

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021937.D
 Acq On : 21 Apr 2025 10:18
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Quant Time: Apr 22 02:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	181890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	285604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	261318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97707	49.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.634	113	94026	50.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.109	98	359378	50.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.408	95	121385	50.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32089	17.021	ug/l	100
3) Chloromethane	2.068	50	53856	20.316	ug/l	99
4) Vinyl Chloride	2.202	62	57232	19.090	ug/l	97
5) Bromomethane	2.592	94	42573	20.821	ug/l	94
6) Chloroethane	2.732	64	39704	20.239	ug/l	96
7) Trichlorofluoromethane	3.056	101	73716	19.195	ug/l	94
8) Diethyl Ether	3.458	74	20207	19.348	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	40604	20.046	ug/l	100
10) Methyl Iodide	4.001	142	41355	18.611	ug/l	99
11) Tert butyl alcohol	4.872	59	10927	85.365	ug/l	98
12) 1,1-Dichloroethene	3.793	96	36129	18.937	ug/l	94
13) Acrolein	3.659	56	7602	32.525	ug/l	99
14) Allyl chloride	4.378	41	58977	19.388	ug/l	99
15) Acrylonitrile	5.055	53	42096	96.535	ug/l	98
16) Acetone	3.872	43	39386	97.652	ug/l	97
17) Carbon Disulfide	4.104	76	112240	17.861	ug/l	100
18) Methyl Acetate	4.391	43	23033	23.042	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	90661	19.087	ug/l	98
20) Methylene Chloride	4.616	84	43795	19.859	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	41444	19.730	ug/l	95
22) Diisopropyl ether	6.018	45	128846	20.192	ug/l	97
23) Vinyl Acetate	5.964	43	342807	91.832	ug/l	98
24) 1,1-Dichloroethane	5.915	63	79102	20.731	ug/l	97
25) 2-Butanone	6.896	43	54665	94.891	ug/l	99
26) 2,2-Dichloropropane	6.884	77	68463	20.171	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	47806	20.237	ug/l	98
28) Bromochloromethane	7.250	49	32942	20.471	ug/l	95
29) Tetrahydrofuran	7.262	42	34200	92.243	ug/l	100
30) Chloroform	7.421	83	83864	21.132	ug/l	98
31) Cyclohexane	7.701	56	60387	17.362	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	73183	20.403	ug/l	98
36) 1,1-Dichloropropene	7.835	75	55584	19.697	ug/l	99
37) Ethyl Acetate	6.982	43	25920	19.463	ug/l	97
38) Carbon Tetrachloride	7.817	117	66663	20.626	ug/l	98
39) Methylcyclohexane	9.109	83	61273	18.176	ug/l	96
40) Benzene	8.079	78	174410	20.638	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	12249	17.319	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	48396	20.314	ug/l	99
43) Isopropyl Acetate	8.195	43	47771	18.928	ug/l	98
44) Trichloroethene	8.865	130	44932	20.867	ug/l	99
45) 1,2-Dichloropropane	9.140	63	41927	20.960	ug/l	97
46) Dibromomethane	9.231	93	24295	21.074	ug/l	98
47) Bromodichloromethane	9.426	83	62250	20.838	ug/l	96
48) Methyl methacrylate	9.219	41	21911	18.916	ug/l	99
49) 1,4-Dioxane	9.237	88	4785	387.445	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	126168	96.063	ug/l	99
52) Toluene	10.170	92	110928	21.039	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	51924	19.569	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	62926	20.103	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	30969	20.874	ug/l	97
56) Ethyl methacrylate	10.438	69	35107	18.532	ug/l	98
57) 1,3-Dichloropropane	10.719	76	54184	21.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	94588	102.352	ug/l	100
59) 2-Hexanone	10.761	43	83425	95.376	ug/l	98
60) Dibromochloromethane	10.908	129	43104	21.280	ug/l	99
61) 1,2-Dibromoethane	11.018	107	28530	20.500	ug/l	97
64) Tetrachloroethene	10.646	164	52393	22.014	ug/l	97
65) Chlorobenzene	11.444	112	121622	20.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	43997	20.701	ug/l	98
67) Ethyl Benzene	11.517	91	199354	19.408	ug/l	99
68) m/p-Xylenes	11.627	106	158426	40.277	ug/l	98
69) o-Xylene	11.956	106	71248	19.623	ug/l	100
70) Styrene	11.969	104	121466	20.064	ug/l	98
71) Bromoform	12.133	173	24986	20.610	ug/l #	96
73) Isopropylbenzene	12.255	105	188726	18.251	ug/l	99
74) N-amyl acetate	12.072	43	40174	16.554	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	33556	18.049	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	46013	33.342	ug/l #	100
77) Bromobenzene	12.536	156	47710	19.217	ug/l	99
78) n-propylbenzene	12.597	91	234746	18.883	ug/l	100
79) 2-Chlorotoluene	12.682	91	137447	19.035	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	159505	18.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10350	17.281	ug/l	94
82) 4-Chlorotoluene	12.779	91	145134	19.280	ug/l	99
83) tert-Butylbenzene	12.999	119	138100	18.346	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	159792	19.130	ug/l	99
85) sec-Butylbenzene	13.176	105	209471	19.042	ug/l	100
86) p-Isopropyltoluene	13.292	119	173788	19.114	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	96878	19.806	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	96108	19.887	ug/l	99
89) n-Butylbenzene	13.621	91	155886	18.539	ug/l	99
90) Hexachloroethane	13.877	117	38765	19.456	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	82836	19.454	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5395	18.723	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	44941	19.462	ug/l	99
94) Hexachlorobutadiene	15.023	225	30399	21.079	ug/l	97
95) Naphthalene	15.145	128	68557	17.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	40069	20.349	ug/l	97

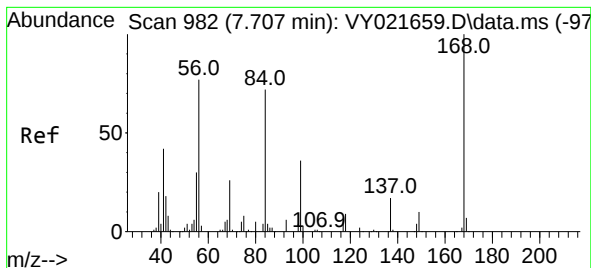
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

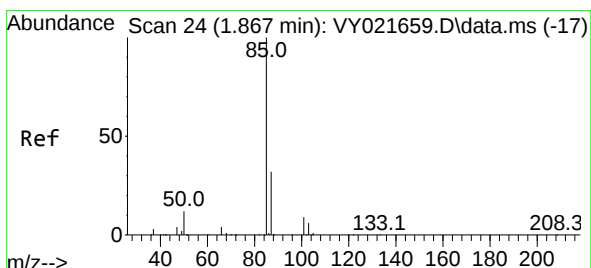
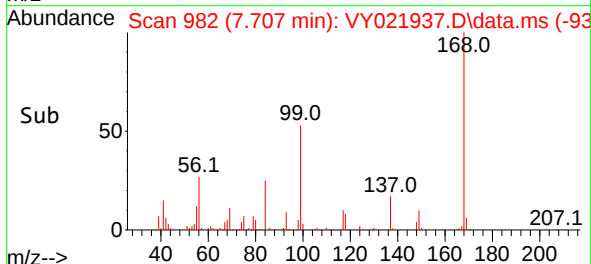
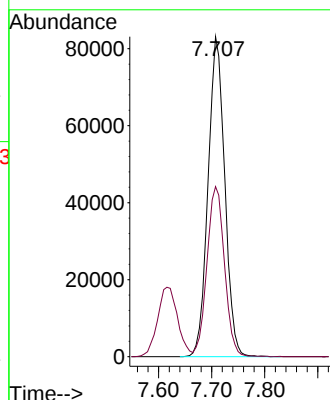
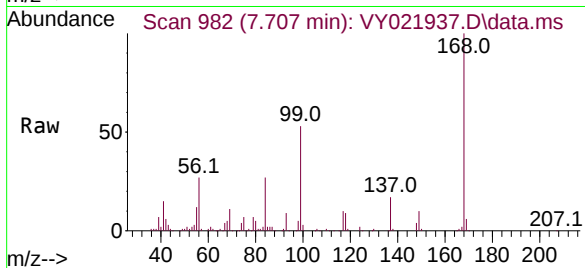
VY0421SBS01

Tgt Ion:168 Resp: 181890

Ion Ratio Lower Upper

168 100

99 53.0 46.7 70.1



#2

Dichlorodifluoromethane

Concen: 17.021 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021937.D

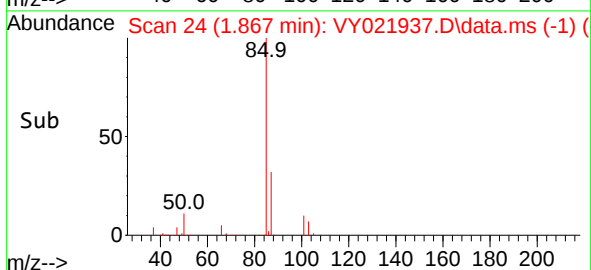
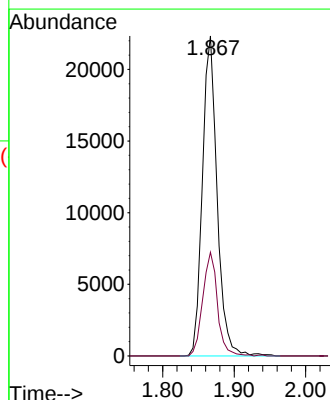
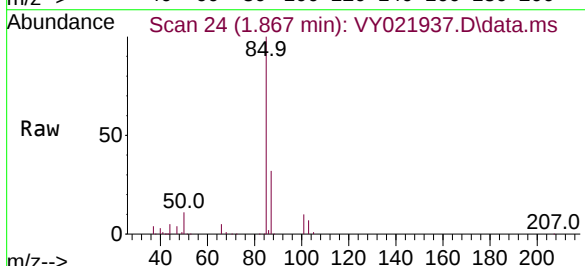
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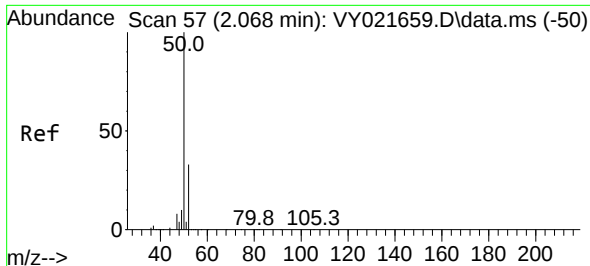
Tgt Ion: 85 Resp: 32089

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6

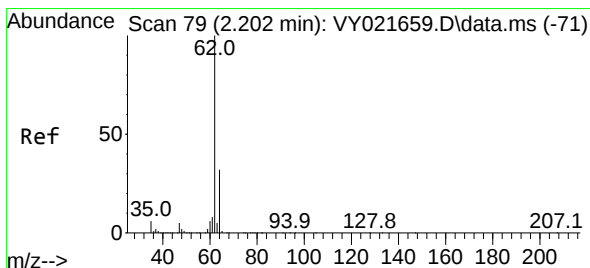
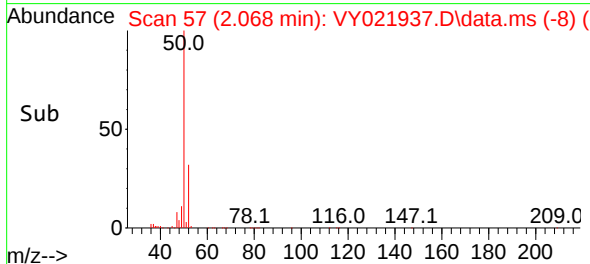
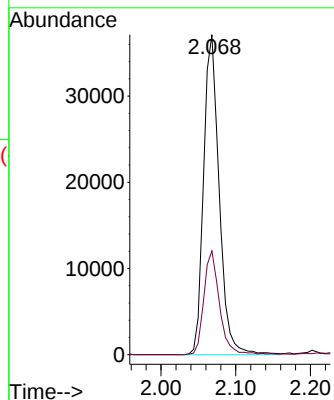
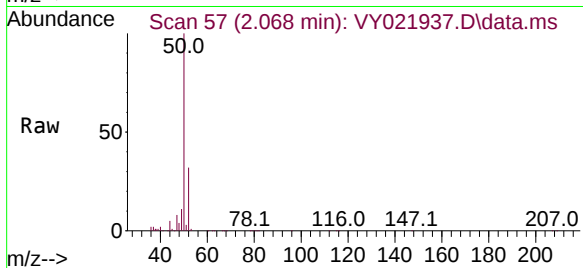




#3
Chloromethane
Concen: 20.316 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

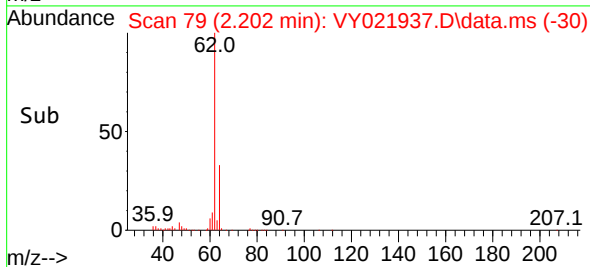
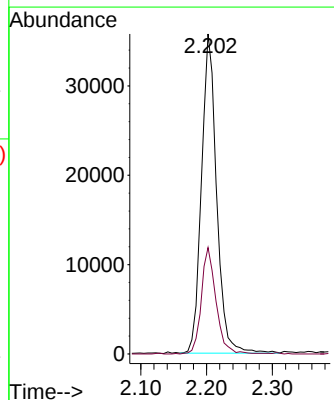
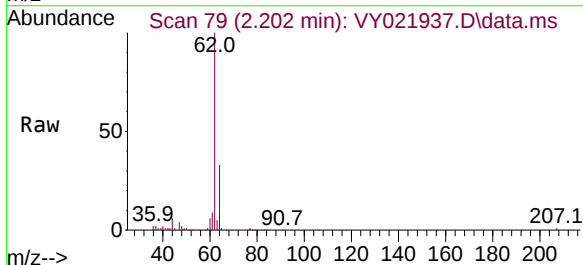
Instrument :
MSVOA_Y
ClientSampleId :
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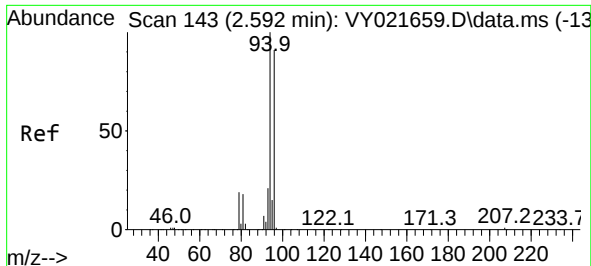
Tgt Ion: 50 Resp: 53856
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 19.090 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 62 Resp: 57232
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

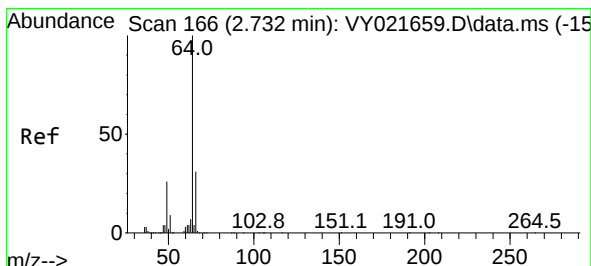
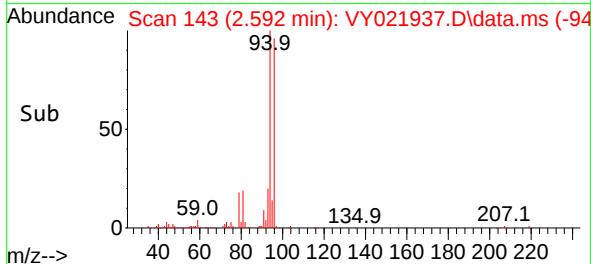
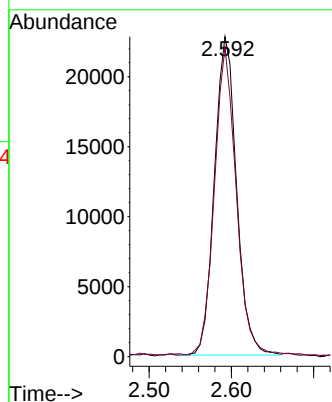
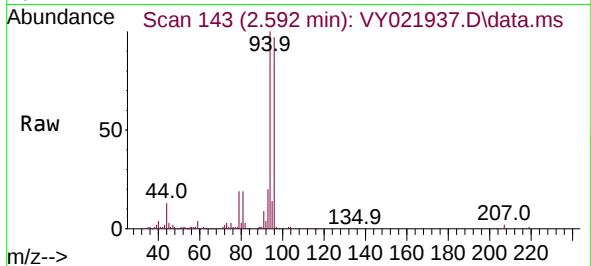




#5
Bromomethane
Concen: 20.821 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

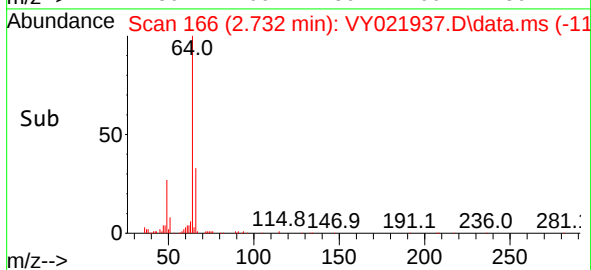
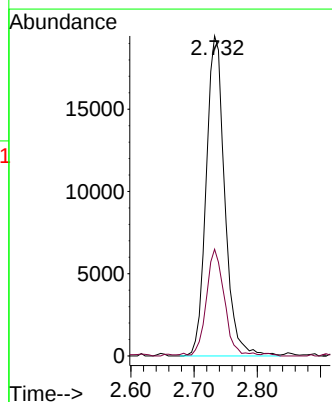
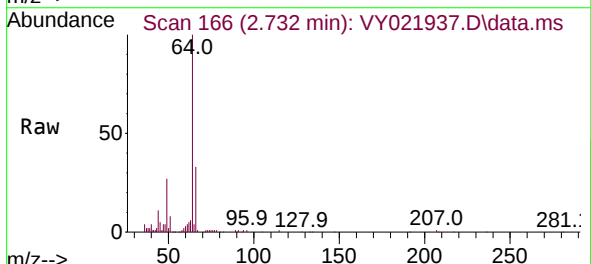
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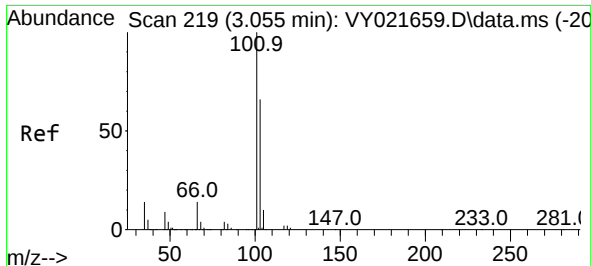
Tgt Ion: 94 Resp: 42573
Ion Ratio Lower Upper
94 100
96 96.3 72.8 109.2



#6
Chloroethane
Concen: 20.239 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 64 Resp: 39704
Ion Ratio Lower Upper
64 100
66 33.4 24.9 37.3

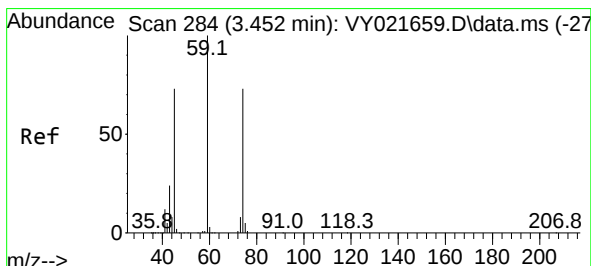
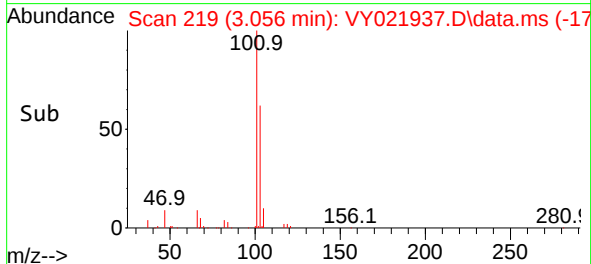
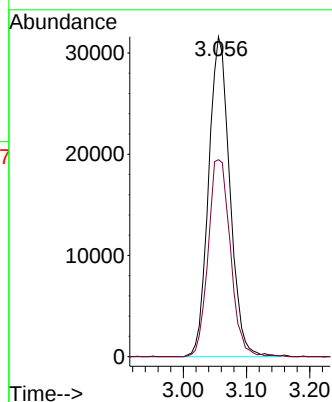
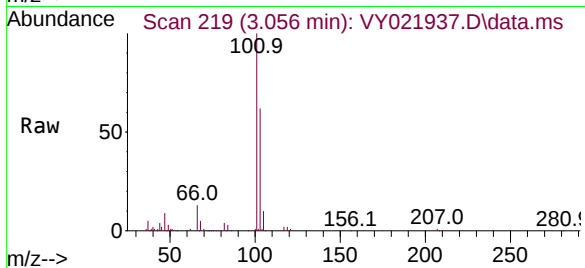




#7
 Trichlorofluoromethane
 Concen: 19.195 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

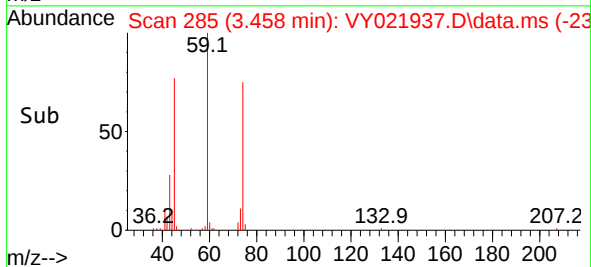
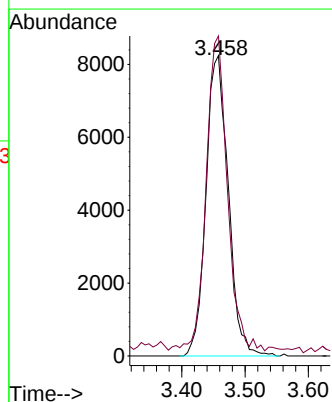
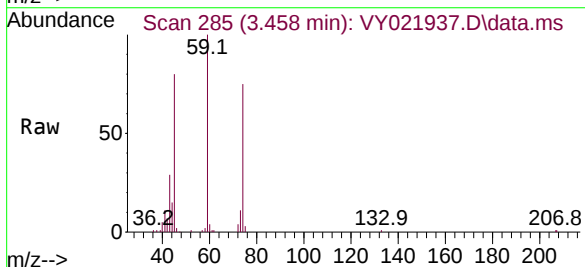
Instrument :
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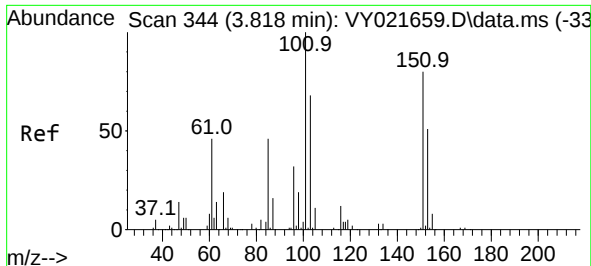
Tgt Ion:101 Resp: 73716
 Ion Ratio Lower Upper
 101 100
 103 61.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.348 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion: 74 Resp: 20207
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.6 145.8

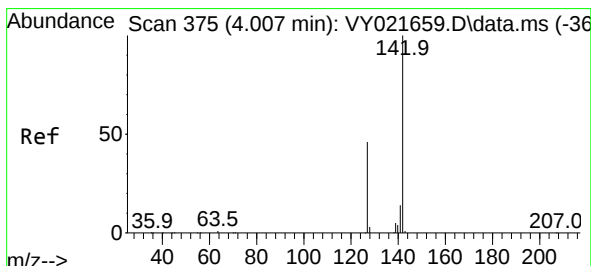
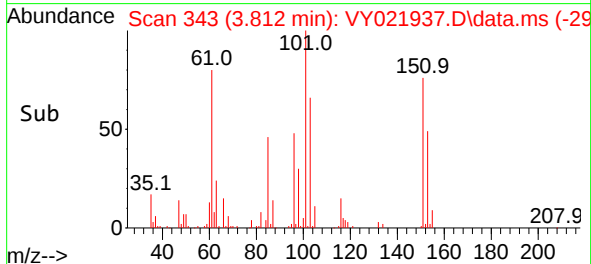
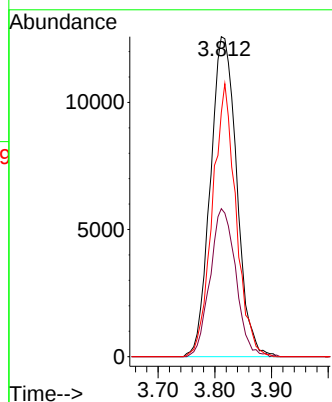
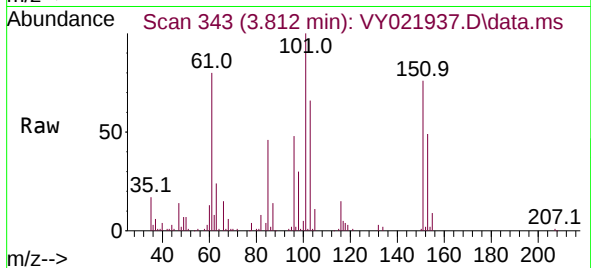




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.046 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021937.D
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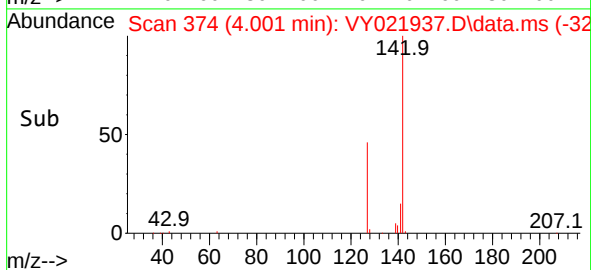
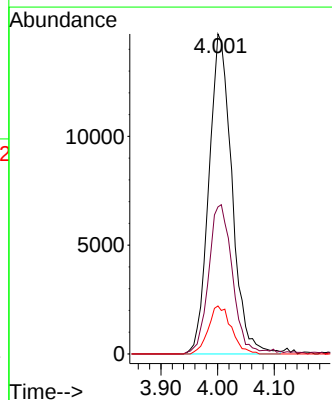
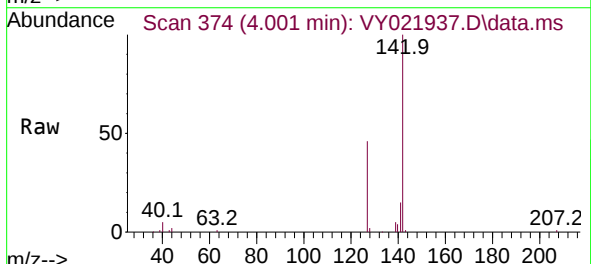
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

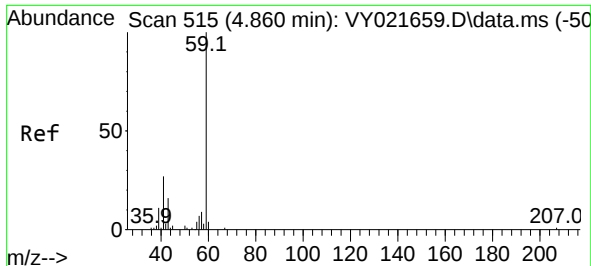
Tgt Ion:101 Resp: 40604
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 76.3 61.3 91.9



#10
Methyl Iodide
Concen: 18.611 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion:142 Resp: 41355
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 15.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 85.365 ug/l

RT: 4.872 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

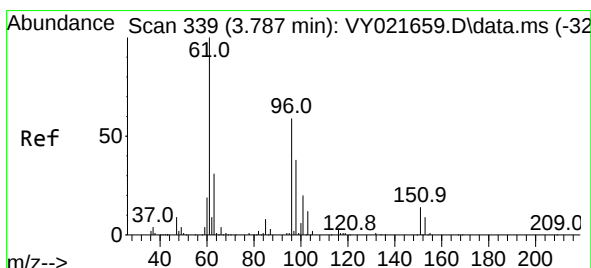
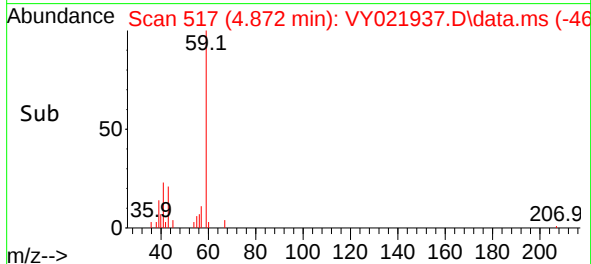
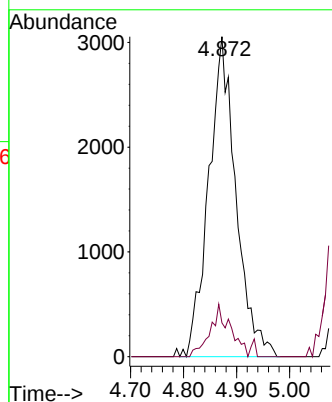
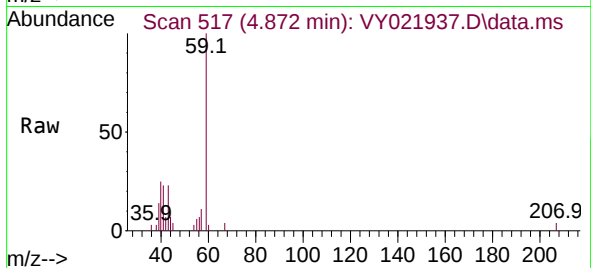
VY0421SBS01

Tgt Ion: 59 Resp: 10927

Ion Ratio Lower Upper

59 100

57 12.1 9.2 13.8



#12

1,1-Dichloroethene

Concen: 18.937 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

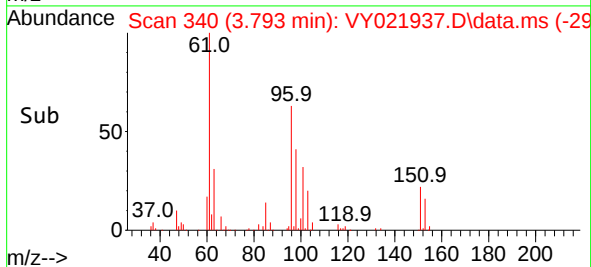
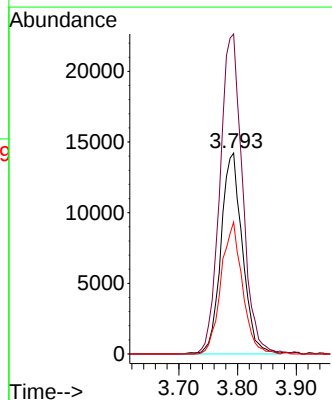
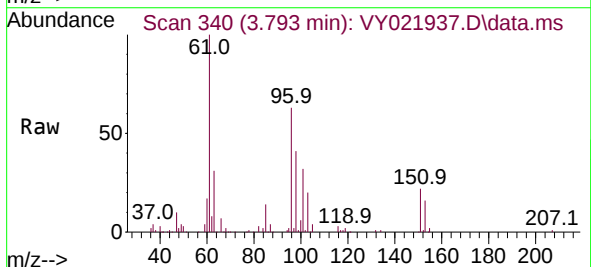
Tgt Ion: 96 Resp: 36129

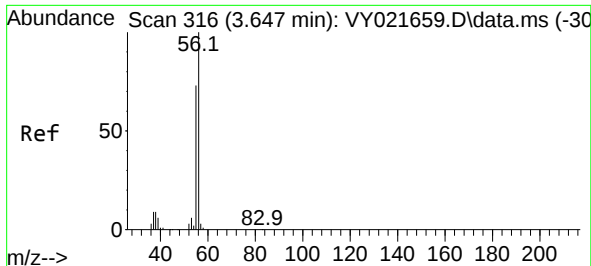
Ion Ratio Lower Upper

96 100

61 159.2 136.6 204.8

98 65.6 52.3 78.5





#13

Acrolein

Concen: 32.525 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

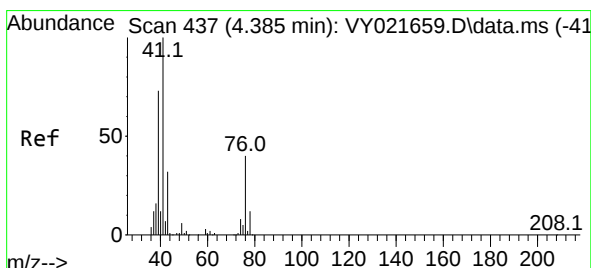
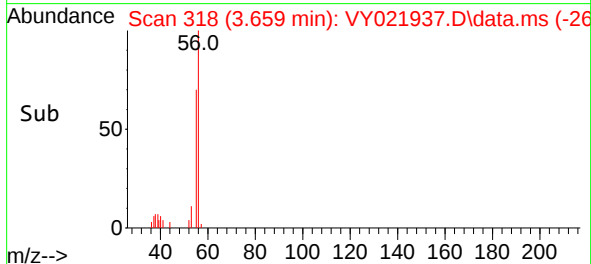
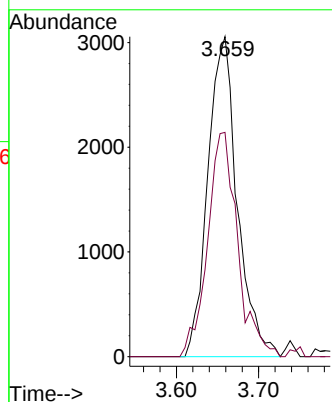
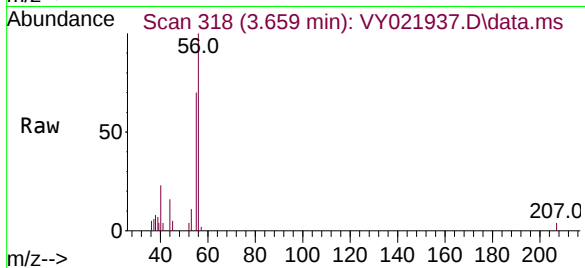
VY0421SBS01

Tgt Ion: 56 Resp: 7602

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 19.388 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

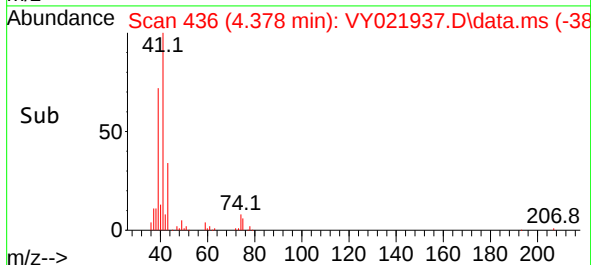
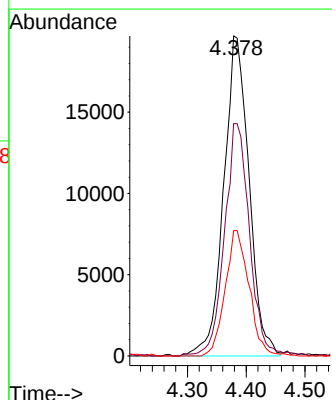
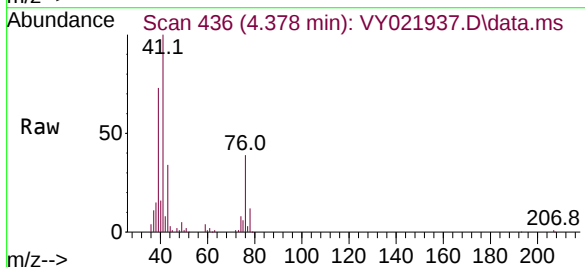
Tgt Ion: 41 Resp: 58977

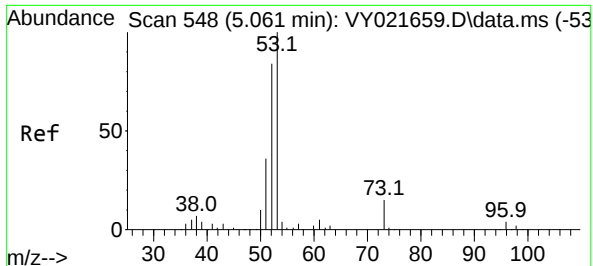
Ion Ratio Lower Upper

41 100

39 72.0 58.6 88.0

76 37.1 30.3 45.5





#15

Acrylonitrile

Concen: 96.535 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

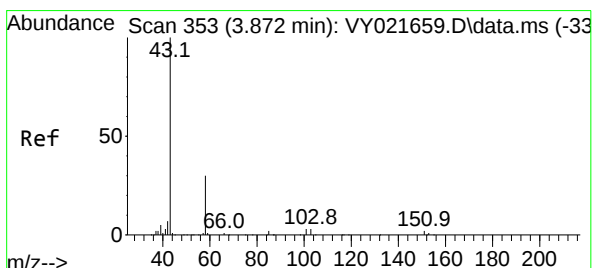
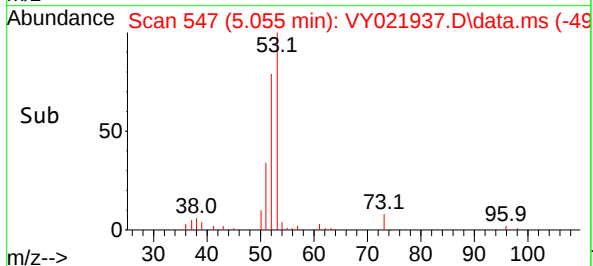
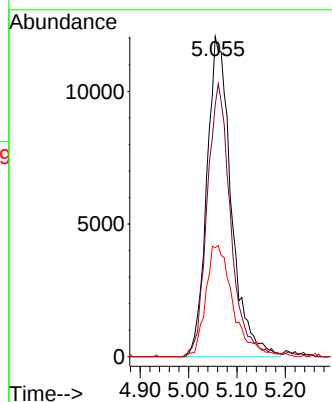
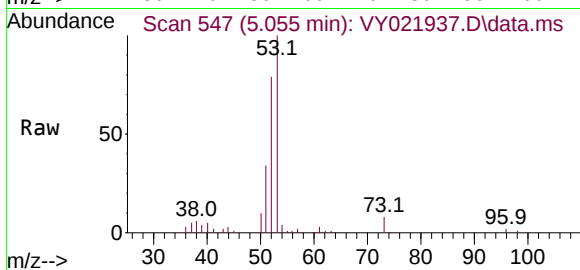
Tgt Ion: 53 Resp: 42096

Ion Ratio Lower Upper

53 100

52 82.7 64.9 97.3

51 39.0 30.2 45.2



#16

Acetone

Concen: 97.652 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021937.D

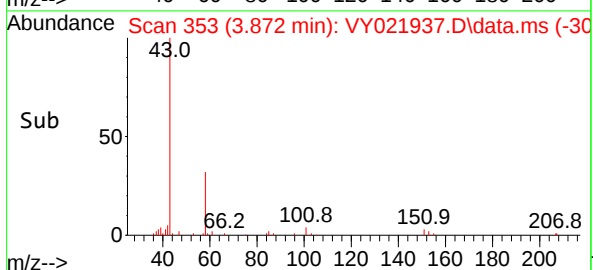
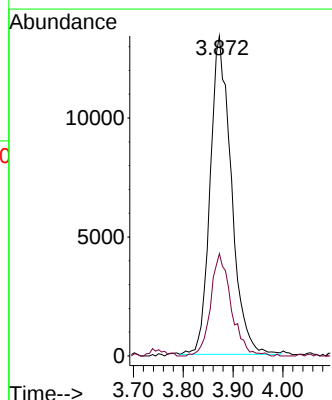
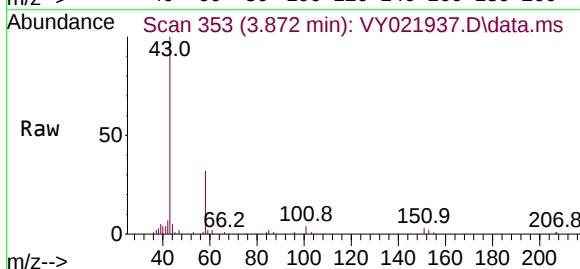
Acq: 21 Apr 2025 10:18

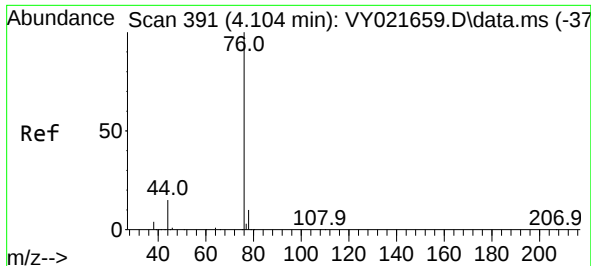
Tgt Ion: 43 Resp: 39386

Ion Ratio Lower Upper

43 100

58 32.1 24.2 36.4

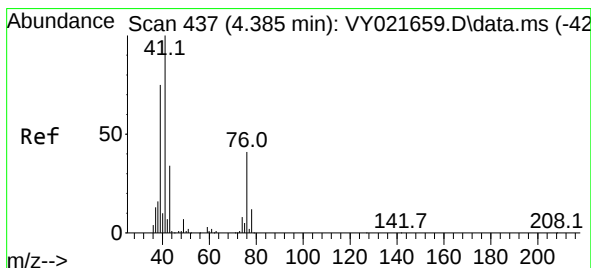
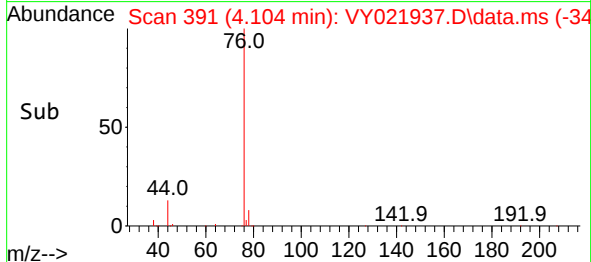
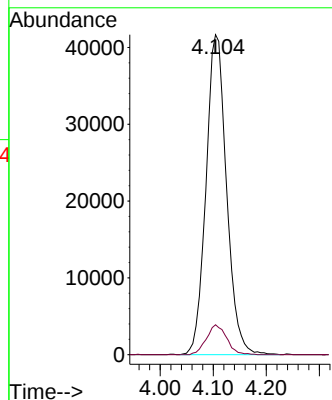
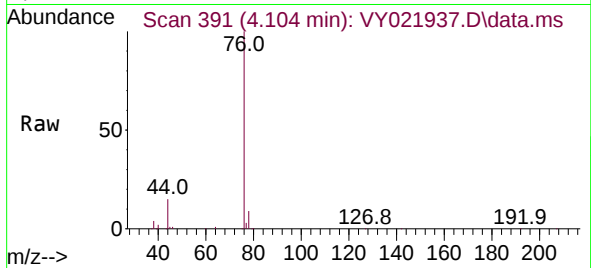




#17
Carbon Disulfide
Concen: 17.861 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

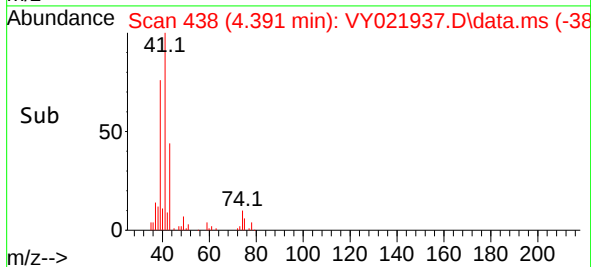
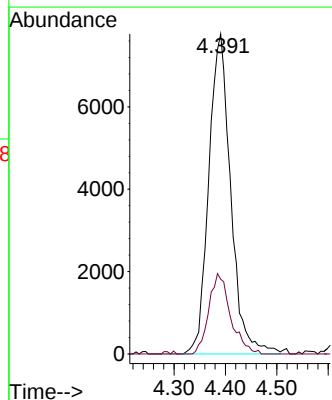
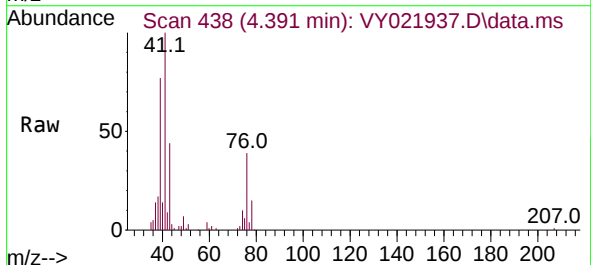
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

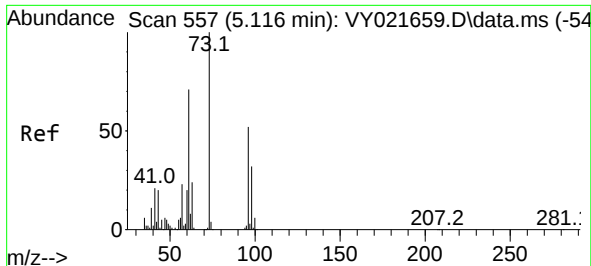
Tgt Ion: 76 Resp: 112240
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 23.042 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 43 Resp: 23033
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.087 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

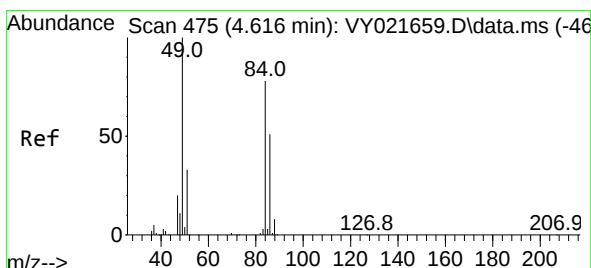
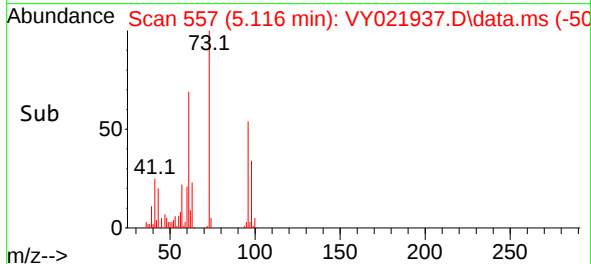
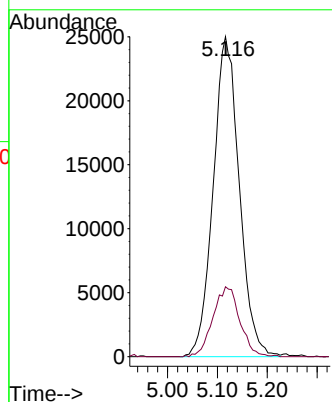
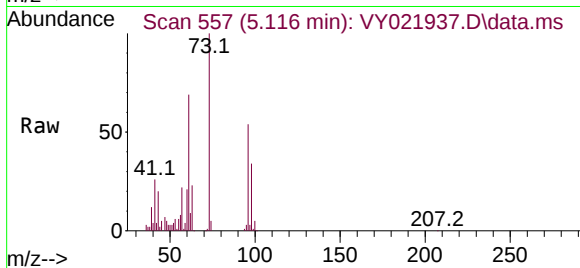
VY0421SBS01

Tgt Ion: 73 Resp: 90661

Ion Ratio Lower Upper

73 100

57 21.9 18.1 27.1



#20

Methylene Chloride

Concen: 19.859 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Tgt Ion: 84 Resp: 43795

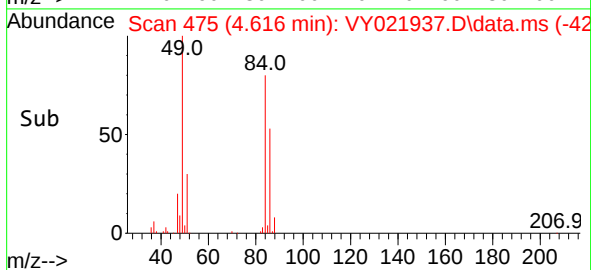
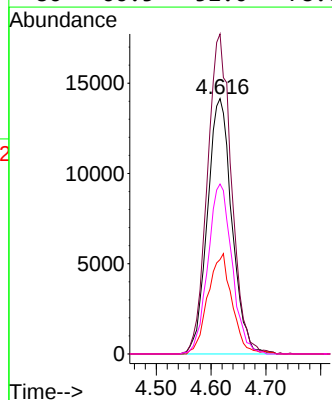
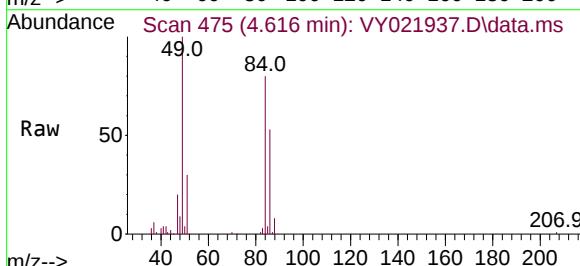
Ion Ratio Lower Upper

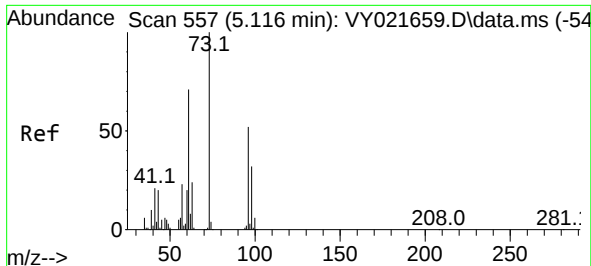
84 100

49 125.3 102.8 154.2

51 37.0 33.5 50.3

86 66.5 52.0 78.0

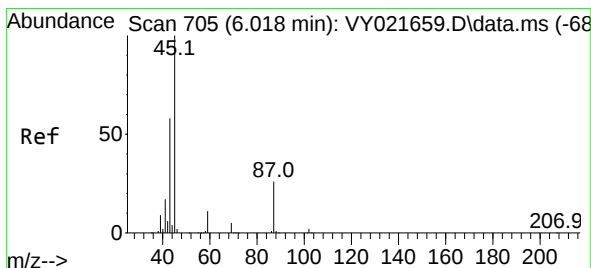
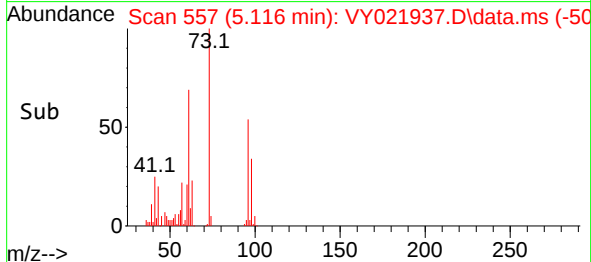
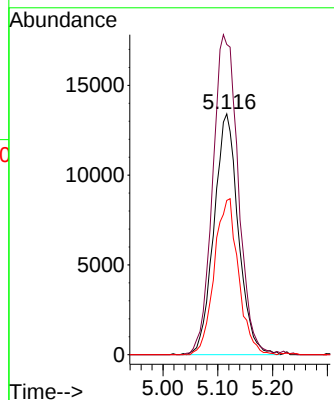
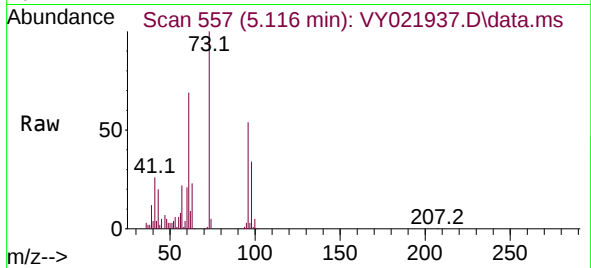




#21
trans-1,2-Dichloroethene
Concen: 19.730 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

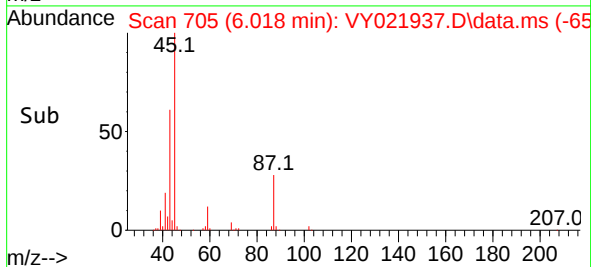
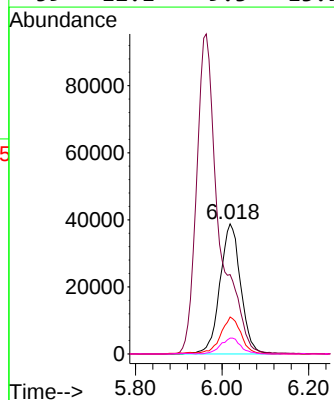
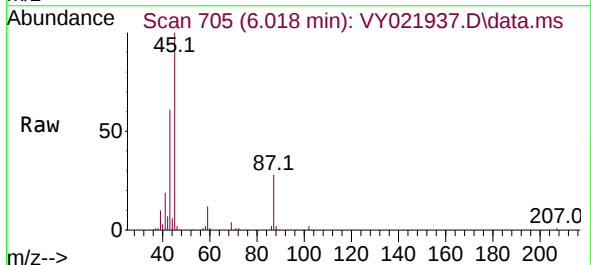
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

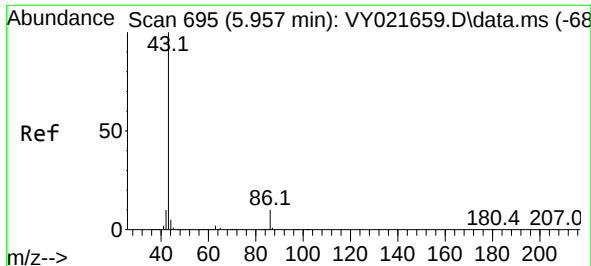
Tgt Ion: 96 Resp: 41444
Ion Ratio Lower Upper
96 100
61 128.8 109.4 164.0
98 64.1 50.2 75.2



#22
Diisopropyl ether
Concen: 20.192 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 45 Resp: 128846
Ion Ratio Lower Upper
45 100
43 60.3 46.6 69.8
87 28.5 20.7 31.1
59 12.1 9.3 13.9

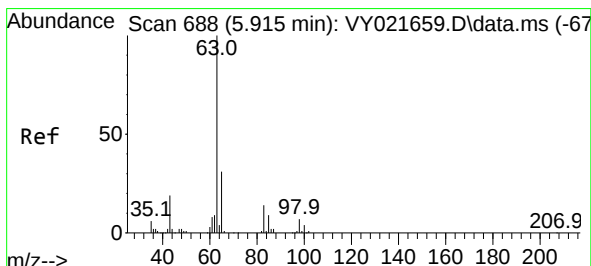
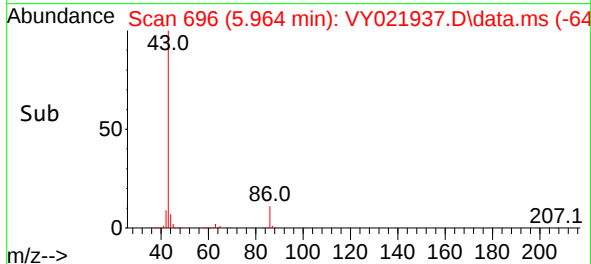
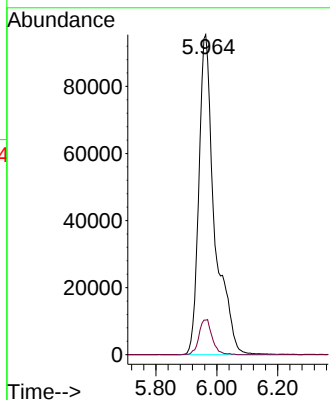
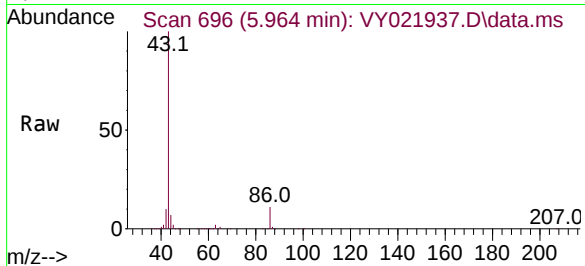




#23
 Vinyl Acetate
 Concen: 91.832 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

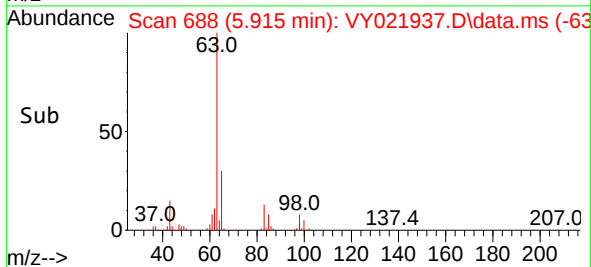
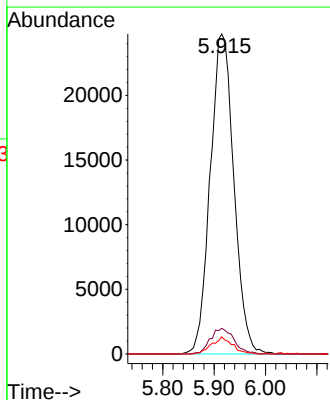
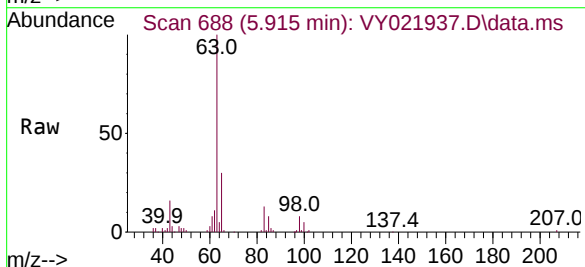
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

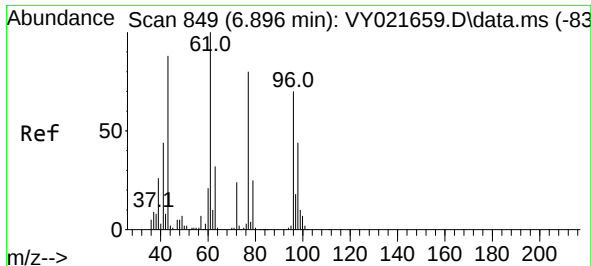
Tgt Ion: 43 Resp: 342807
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.731 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion: 63 Resp: 79102
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 5.3 2.2 6.6

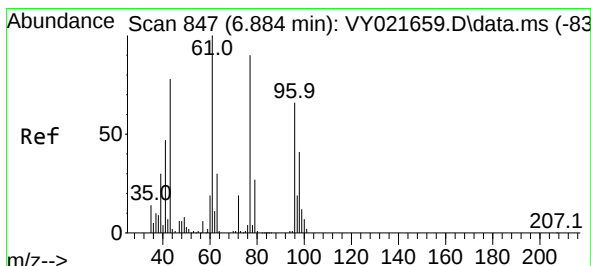
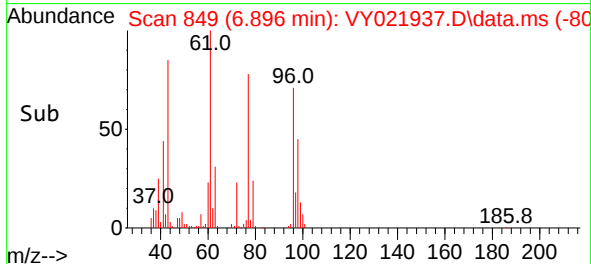
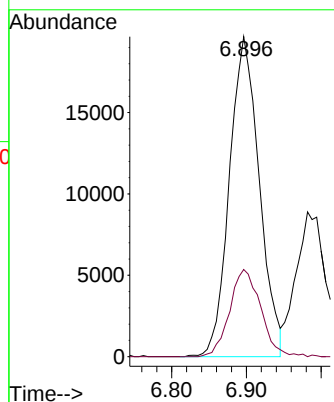
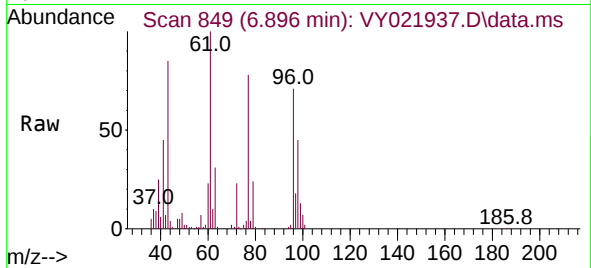




#25
2-Butanone
Concen: 94.891 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

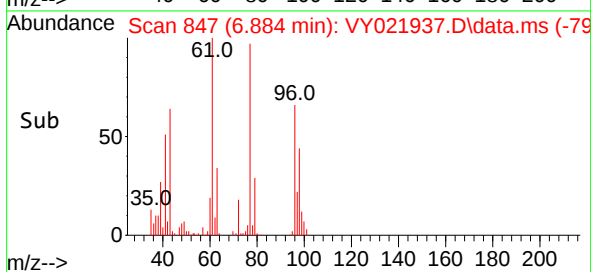
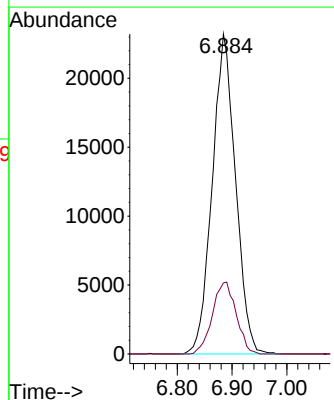
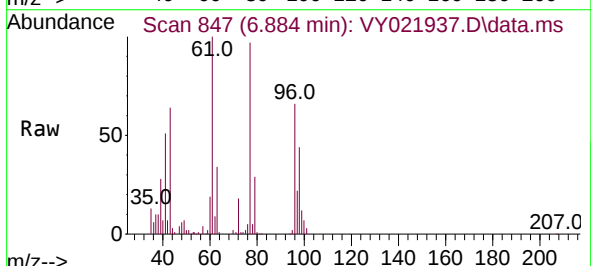
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

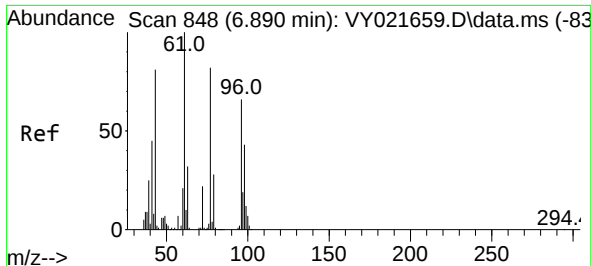
Tgt Ion: 43 Resp: 54665
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.171 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 77 Resp: 68463
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.237 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

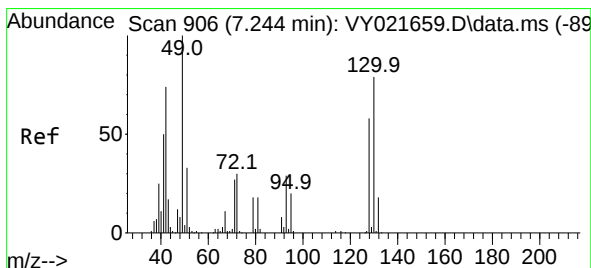
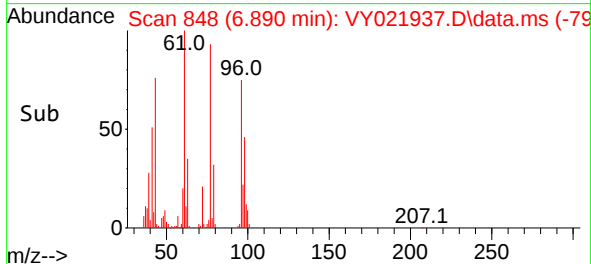
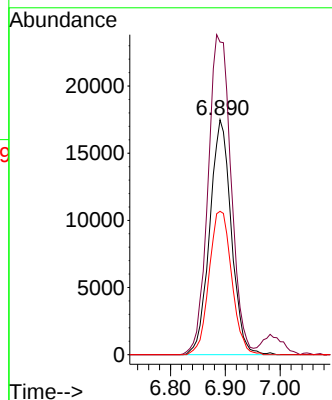
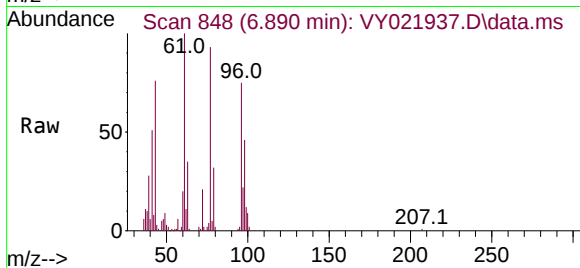
Tgt Ion: 96 Resp: 47806

Ion Ratio Lower Upper

96 100

61 145.1 0.0 296.4

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 20.471 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

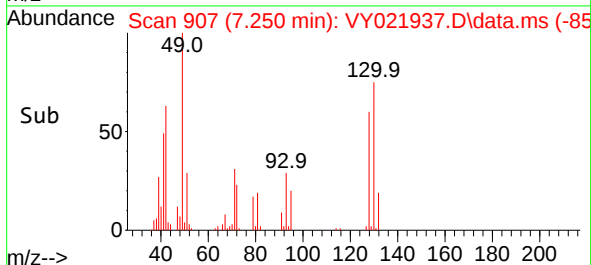
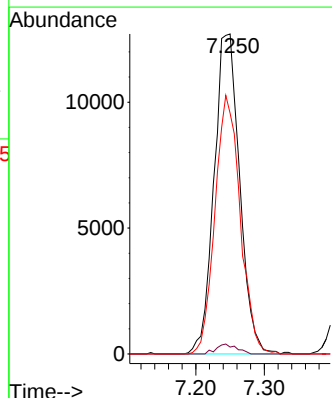
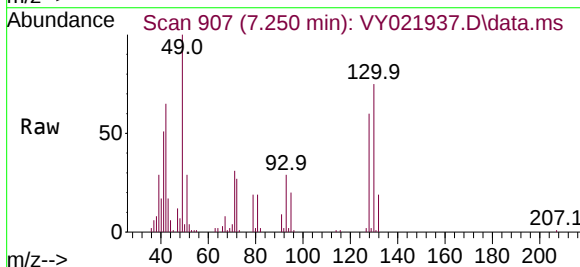
Tgt Ion: 49 Resp: 32942

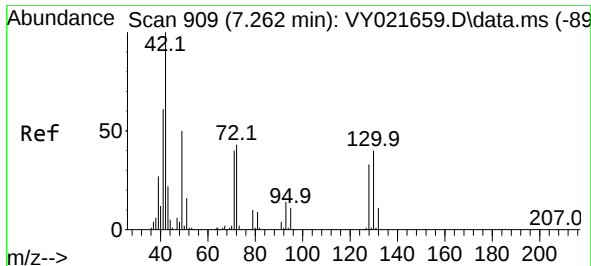
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 79.5 60.1 90.1

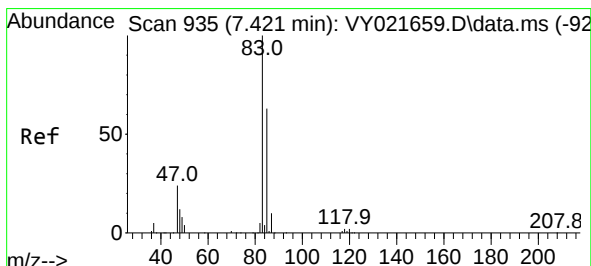
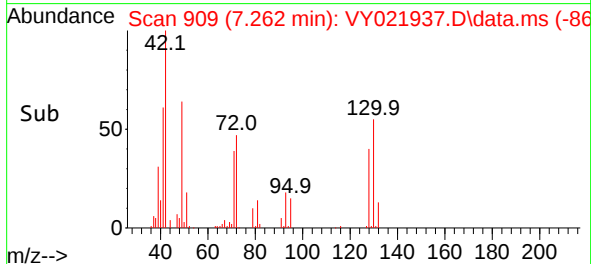
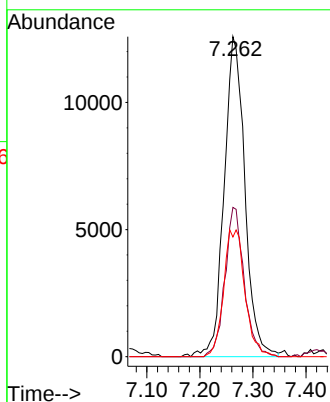
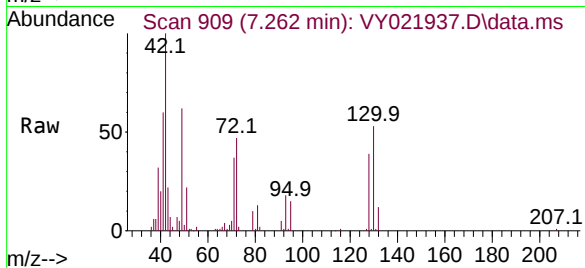




#29
Tetrahydrofuran
Concen: 92.243 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

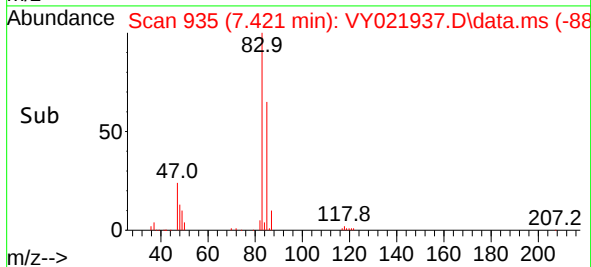
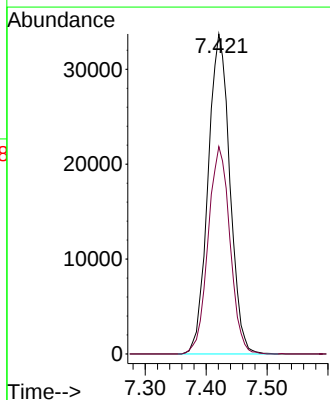
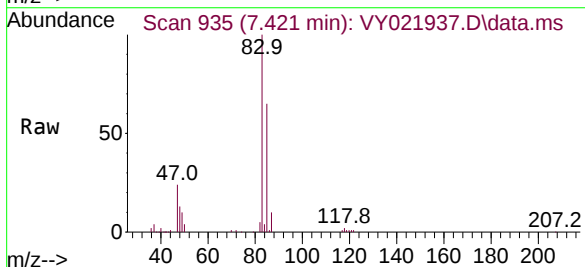
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

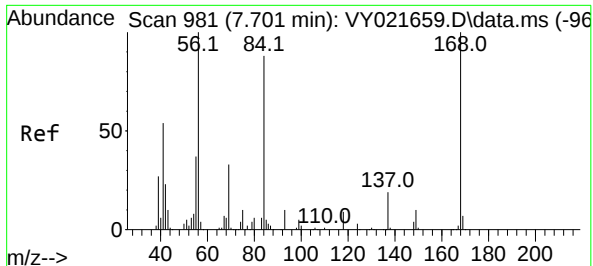
Tgt Ion: 42 Resp: 34200
Ion Ratio Lower Upper
42 100
72 43.2 34.6 52.0
71 40.7 32.5 48.7



#30
Chloroform
Concen: 21.132 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 83 Resp: 83864
Ion Ratio Lower Upper
83 100
85 64.8 50.6 75.8

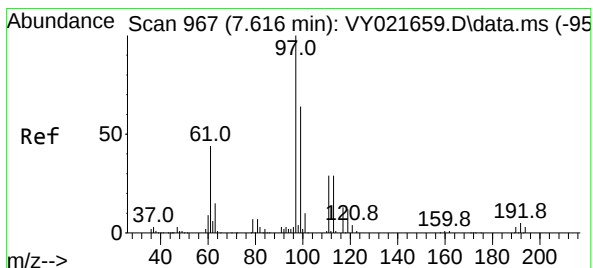
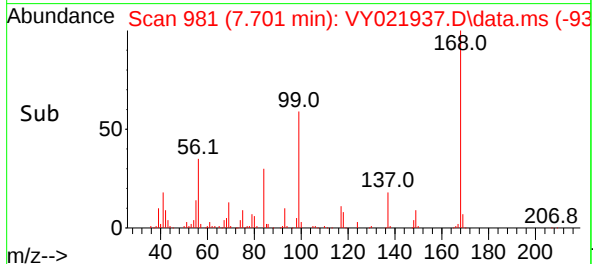
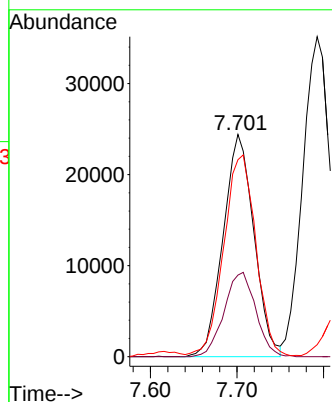
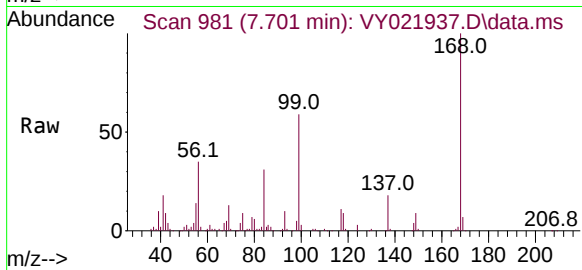




#31
Cyclohexane
Concen: 17.362 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

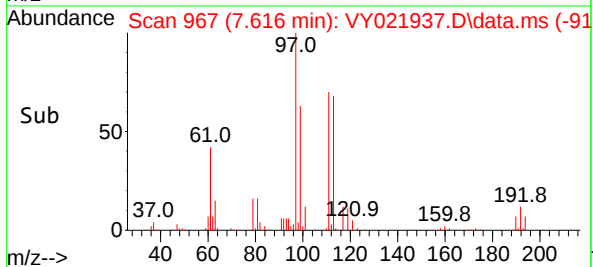
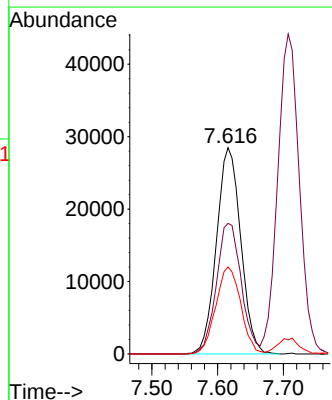
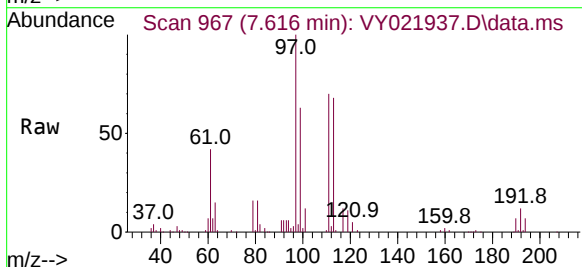
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

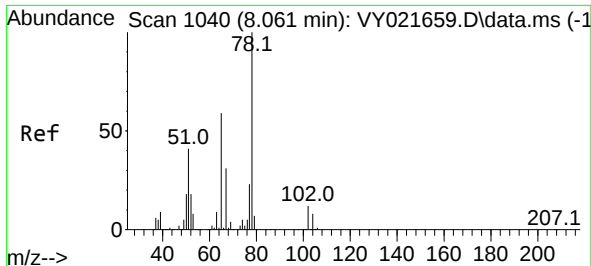
Tgt Ion: 56 Resp: 60387
Ion Ratio Lower Upper
56 100
69 36.7 26.6 40.0
84 87.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.403 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 97 Resp: 73183
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.579 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

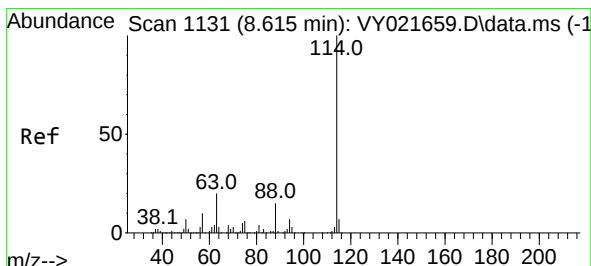
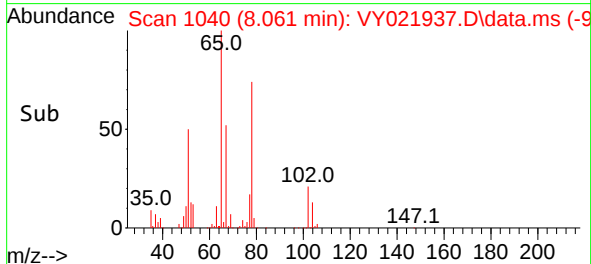
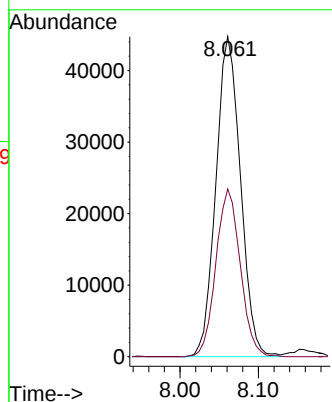
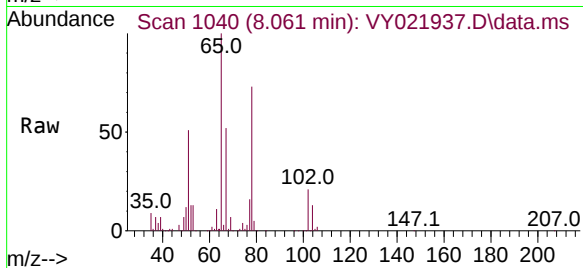
VY0421SBS01

Tgt Ion: 65 Resp: 97707

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

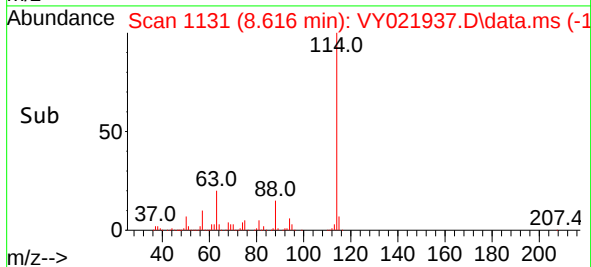
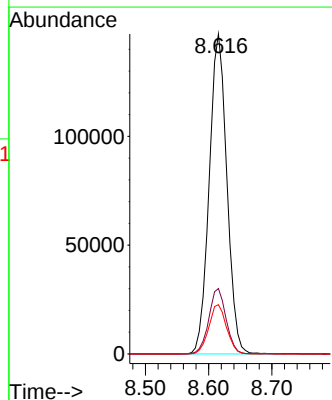
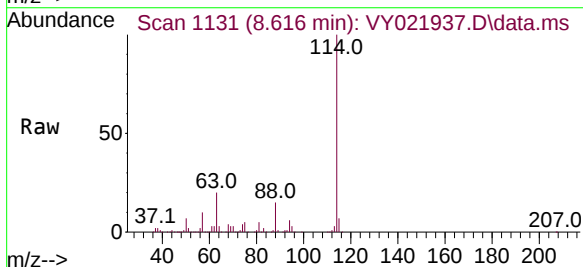
Tgt Ion: 114 Resp: 285604

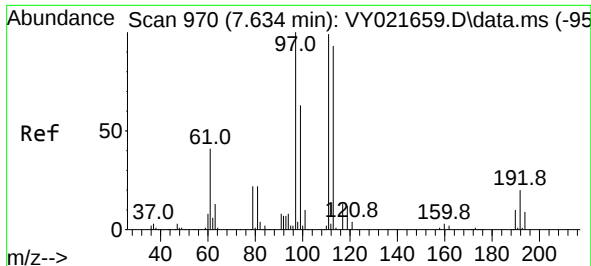
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.4 0.0 29.8

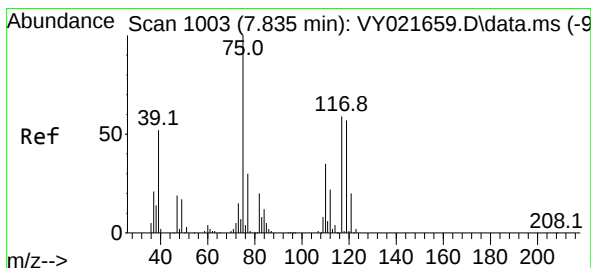
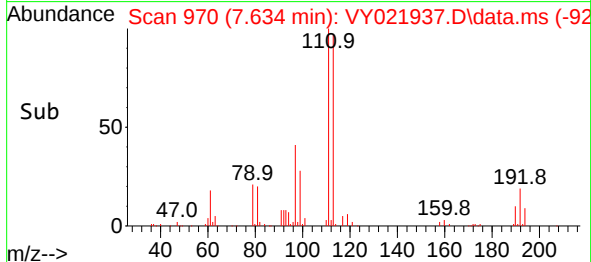
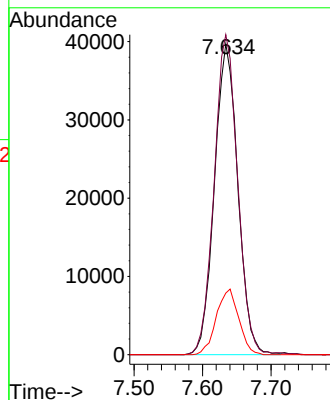
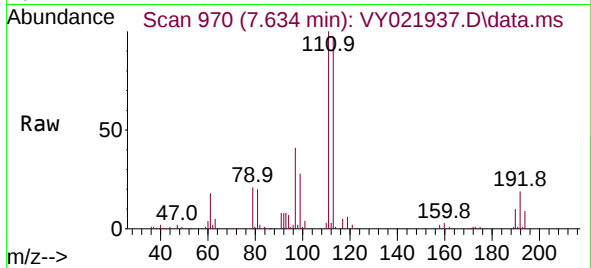




#35
Dibromofluoromethane
Concen: 50.752 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

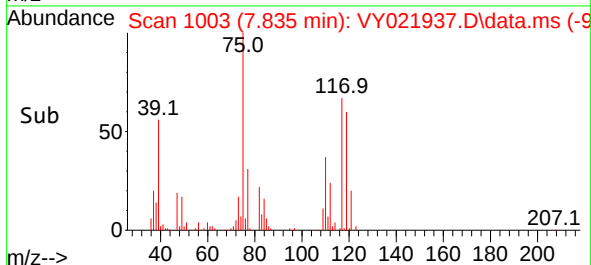
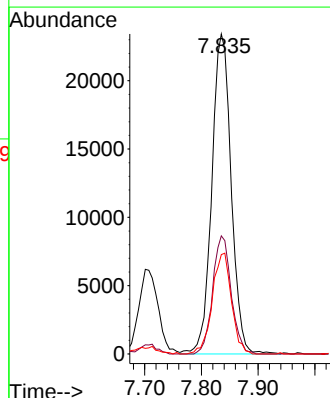
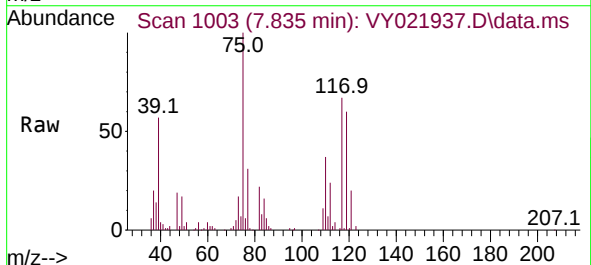
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

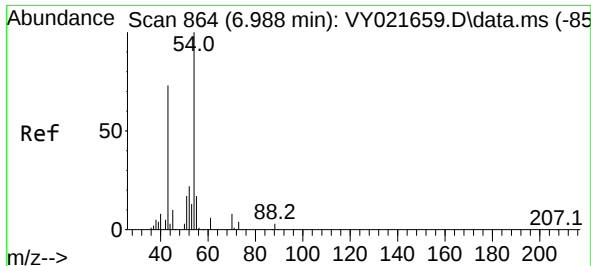
Tgt Ion:113 Resp: 94026
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.697 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 75 Resp: 55584
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 19.463 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

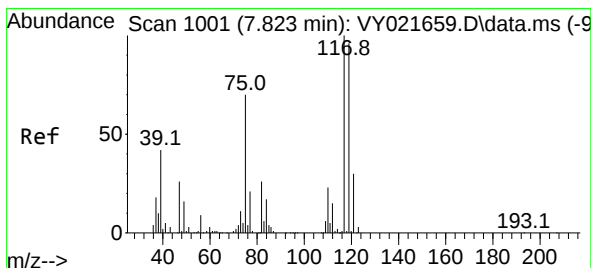
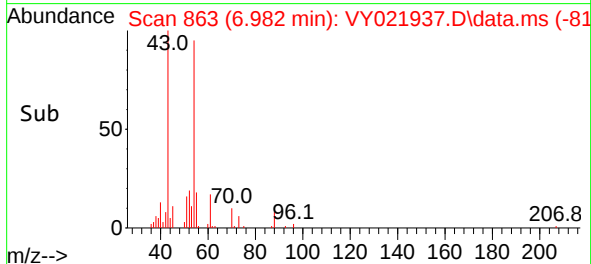
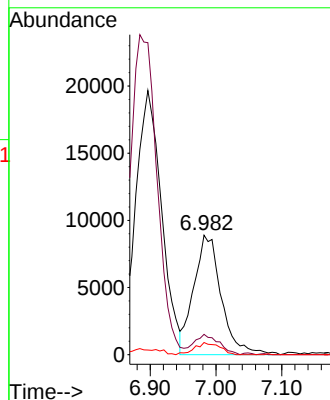
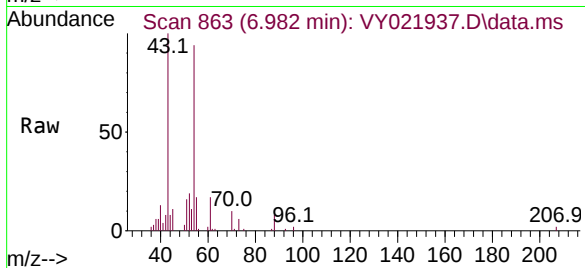
Tgt Ion: 43 Resp: 25920

Ion Ratio Lower Upper

43 100

61 15.3 11.0 16.6

70 9.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.626 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

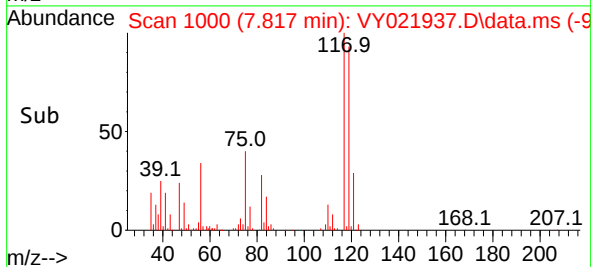
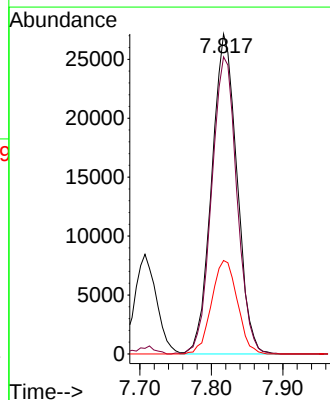
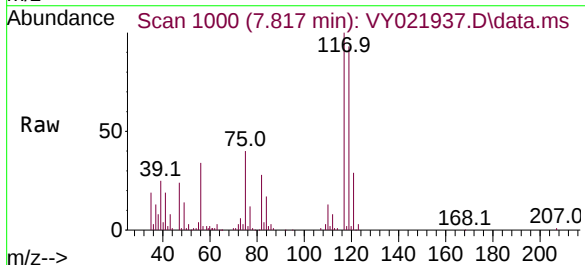
Tgt Ion: 117 Resp: 66663

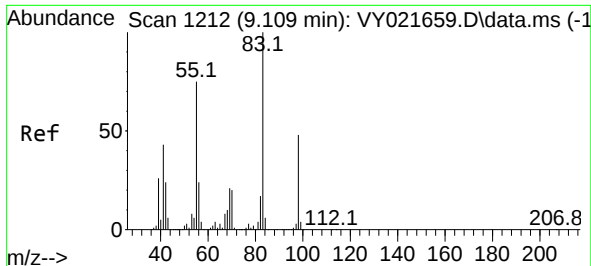
Ion Ratio Lower Upper

117 100

119 92.9 76.2 114.4

121 29.2 24.2 36.4

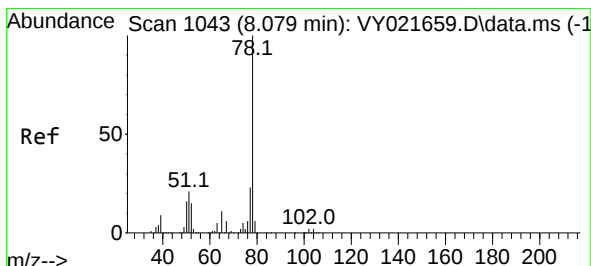
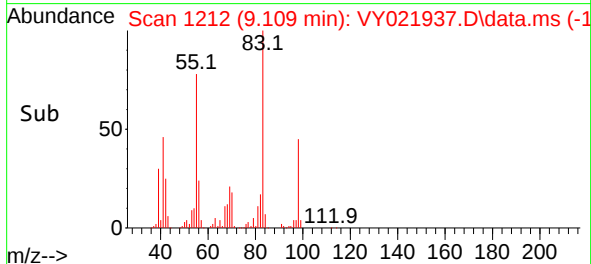
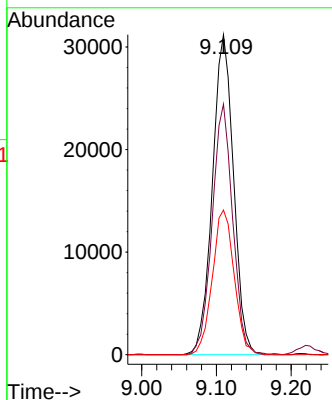
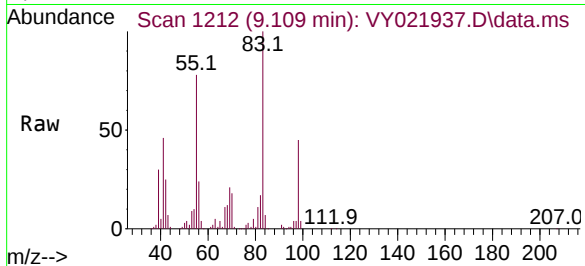




#39
Methylcyclohexane
Concen: 18.176 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

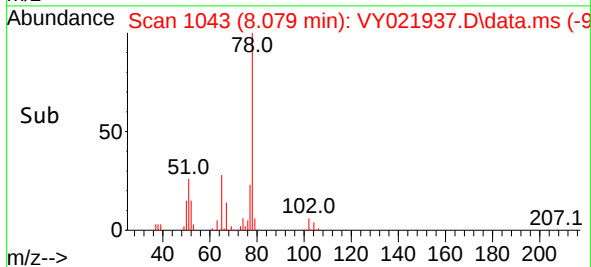
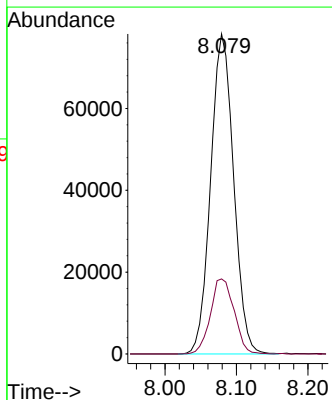
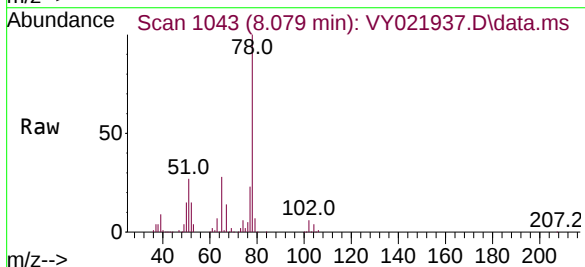
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

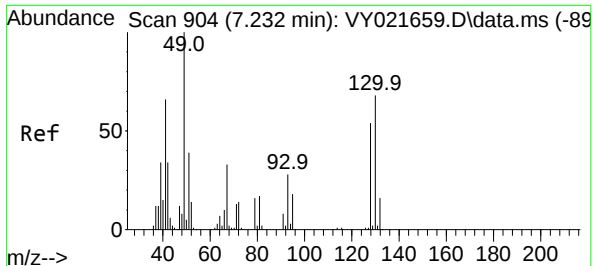
Tgt Ion: 83 Resp: 61273
Ion Ratio Lower Upper
83 100
55 78.3 59.7 89.5
98 45.2 38.3 57.5



#40
Benzene
Concen: 20.638 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 78 Resp: 174410
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

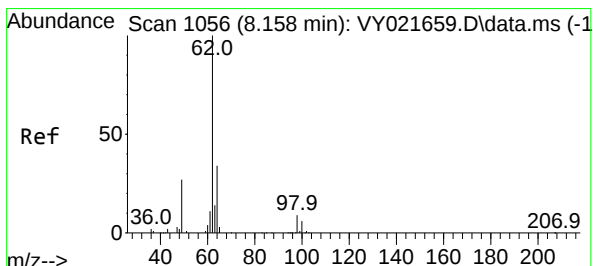
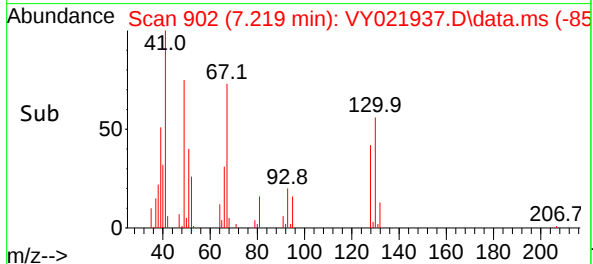
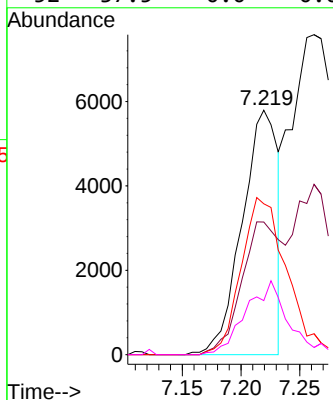
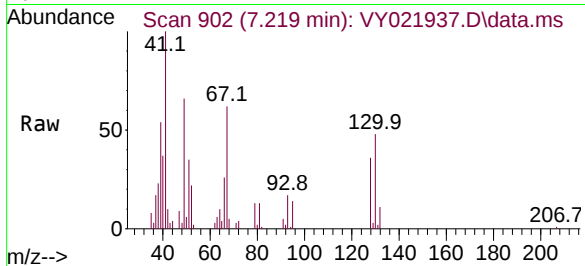




#41
Methacrylonitrile
Concen: 17.319 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

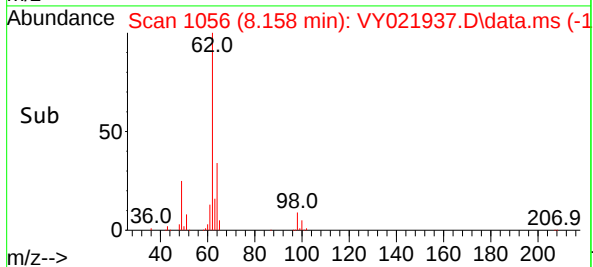
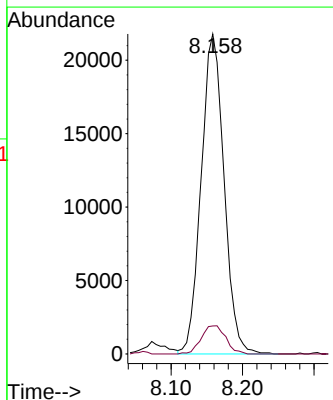
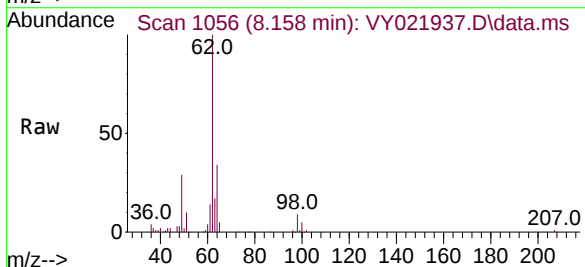
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

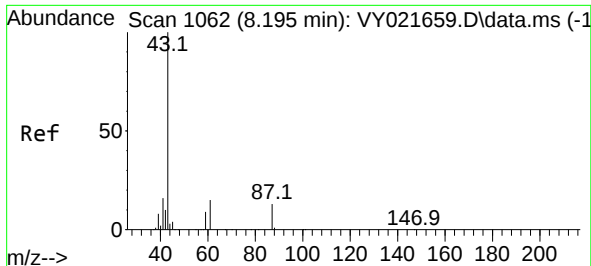
Tgt Ion: 41	Resp: 12249
Ion Ratio	Lower Upper
41 100	
39 62.7	0.0 0.0#
67 82.7	0.0 0.0#
52 37.5	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.314 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 62	Resp: 48396
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.4

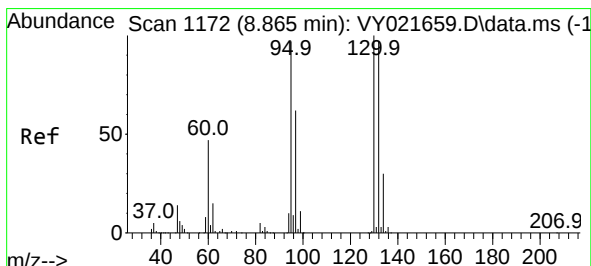
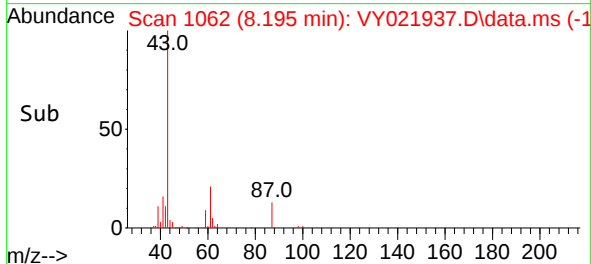
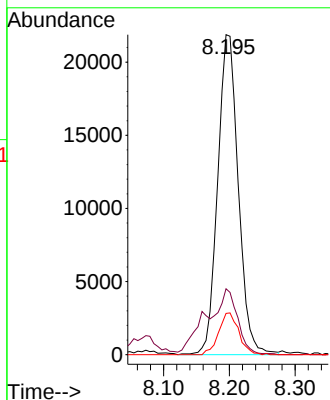
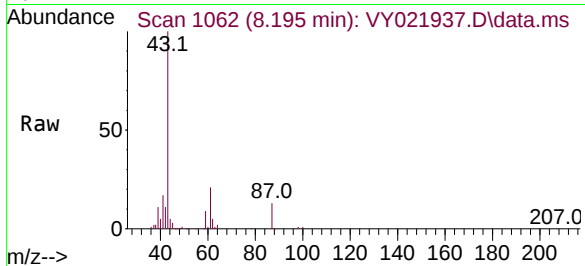




#43
Isopropyl Acetate
Concen: 18.928 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

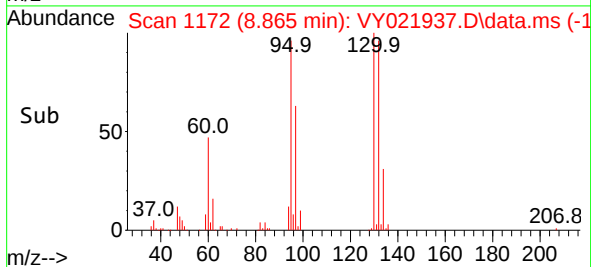
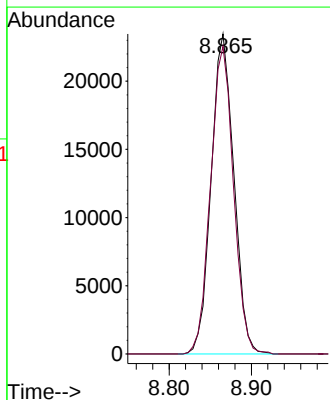
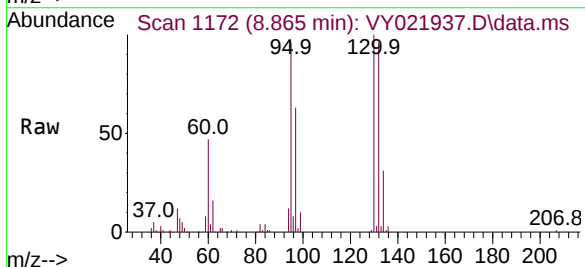
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

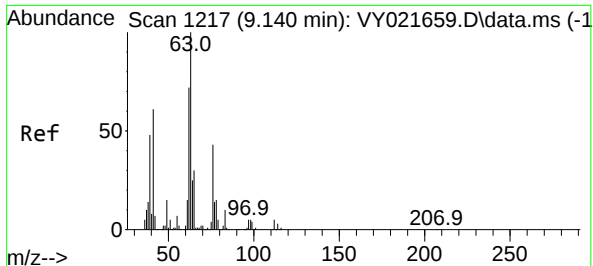
Tgt Ion: 43 Resp: 47771
Ion Ratio Lower Upper
43 100
61 18.4 15.9 23.9
87 12.8 10.4 15.6



#44
Trichloroethene
Concen: 20.867 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion:130 Resp: 44932
Ion Ratio Lower Upper
130 100
95 96.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.960 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

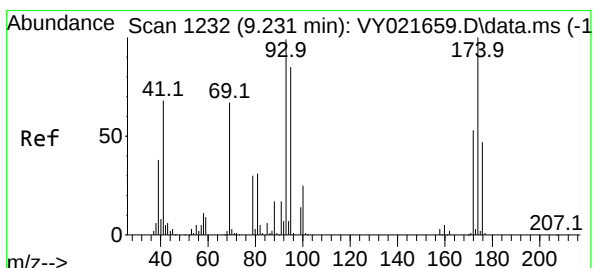
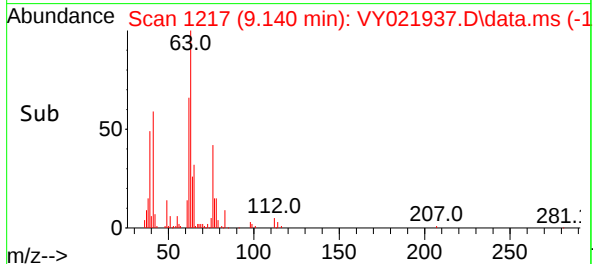
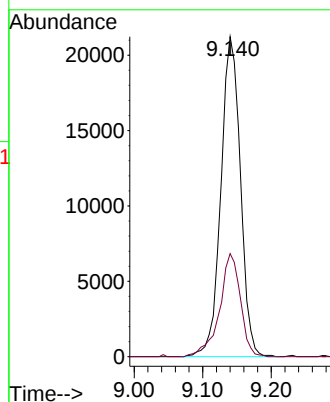
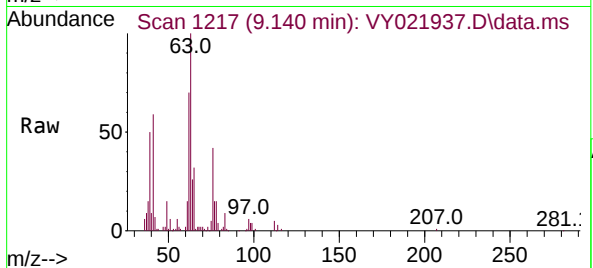
VY0421SBS01

Tgt Ion: 63 Resp: 41927

Ion Ratio Lower Upper

63 100

65 32.2 24.4 36.6



#46

Dibromomethane

Concen: 21.074 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

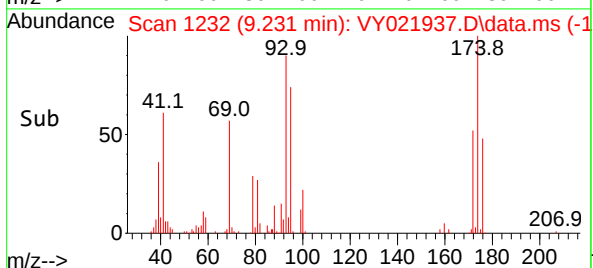
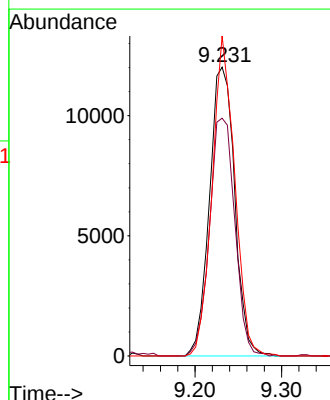
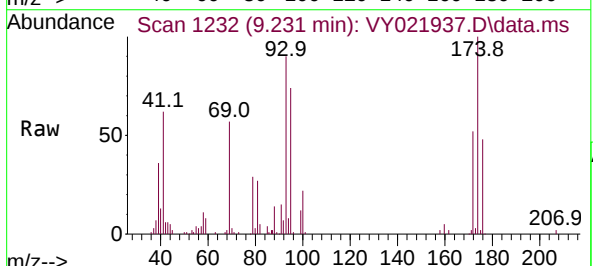
Tgt Ion: 93 Resp: 24295

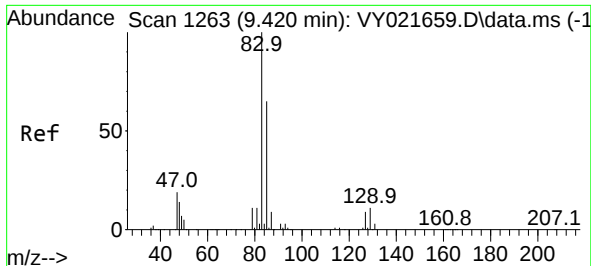
Ion Ratio Lower Upper

93 100

95 82.5 68.1 102.1

174 99.2 80.9 121.3

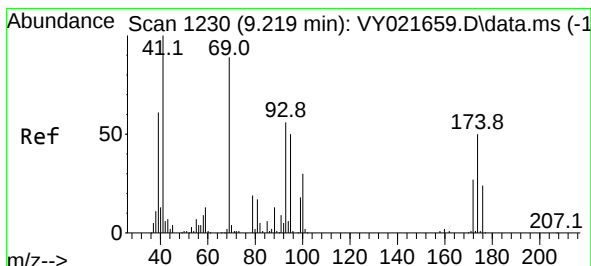
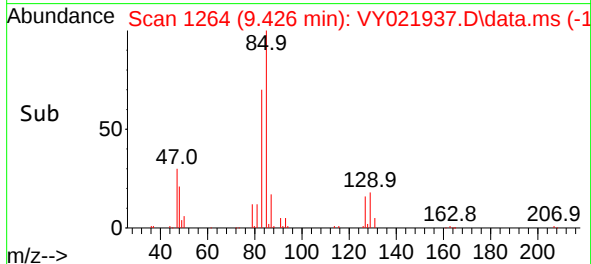
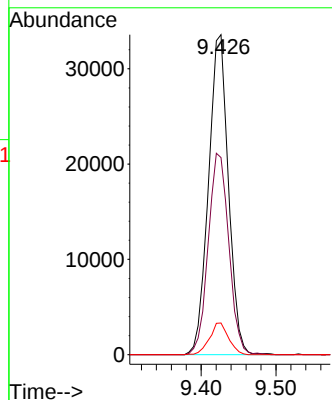
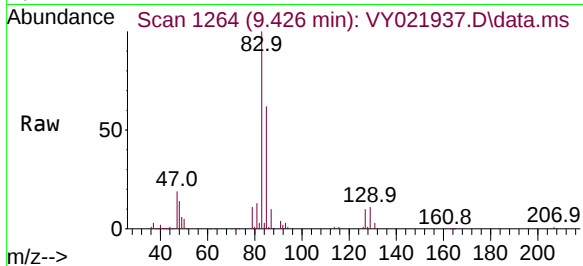




#47
Bromodichloromethane
Concen: 20.838 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

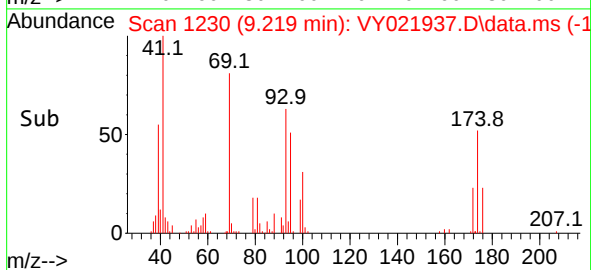
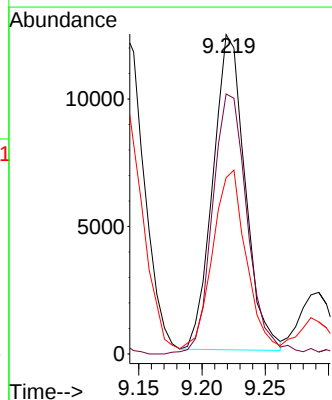
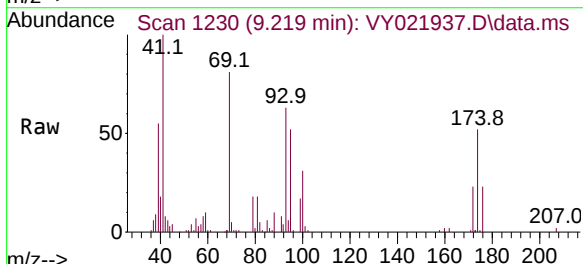
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

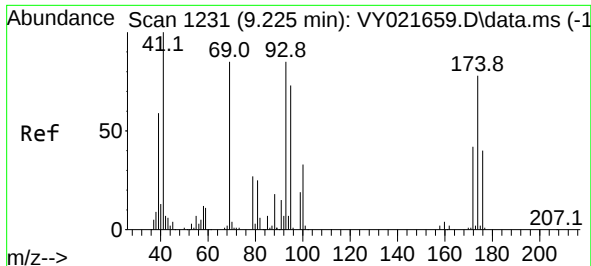
Tgt Ion: 83 Resp: 62250
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6
127 9.9 6.8 10.2



#48
Methyl methacrylate
Concen: 18.916 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 41 Resp: 21911
Ion Ratio Lower Upper
41 100
69 88.9 69.8 104.8
39 58.4 47.2 70.8

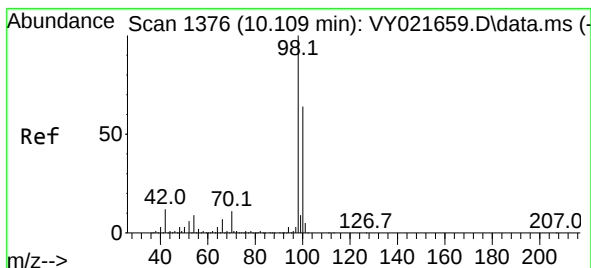
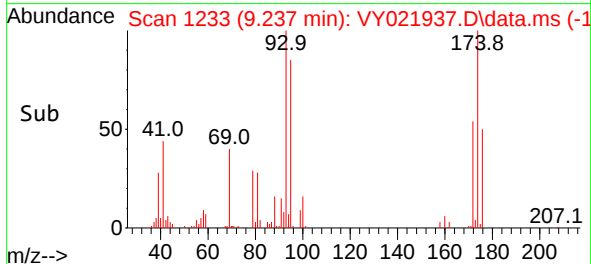
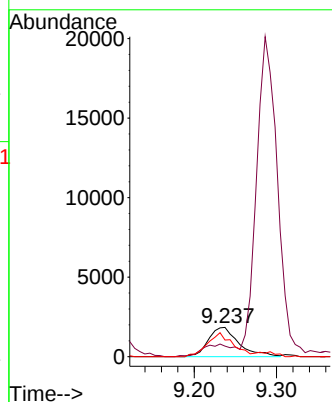
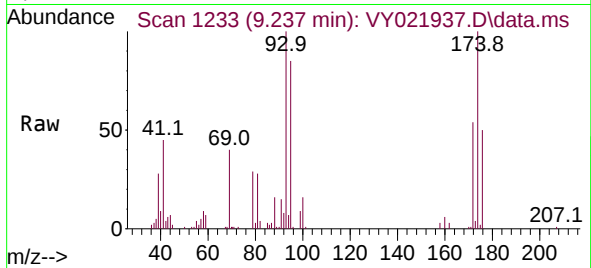




#49
1,4-Dioxane
Concen: 387.445 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

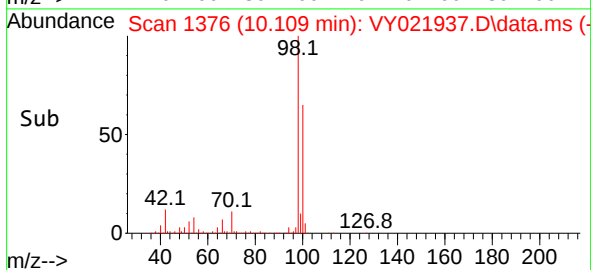
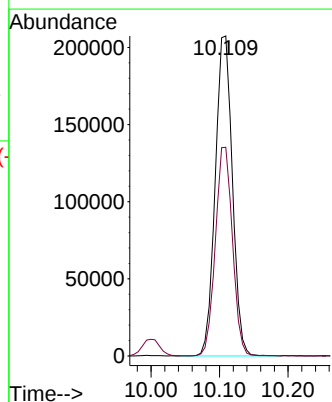
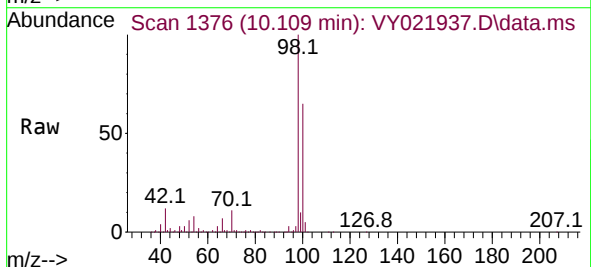
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

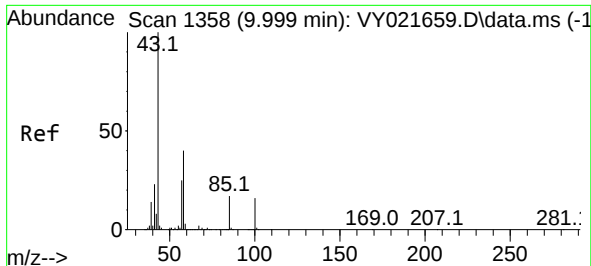
Tgt Ion: 88 Resp: 4785
Ion Ratio Lower Upper
88 100
43 36.4 28.8 43.2
58 69.6 59.4 89.2



#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 98 Resp: 359378
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

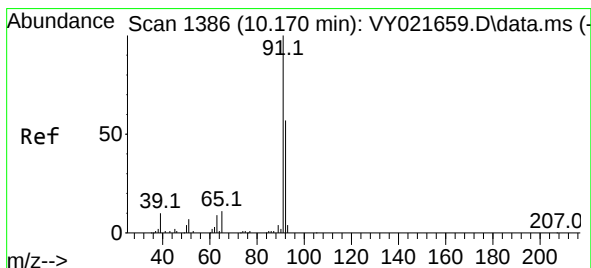
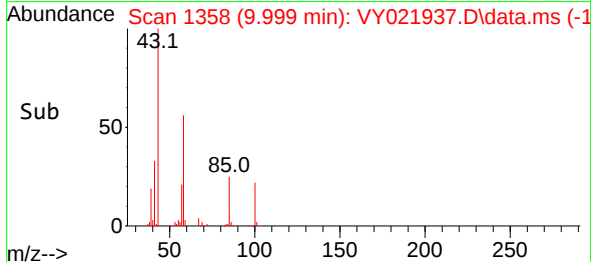
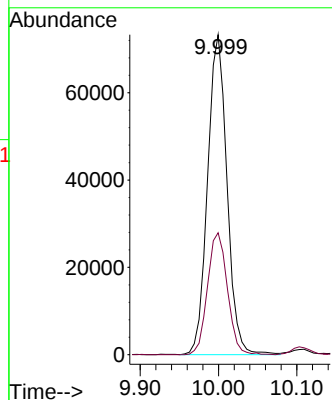
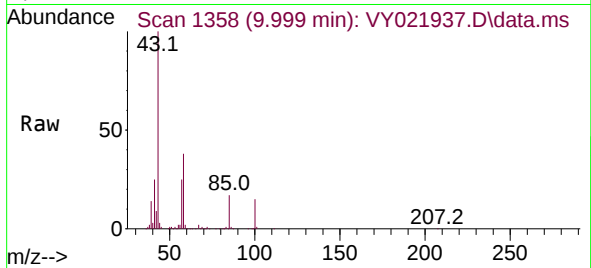




#51
4-Methyl-2-Pentanone
Concen: 96.063 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

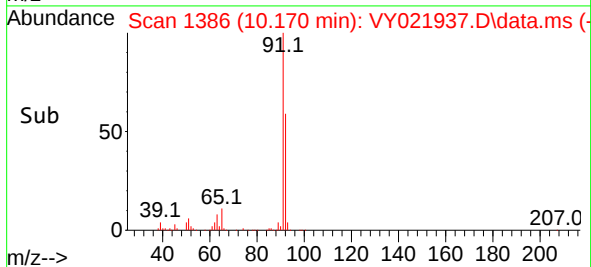
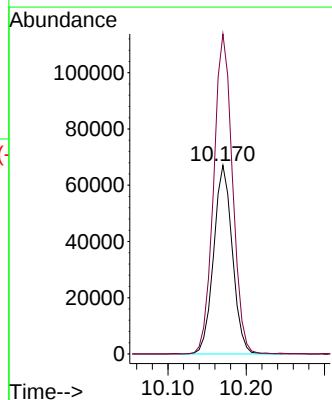
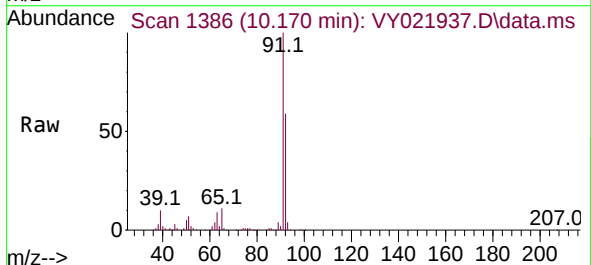
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

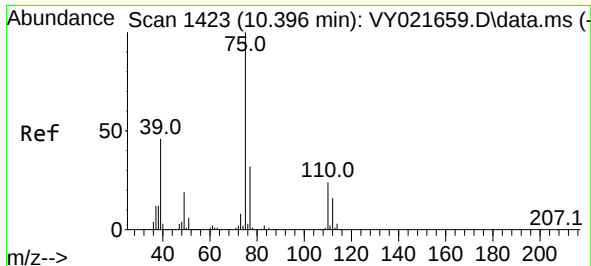
Tgt Ion: 43 Resp: 126168
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3



#52
Toluene
Concen: 21.039 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 92 Resp: 110928
Ion Ratio Lower Upper
92 100
91 171.7 138.6 207.8

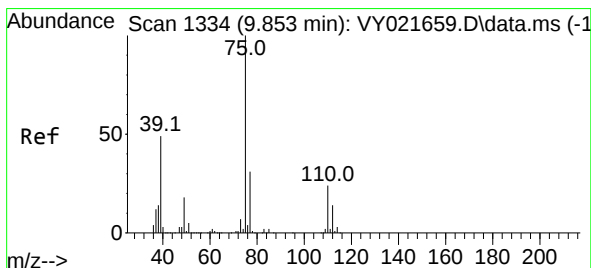
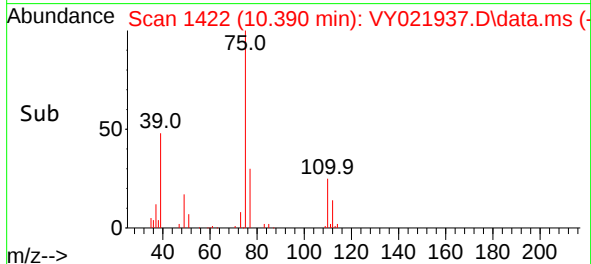
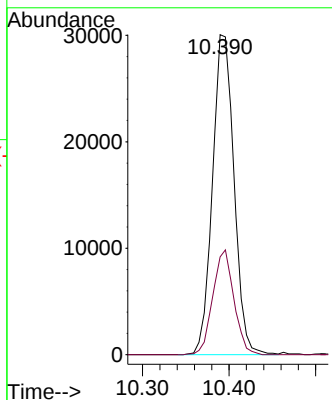
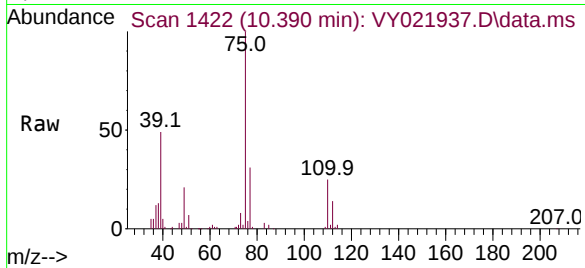




#53
 t-1,3-Dichloropropene
 Concen: 19.569 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

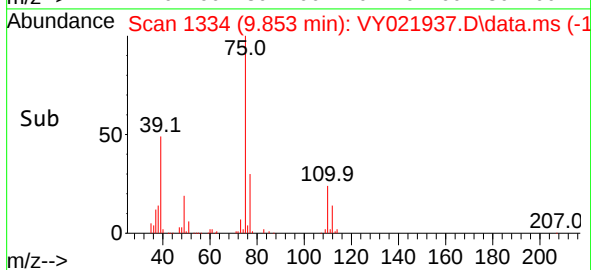
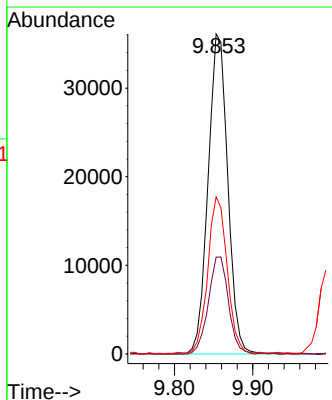
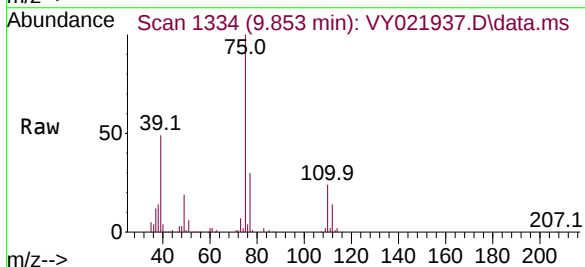
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

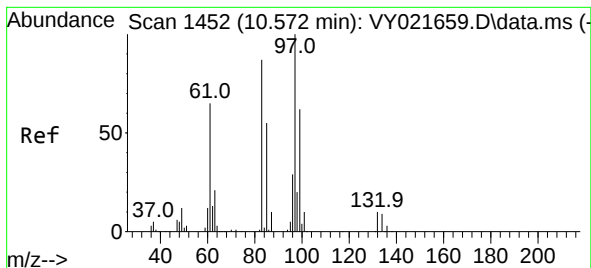
Tgt Ion: 75 Resp: 51924
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.103 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion: 75 Resp: 62926
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3
 39 48.6 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.874 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tgt Ion: 97 Resp: 30969

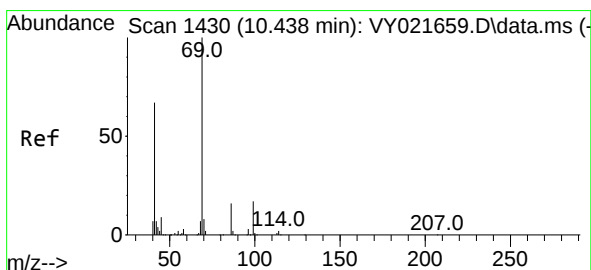
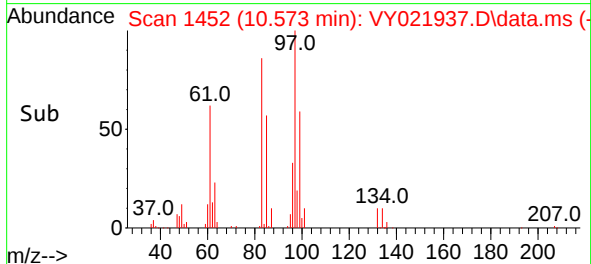
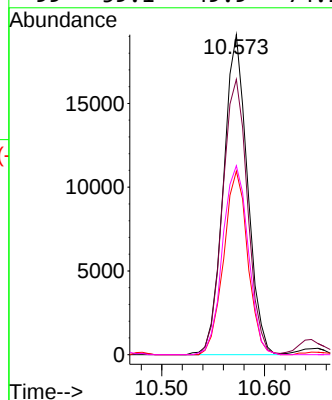
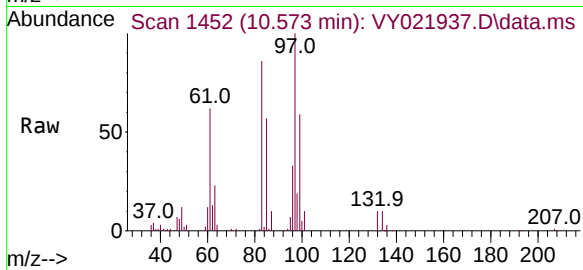
Ion Ratio Lower Upper

97 100

83 86.1 69.5 104.3

85 57.4 43.9 65.9

99 59.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.532 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

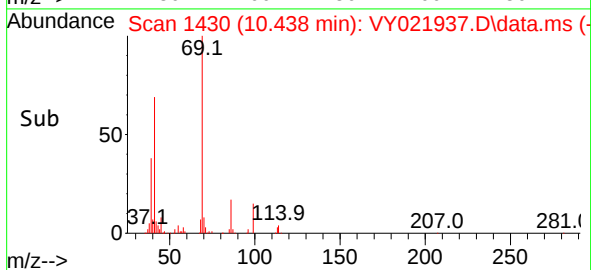
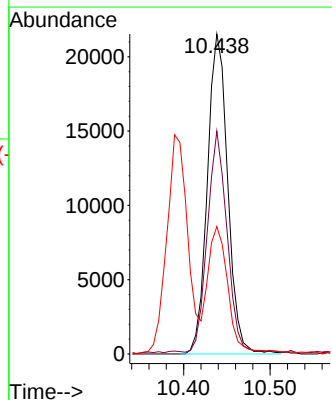
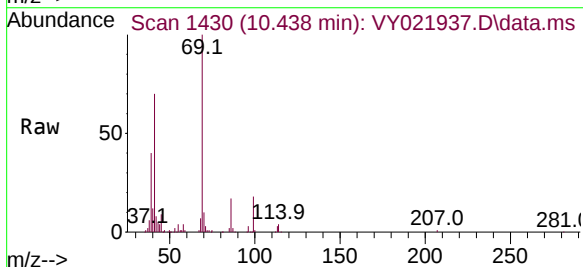
Tgt Ion: 69 Resp: 35107

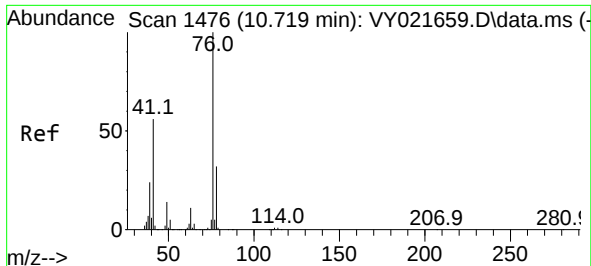
Ion Ratio Lower Upper

69 100

41 66.5 53.8 80.6

39 38.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 21.147 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

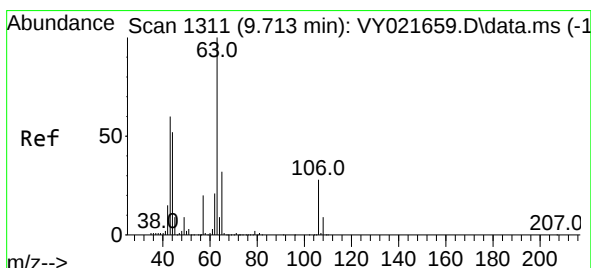
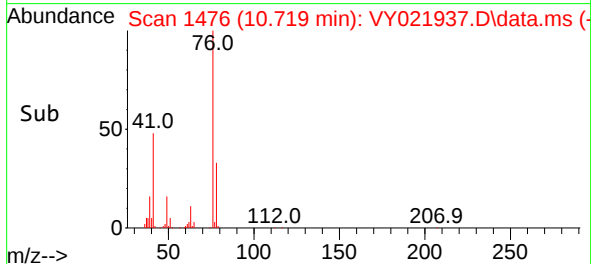
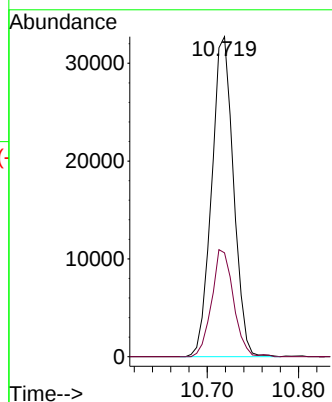
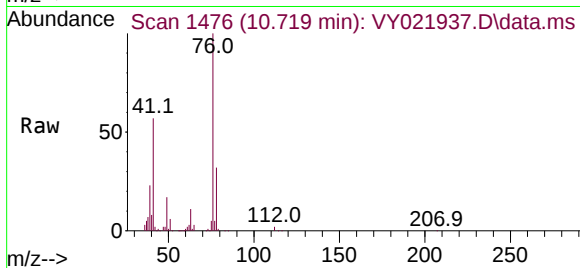
VY0421SBS01

Tgt Ion: 76 Resp: 54184

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.352 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021937.D

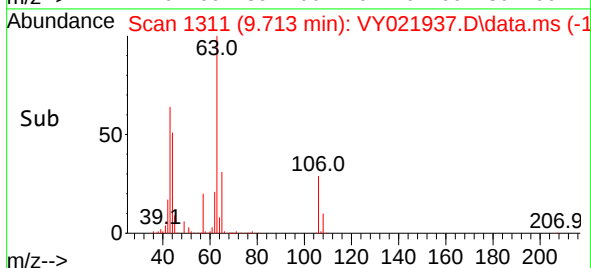
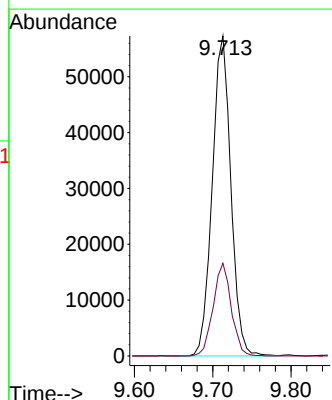
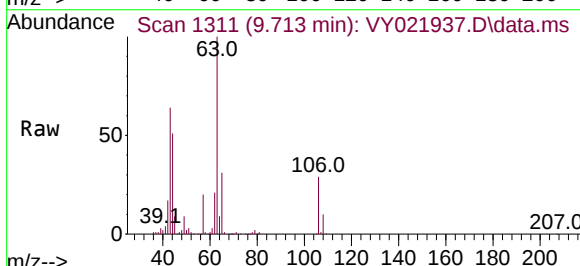
Acq: 21 Apr 2025 10:18

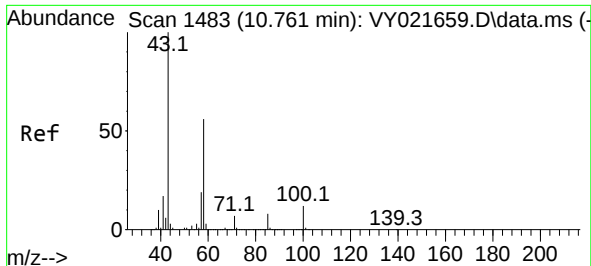
Tgt Ion: 63 Resp: 94588

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

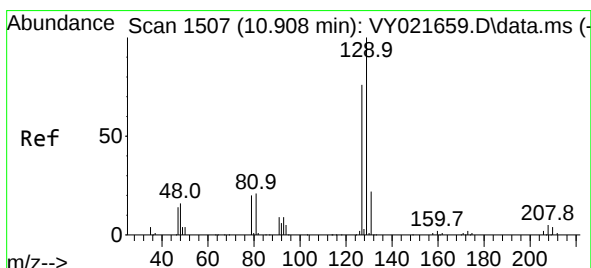
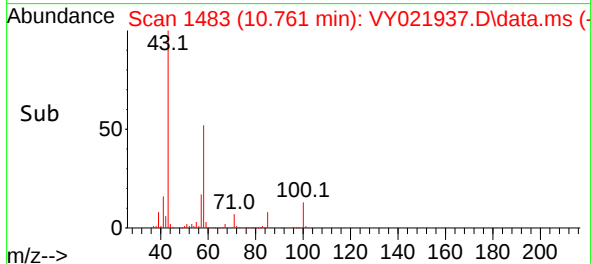
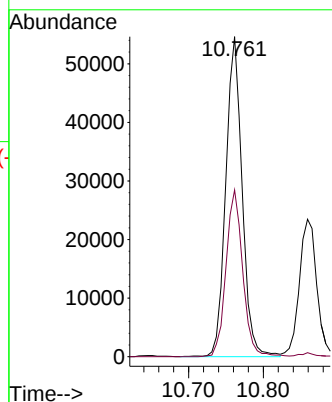
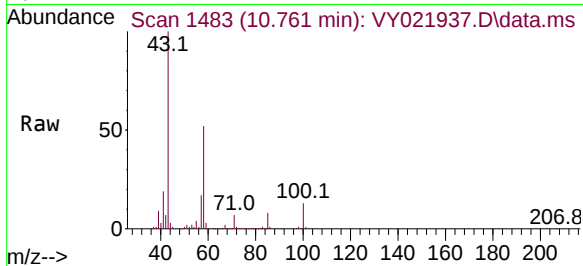




#59
2-Hexanone
Concen: 95.376 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

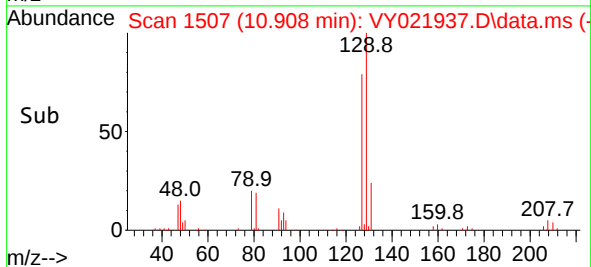
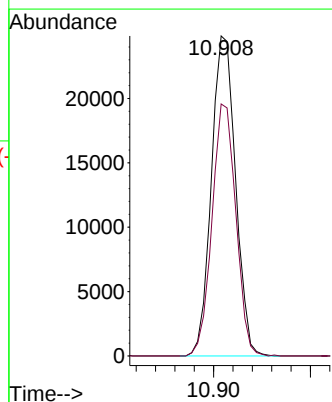
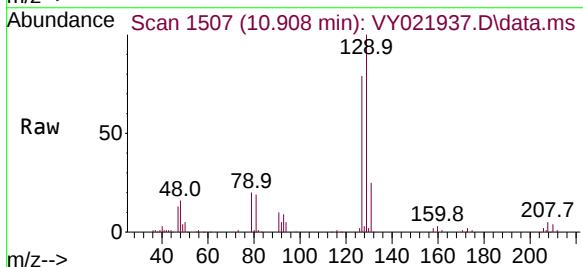
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

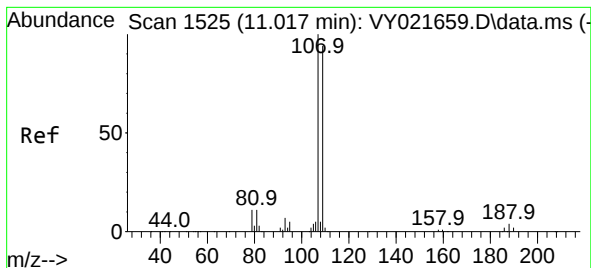
Tgt Ion: 43 Resp: 83425
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5



#60
Dibromochloromethane
Concen: 21.280 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 129 Resp: 43104
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

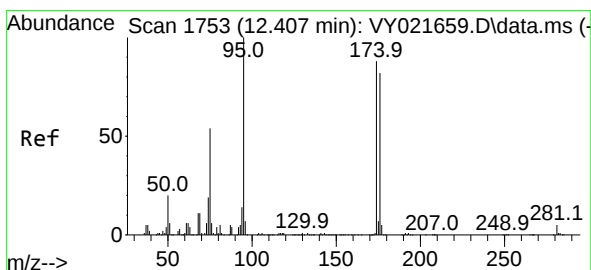
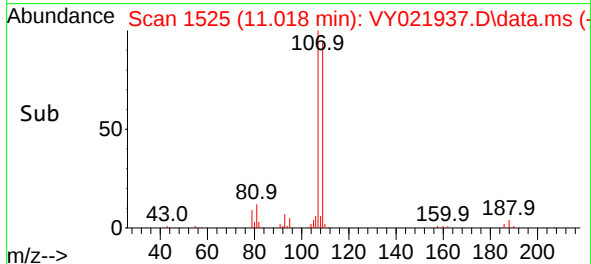
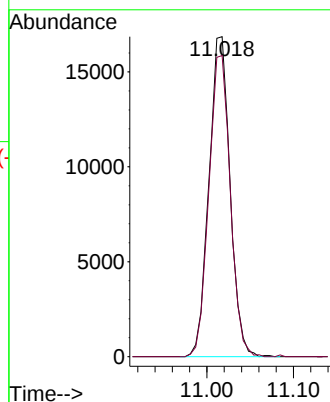
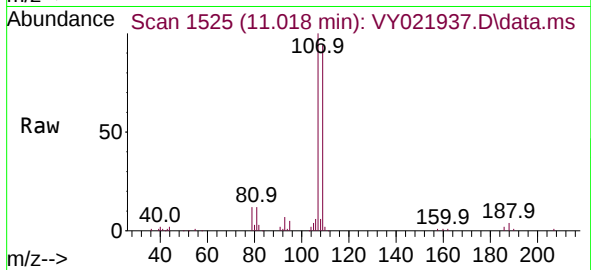




#61
1,2-Dibromoethane
Concen: 20.500 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

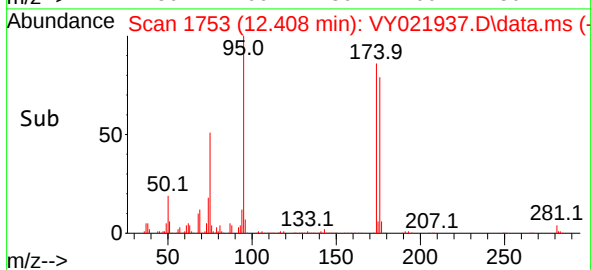
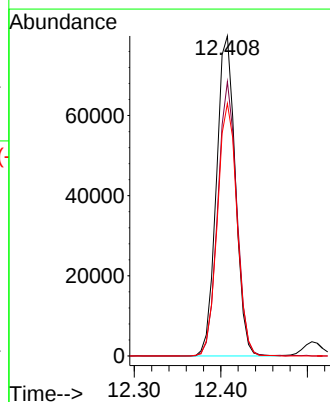
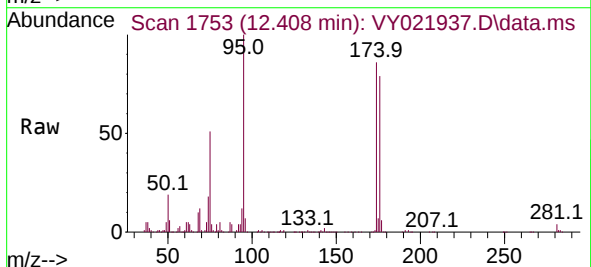
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

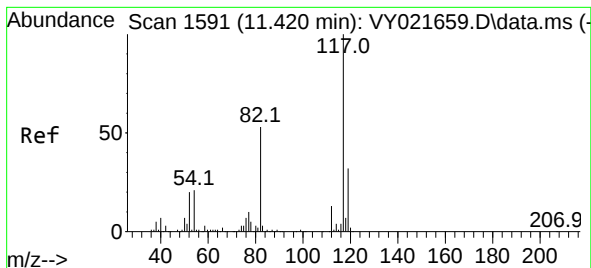
Tgt Ion:107 Resp: 28530
Ion Ratio Lower Upper
107 100
109 95.5 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 50.917 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 95 Resp: 121385
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.8
176 81.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

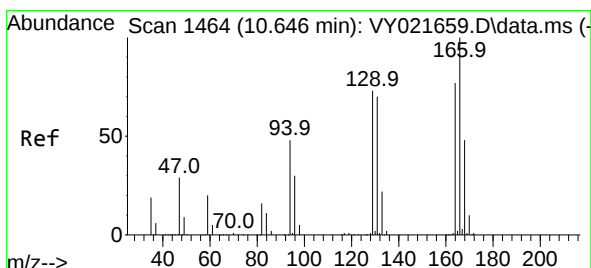
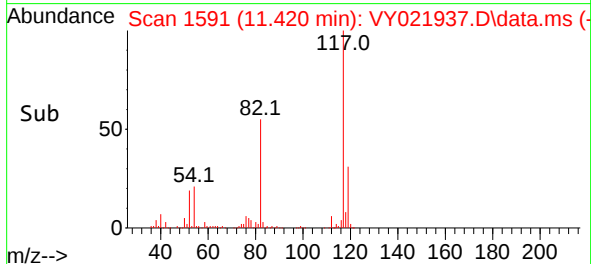
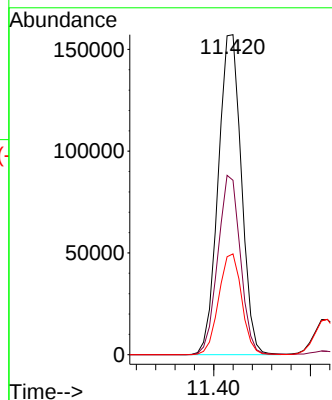
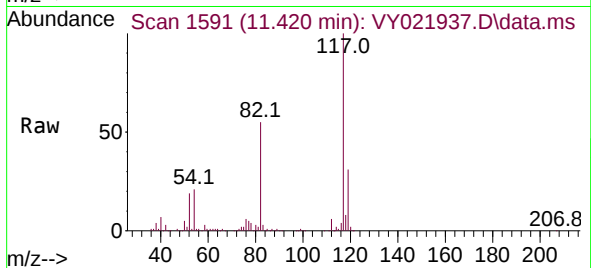
Tgt Ion:117 Resp: 261318

Ion Ratio Lower Upper

117 100

82 54.5 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 22.014 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Tgt Ion:164 Resp: 52393

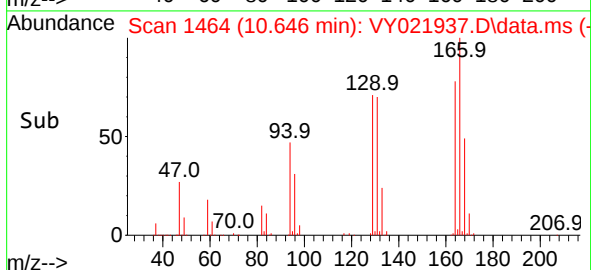
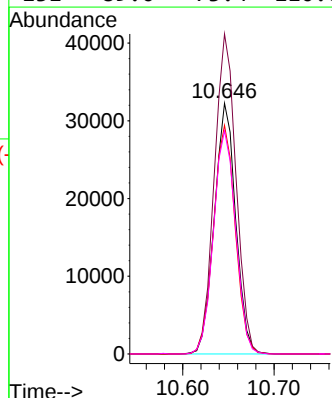
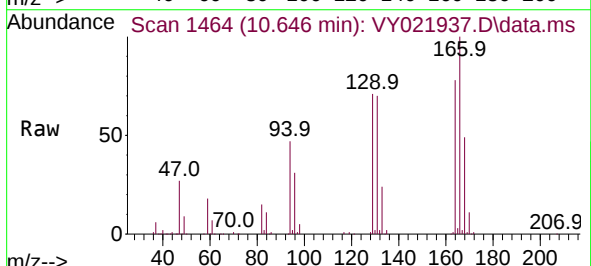
Ion Ratio Lower Upper

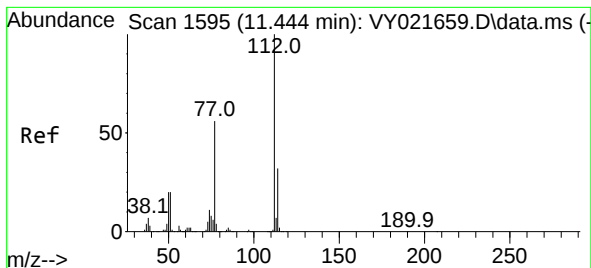
164 100

166 127.6 104.6 156.8

129 91.2 76.6 114.8

131 89.0 73.4 110.0





#65

Chlorobenzene

Concen: 20.303 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

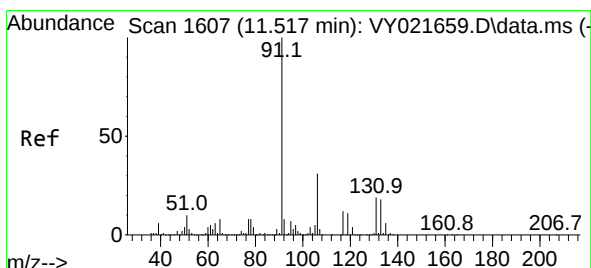
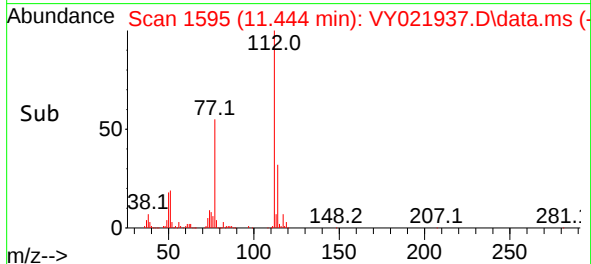
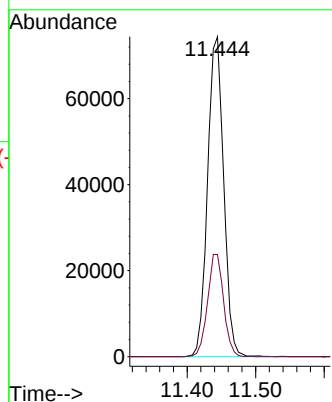
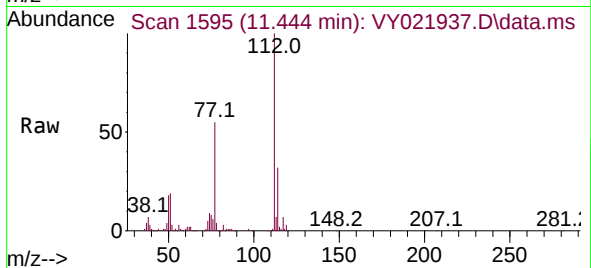
VY0421SBS01

Tgt Ion:112 Resp: 121622

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.701 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

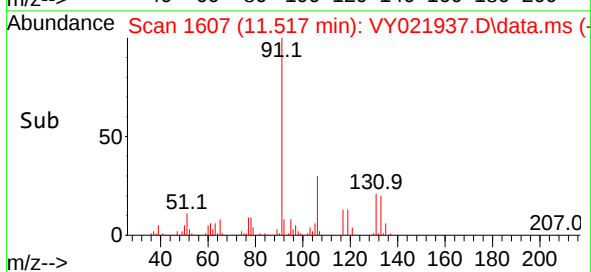
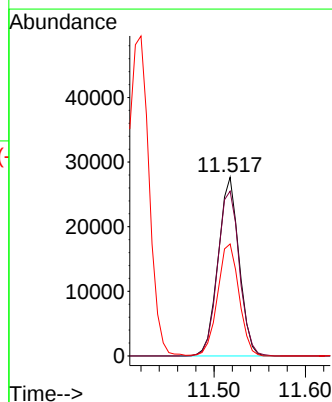
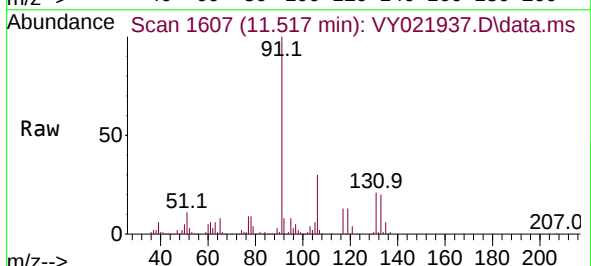
Tgt Ion:131 Resp: 43997

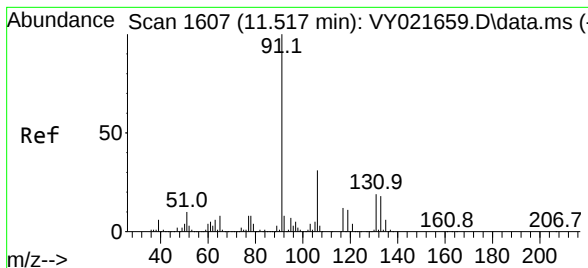
Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.8

119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 19.408 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

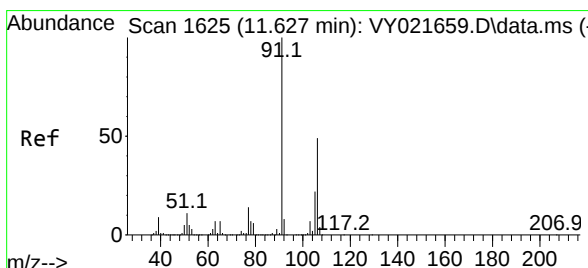
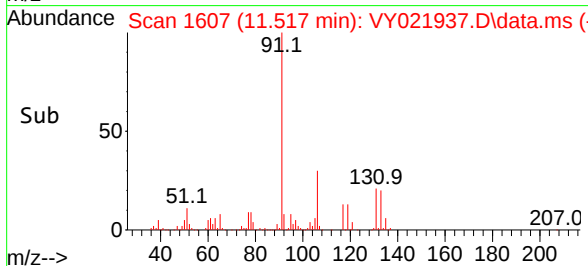
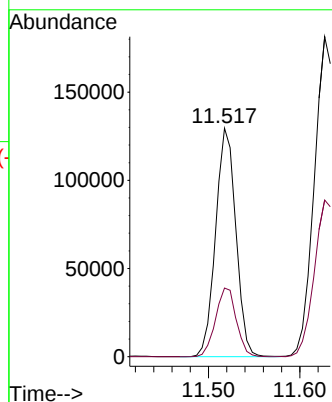
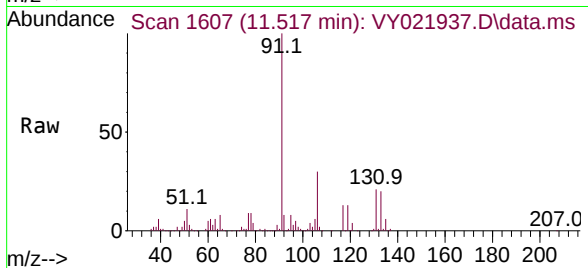
VY0421SBS01

Tgt Ion: 91 Resp: 199354

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.277 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021937.D

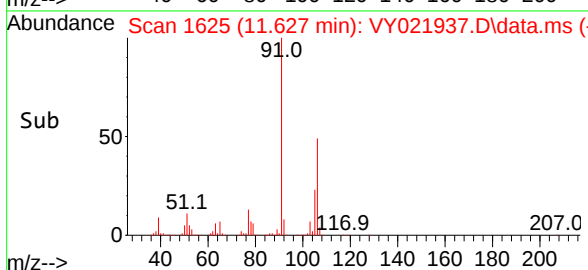
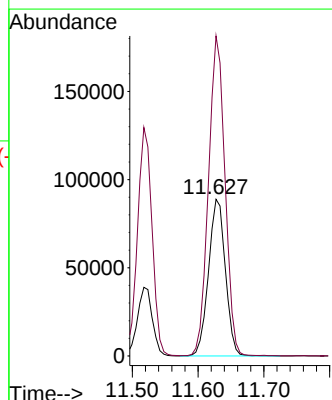
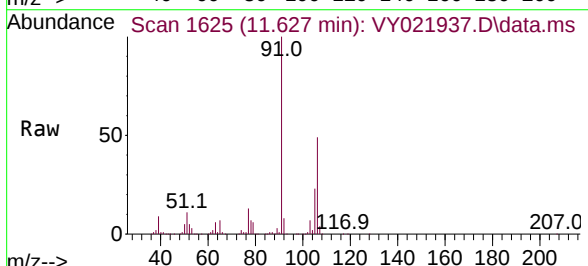
Acq: 21 Apr 2025 10:18

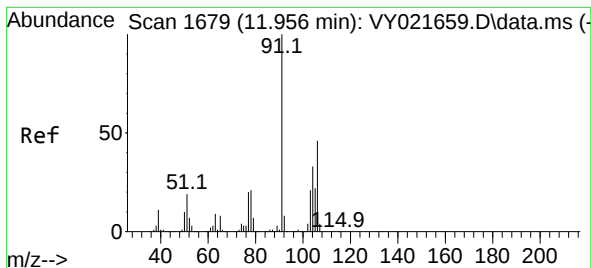
Tgt Ion:106 Resp: 158426

Ion Ratio Lower Upper

106 100

91 200.4 162.4 243.6





#69

o-Xylene

Concen: 19.623 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

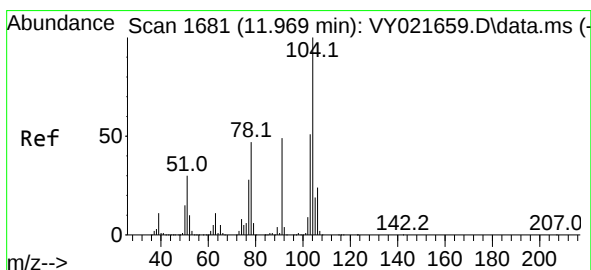
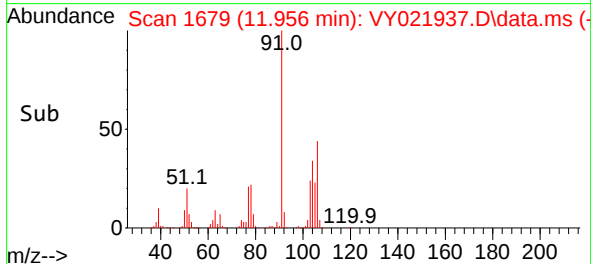
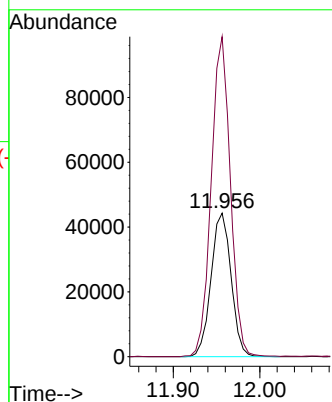
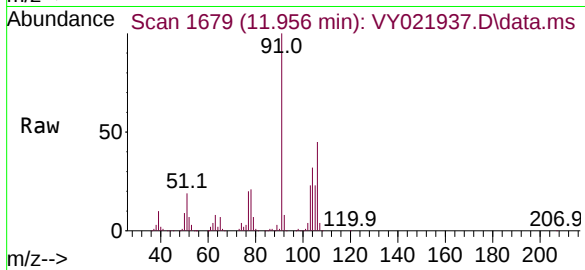
VY0421SBS01

Tgt Ion:106 Resp: 71248

Ion Ratio Lower Upper

106 100

91 213.2 106.7 319.9



#70

Styrene

Concen: 20.064 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

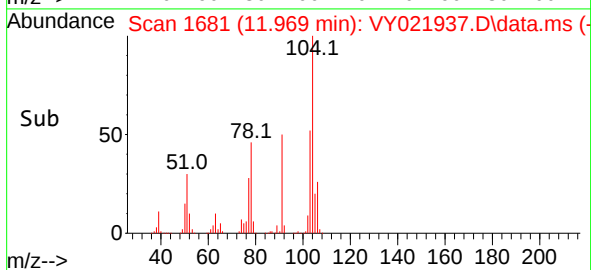
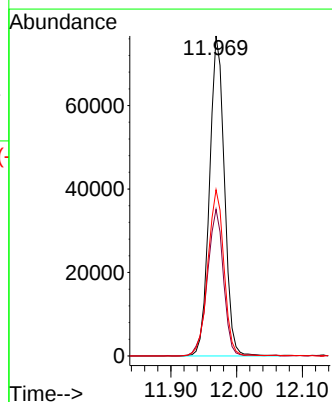
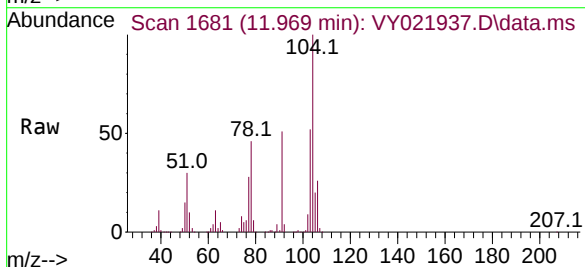
Tgt Ion:104 Resp: 121466

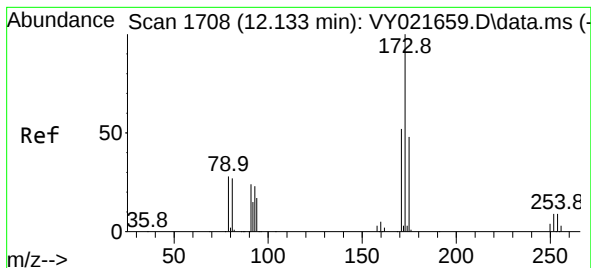
Ion Ratio Lower Upper

104 100

78 49.1 40.8 61.2

103 55.8 44.2 66.2





#71

Bromoform

Concen: 20.610 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

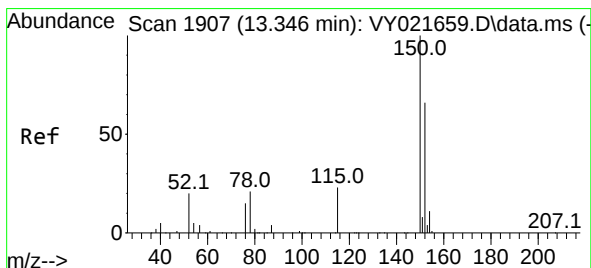
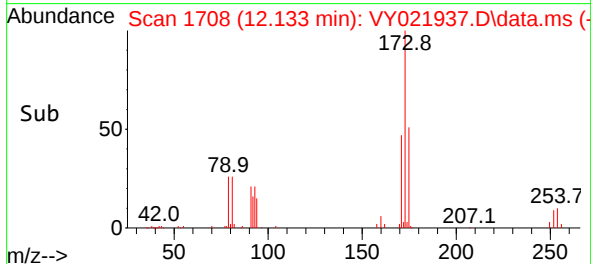
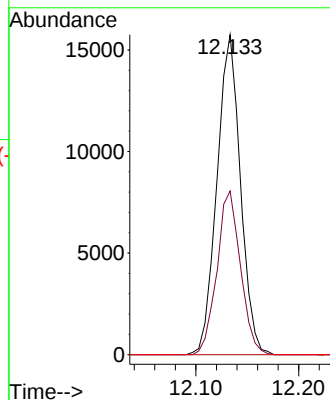
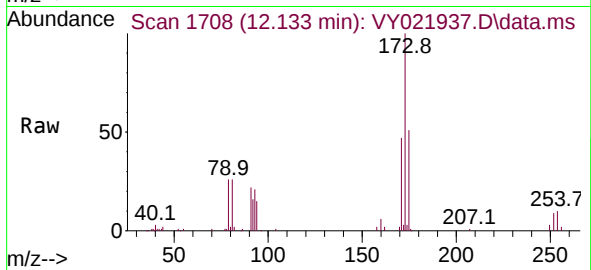
Tgt Ion:173 Resp: 24986

Ion Ratio Lower Upper

173 100

175 51.2 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

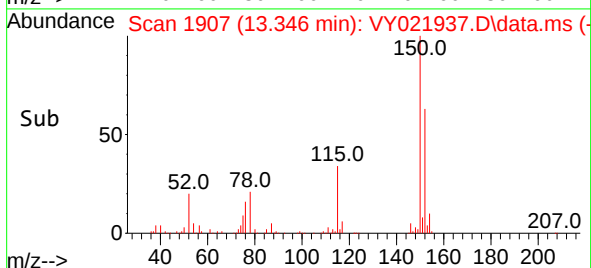
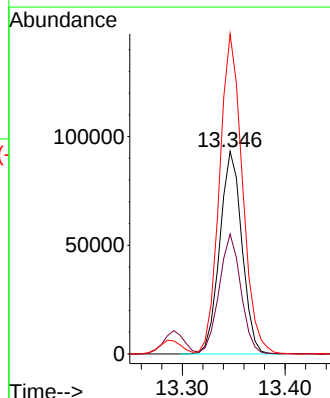
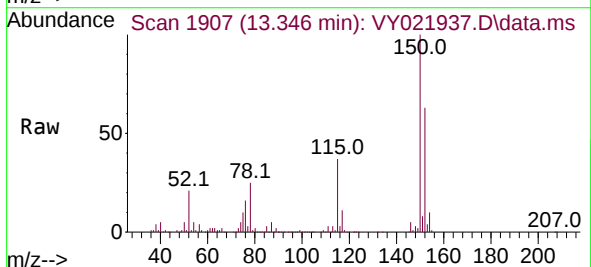
Tgt Ion:152 Resp: 139221

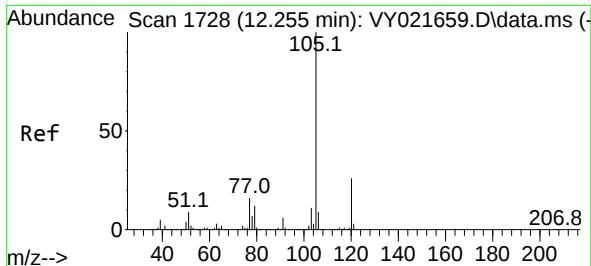
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 163.5 0.0 348.4

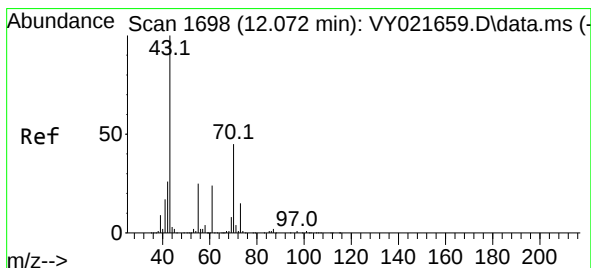
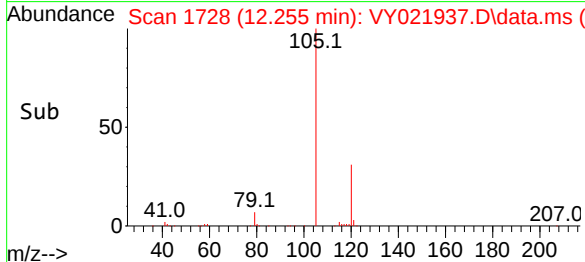
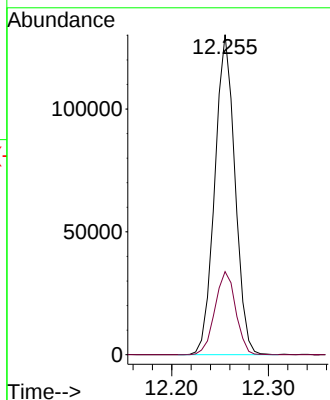
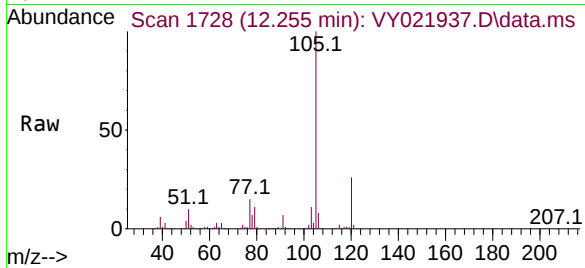




#73
Isopropylbenzene
Concen: 18.251 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

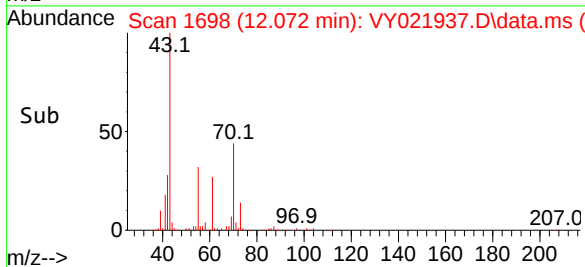
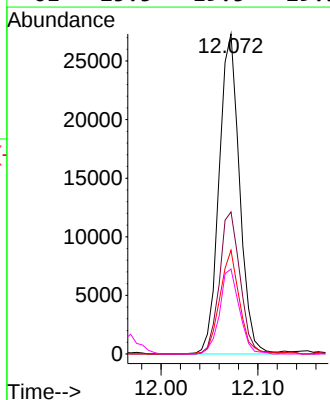
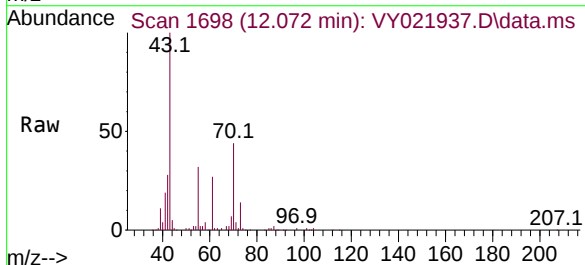
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

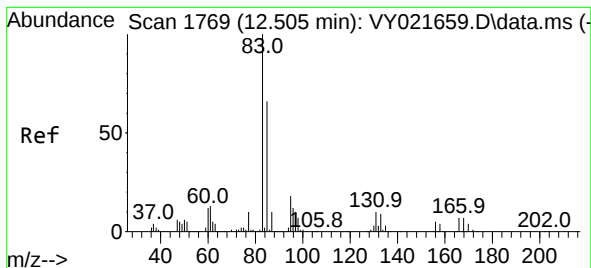
Tgt Ion:105 Resp: 188726
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 16.554 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 43 Resp: 40174
Ion Ratio Lower Upper
43 100
70 44.9 34.7 52.1
55 31.2 21.2 31.8
61 25.5 19.5 29.3

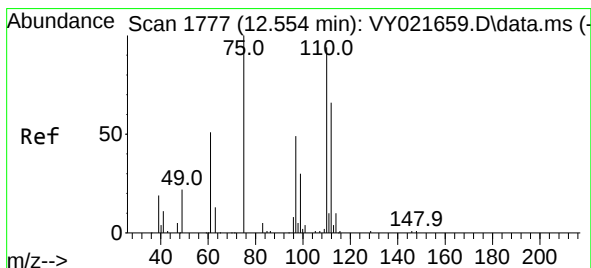
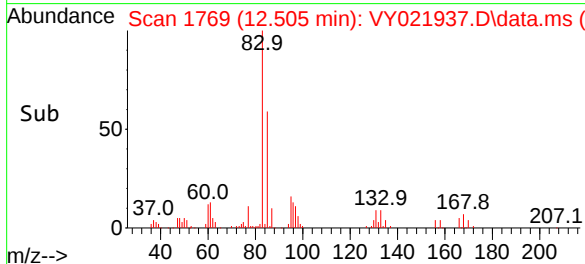
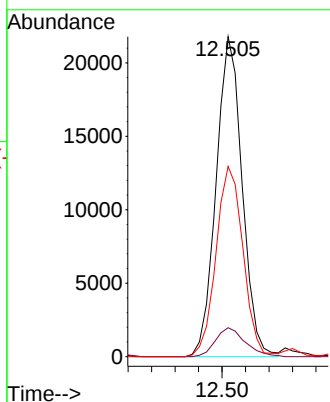
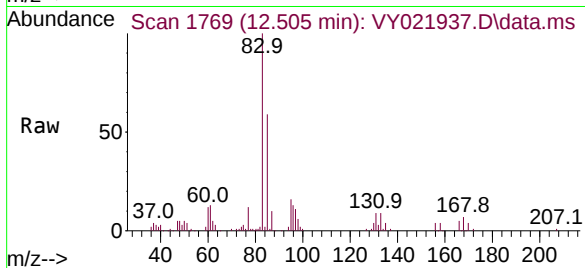




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.049 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

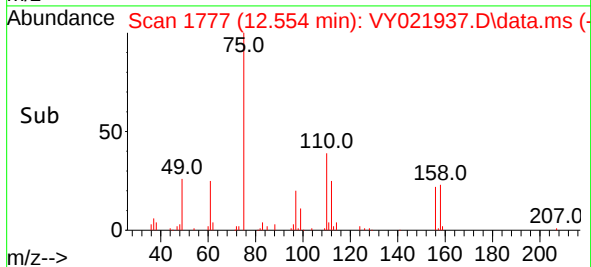
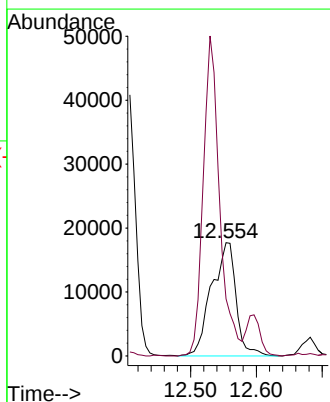
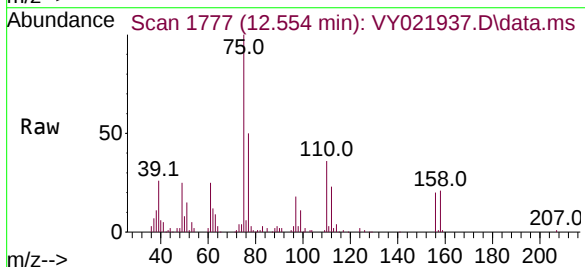
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

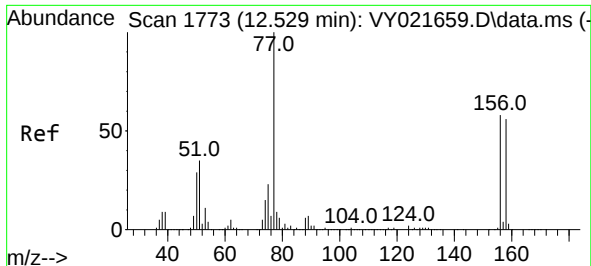
Tgt Ion: 83 Resp: 33556
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 61.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.342 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion: 75 Resp: 46013
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

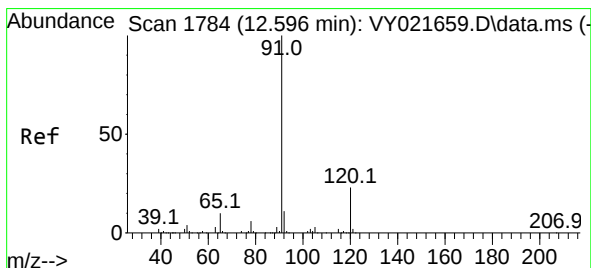
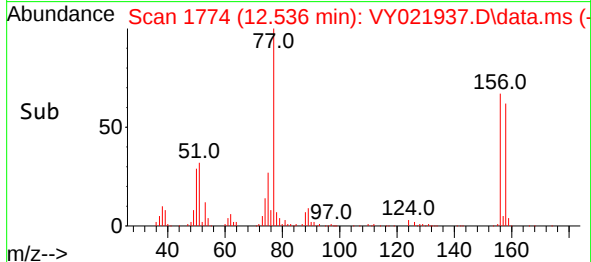
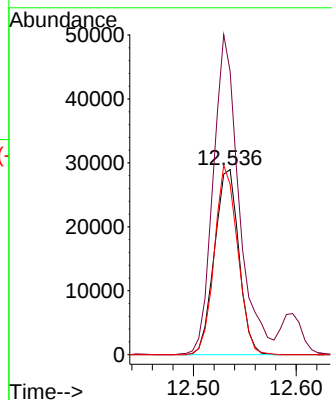
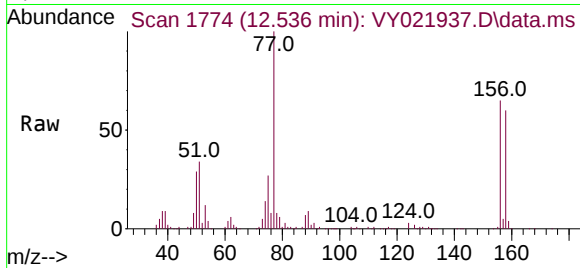




#77
Bromobenzene
Concen: 19.217 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

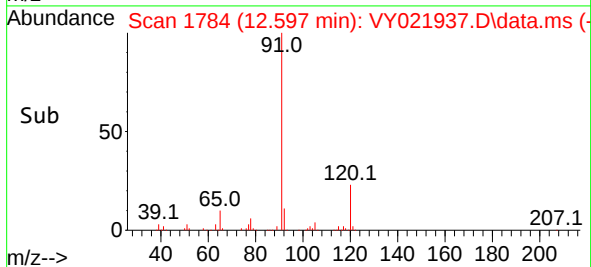
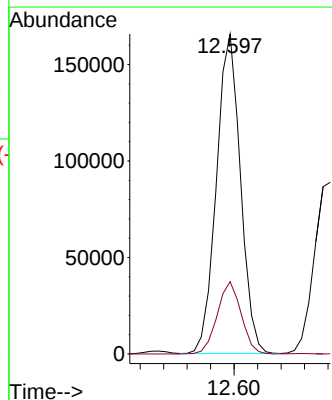
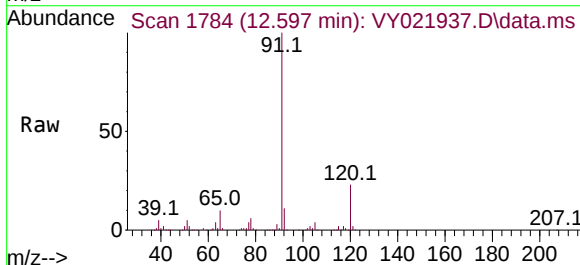
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

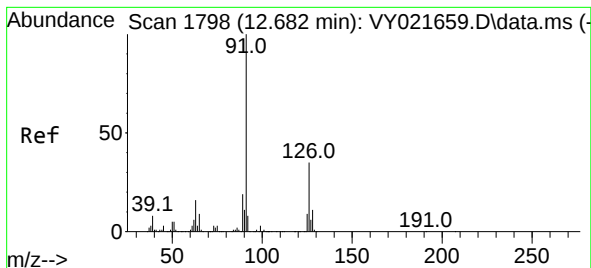
Tgt Ion:156 Resp: 47710
Ion Ratio Lower Upper
156 100
77 183.4 92.8 278.3
158 97.6 48.5 145.6



#78
n-propylbenzene
Concen: 18.883 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 91 Resp: 234746
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

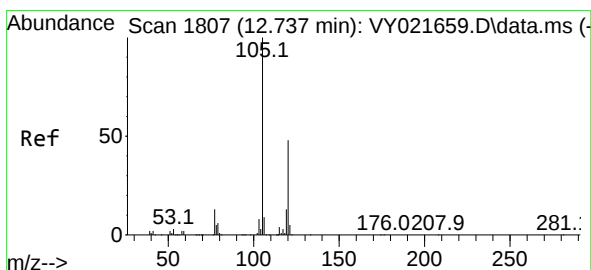
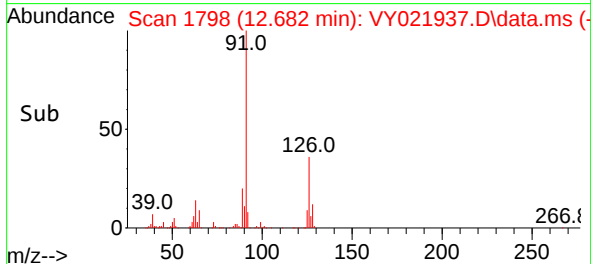
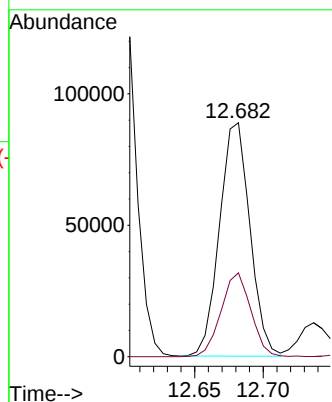
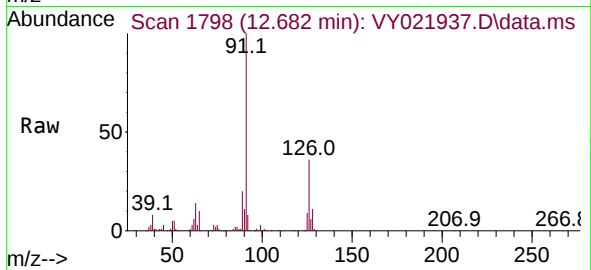




#79
2-Chlorotoluene
Concen: 19.035 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

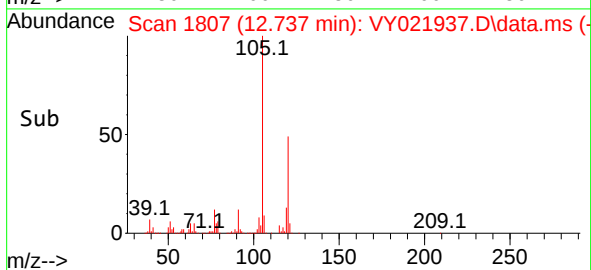
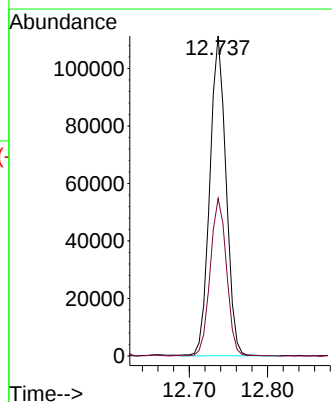
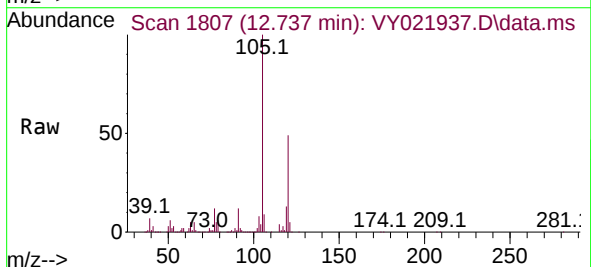
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

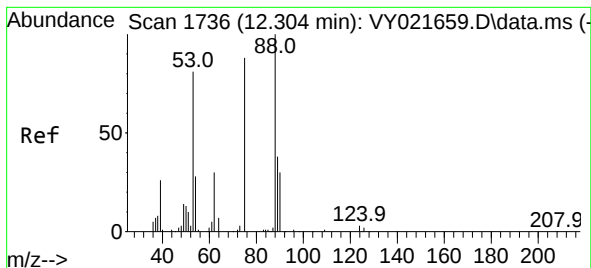
Tgt Ion: 91 Resp: 137447
Ion Ratio Lower Upper
91 100
126 35.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 18.874 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 105 Resp: 159505
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

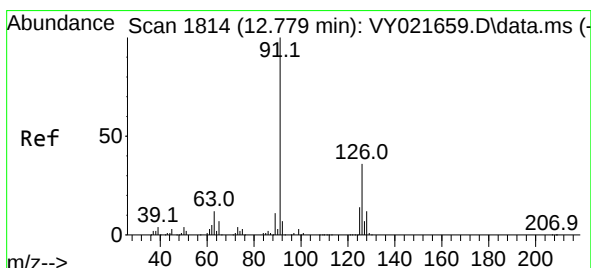
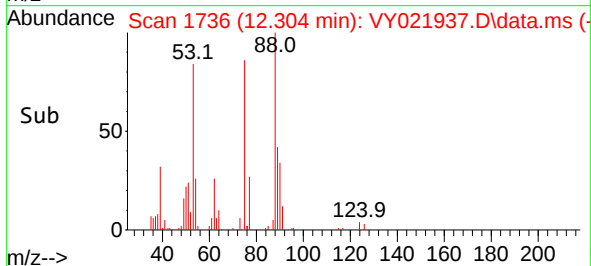
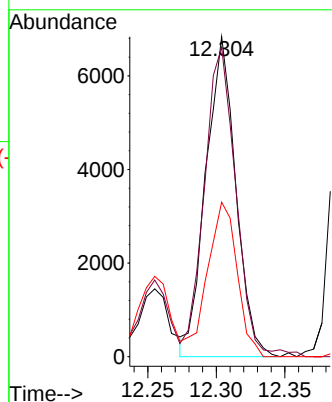
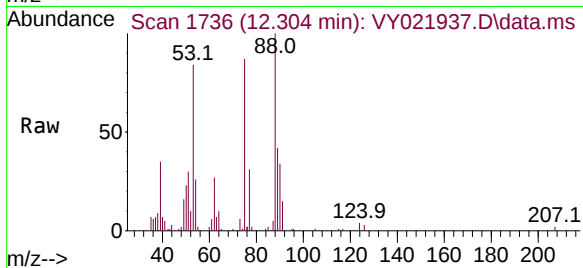




#81
trans-1,4-Dichloro-2-butene
Concen: 17.281 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

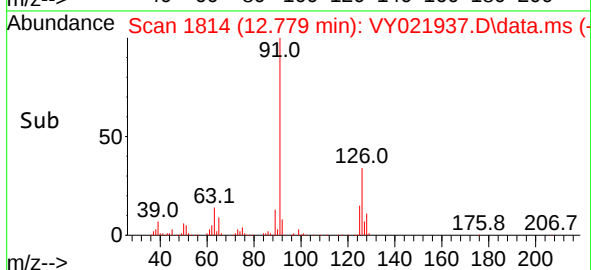
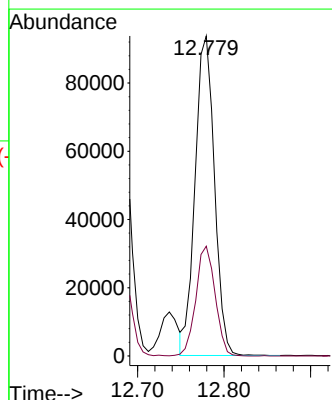
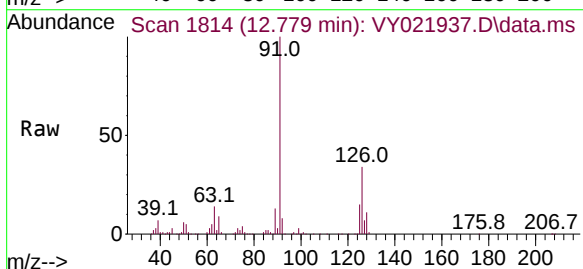
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

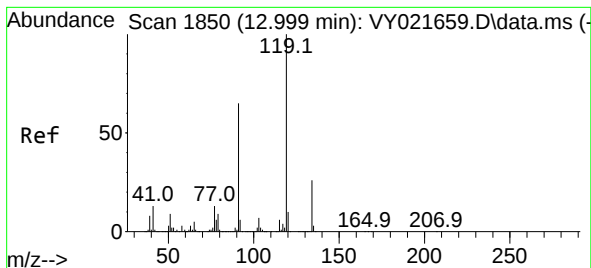
Tgt Ion: 75 Resp: 10350
Ion Ratio Lower Upper
75 100
53 102.1 76.1 114.1
89 48.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.280 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 91 Resp: 145134
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.346 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

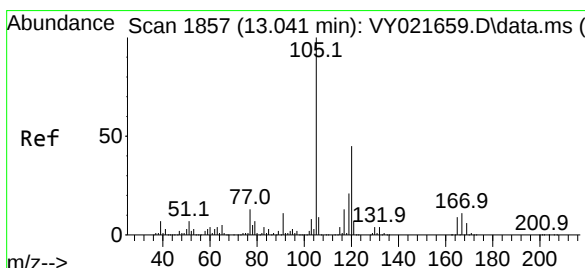
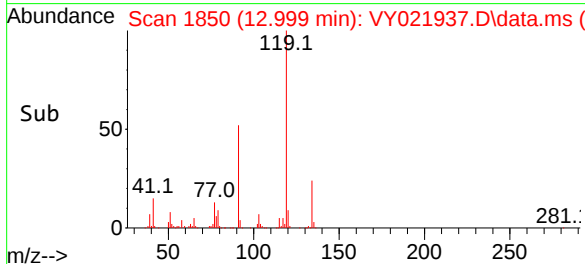
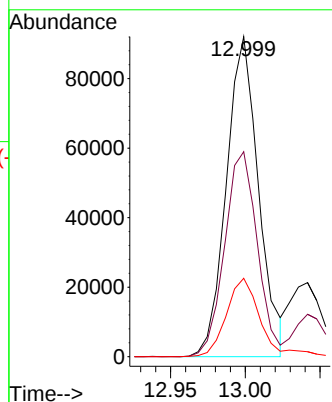
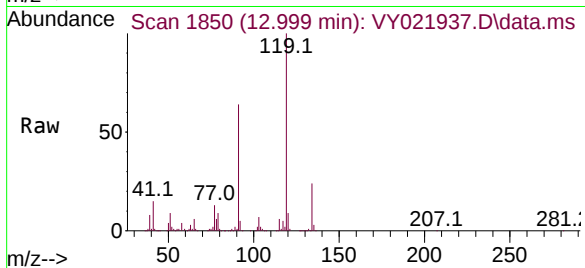
Tgt Ion:119 Resp: 138100

Ion Ratio Lower Upper

119 100

91 64.9 32.6 97.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.130 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021937.D

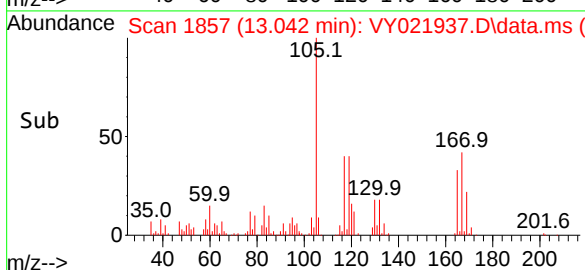
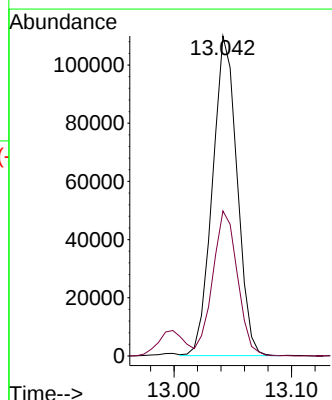
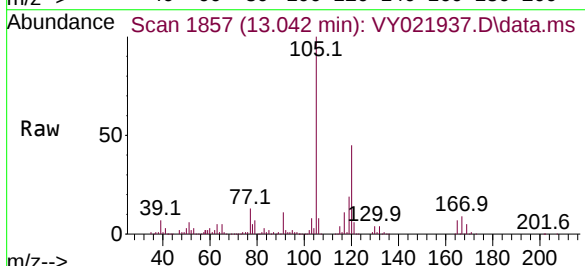
Acq: 21 Apr 2025 10:18

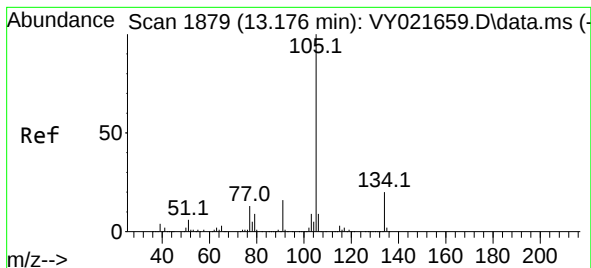
Tgt Ion:105 Resp: 159792

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

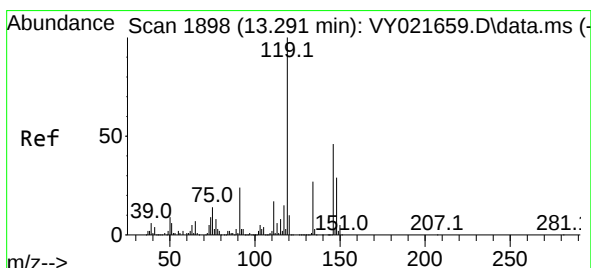
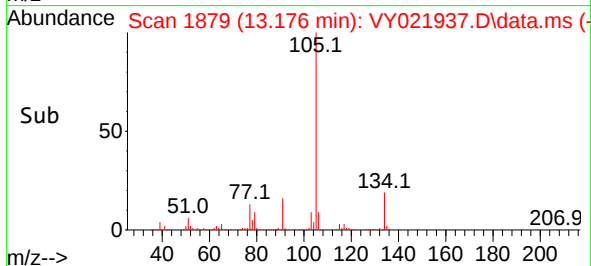
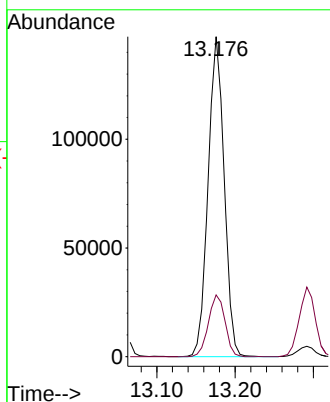
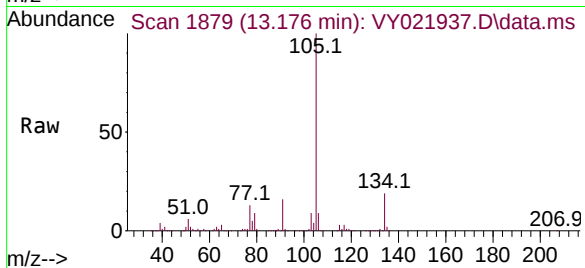




#85
 sec-Butylbenzene
 Concen: 19.042 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

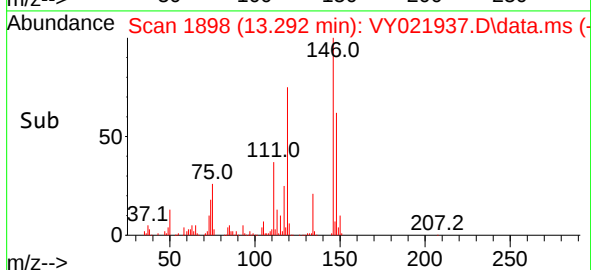
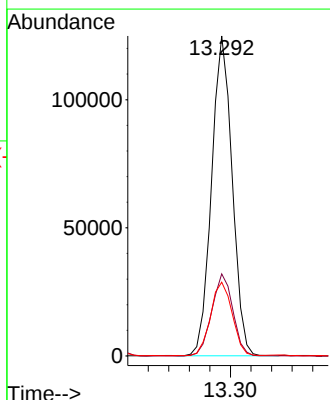
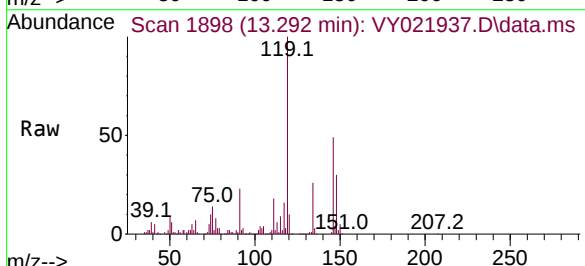
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

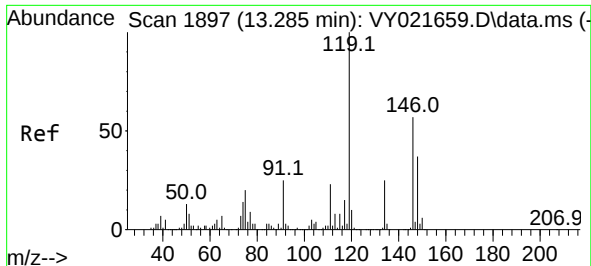
Tgt Ion:105 Resp: 209471
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.114 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion:119 Resp: 173788
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.2 12.0 36.0

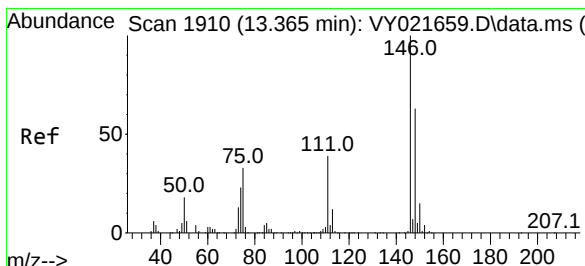
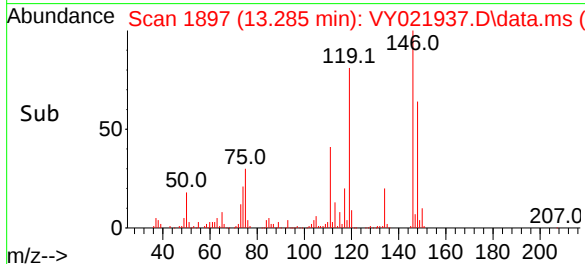
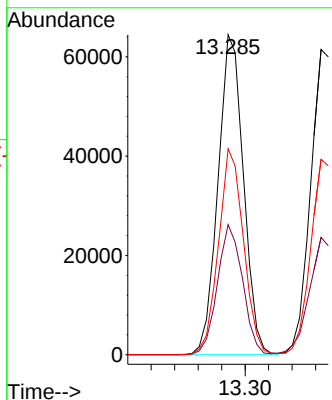
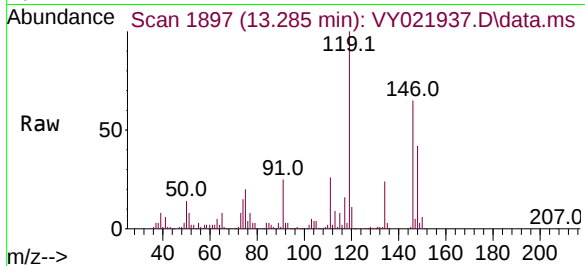




#87
 1,3-Dichlorobenzene
 Concen: 19.806 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

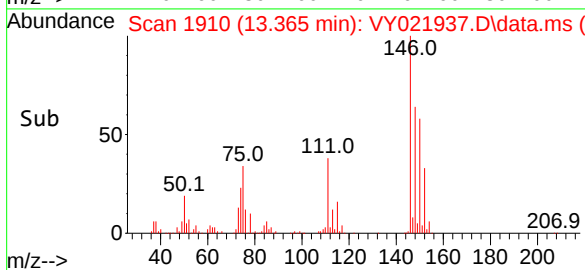
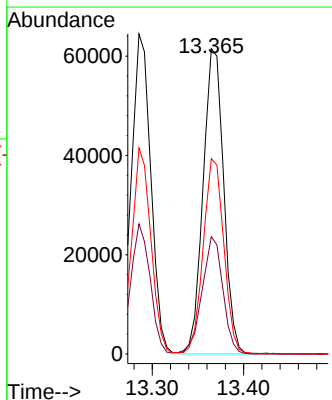
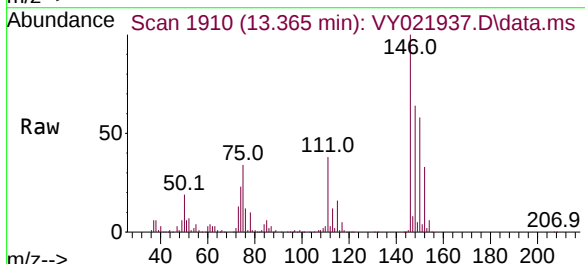
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

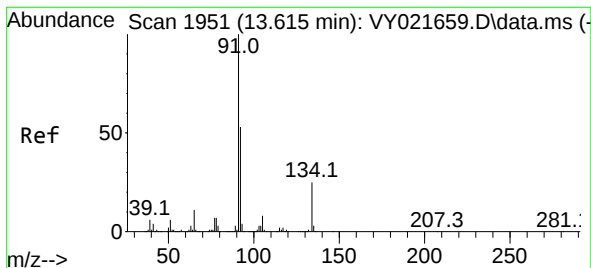
Tgt Ion:146 Resp: 96878
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.887 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021937.D
 Acq: 21 Apr 2025 10:18

Tgt Ion:146 Resp: 96108
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 18.539 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021937.D

Acq: 21 Apr 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

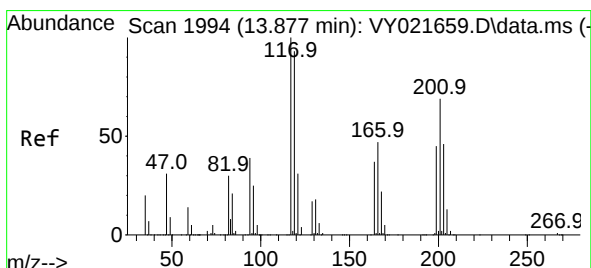
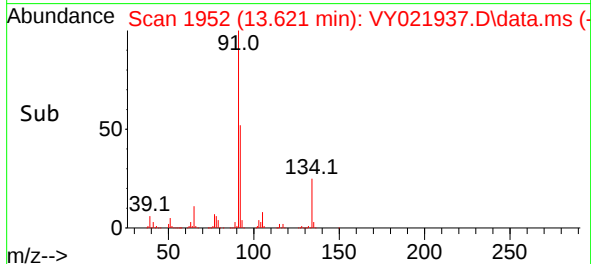
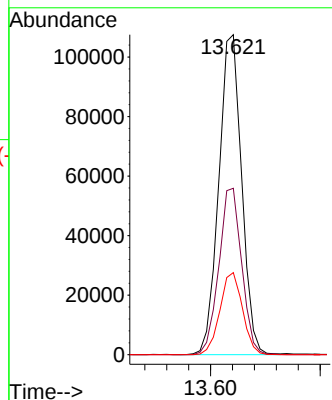
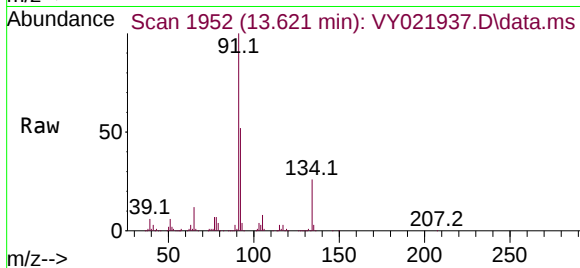
Tgt Ion: 91 Resp: 155886

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 25.4 12.8 38.4



#90

Hexachloroethane

Concen: 19.456 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021937.D

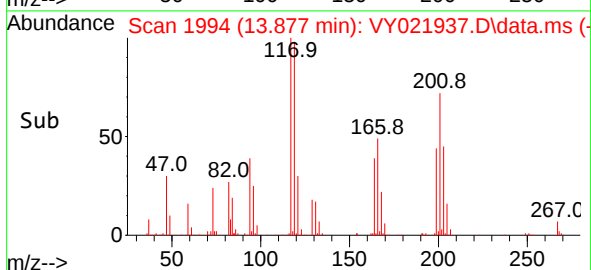
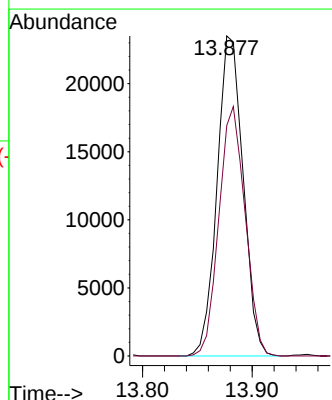
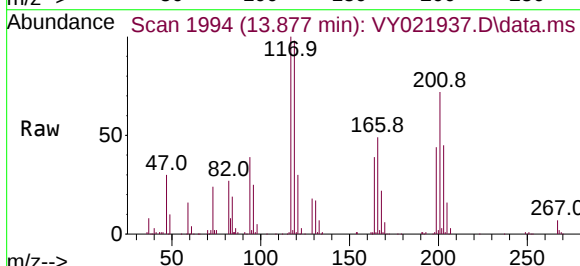
Acq: 21 Apr 2025 10:18

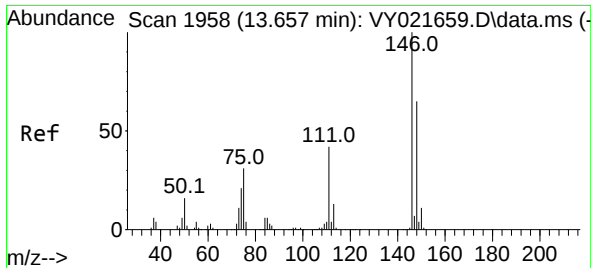
Tgt Ion: 117 Resp: 38765

Ion Ratio Lower Upper

117 100

201 78.4 37.4 112.1

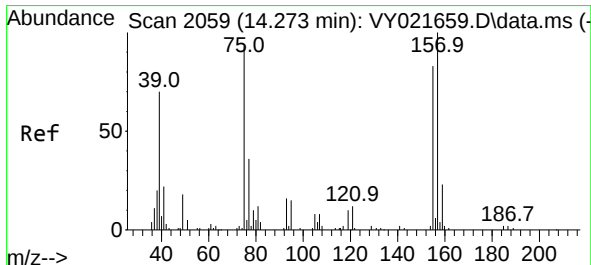
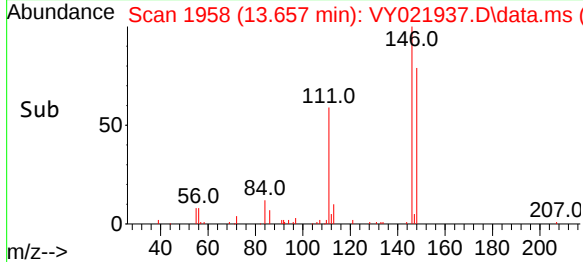
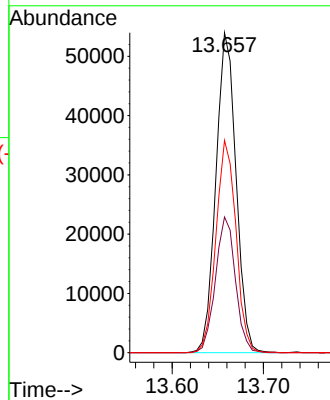
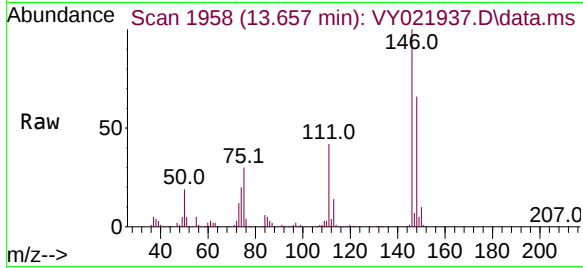




#91
1,2-Dichlorobenzene
Concen: 19.454 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

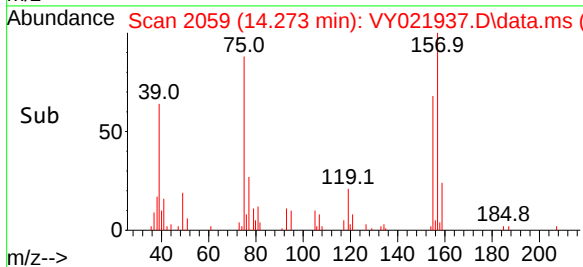
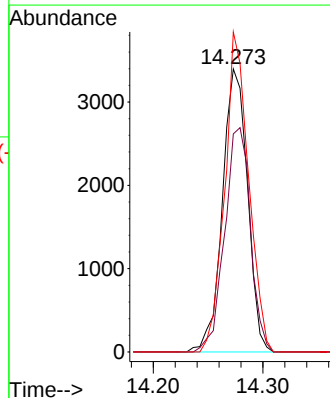
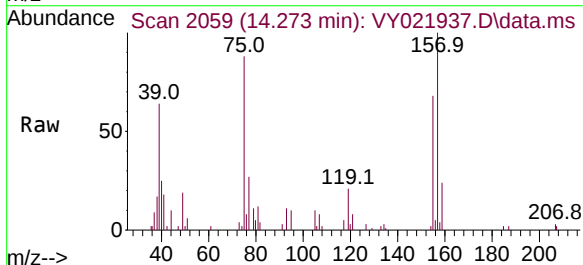
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

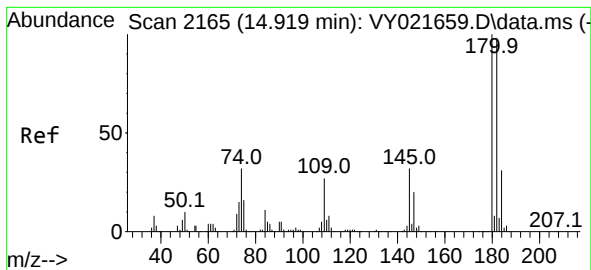
Tgt Ion:146 Resp: 82836
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 66.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.723 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion: 75 Resp: 5395
Ion Ratio Lower Upper
75 100
155 81.7 43.0 128.8
157 107.9 54.0 162.0

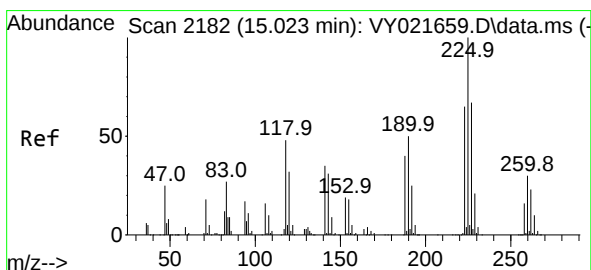
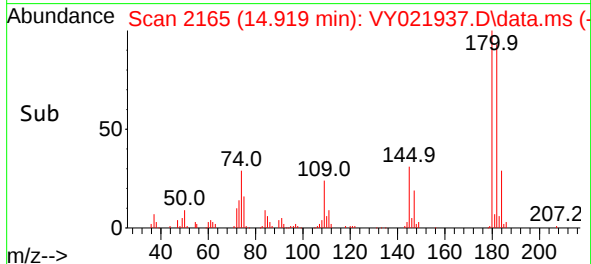
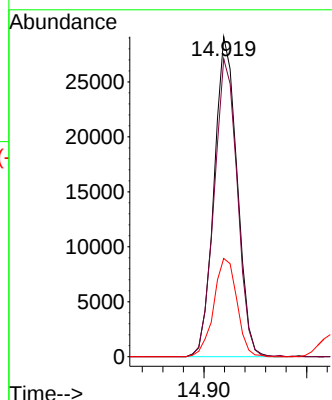
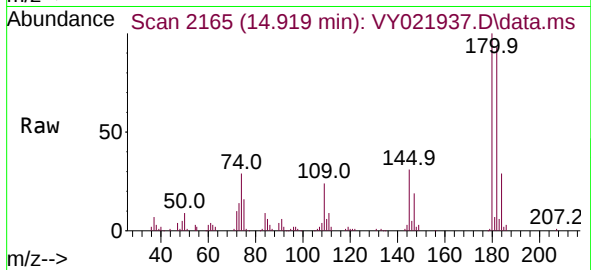




#93
1,2,4-Trichlorobenzene
Concen: 19.462 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

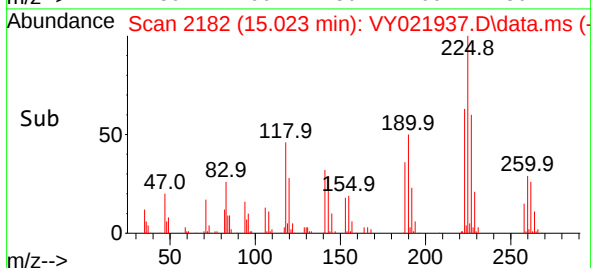
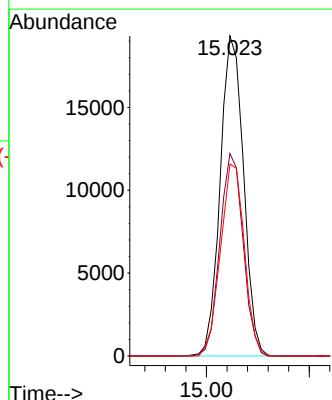
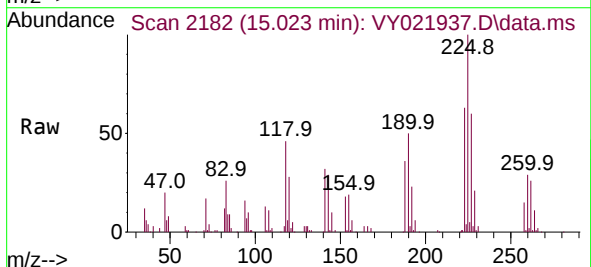
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

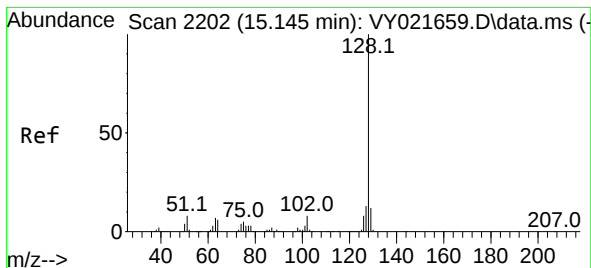
Tgt Ion:180 Resp: 44941
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.6
145 31.0 14.9 44.9



#94
Hexachlorobutadiene
Concen: 21.079 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion:225 Resp: 30399
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 61.3 32.4 97.0

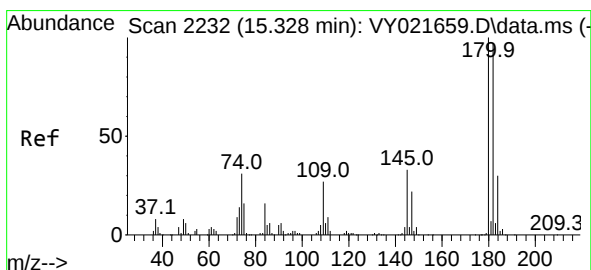
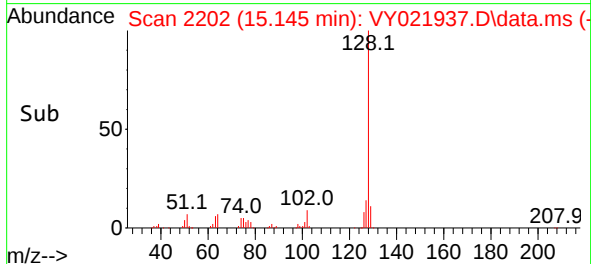
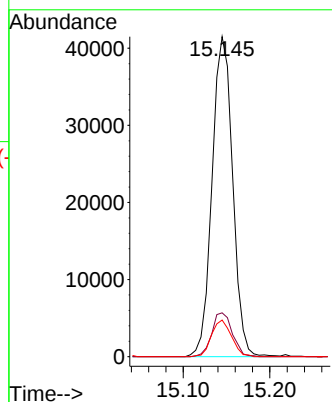
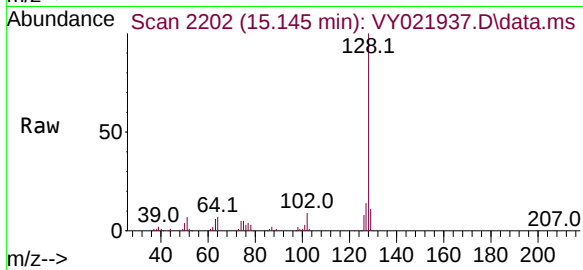




#95
Naphthalene
Concen: 17.912 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tgt Ion:128	Resp:	68557
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.8 16.2
129	11.1	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.349 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021937.D
Acq: 21 Apr 2025 10:18

Tgt Ion:180	Resp:	40069
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.5 142.5
145	30.9	15.9 47.7

