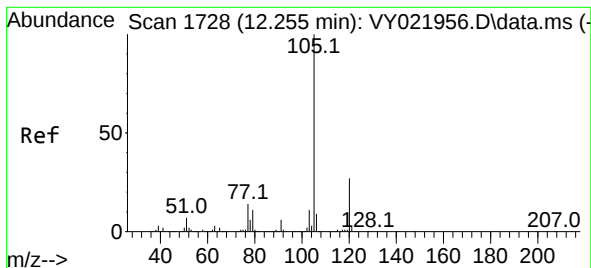
Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

150 207.6 0.0 345.6





#73

Isopropylbenzene

Concen: 161.622 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

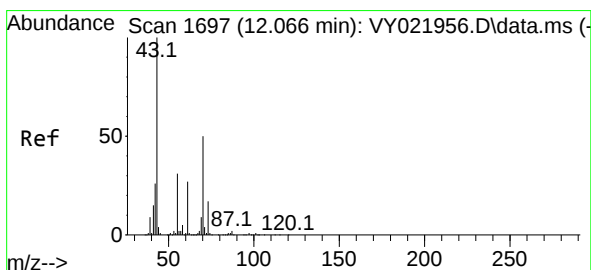
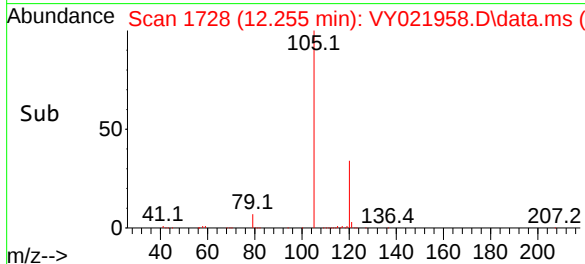
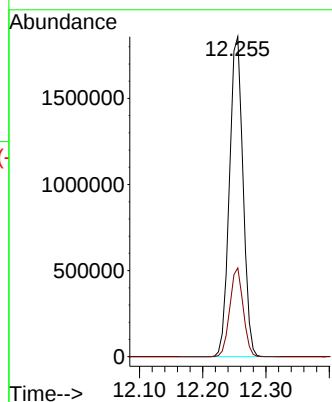
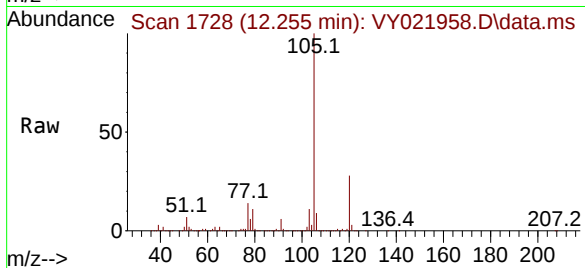
VSTDIC150

Tgt Ion:105 Resp: 2766822

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 163.570 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 481095

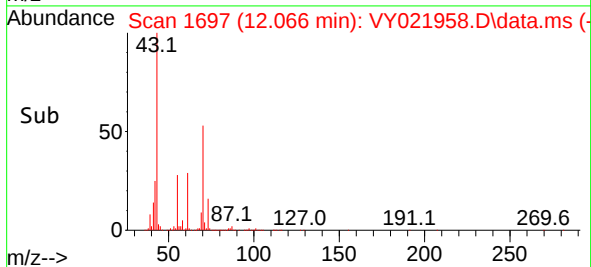
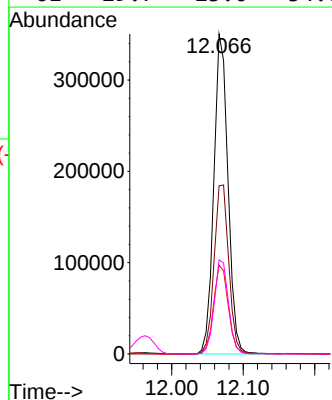
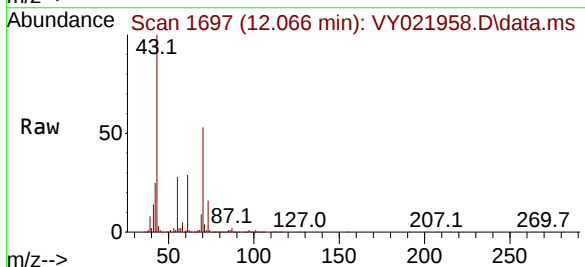
Ion Ratio Lower Upper

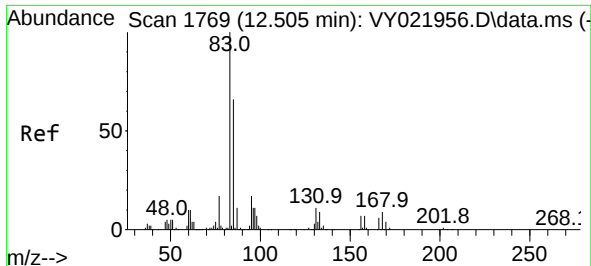
43 100

70 55.2 43.2 64.8

55 29.0 25.7 38.5

61 29.7 23.0 34.6

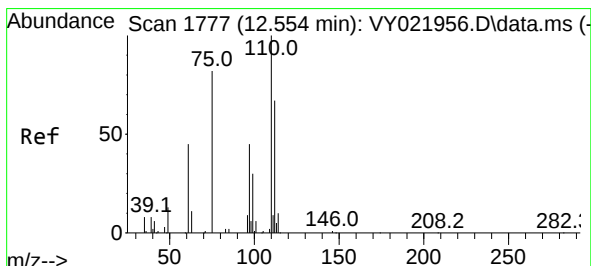
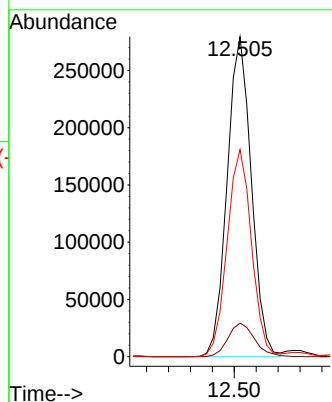
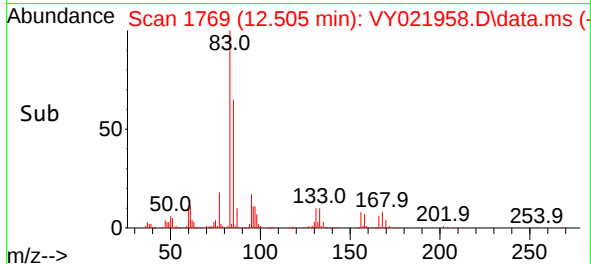
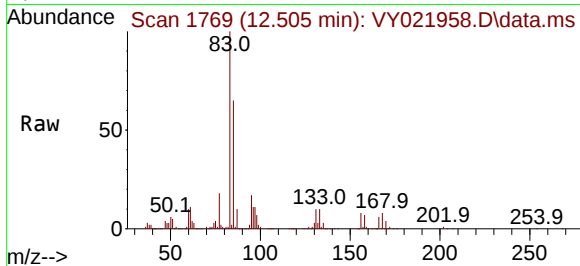




#75
1,1,2,2-Tetrachloroethane
Concen: 148.581 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

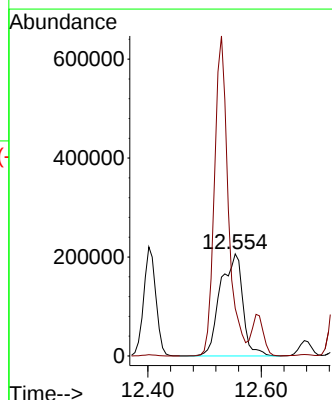
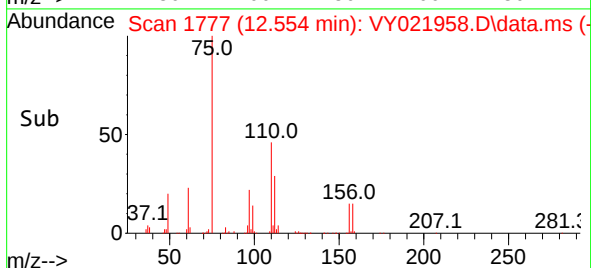
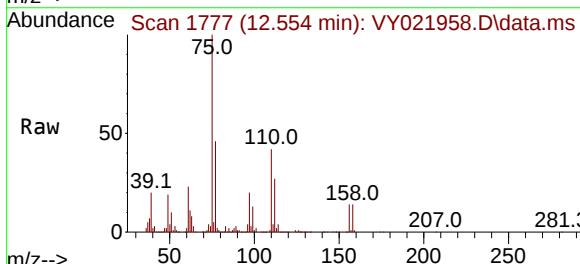
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

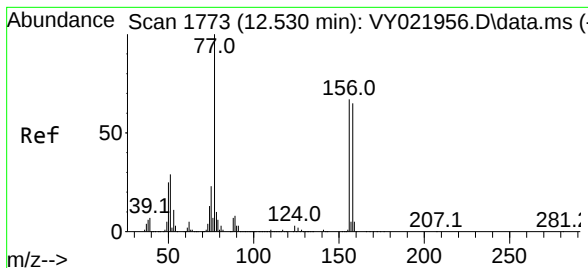
Tgt Ion: 83 Resp: 428838
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.4
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 251.190 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 567132
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 156.545 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

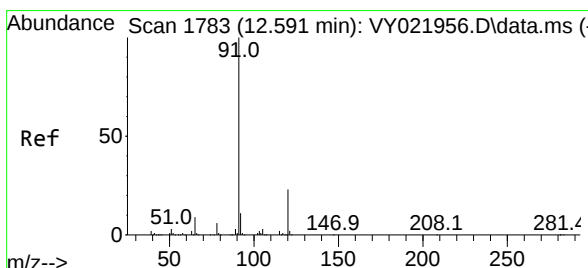
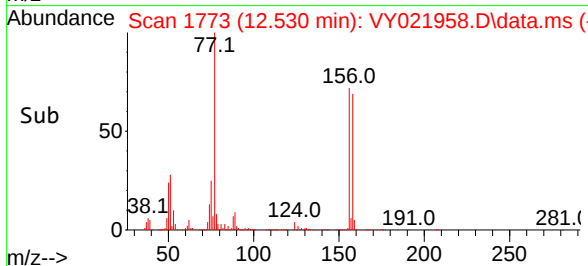
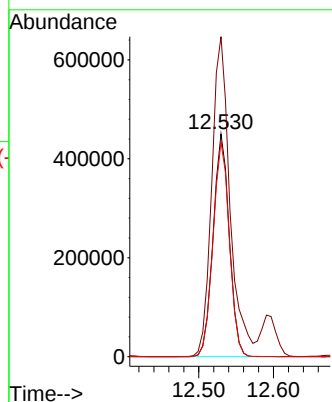
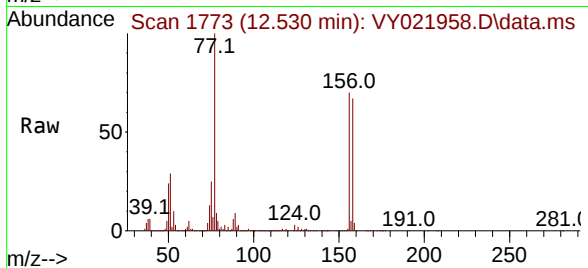
Tgt Ion:156 Resp: 677176

Ion Ratio Lower Upper

156 100

77 161.9 82.7 248.1

158 97.2 48.1 144.4



#78

n-propylbenzene

Concen: 156.567 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY021958.D

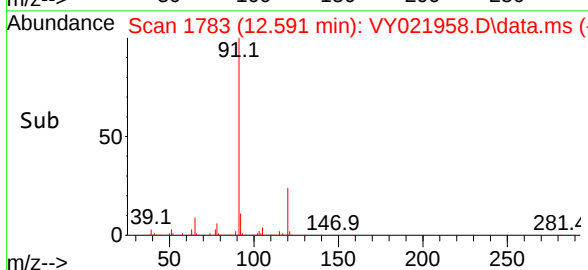
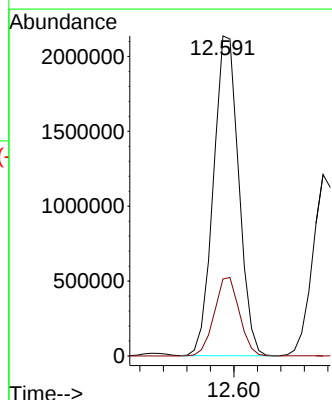
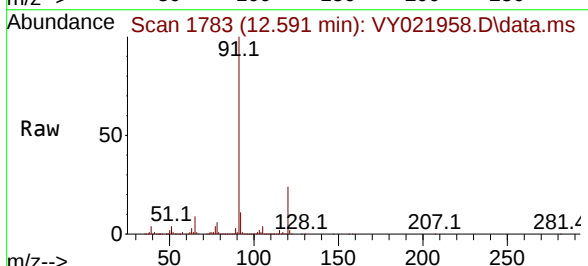
Acq: 22 Apr 2025 16:15

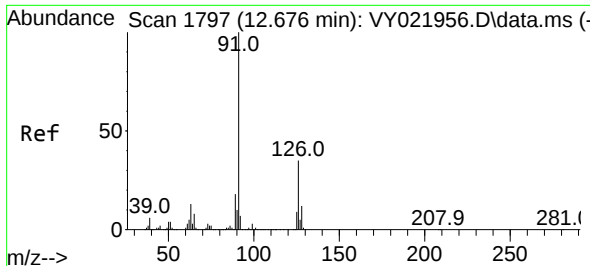
Tgt Ion: 91 Resp: 3191904

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5

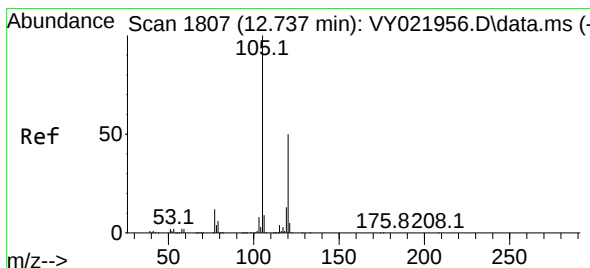
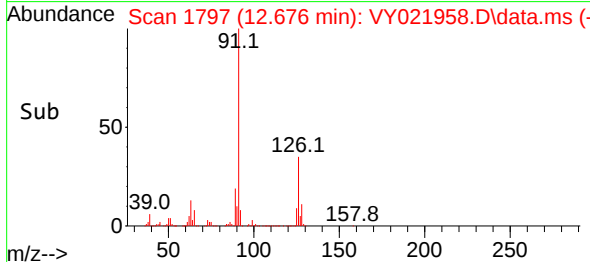
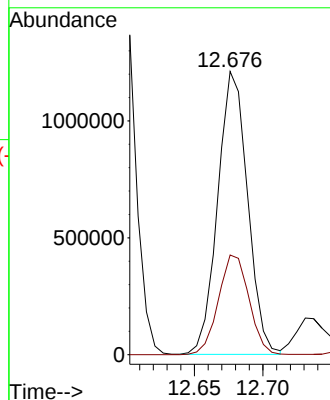
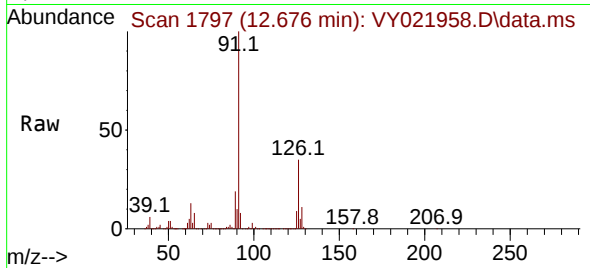




#79
2-Chlorotoluene
Concen: 155.043 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

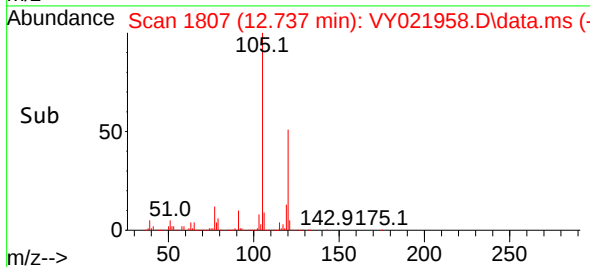
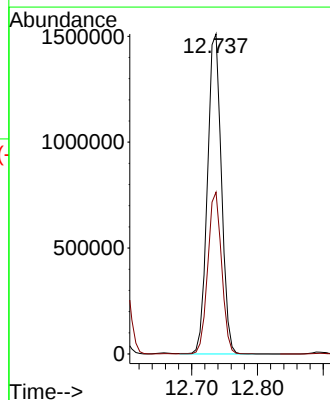
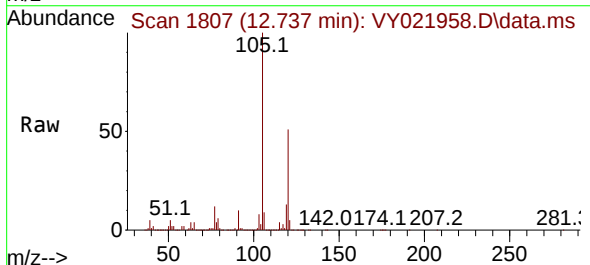
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

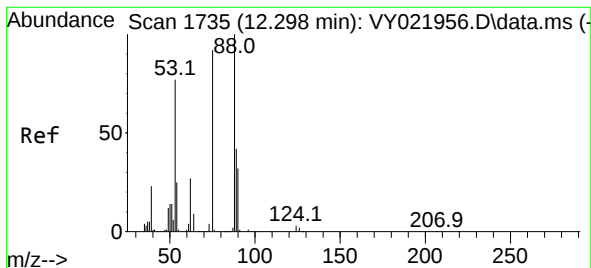
Tgt Ion: 91 Resp: 1838218
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 157.948 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 105 Resp: 2227887
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0

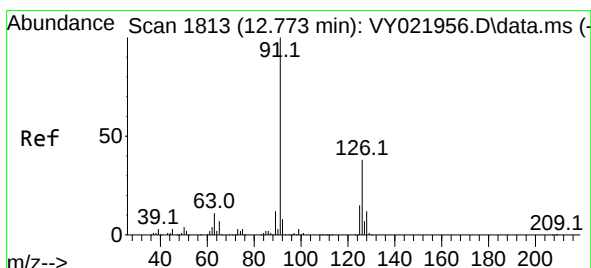
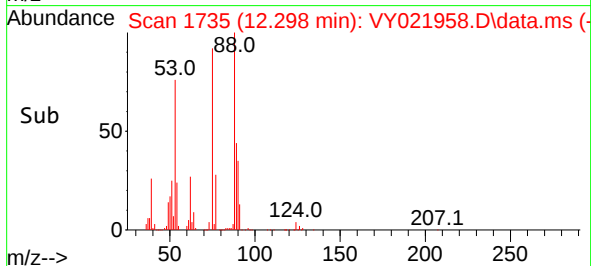
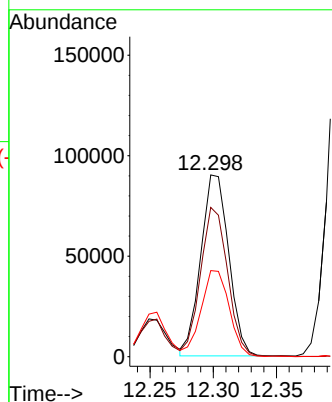
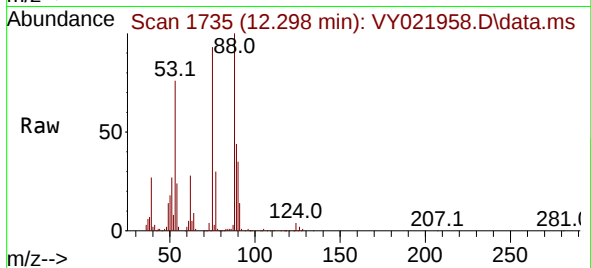




#81
trans-1,4-Dichloro-2-butene
Concen: 152.337 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

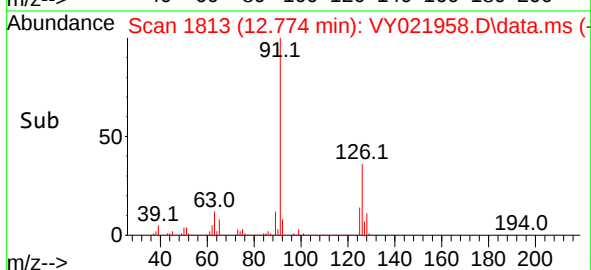
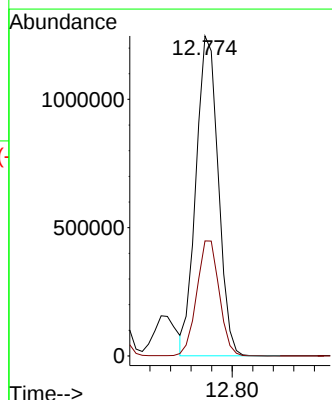
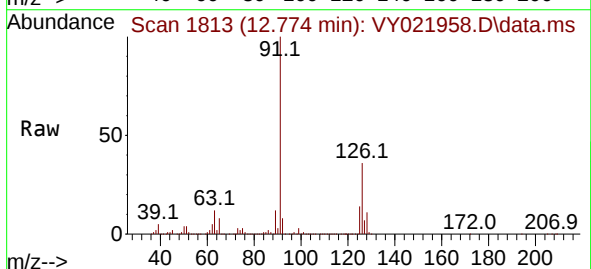
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

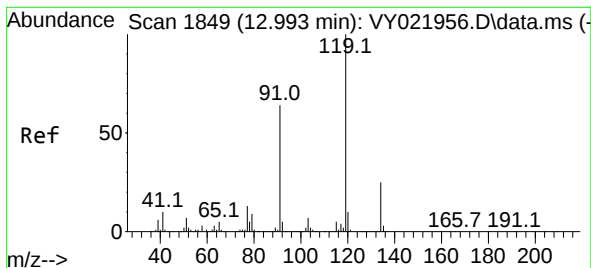
Tgt Ion: 75 Resp: 138838
Ion Ratio Lower Upper
75 100
53 80.5 66.0 99.0
89 48.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 152.484 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 1879346
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 164.108 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

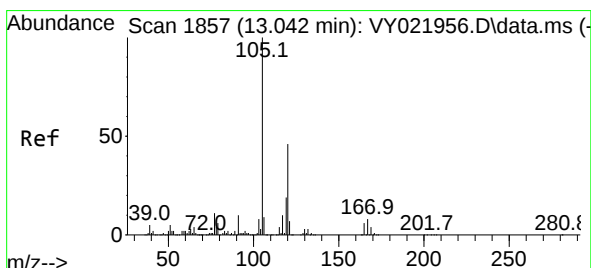
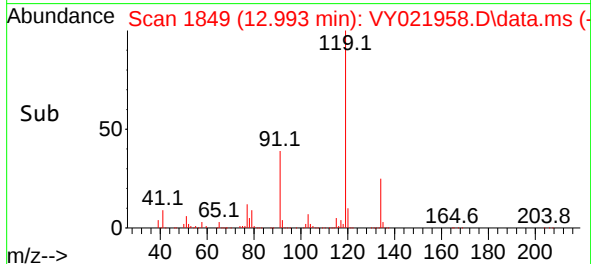
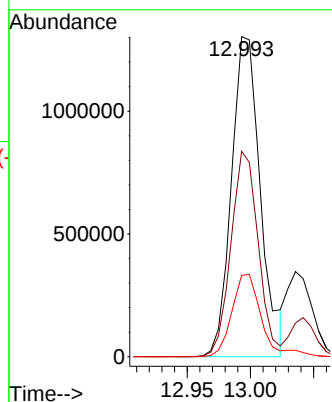
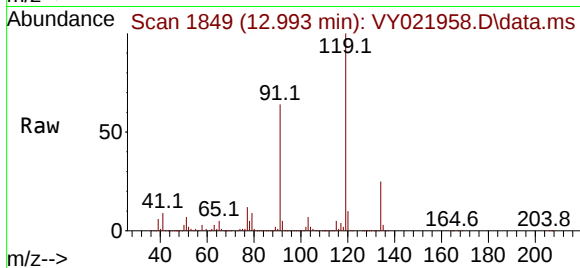
Tgt Ion:119 Resp: 2076003

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: 160.437 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021958.D

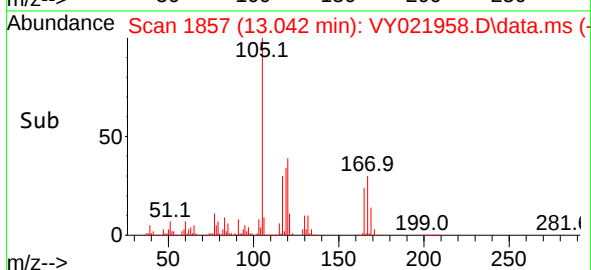
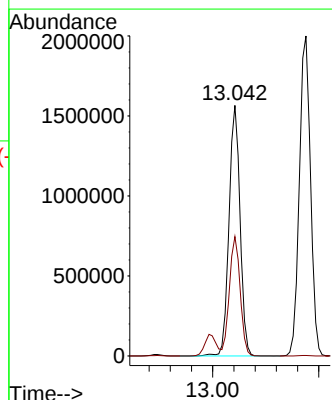
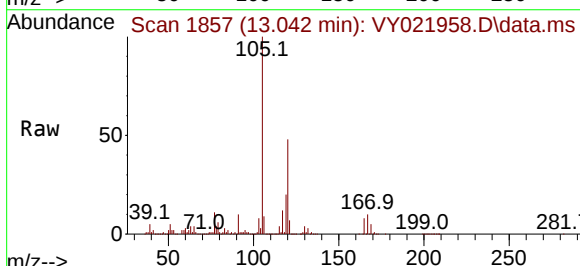
Acq: 22 Apr 2025 16:15

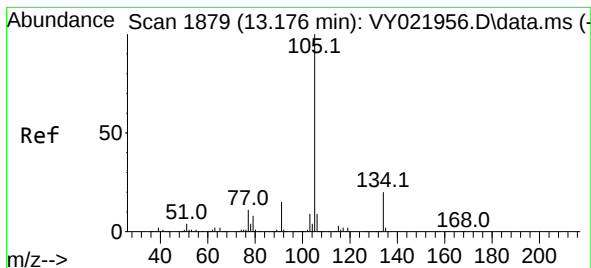
Tgt Ion:105 Resp: 2263509

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 157.224 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

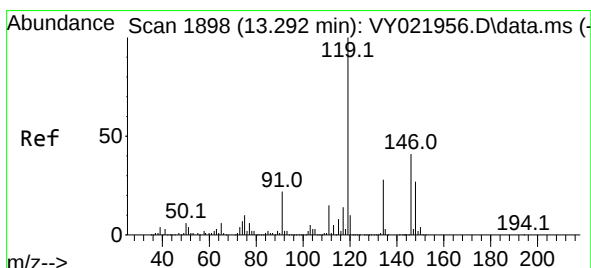
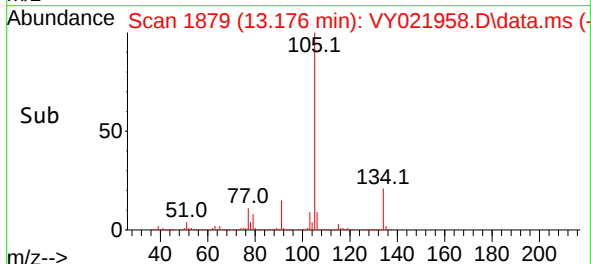
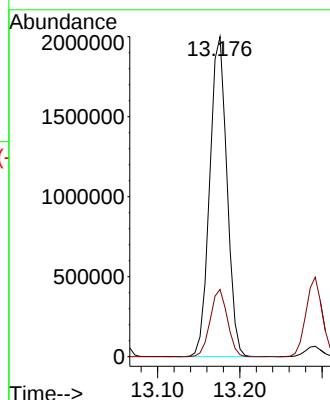
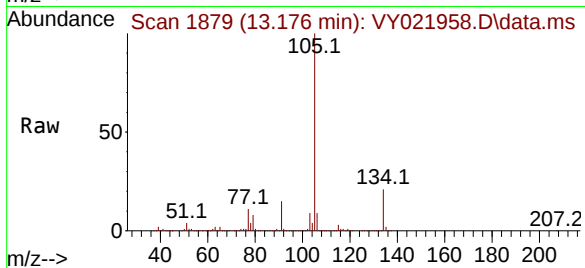
VSTDIC150

Tgt Ion:105 Resp: 2910397

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 162.413 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

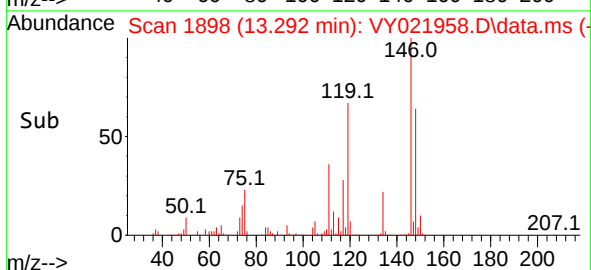
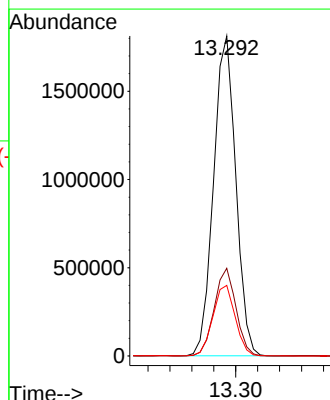
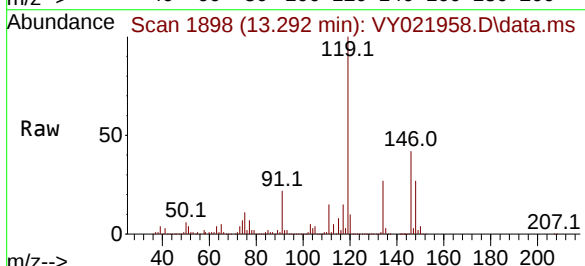
Tgt Ion:119 Resp: 2552924

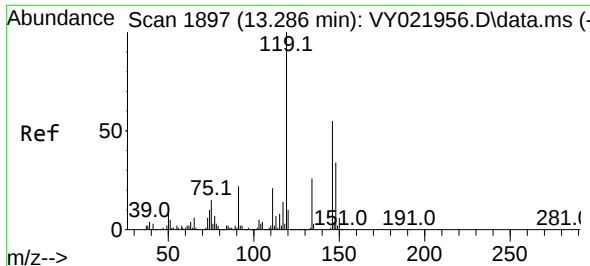
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.2 11.0 33.0

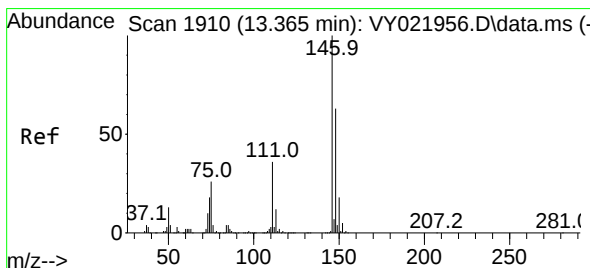
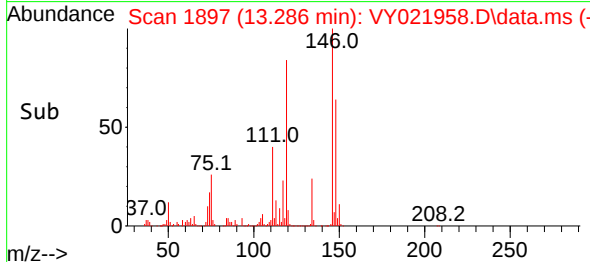
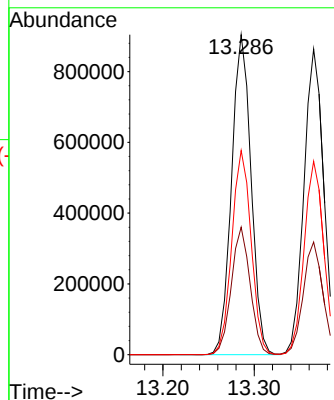
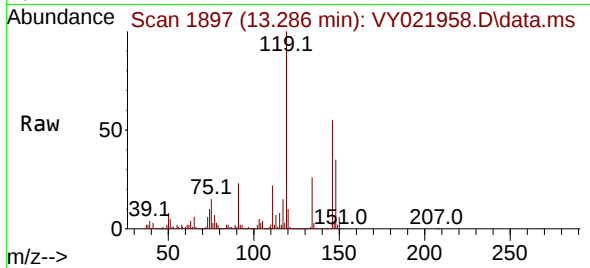




#87
 1,3-Dichlorobenzene
 Concen: 152.409 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

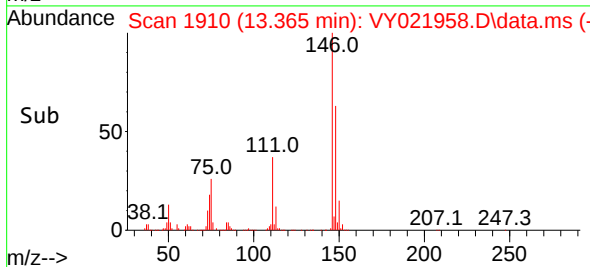
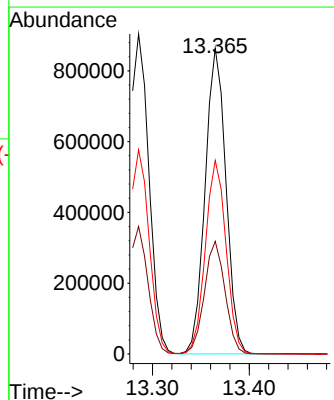
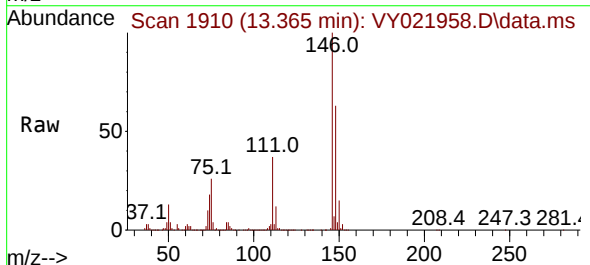
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

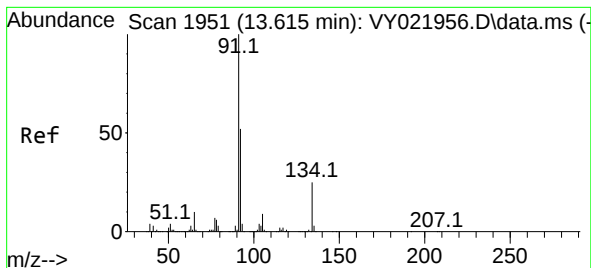
Tgt Ion:146 Resp: 1339029
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 148.621 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021958.D
 Acq: 22 Apr 2025 16:15

Tgt Ion:146 Resp: 1293200
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.2 57.6
 148 63.2 32.0 96.0





#89

n-Butylbenzene

Concen: 159.720 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

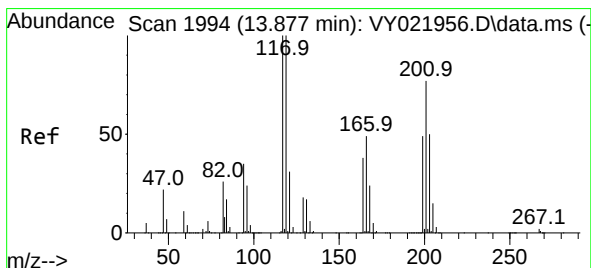
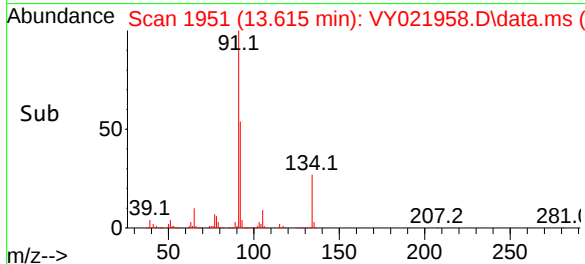
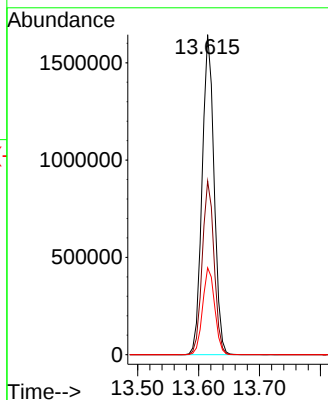
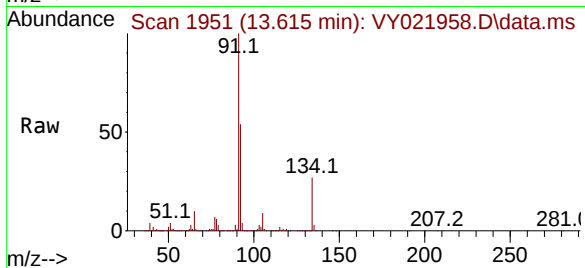
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2244063

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.5	79.5
134	27.5	13.4	40.1



#90

Hexachloroethane

Concen: 150.683 ug/l

RT: 13.877 min Scan# 1994

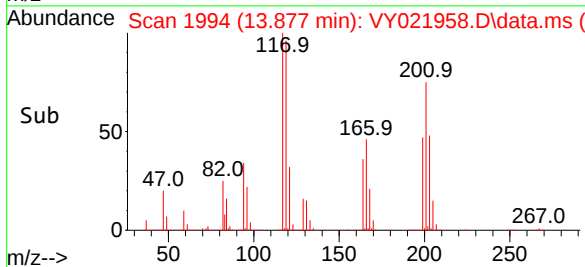
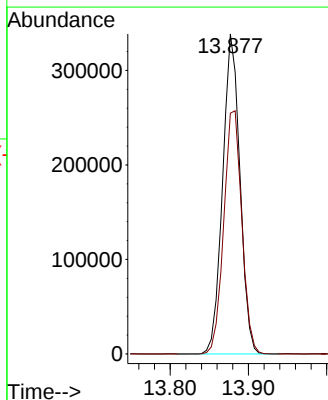
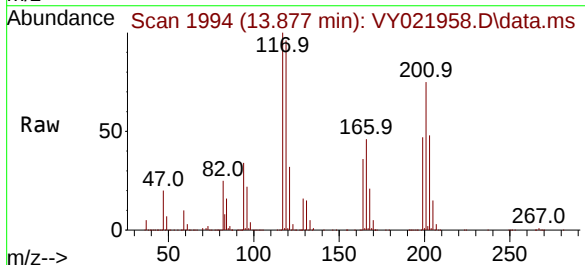
Delta R.T. 0.000 min

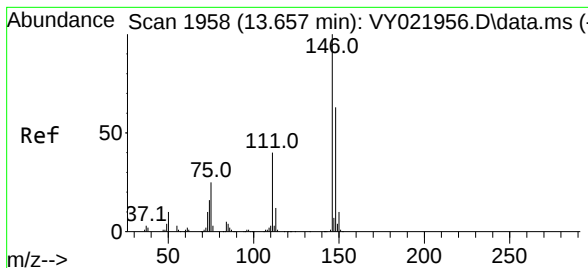
Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion: 117 Resp: 520392

Ion	Ratio	Lower	Upper
117	100		
201	79.2	38.7	116.1





#91

1,2-Dichlorobenzene

Concen: 150.940 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

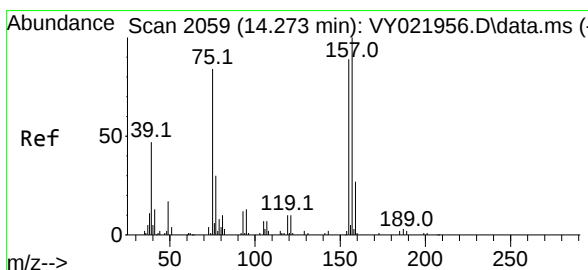
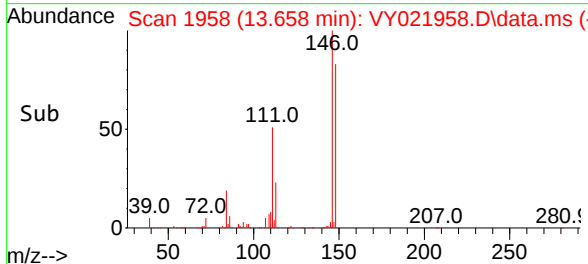
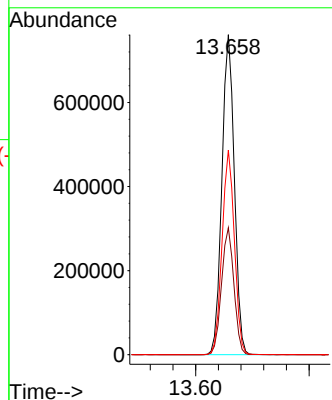
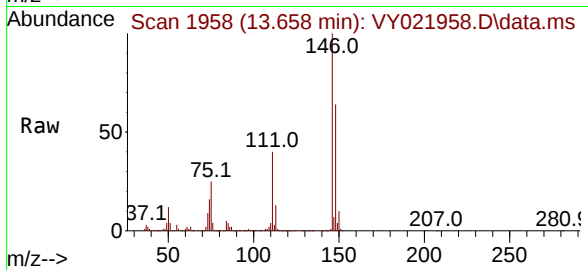
Tgt Ion:146 Resp: 1156637

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

148 63.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 145.323 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

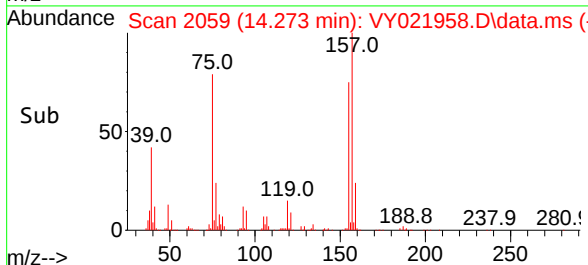
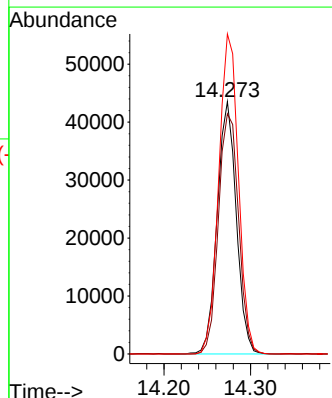
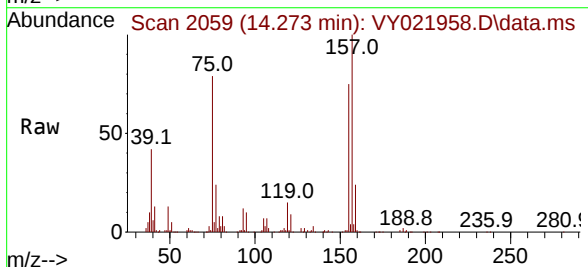
Tgt Ion: 75 Resp: 66731

Ion Ratio Lower Upper

75 100

155 100.4 50.7 152.3

157 130.3 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 169.770 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

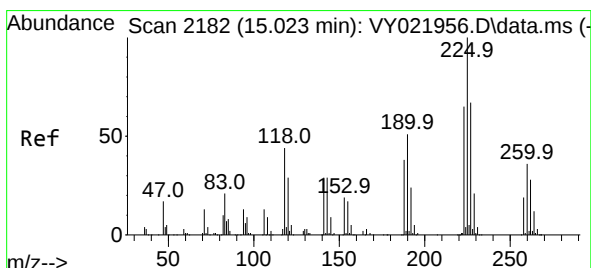
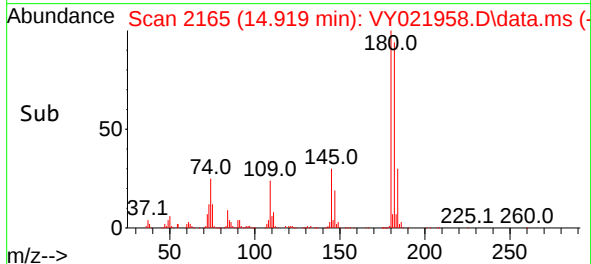
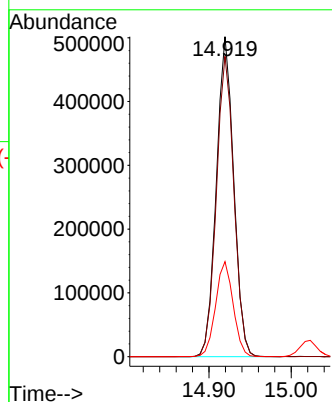
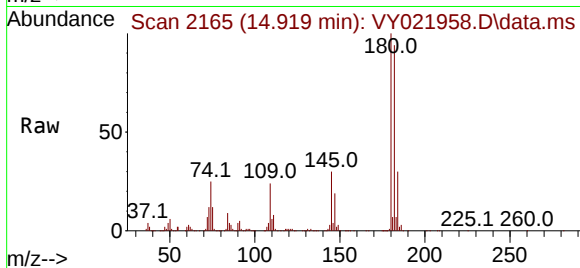
Tgt Ion:180 Resp: 737198

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 156.384 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

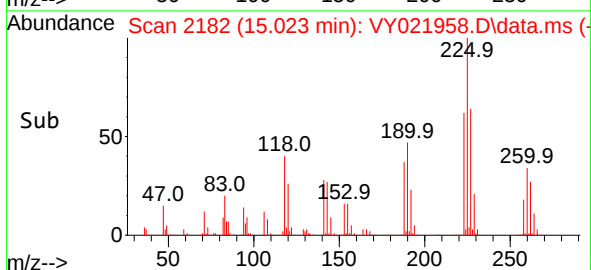
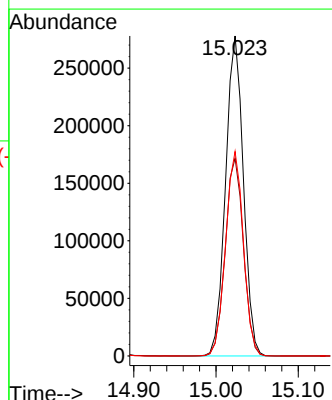
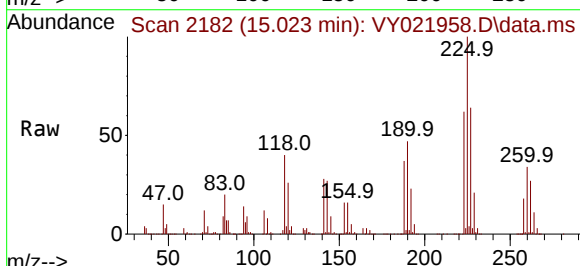
Tgt Ion:225 Resp: 417808

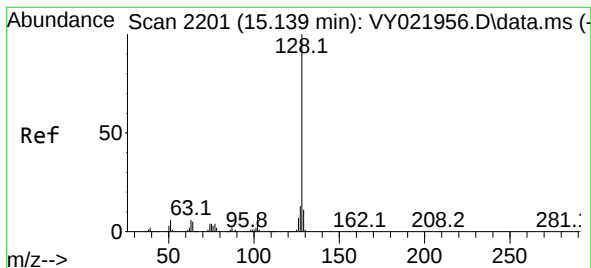
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 185.231 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

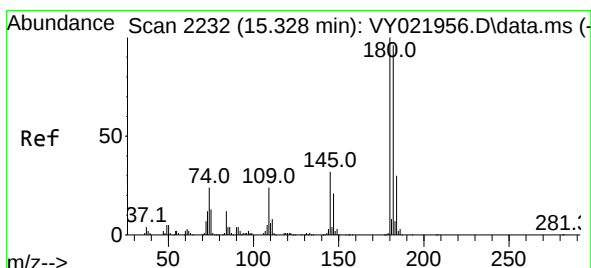
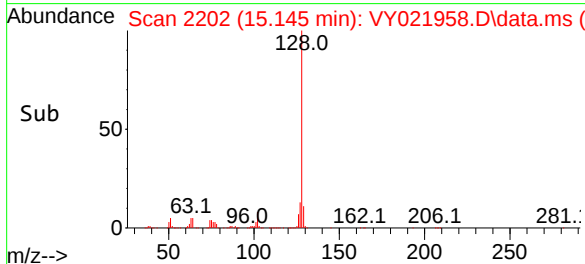
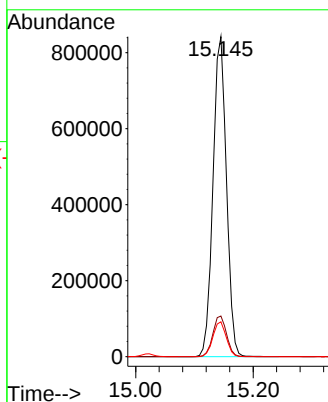
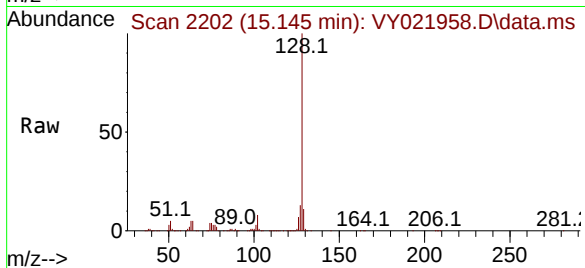
Tgt Ion:128 Resp: 1336140

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 169.182 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021958.D

Acq: 22 Apr 2025 16:15

Tgt Ion:180 Resp: 634152

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 31.9 16.0 48.0

