

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021498.D
 Acq On : 11 Mar 2025 19:49
 Operator : SY/MD
 Sample : VY0311SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

Quant Time: Mar 12 01:26:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	194615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	281655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104506	50.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.634	113	98905	48.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.460%	
50) Toluene-d8	10.103	98	363483	47.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.401	95	127451	48.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	31348	17.553	ug/l	94
3) Chloromethane	2.068	50	50237	19.952	ug/l	98
4) Vinyl Chloride	2.202	62	55614	20.212	ug/l	99
5) Bromomethane	2.586	94	37126	18.669	ug/l	99
6) Chloroethane	2.732	64	39286	21.605	ug/l	97
7) Trichlorofluoromethane	3.056	101	79762	20.768	ug/l	93
8) Diethyl Ether	3.458	74	20151	18.933	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	41621	18.981	ug/l	98
10) Methyl Iodide	4.001	142	43258	19.408	ug/l	98
11) Tert butyl alcohol	4.854	59	13765	88.354	ug/l	100
12) 1,1-Dichloroethene	3.787	96	36890	18.453	ug/l	92
13) Acrolein	3.647	56	10805	103.274	ug/l	98
14) Allyl chloride	4.378	41	60685	18.784	ug/l	99
15) Acrylonitrile	5.061	53	45232	99.834	ug/l	99
16) Acetone	3.866	43	36115	80.498	ug/l	100
17) Carbon Disulfide	4.104	76	114009	18.197	ug/l	99
18) Methyl Acetate	4.378	43	21101	21.197	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	96033	18.953	ug/l	95
20) Methylene Chloride	4.610	84	49673	21.092	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	42235	18.865	ug/l	96
22) Diisopropyl ether	6.018	45	139209	19.994	ug/l	99
23) Vinyl Acetate	5.957	43	383957	96.630	ug/l	99
24) 1,1-Dichloroethane	5.915	63	80938	19.697	ug/l	99
25) 2-Butanone	6.890	43	56808	91.536	ug/l	94
26) 2,2-Dichloropropane	6.884	77	66733	17.650	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	48305	18.992	ug/l	98
28) Bromochloromethane	7.244	49	34043	19.761	ug/l	96
29) Tetrahydrofuran	7.256	42	40241	105.032	ug/l	95
30) Chloroform	7.421	83	86112	20.181	ug/l	100
31) Cyclohexane	7.707	56	67539	17.532	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	75196	19.247	ug/l	99
36) 1,1-Dichloropropene	7.835	75	58165	18.309	ug/l	99
37) Ethyl Acetate	6.976	43	26875	19.140	ug/l	98
38) Carbon Tetrachloride	7.817	117	67864	18.575	ug/l	96
39) Methylcyclohexane	9.109	83	65561	16.825	ug/l	98
40) Benzene	8.079	78	179237	19.153	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11923	15.595	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	52485	20.048	ug/l	100
43) Isopropyl Acetate	8.195	43	51549	18.912	ug/l #	88
44) Trichloroethene	8.866	130	44926	18.998	ug/l	99
45) 1,2-Dichloropropane	9.140	63	43661	19.603	ug/l	99
46) Dibromomethane	9.231	93	25487	20.566	ug/l	96
47) Bromodichloromethane	9.420	83	65569	19.923	ug/l	98
48) Methyl methacrylate	9.219	41	23760	18.983	ug/l	97
49) 1,4-Dioxane	9.225	88	5157	423.962	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	137669	97.888	ug/l	98
52) Toluene	10.170	92	113101	19.170	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	55144	19.018	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	64295	18.677	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	32265	19.903	ug/l	96
56) Ethyl methacrylate	10.438	69	38583	18.662	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55594	19.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99413	104.164	ug/l	100
59) 2-Hexanone	10.762	43	89766	96.529	ug/l	96
60) Dibromochloromethane	10.908	129	43431	19.542	ug/l	100
61) 1,2-Dibromoethane	11.011	107	29777	19.463	ug/l	99
64) Tetrachloroethene	10.646	164	48697	21.262	ug/l	98
65) Chlorobenzene	11.444	112	122779	18.460	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	44311	18.844	ug/l	99
67) Ethyl Benzene	11.517	91	205295	17.585	ug/l	99
68) m/p-Xylenes	11.627	106	161369	36.409	ug/l	100
69) o-Xylene	11.956	106	74384	18.210	ug/l	97
70) Styrene	11.969	104	128267	18.928	ug/l	97
71) Bromoform	12.133	173	24204	18.413	ug/l #	95
73) Isopropylbenzene	12.255	105	193399	16.769	ug/l	100
74) N-amyl acetate	12.066	43	43139	17.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36082	17.729	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	48279	32.724	ug/l #	100
77) Bromobenzene	12.529	156	48089	17.823	ug/l	98
78) n-propylbenzene	12.597	91	240613	17.179	ug/l	99
79) 2-Chlorotoluene	12.682	91	141628	17.684	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	161097	17.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	10619	16.363	ug/l	95
82) 4-Chlorotoluene	12.779	91	148090	17.857	ug/l	99
83) tert-Butylbenzene	12.999	119	143956	17.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	162703	17.484	ug/l	99
85) sec-Butylbenzene	13.176	105	212401	17.074	ug/l	99
86) p-Isopropyltoluene	13.292	119	173235	16.903	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	93577	17.423	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	91531	17.426	ug/l	98
89) n-Butylbenzene	13.615	91	159001	16.801	ug/l	100
90) Hexachloroethane	13.877	117	38205	17.474	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	82519	17.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5194	17.037	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	41334	16.440	ug/l	97
94) Hexachlorobutadiene	15.023	225	26717	16.952	ug/l	99
95) Naphthalene	15.145	128	64312	17.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	35094	16.596	ug/l	98

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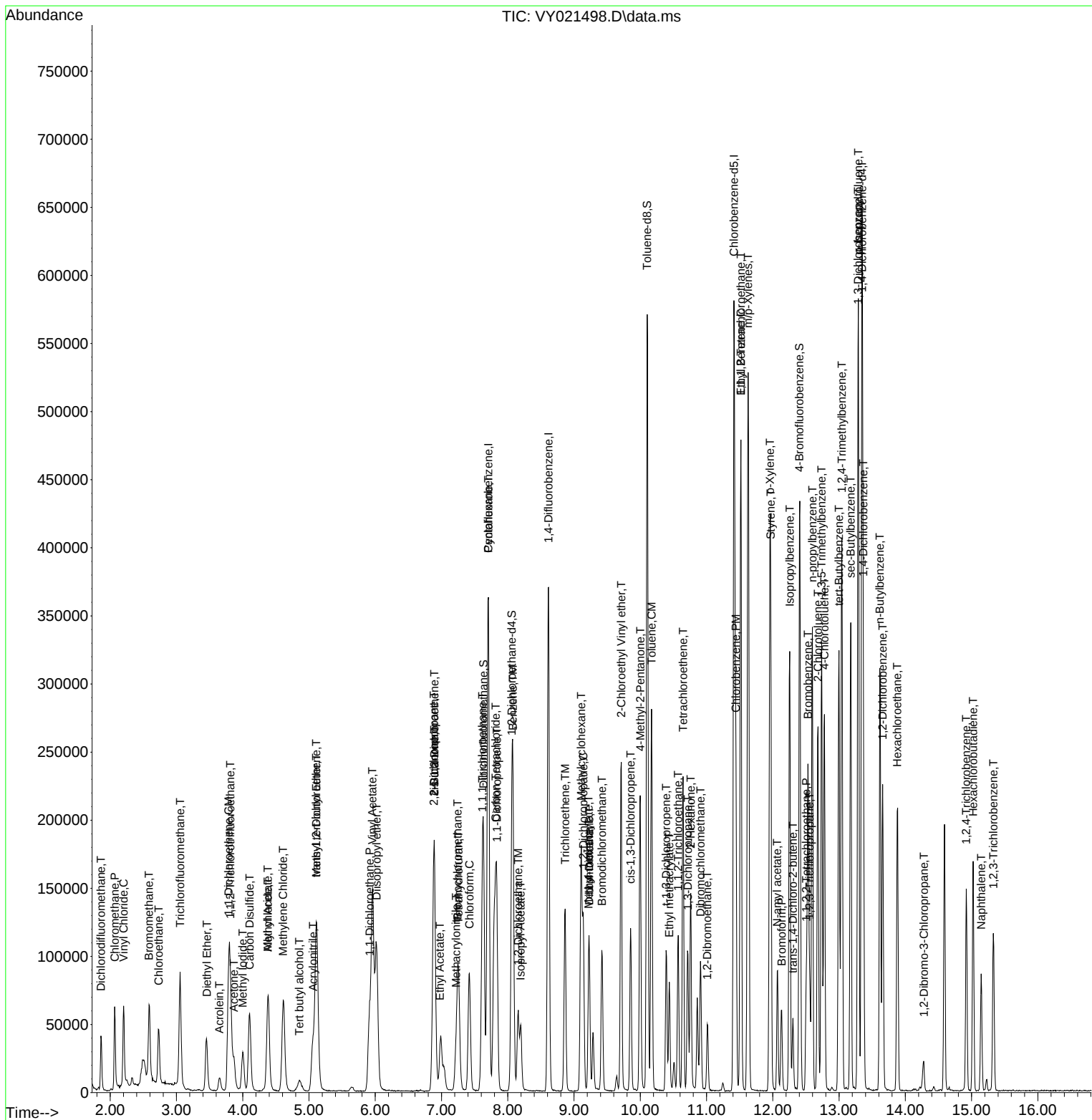
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

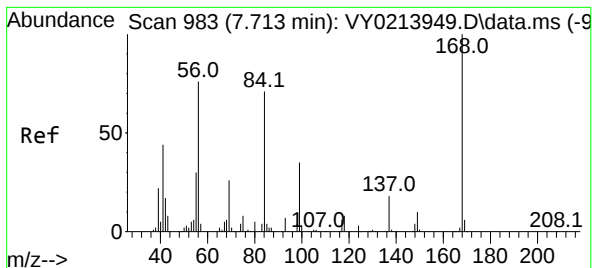
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021498.D

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Instrument :

MSVOA_Y

ClientSampleId :

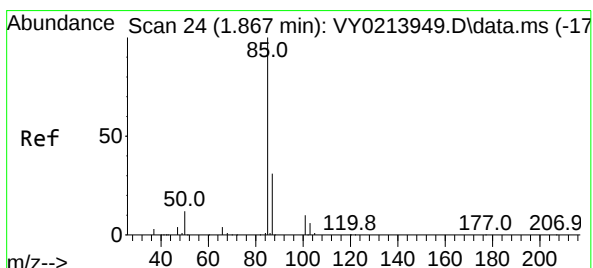
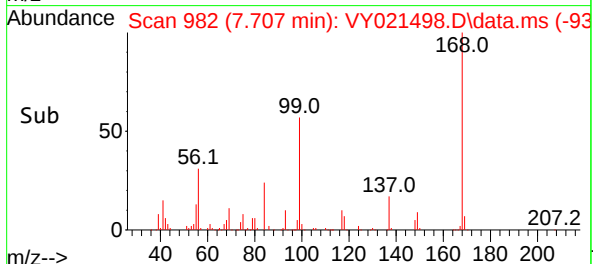
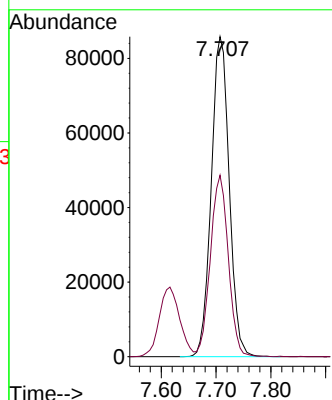
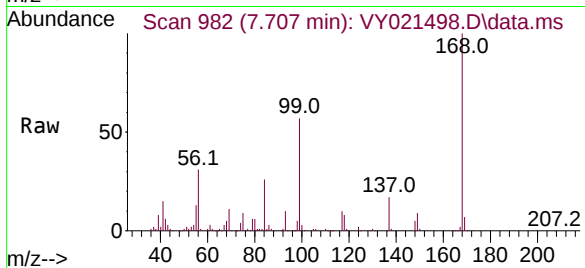
VY0311SBS02

Tgt Ion:168 Resp: 194615

Ion Ratio Lower Upper

168 100

99 56.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 17.553 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021498.D

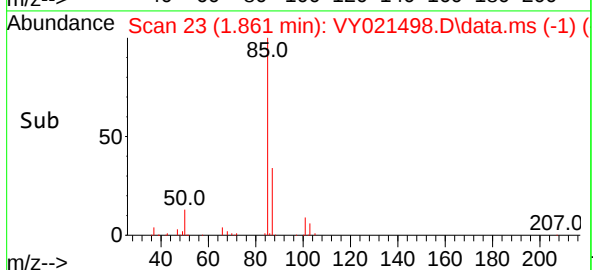
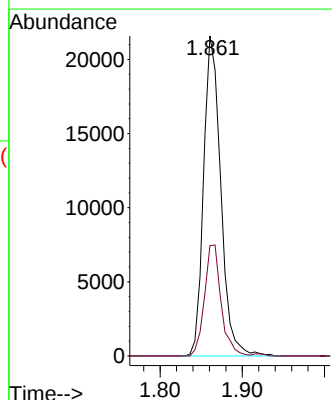
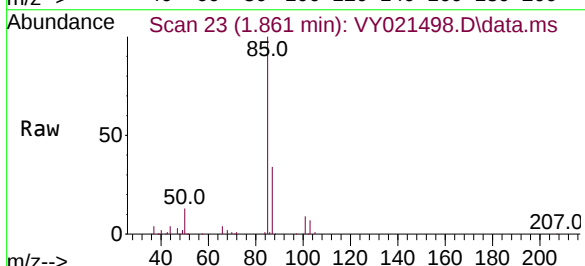
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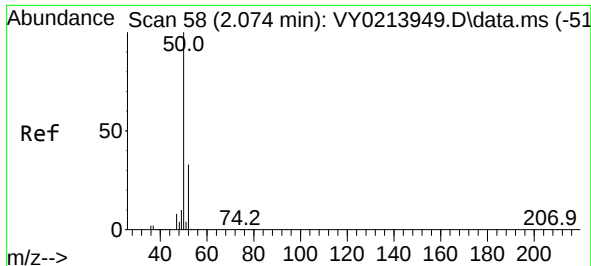
Tgt Ion: 85 Resp: 31348

Ion Ratio Lower Upper

85 100

87 34.5 15.7 47.0

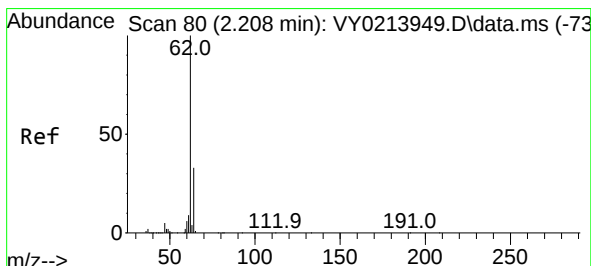
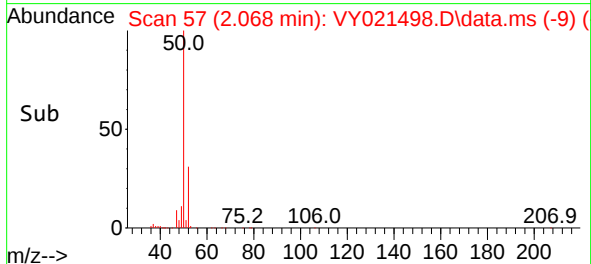
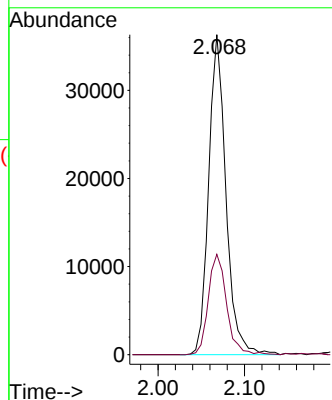
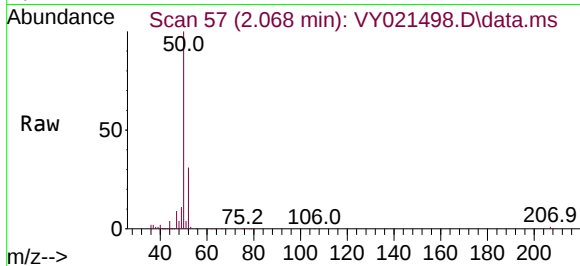




#3
Chloromethane
Concen: 19.952 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021498.D
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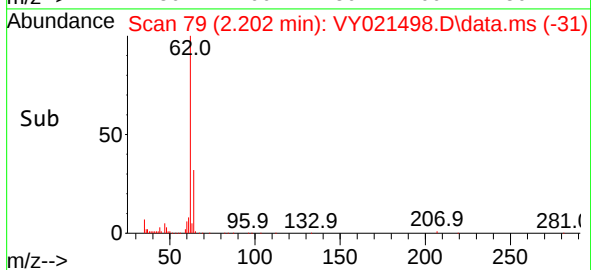
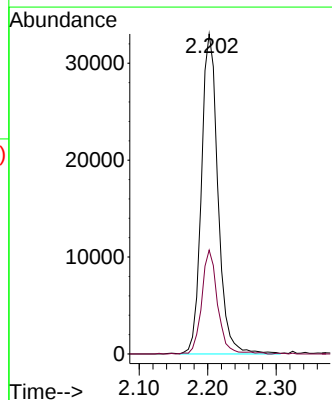
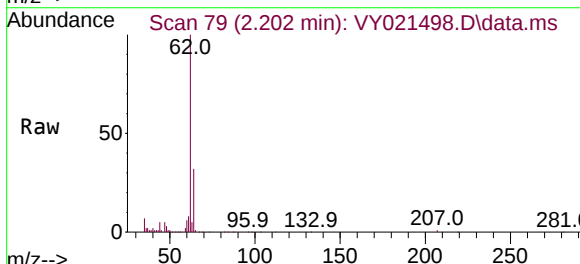
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ClientSampleId :
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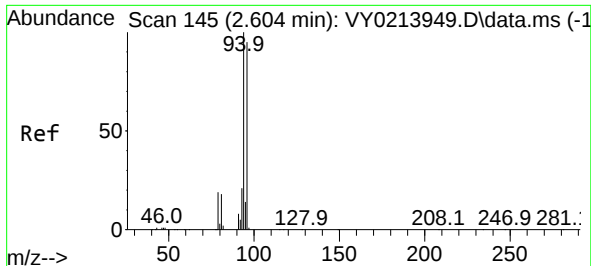
Tgt Ion: 50 Resp: 50237
Ion Ratio Lower Upper
50 100
52 31.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.212 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 62 Resp: 55614
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2

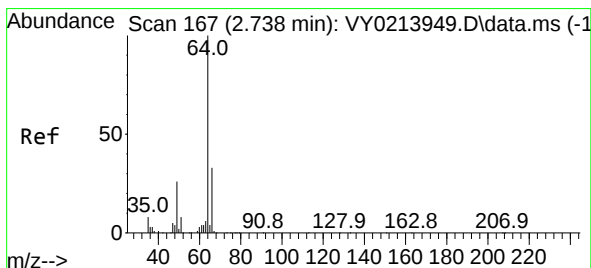
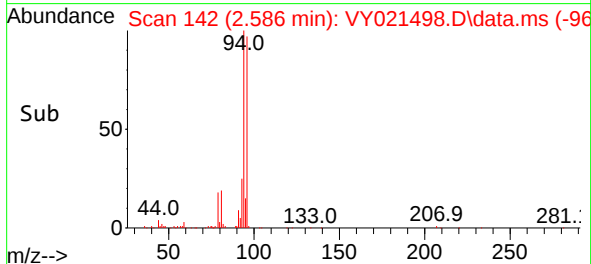
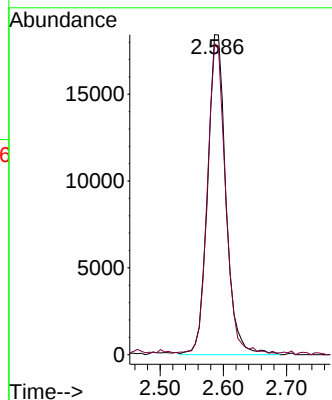
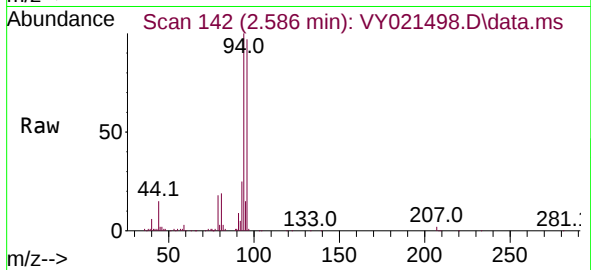




#5
Bromomethane
Concen: 18.669 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

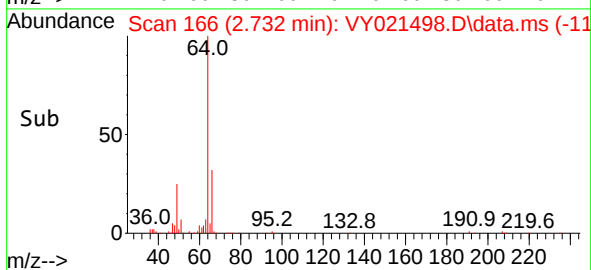
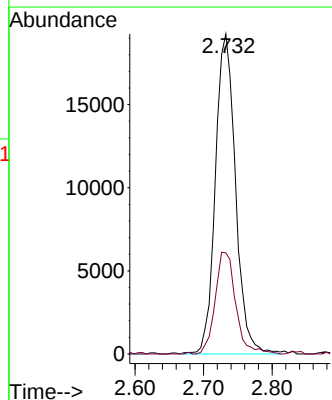
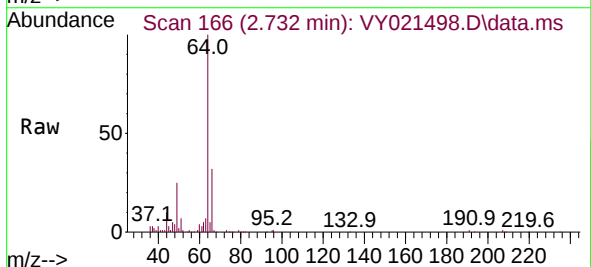
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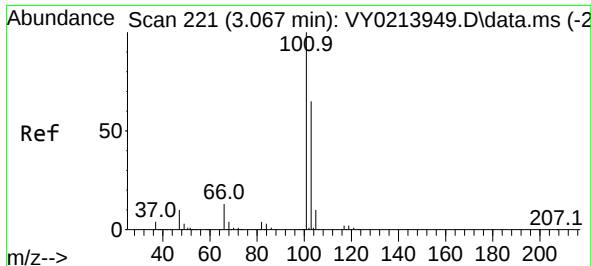
Tgt Ion: 94 Resp: 37126
Ion Ratio Lower Upper
94 100
96 96.5 76.3 114.5



#6
Chloroethane
Concen: 21.605 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 64 Resp: 39286
Ion Ratio Lower Upper
64 100
66 31.6 26.7 40.1

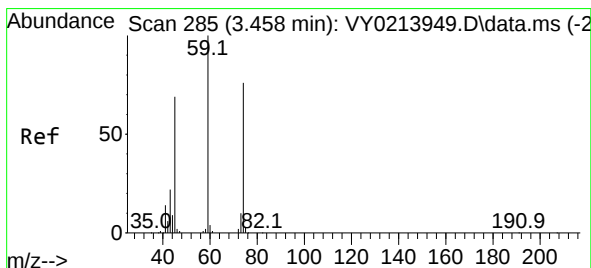
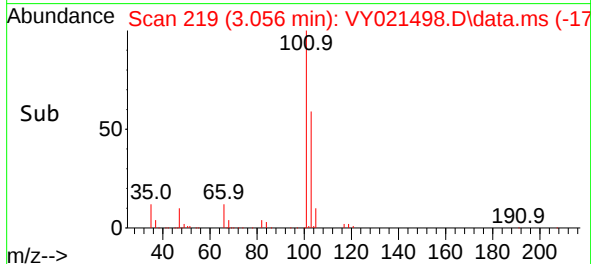
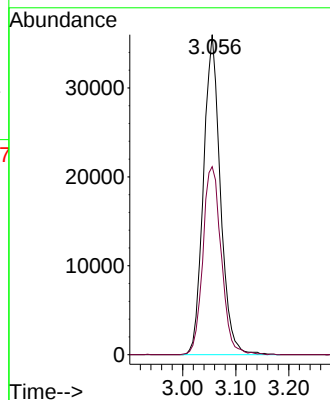
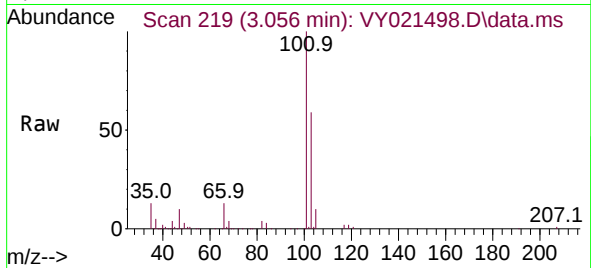




#7
 Trichlorofluoromethane
 Concen: 20.768 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

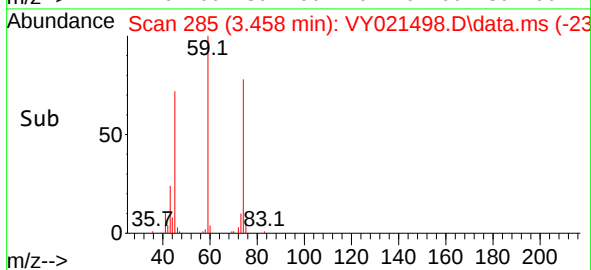
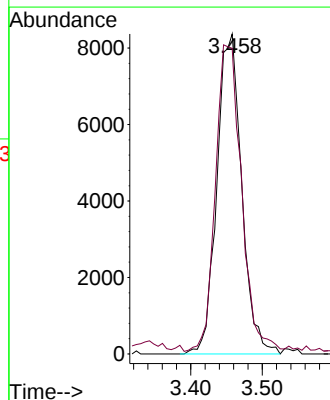
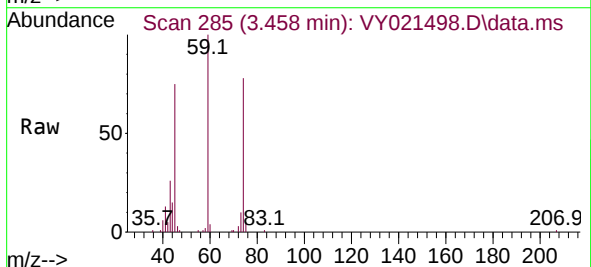
Instrument :
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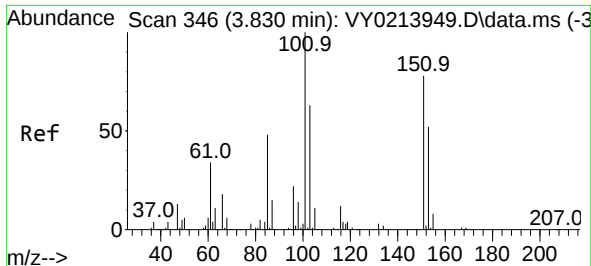
Tgt Ion:101 Resp: 79762
 Ion Ratio Lower Upper
 101 100
 103 58.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 18.933 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion: 74 Resp: 20151
 Ion Ratio Lower Upper
 74 100
 45 100.4 49.7 149.1

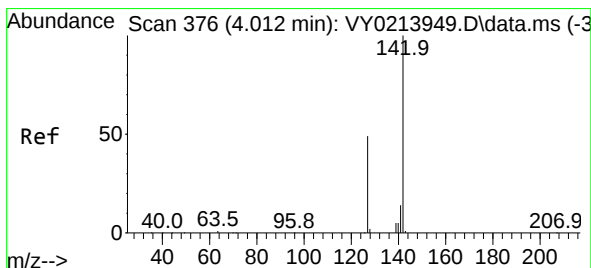
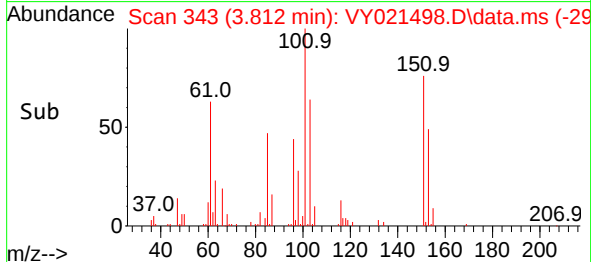
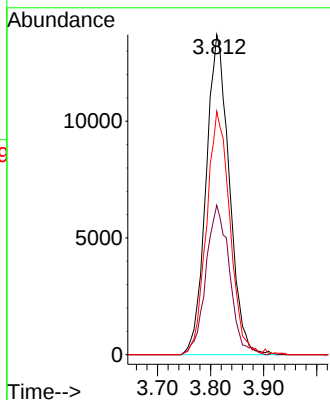
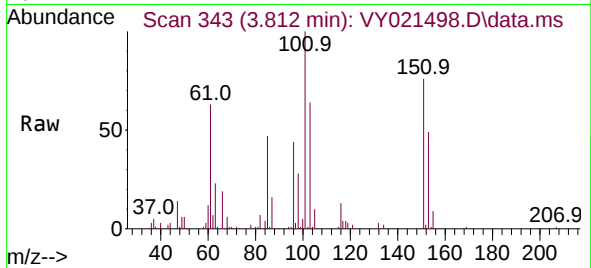




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.981 ug/l
 RT: 3.812 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

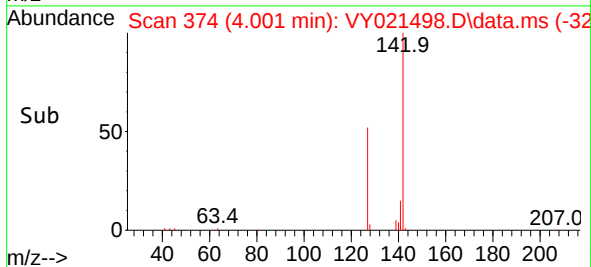
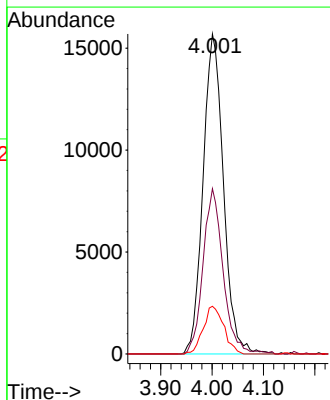
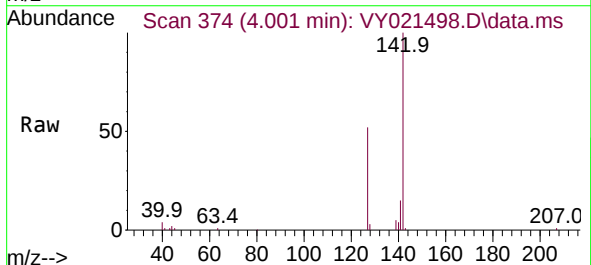
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

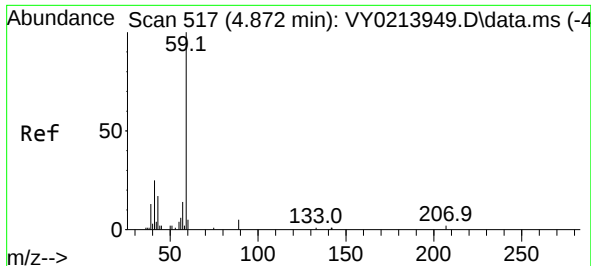
Tgt Ion:101 Resp: 41621
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.1 55.7
 151 76.3 62.1 93.1



#10
 Methyl Iodide
 Concen: 19.408 ug/l
 RT: 4.001 min Scan# 374
 Delta R.T. -0.012 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion:142 Resp: 43258
 Ion Ratio Lower Upper
 142 100
 127 50.9 39.1 58.7
 141 15.0 11.8 17.6

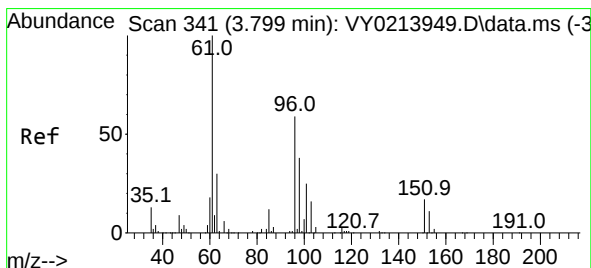
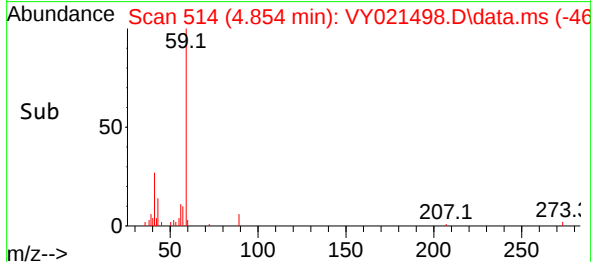
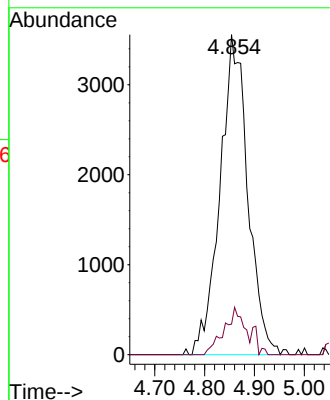
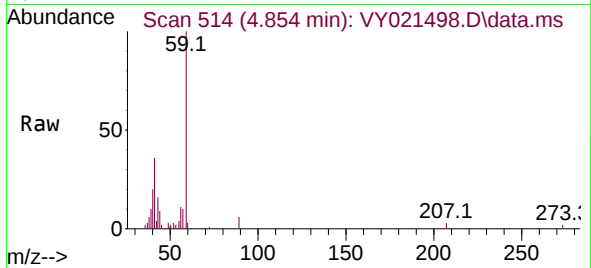




#11
Tert butyl alcohol
Concen: 88.354 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

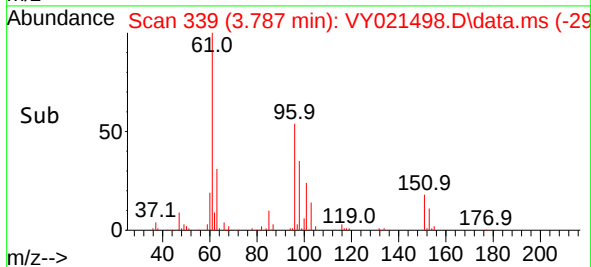
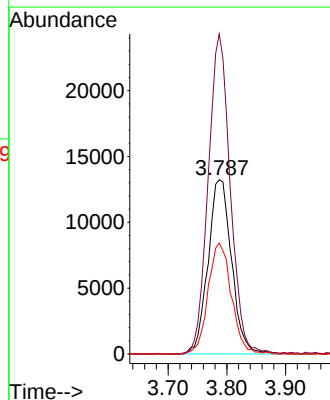
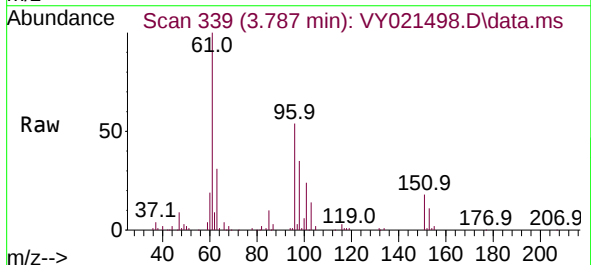
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

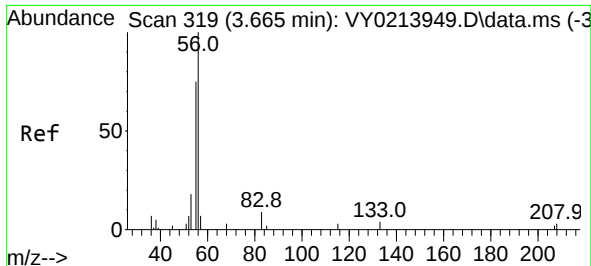
Tgt Ion: 59 Resp: 13765
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.453 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 96 Resp: 36890
Ion Ratio Lower Upper
96 100
61 183.6 135.2 202.8
98 63.6 51.4 77.2

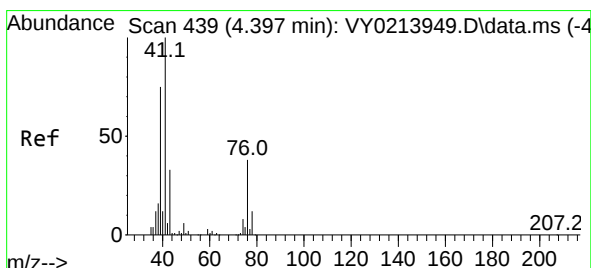
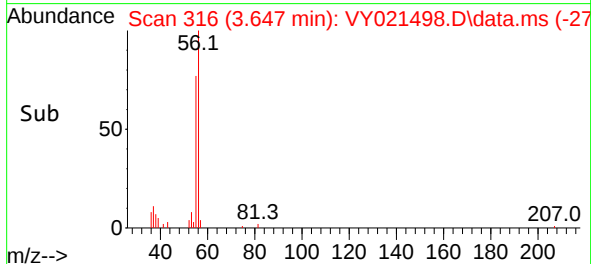
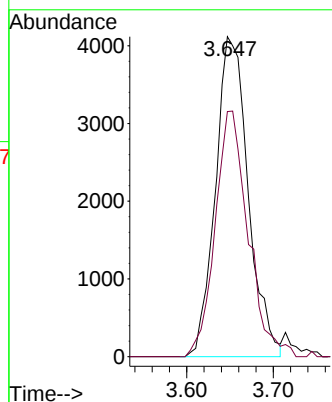
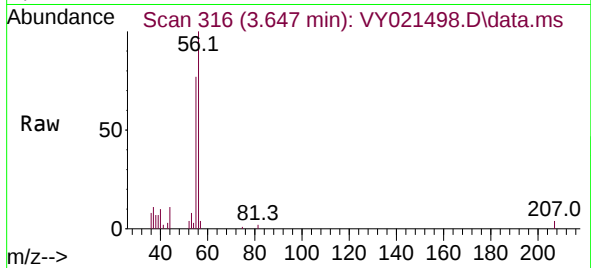




#13
Acrolein
Concen: 103.274 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

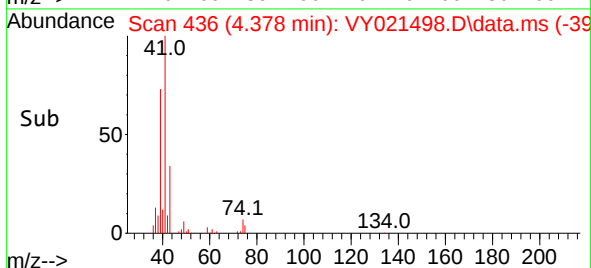
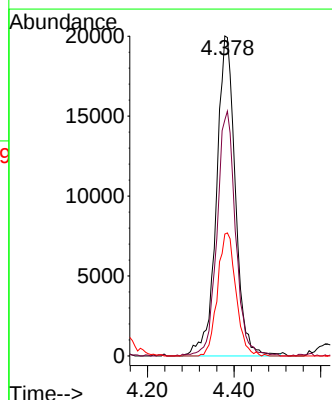
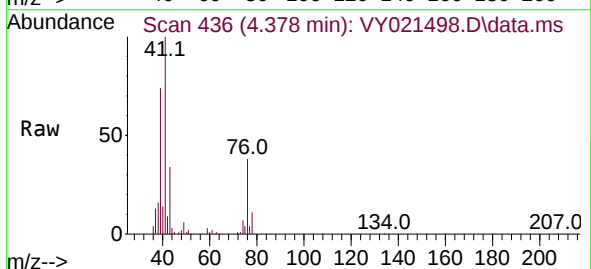
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

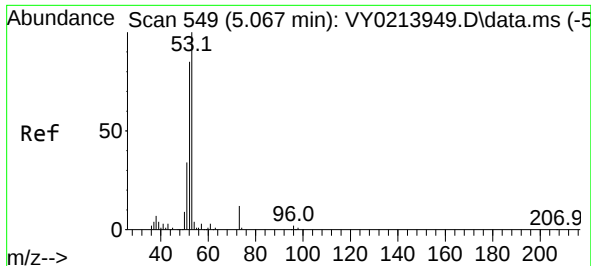
Tgt Ion: 56 Resp: 10805
Ion Ratio Lower Upper
56 100
55 77.4 63.4 95.2



#14
Allyl chloride
Concen: 18.784 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 41 Resp: 60685
Ion Ratio Lower Upper
41 100
39 75.4 59.3 88.9
76 37.4 29.8 44.8





#15

Acrylonitrile

Concen: 99.834 ug/l

RT: 5.061 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

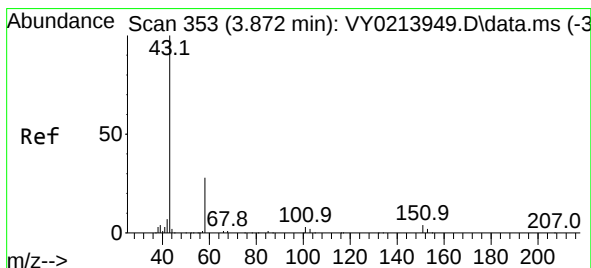
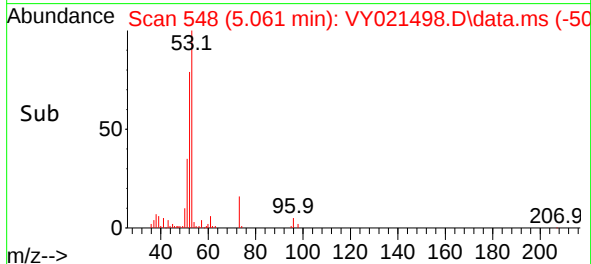
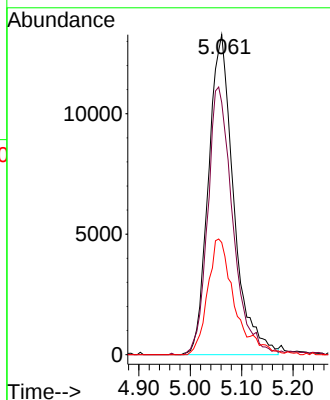
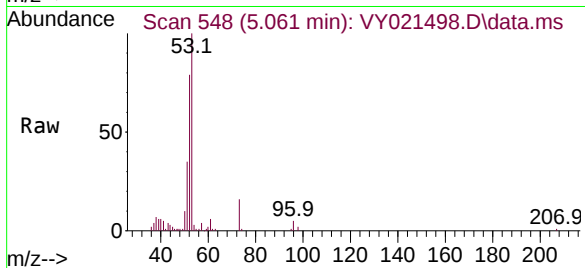
Tgt Ion: 53 Resp: 45232

Ion Ratio Lower Upper

53 100

52 83.2 66.3 99.5

51 38.6 30.3 45.5



#16

Acetone

Concen: 80.498 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021498.D

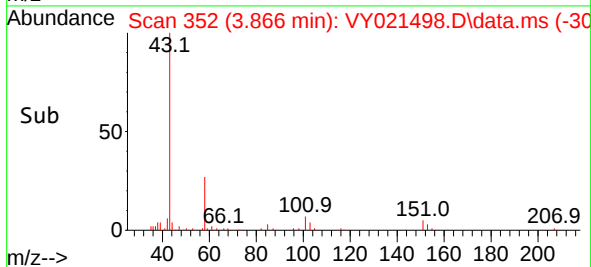
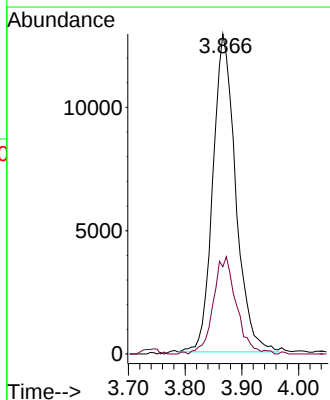
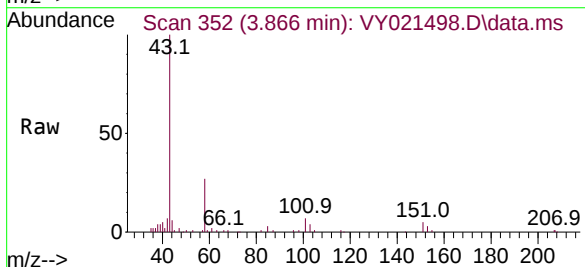
Acq: 11 Mar 2025 19:49

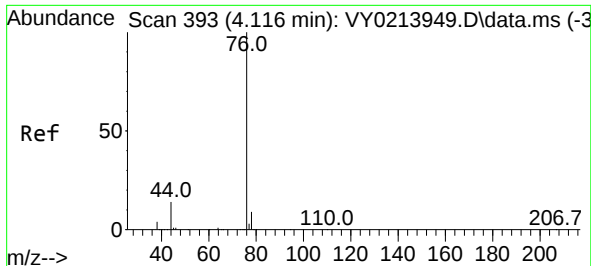
Tgt Ion: 43 Resp: 36115

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1

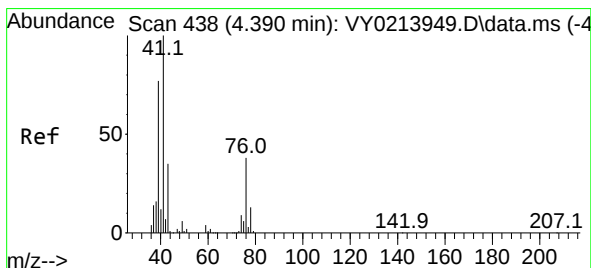
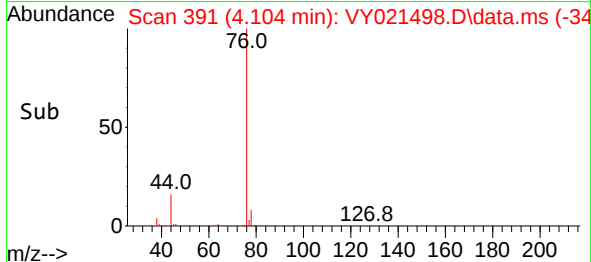
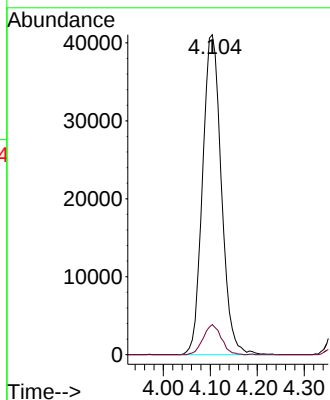
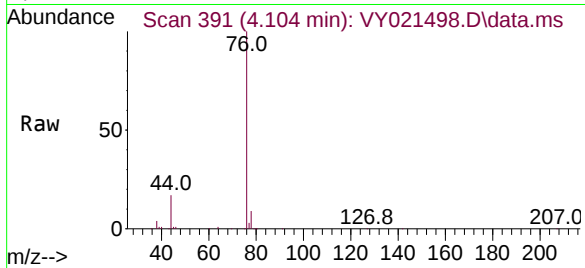




#17
Carbon Disulfide
Concen: 18.197 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

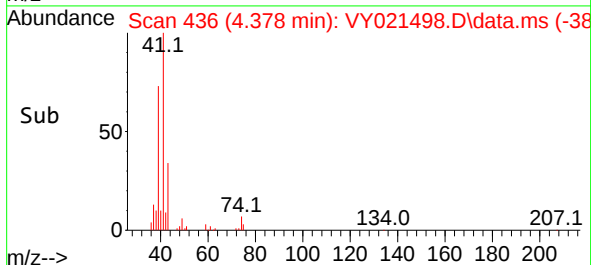
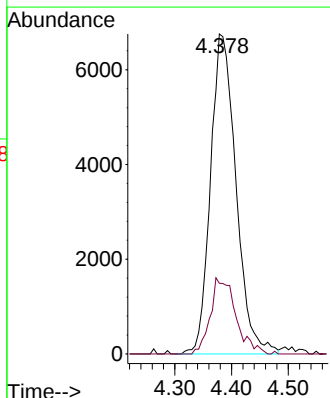
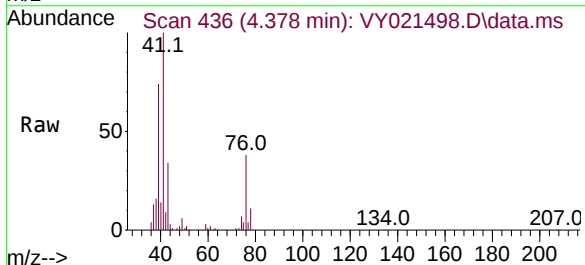
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

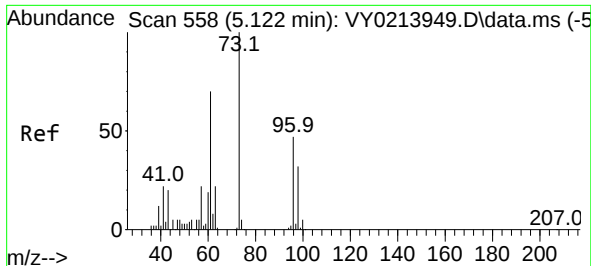
Tgt Ion: 76 Resp: 114009
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.197 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 21101
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0

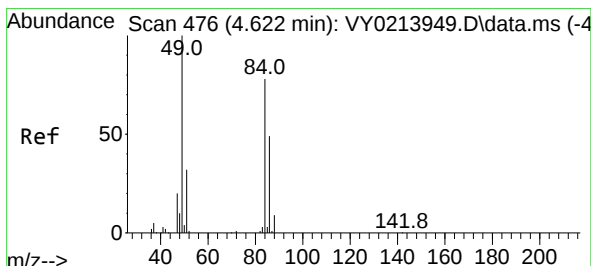
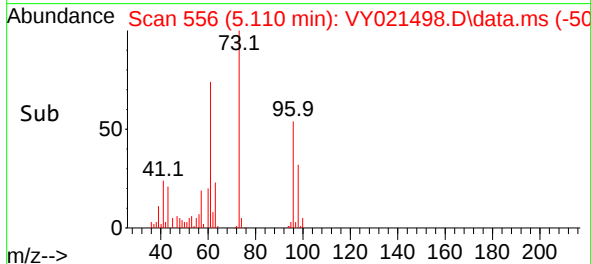
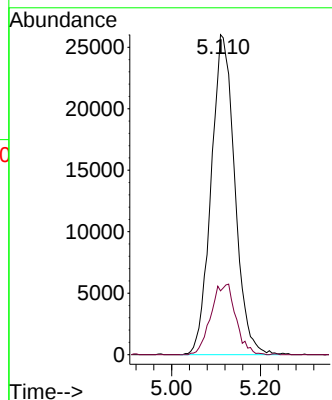
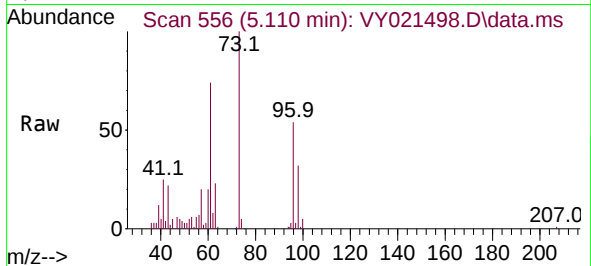




#19
Methyl tert-butyl Ether
Concen: 18.953 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

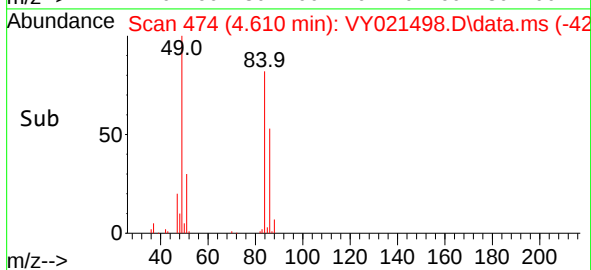
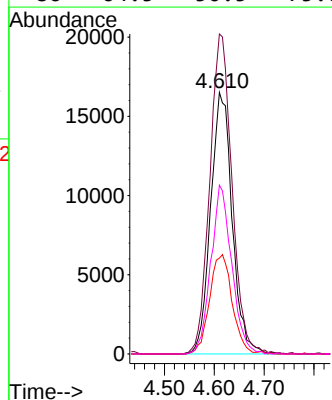
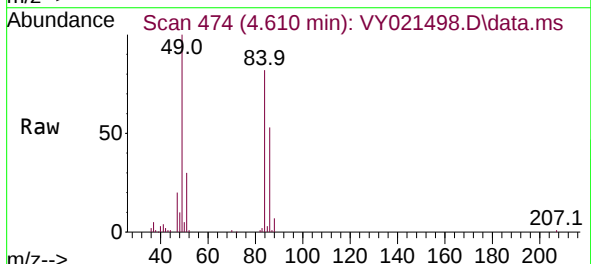
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

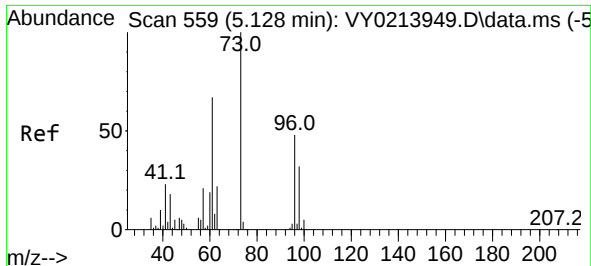
Tgt Ion: 73 Resp: 96033
Ion Ratio Lower Upper
73 100
57 20.0 17.9 26.9



#20
Methylene Chloride
Concen: 21.092 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 84 Resp: 49673
Ion Ratio Lower Upper
84 100
49 122.3 102.0 153.0
51 36.6 33.0 49.6
86 64.5 50.5 75.7

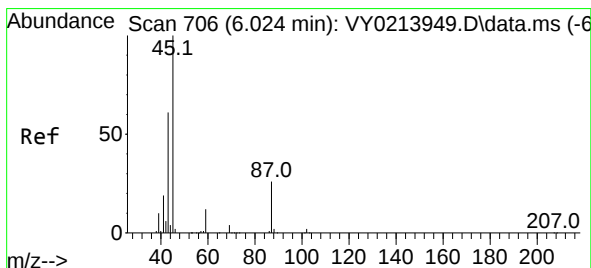
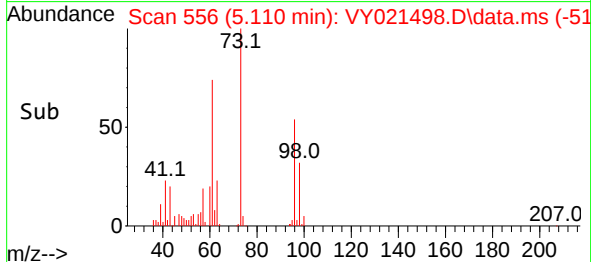
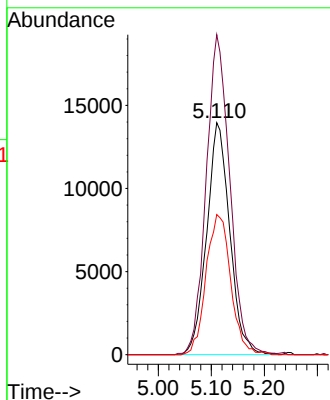
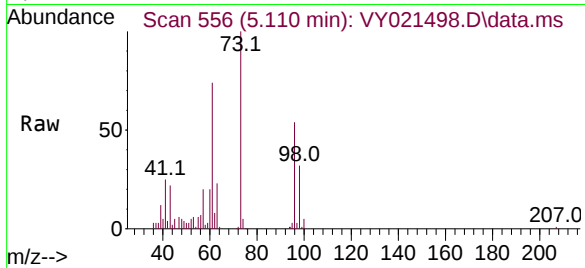




#21
trans-1,2-Dichloroethene
Concen: 18.865 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

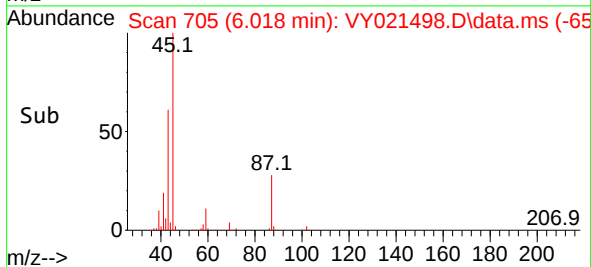
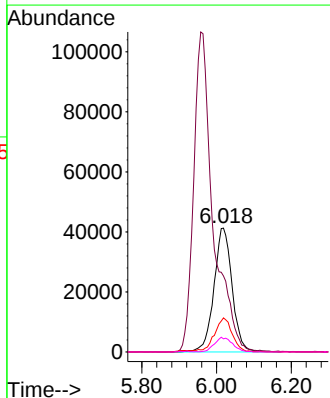
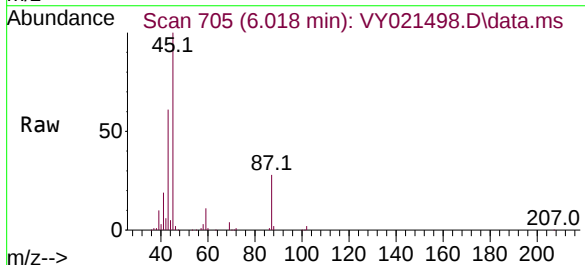
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

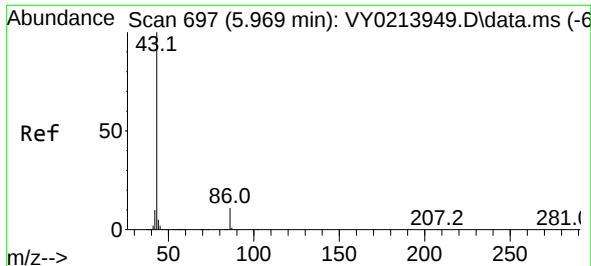
Tgt Ion: 96 Resp: 42235
Ion Ratio Lower Upper
96 100
61 137.4 111.5 167.3
98 60.4 53.8 80.8



#22
Diisopropyl ether
Concen: 19.994 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 45 Resp: 139209
Ion Ratio Lower Upper
45 100
43 60.8 48.7 73.1
87 27.5 21.5 32.3
59 10.6 9.3 13.9





#23

Vinyl Acetate

Concen: 96.630 ug/l

RT: 5.957 min Scan# 61

Delta R.T. -0.012 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

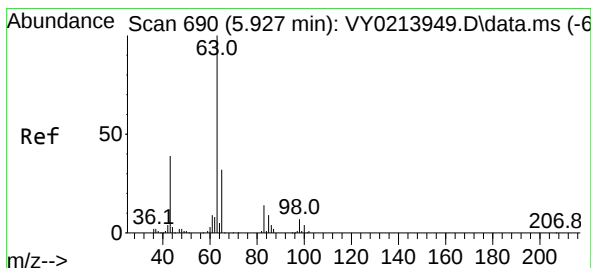
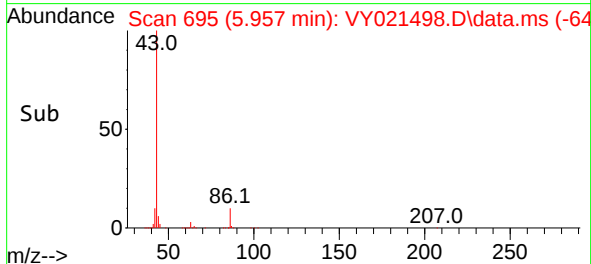
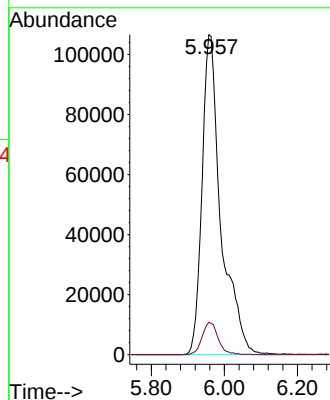
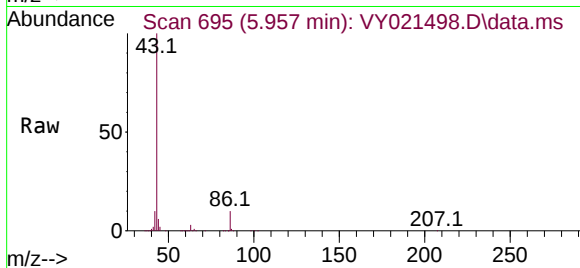
VY0311SBS02

Tgt Ion: 43 Resp: 383957

Ion Ratio Lower Upper

43 100

86 10.2 8.5 12.7



#24

1,1-Dichloroethane

Concen: 19.697 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

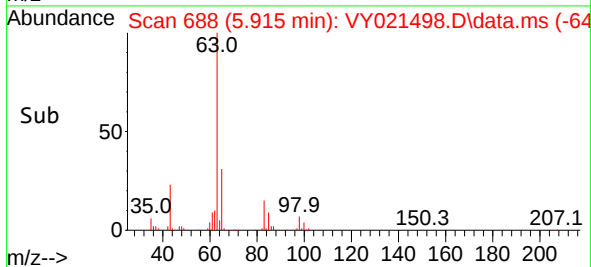
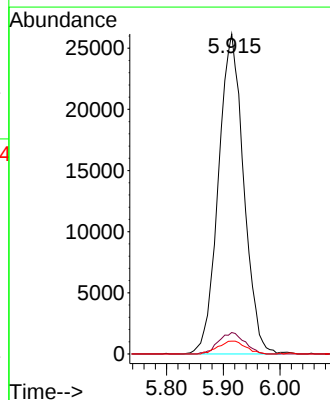
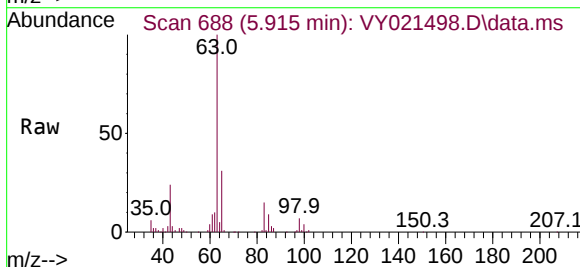
Tgt Ion: 63 Resp: 80938

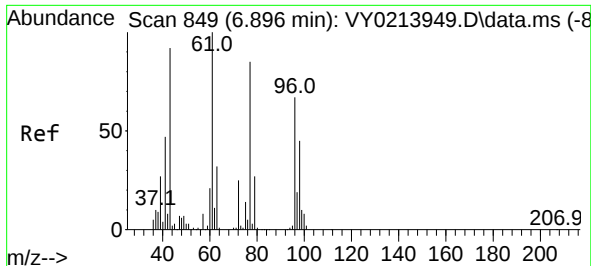
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 91.536 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

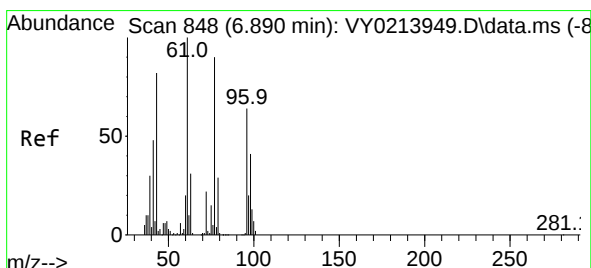
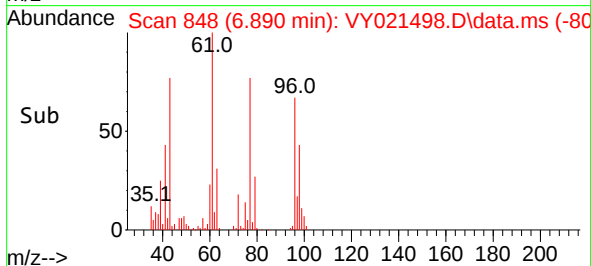
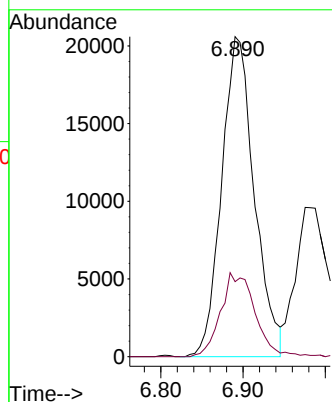
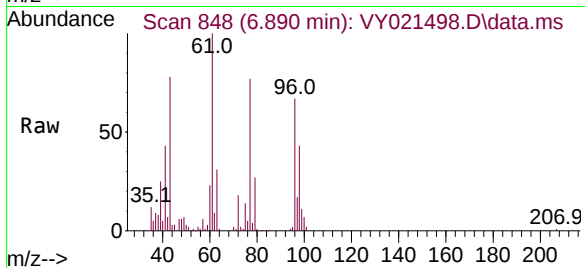
VY0311SBS02

Tgt Ion: 43 Resp: 56808

Ion Ratio Lower Upper

43 100

72 23.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 17.650 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021498.D

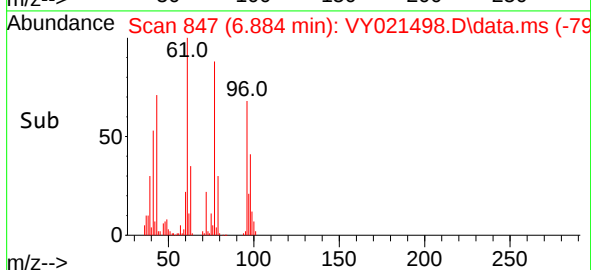
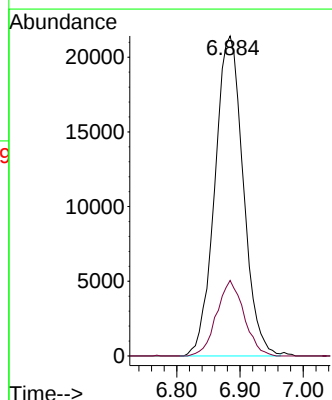
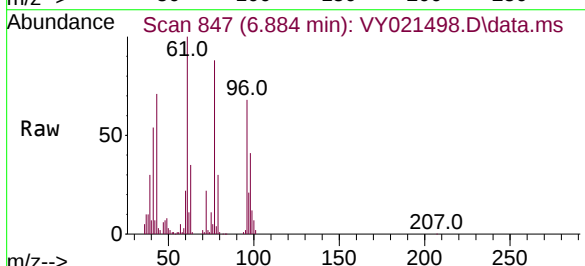
Acq: 11 Mar 2025 19:49

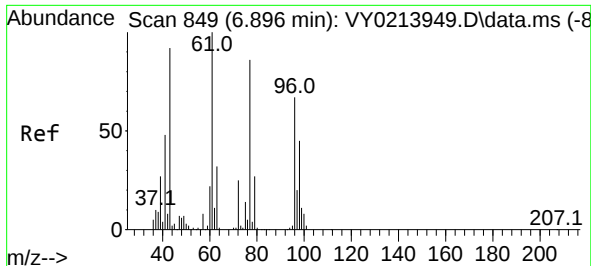
Tgt Ion: 77 Resp: 66733

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8

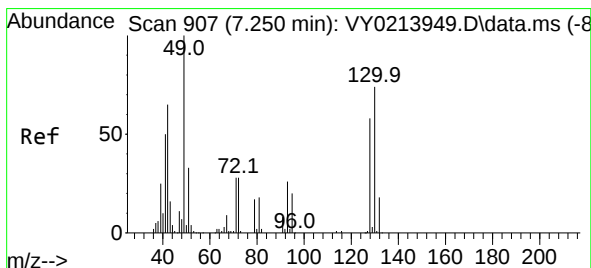
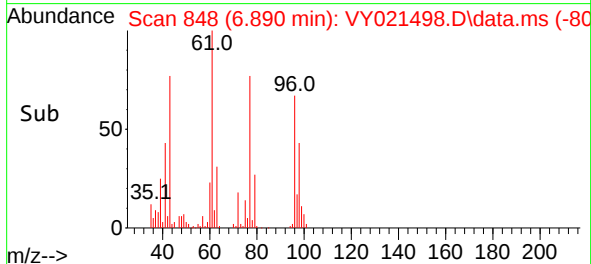
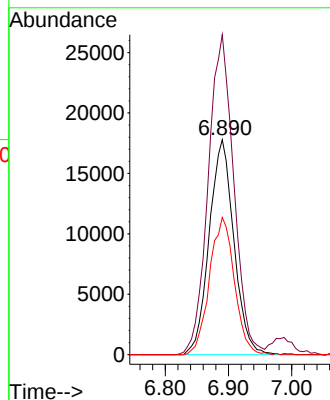
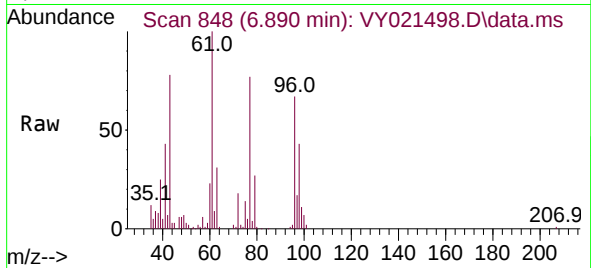




#27
 cis-1,2-Dichloroethene
 Concen: 18.992 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

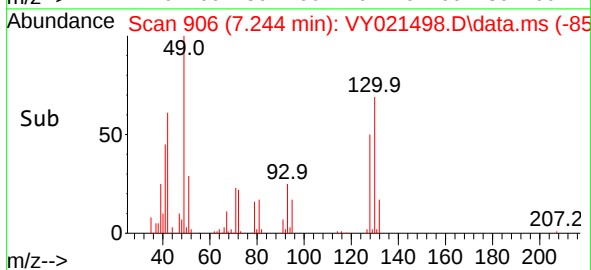
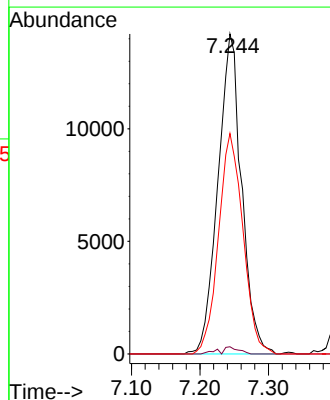
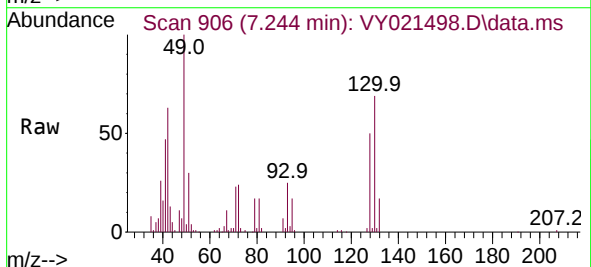
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

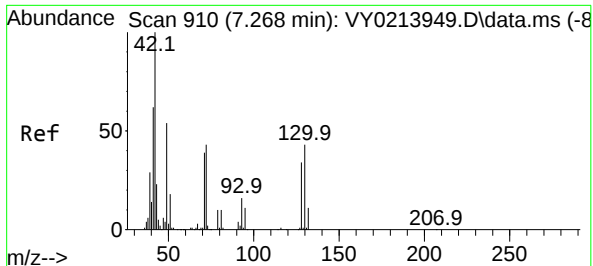
Tgt Ion: 96 Resp: 48305
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 300.8
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.761 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion: 49 Resp: 34043
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 71.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 105.032 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

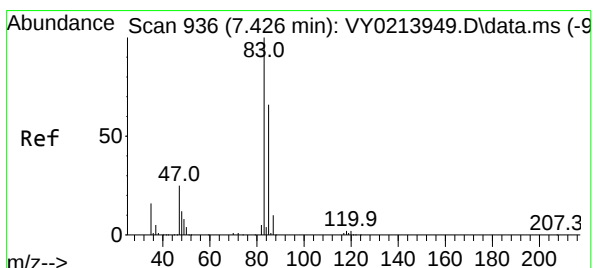
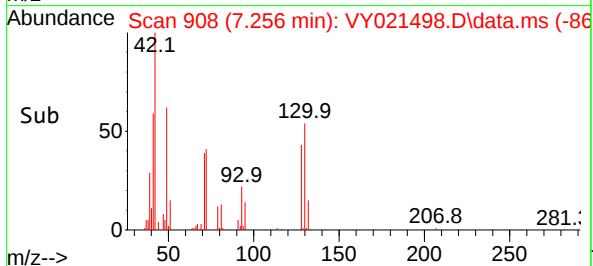
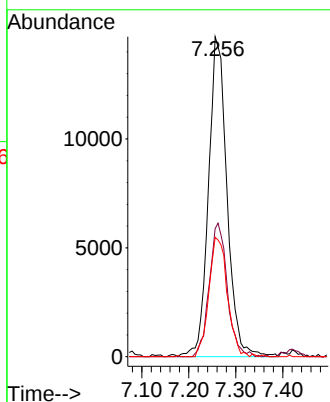
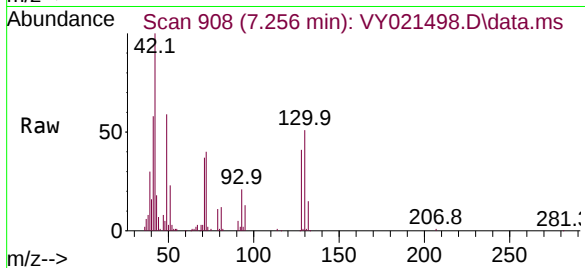
Tgt Ion: 42 Resp: 40241

Ion Ratio Lower Upper

42 100

72 40.6 34.8 52.2

71 37.1 32.6 48.8



#30

Chloroform

Concen: 20.181 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021498.D

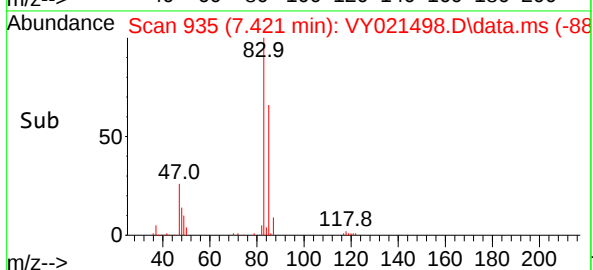
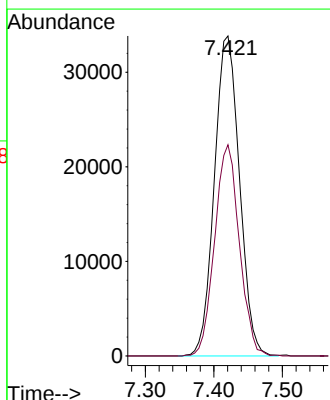
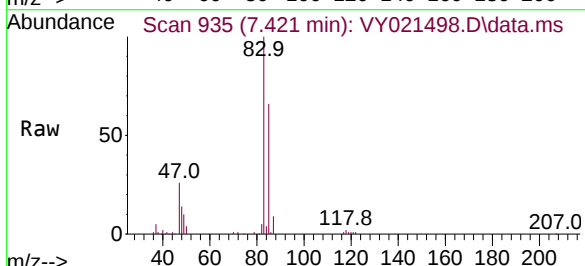
Acq: 11 Mar 2025 19:49

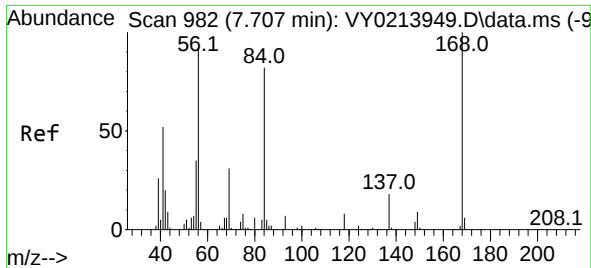
Tgt Ion: 83 Resp: 86112

Ion Ratio Lower Upper

83 100

85 66.0 53.1 79.7

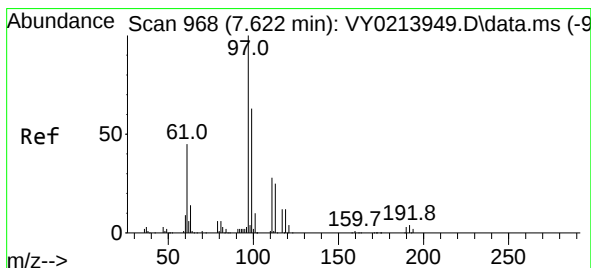
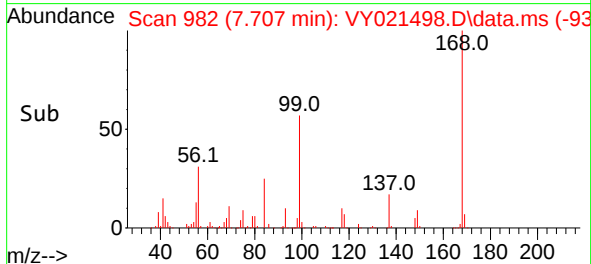
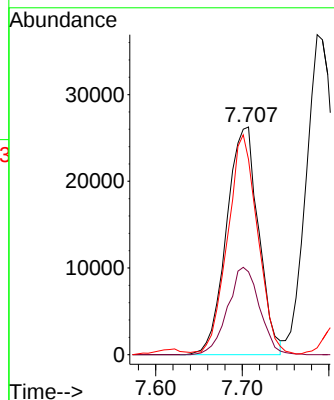
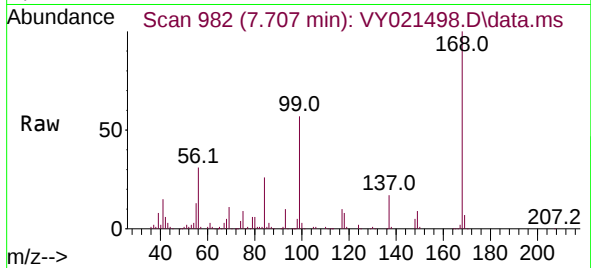




#31
Cyclohexane
Concen: 17.532 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

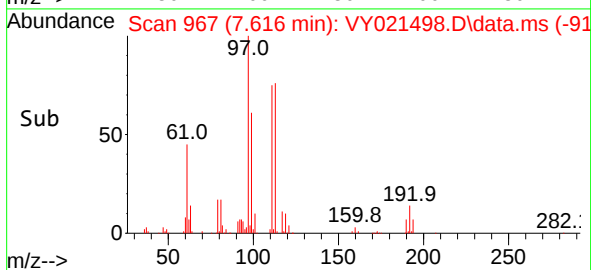
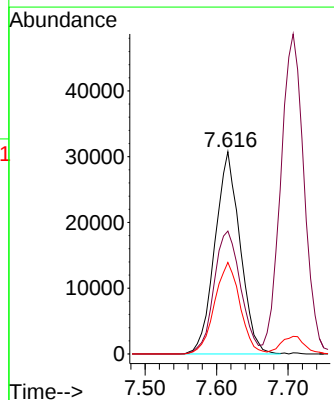
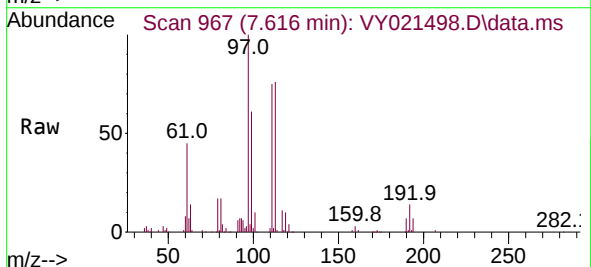
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

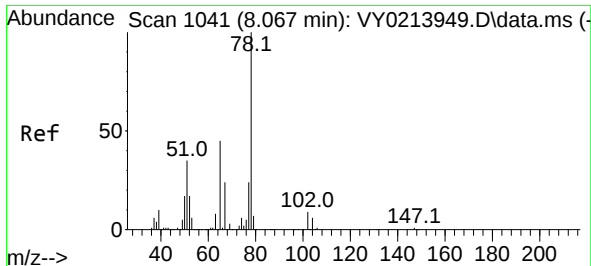
Tgt Ion: 56 Resp: 67539
Ion Ratio Lower Upper
56 100
69 36.4 27.0 40.4
84 84.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 19.247 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 97 Resp: 75196
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 45.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.806 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

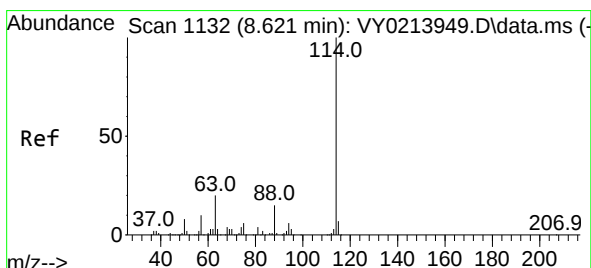
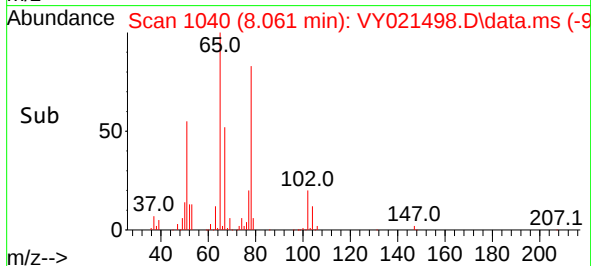
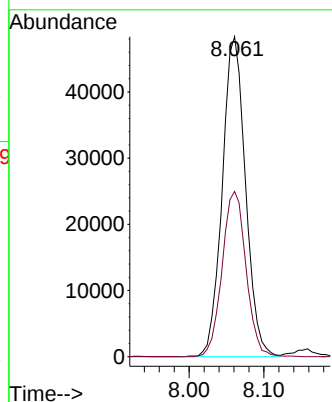
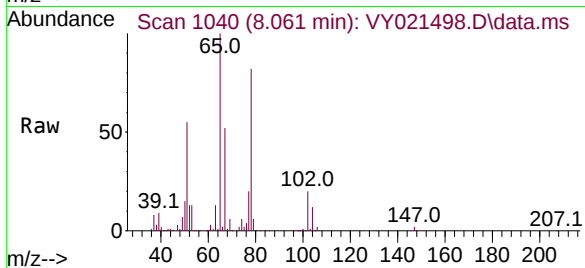
VY0311SBS02

Tgt Ion: 65 Resp: 104506

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

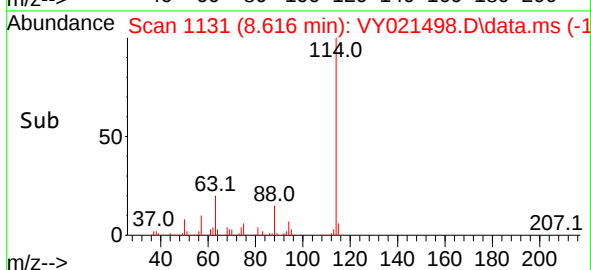
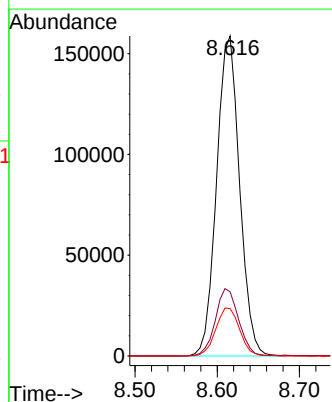
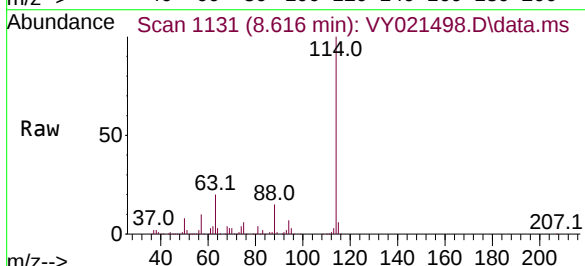
Tgt Ion: 114 Resp: 308758

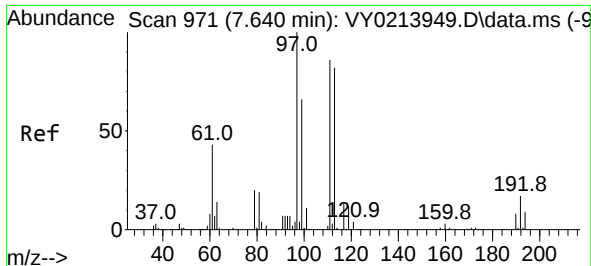
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

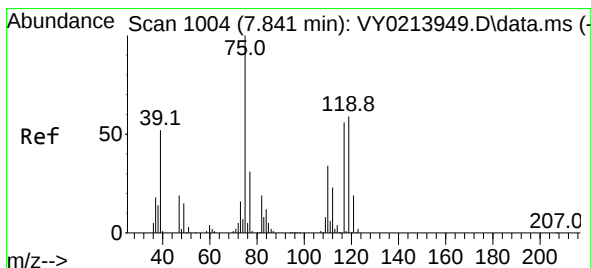
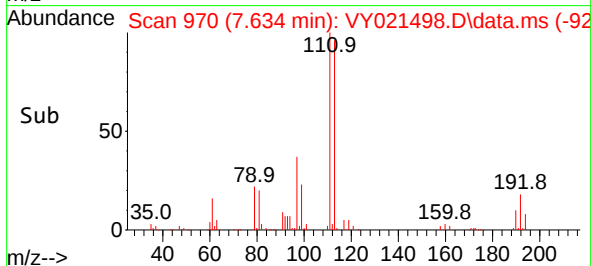
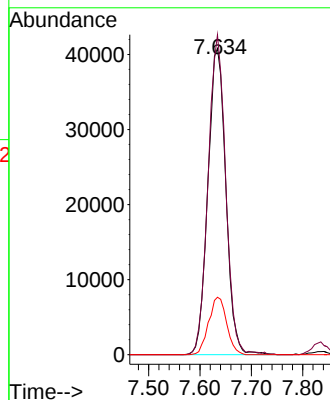
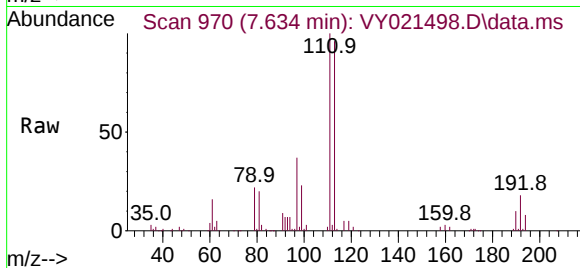
Tgt Ion:113 Resp: 98905

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 18.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.309 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

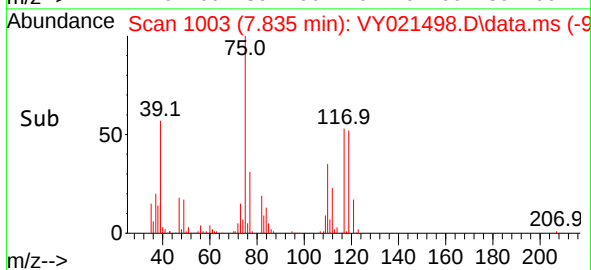
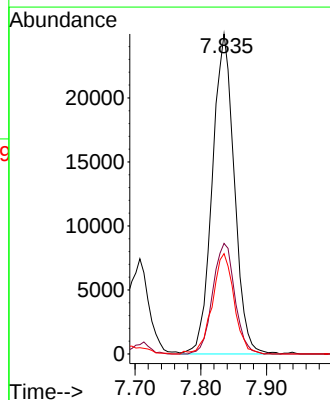
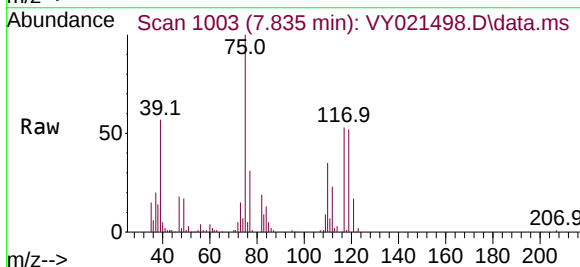
Tgt Ion: 75 Resp: 58165

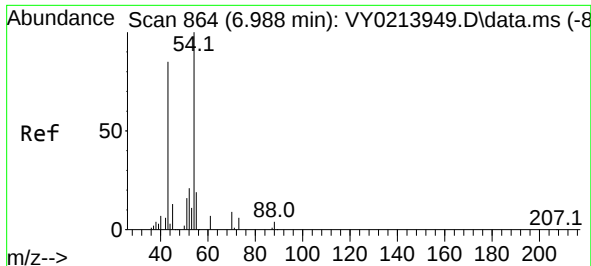
Ion Ratio Lower Upper

75 100

110 34.7 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 19.140 ug/l

RT: 6.976 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

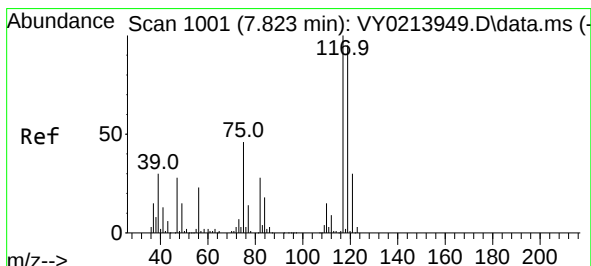
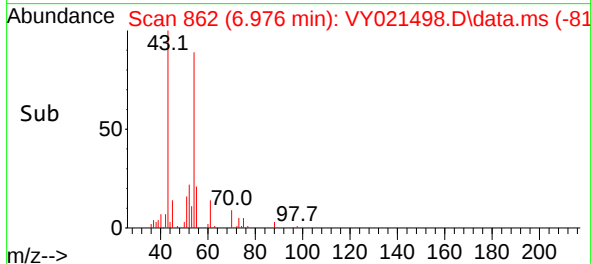
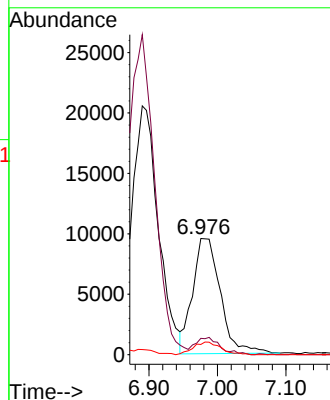
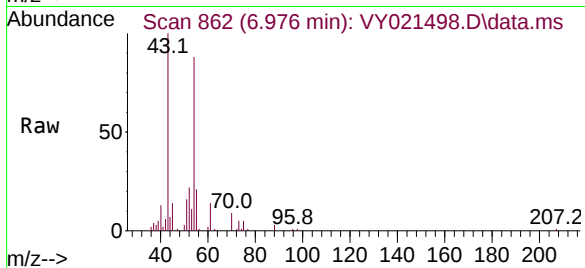
Tgt Ion: 43 Resp: 26875

Ion Ratio Lower Upper

43 100

61 13.2 11.4 17.0

70 10.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.575 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

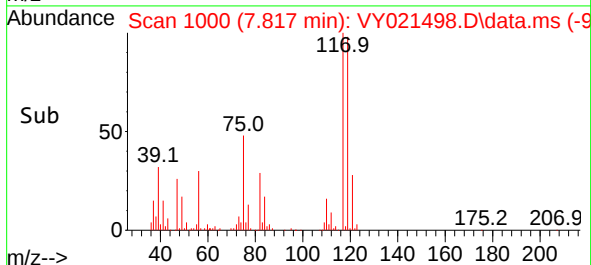
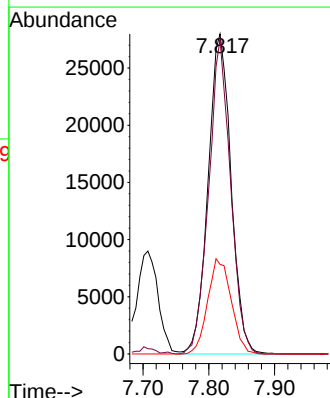
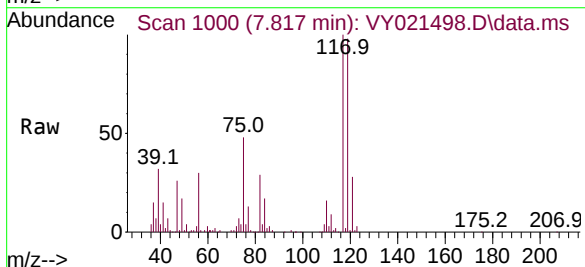
Tgt Ion: 117 Resp: 67864

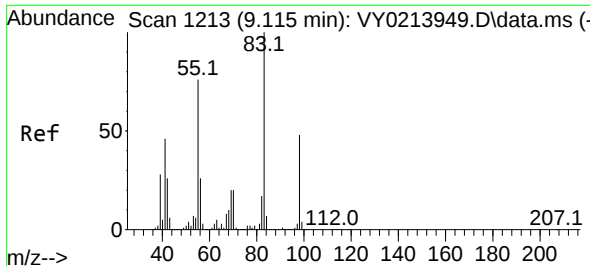
Ion Ratio Lower Upper

117 100

119 98.3 75.8 113.8

121 28.0 23.9 35.9

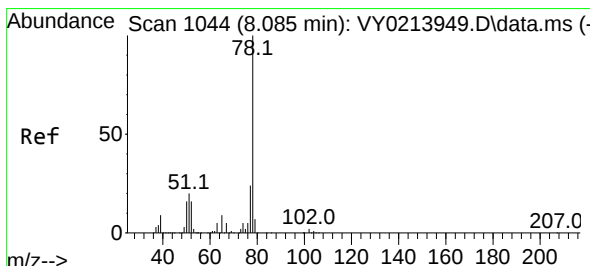
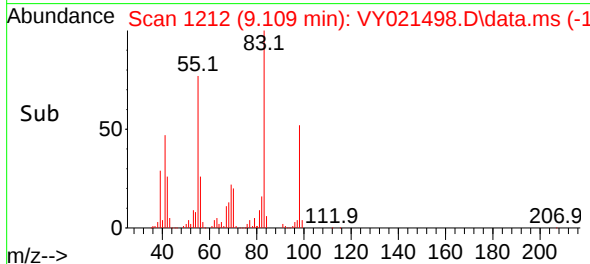
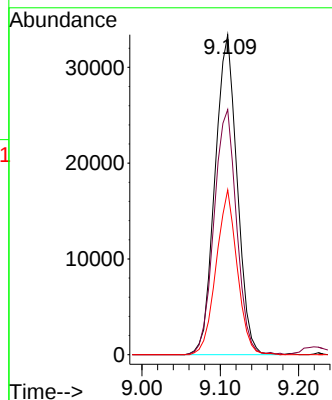
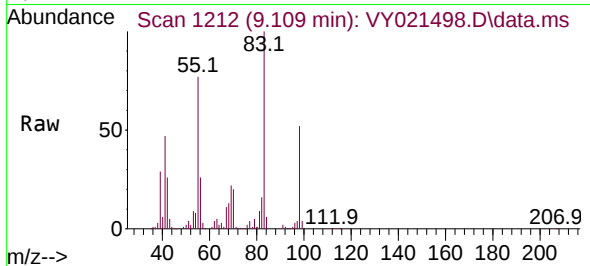




#39
Methylcyclohexane
Concen: 16.825 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

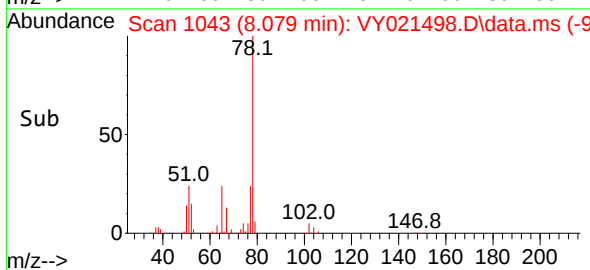
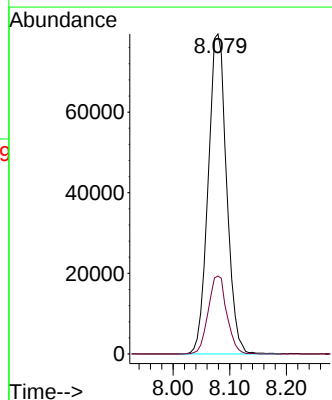
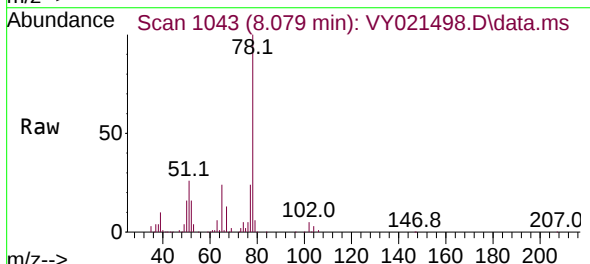
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

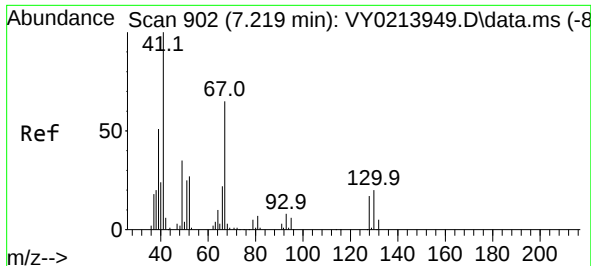
Tgt Ion: 83 Resp: 65561
Ion Ratio Lower Upper
83 100
55 76.6 60.7 91.1
98 51.5 38.6 57.8



#40
Benzene
Concen: 19.153 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 78 Resp: 179237
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

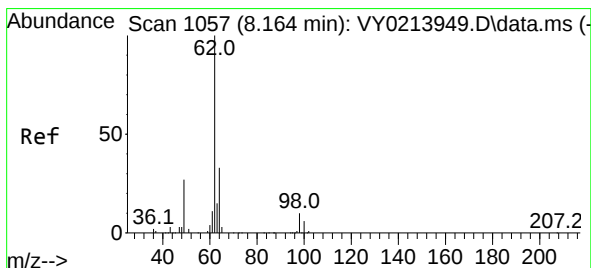
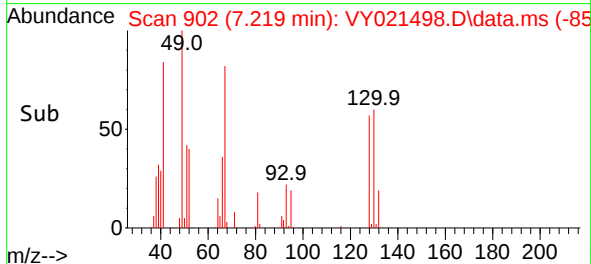
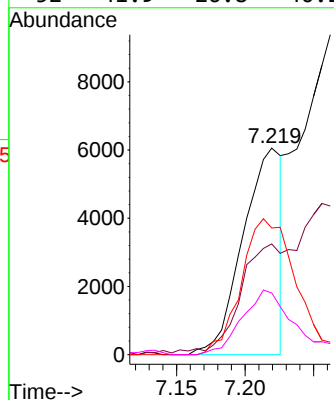
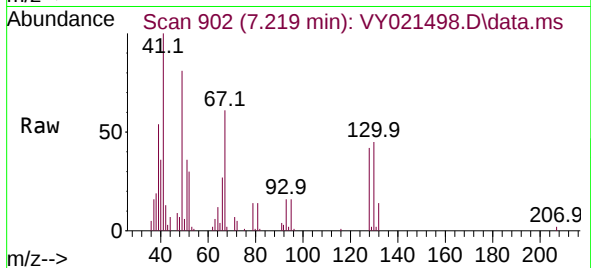




#41
Methacrylonitrile
Concen: 15.595 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

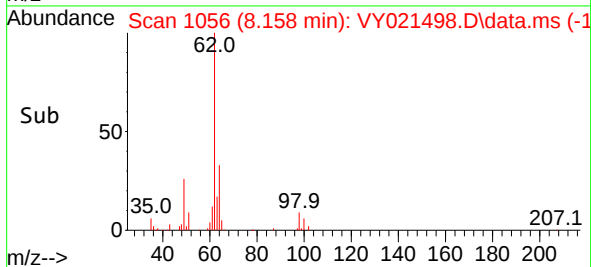
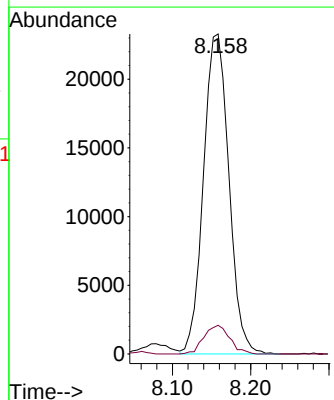
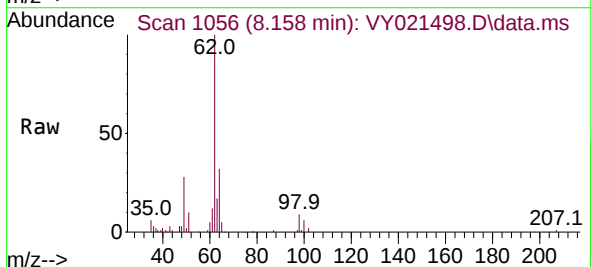
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

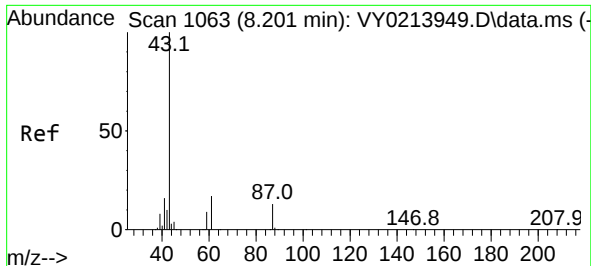
Tgt Ion:	41	Resp:	11923
Ion	Ratio	Lower	Upper
41	100		
39	57.8	35.0	52.6#
67	94.3	61.2	91.8#
52	41.9	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 20.048 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:	62	Resp:	52485
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

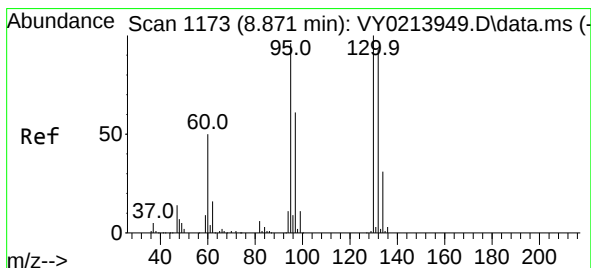
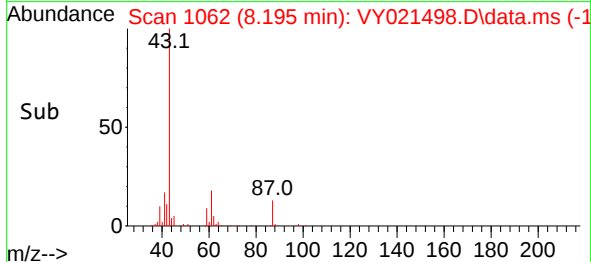
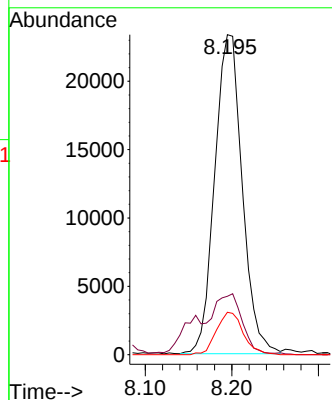
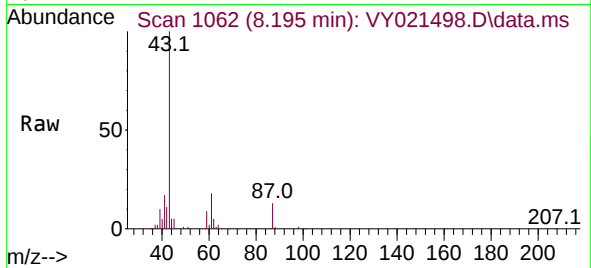




#43
Isopropyl Acetate
Concen: 18.912 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

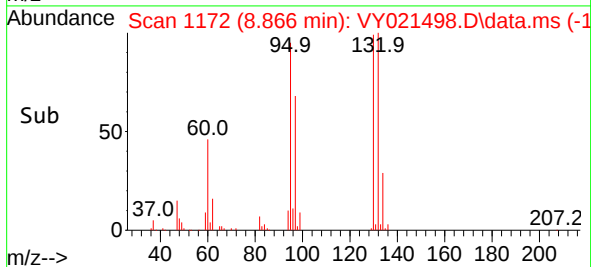
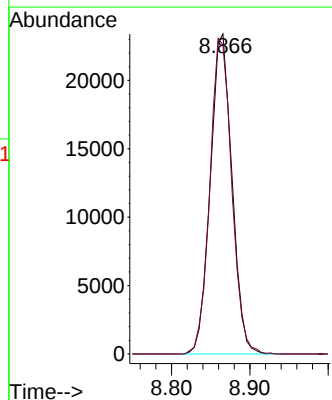
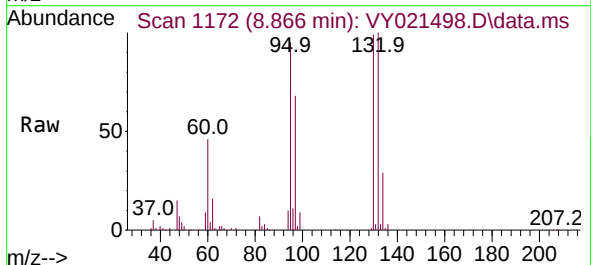
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

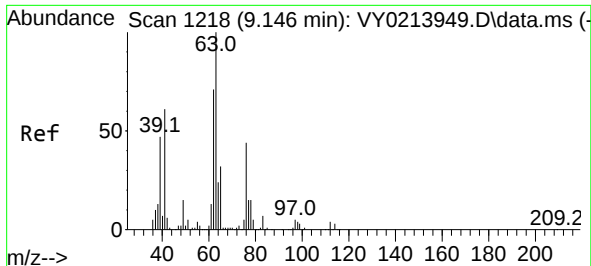
Tgt Ion: 43 Resp: 51549
Ion Ratio Lower Upper
43 100
61 19.7 23.4 35.0#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 18.998 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:130 Resp: 44926
Ion Ratio Lower Upper
130 100
95 96.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.603 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

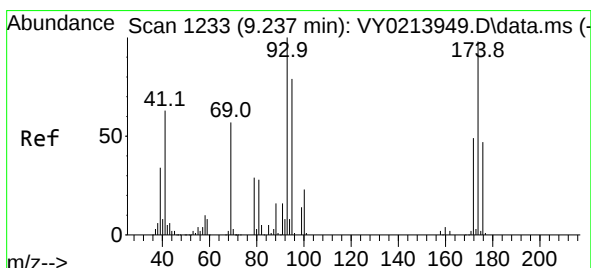
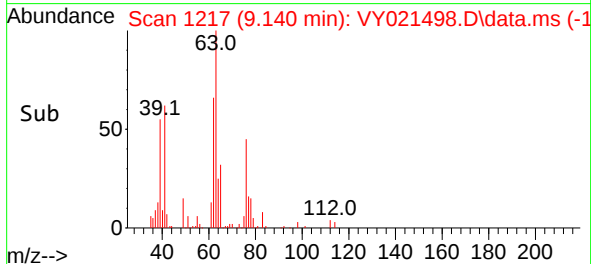
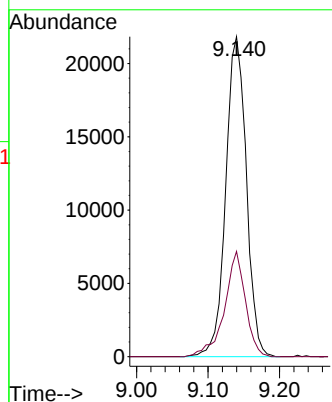
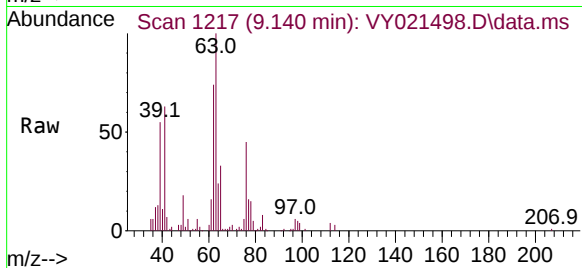
VY0311SBS02

Tgt Ion: 63 Resp: 43661

Ion Ratio Lower Upper

63 100

65 32.9 26.0 39.0



#46

Dibromomethane

Concen: 20.566 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

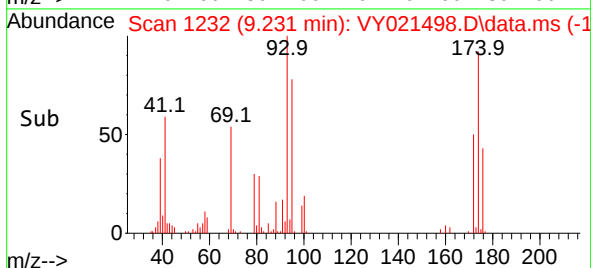
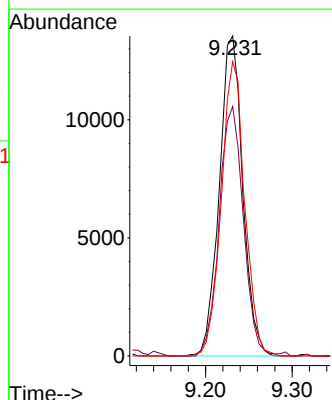
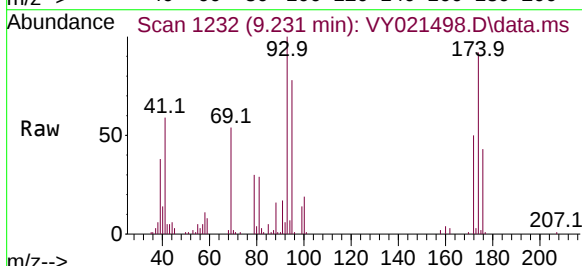
Tgt Ion: 93 Resp: 25487

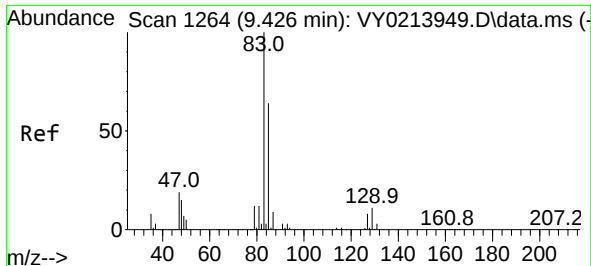
Ion Ratio Lower Upper

93 100

95 80.1 65.8 98.8

174 91.7 77.9 116.9

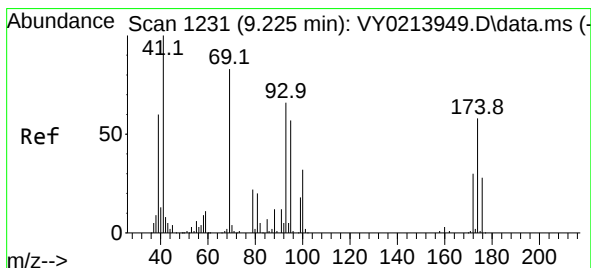
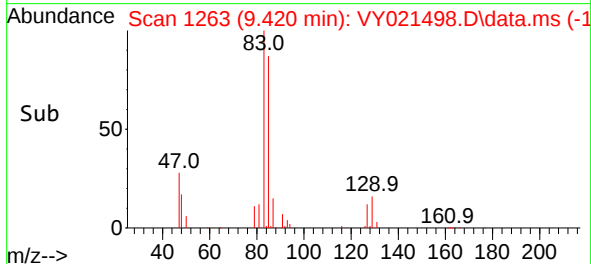
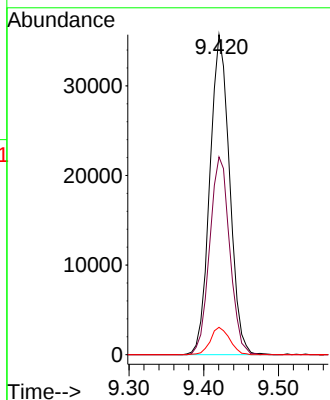
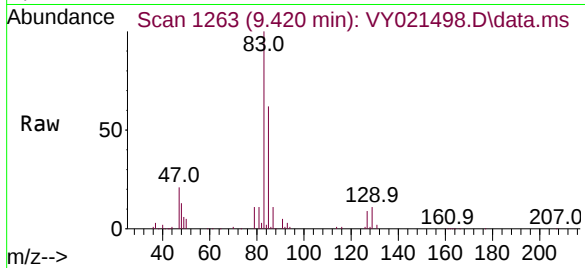




#47
Bromodichloromethane
Concen: 19.923 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

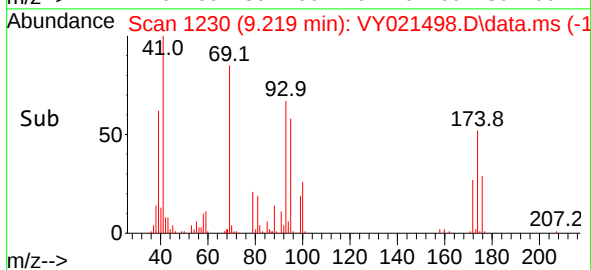
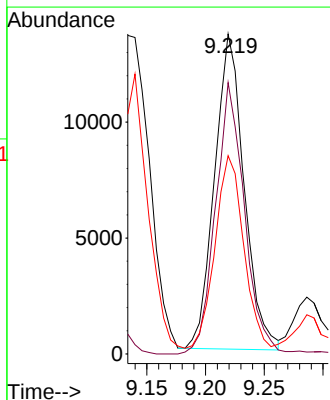
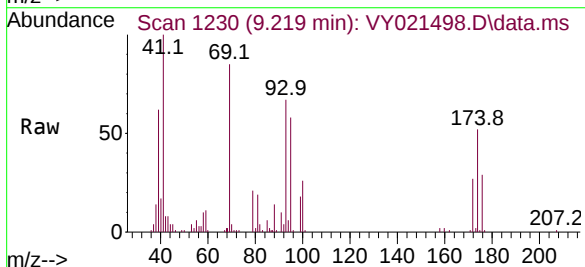
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

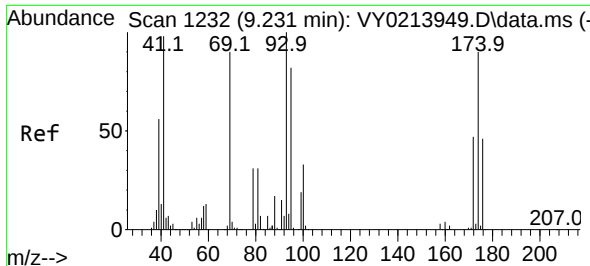
Tgt Ion: 83 Resp: 65569
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 18.983 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 41 Resp: 23760
Ion Ratio Lower Upper
41 100
69 84.5 67.8 101.8
39 62.7 46.4 69.6





#49

1,4-Dioxane

Concen: 423.962 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

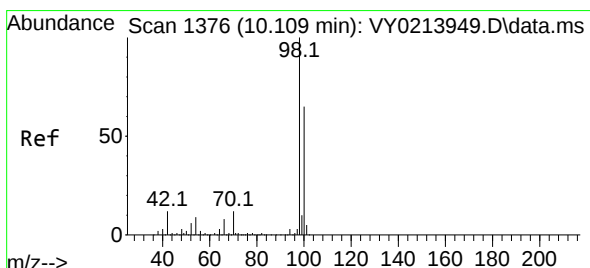
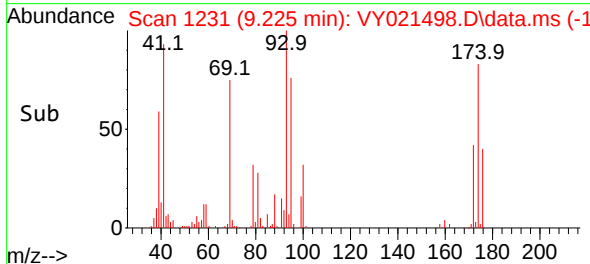
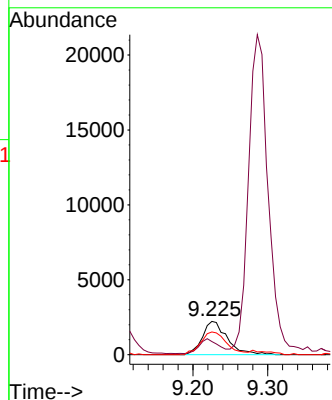
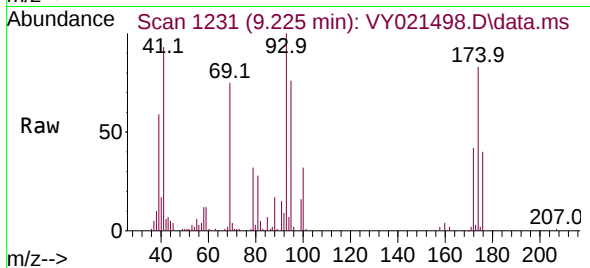
Tgt Ion: 88 Resp: 5157

Ion Ratio Lower Upper

88 100

43 32.7 25.0 37.4

58 70.9 58.4 87.6



#50

Toluene-d8

Concen: 47.302 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021498.D

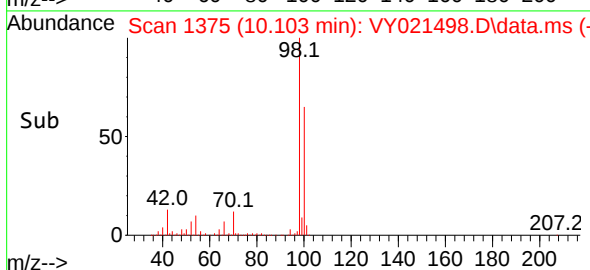
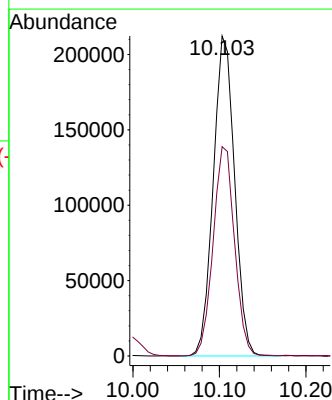
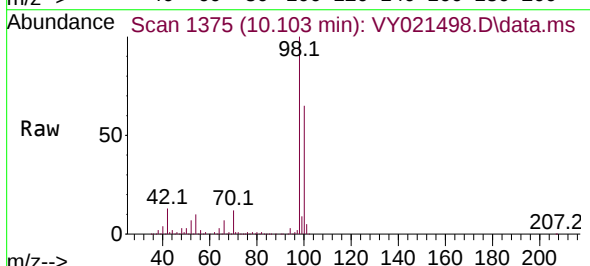
Acq: 11 Mar 2025 19:49

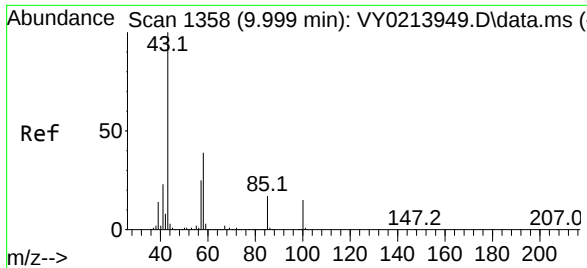
Tgt Ion: 98 Resp: 363483

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

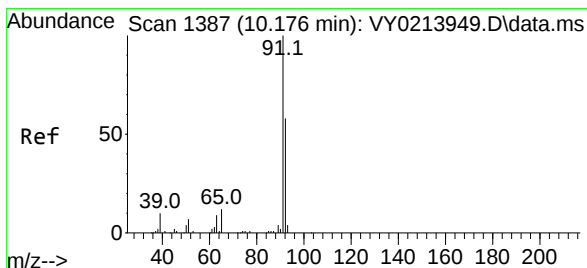
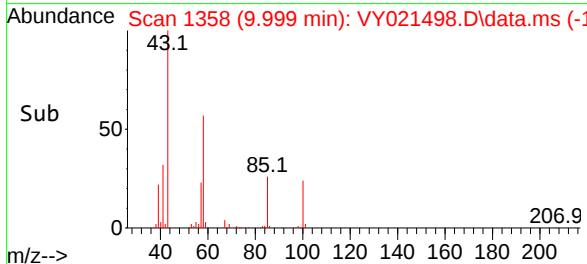
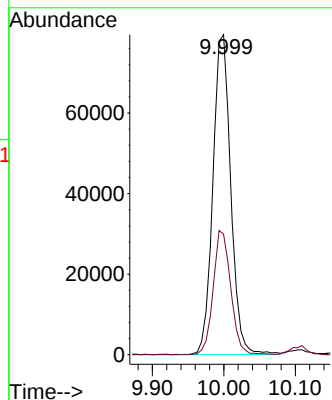
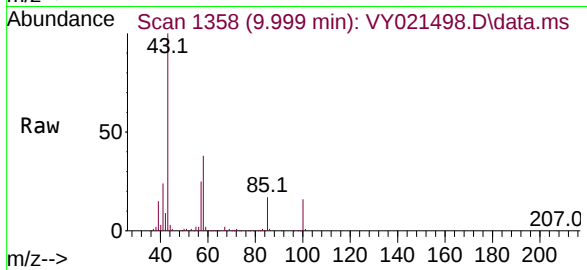




#51
4-Methyl-2-Pentanone
Concen: 97.888 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

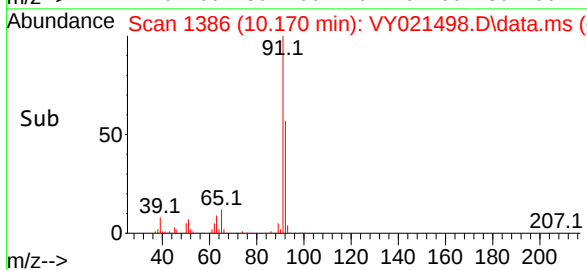
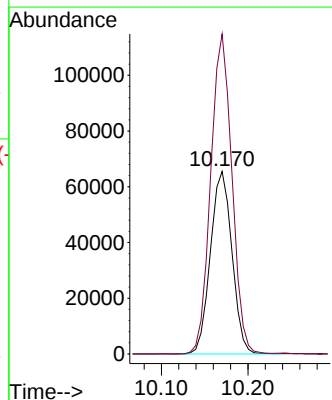
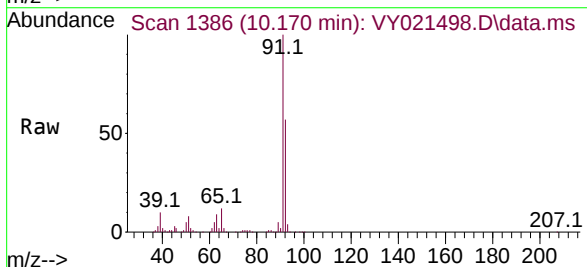
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

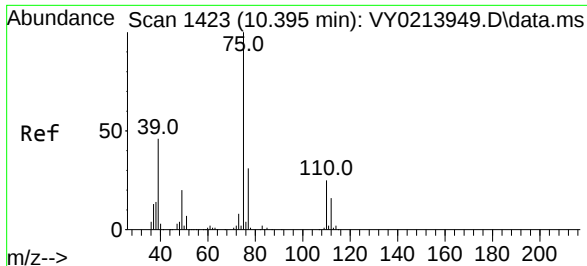
Tgt Ion: 43 Resp: 137669
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 19.170 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 92 Resp: 113101
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2

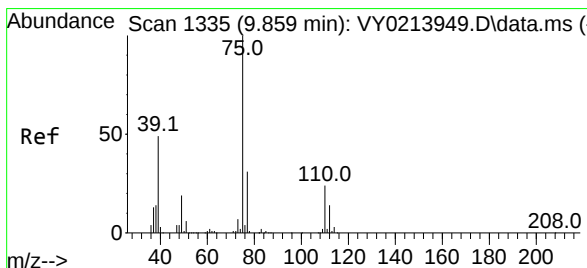
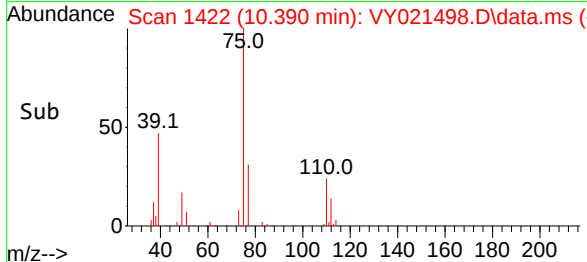
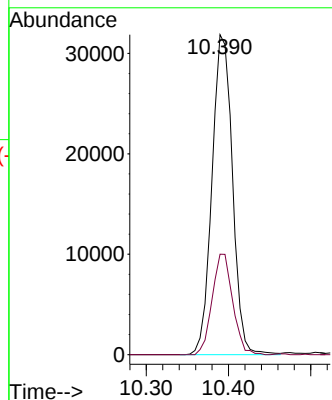
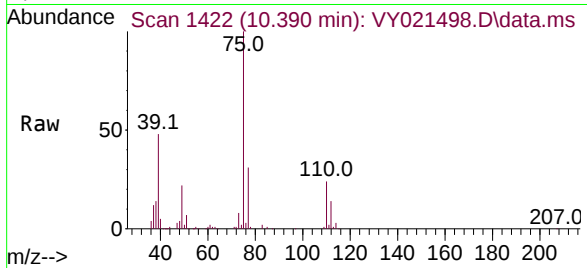




#53
 t-1,3-Dichloropropene
 Concen: 19.018 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

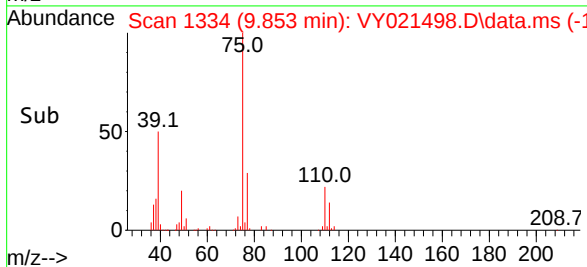
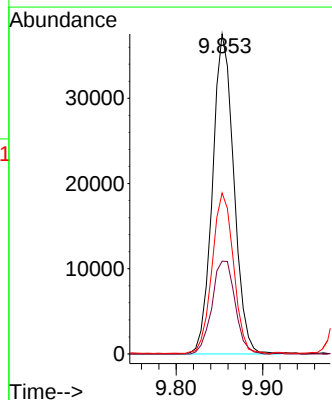
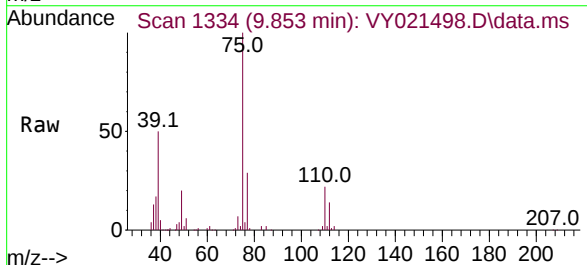
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

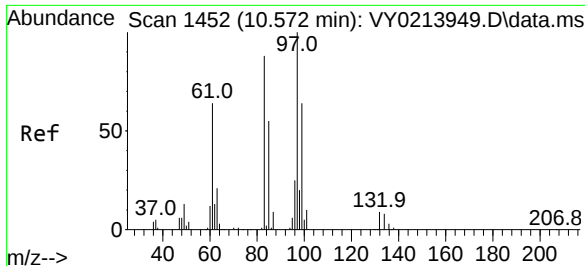
Tgt Ion: 75 Resp: 55144
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.677 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion: 75 Resp: 64295
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.6 37.0
 39 50.1 39.4 59.2

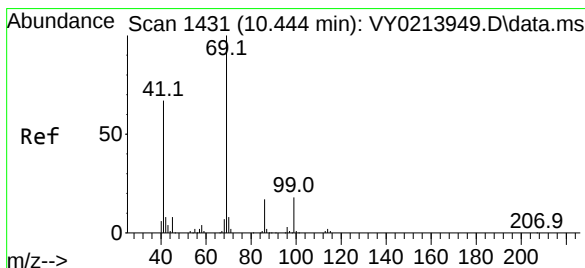
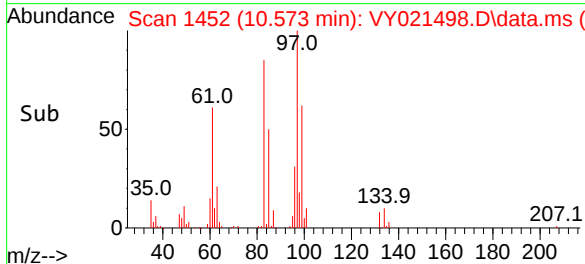
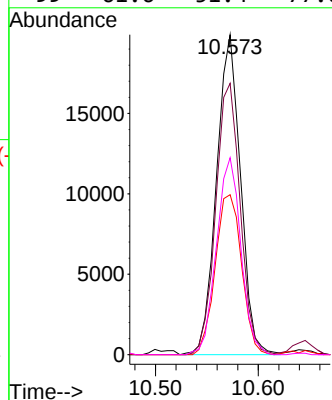
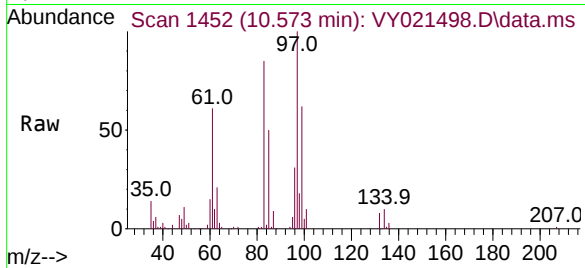




#55
 1,1,2-Trichloroethane
 Concen: 19.903 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

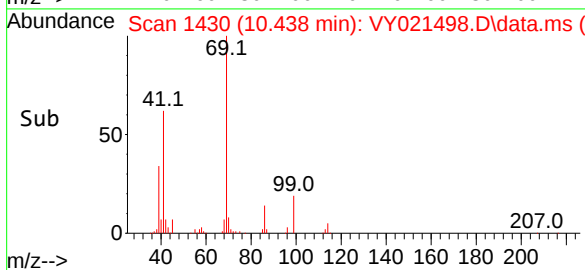
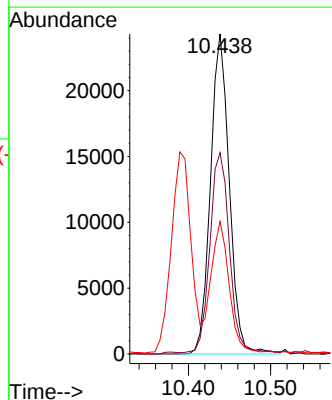
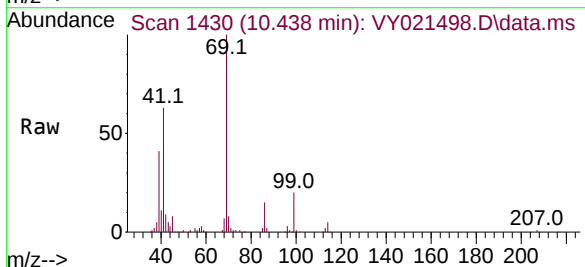
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

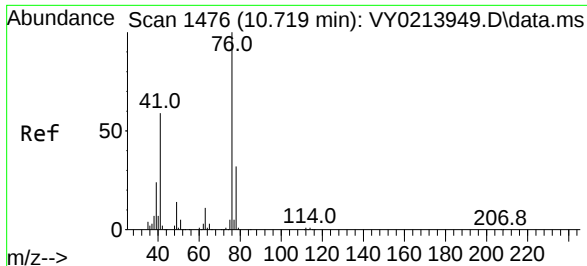
Tgt Ion:	97	Resp:	32265
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.0	105.0
85	50.0	44.3	66.5
99	61.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.662 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion:	69	Resp:	38583
Ion	Ratio	Lower	Upper
69	100		
41	64.3	53.3	79.9
39	39.4	31.0	46.6





#57

1,3-Dichloropropane

Concen: 19.787 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

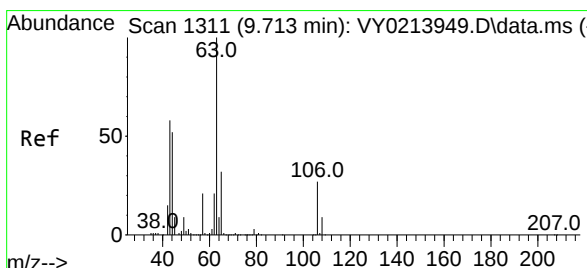
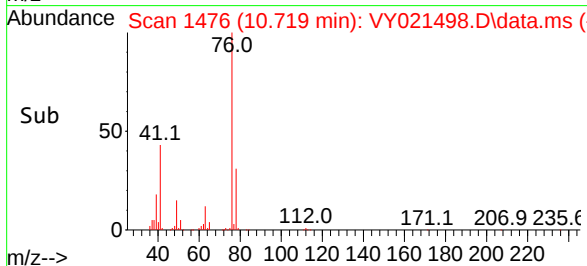
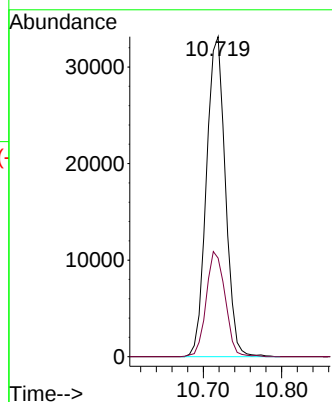
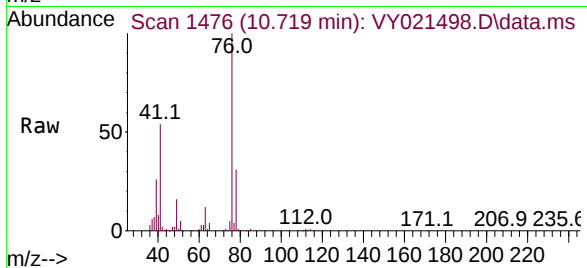
VY0311SBS02

Tgt Ion: 76 Resp: 55594

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.164 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021498.D

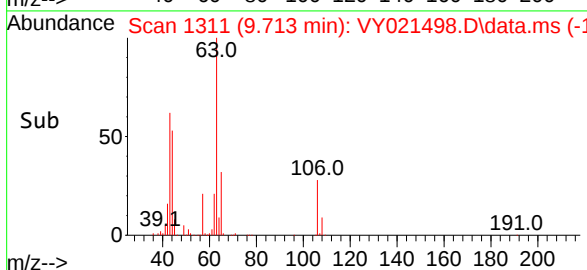
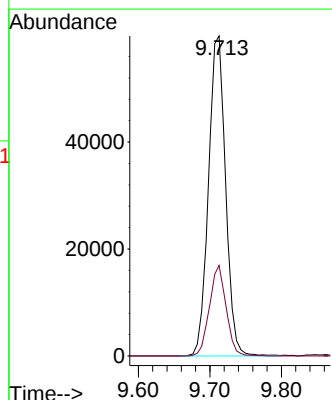
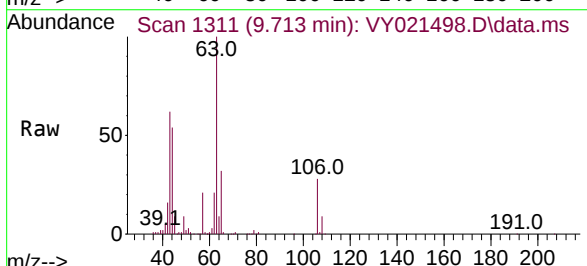
Acq: 11 Mar 2025 19:49

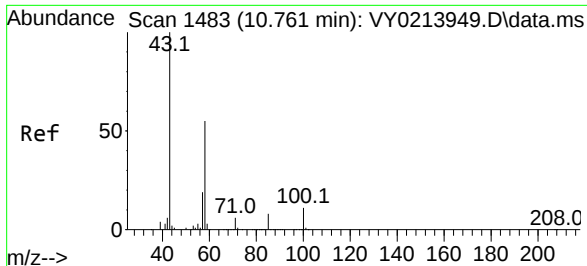
Tgt Ion: 63 Resp: 99413

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

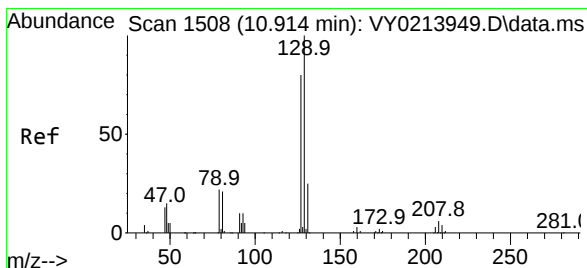
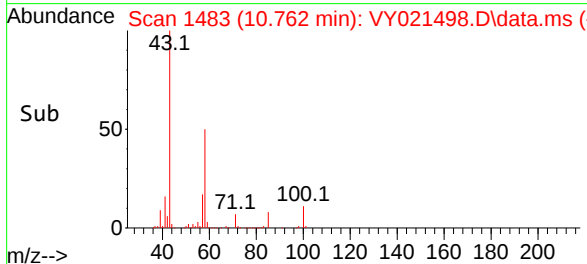
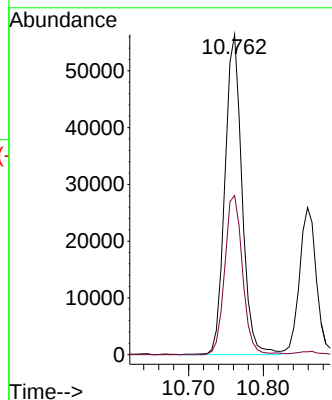
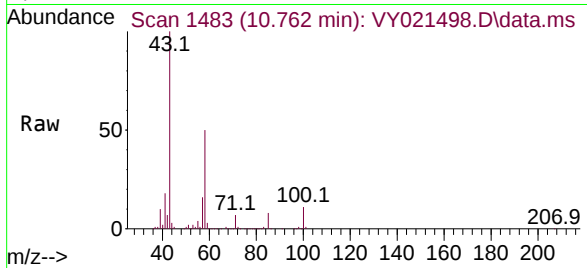




#59
2-Hexanone
Concen: 96.529 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

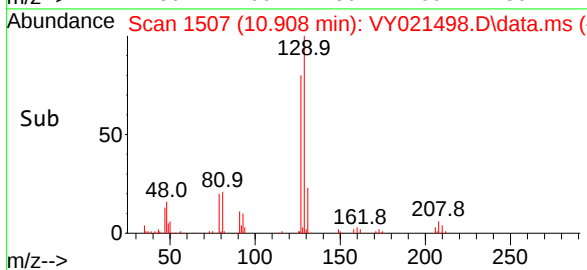
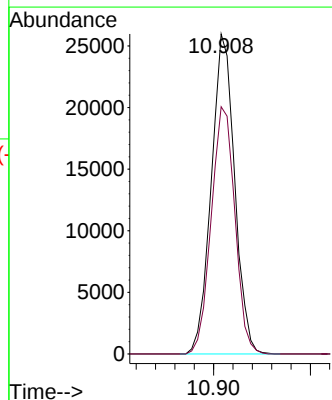
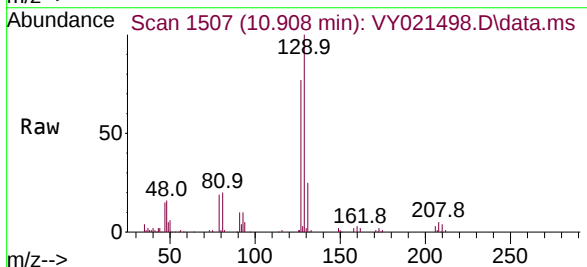
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

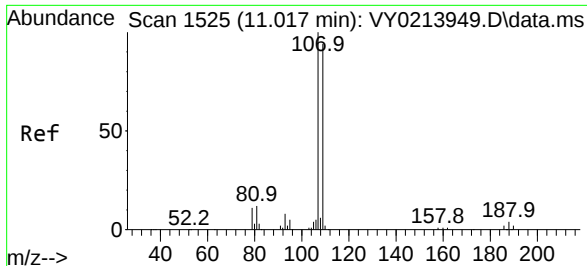
Tgt Ion: 43 Resp: 89766
Ion Ratio Lower Upper
43 100
58 52.0 27.3 81.8



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 129 Resp: 43431
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3

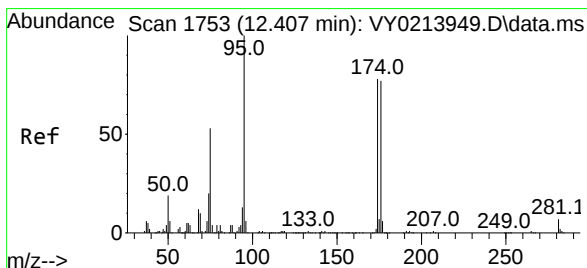
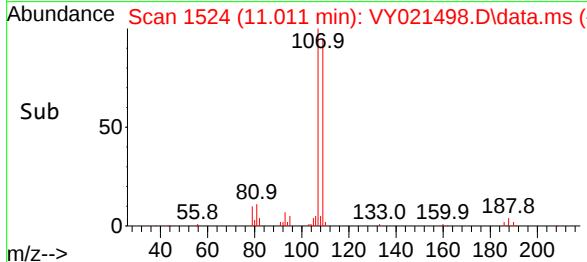
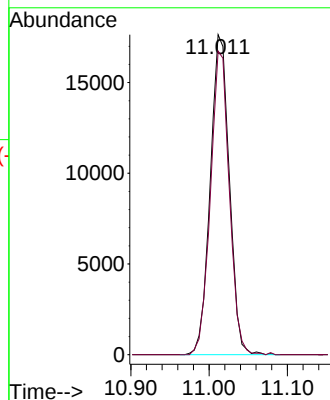
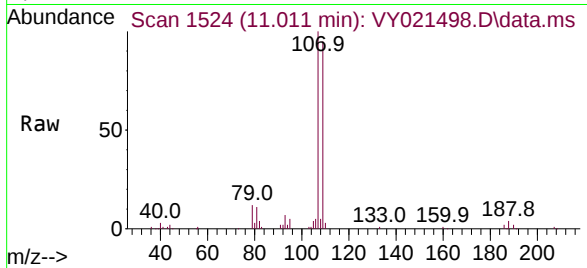




#61
1,2-Dibromoethane
Concen: 19.463 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

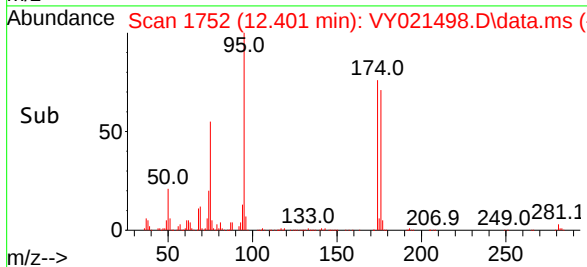
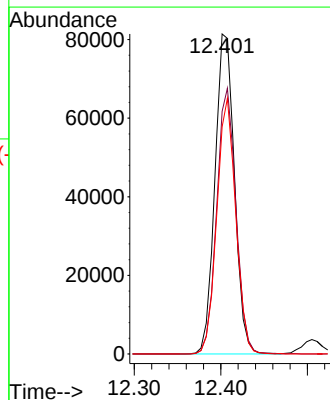
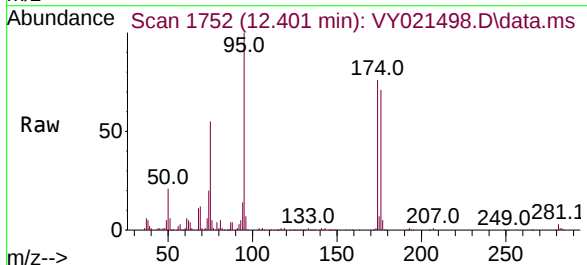
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

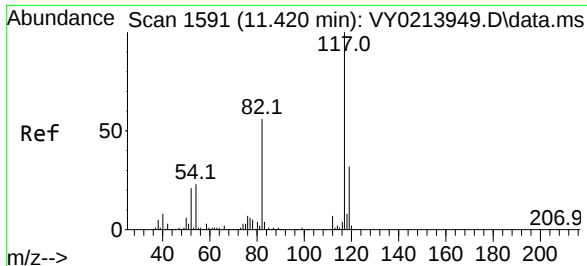
Tgt Ion:107 Resp: 29777
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 95 Resp: 127451
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 77.4 0.0 160.0

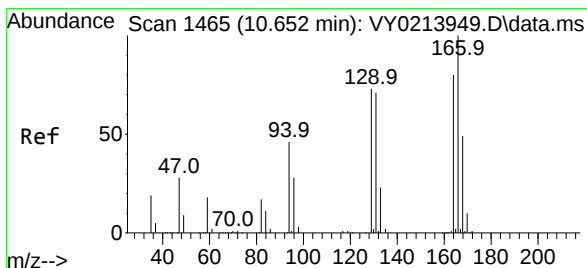
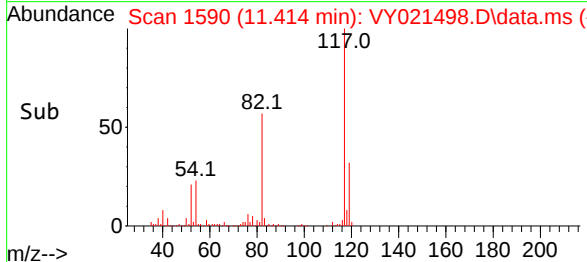
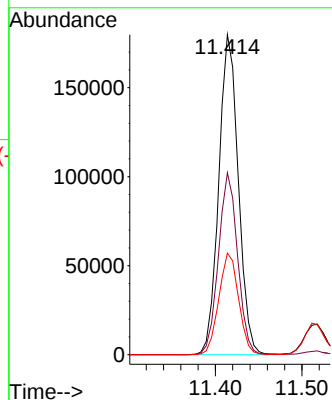
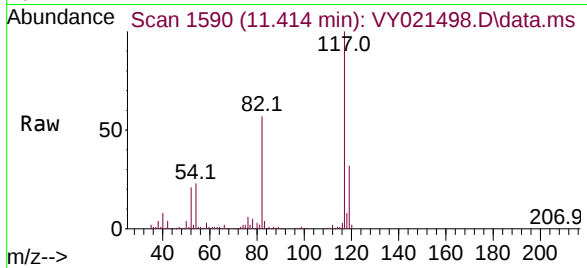




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

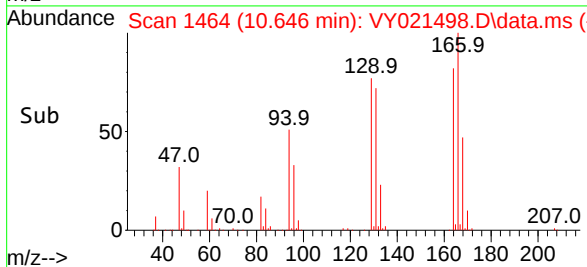
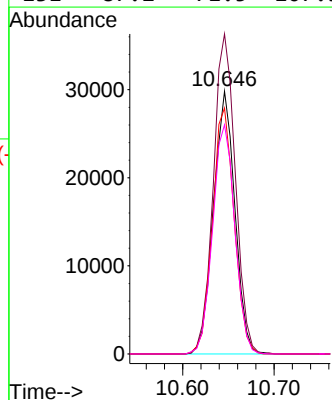
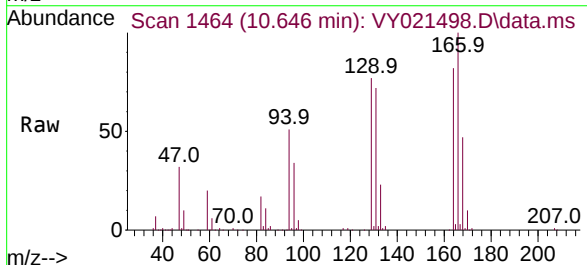
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

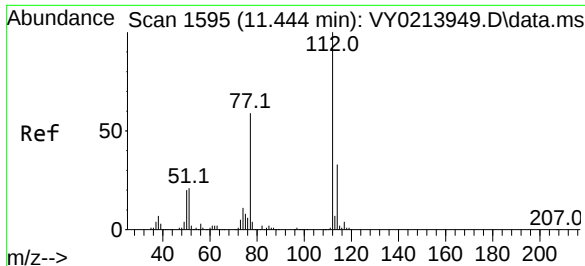
Tgt Ion:117 Resp: 281655
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 21.262 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:164 Resp: 48697
Ion Ratio Lower Upper
164 100
166 121.8 100.4 150.6
129 93.6 73.8 110.8
131 87.2 71.5 107.3

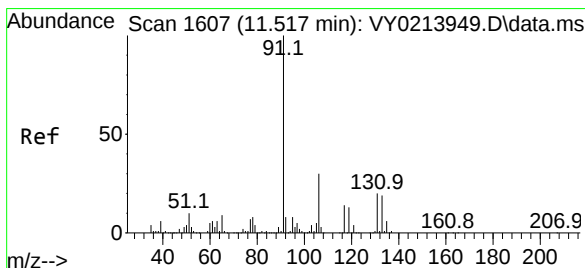
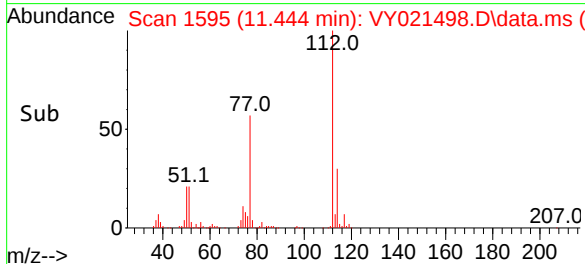
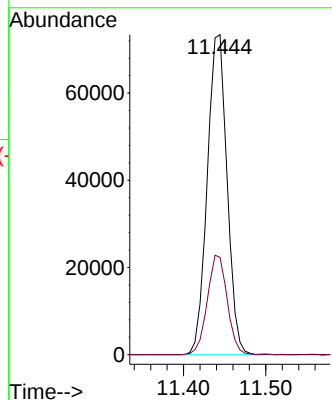
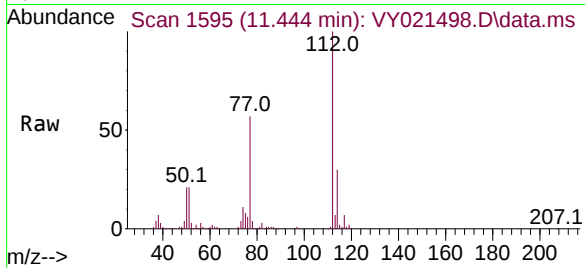




#65
Chlorobenzene
Concen: 18.460 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

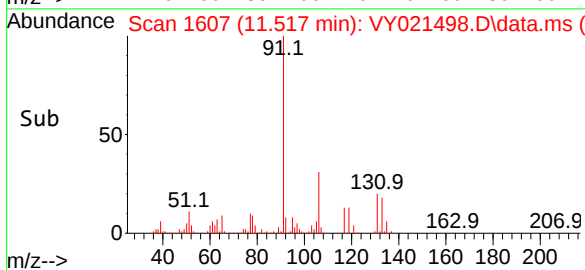
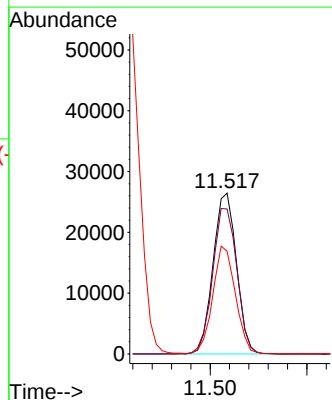
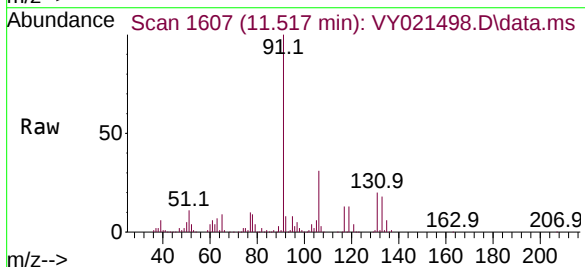
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

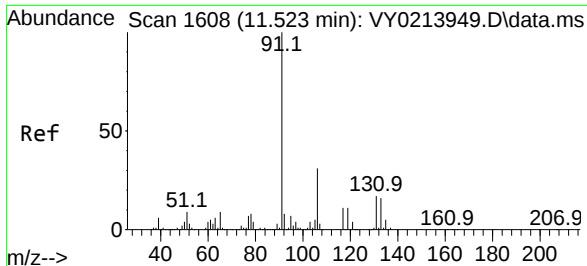
Tgt Ion:112 Resp: 122779
Ion Ratio Lower Upper
112 100
114 30.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.844 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:131 Resp: 44311
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 65.2 32.3 96.9





#67

Ethyl Benzene

Concen: 17.585 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

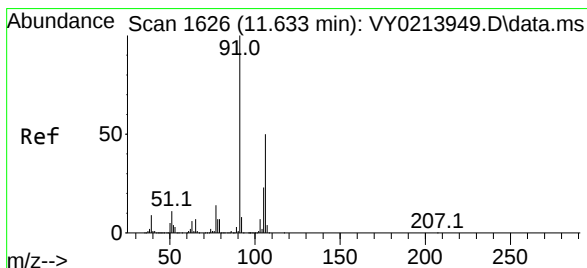
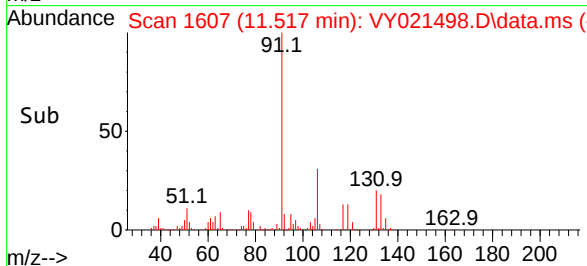
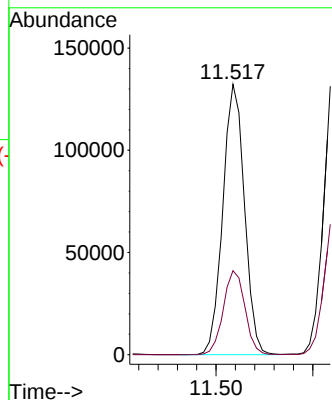
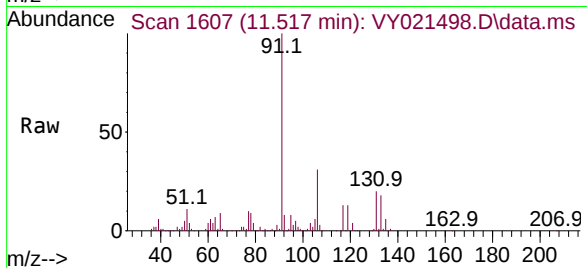
VY0311SBS02

Tgt Ion: 91 Resp: 205295

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 36.409 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021498.D

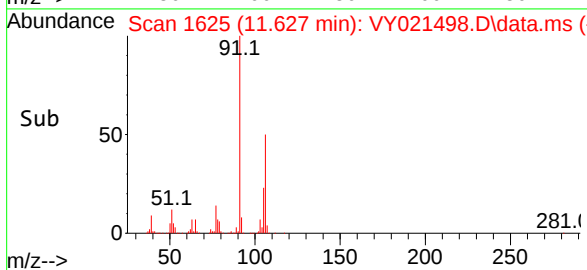
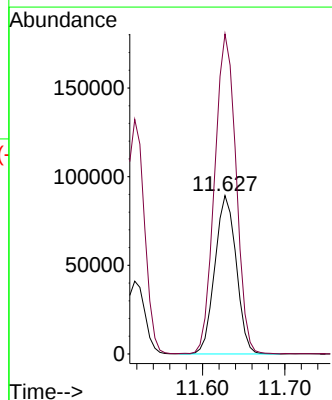
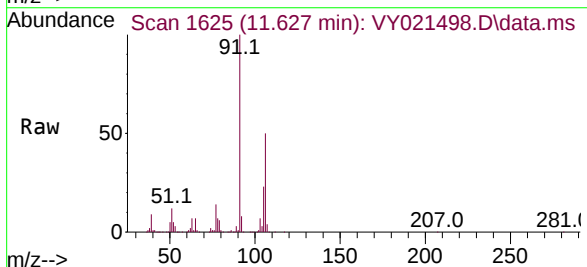
Acq: 11 Mar 2025 19:49

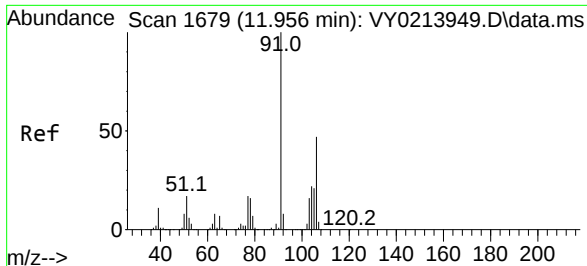
Tgt Ion:106 Resp: 161369

Ion Ratio Lower Upper

106 100

91 202.5 161.7 242.5





#69

o-Xylene

Concen: 18.210 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

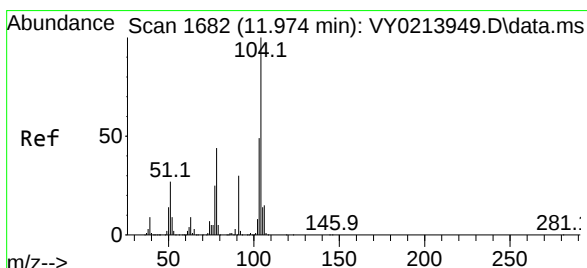
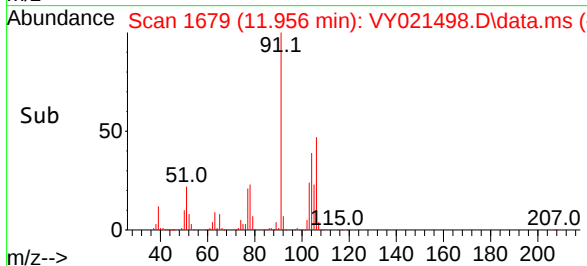
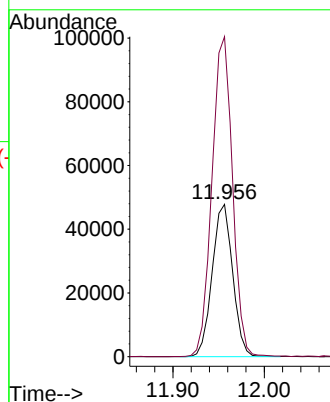
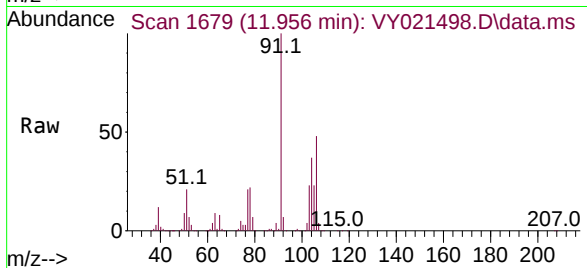
VY0311SBS02

Tgt Ion:106 Resp: 74384

Ion Ratio Lower Upper

106 100

91 210.9 107.6 322.8



#70

Styrene

Concen: 18.928 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

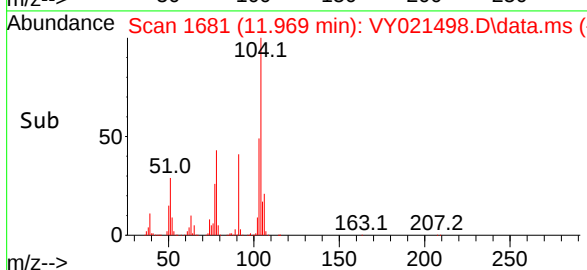
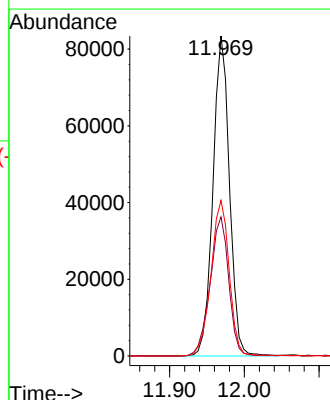
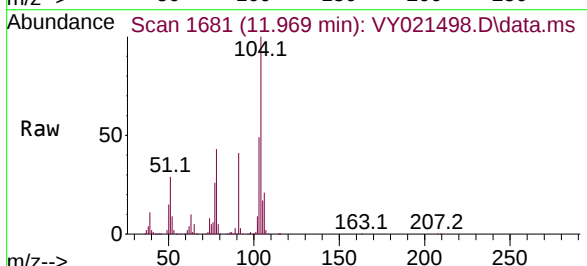
Tgt Ion:104 Resp: 128267

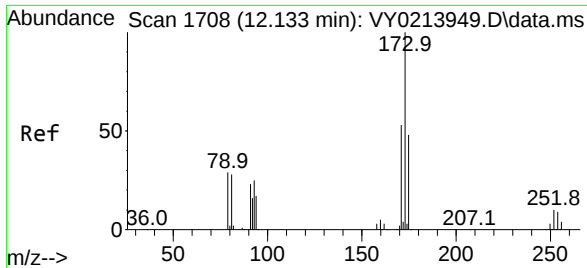
Ion Ratio Lower Upper

104 100

78 48.6 40.7 61.1

103 53.7 44.1 66.1

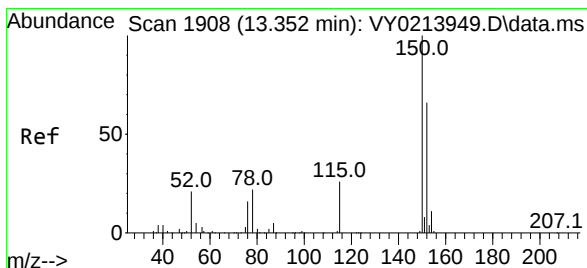
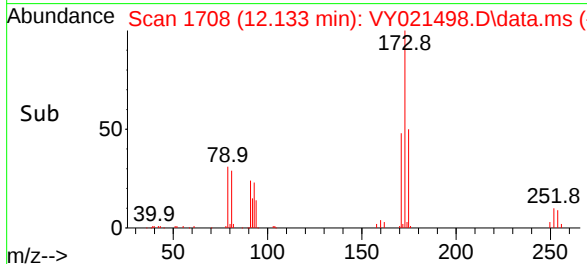
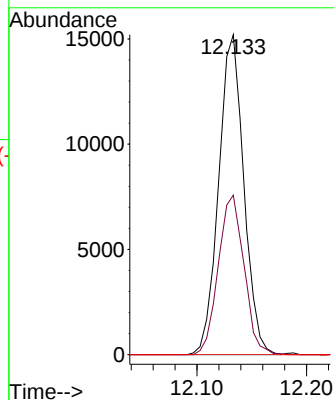
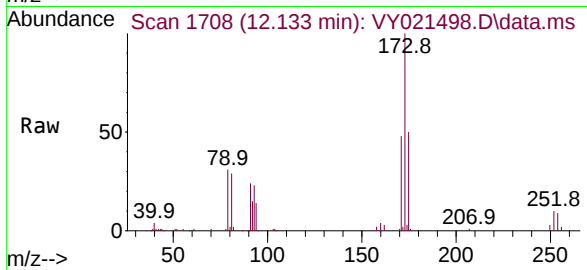




#71
Bromoform
Concen: 18.413 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

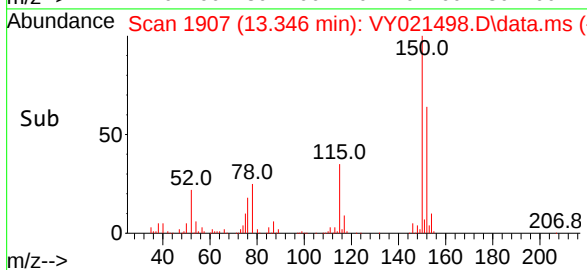
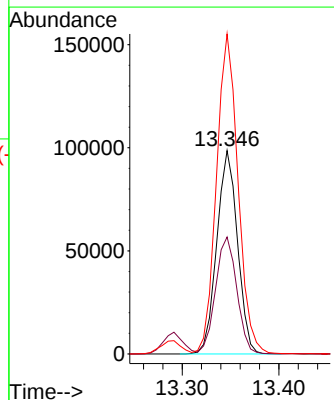
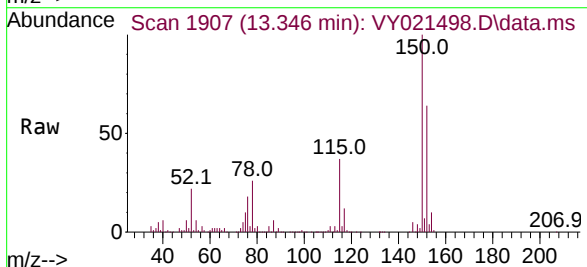
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

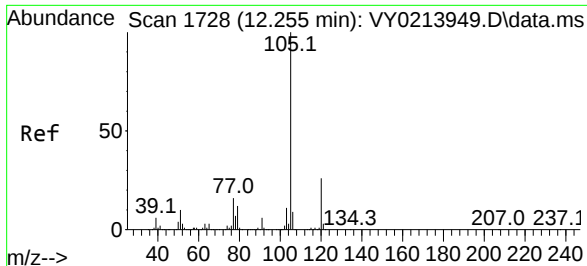
Tgt Ion:173 Resp: 24204
Ion Ratio Lower Upper
173 100
175 51.0 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:152 Resp: 146408
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 164.4 0.0 347.2

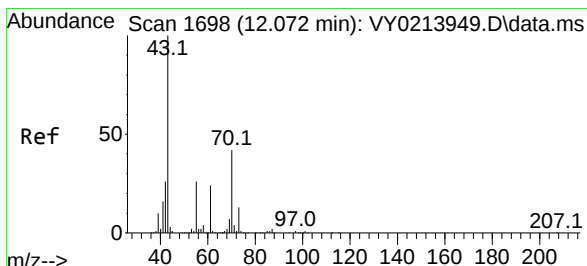
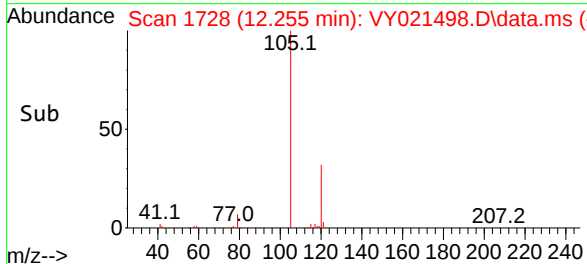
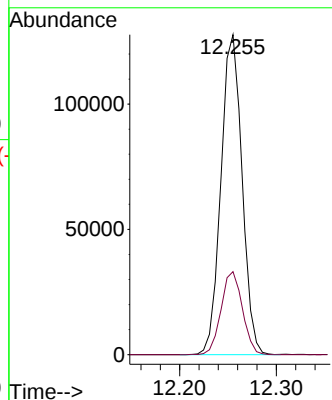
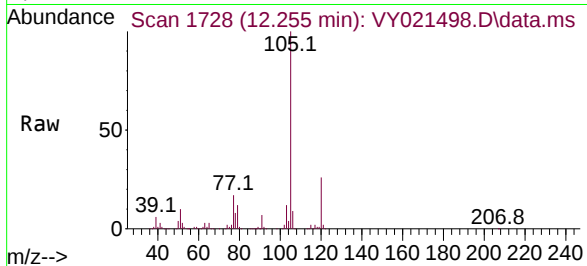




#73
Isopropylbenzene
Concen: 16.769 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

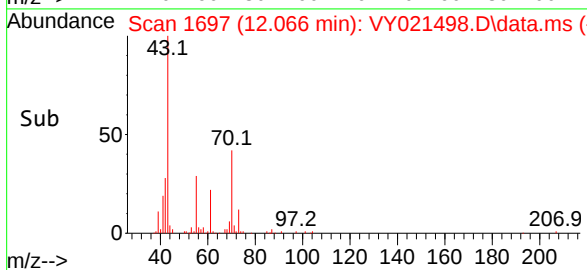
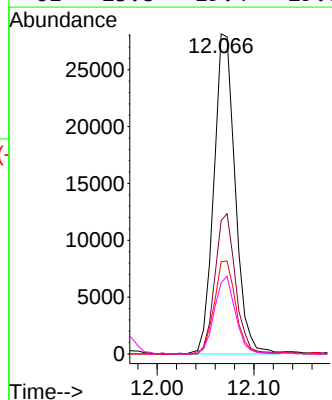
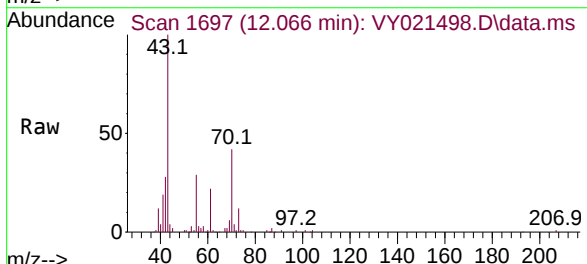
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

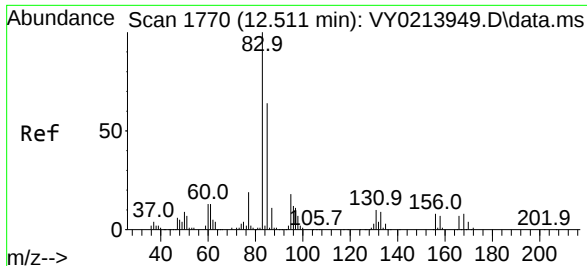
Tgt Ion:105 Resp: 193399
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 17.224 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 43139
Ion Ratio Lower Upper
43 100
70 42.2 34.6 51.8
55 29.2 21.1 31.7
61 23.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.729 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

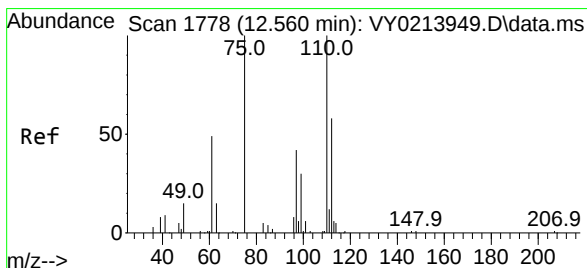
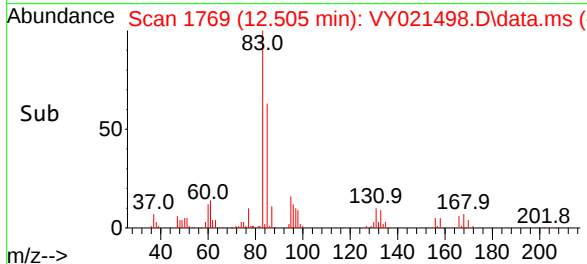
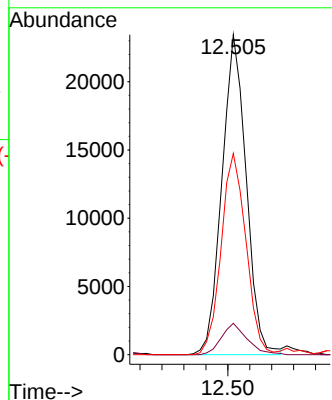
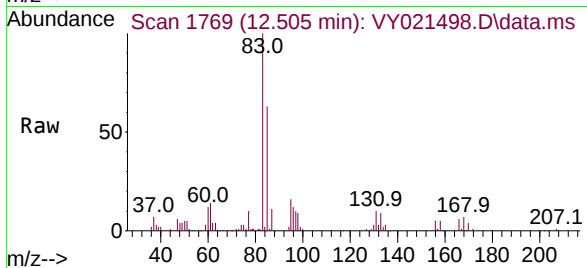
Tgt Ion: 83 Resp: 36082

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

85 64.1 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 32.724 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021498.D

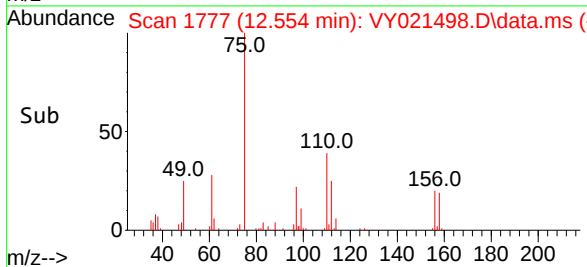
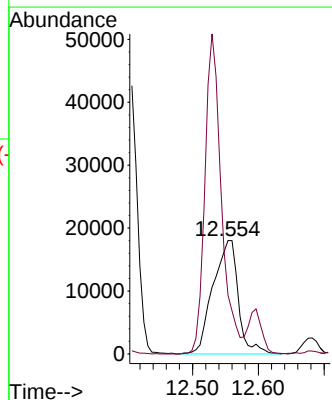
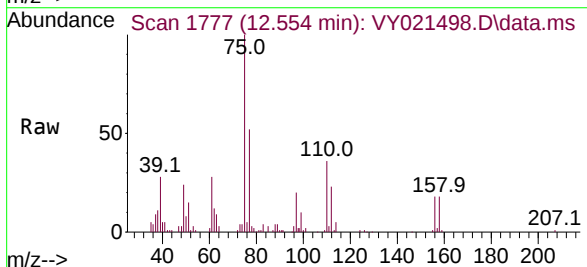
Acq: 11 Mar 2025 19:49

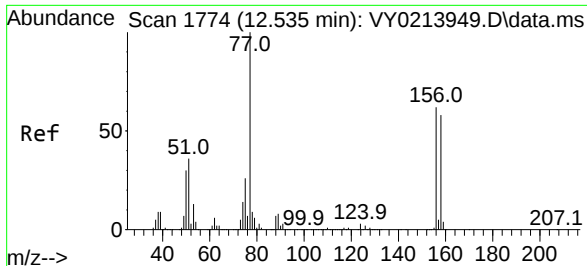
Tgt Ion: 75 Resp: 48279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

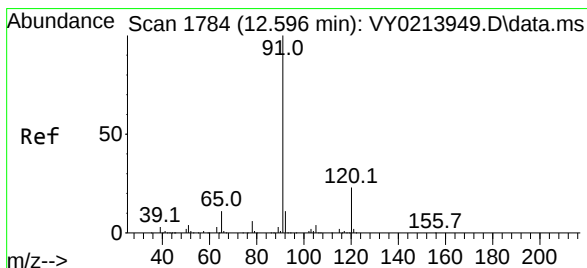
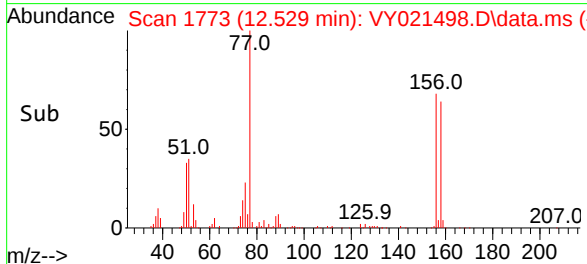
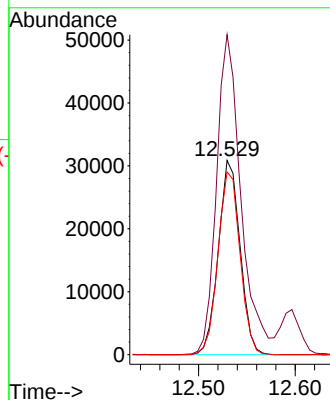
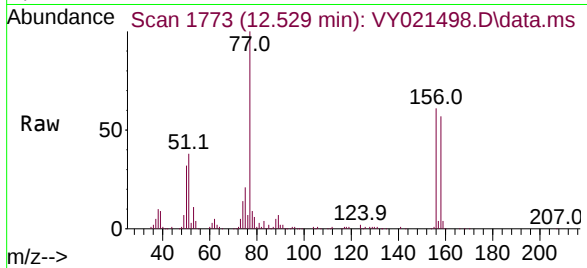




#77
Bromobenzene
Concen: 17.823 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

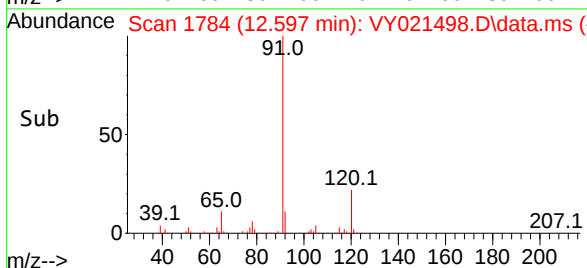
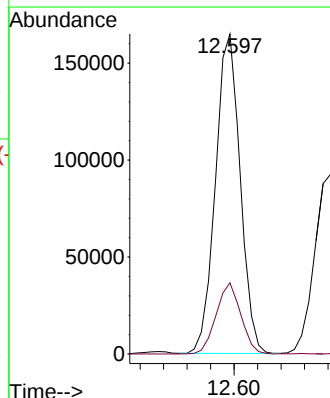
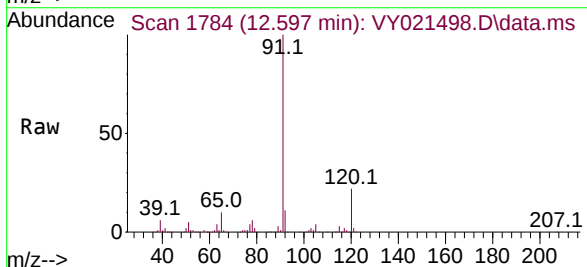
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

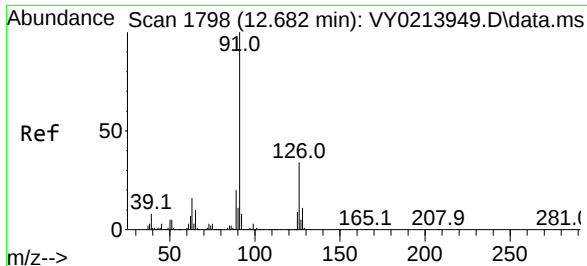
Tgt Ion:156 Resp: 48089
Ion Ratio Lower Upper
156 100
77 184.1 93.6 280.8
158 95.5 48.3 144.8



#78
n-propylbenzene
Concen: 17.179 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 91 Resp: 240613
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





#79

2-Chlorotoluene

Concen: 17.684 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

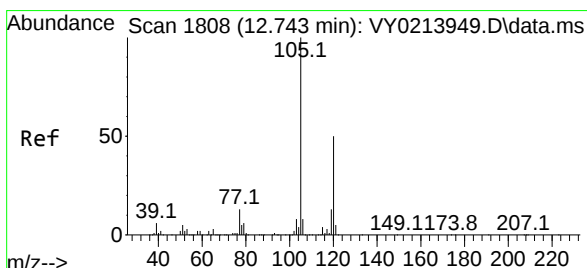
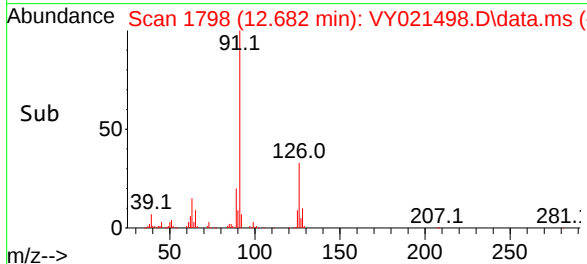
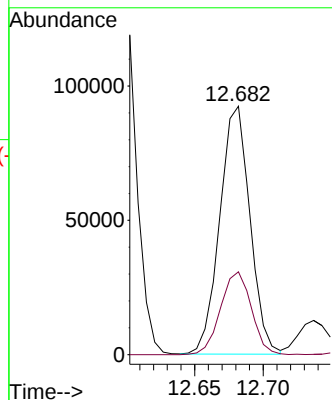
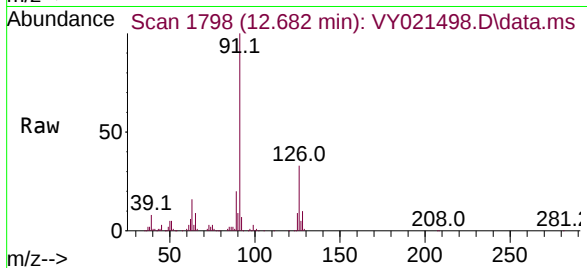
VY0311SBS02

Tgt Ion: 91 Resp: 141628

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 17.188 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021498.D

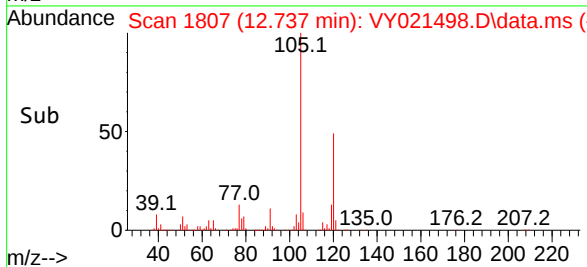
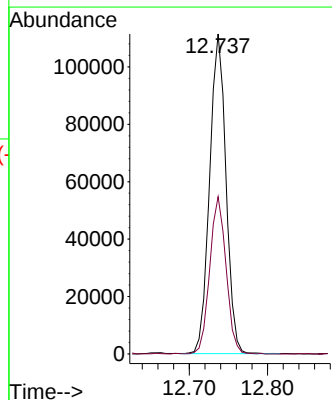
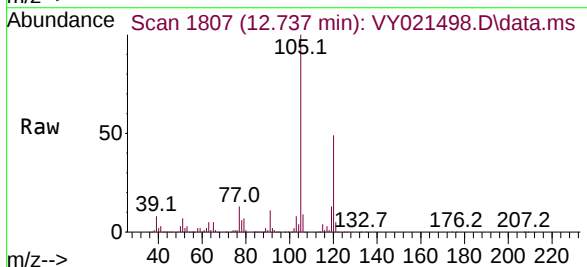
Acq: 11 Mar 2025 19:49

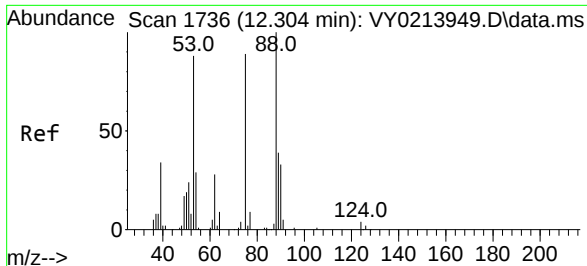
Tgt Ion: 105 Resp: 161097

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6

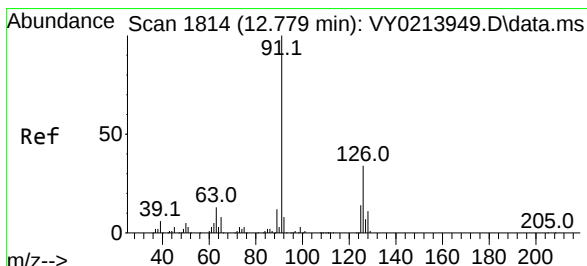
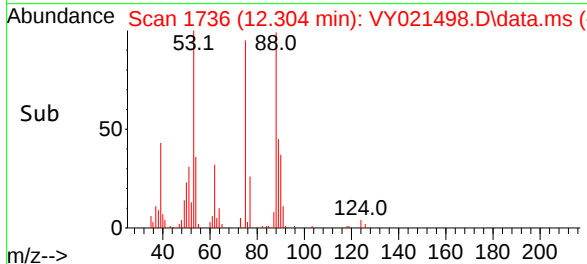
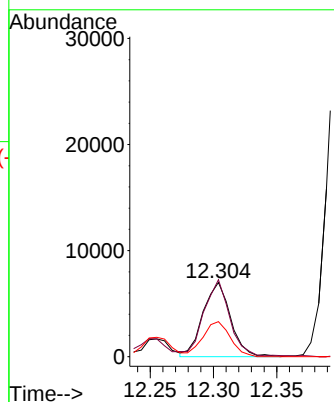
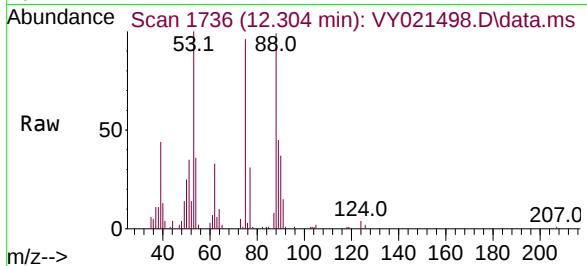




#81
trans-1,4-Dichloro-2-butene
Concen: 16.363 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

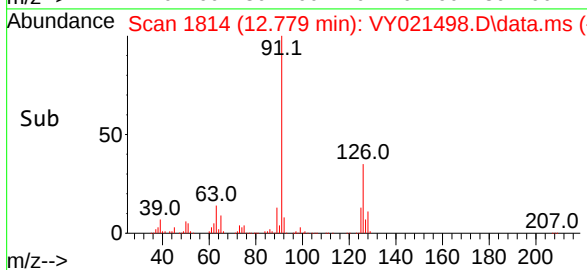
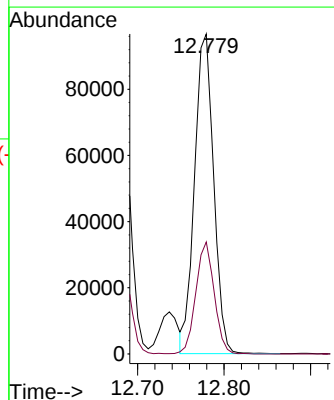
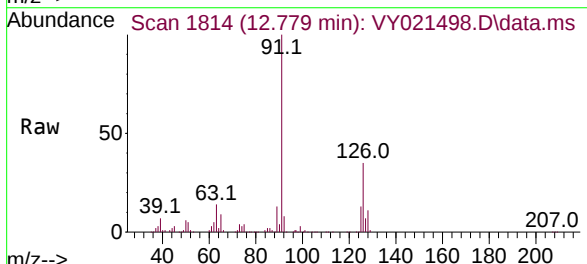
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

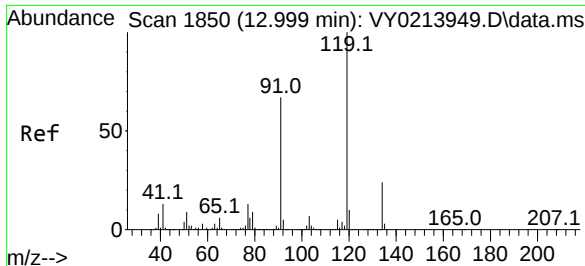
Tgt Ion: 75 Resp: 10619
Ion Ratio Lower Upper
75 100
53 94.5 81.0 121.4
89 46.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 17.857 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 91 Resp: 148090
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

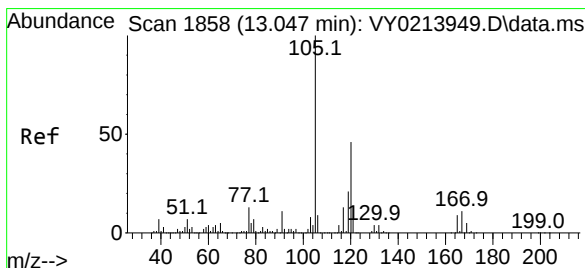
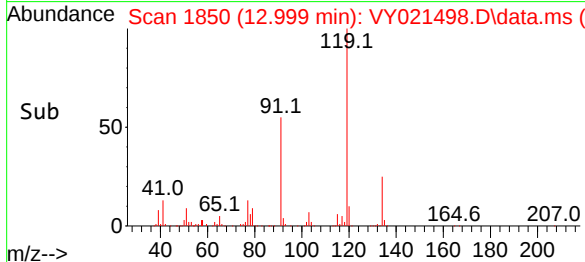
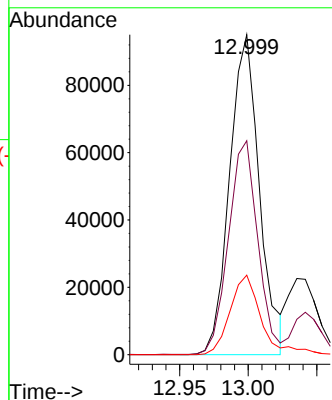
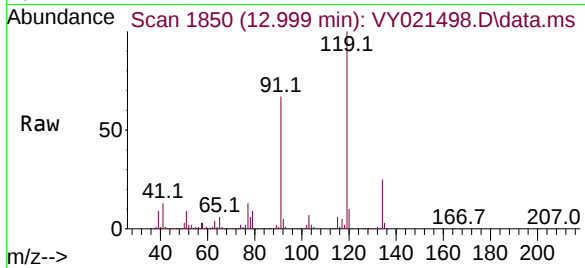




#83
 tert-Butylbenzene
 Concen: 17.218 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

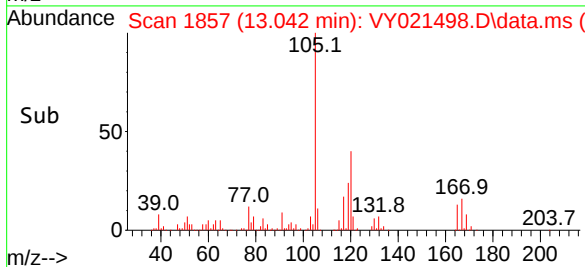
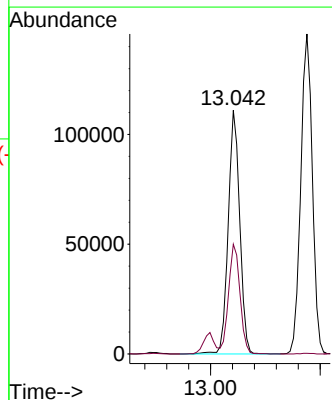
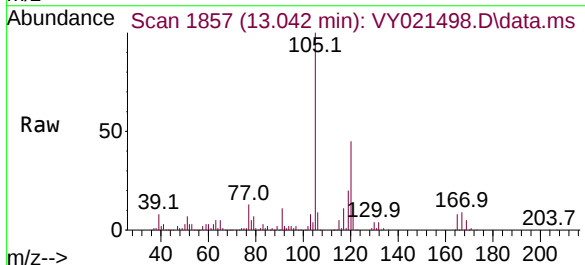
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

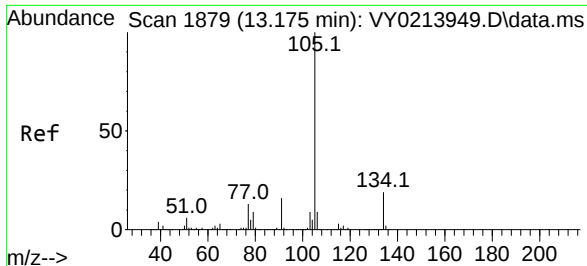
Tgt Ion:119 Resp: 143956
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 26.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.484 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion:105 Resp: 162703
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1

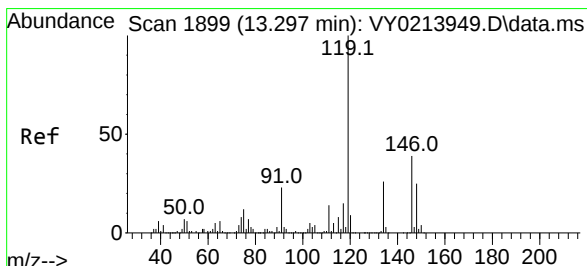
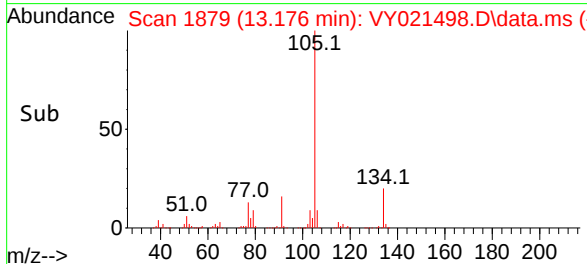
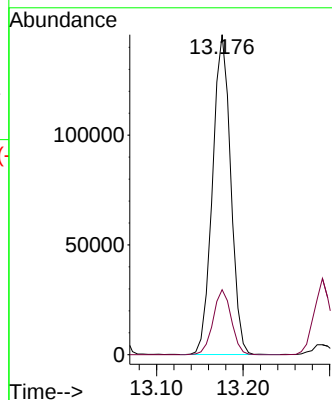
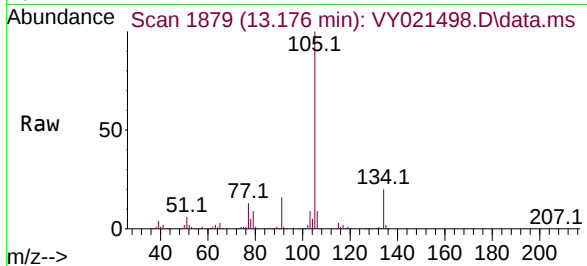




#85
 sec-Butylbenzene
 Concen: 17.074 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

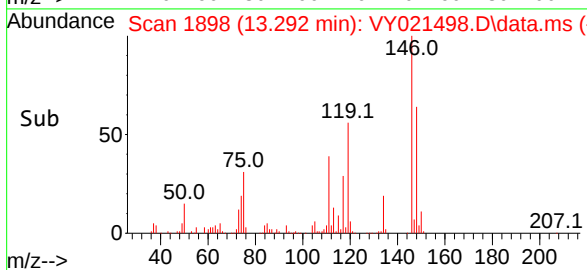
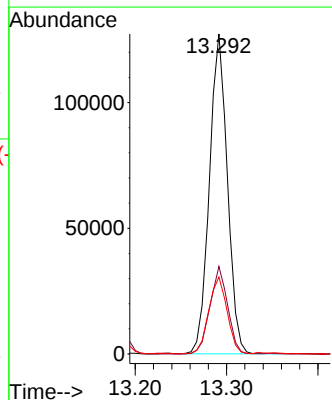
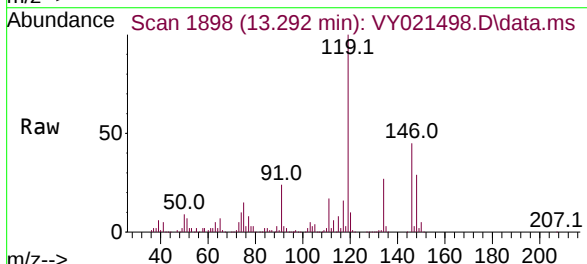
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS02

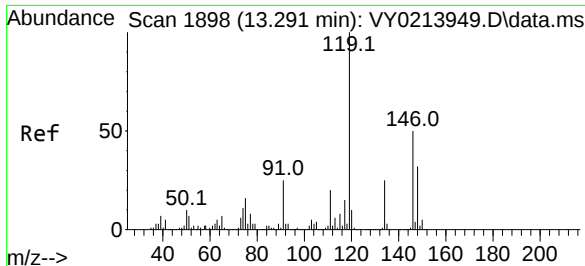
Tgt Ion:105 Resp: 212401
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 16.903 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021498.D
 Acq: 11 Mar 2025 19:49

Tgt Ion:119 Resp: 173235
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.423 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

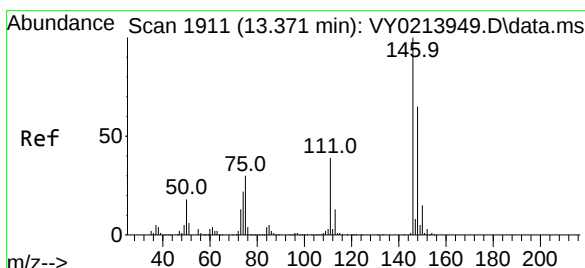
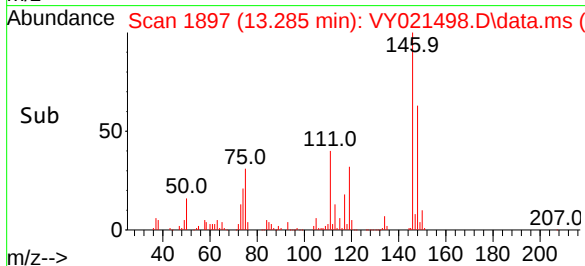
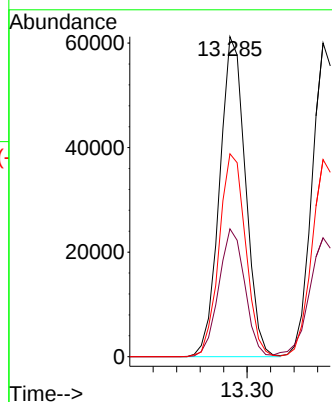
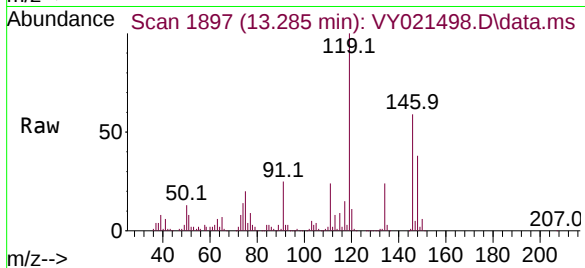
Tgt Ion:146 Resp: 93577

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

148 64.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 17.426 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

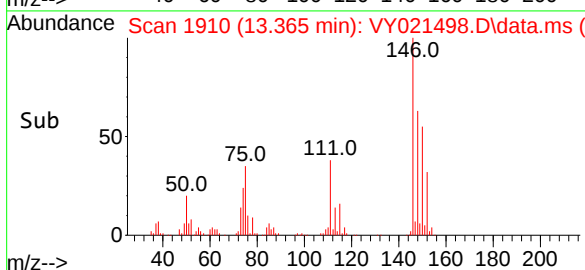
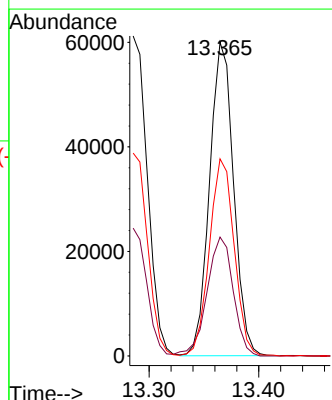
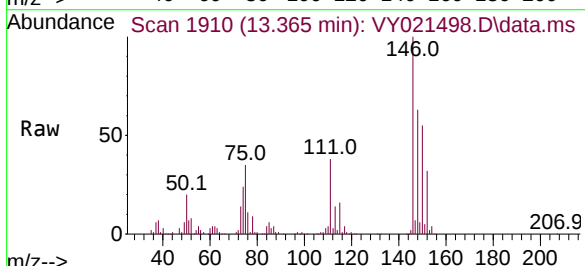
Tgt Ion:146 Resp: 91531

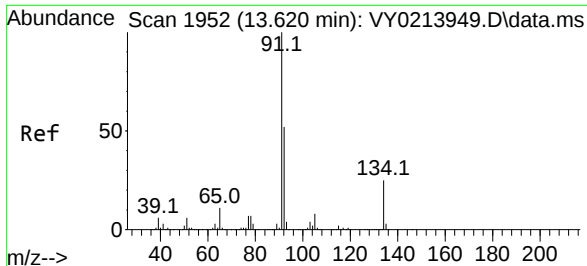
Ion Ratio Lower Upper

146 100

111 41.2 19.6 58.8

148 65.0 32.3 96.8





#89

n-Butylbenzene

Concen: 16.801 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

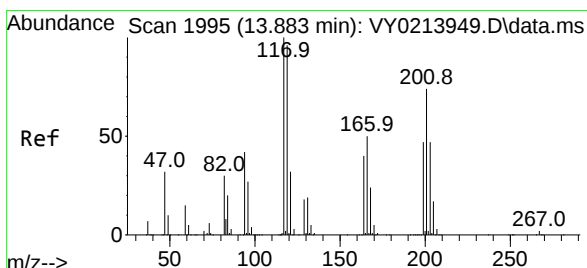
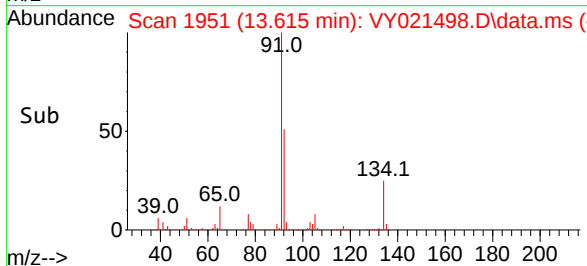
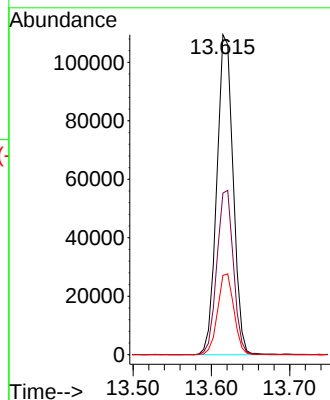
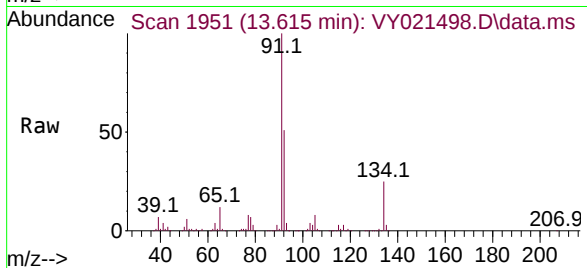
Tgt Ion: 91 Resp: 159001

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 17.474 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021498.D

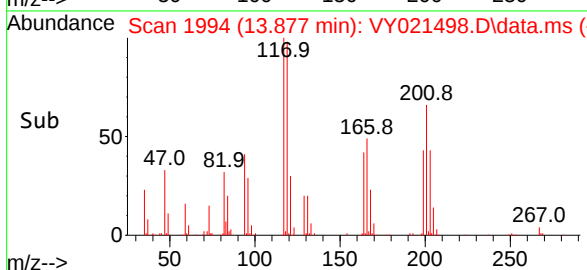
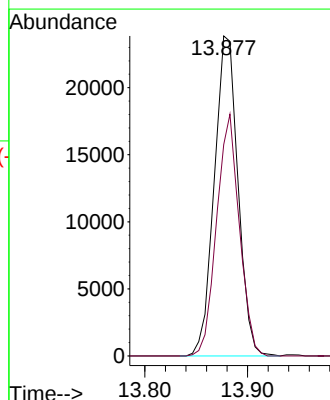
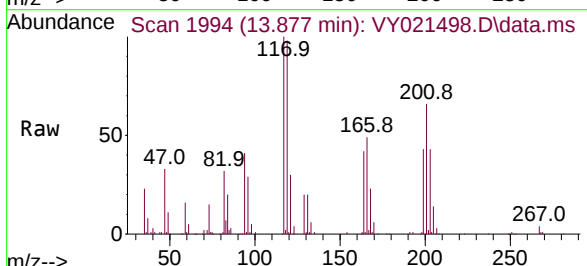
Acq: 11 Mar 2025 19:49

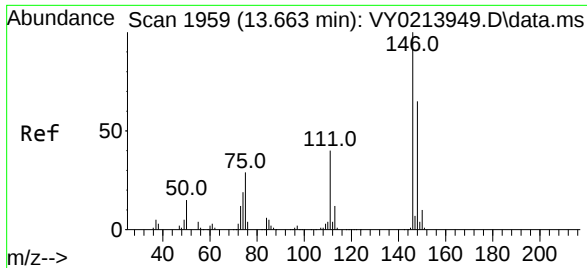
Tgt Ion: 117 Resp: 38205

Ion Ratio Lower Upper

117 100

201 72.3 37.4 112.2

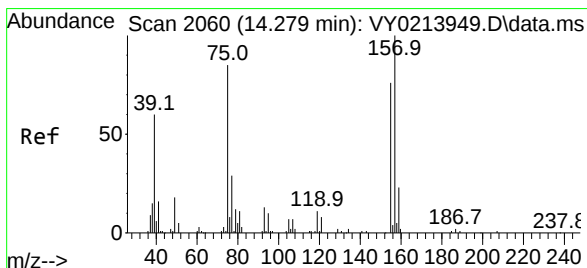
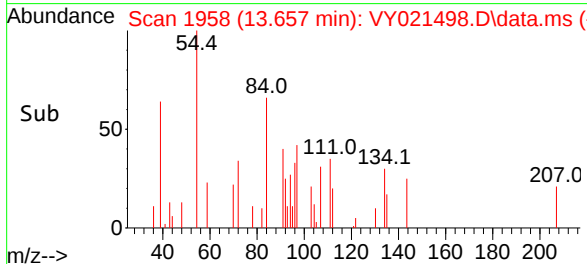
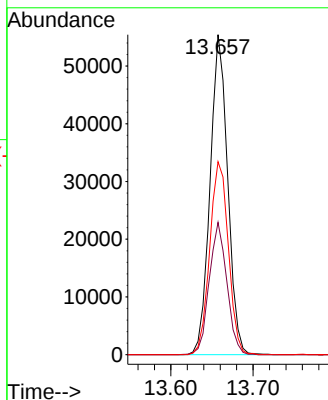
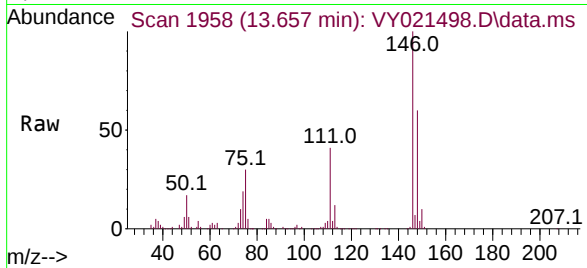




#91
1,2-Dichlorobenzene
Concen: 17.926 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

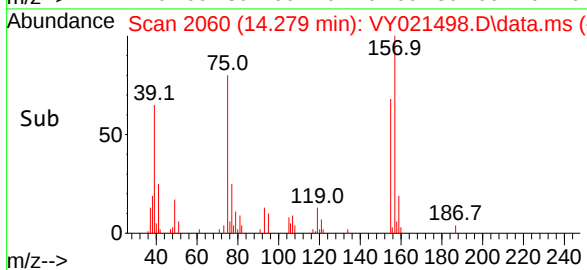
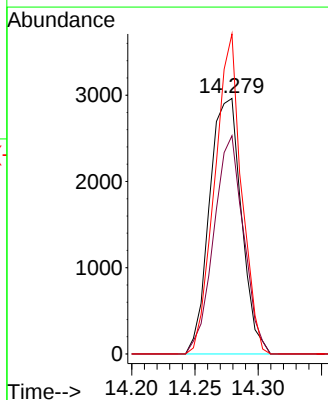
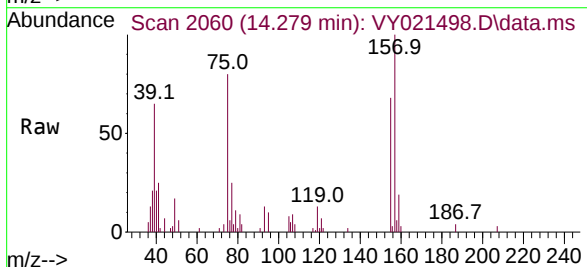
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

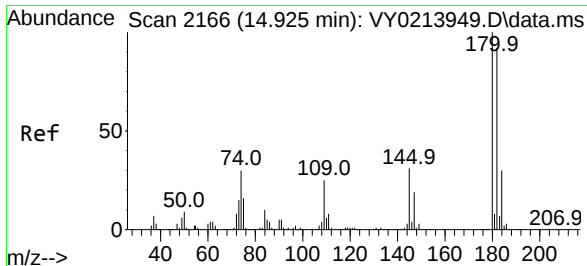
Tgt Ion:146 Resp: 82519
Ion Ratio Lower Upper
146 100
111 41.3 20.7 62.1
148 63.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.037 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion: 75 Resp: 5194
Ion Ratio Lower Upper
75 100
155 79.8 43.5 130.5
157 105.1 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 16.440 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS02

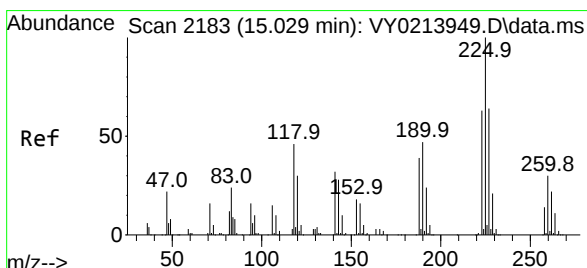
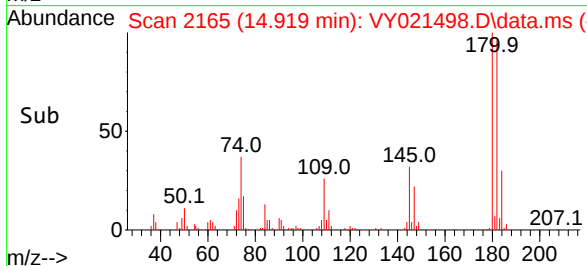
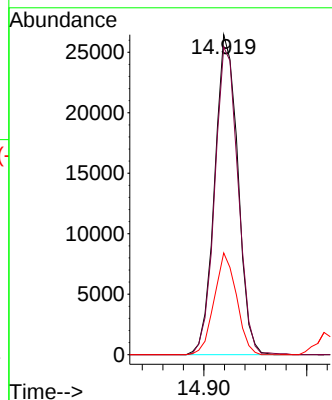
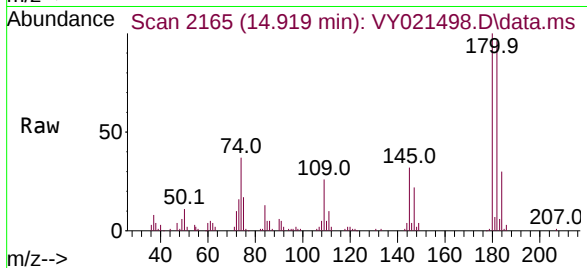
Tgt Ion:180 Resp: 41334

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.0

145 30.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 16.952 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021498.D

Acq: 11 Mar 2025 19:49

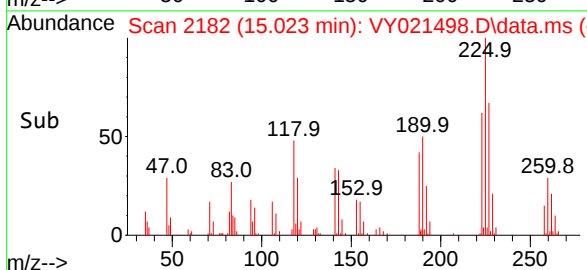
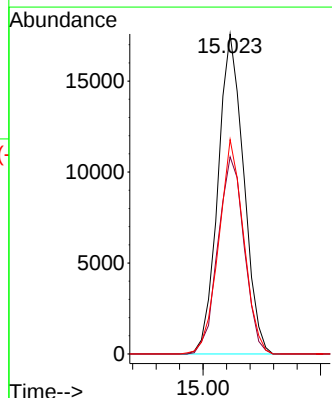
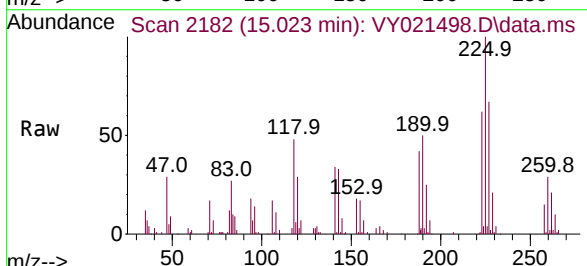
Tgt Ion:225 Resp: 26717

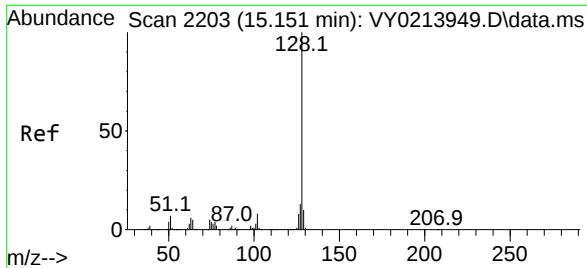
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.2

227 64.8 31.8 95.4

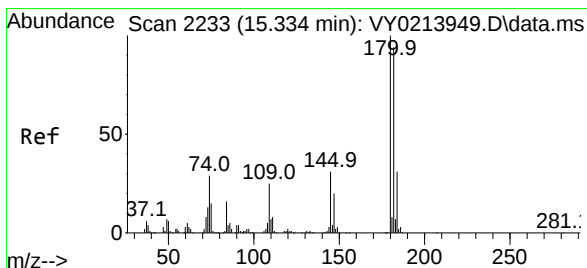
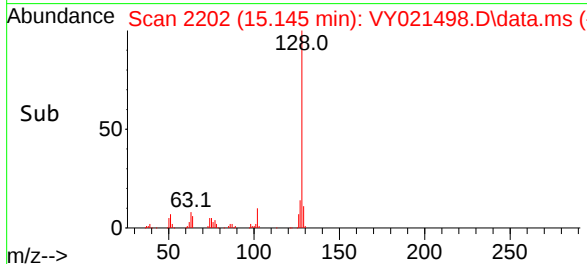
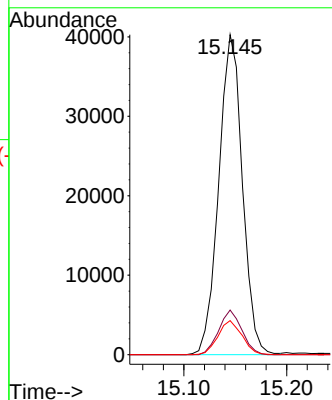
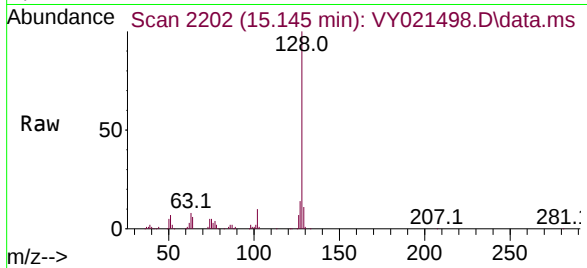




#95
Naphthalene
Concen: 17.152 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS02

Tgt Ion:128	Resp:	64312
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.6 15.8
129	10.8	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.596 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021498.D
Acq: 11 Mar 2025 19:49

Tgt Ion:180	Resp:	35094
Ion Ratio	Lower	Upper
180	100	
182	97.0	47.2 141.6
145	33.2	16.4 49.1

