

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021868.D
 Acq On : 14 Apr 2025 11:28
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Quant Time: Apr 14 23:30:35 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	220948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	341870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	307573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118162	49.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.720%
35) Dibromofluoromethane	7.634	113	115201	51.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	429391	50.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.408	95	148553	52.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	40685	17.766	ug/l	99
3) Chloromethane	2.068	50	62398	19.377	ug/l	100
4) Vinyl Chloride	2.202	62	65218	17.909	ug/l	99
5) Bromomethane	2.592	94	52723	21.227	ug/l	94
6) Chloroethane	2.732	64	44972	18.872	ug/l	100
7) Trichlorofluoromethane	3.056	101	91446	19.602	ug/l	98
8) Diethyl Ether	3.452	74	24688	19.460	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49101	19.956	ug/l	98
10) Methyl Iodide	4.001	142	53314	19.751	ug/l	99
11) Tert butyl alcohol	4.885	59	14245	91.613	ug/l	98
12) 1,1-Dichloroethene	3.787	96	44687	19.282	ug/l	92
13) Acrolein	3.653	56	11871	41.811	ug/l	96
14) Allyl chloride	4.385	41	68485	18.534	ug/l	98
15) Acrylonitrile	5.061	53	51682	97.567	ug/l	98
16) Acetone	3.879	43	42810	87.378	ug/l	97
17) Carbon Disulfide	4.104	76	134961	17.681	ug/l	98
18) Methyl Acetate	4.385	43	28372	23.366	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	113185	19.617	ug/l	98
20) Methylene Chloride	4.610	84	55745	21.010	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	48535	19.021	ug/l	97
22) Diisopropyl ether	6.018	45	154961	19.991	ug/l	99
23) Vinyl Acetate	5.964	43	418271	92.240	ug/l	97
24) 1,1-Dichloroethane	5.915	63	90562	19.539	ug/l	100
25) 2-Butanone	6.896	43	63491	90.729	ug/l	98
26) 2,2-Dichloropropane	6.884	77	79379	19.253	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	56272	19.610	ug/l	98
28) Bromochloromethane	7.250	49	38178	19.531	ug/l	95
29) Tetrahydrofuran	7.262	42	41400	91.924	ug/l	97
30) Chloroform	7.421	83	97438	20.212	ug/l	96
31) Cyclohexane	7.701	56	75500	17.869	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	87194	20.012	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65011	19.246	ug/l	98
37) Ethyl Acetate	6.988	43	31382	19.686	ug/l	99
38) Carbon Tetrachloride	7.817	117	77949	20.148	ug/l	97
39) Methylcyclohexane	9.109	83	74458	18.452	ug/l	92
40) Benzene	8.079	78	202636	20.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14480	17.104	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	57687	20.228	ug/l	98
43) Isopropyl Acetate	8.195	43	59294	19.627	ug/l	99
44) Trichloroethene	8.866	130	53423	20.727	ug/l	99
45) 1,2-Dichloropropane	9.140	63	49064	20.491	ug/l	99
46) Dibromomethane	9.231	93	27862	20.190	ug/l	97
47) Bromodichloromethane	9.420	83	73302	20.500	ug/l	98
48) Methyl methacrylate	9.219	41	26721	19.272	ug/l	99
49) 1,4-Dioxane	9.231	88	5623	380.364	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	156400	99.483	ug/l	99
52) Toluene	10.170	92	129373	20.499	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	62426	19.655	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	75003	20.017	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	37330	21.021	ug/l	96
56) Ethyl methacrylate	10.438	69	43814	19.322	ug/l	98
57) 1,3-Dichloropropane	10.719	76	62142	20.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	117431	106.156	ug/l	97
59) 2-Hexanone	10.762	43	101470	96.914	ug/l	100
60) Dibromochloromethane	10.908	129	51389	21.194	ug/l	99
61) 1,2-Dibromoethane	11.018	107	34345	20.616	ug/l	95
64) Tetrachloroethene	10.646	164	60947	21.757	ug/l	95
65) Chlorobenzene	11.444	112	141877	20.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	51312	20.512	ug/l	99
67) Ethyl Benzene	11.517	91	237188	19.618	ug/l	99
68) m/p-Xylenes	11.627	106	185803	40.133	ug/l	99
69) o-Xylene	11.956	106	84247	19.714	ug/l	99
70) Styrene	11.969	104	143469	20.135	ug/l	99
71) Bromoform	12.133	173	30412	21.313	ug/l #	99
73) Isopropylbenzene	12.255	105	227543	18.778	ug/l	100
74) N-amyl acetate	12.072	43	49237	17.313	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40877	18.763	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	55088	34.064	ug/l #	100
77) Bromobenzene	12.536	156	56597	19.453	ug/l	97
78) n-propylbenzene	12.597	91	278494	19.117	ug/l	98
79) 2-Chlorotoluene	12.682	91	162817	19.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	189264	19.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12729	18.136	ug/l	96
82) 4-Chlorotoluene	12.779	91	169524	19.217	ug/l	99
83) tert-Butylbenzene	12.999	119	163654	18.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	192330	19.649	ug/l	99
85) sec-Butylbenzene	13.176	105	248722	19.294	ug/l	100
86) p-Isopropyltoluene	13.292	119	205324	19.271	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	114903	20.046	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	115625	20.417	ug/l	98
89) n-Butylbenzene	13.621	91	188317	19.112	ug/l	99
90) Hexachloroethane	13.883	117	45320	19.411	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	101007	20.243	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6983	20.680	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	58389	21.578	ug/l	99
94) Hexachlorobutadiene	15.023	225	36060	21.338	ug/l	99
95) Naphthalene	15.145	128	95010	21.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	49817	21.589	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

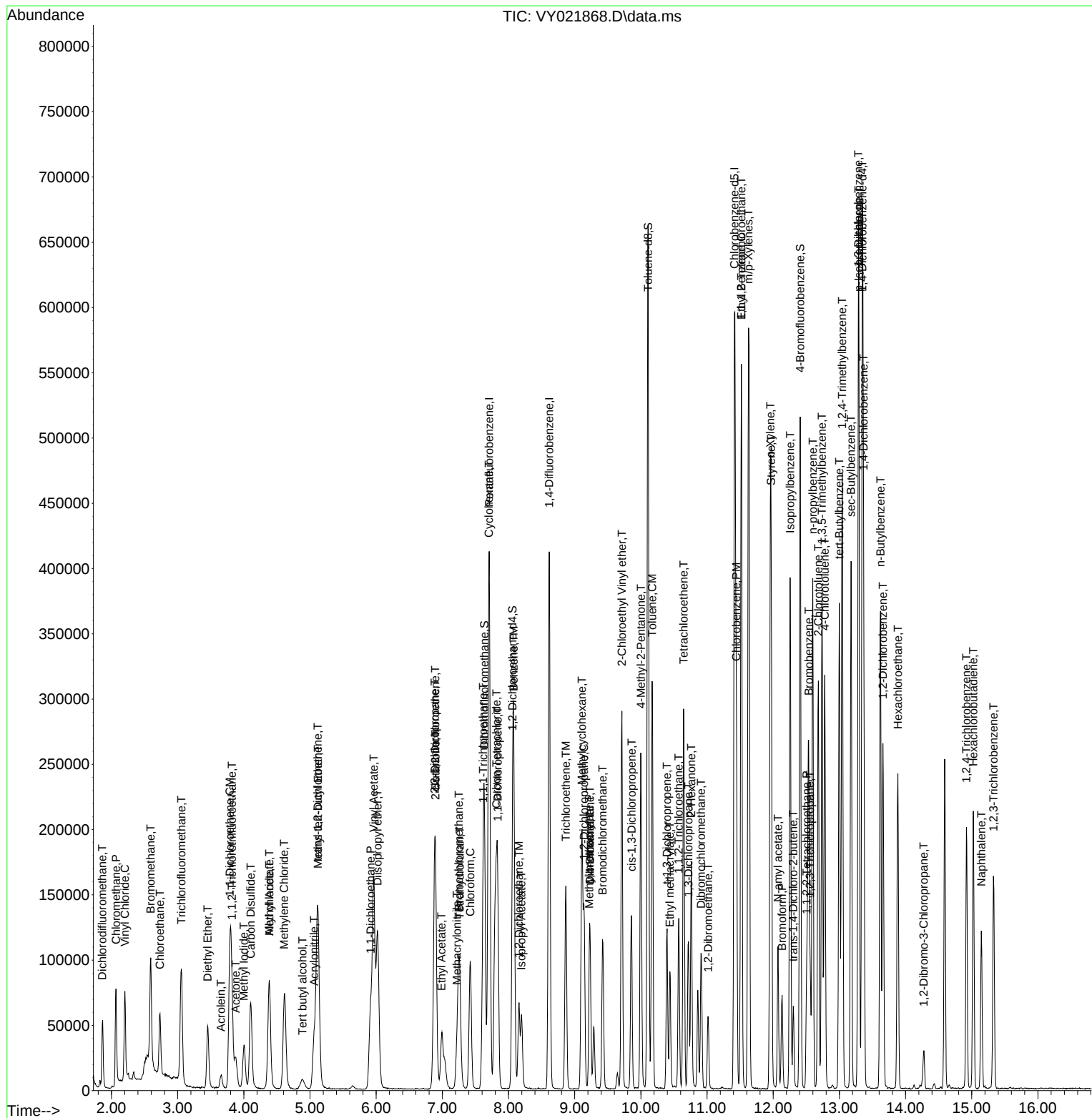
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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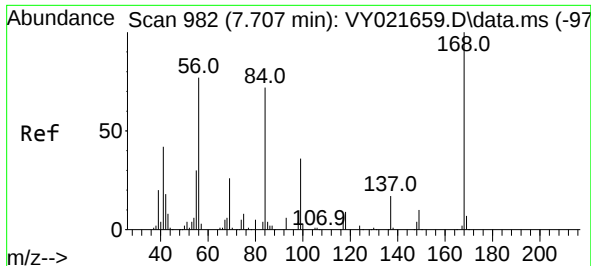
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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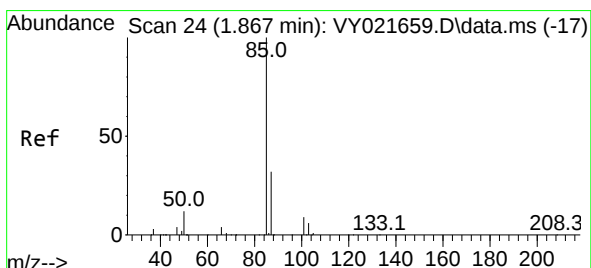
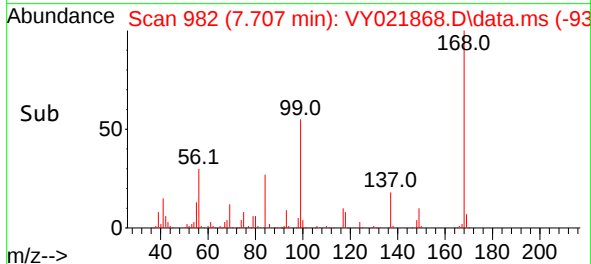
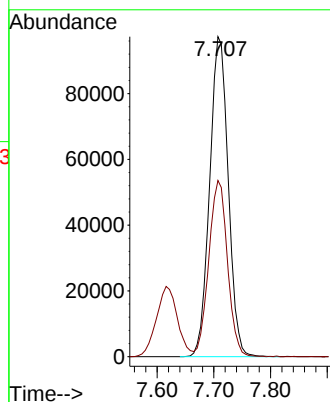
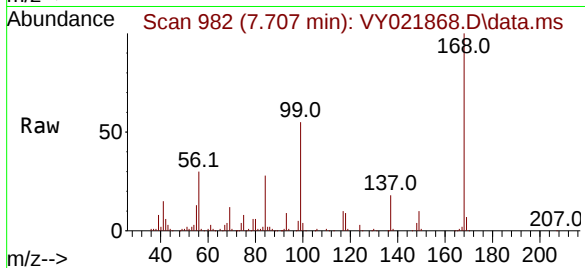




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021868.D
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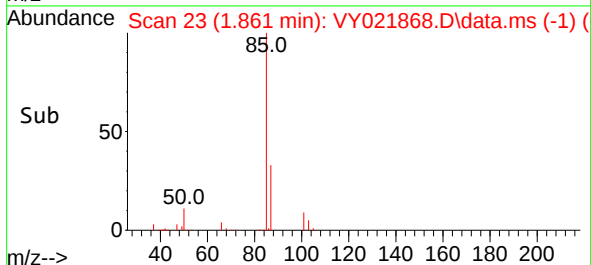
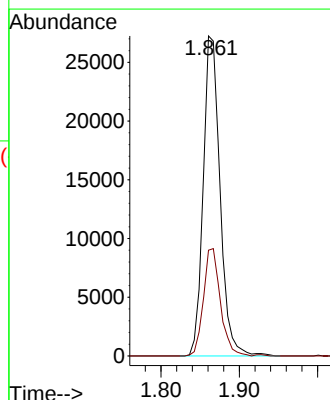
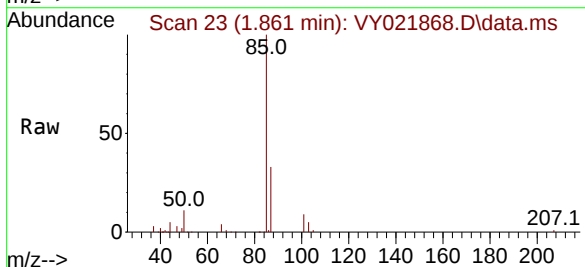
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

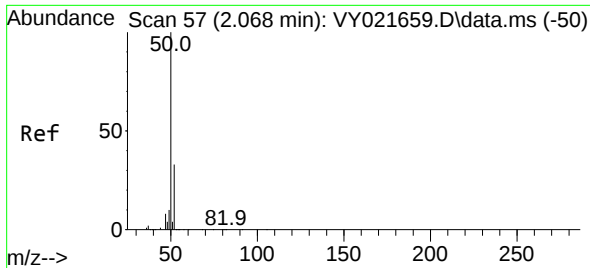
Tgt Ion:168 Resp: 220948
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.766 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 85 Resp: 40685
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

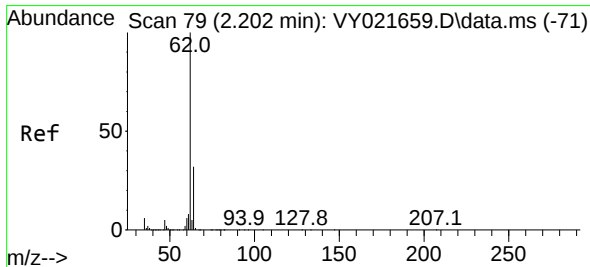
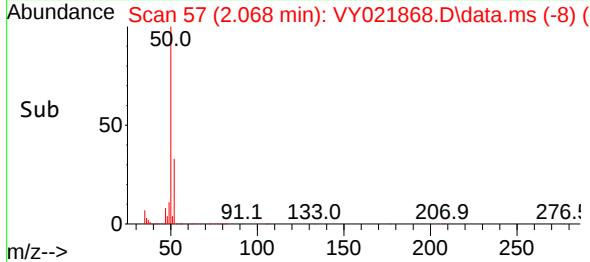
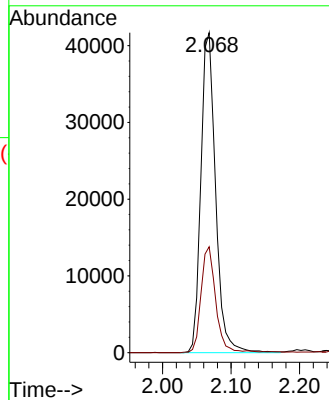
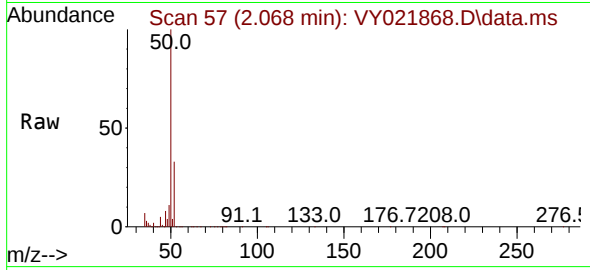




#3
Chloromethane
Concen: 19.377 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

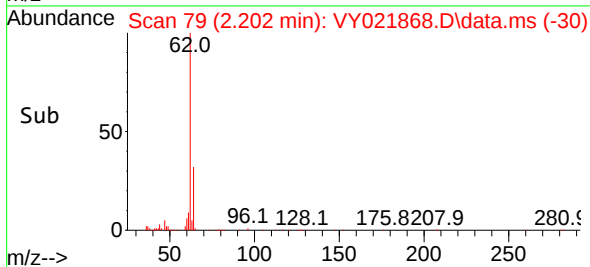
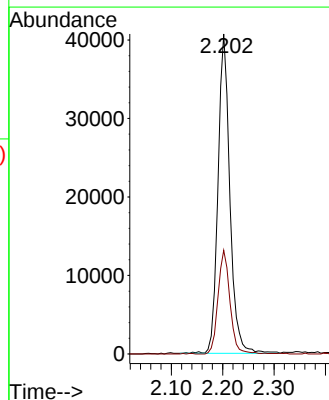
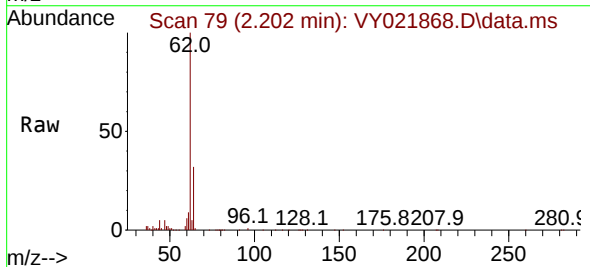
Instrument :
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ClientSampleId :
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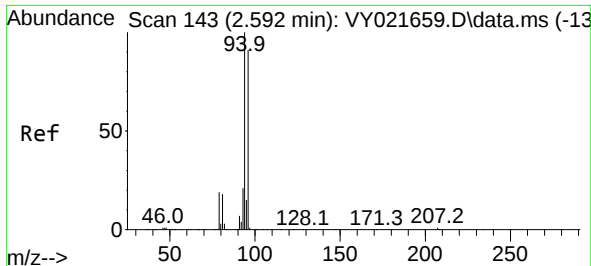
Tgt Ion: 50 Resp: 62398
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 17.909 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 62 Resp: 65218
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3

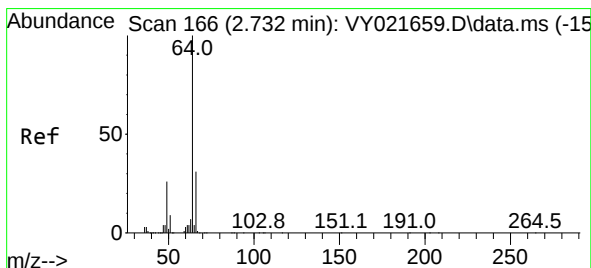
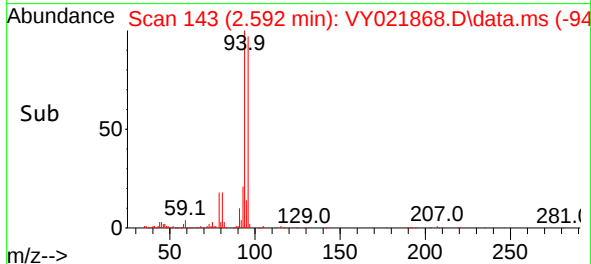
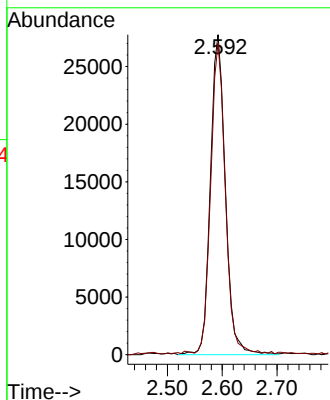
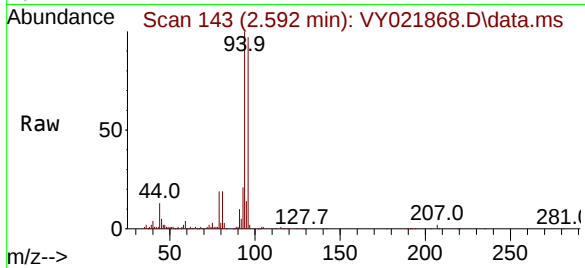




#5
Bromomethane
Concen: 21.227 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021868.D
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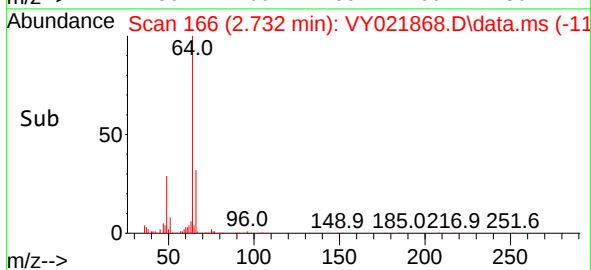
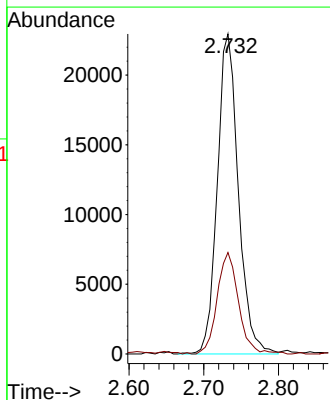
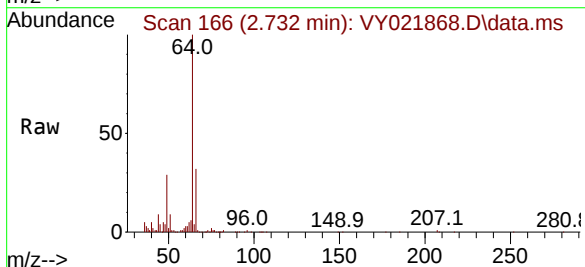
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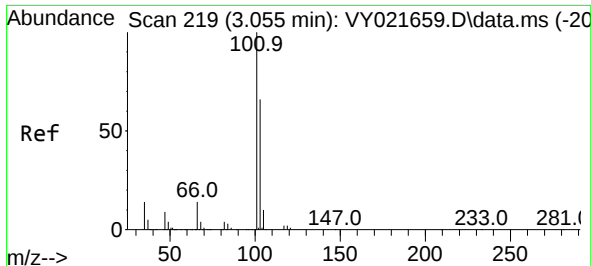
Tgt Ion: 94 Resp: 52723
Ion Ratio Lower Upper
94 100
96 96.7 72.8 109.2



#6
Chloroethane
Concen: 18.872 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021868.D
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Tgt Ion: 64 Resp: 44972
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3

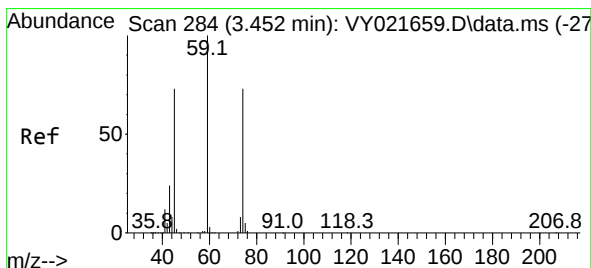
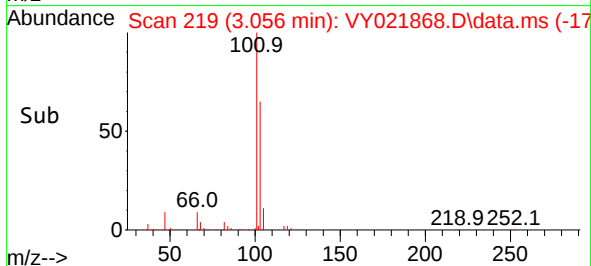
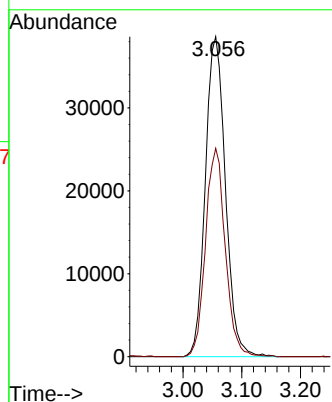
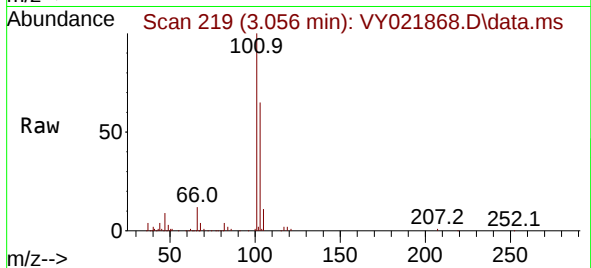




#7
 Trichlorofluoromethane
 Concen: 19.602 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021868.D
 Acq: 14 Apr 2025 11:28

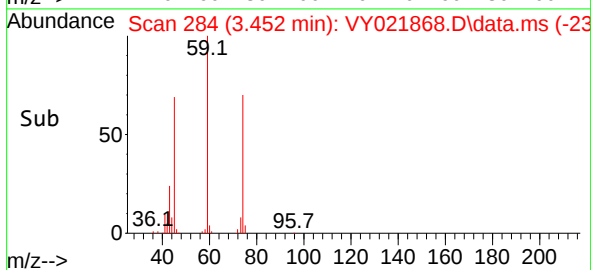
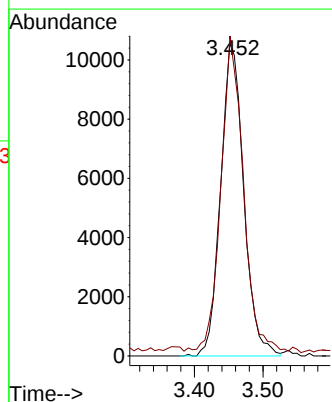
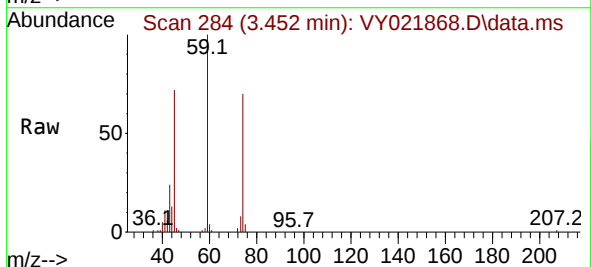
Instrument :
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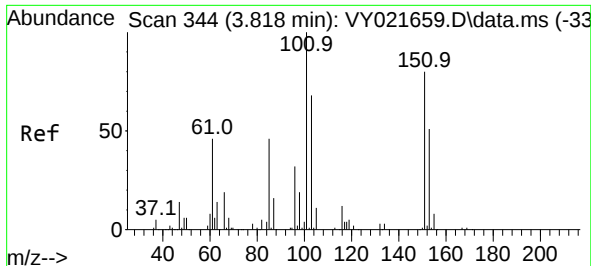
Tgt Ion:101 Resp: 91446
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.460 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021868.D
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Tgt Ion: 74 Resp: 24688
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.6 145.8

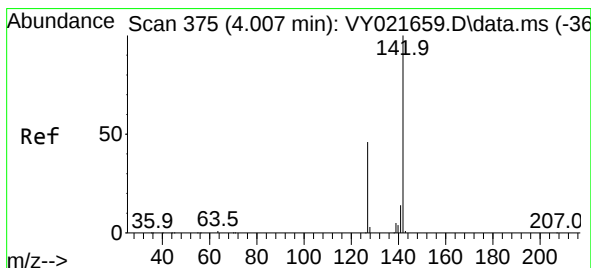
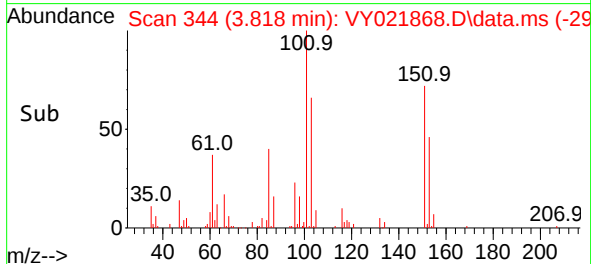
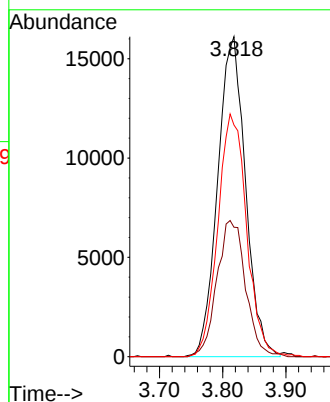
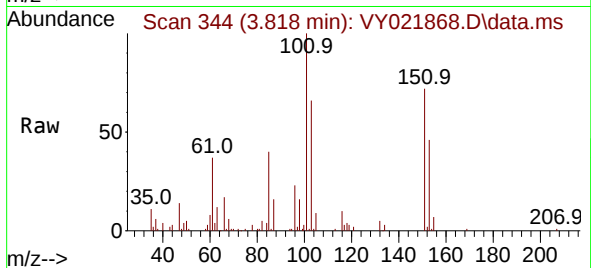




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.956 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

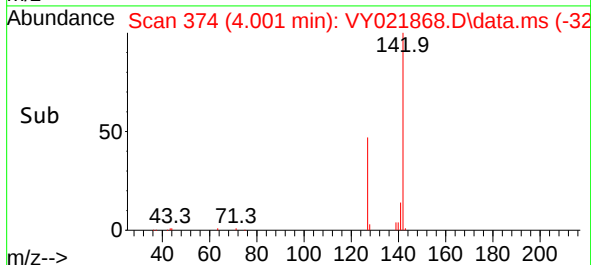
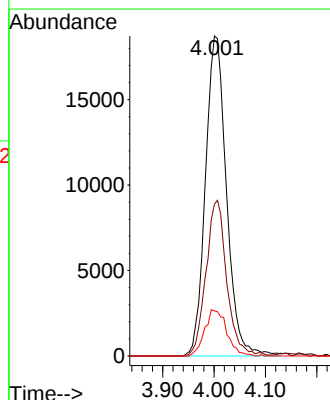
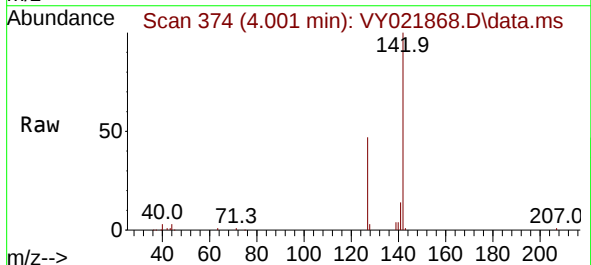
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

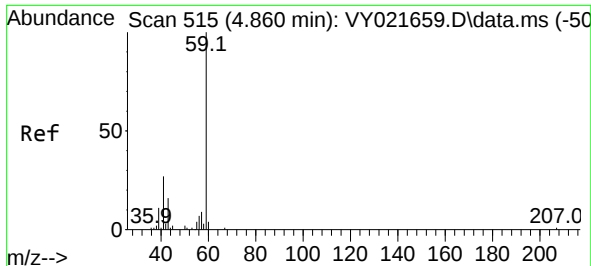
Tgt Ion:101 Resp: 49101
Ion Ratio Lower Upper
101 100
85 43.8 36.3 54.5
151 78.6 61.3 91.9



#10
Methyl Iodide
Concen: 19.751 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

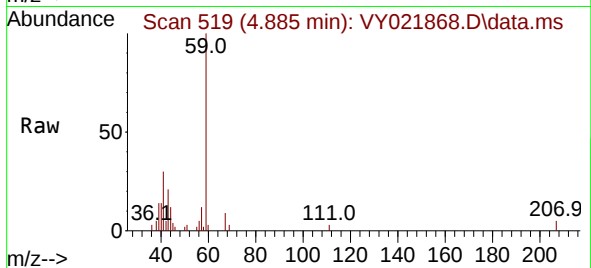
Tgt Ion:142 Resp: 53314
Ion Ratio Lower Upper
142 100
127 47.9 38.7 58.1
141 15.1 11.5 17.3



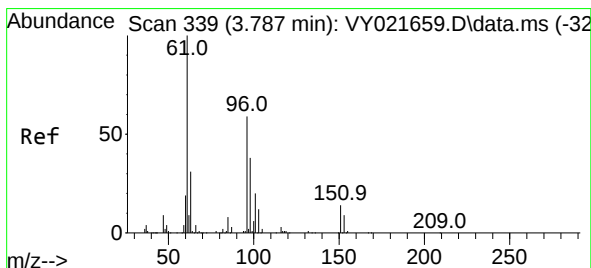
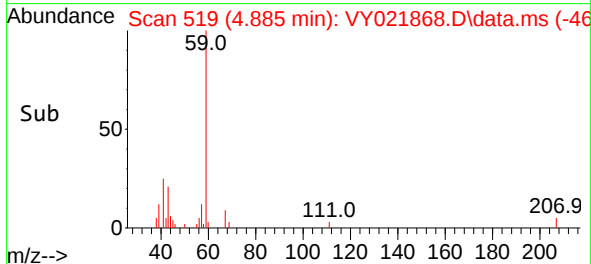
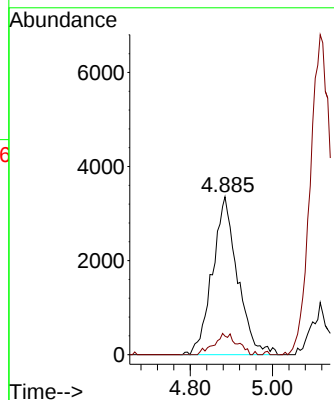


#11
Tert butyl alcohol
Concen: 91.613 ug/l
RT: 4.885 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

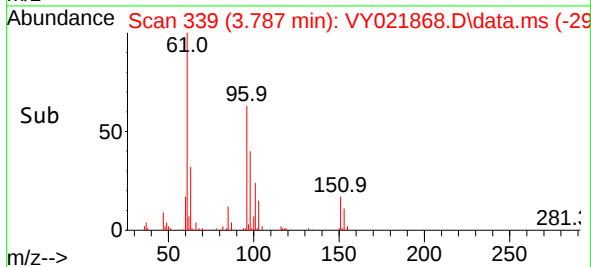
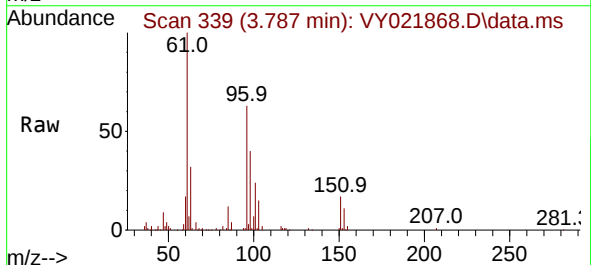
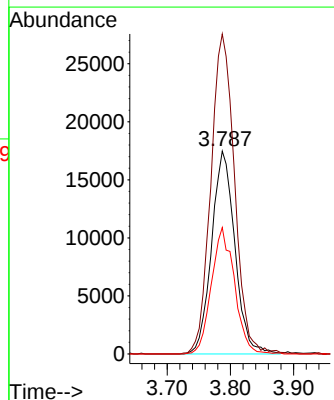


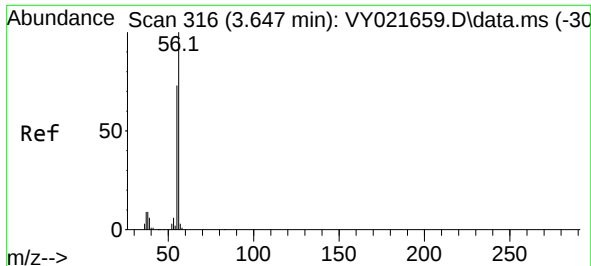
Tgt Ion: 59 Resp: 14245
Ion Ratio Lower Upper
59 100
57 12.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.282 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 96 Resp: 44687
Ion Ratio Lower Upper
96 100
61 157.7 136.6 204.8
98 62.3 52.3 78.5

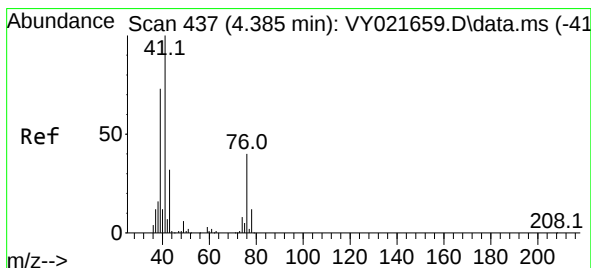
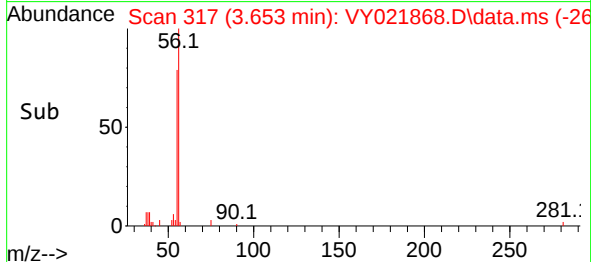
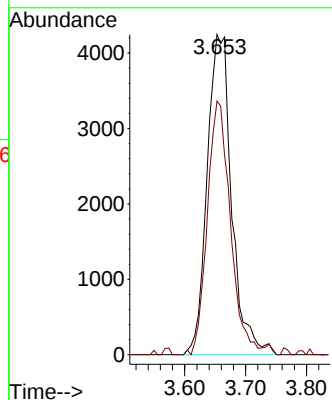
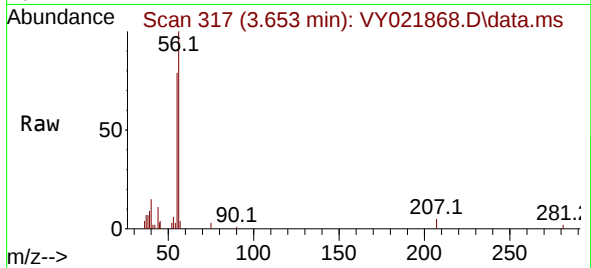




#13
Acrolein
Concen: 41.811 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

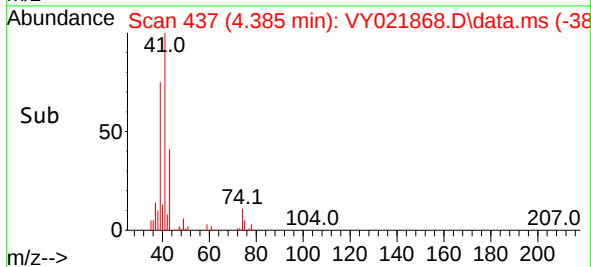
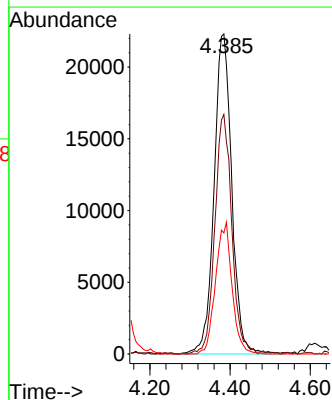
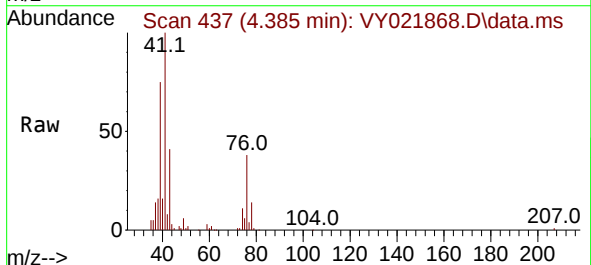
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

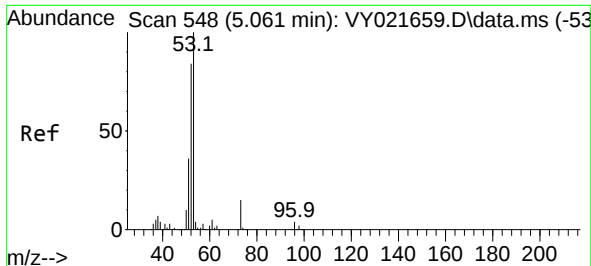
Tgt Ion: 56 Resp: 11871
Ion Ratio Lower Upper
56 100
55 74.4 56.6 85.0



#14
Allyl chloride
Concen: 18.534 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 41 Resp: 68485
Ion Ratio Lower Upper
41 100
39 71.5 58.6 88.0
76 38.2 30.3 45.5

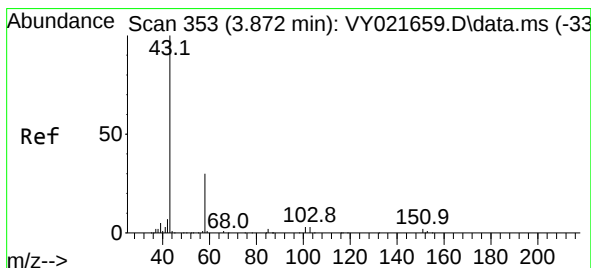
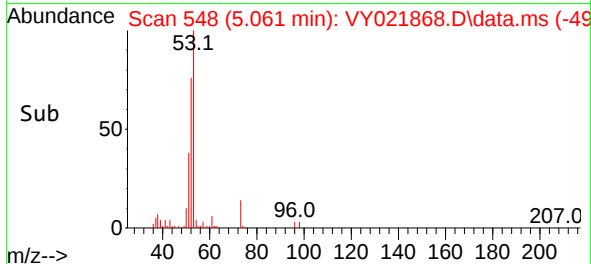
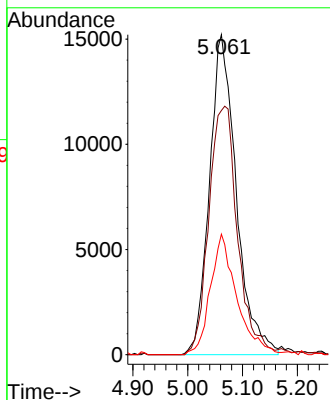
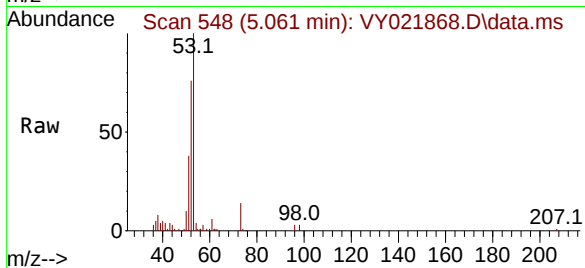




#15
Acrylonitrile
Concen: 97.567 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

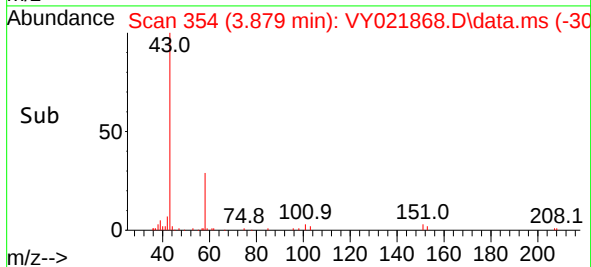
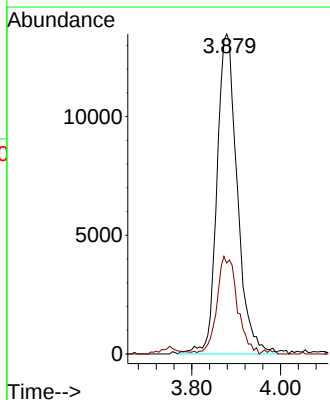
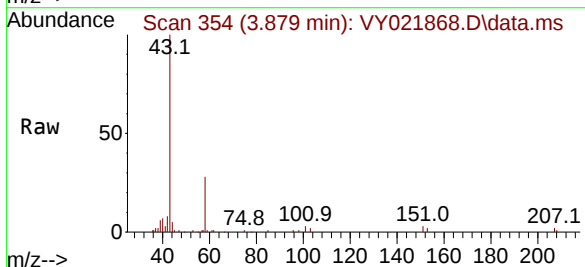
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

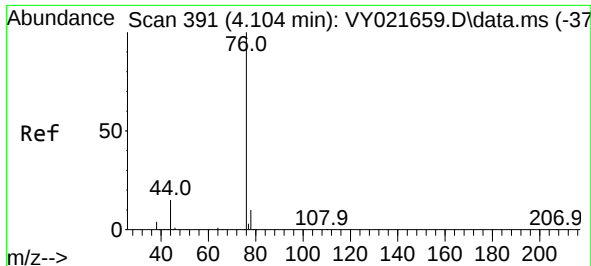
Tgt Ion: 53 Resp: 51682
Ion Ratio Lower Upper
53 100
52 82.8 64.9 97.3
51 37.2 30.2 45.2



#16
Acetone
Concen: 87.378 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 43 Resp: 42810
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.4

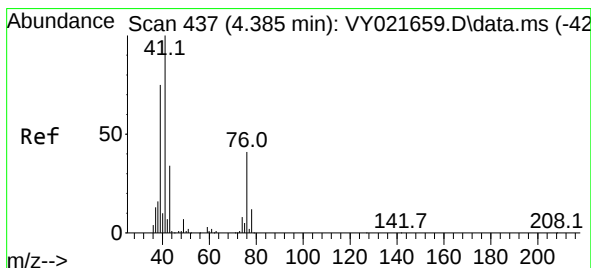
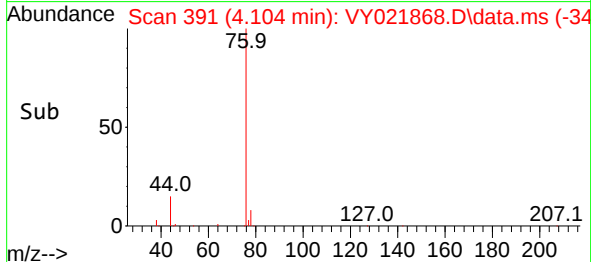
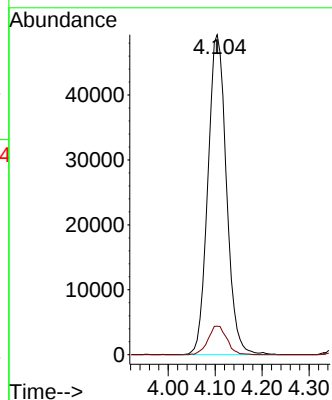
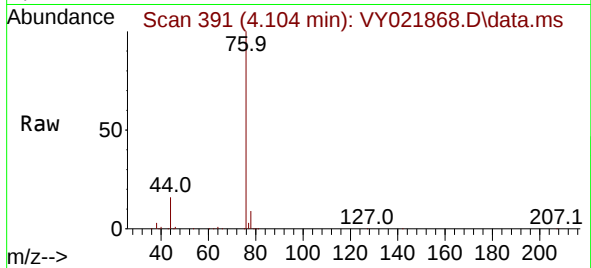




#17
Carbon Disulfide
Concen: 17.681 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

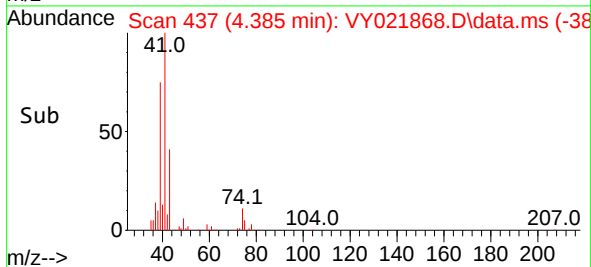
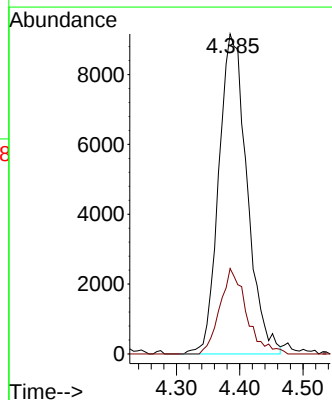
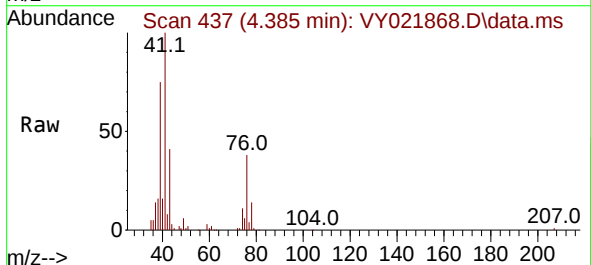
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

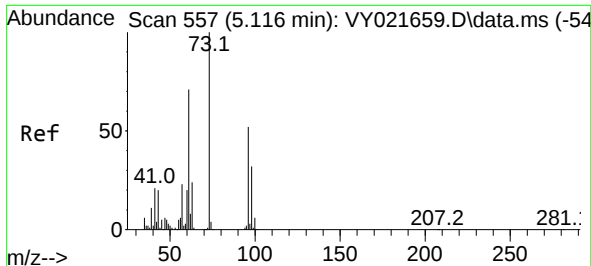
Tgt Ion: 76 Resp: 134961
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 23.366 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 43 Resp: 28372
Ion Ratio Lower Upper
43 100
74 25.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.617 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

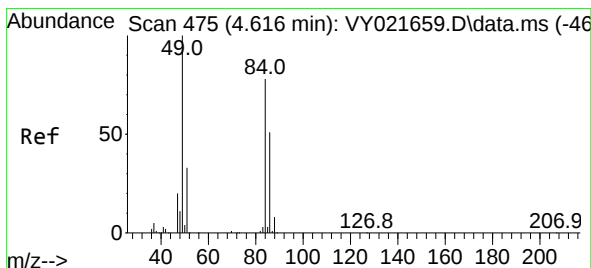
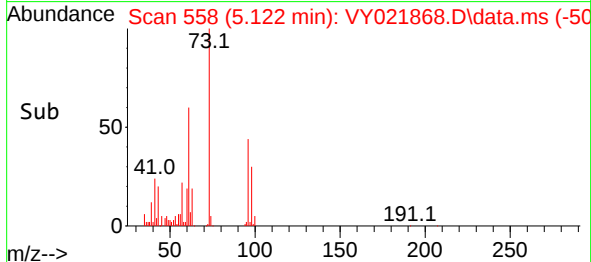
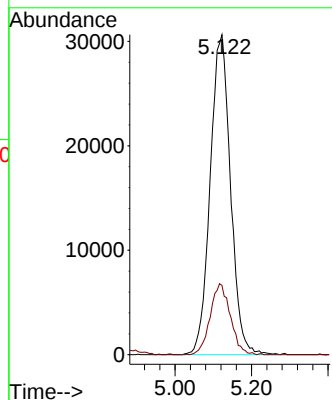
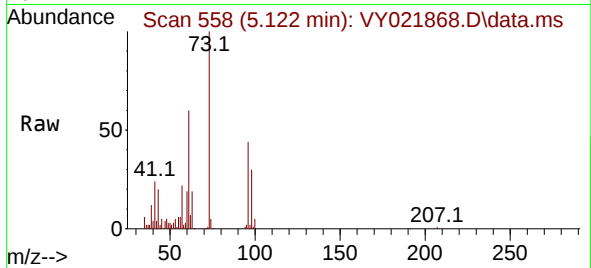
VY0414SBS01

Tgt Ion: 73 Resp: 113185

Ion Ratio Lower Upper

73 100

57 21.6 18.1 27.1



#20

Methylene Chloride

Concen: 21.010 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Tgt Ion: 84 Resp: 55745

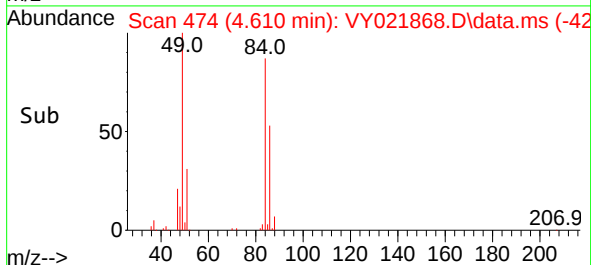
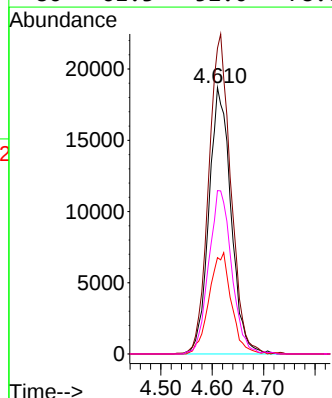
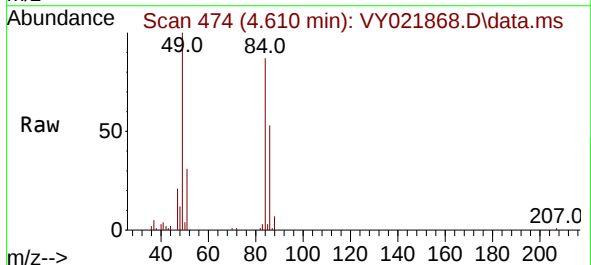
Ion Ratio Lower Upper

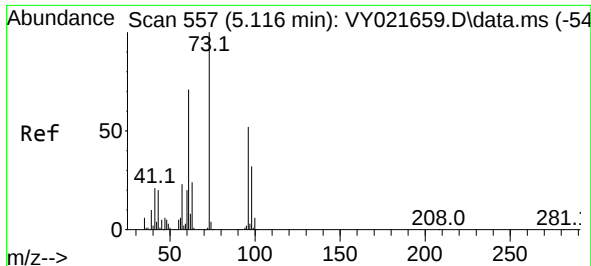
84 100

49 114.5 102.8 154.2

51 36.1 33.5 50.3

86 61.3 52.0 78.0

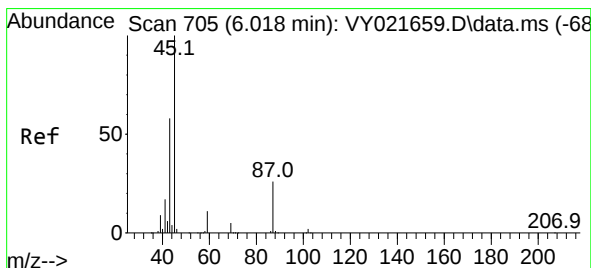
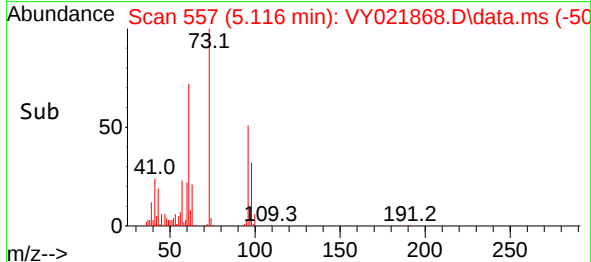
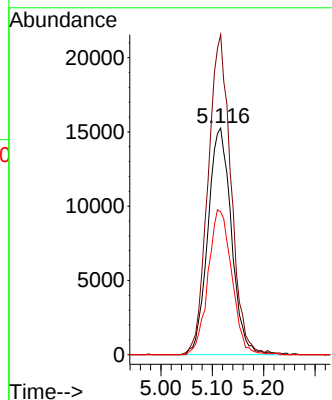
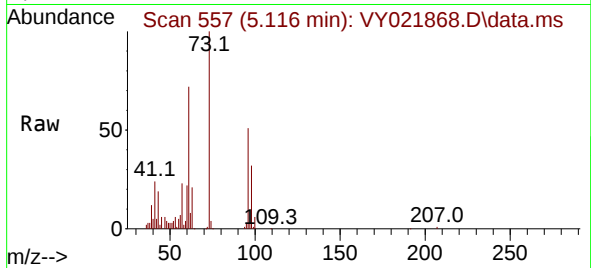




#21
trans-1,2-Dichloroethene
Concen: 19.021 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

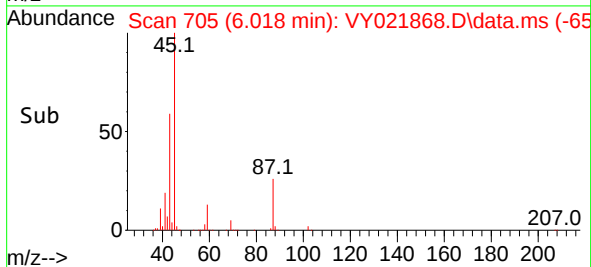
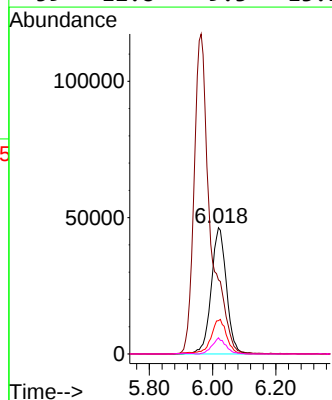
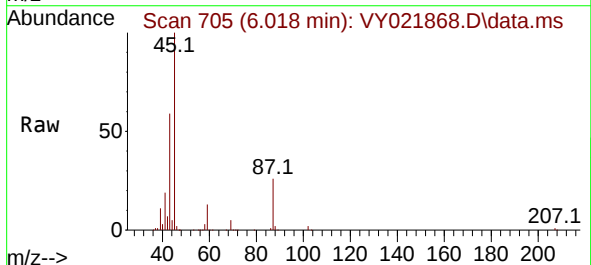
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

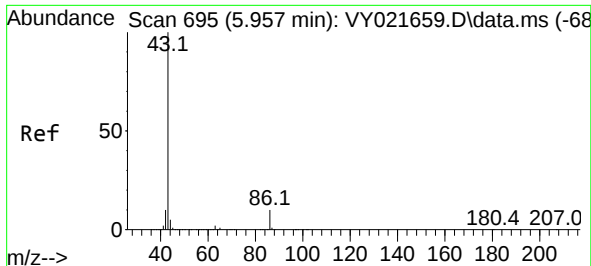
Tgt Ion: 96 Resp: 48535
Ion Ratio Lower Upper
96 100
61 141.3 109.4 164.0
98 63.0 50.2 75.2



#22
Diisopropyl ether
Concen: 19.991 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 45 Resp: 154961
Ion Ratio Lower Upper
45 100
43 58.3 46.6 69.8
87 26.4 20.7 31.1
59 12.8 9.3 13.9

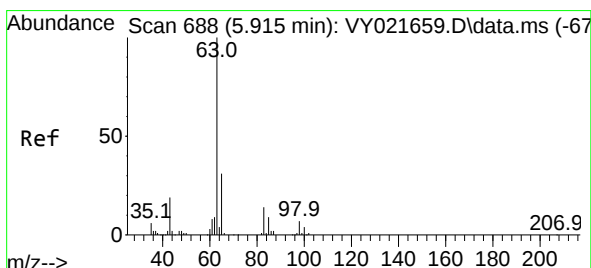
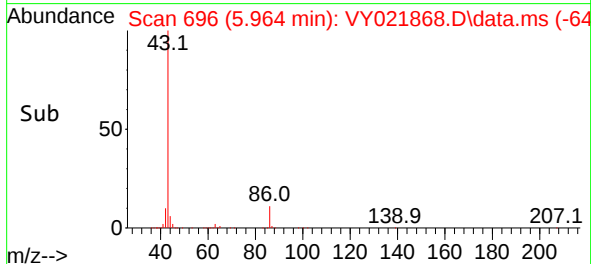
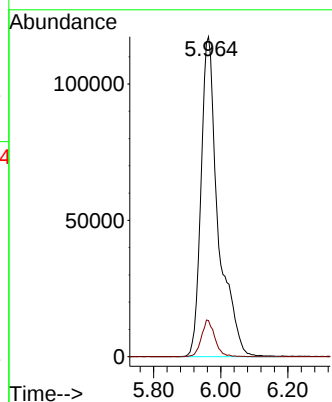
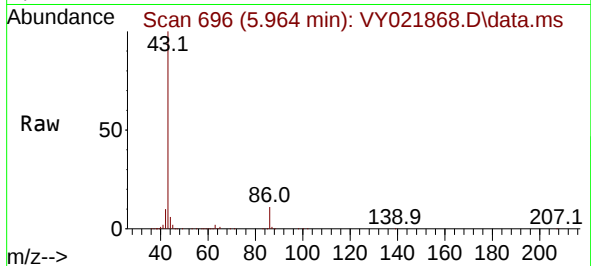




#23
 Vinyl Acetate
 Concen: 92.240 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021868.D
 Acq: 14 Apr 2025 11:28

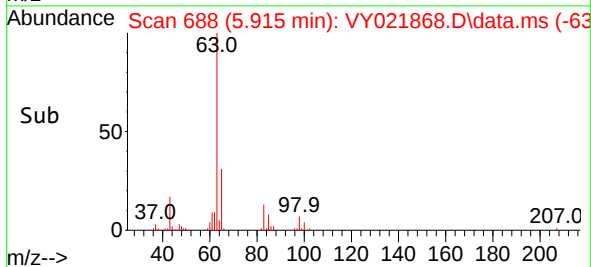
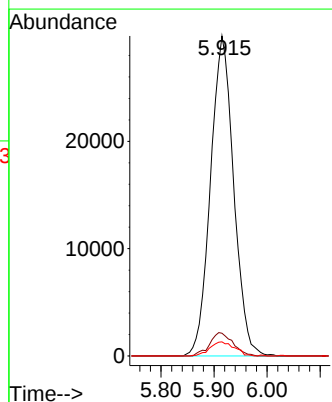
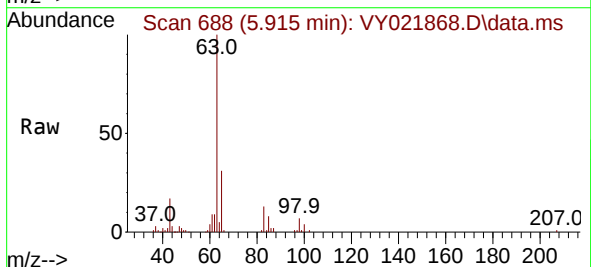
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

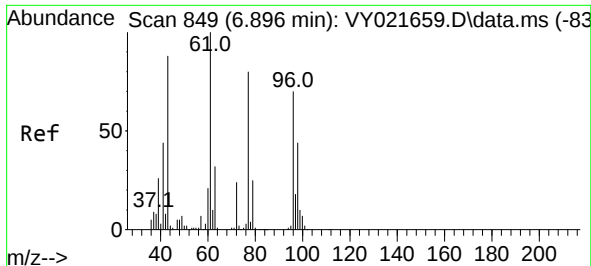
Tgt Ion: 43 Resp: 418271
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.539 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021868.D
 Acq: 14 Apr 2025 11:28

Tgt Ion: 63 Resp: 90562
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 90.729 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

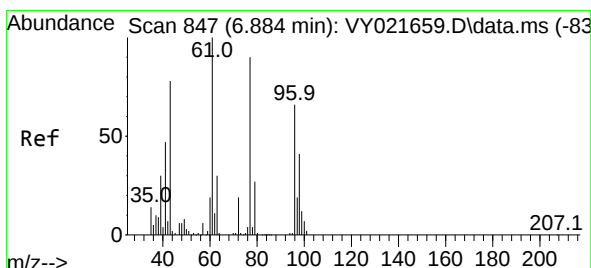
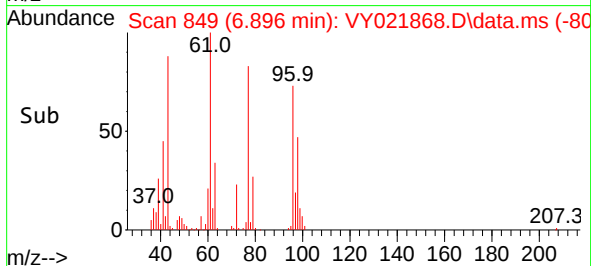
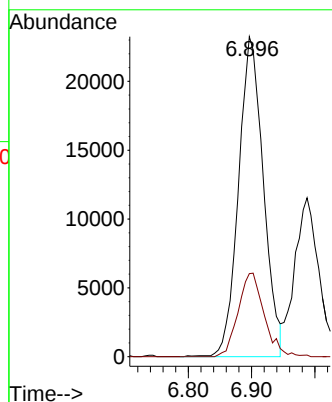
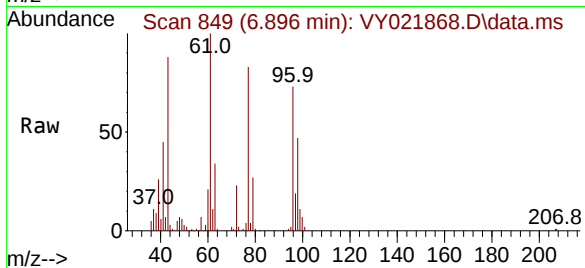
VY0414SBS01

Tgt Ion: 43 Resp: 63491

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.253 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021868.D

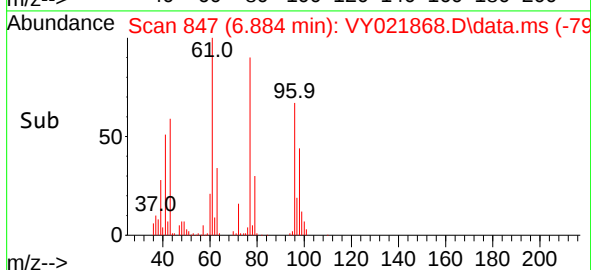
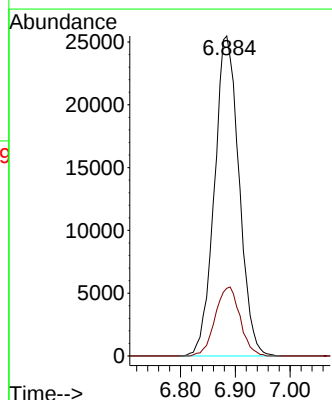
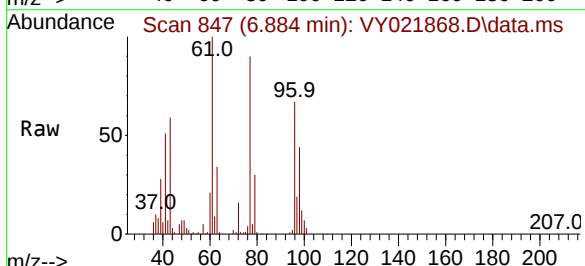
Acq: 14 Apr 2025 11:28

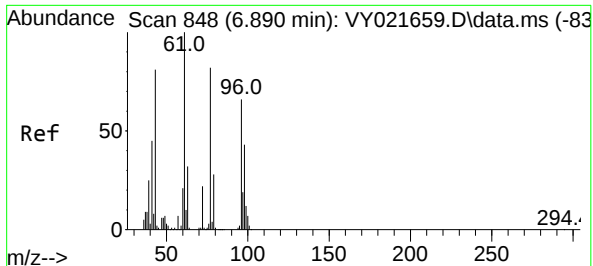
Tgt Ion: 77 Resp: 79379

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.610 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

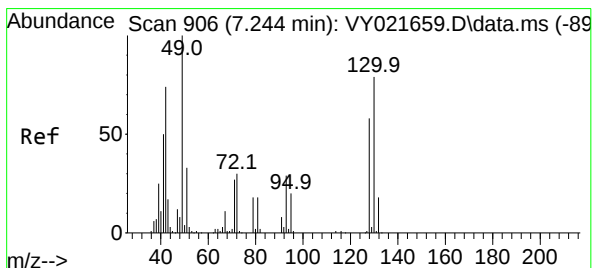
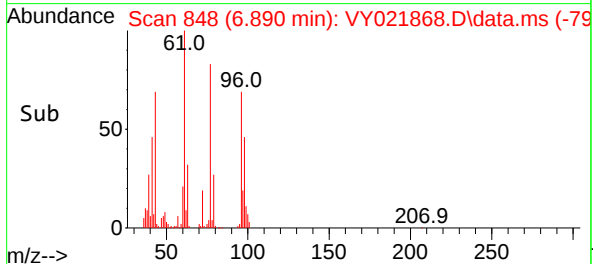
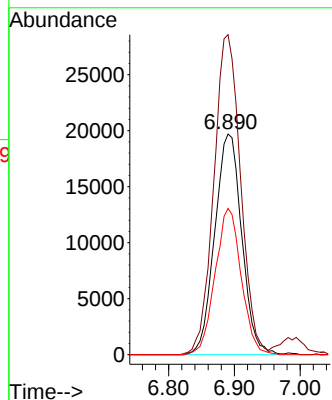
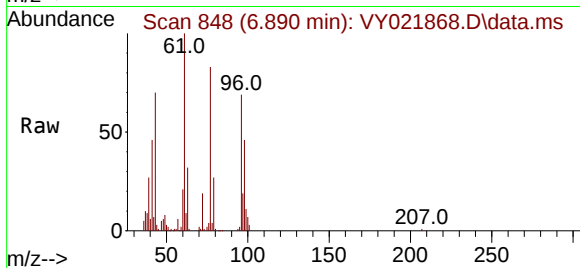
Tgt Ion: 96 Resp: 56272

Ion Ratio Lower Upper

96 100

61 143.8 0.0 296.4

98 64.1 0.0 128.0



#28

Bromochloromethane

Concen: 19.531 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

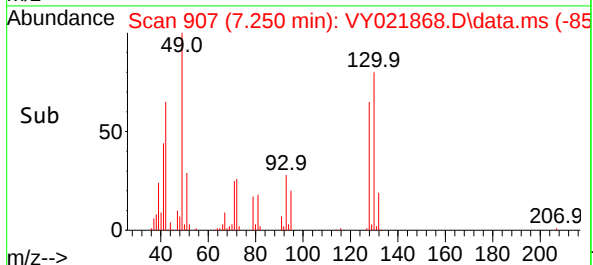
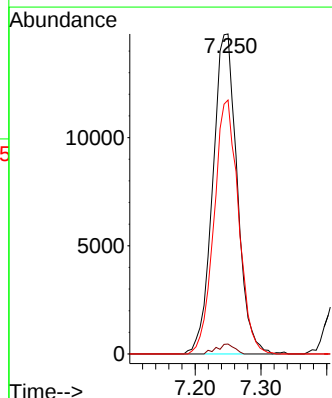
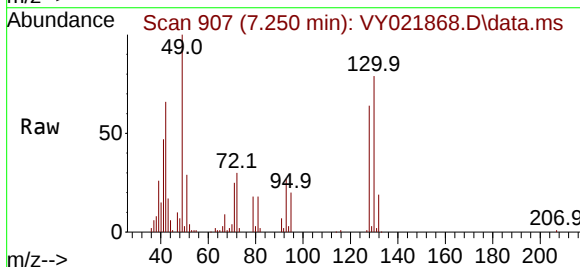
Tgt Ion: 49 Resp: 38178

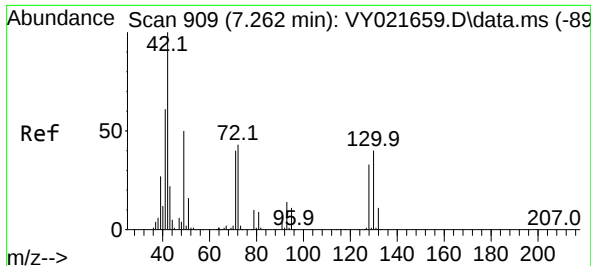
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 79.7 60.1 90.1





#29

Tetrahydrofuran

Concen: 91.924 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

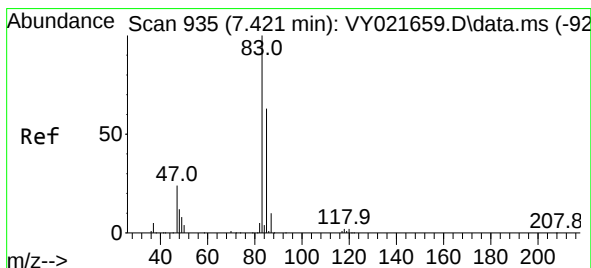
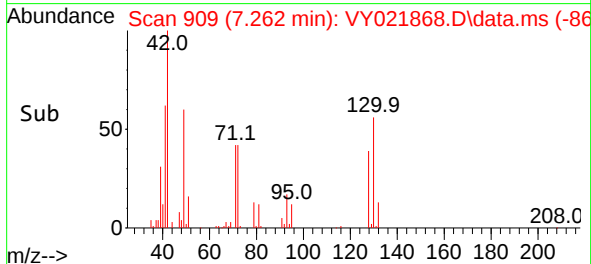
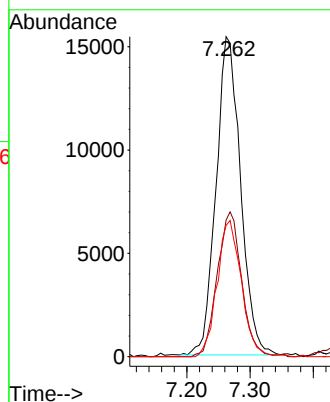
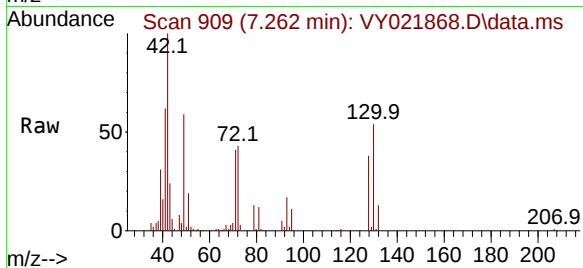
Tgt Ion: 42 Resp: 41400

Ion Ratio Lower Upper

42 100

72 45.1 34.6 52.0

71 42.4 32.5 48.7



#30

Chloroform

Concen: 20.212 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021868.D

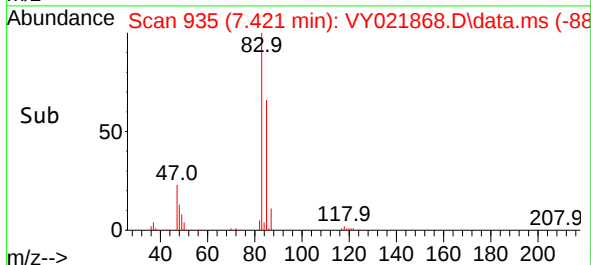
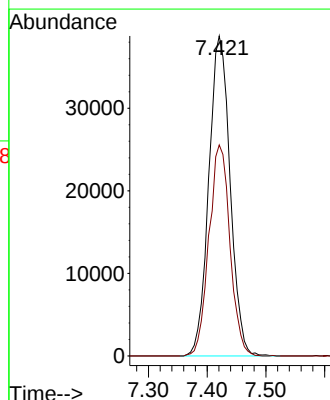
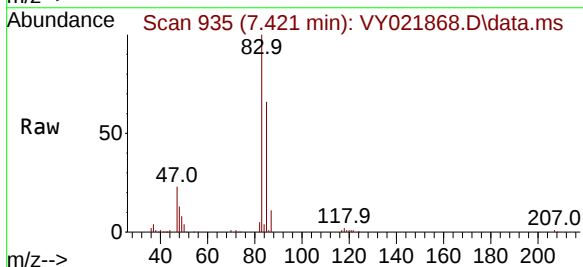
Acq: 14 Apr 2025 11:28

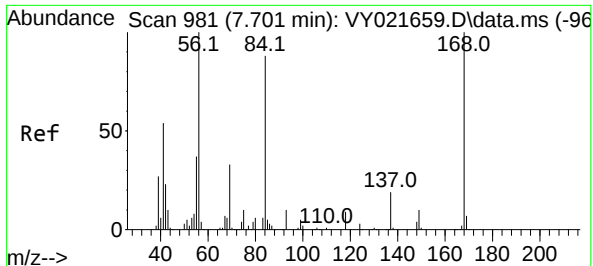
Tgt Ion: 83 Resp: 97438

Ion Ratio Lower Upper

83 100

85 65.9 50.6 75.8

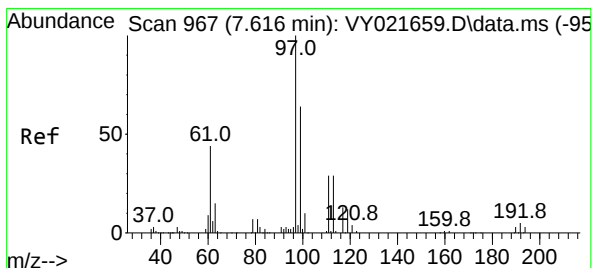
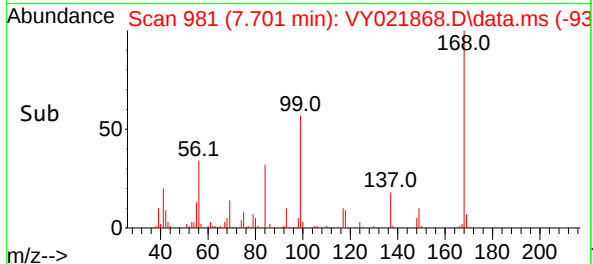
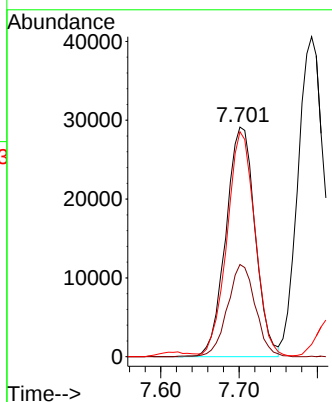
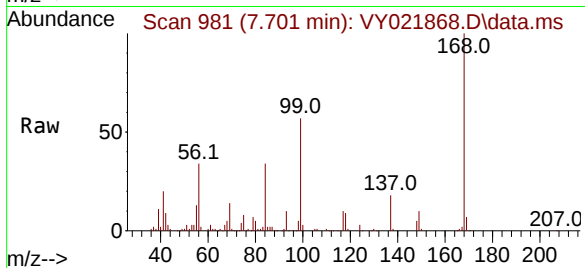




#31
Cyclohexane
Concen: 17.869 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

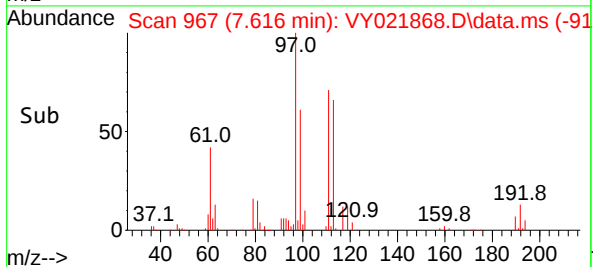
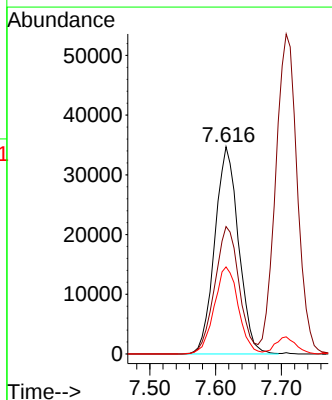
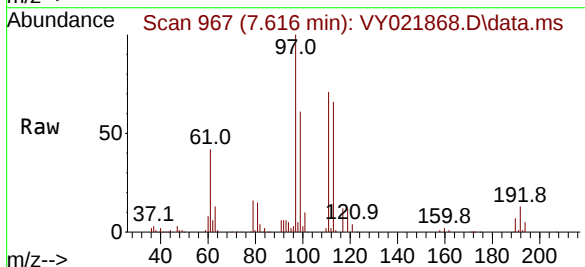
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

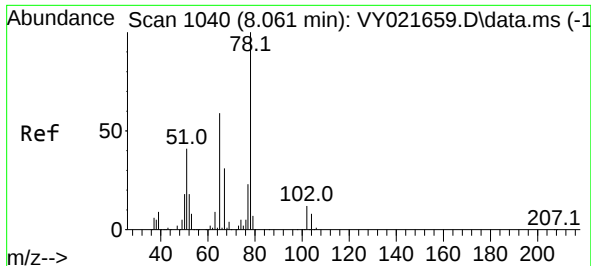
Tgt Ion: 56 Resp: 75500
Ion Ratio Lower Upper
56 100
69 39.4 26.6 40.0
84 95.9 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.012 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 97 Resp: 87194
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.359 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

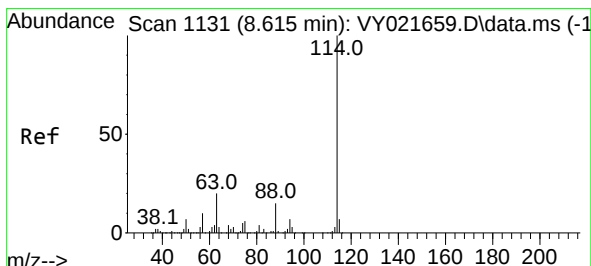
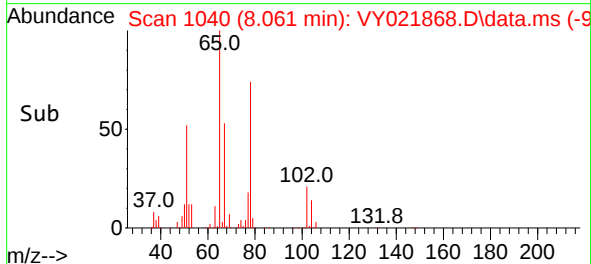
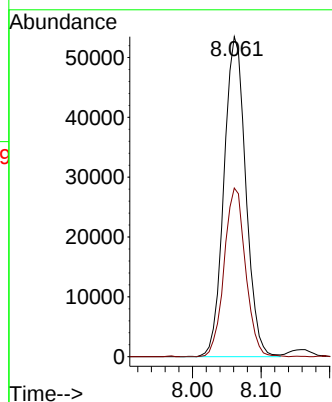
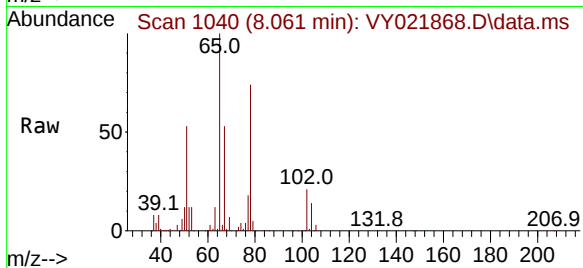
VY0414SBS01

Tgt Ion: 65 Resp: 118162

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021868.D

Acq: 14 Apr 2025 11:28

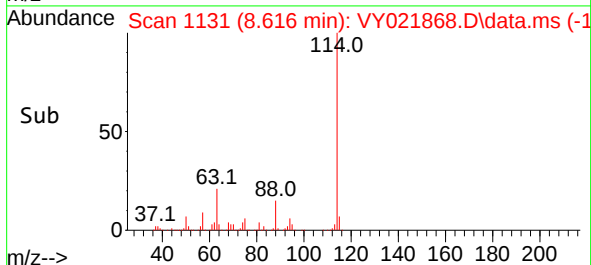
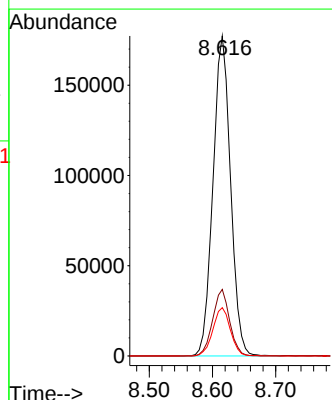
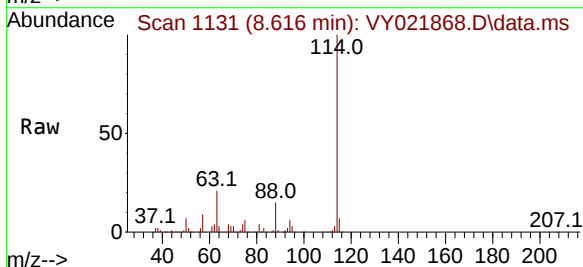
Tgt Ion: 114 Resp: 341870

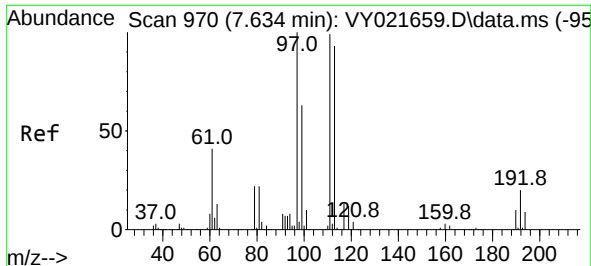
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.1 0.0 29.8

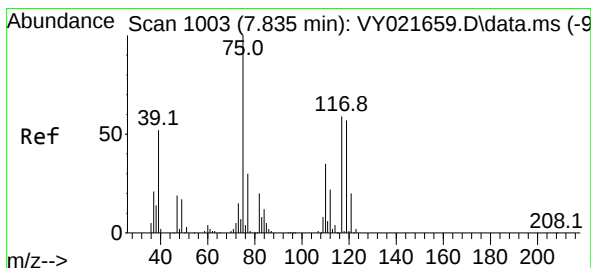
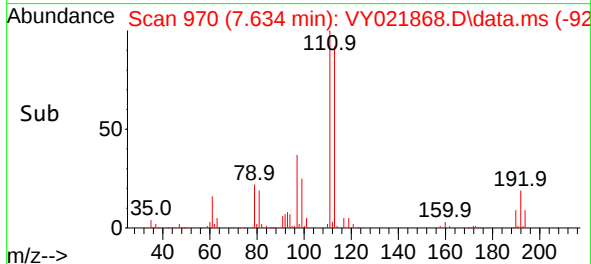
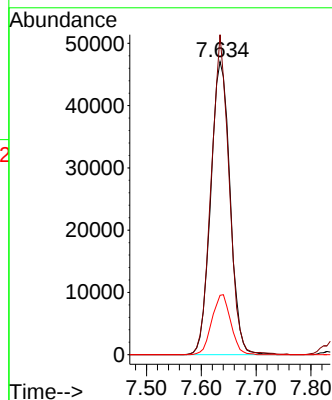
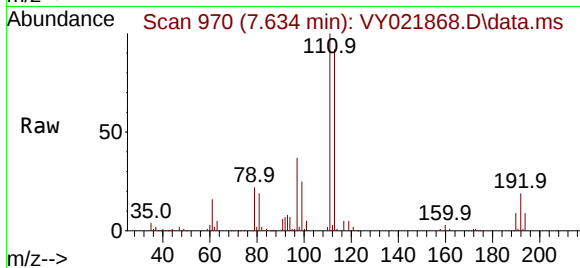




#35
Dibromofluoromethane
Concen: 51.947 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

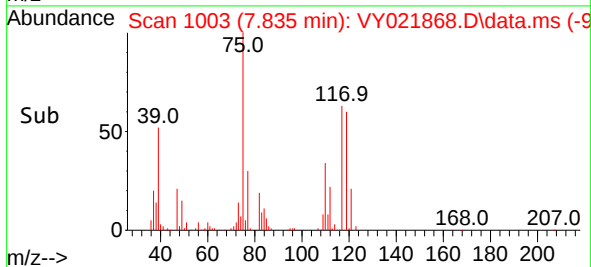
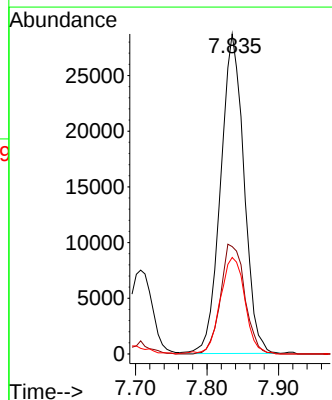
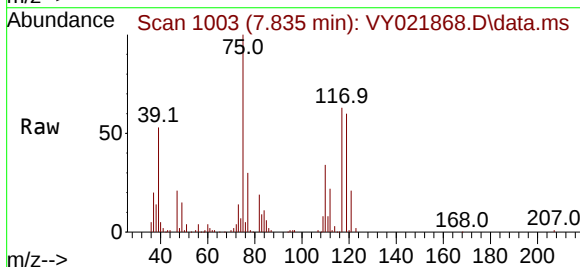
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

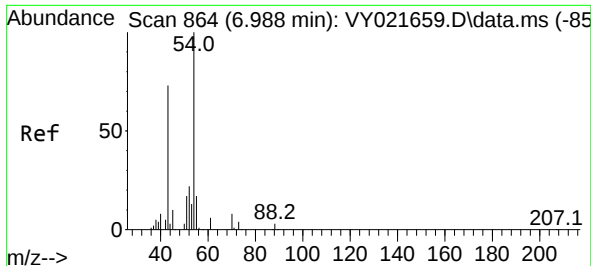
Tgt Ion:113 Resp: 115201
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.246 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 75 Resp: 65011
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 32.0 24.8 37.2

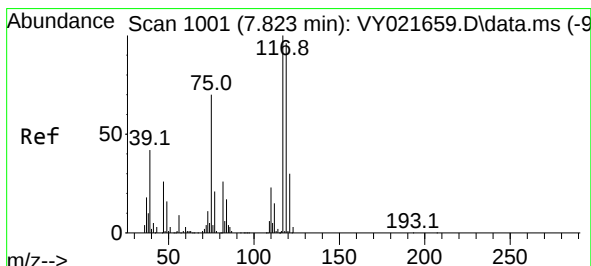
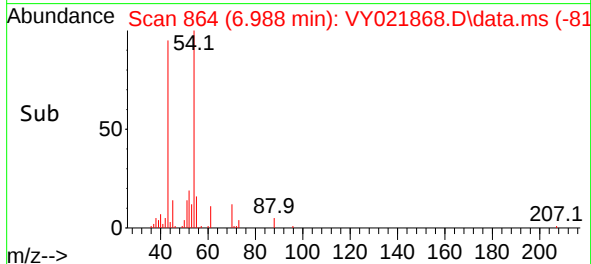
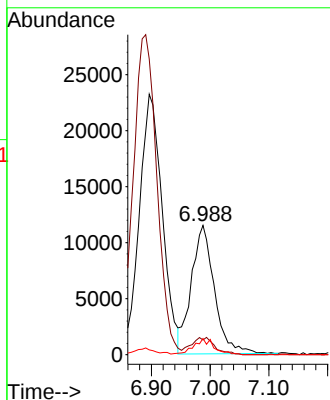
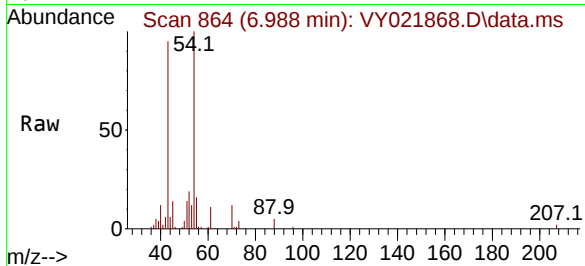




#37
Ethyl Acetate
Concen: 19.686 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

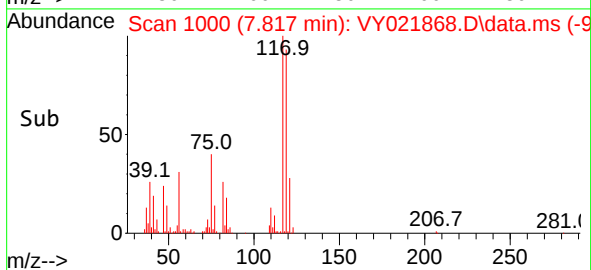
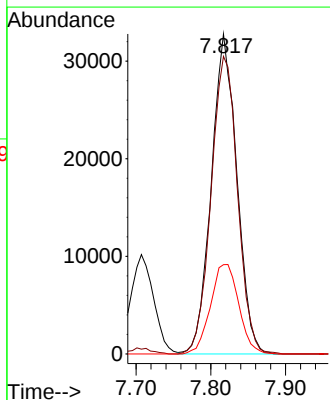
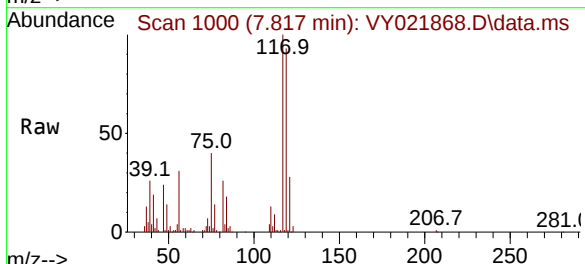
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

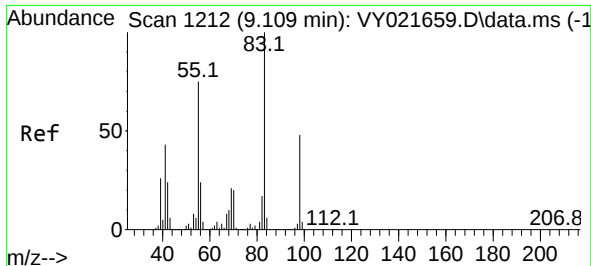
Tgt Ion: 43 Resp: 31382
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 11.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.148 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 117 Resp: 77949
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.4
121 27.9 24.2 36.4

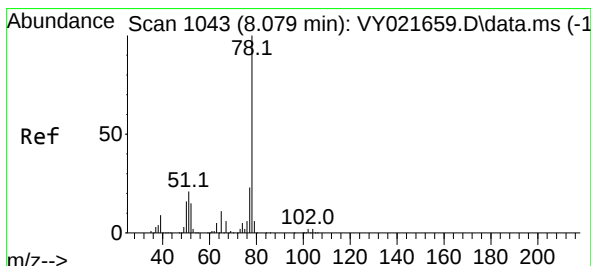
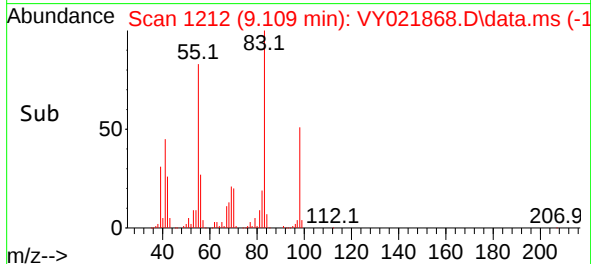
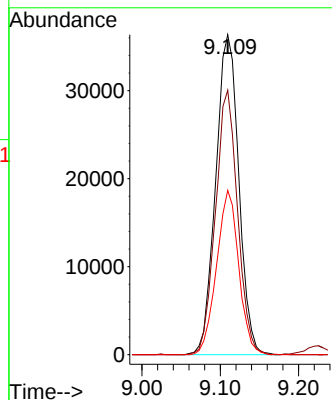
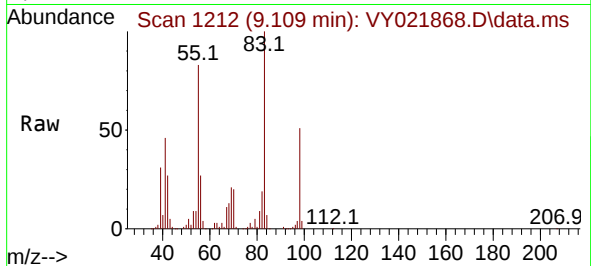




#39
Methylcyclohexane
Concen: 18.452 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

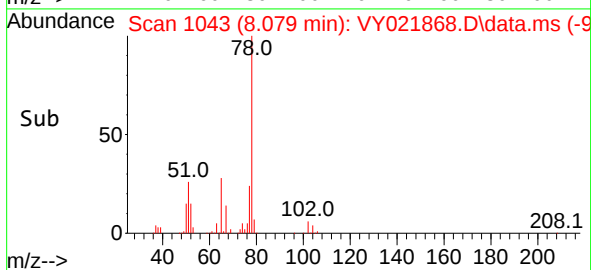
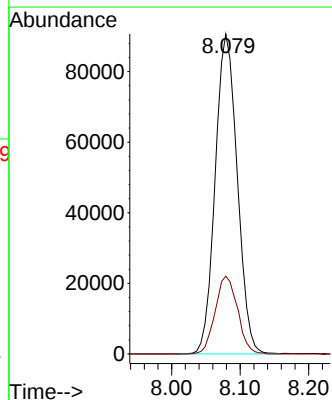
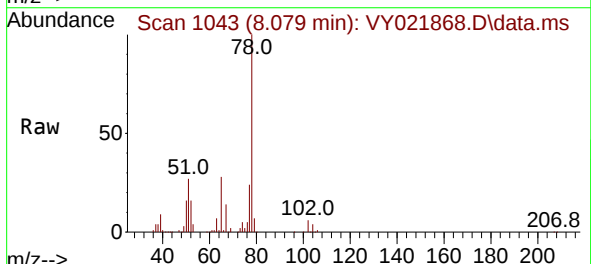
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

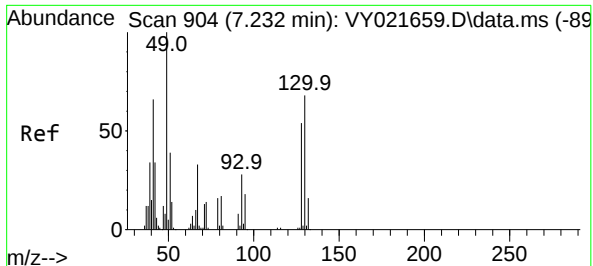
Tgt Ion: 83 Resp: 74458
Ion Ratio Lower Upper
83 100
55 82.6 59.7 89.5
98 51.4 38.3 57.5



#40
Benzene
Concen: 20.032 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 78 Resp: 202636
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2

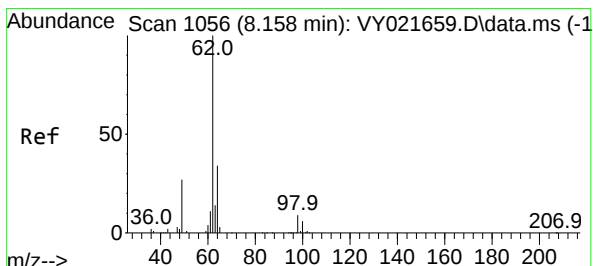
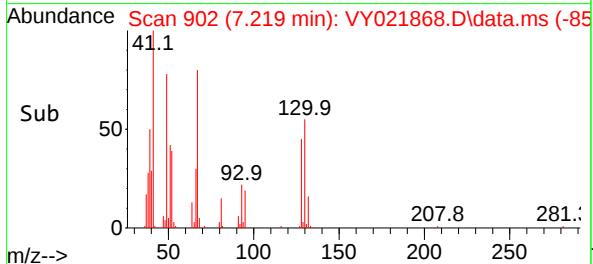
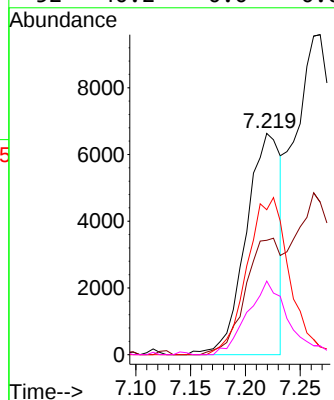
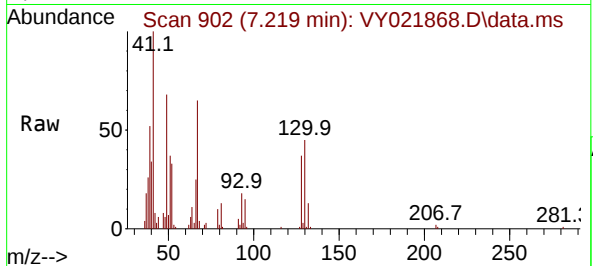




#41
Methacrylonitrile
Concen: 17.104 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

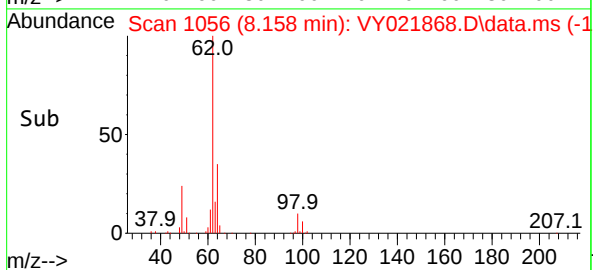
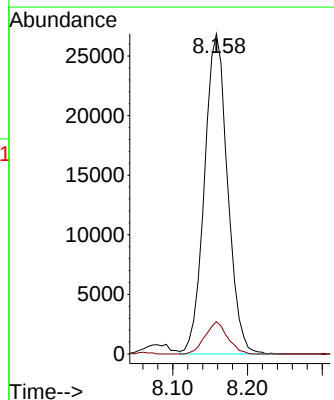
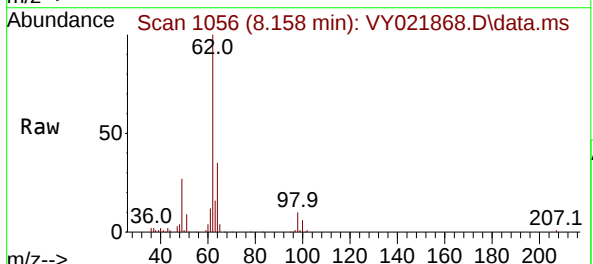
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

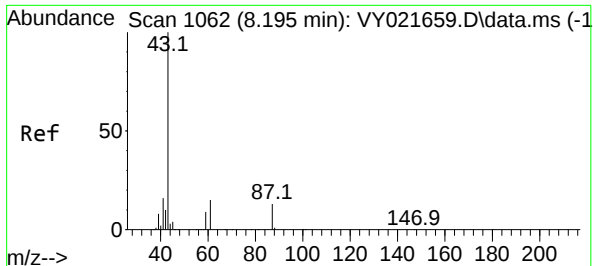
Tgt Ion:	41	Resp:	14480
Ion	Ratio	Lower	Upper
41	100		
39	53.2	0.0	0.0#
67	87.2	0.0	0.0#
52	40.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.228 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion:	62	Resp:	57687
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4

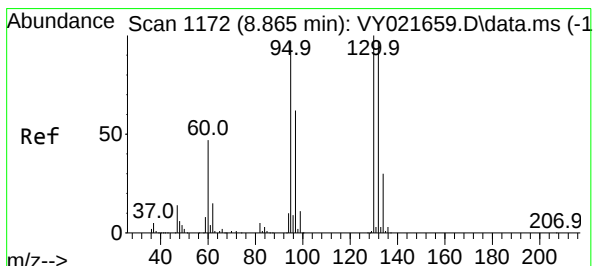
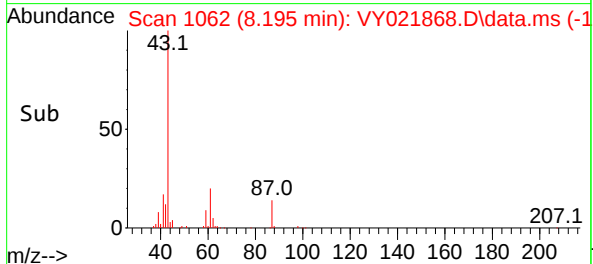
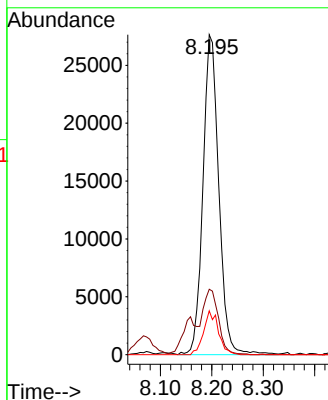
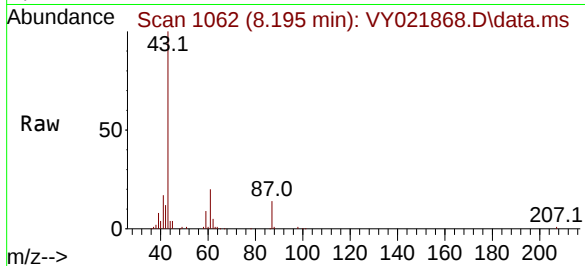




#43
Isopropyl Acetate
Concen: 19.627 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

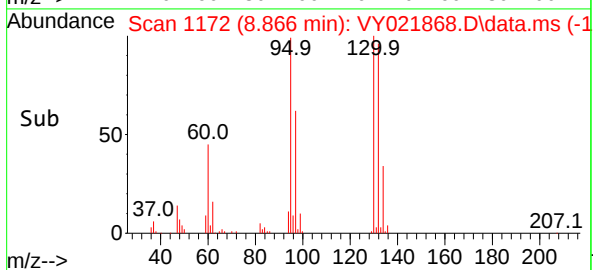
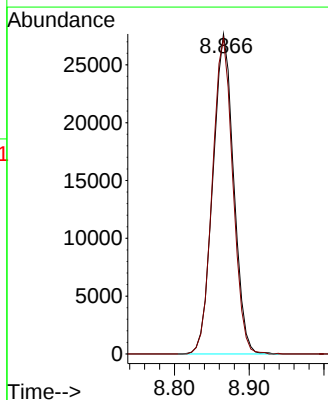
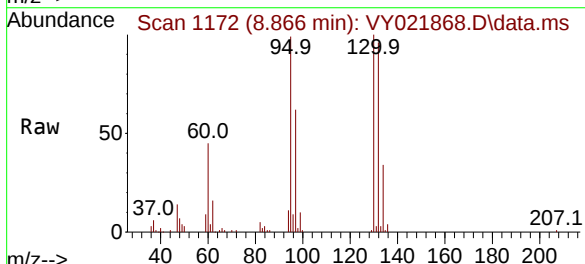
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

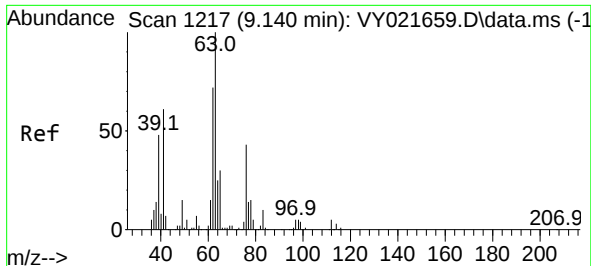
Tgt Ion: 43	Resp: 59294
Ion Ratio	Lower Upper
43 100	
61 20.6	15.9 23.9
87 12.8	10.4 15.6



#44
Trichloroethene
Concen: 20.727 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion:130	Resp:	53423	
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	194.8





#45

1,2-Dichloropropane

Concen: 20.491 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

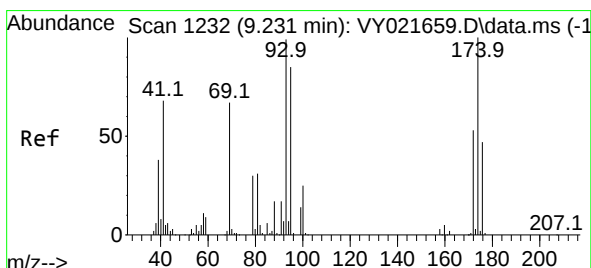
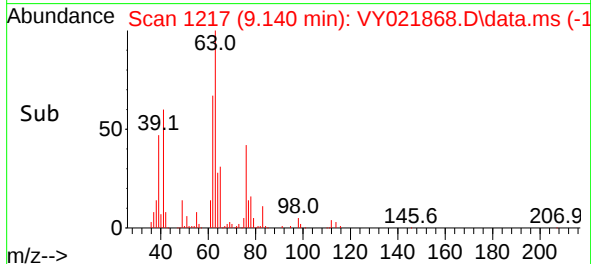
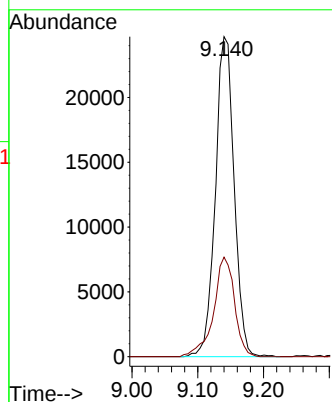
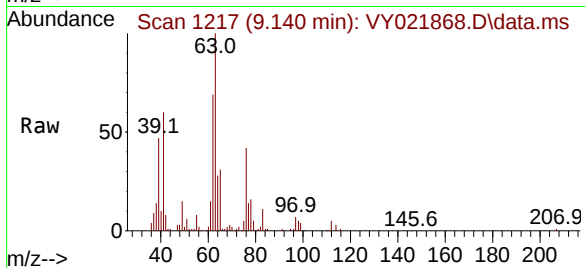
VY0414SBSD01

Tgt Ion: 63 Resp: 49064

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 20.190 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

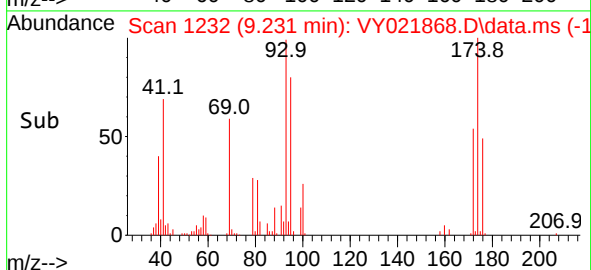
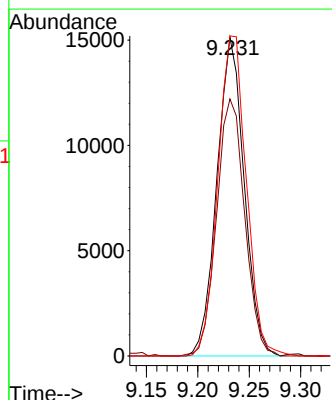
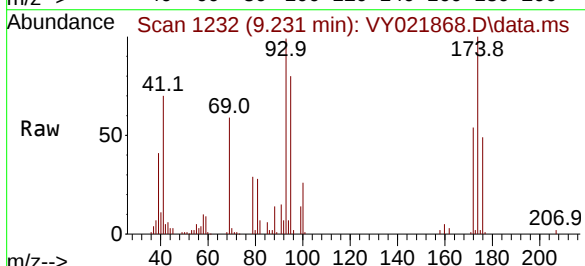
Tgt Ion: 93 Resp: 27862

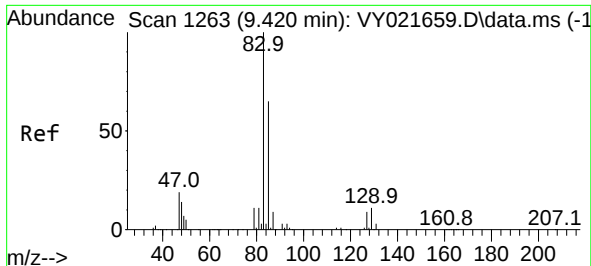
Ion Ratio Lower Upper

93 100

95 83.3 68.1 102.1

174 104.8 80.9 121.3

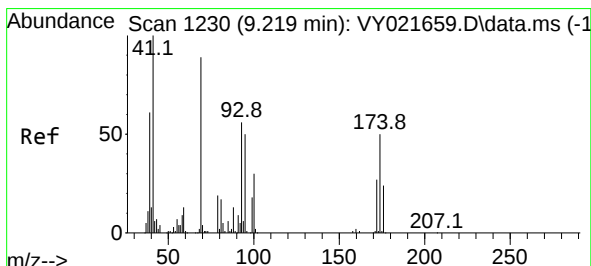
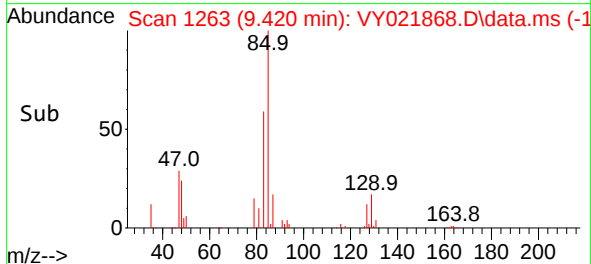
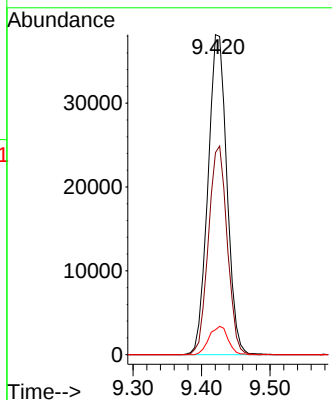
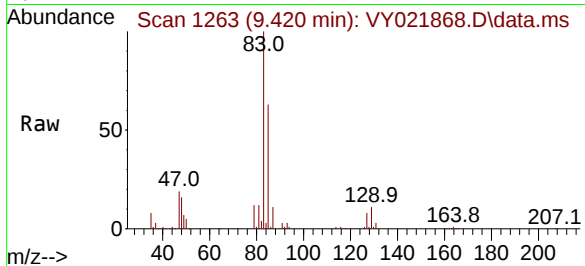




#47
Bromodichloromethane
Concen: 20.500 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

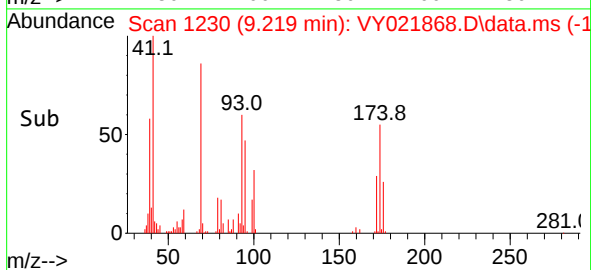
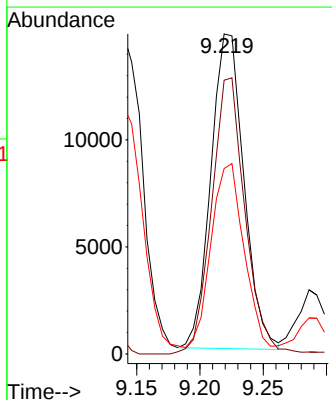
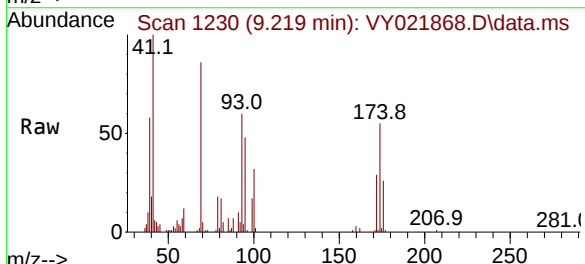
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

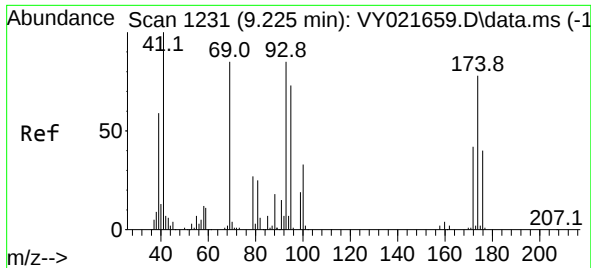
Tgt Ion:	83	Resp:	73302
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6
127	7.8	6.8	10.2



#48
Methyl methacrylate
Concen: 19.272 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion:	41	Resp:	26721
Ion	Ratio	Lower	Upper
41	100		
69	89.0	69.8	104.8
39	58.5	47.2	70.8

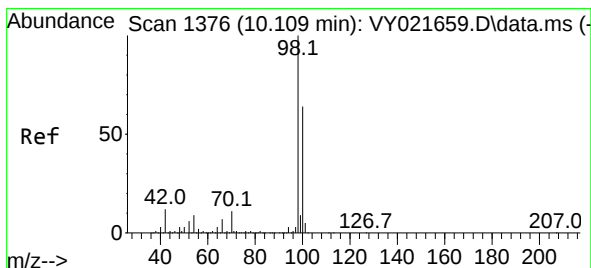
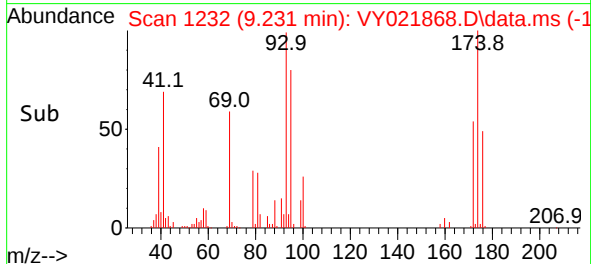
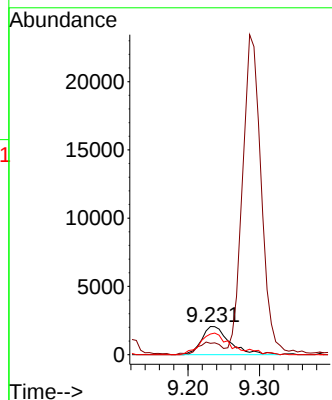
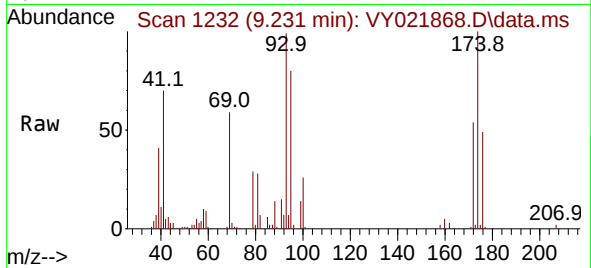




#49
1,4-Dioxane
Concen: 380.364 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

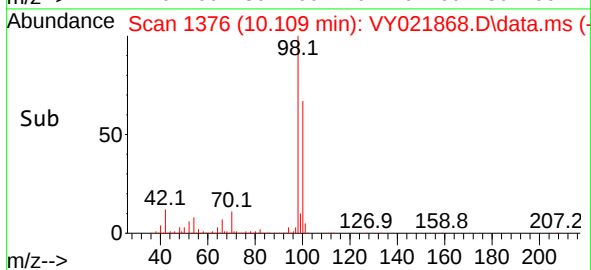
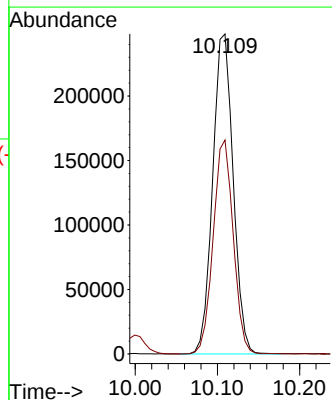
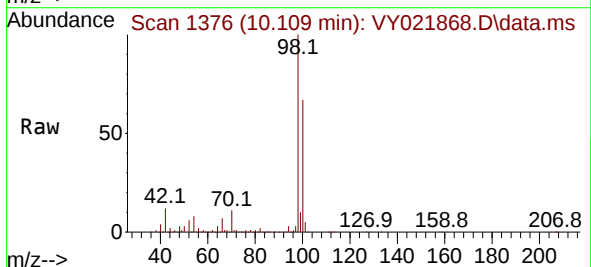
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

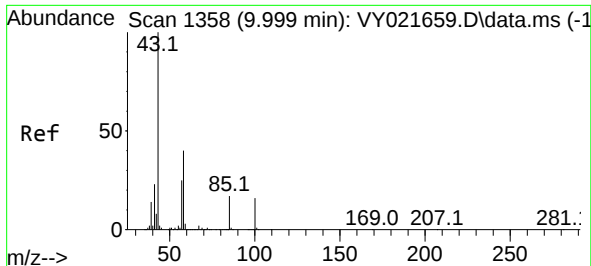
Tgt Ion: 88 Resp: 5623
Ion Ratio Lower Upper
88 100
43 36.1 28.8 43.2
58 76.5 59.4 89.2



#50
Toluene-d8
Concen: 50.896 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 98 Resp: 429391
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

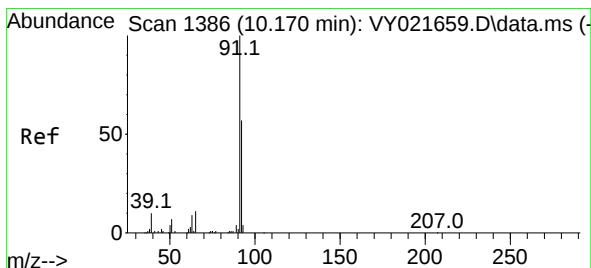
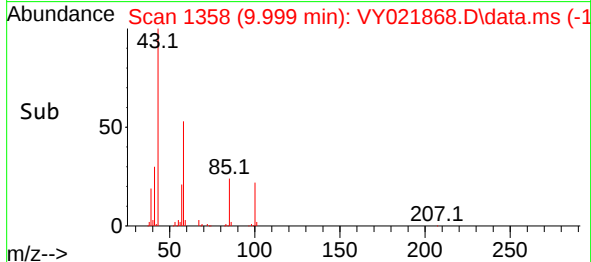
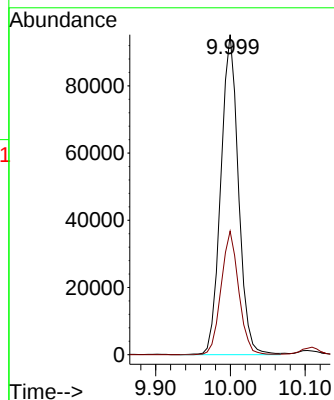
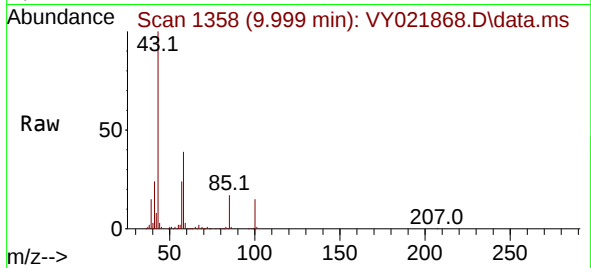




#51
4-Methyl-2-Pentanone
Concen: 99.483 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

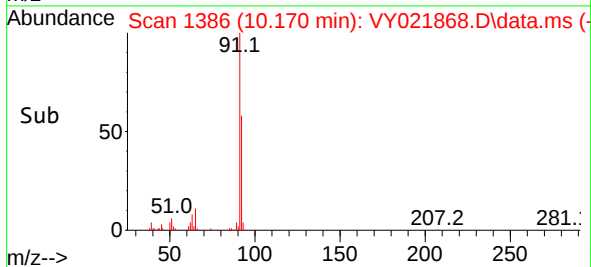
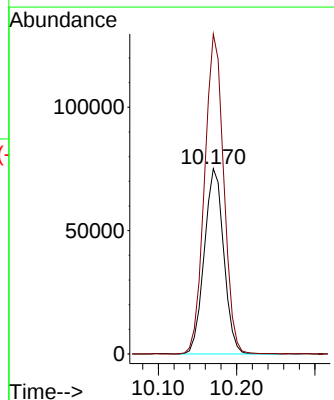
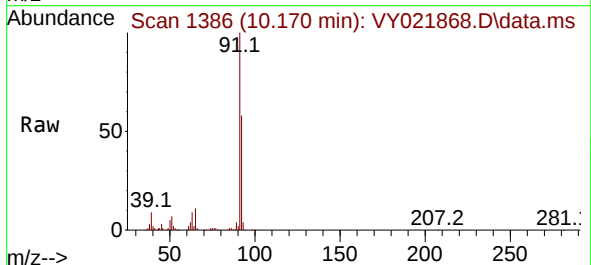
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

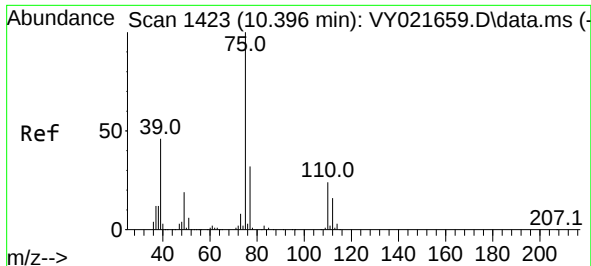
Tgt Ion: 43 Resp: 156400
Ion Ratio Lower Upper
43 100
58 38.5 31.5 47.3



#52
Toluene
Concen: 20.499 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 92 Resp: 129373
Ion Ratio Lower Upper
92 100
91 170.0 138.6 207.8

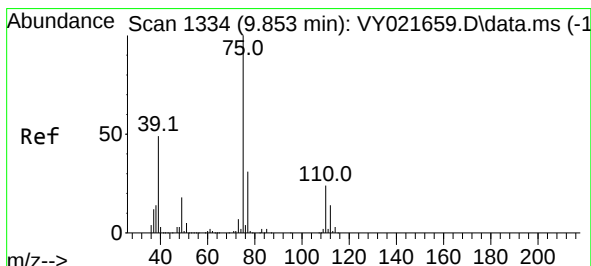
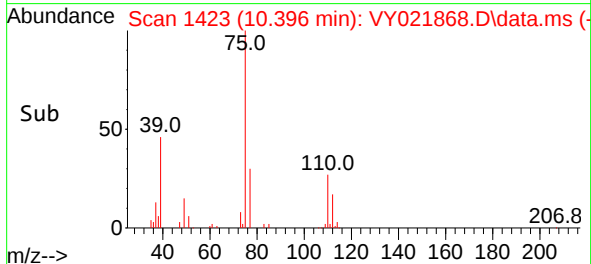
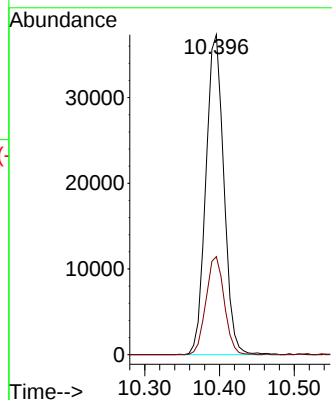
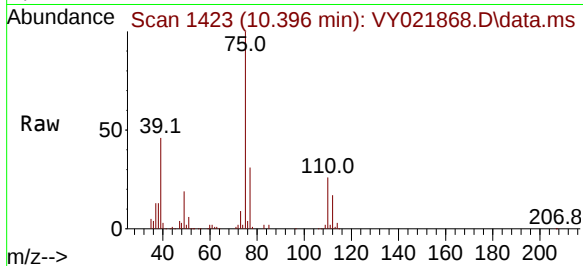




#53
t-1,3-Dichloropropene
Concen: 19.655 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

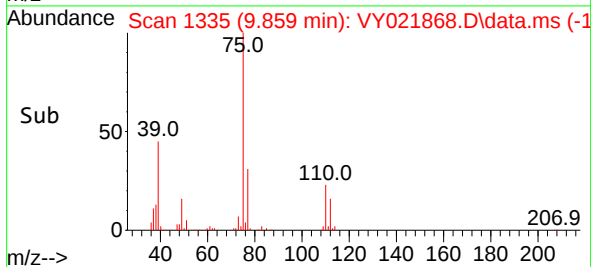
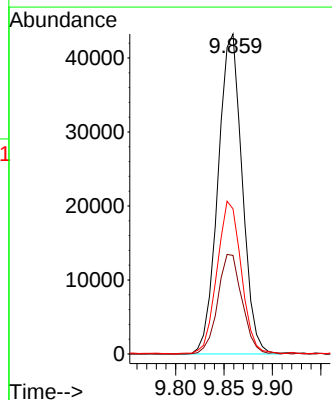
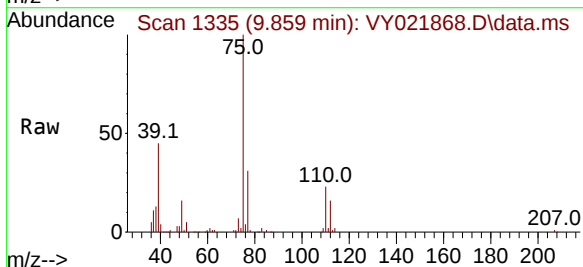
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

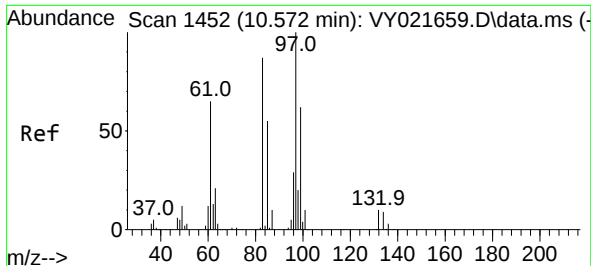
Tgt Ion: 75 Resp: 62426
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.017 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 75 Resp: 75003
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 45.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 21.021 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

Tgt Ion: 97 Resp: 37330

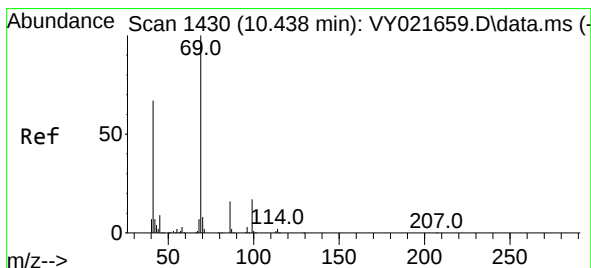
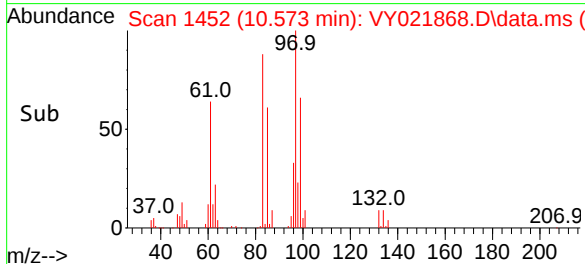
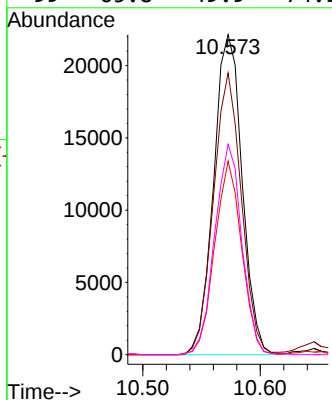
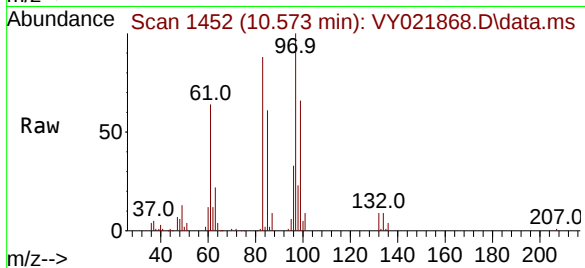
Ion Ratio Lower Upper

97 100

83 88.0 69.5 104.3

85 60.5 43.9 65.9

99 65.8 49.9 74.9



#56

Ethyl methacrylate

Concen: 19.322 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

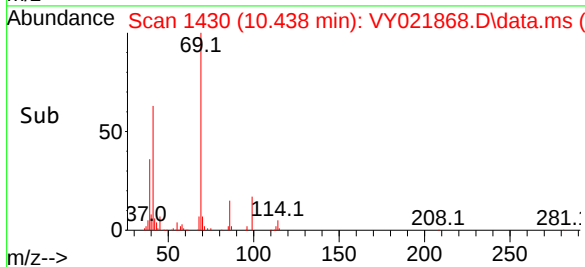
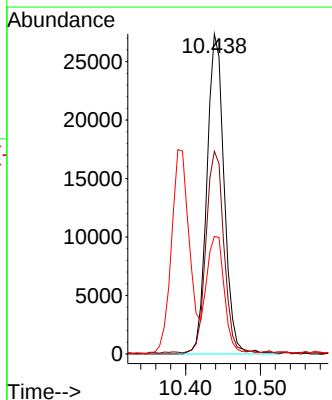
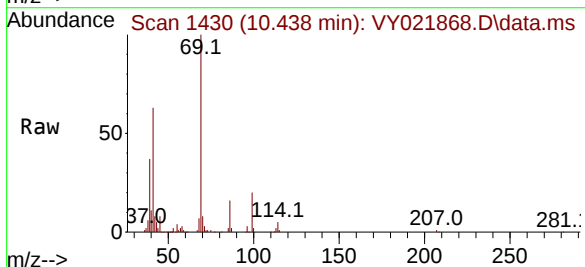
Tgt Ion: 69 Resp: 43814

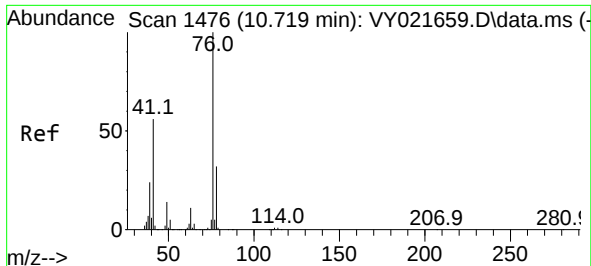
Ion Ratio Lower Upper

69 100

41 65.1 53.8 80.6

39 36.6 29.6 44.4





#57

1,3-Dichloropropane

Concen: 20.261 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

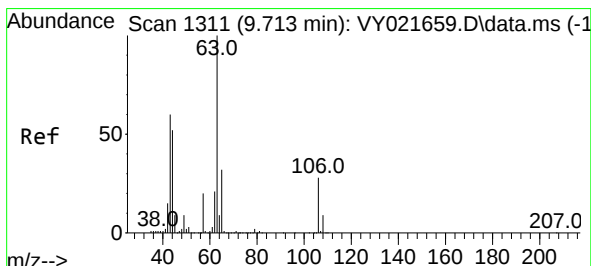
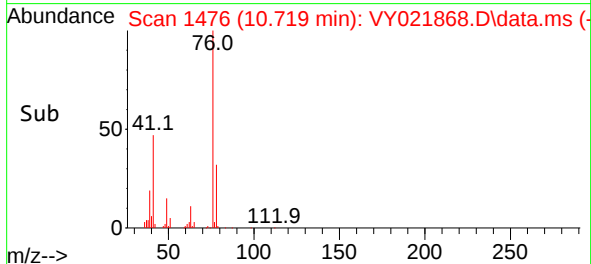
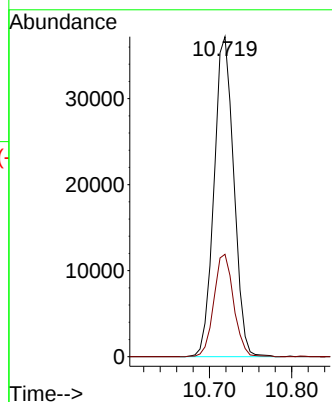
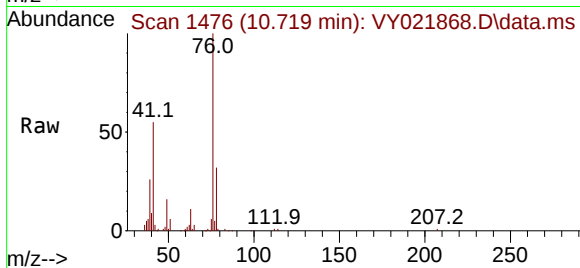
VY0414SBSD01

Tgt Ion: 76 Resp: 62142

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.156 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021868.D

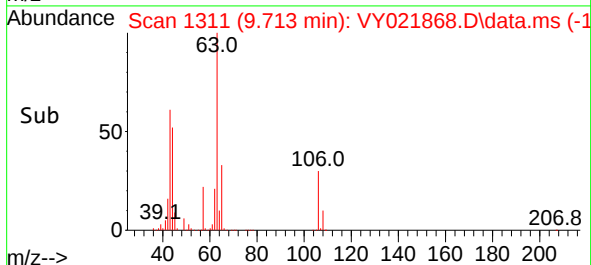
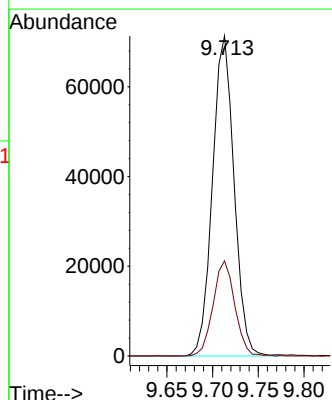
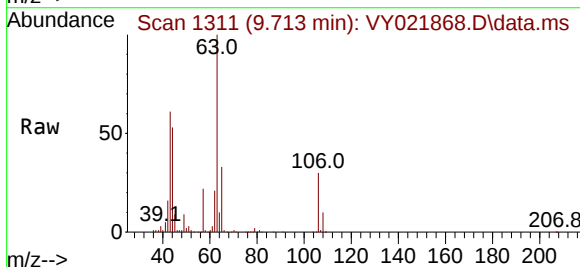
Acq: 14 Apr 2025 11:28

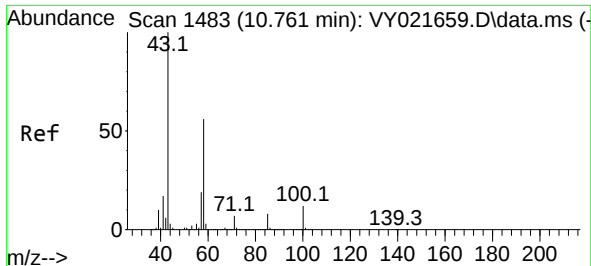
Tgt Ion: 63 Resp: 117431

Ion Ratio Lower Upper

63 100

106 29.8 22.4 33.6





#59

2-Hexanone

Concen: 96.914 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

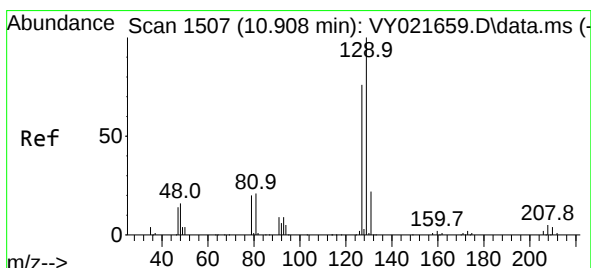
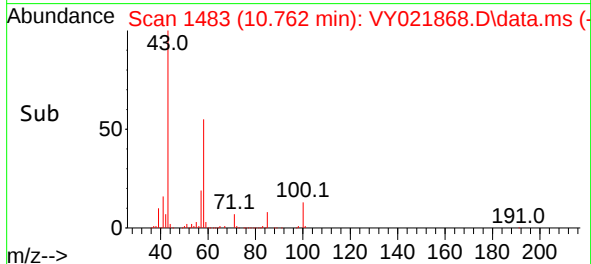
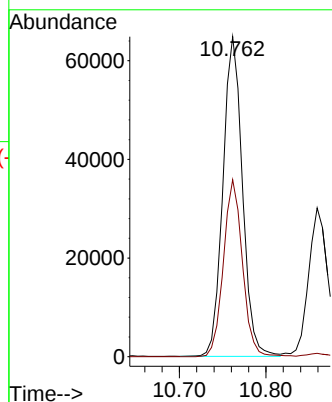
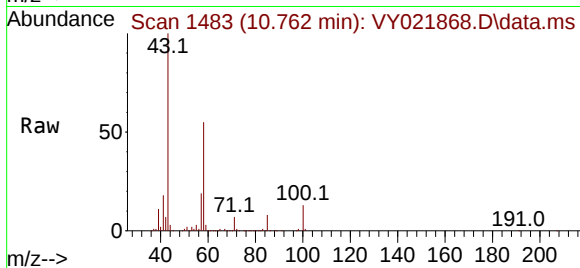
VY0414SBSD01

Tgt Ion: 43 Resp: 101470

Ion Ratio Lower Upper

43 100

58 54.0 27.2 81.5



#60

Dibromochloromethane

Concen: 21.194 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021868.D

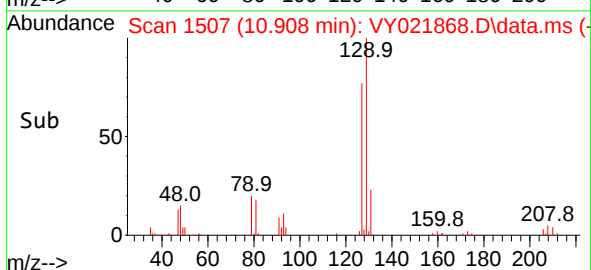
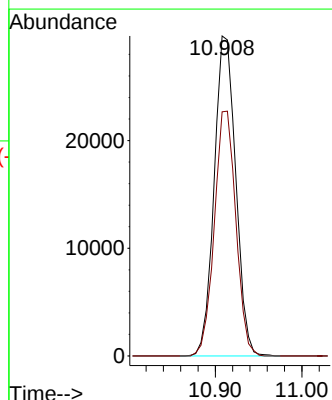
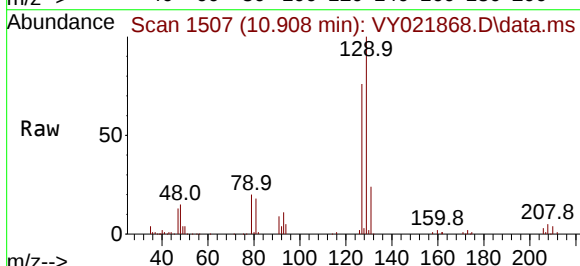
Acq: 14 Apr 2025 11:28

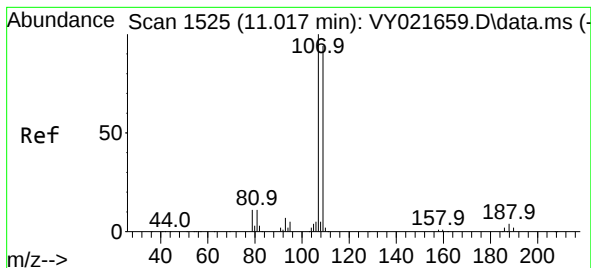
Tgt Ion: 129 Resp: 51389

Ion Ratio Lower Upper

129 100

127 76.4 38.6 115.7

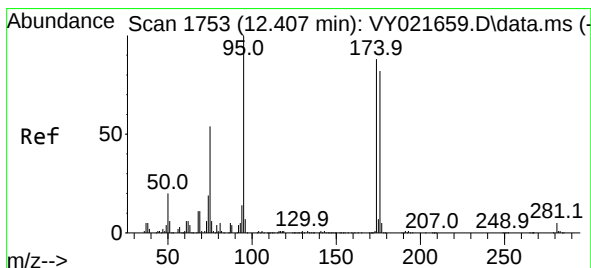
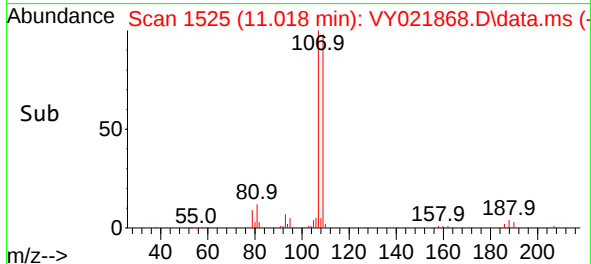
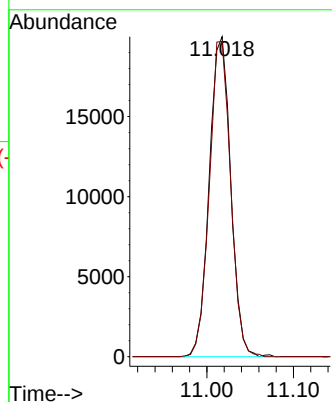
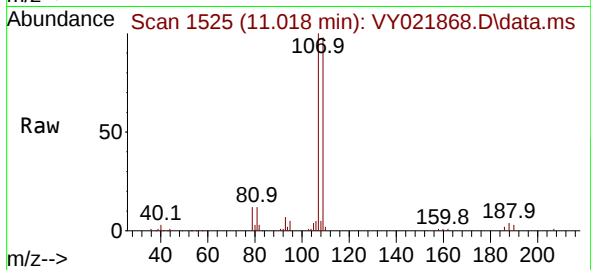




#61
1,2-Dibromoethane
Concen: 20.616 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

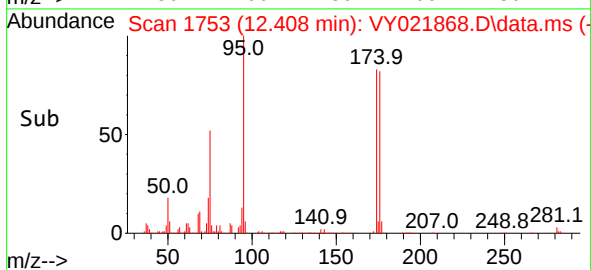
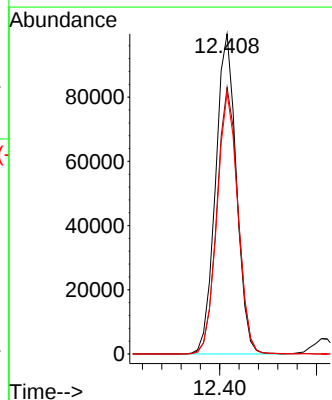
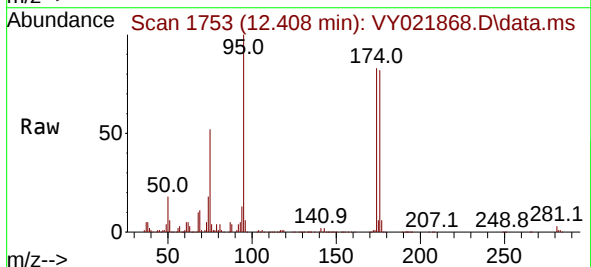
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

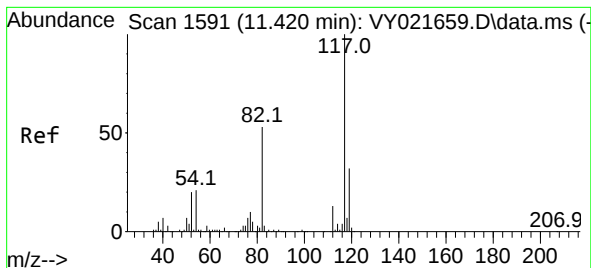
Tgt Ion:107 Resp: 34345
Ion Ratio Lower Upper
107 100
109 98.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.057 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 95 Resp: 148553
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.8
176 82.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

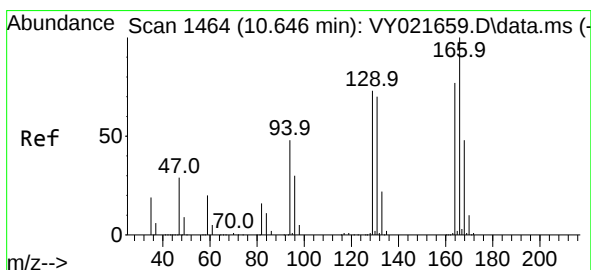
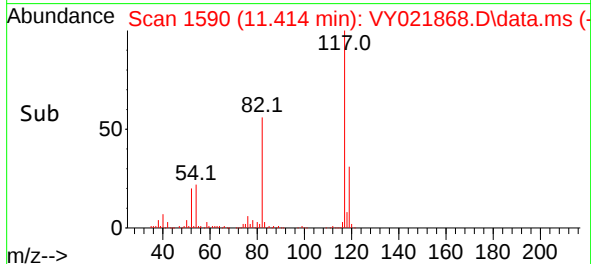
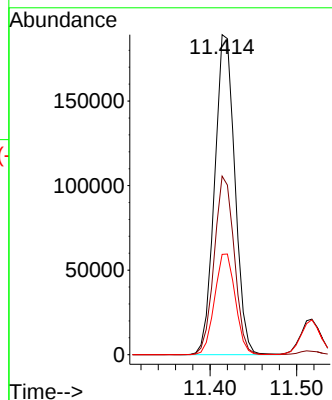
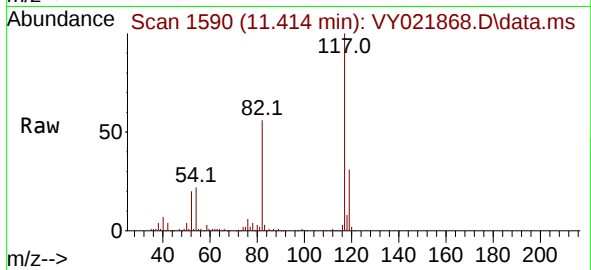
Tgt Ion:117 Resp: 307573

Ion Ratio Lower Upper

117 100

82 55.8 42.8 64.2

119 31.4 25.7 38.5



#64

Tetrachloroethene

Concen: 21.757 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Tgt Ion:164 Resp: 60947

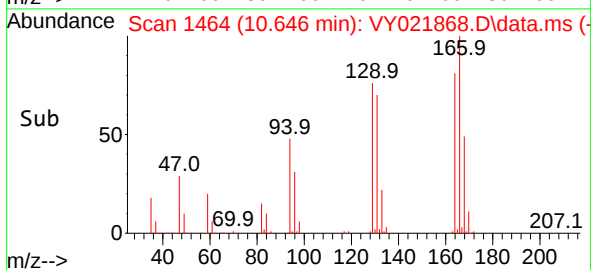
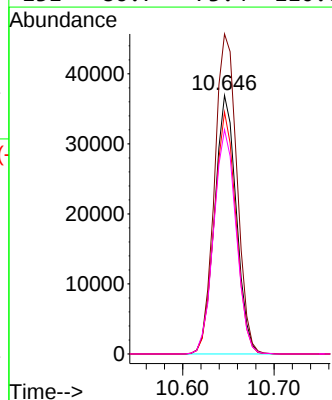
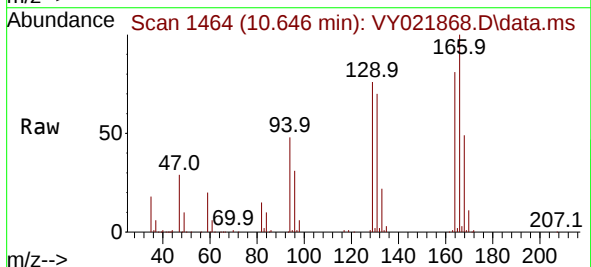
Ion Ratio Lower Upper

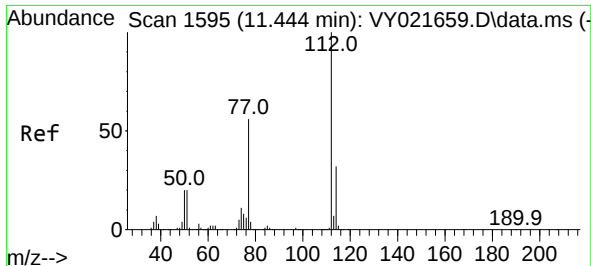
164 100

166 123.7 104.6 156.8

129 93.5 76.6 114.8

131 86.7 73.4 110.0

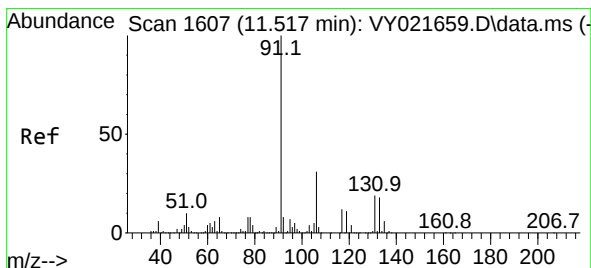
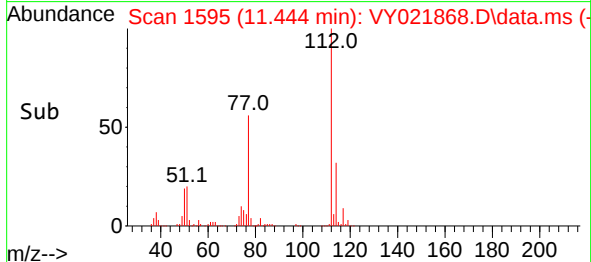
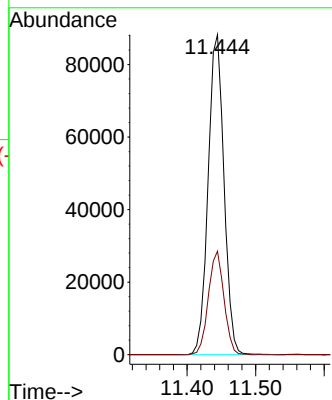
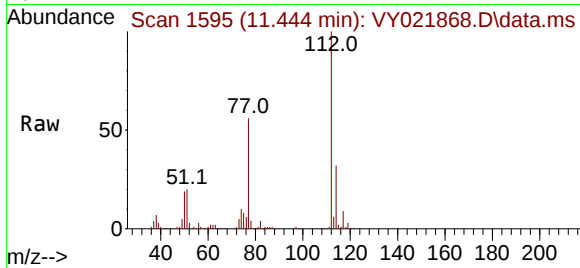




#65
Chlorobenzene
Concen: 20.123 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

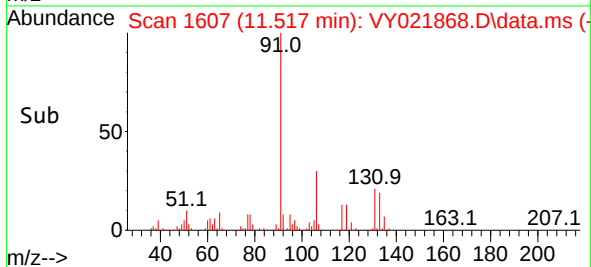
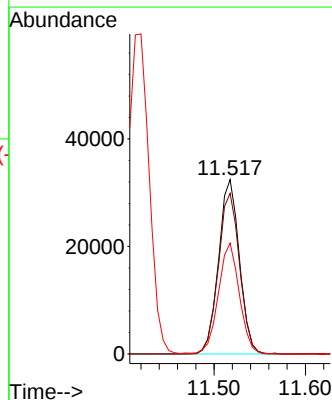
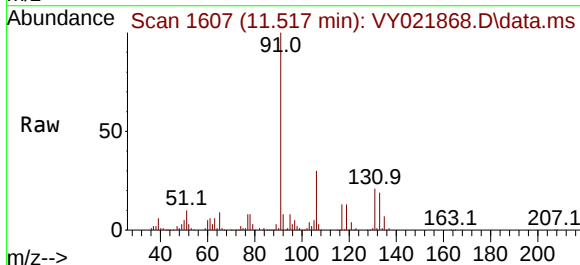
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

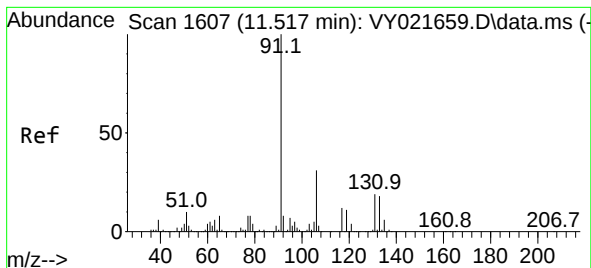
Tgt Ion:112 Resp: 141877
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.512 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion:131 Resp: 51312
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 64.1 31.6 95.0

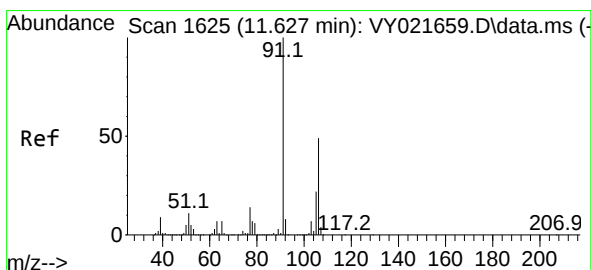
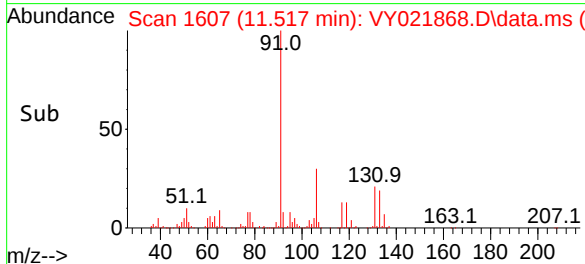
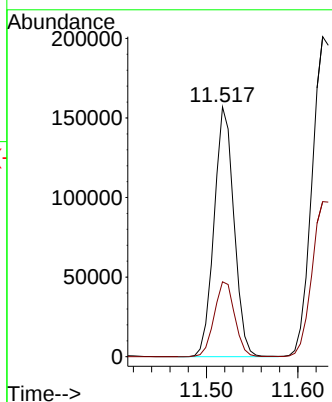
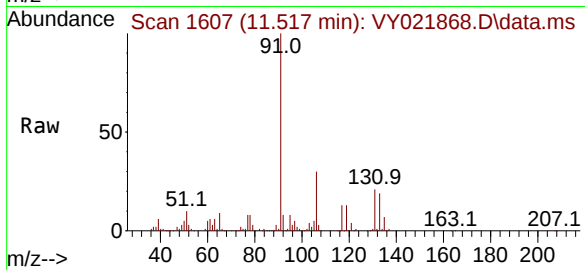




#67
Ethyl Benzene
Concen: 19.618 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

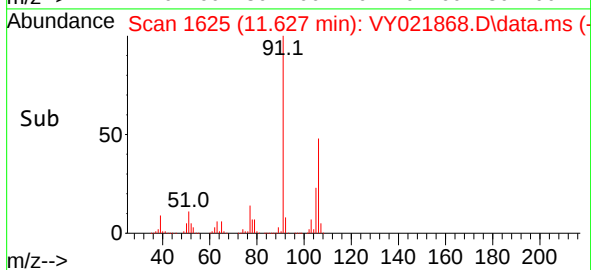
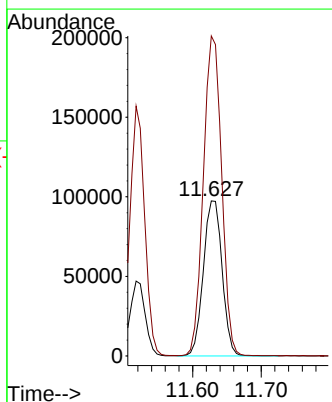
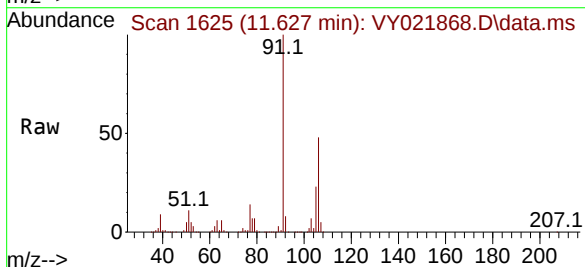
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

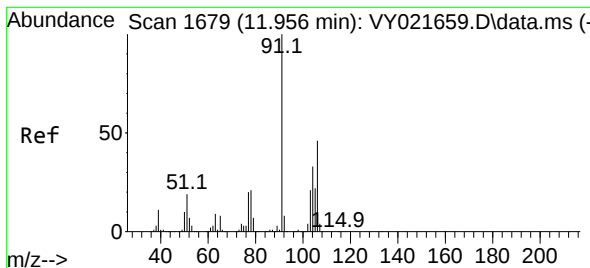
Tgt Ion: 91 Resp: 237188
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 40.133 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 106 Resp: 185803
Ion Ratio Lower Upper
106 100
91 201.1 162.4 243.6

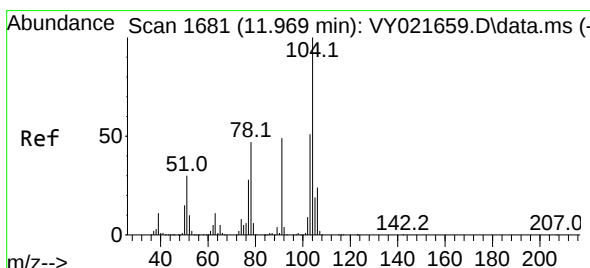
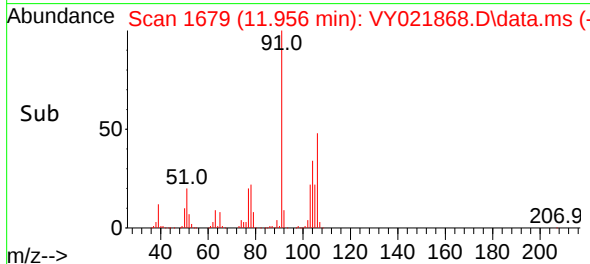
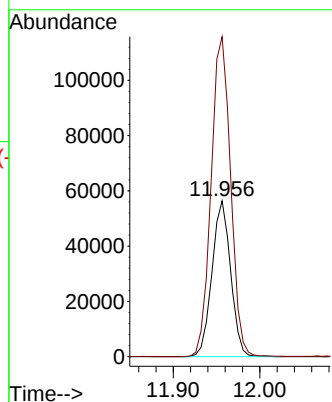
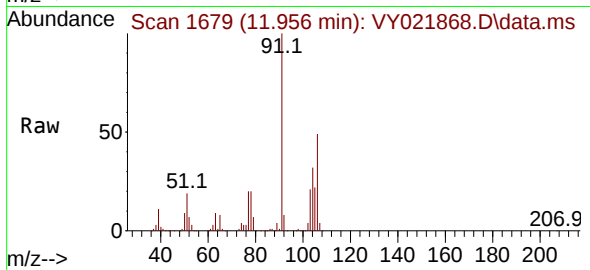




#69
o-Xylene
Concen: 19.714 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

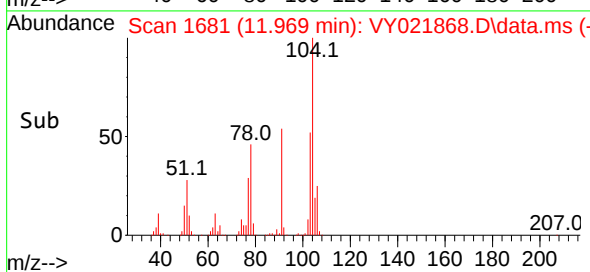
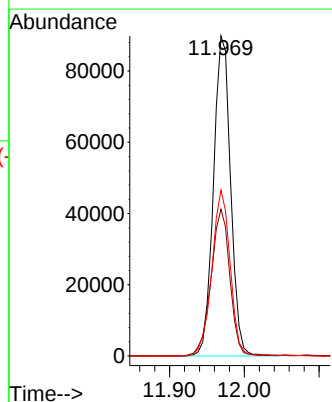
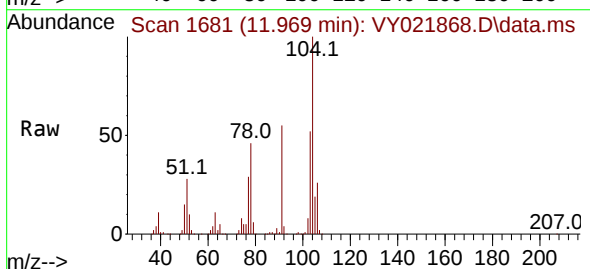
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

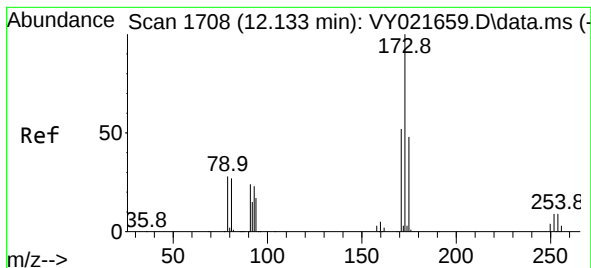
Tgt Ion:106 Resp: 84247
Ion Ratio Lower Upper
106 100
91 215.2 106.7 319.9



#70
Styrene
Concen: 20.135 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion:104 Resp: 143469
Ion Ratio Lower Upper
104 100
78 50.2 40.8 61.2
103 55.2 44.2 66.2





#71

Bromoform

Concen: 21.313 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

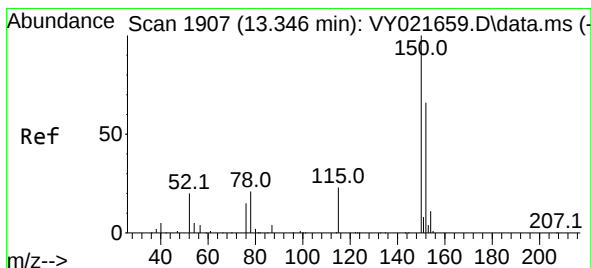
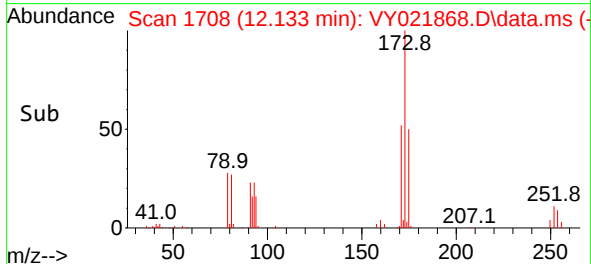
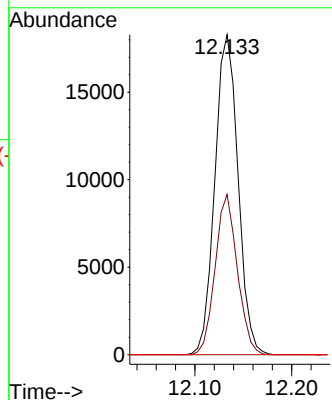
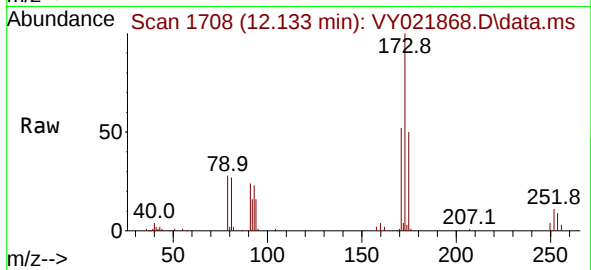
Tgt Ion:173 Resp: 30412

Ion Ratio Lower Upper

173 100

175 47.8 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: VY021868.D

Acq: 14 Apr 2025 11:28

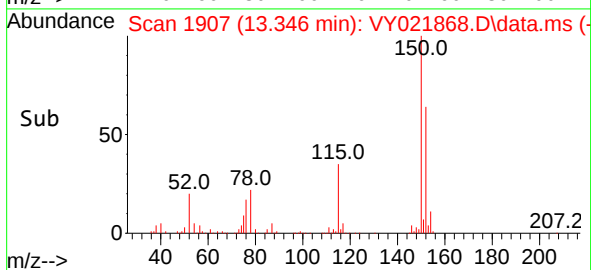
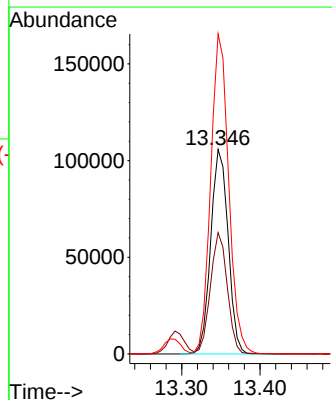
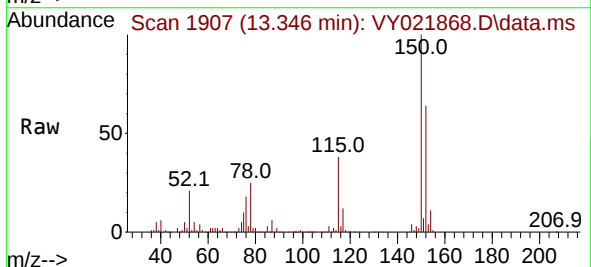
Tgt Ion:152 Resp: 163146

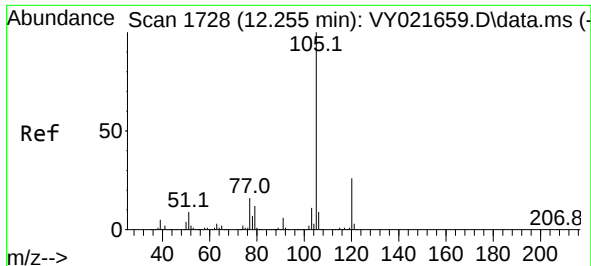
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 161.4 0.0 348.4

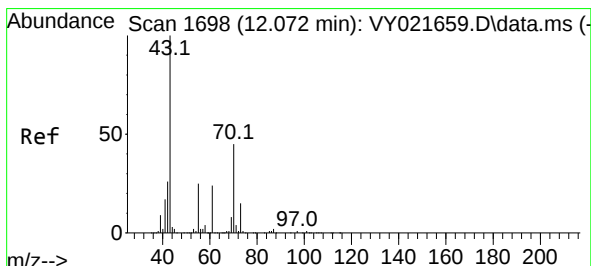
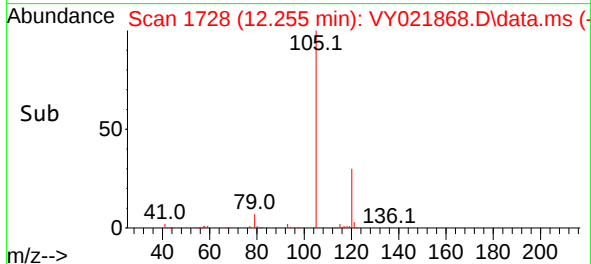
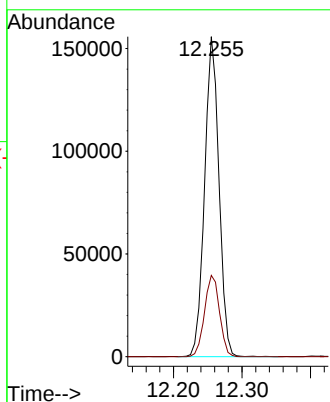
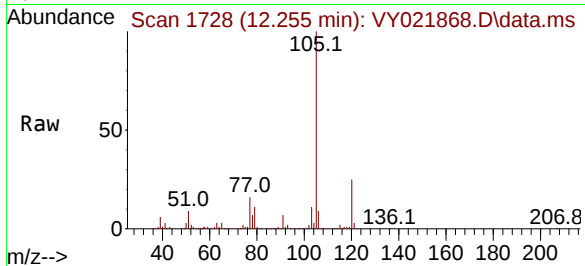




#73
Isopropylbenzene
Concen: 18.778 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

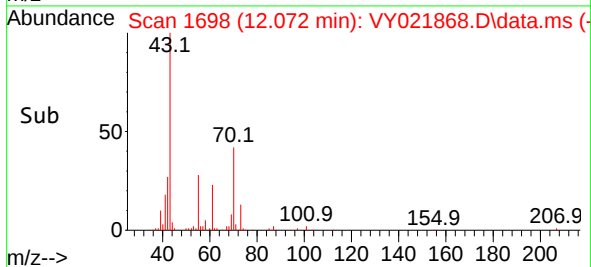
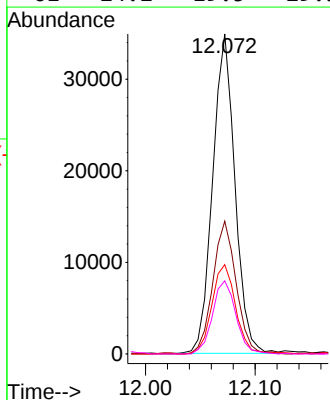
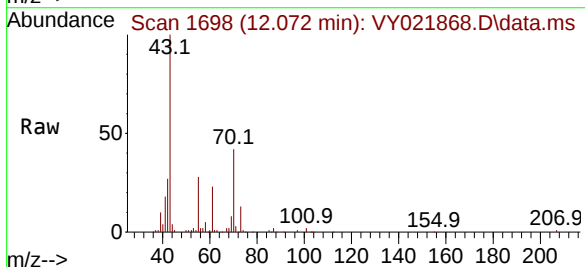
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

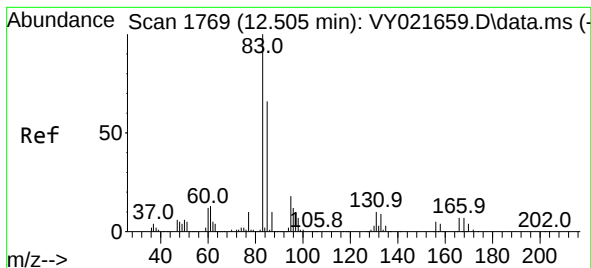
Tgt Ion:105 Resp: 227543
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 17.313 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 43 Resp: 49237
Ion Ratio Lower Upper
43 100
70 43.6 34.7 52.1
55 30.2 21.2 31.8
61 24.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.763 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

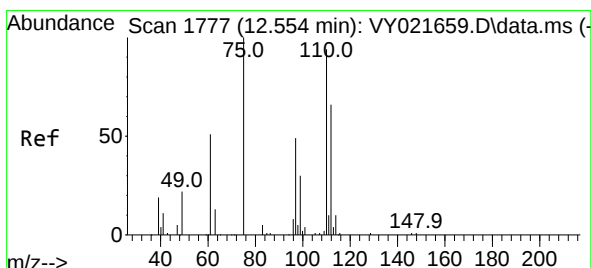
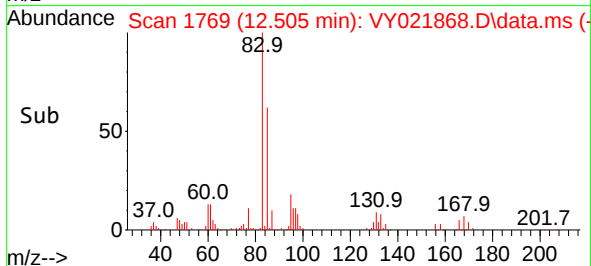
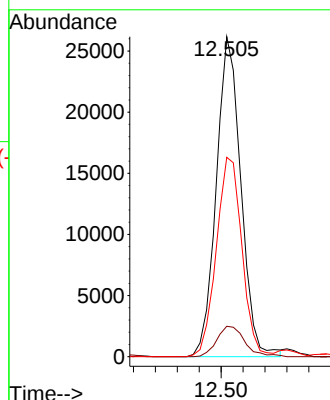
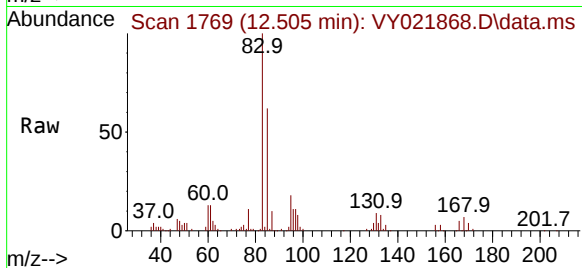
Tgt Ion: 83 Resp: 40877

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.064 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021868.D

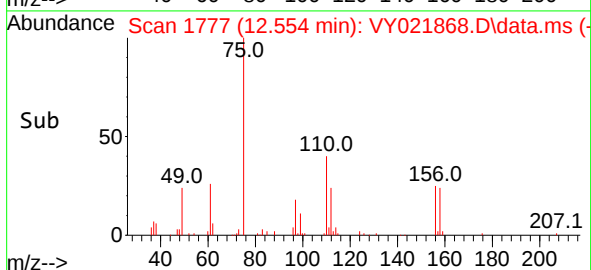
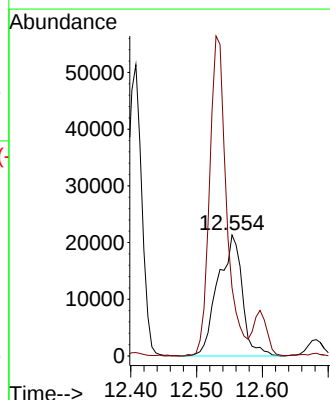
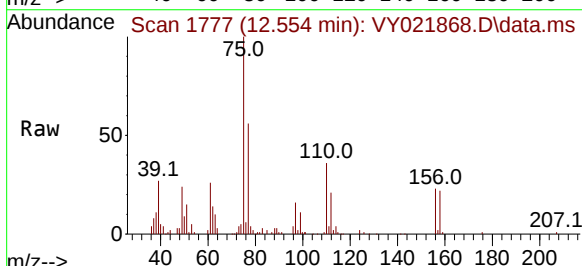
Acq: 14 Apr 2025 11:28

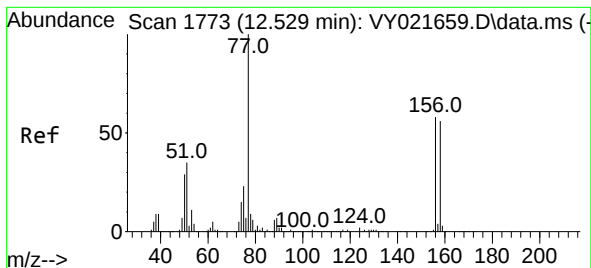
Tgt Ion: 75 Resp: 55088

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.453 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

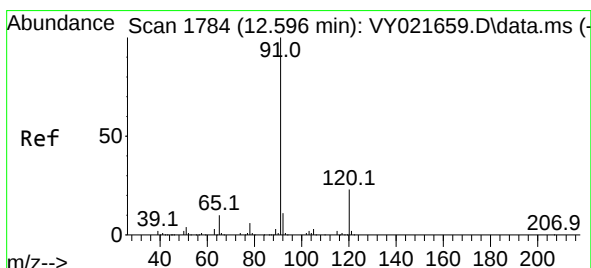
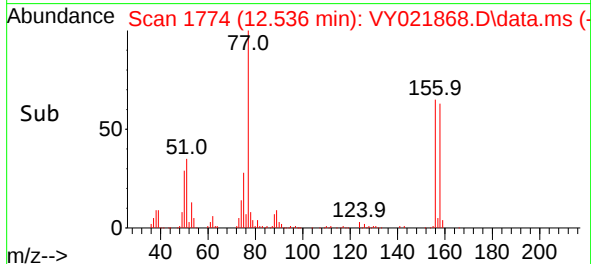
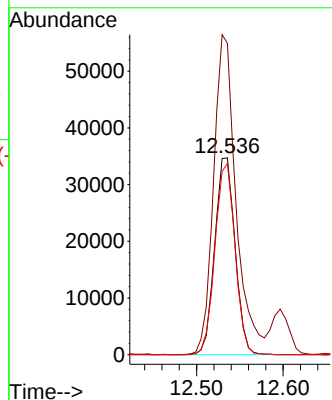
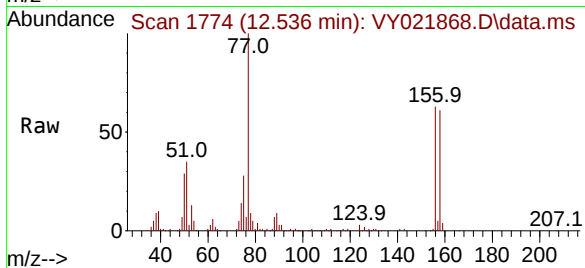
Tgt Ion:156 Resp: 56597

Ion Ratio Lower Upper

156 100

77 179.9 92.8 278.3

158 96.0 48.5 145.6



#78

n-propylbenzene

Concen: 19.117 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021868.D

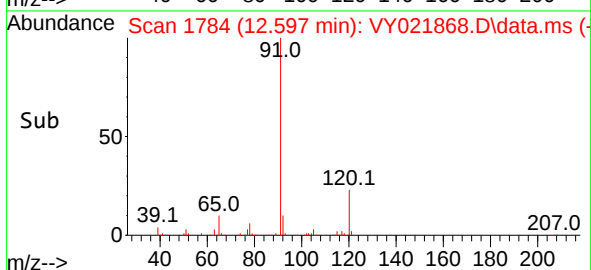
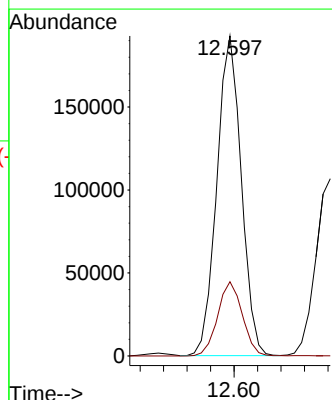
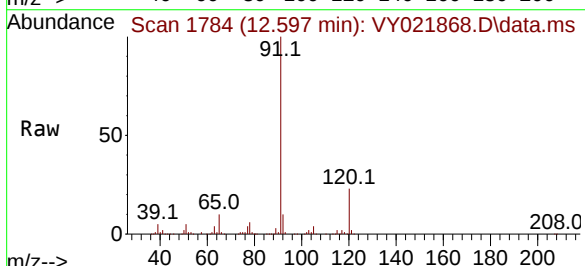
Acq: 14 Apr 2025 11:28

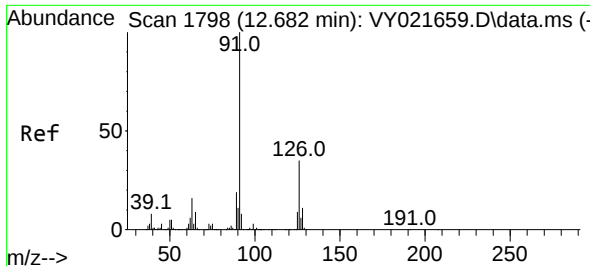
Tgt Ion: 91 Resp: 278494

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

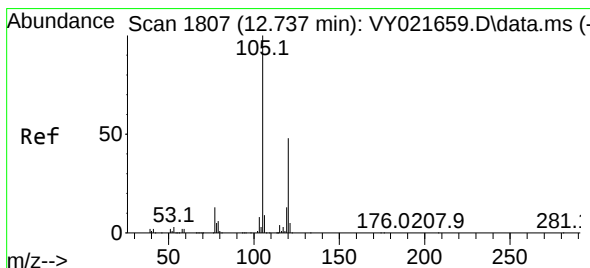
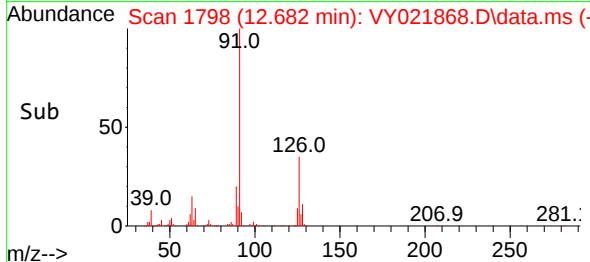
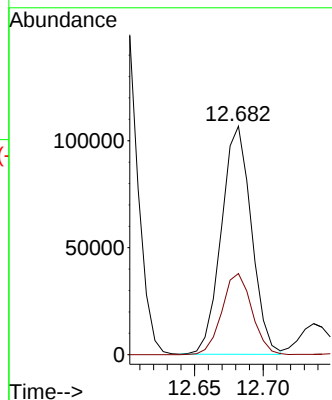
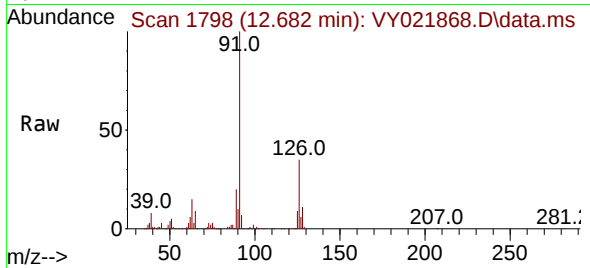




#79
2-Chlorotoluene
Concen: 19.242 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

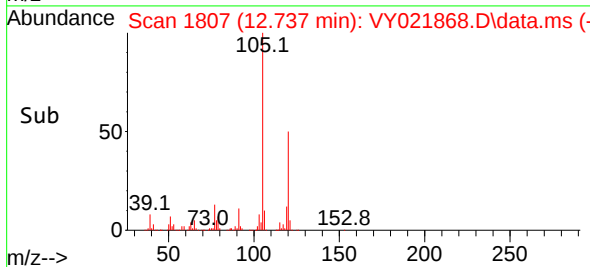
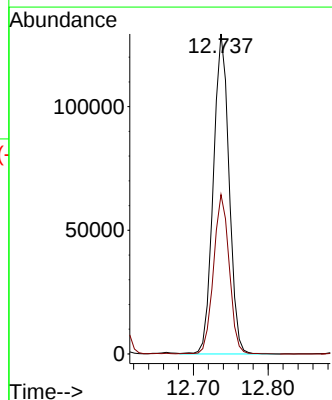
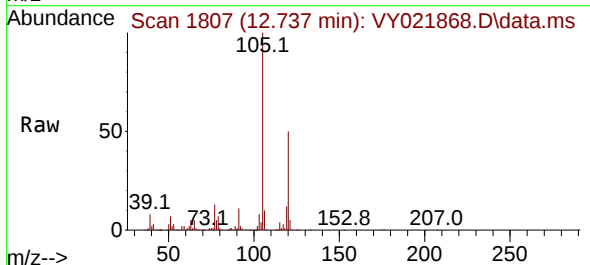
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

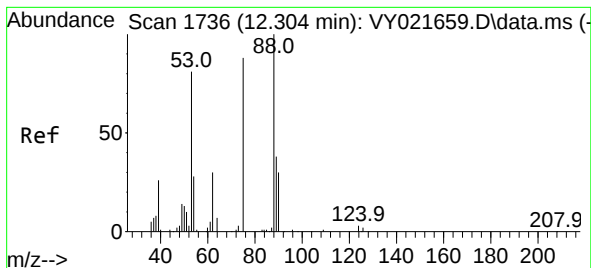
Tgt Ion: 91 Resp: 162817
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.111 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 105 Resp: 189264
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5

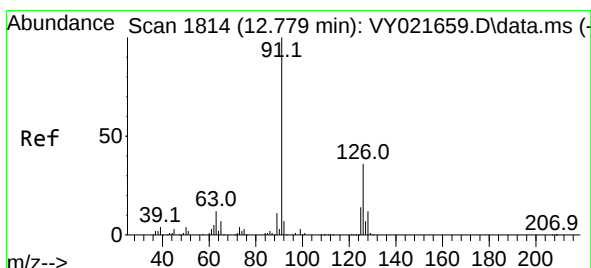
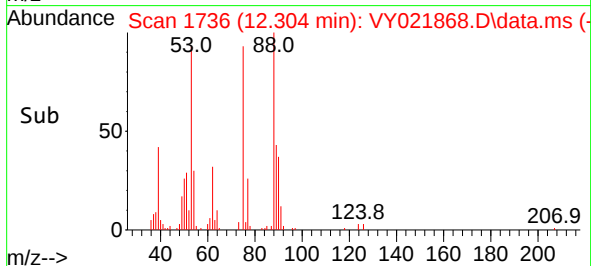
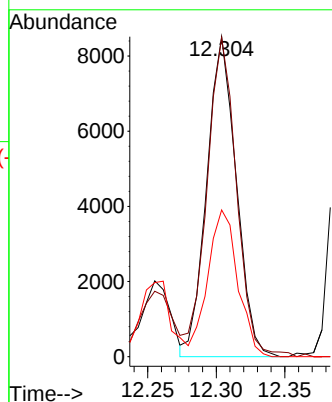
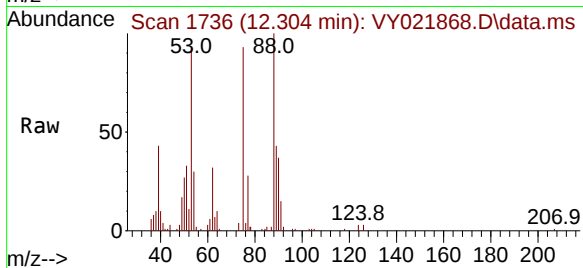




#81
trans-1,4-Dichloro-2-butene
Concen: 18.136 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

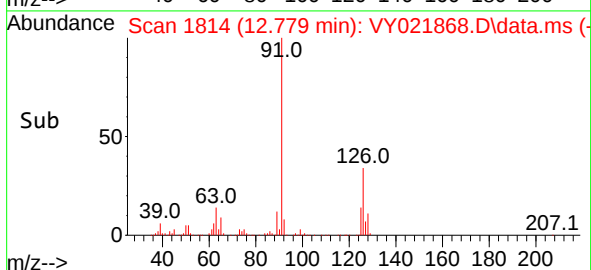
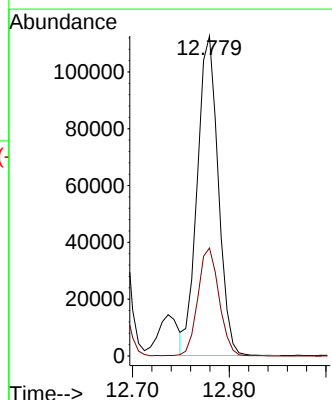
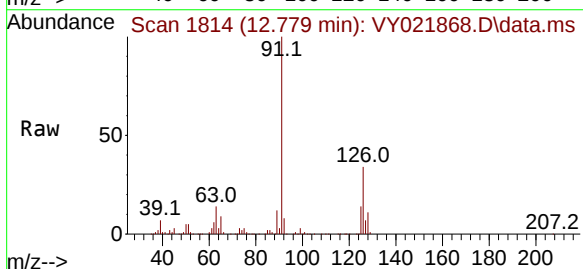
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

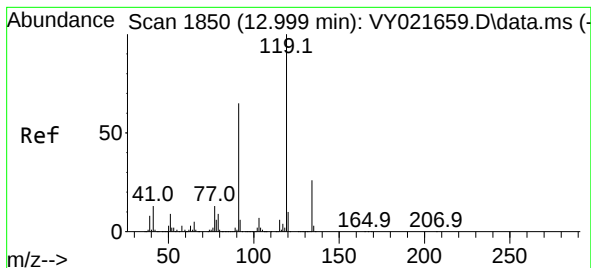
Tgt Ion: 75 Resp: 12729
Ion Ratio Lower Upper
75 100
53 100.2 76.1 114.1
89 46.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.217 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 91 Resp: 169524
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.553 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

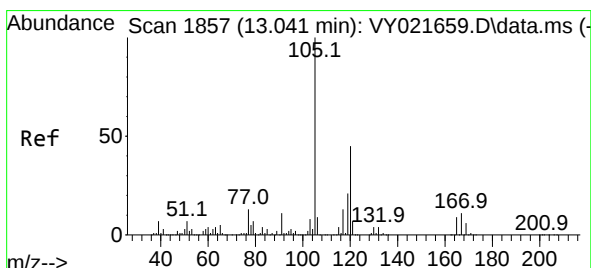
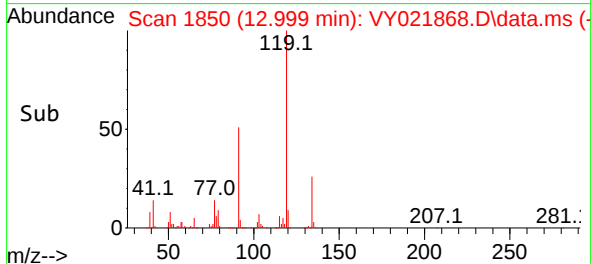
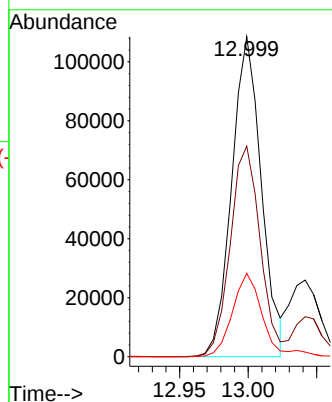
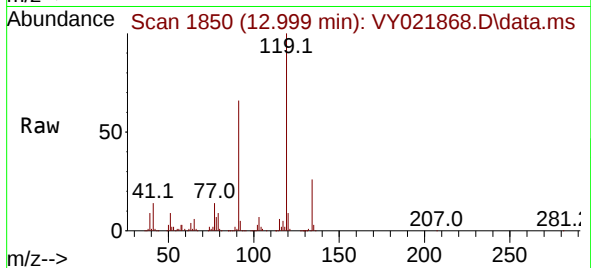
Tgt Ion:119 Resp: 163654

Ion Ratio Lower Upper

119 100

91 66.2 32.6 97.7

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.649 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021868.D

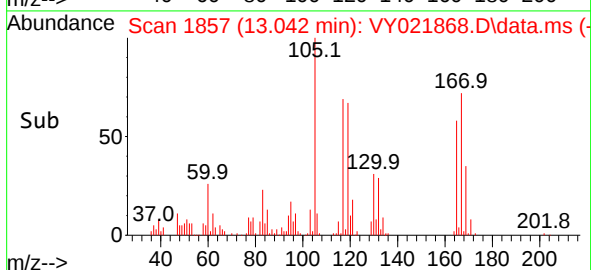
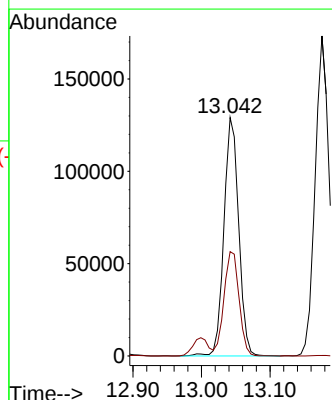
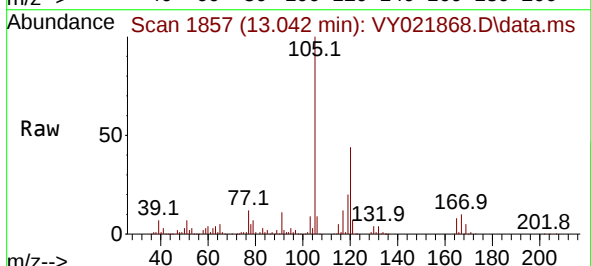
Acq: 14 Apr 2025 11:28

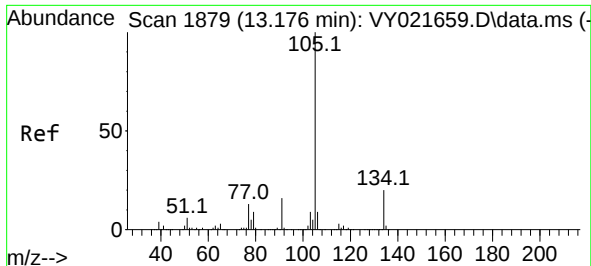
Tgt Ion:105 Resp: 192330

Ion Ratio Lower Upper

105 100

120 44.5 22.7 68.1

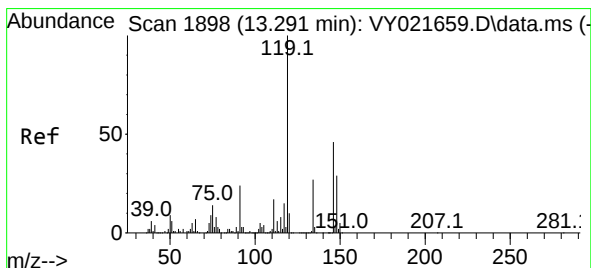
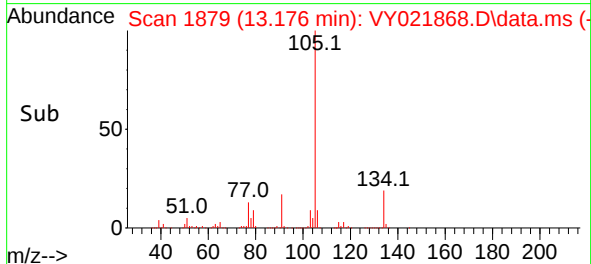
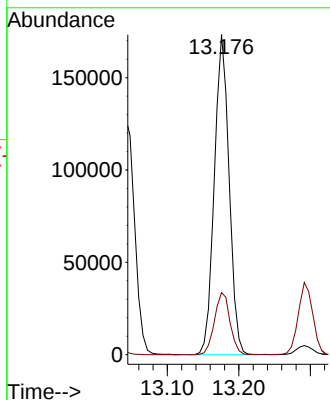
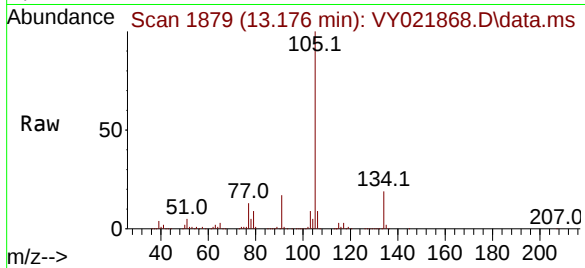




#85
 sec-Butylbenzene
 Concen: 19.294 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021868.D
 Acq: 14 Apr 2025 11:28

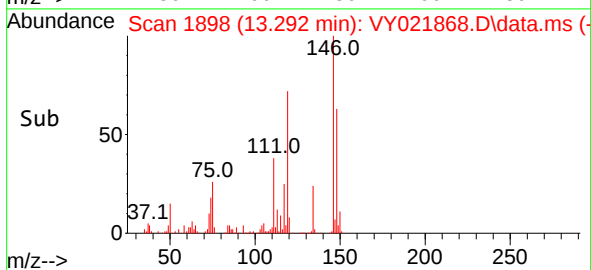
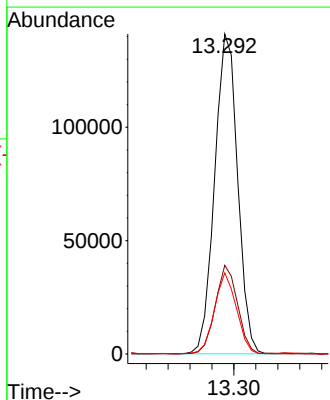
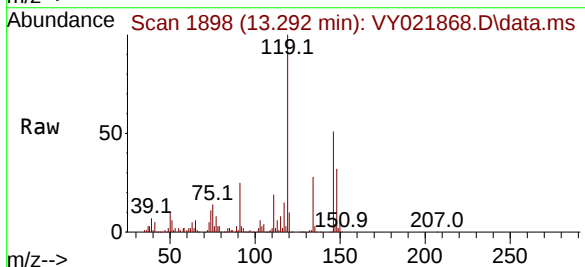
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBSD01

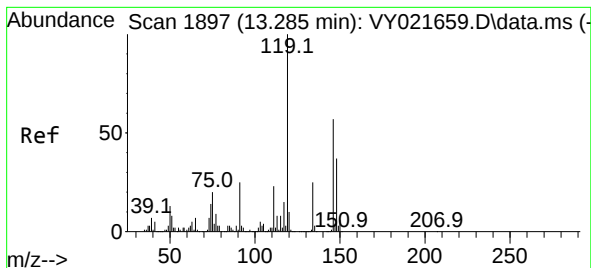
Tgt Ion:105 Resp: 248722
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.271 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021868.D
 Acq: 14 Apr 2025 11:28

Tgt Ion:119 Resp: 205324
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.046 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

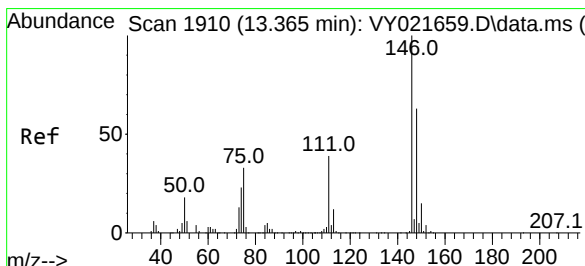
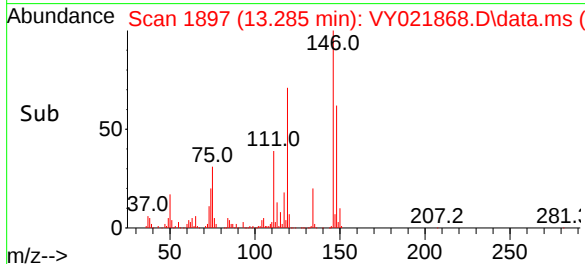
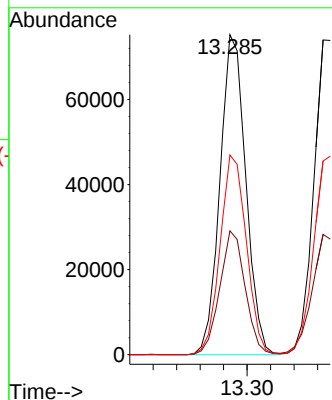
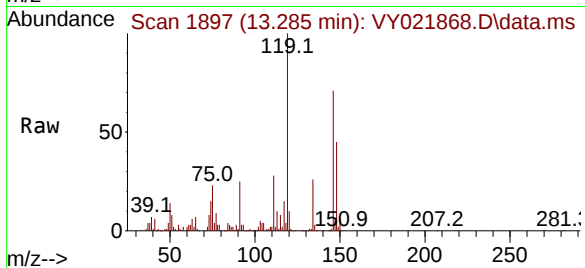
Tgt Ion:146 Resp: 114903

Ion Ratio Lower Upper

146 100

111 38.0 20.0 60.0

148 63.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.417 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

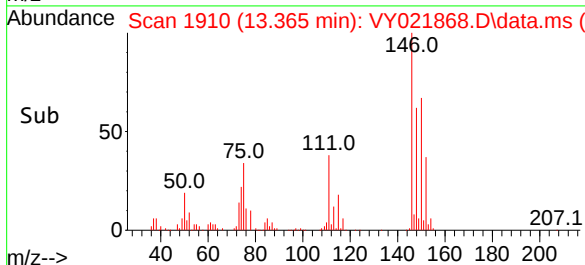
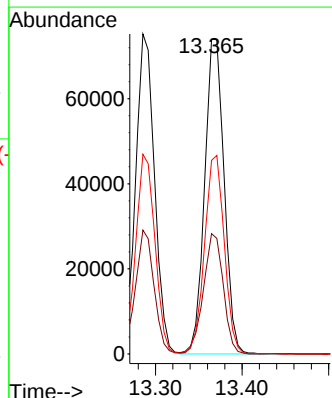
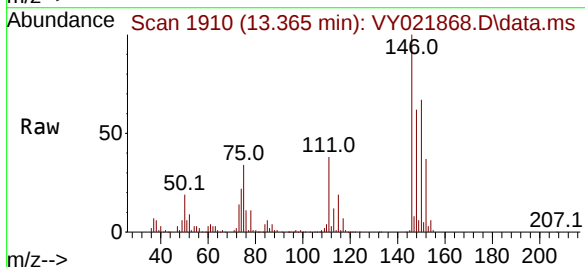
Tgt Ion:146 Resp: 115625

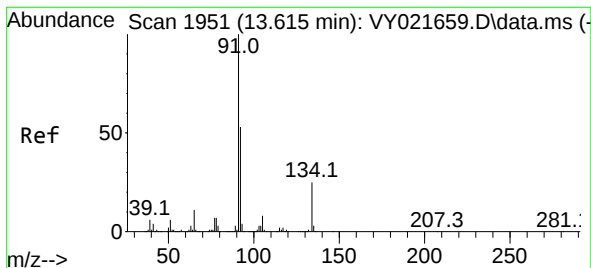
Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 19.112 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

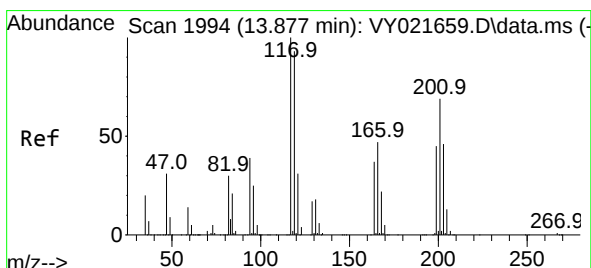
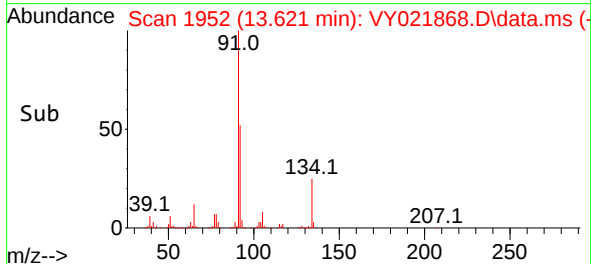
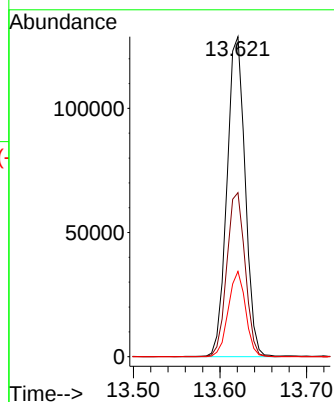
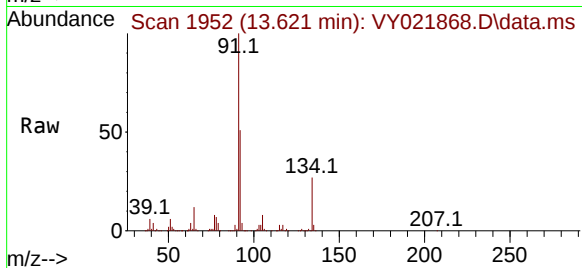
Tgt Ion: 91 Resp: 188317

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.2

134 25.3 12.8 38.4



#90

Hexachloroethane

Concen: 19.411 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021868.D

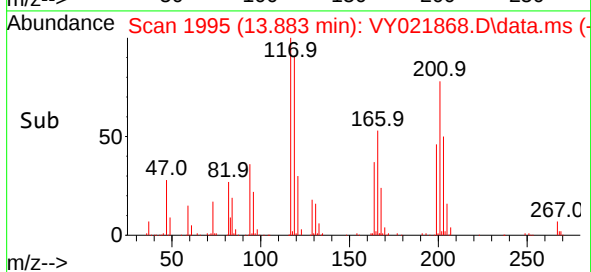
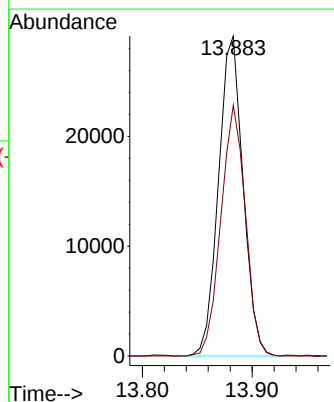
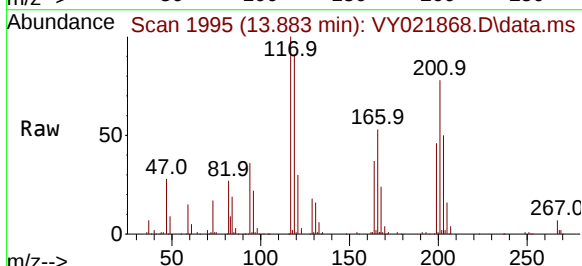
Acq: 14 Apr 2025 11:28

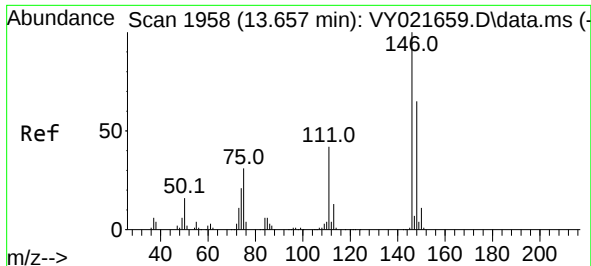
Tgt Ion: 117 Resp: 45320

Ion Ratio Lower Upper

117 100

201 78.2 37.4 112.1

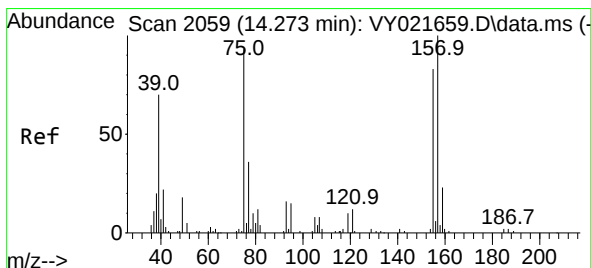
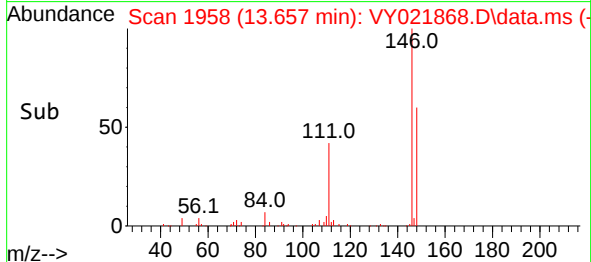
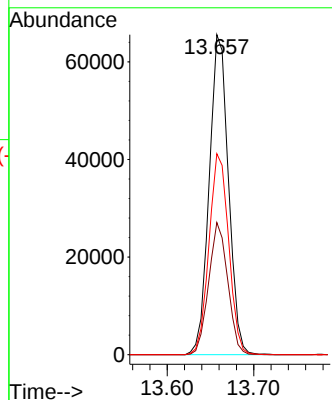
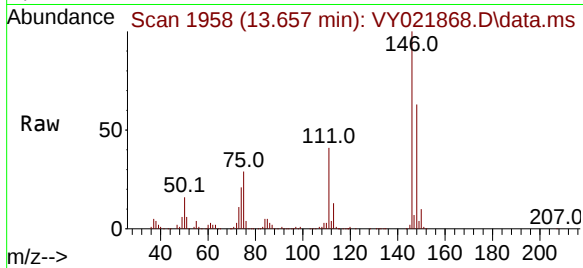




#91
1,2-Dichlorobenzene
Concen: 20.243 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

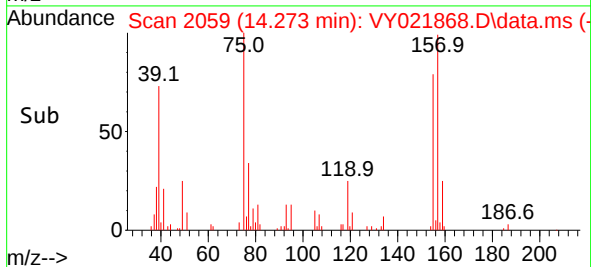
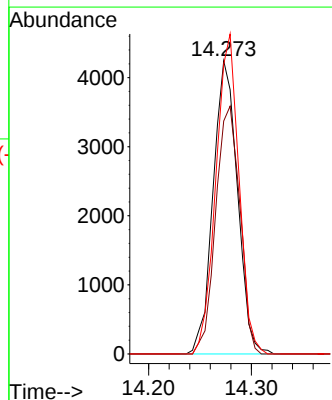
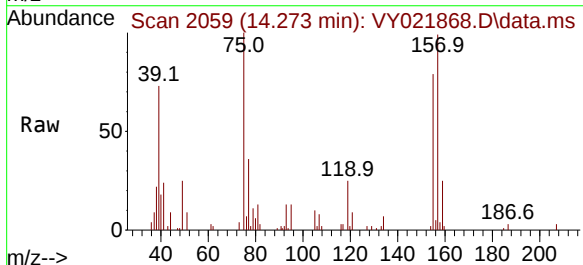
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

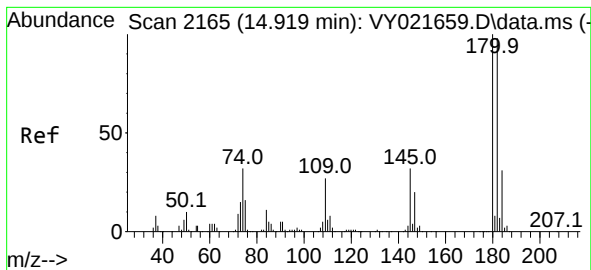
Tgt Ion:146 Resp: 101007
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.680 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021868.D
Acq: 14 Apr 2025 11:28

Tgt Ion: 75 Resp: 6983
Ion Ratio Lower Upper
75 100
155 83.8 43.0 128.8
157 103.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.578 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

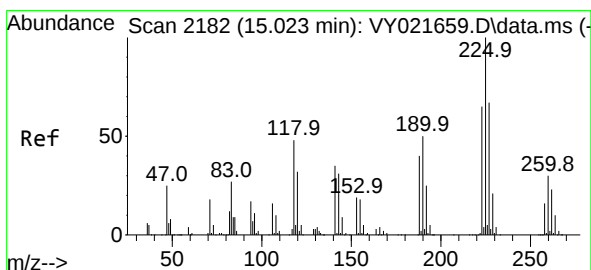
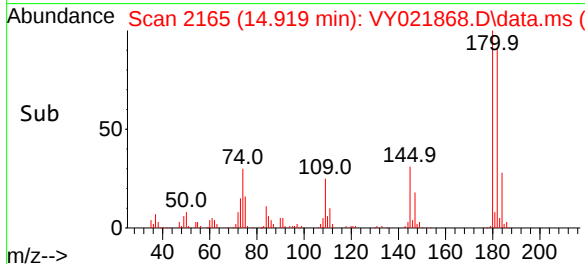
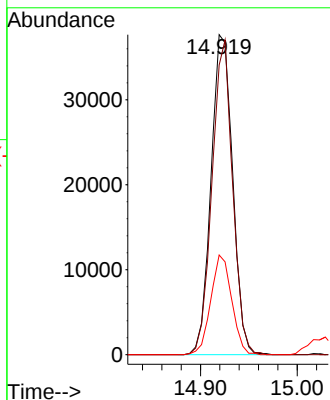
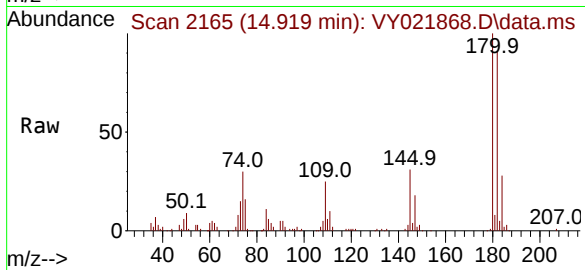
Tgt Ion:180 Resp: 58389

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 30.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 21.338 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

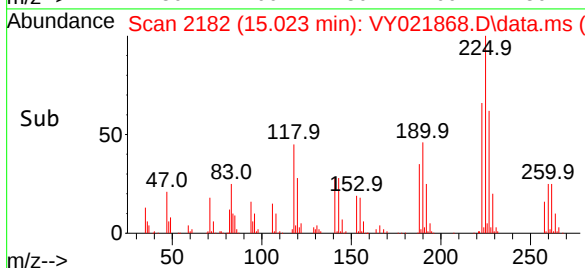
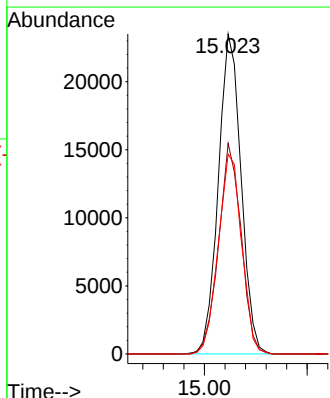
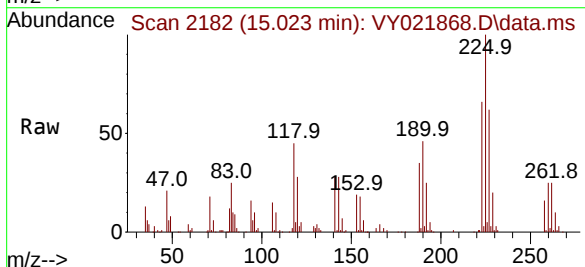
Tgt Ion:225 Resp: 36060

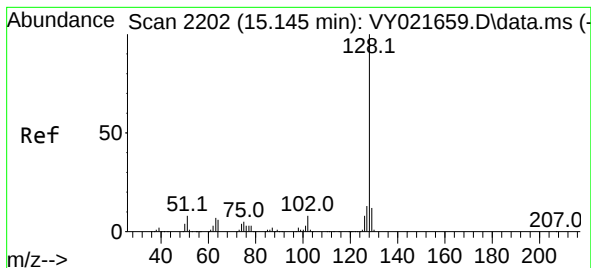
Ion Ratio Lower Upper

225 100

223 65.0 31.9 95.7

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 21.183 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBSD01

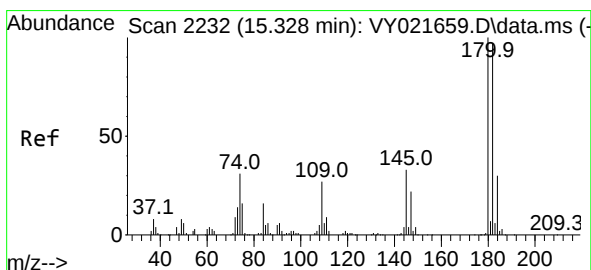
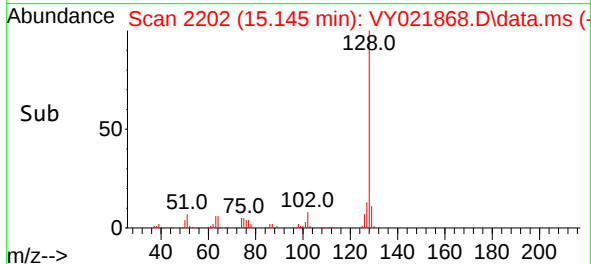
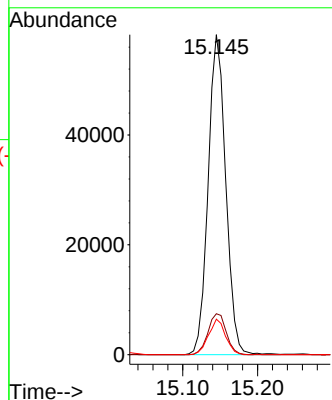
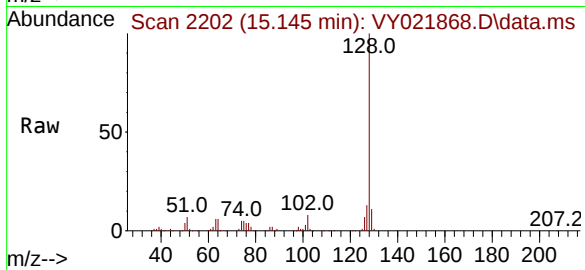
Tgt Ion:128 Resp: 95010

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.589 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021868.D

Acq: 14 Apr 2025 11:28

Tgt Ion:180 Resp: 49817

Ion Ratio Lower Upper

180 100

182 97.6 47.5 142.5

145 32.7 15.9 47.7

