

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021566.D
 Acq On : 19 Mar 2025 13:20
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Quant Time: Mar 20 01:29:39 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	191235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	298429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	266021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109431	54.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.634	113	102360	52.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.360%	
50) Toluene-d8	10.109	98	379531	51.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.408	95	133036	52.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	37450	21.340	ug/l	100
3) Chloromethane	2.068	50	54393	21.984	ug/l	100
4) Vinyl Chloride	2.202	62	62241	23.020	ug/l	100
5) Bromomethane	2.586	94	44181	22.609	ug/l	94
6) Chloroethane	2.733	64	46123	25.814	ug/l	98
7) Trichlorofluoromethane	3.056	101	96890	25.674	ug/l	98
8) Diethyl Ether	3.458	74	23603	22.568	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	50038	23.223	ug/l	98
10) Methyl Iodide	4.007	142	44931	20.514	ug/l	98
11) Tert butyl alcohol	4.848	59	8834	49.114	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	43348	22.067	ug/l	92
13) Acrolein	3.659	56	10300	100.187	ug/l	96
14) Allyl chloride	4.385	41	65909	20.762	ug/l	99
15) Acrylonitrile	5.055	53	51847	116.456	ug/l	98
16) Acetone	3.867	43	46294	105.011	ug/l	92
17) Carbon Disulfide	4.104	76	121343	19.710	ug/l	98
18) Methyl Acetate	4.379	43	24518	25.065	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	116997	23.498	ug/l	96
20) Methylene Chloride	4.610	84	53108	22.950	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	48194	21.907	ug/l	99
22) Diisopropyl ether	6.019	45	153063	22.373	ug/l	98
23) Vinyl Acetate	5.958	43	422145	108.118	ug/l	98
24) 1,1-Dichloroethane	5.915	63	94064	23.296	ug/l	97
25) 2-Butanone	6.890	43	67669	110.964	ug/l	100
26) 2,2-Dichloropropane	6.884	77	77923	20.974	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	56939	22.783	ug/l	98
28) Bromochloromethane	7.244	49	36539	21.585	ug/l	100
29) Tetrahydrofuran	7.262	42	42445	112.742	ug/l	99
30) Chloroform	7.421	83	98952	23.600	ug/l	97
31) Cyclohexane	7.701	56	78636	20.773	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	88739	23.114	ug/l	99
36) 1,1-Dichloropropene	7.835	75	64613	21.043	ug/l	99
37) Ethyl Acetate	6.982	43	30878	22.752	ug/l	98
38) Carbon Tetrachloride	7.817	117	80368	22.758	ug/l	99
39) Methylcyclohexane	9.110	83	77386	20.547	ug/l	99
40) Benzene	8.079	78	203837	22.535	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13392	18.123	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	59369	23.462	ug/l	99
43) Isopropyl Acetate	8.195	43	58262	22.115	ug/l #	86
44) Trichloroethene	8.866	130	52391	22.921	ug/l	92
45) 1,2-Dichloropropane	9.140	63	50695	23.549	ug/l	99
46) Dibromomethane	9.231	93	26876	22.438	ug/l	99
47) Bromodichloromethane	9.427	83	75726	23.806	ug/l	98
48) Methyl methacrylate	9.219	41	26363	21.792	ug/l	98
49) 1,4-Dioxane	9.231	88	5500	467.810	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	157019	115.511	ug/l	99
52) Toluene	10.170	92	129881	22.776	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	65750	23.461	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	77116	23.176	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	37329	23.824	ug/l	95
56) Ethyl methacrylate	10.439	69	44647	22.343	ug/l	96
57) 1,3-Dichloropropane	10.719	76	62865	23.149	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	107901	116.971	ug/l	98
59) 2-Hexanone	10.762	43	100806	112.152	ug/l	98
60) Dibromochloromethane	10.914	129	50602	23.557	ug/l	99
61) 1,2-Dibromoethane	11.018	107	34548	23.362	ug/l	99
64) Tetrachloroethene	10.646	164	55764	25.779	ug/l	97
65) Chlorobenzene	11.444	112	142420	22.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	48359	21.774	ug/l	98
67) Ethyl Benzene	11.524	91	242568	21.999	ug/l	100
68) m/p-Xylenes	11.627	106	182863	43.684	ug/l	99
69) o-Xylene	11.957	106	85563	22.178	ug/l	98
70) Styrene	11.969	104	147234	23.004	ug/l	99
71) Bromoform	12.133	173	30073	24.222	ug/l #	100
73) Isopropylbenzene	12.255	105	233714	21.284	ug/l	99
74) N-amyl acetate	12.072	43	49885	20.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	43260	22.325	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	55417	39.451	ug/l #	100
77) Bromobenzene	12.536	156	52492	20.433	ug/l	99
78) n-propylbenzene	12.597	91	268133	20.106	ug/l	100
79) 2-Chlorotoluene	12.682	91	155414	20.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	194924	21.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12011	19.438	ug/l	98
82) 4-Chlorotoluene	12.780	91	162073	20.525	ug/l	99
83) tert-Butylbenzene	12.999	119	162559	20.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	192691	21.748	ug/l	100
85) sec-Butylbenzene	13.176	105	242690	20.490	ug/l	100
86) p-Isopropyltoluene	13.292	119	202494	20.751	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	112582	22.016	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	108976	21.790	ug/l	99
89) n-Butylbenzene	13.621	91	182277	20.229	ug/l	100
90) Hexachloroethane	13.883	117	43477	20.885	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	100252	22.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6866	23.654	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	54774	22.880	ug/l	98
94) Hexachlorobutadiene	15.029	225	32864	21.900	ug/l	97
95) Naphthalene	15.145	128	88241	23.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	46302	22.997	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

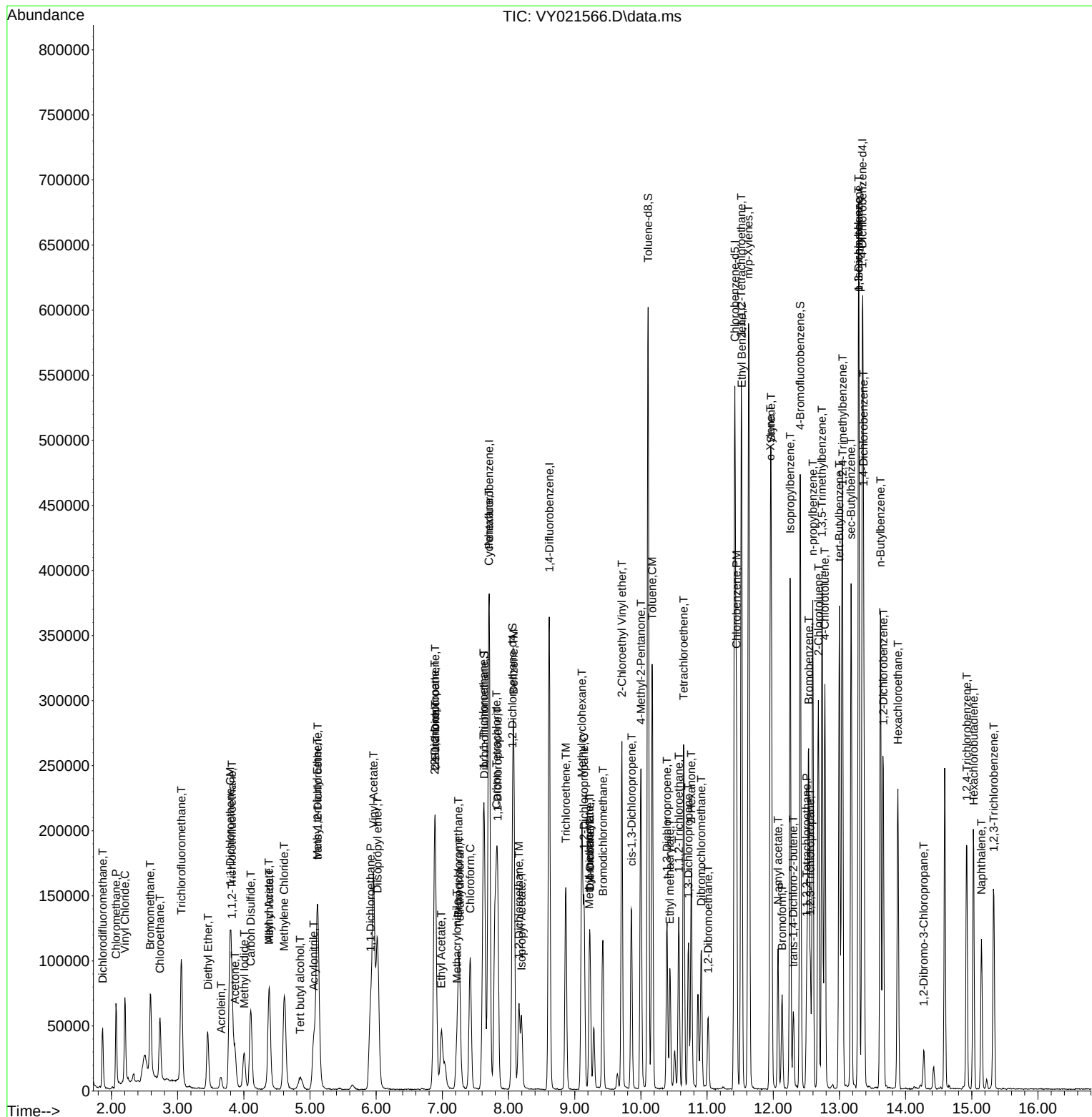
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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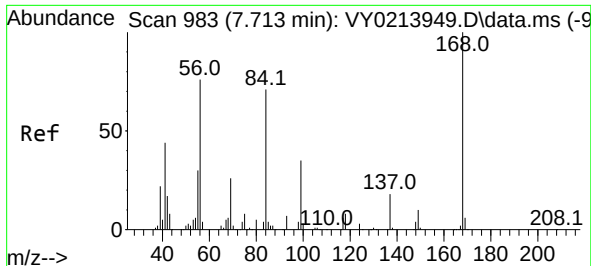
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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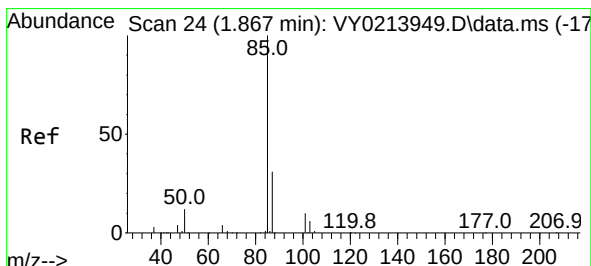
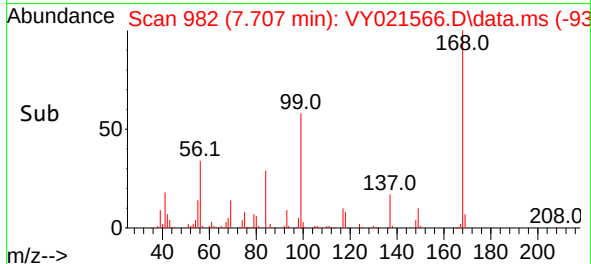
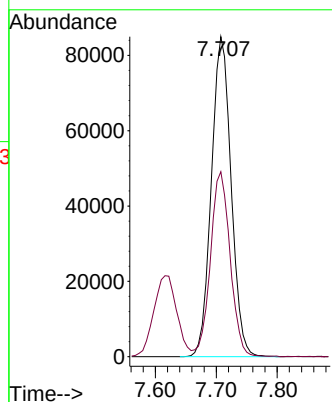
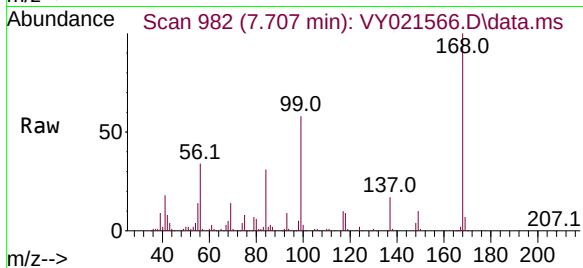




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

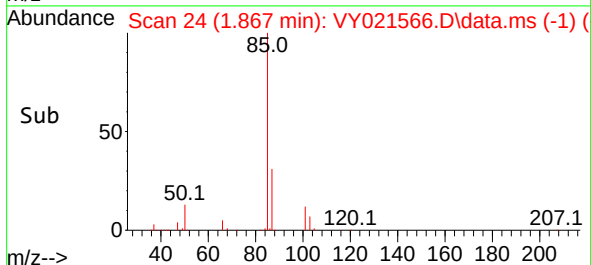
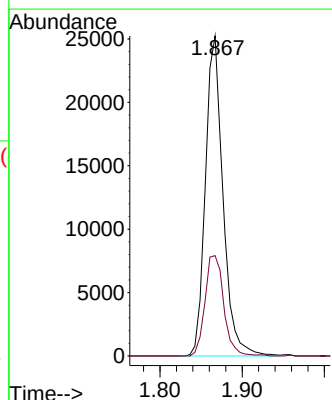
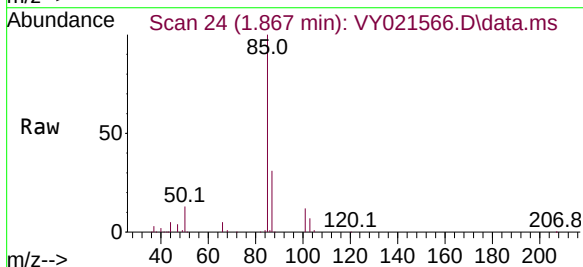
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

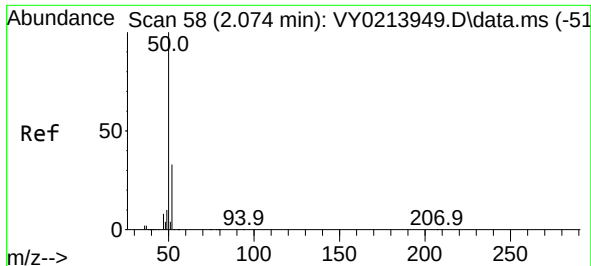
Tgt Ion:168 Resp: 191235
Ion Ratio Lower Upper
168 100
99 57.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 21.340 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 85 Resp: 37450
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0

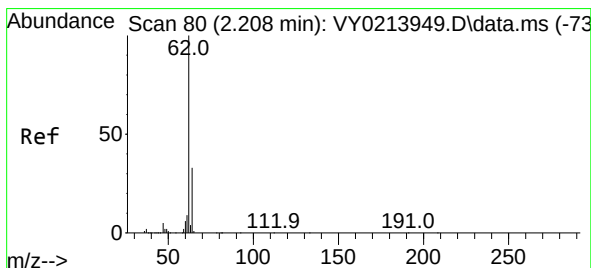
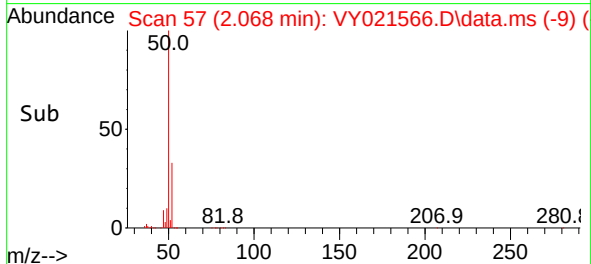
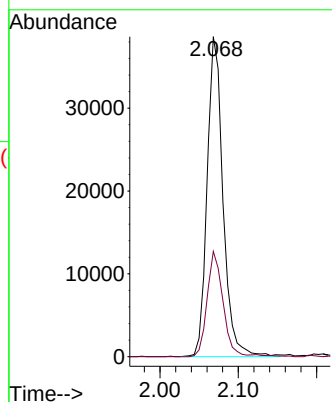
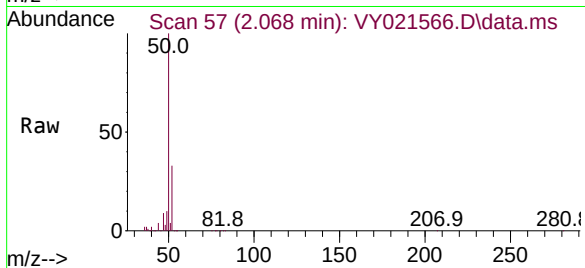




#3
Chloromethane
Concen: 21.984 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

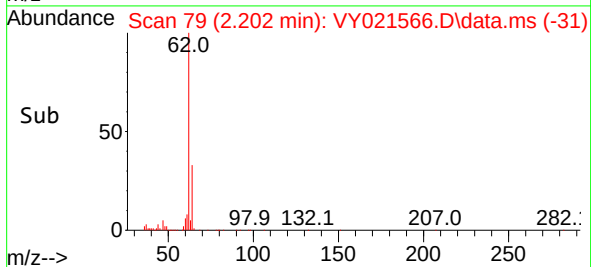
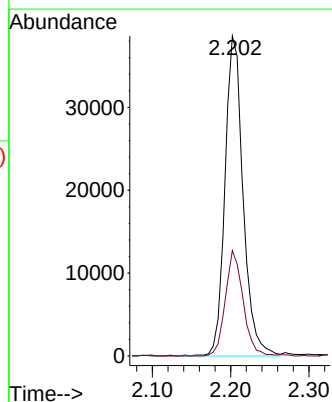
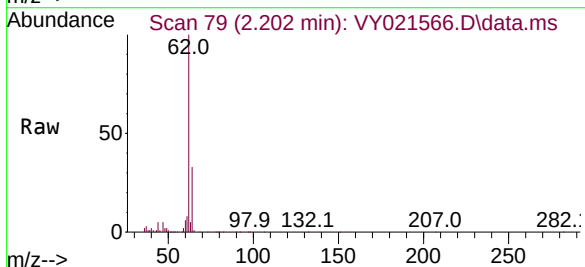
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

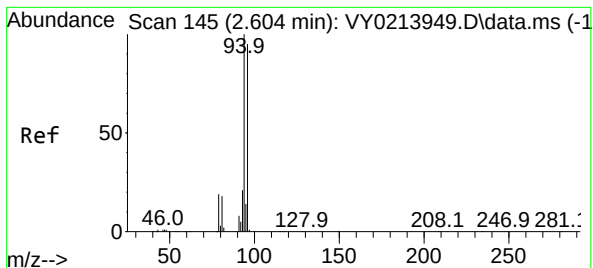
Tgt Ion: 50 Resp: 54393
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 23.020 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 62 Resp: 62241
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5

Bromomethane

Concen: 22.609 ug/l

RT: 2.586 min Scan# 145

Delta R.T. -0.018 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

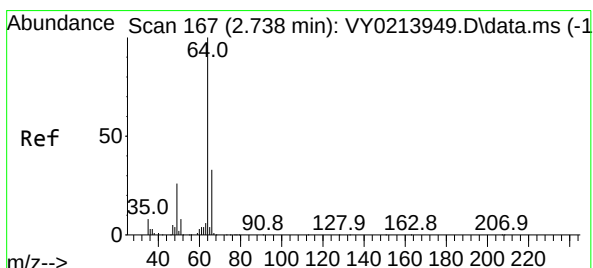
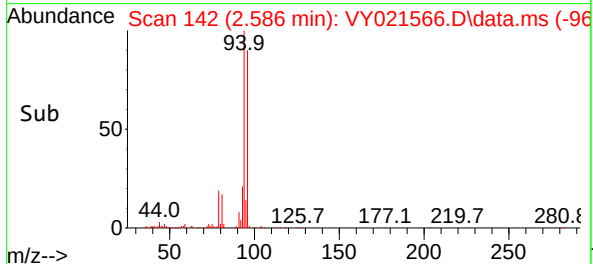
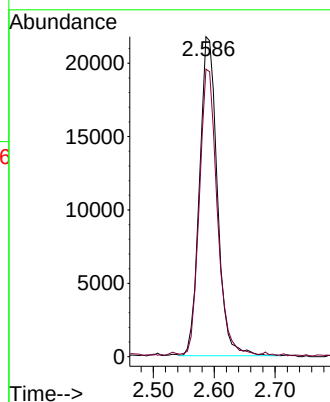
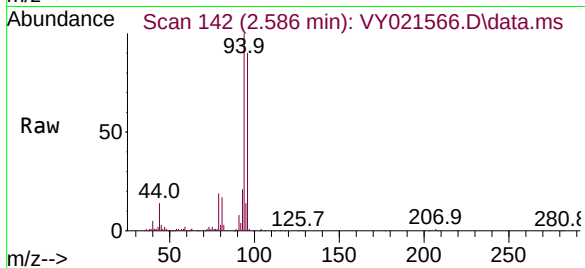
VY0319SBS01

Tgt Ion: 94 Resp: 44181

Ion Ratio Lower Upper

94 100

96 89.5 76.3 114.5



#6

Chloroethane

Concen: 25.814 ug/l

RT: 2.733 min Scan# 166

Delta R.T. -0.006 min

Lab File: VY021566.D

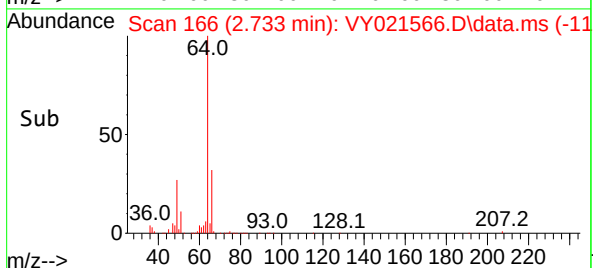
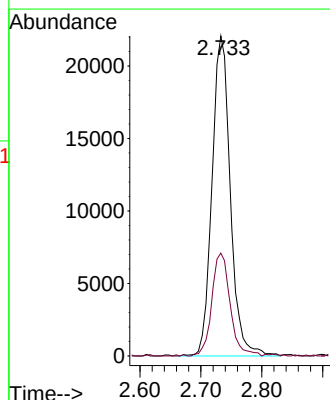
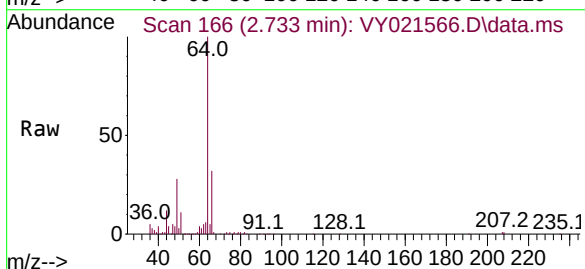
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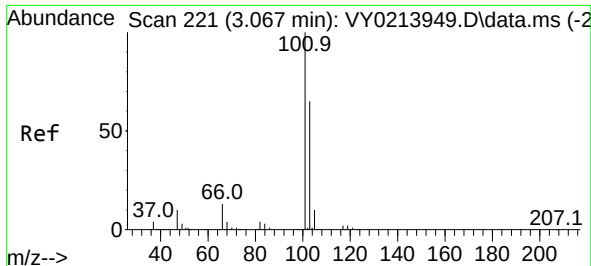
Tgt Ion: 64 Resp: 46123

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1

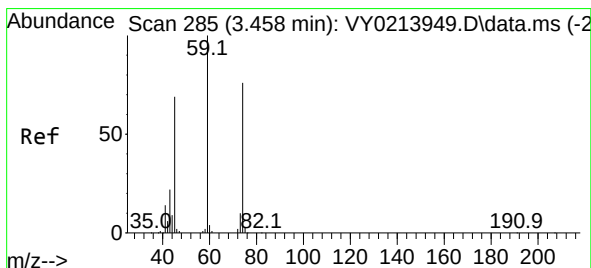
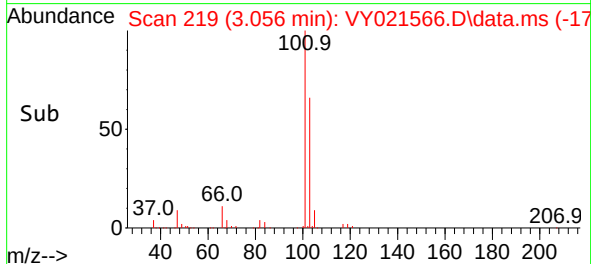
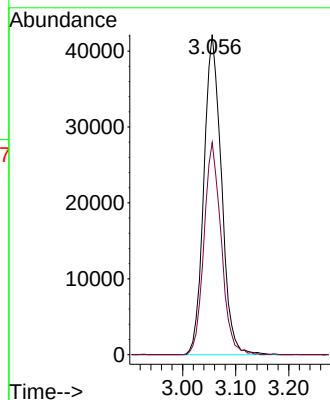
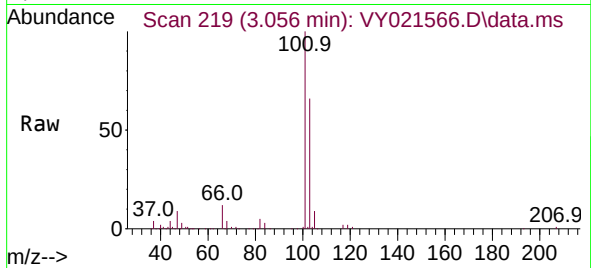




#7
Trichlorofluoromethane
Concen: 25.674 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

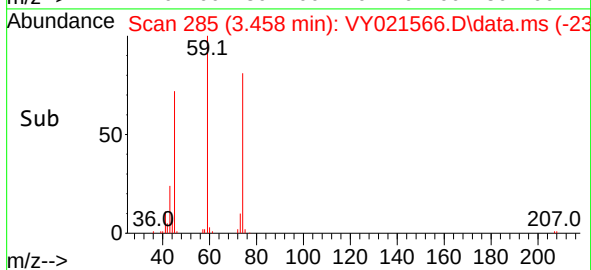
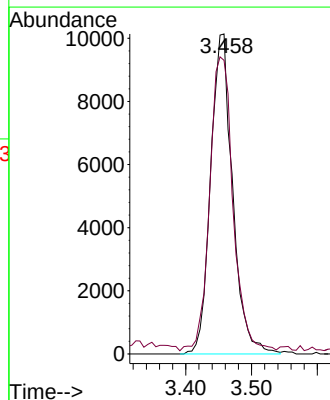
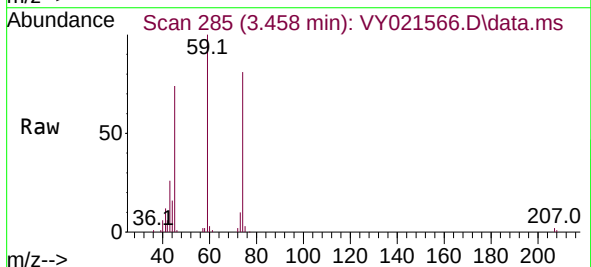
Instrument :
MSVOA_Y
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VY0319SBS01

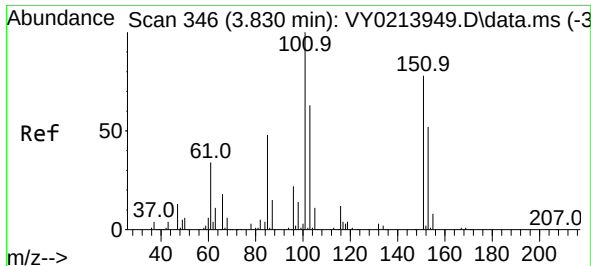
Tgt Ion:101 Resp: 96890
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5



#8
Diethyl Ether
Concen: 22.568 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 74 Resp: 23603
Ion Ratio Lower Upper
74 100
45 97.2 49.7 149.1

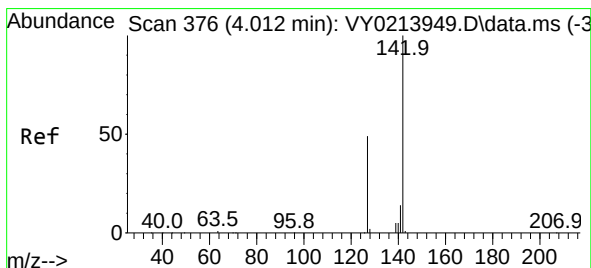
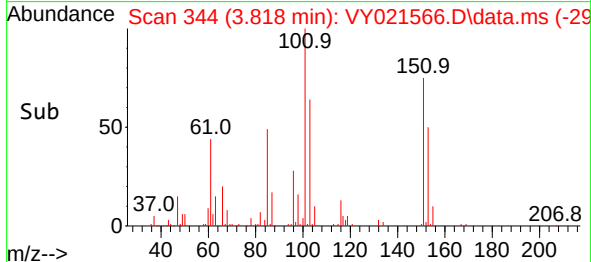
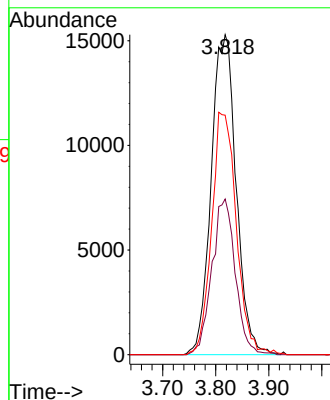
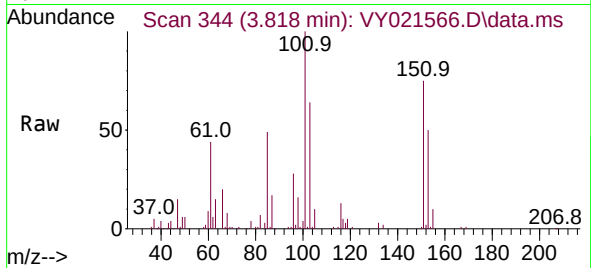




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.223 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

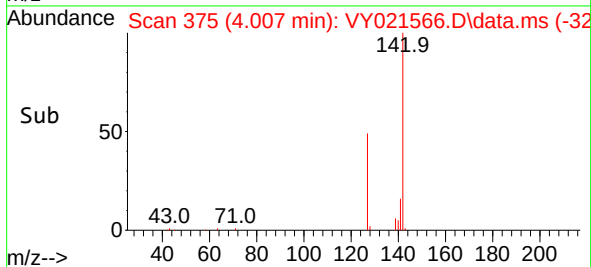
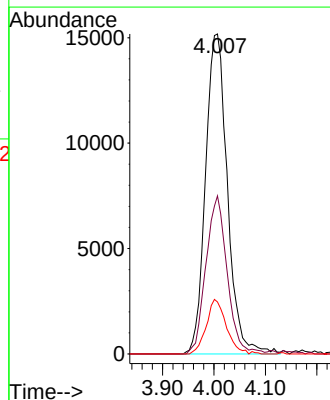
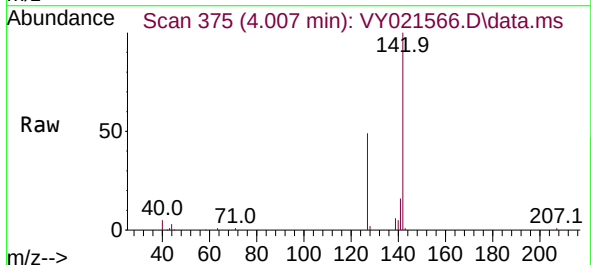
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

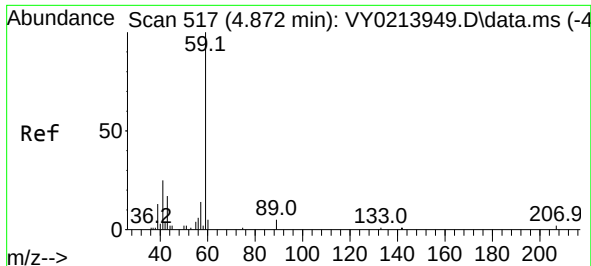
Tgt Ion:101 Resp: 50038
Ion Ratio Lower Upper
101 100
85 45.7 37.1 55.7
151 74.9 62.1 93.1



#10
Methyl Iodide
Concen: 20.514 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:142 Resp: 44931
Ion Ratio Lower Upper
142 100
127 47.8 39.1 58.7
141 15.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 49.114 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

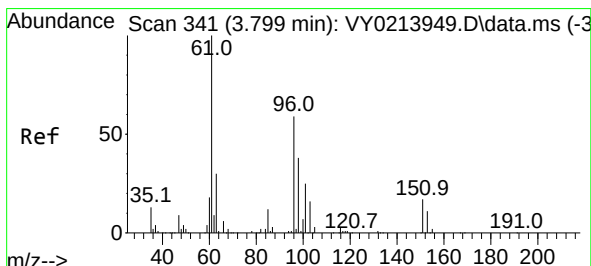
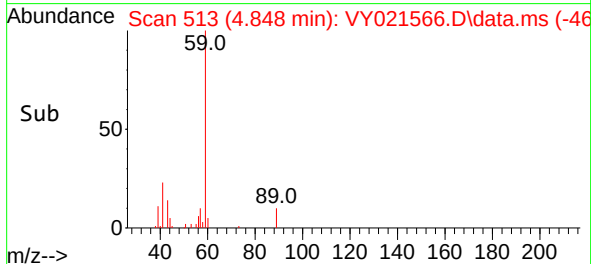
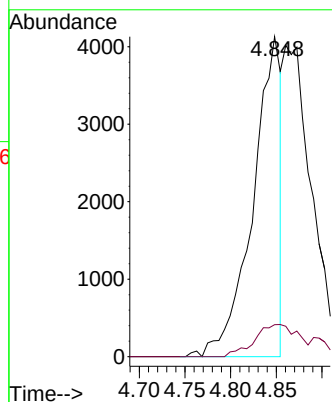
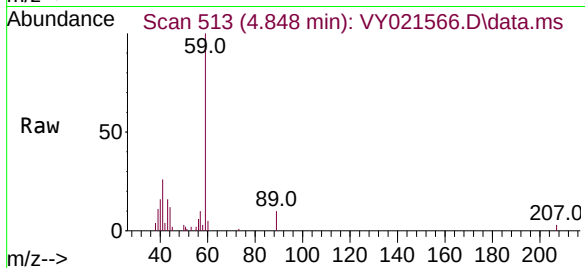
VY0319SBS01

Tgt Ion: 59 Resp: 8834

Ion Ratio Lower Upper

59 100

57 15.6 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 22.067 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

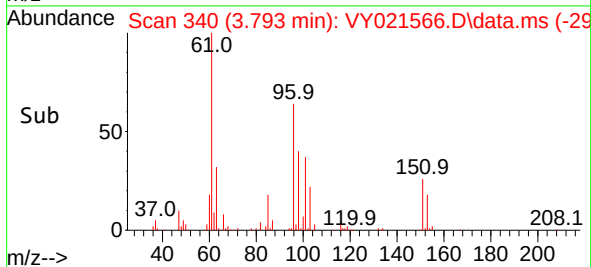
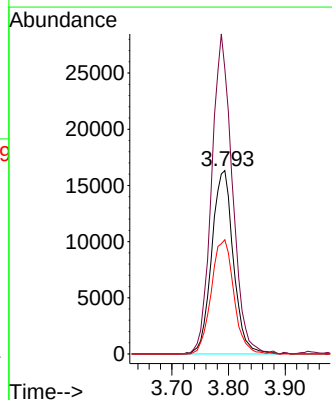
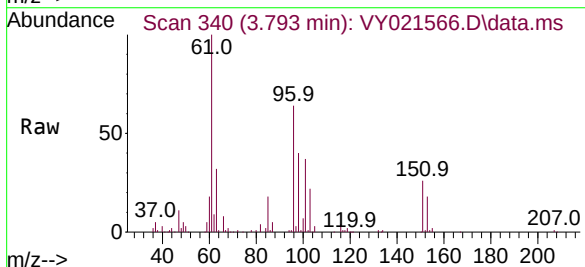
Tgt Ion: 96 Resp: 43348

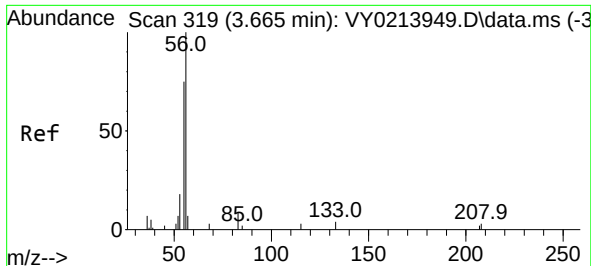
Ion Ratio Lower Upper

96 100

61 155.5 135.2 202.8

98 62.3 51.4 77.2





#13

Acrolein

Concen: 100.187 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

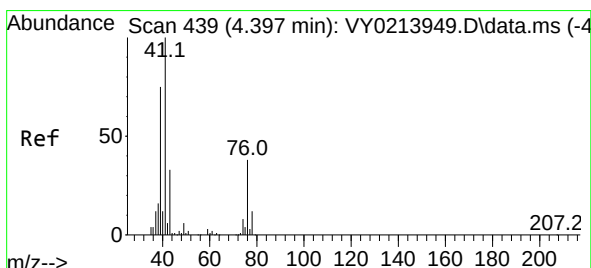
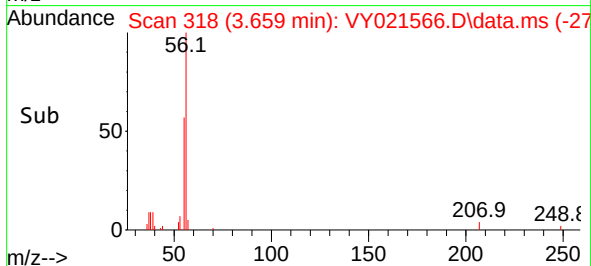
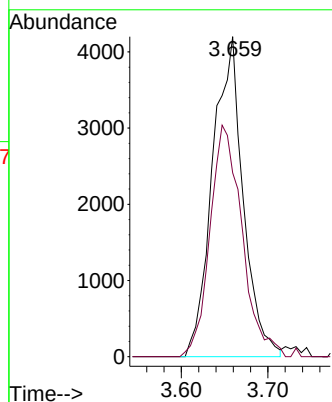
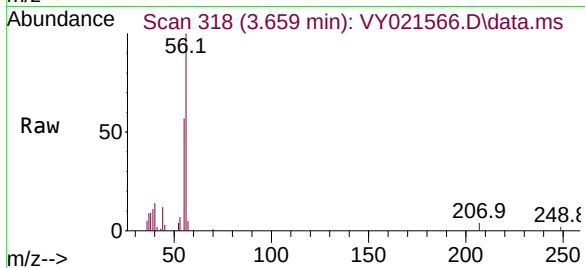
VY0319SBS01

Tgt Ion: 56 Resp: 10300

Ion Ratio Lower Upper

56 100

55 75.8 63.4 95.2



#14

Allyl chloride

Concen: 20.762 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

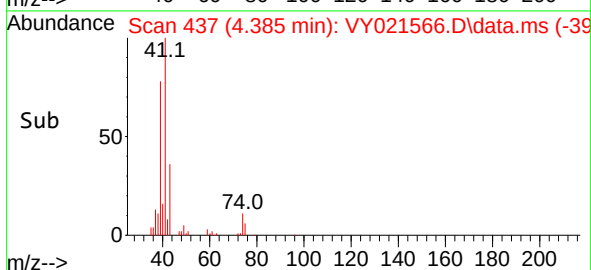
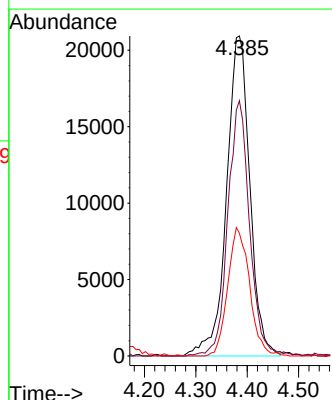
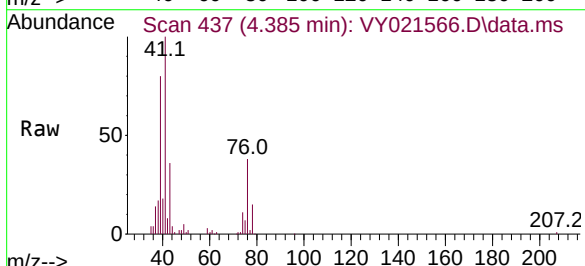
Tgt Ion: 41 Resp: 65909

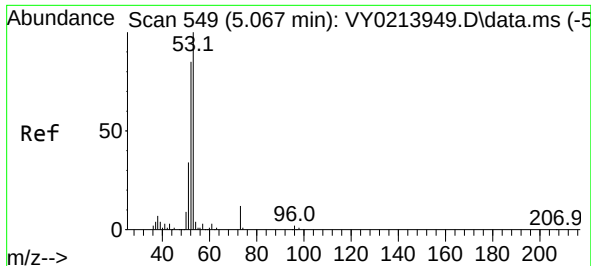
Ion Ratio Lower Upper

41 100

39 74.5 59.3 88.9

76 37.7 29.8 44.8

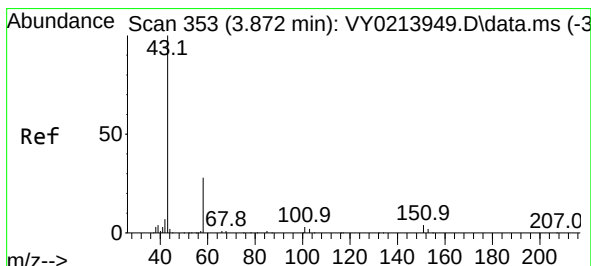
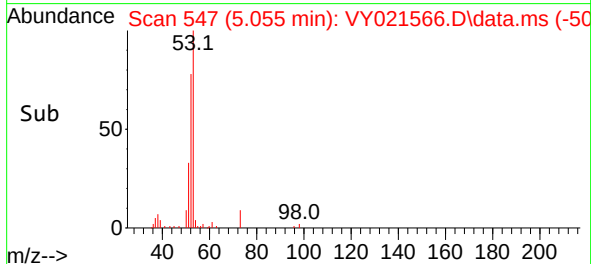
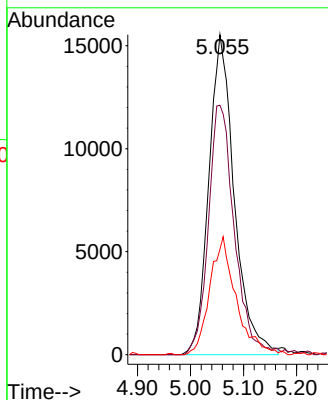
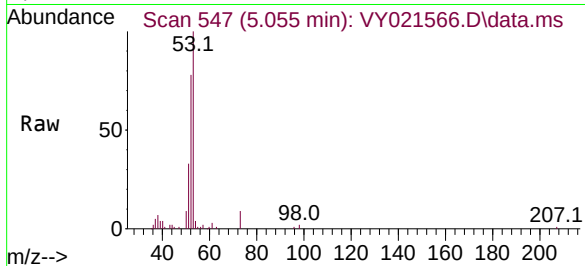




#15
Acrylonitrile
Concen: 116.456 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

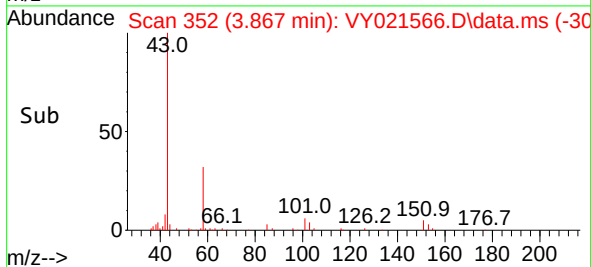
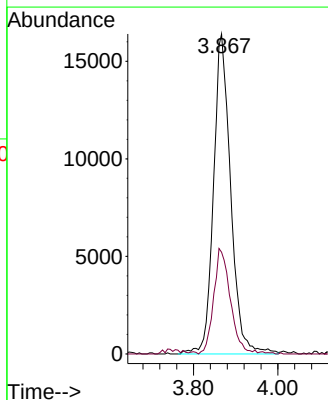
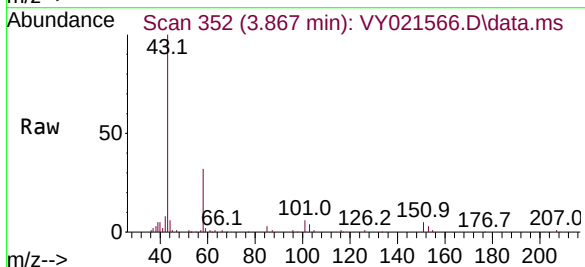
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

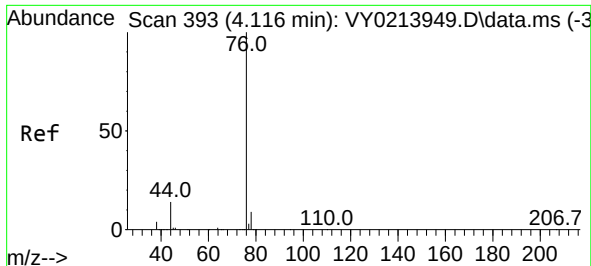
Tgt Ion: 53	Resp: 51847
Ion Ratio	Lower Upper
53 100	
52 80.1	66.3 99.5
51 38.1	30.3 45.5



#16
Acetone
Concen: 105.011 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 43	Resp: 46294
Ion Ratio	Lower Upper
43 100	
58 31.8	22.1 33.1

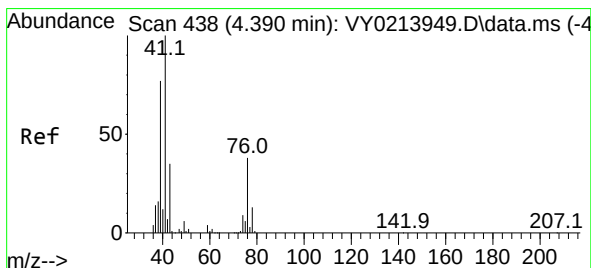
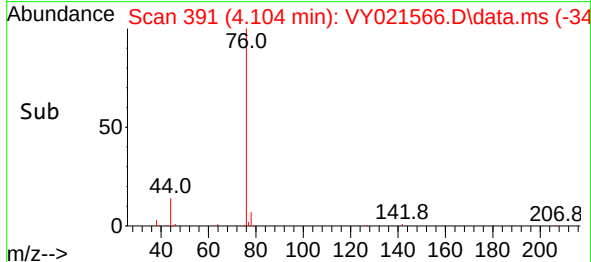
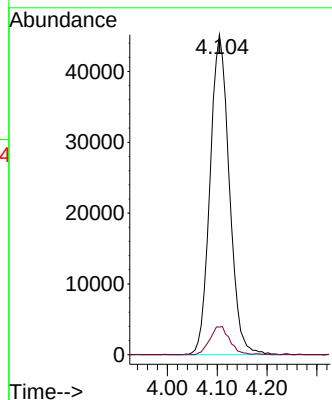
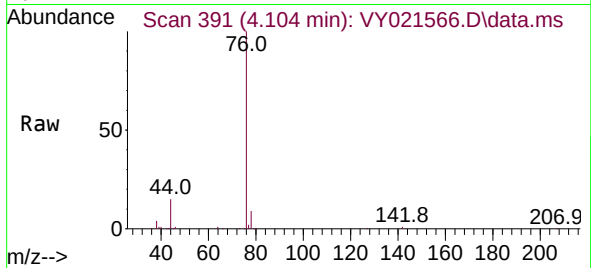




#17
Carbon Disulfide
Concen: 19.710 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

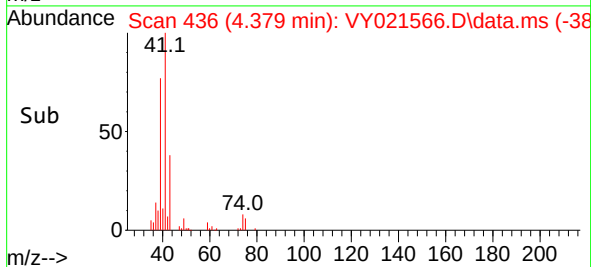
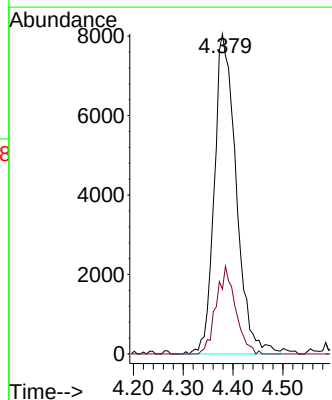
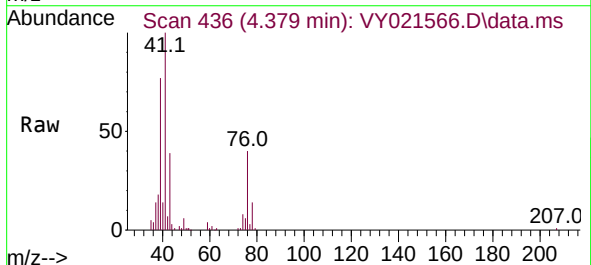
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

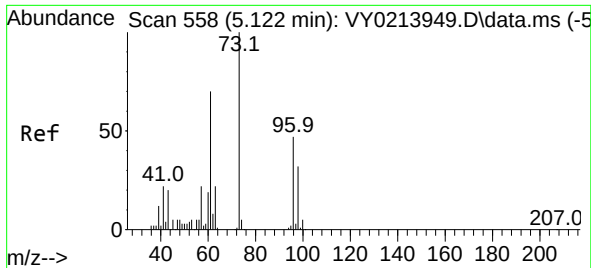
Tgt Ion: 76 Resp: 121343
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 25.065 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 43 Resp: 24518
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0

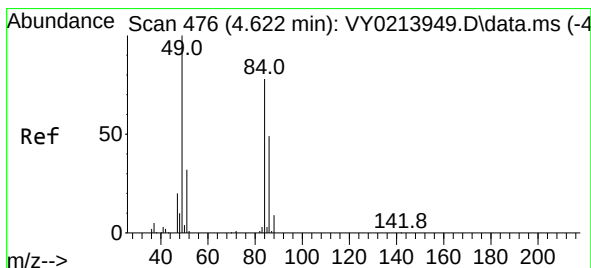
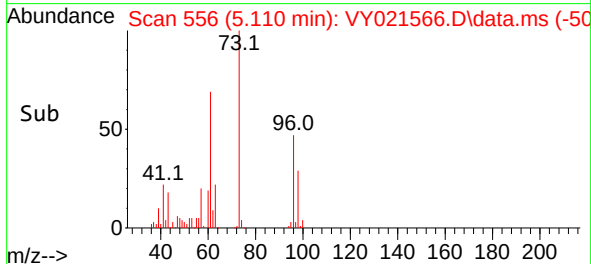
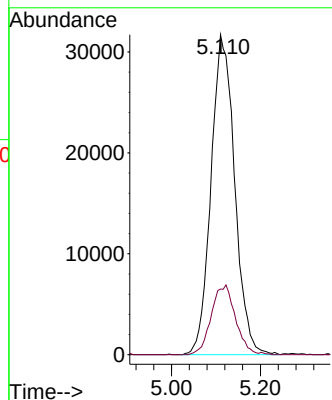
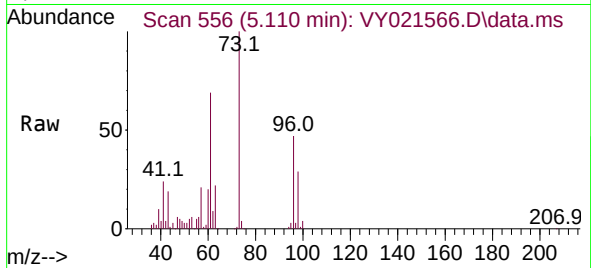




#19
Methyl tert-butyl Ether
Concen: 23.498 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

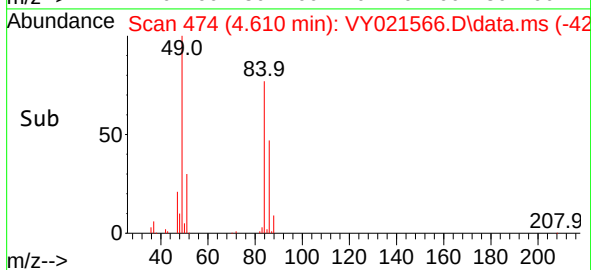
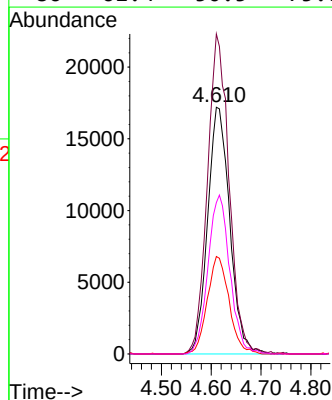
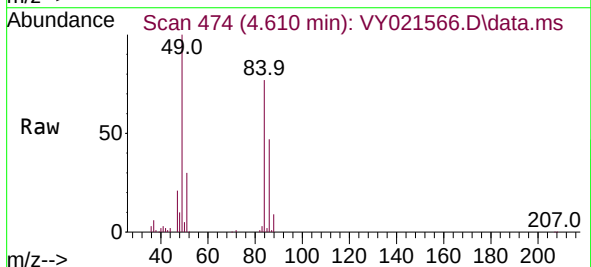
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

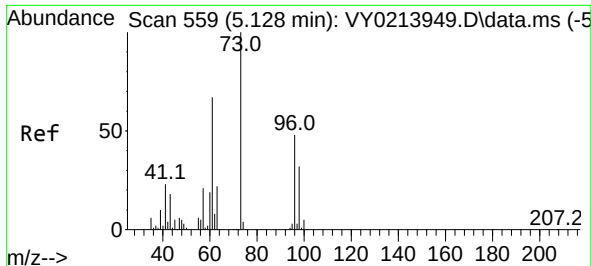
Tgt Ion: 73 Resp: 116997
Ion Ratio Lower Upper
73 100
57 20.5 17.9 26.9



#20
Methylene Chloride
Concen: 22.950 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 84 Resp: 53108
Ion Ratio Lower Upper
84 100
49 129.7 102.0 153.0
51 39.5 33.0 49.6
86 61.4 50.5 75.7

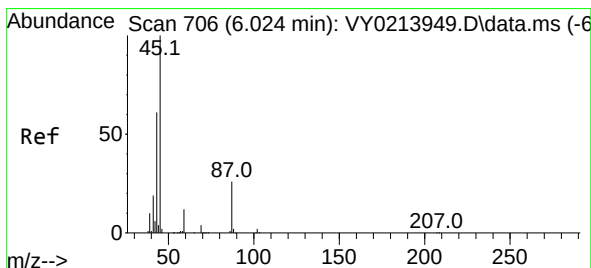
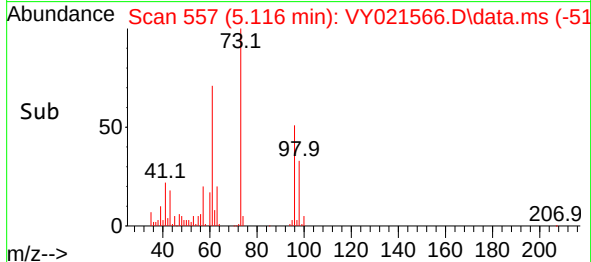
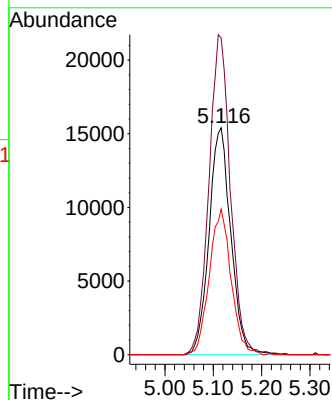
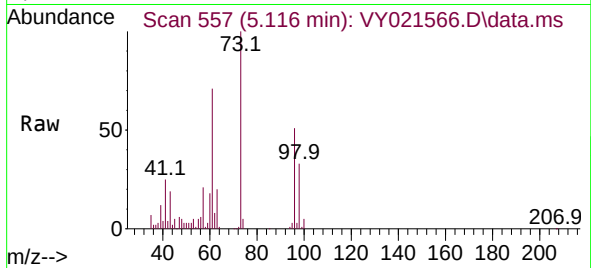




#21
trans-1,2-Dichloroethene
Concen: 21.907 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

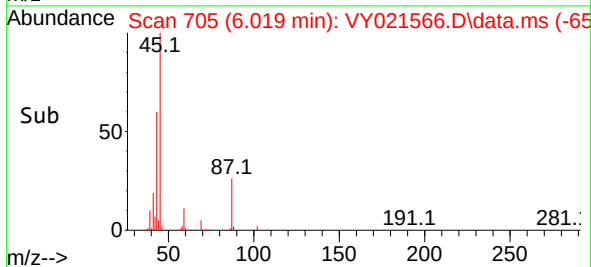
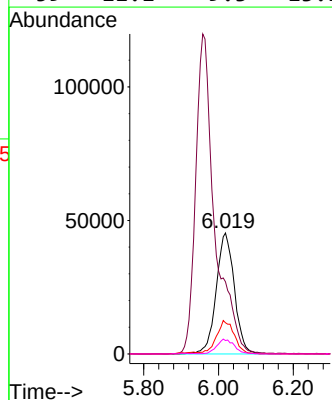
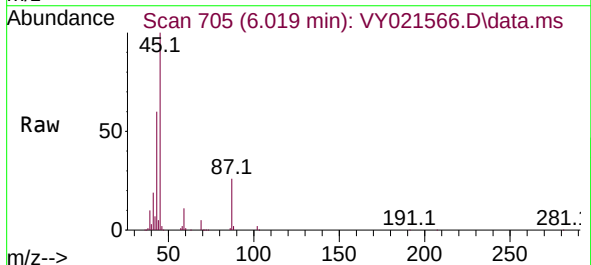
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

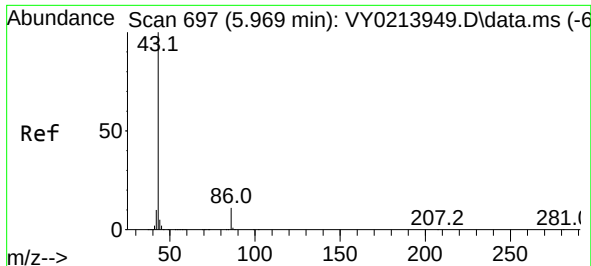
Tgt Ion: 96 Resp: 48194
Ion Ratio Lower Upper
96 100
61 139.7 111.5 167.3
98 64.2 53.8 80.8



#22
Diisopropyl ether
Concen: 22.373 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 45 Resp: 153063
Ion Ratio Lower Upper
45 100
43 59.0 48.7 73.1
87 25.8 21.5 32.3
59 11.1 9.3 13.9

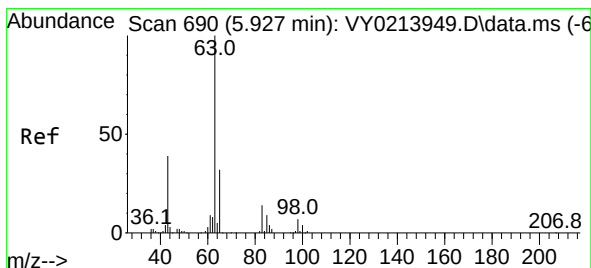
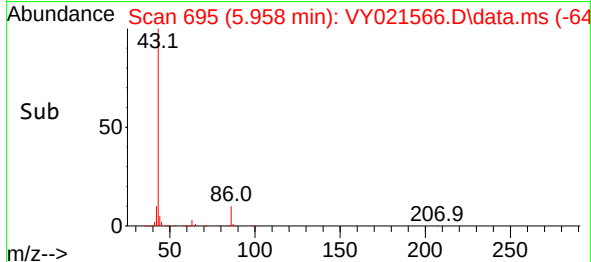
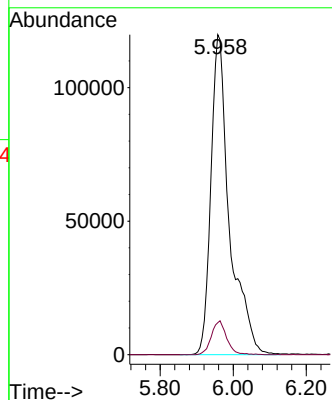
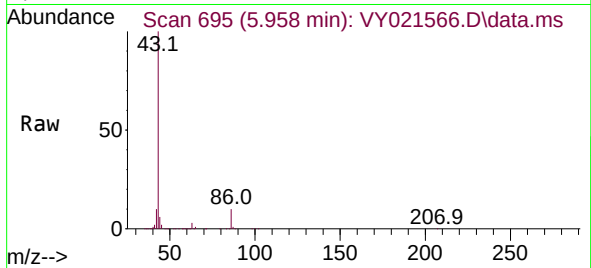




#23
 Vinyl Acetate
 Concen: 108.118 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

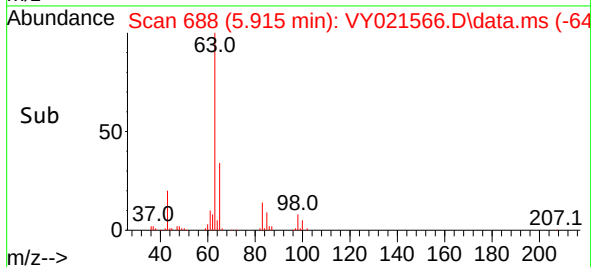
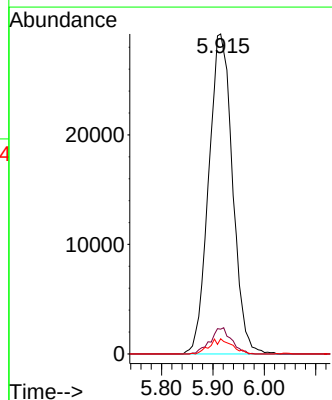
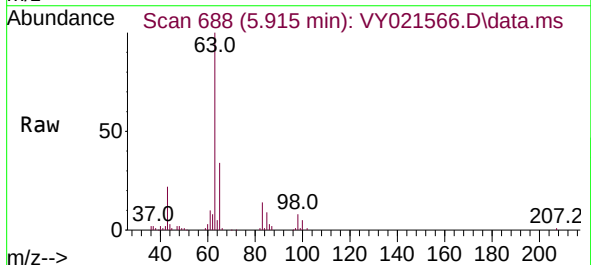
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

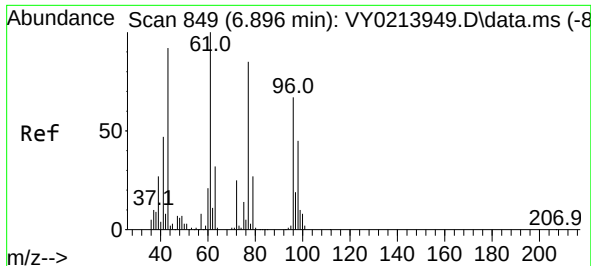
Tgt Ion: 43 Resp: 422145
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 23.296 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion: 63 Resp: 94064
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 110.964 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

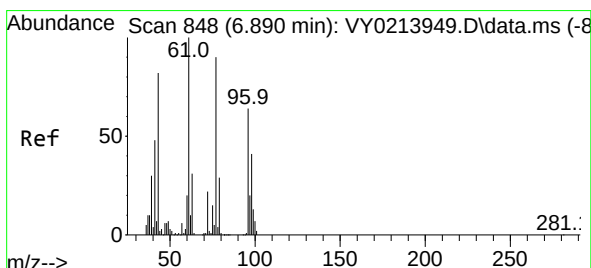
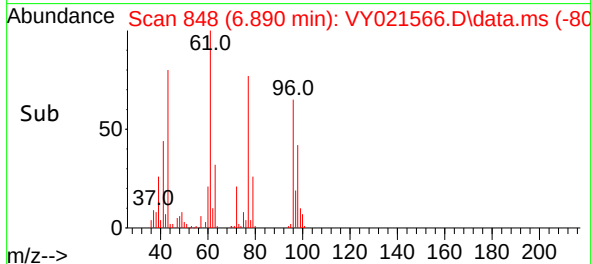
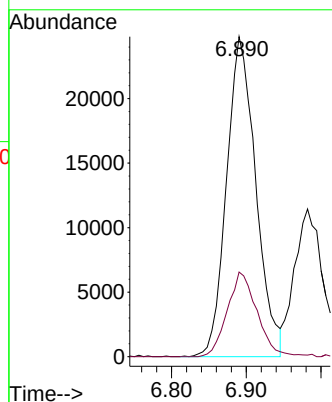
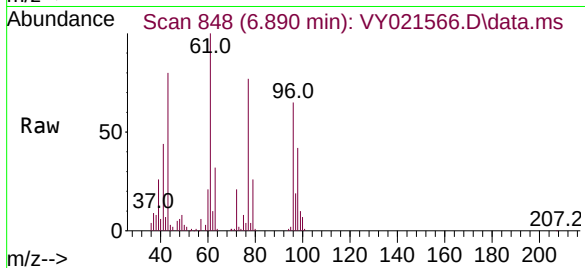
VY0319SBS01

Tgt Ion: 43 Resp: 67669

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.974 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021566.D

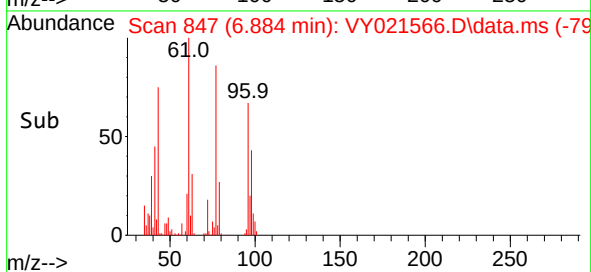
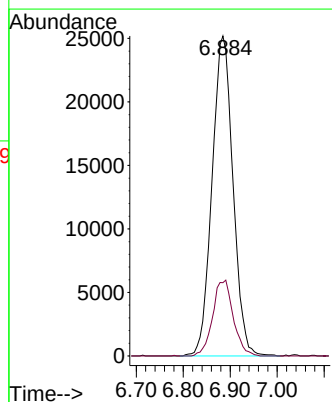
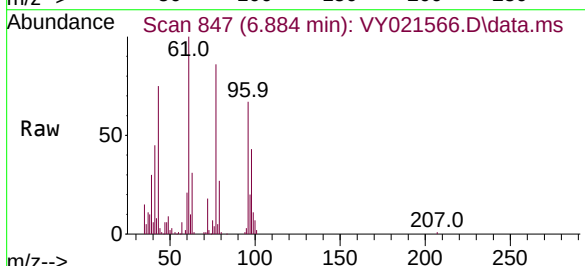
Acq: 19 Mar 2025 13:20

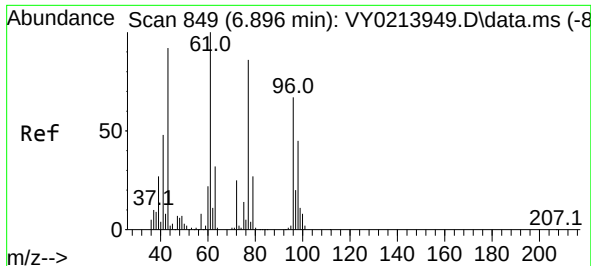
Tgt Ion: 77 Resp: 77923

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8

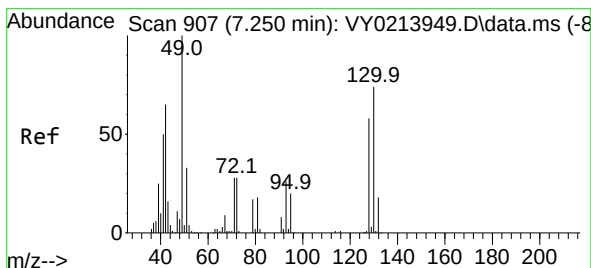
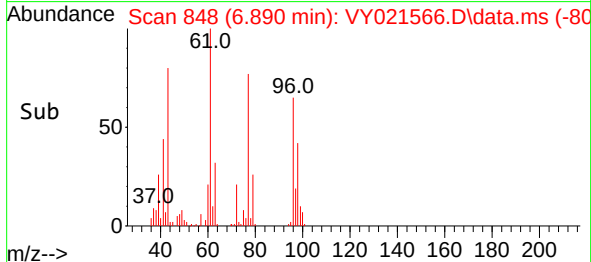
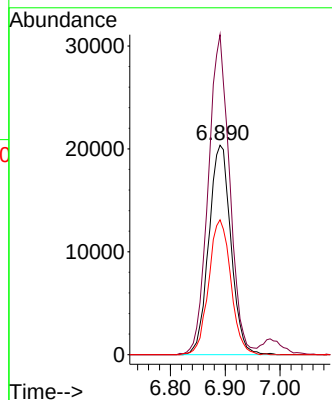
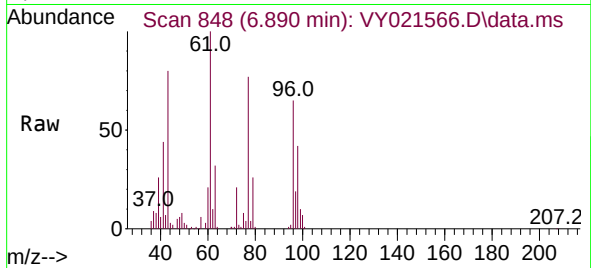




#27
 cis-1,2-Dichloroethene
 Concen: 22.783 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

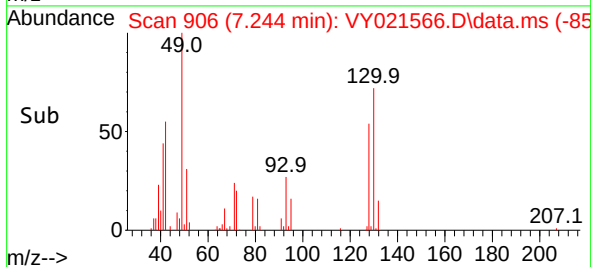
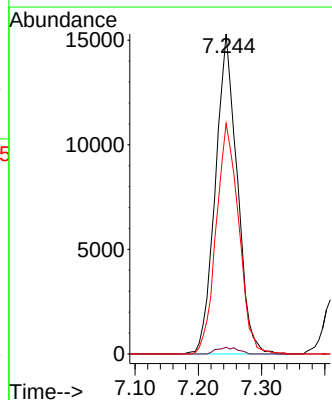
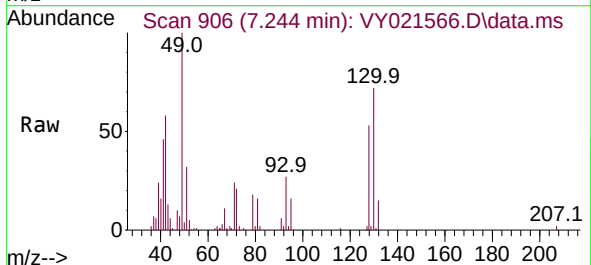
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

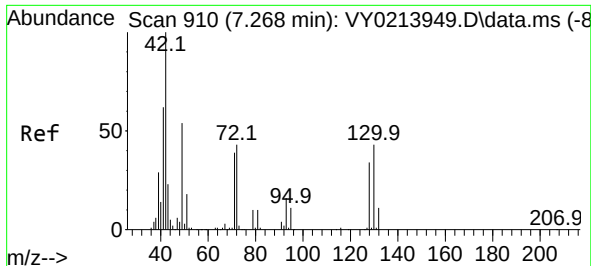
Tgt Ion: 96 Resp: 56939
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 300.8
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.585 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion: 49 Resp: 36539
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.6 59.6 89.4

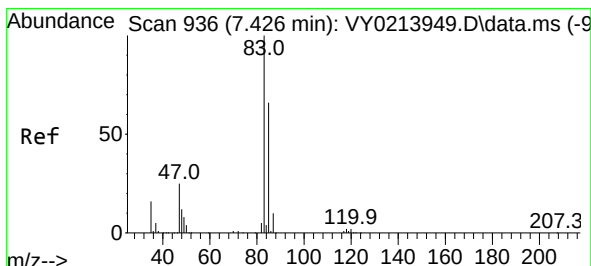
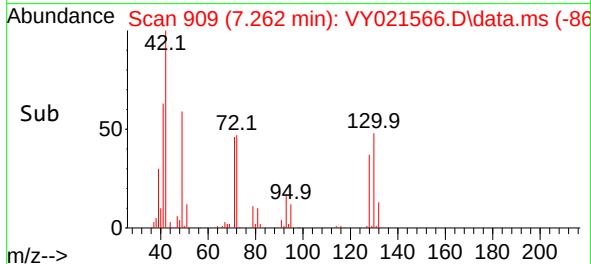
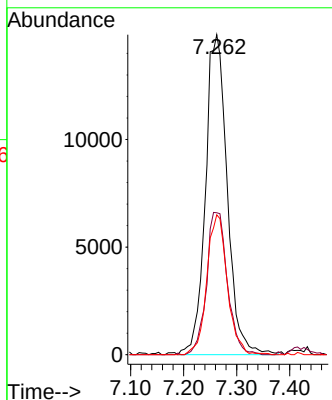
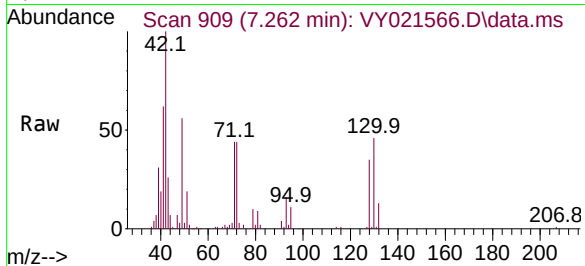




#29
Tetrahydrofuran
Concen: 112.742 ug/l
RT: 7.262 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

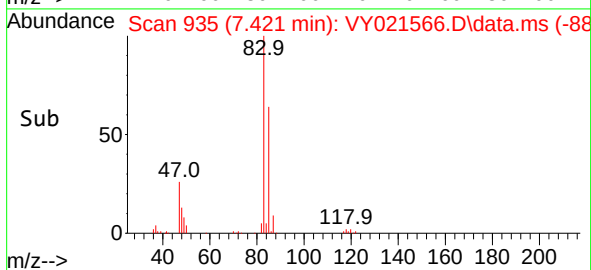
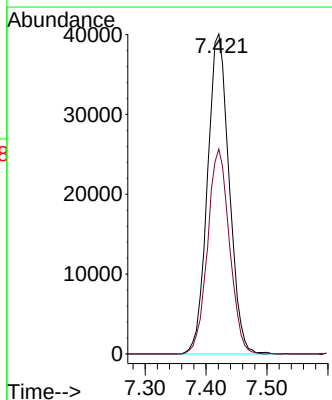
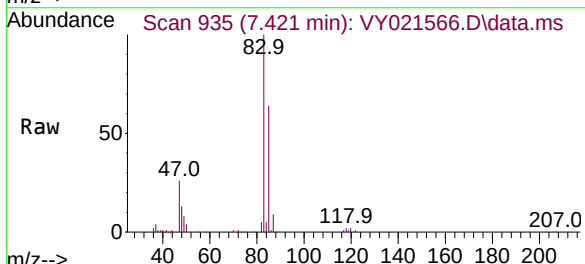
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

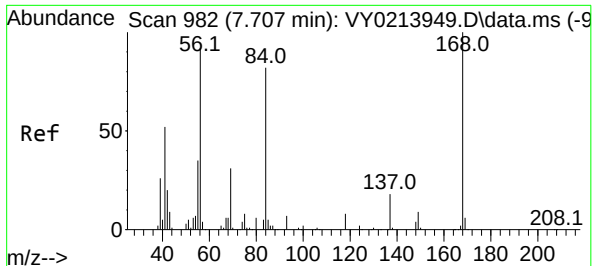
Tgt Ion: 42 Resp: 42445
Ion Ratio Lower Upper
42 100
72 42.6 34.8 52.2
71 41.0 32.6 48.8



#30
Chloroform
Concen: 23.600 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 83 Resp: 98952
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7

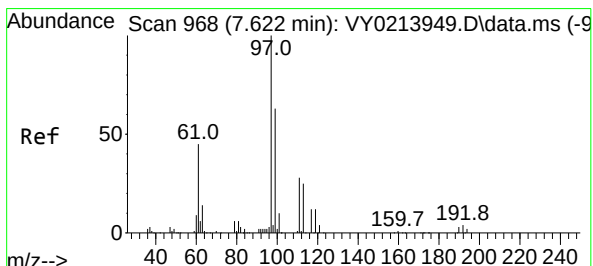
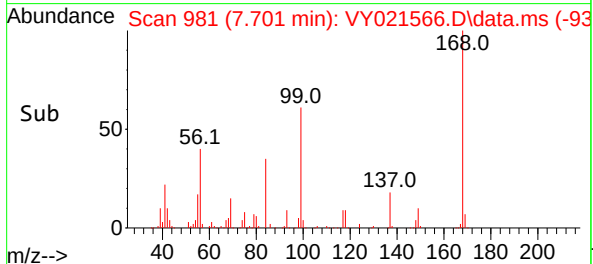
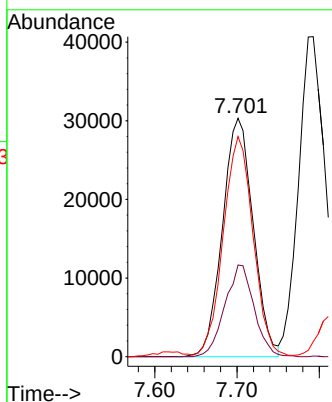
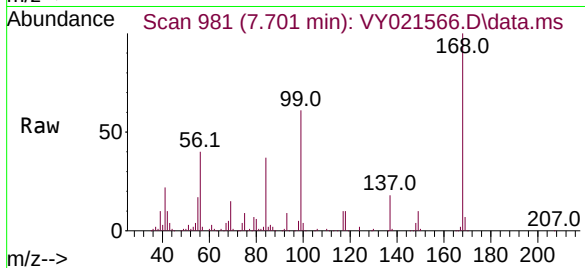




#31
Cyclohexane
Concen: 20.773 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

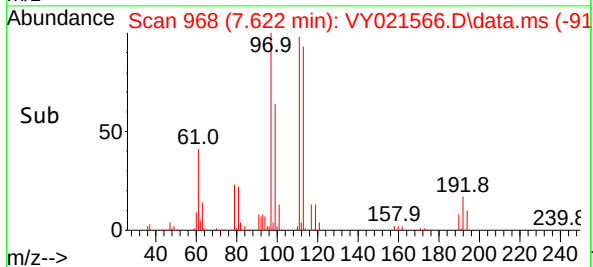
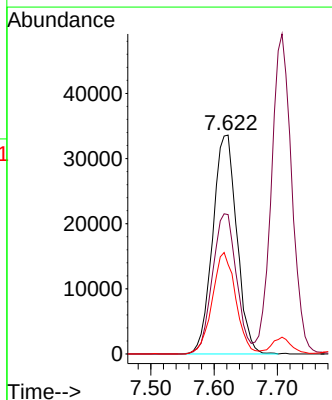
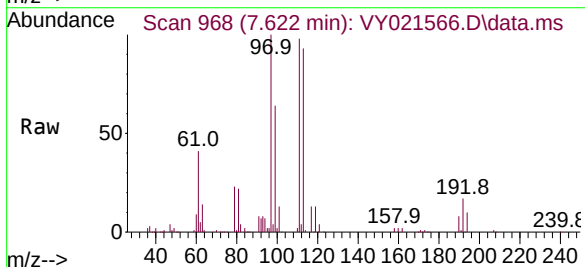
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

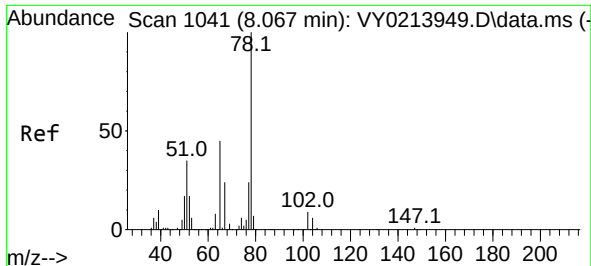
Tgt Ion: 56 Resp: 78636
Ion Ratio Lower Upper
56 100
69 38.5 27.0 40.4
84 90.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 23.114 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 97 Resp: 88739
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 45.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.141 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

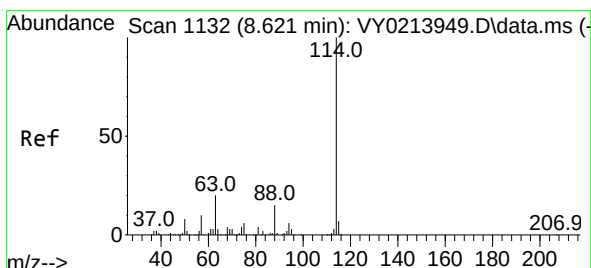
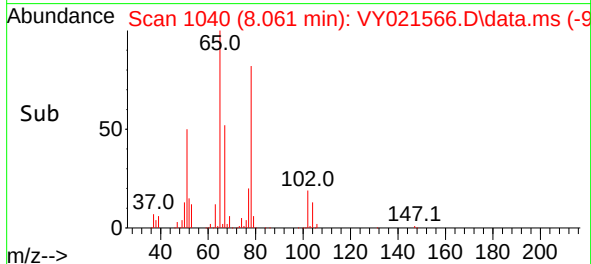
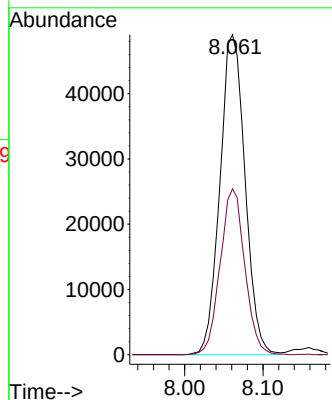
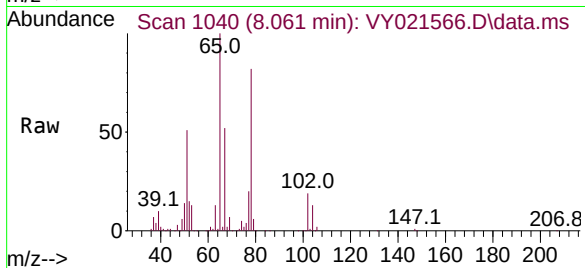
VY0319SBS01

Tgt Ion: 65 Resp: 109431

Ion Ratio Lower Upper

65 100

67 50.7 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: VY021566.D

Acq: 19 Mar 2025 13:20

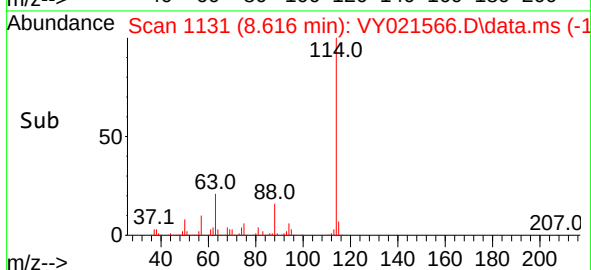
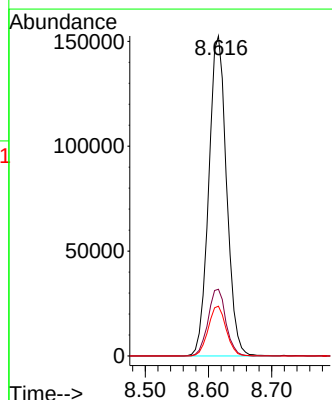
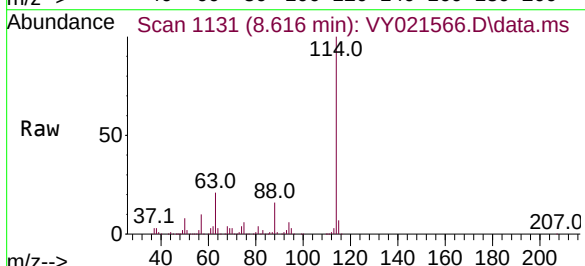
Tgt Ion: 114 Resp: 298429

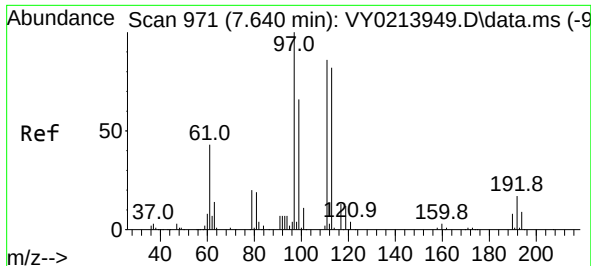
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.181 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

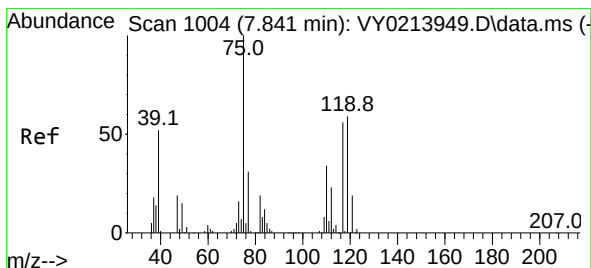
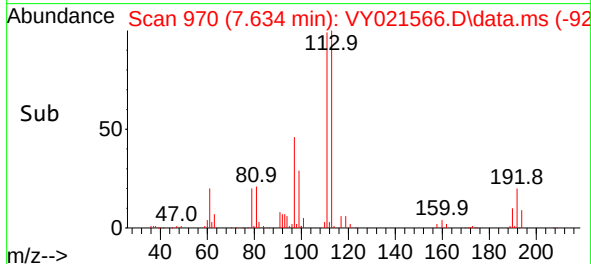
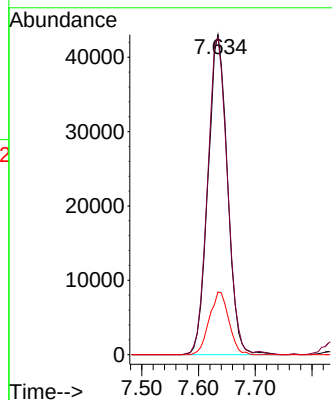
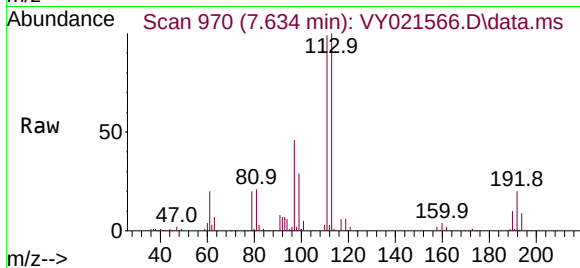
Tgt Ion:113 Resp: 102360

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 19.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 21.043 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

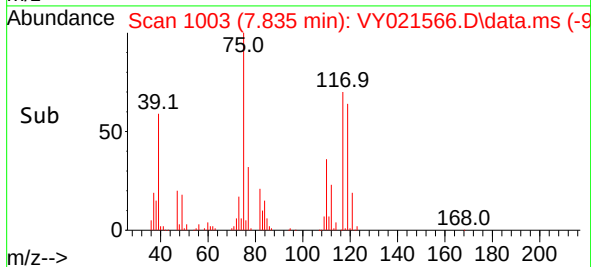
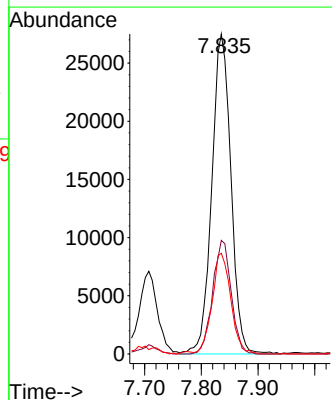
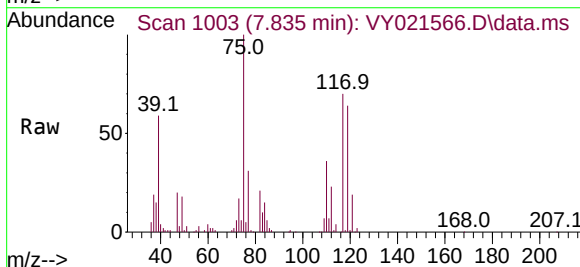
Tgt Ion: 75 Resp: 64613

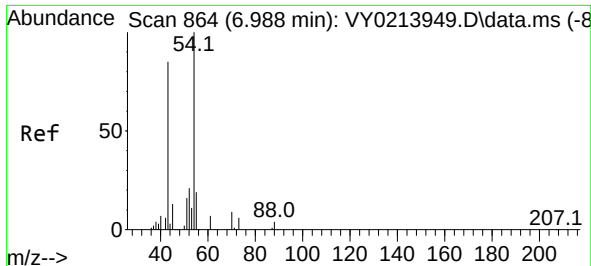
Ion Ratio Lower Upper

75 100

110 34.2 17.3 51.7

77 30.6 25.4 38.2





#37

Ethyl Acetate

Concen: 22.752 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

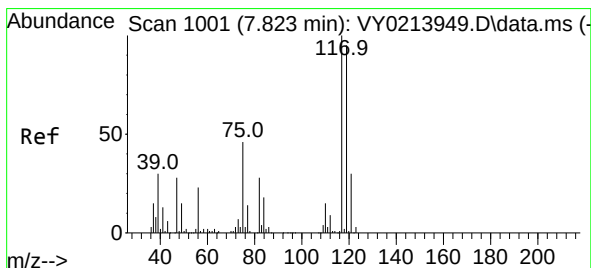
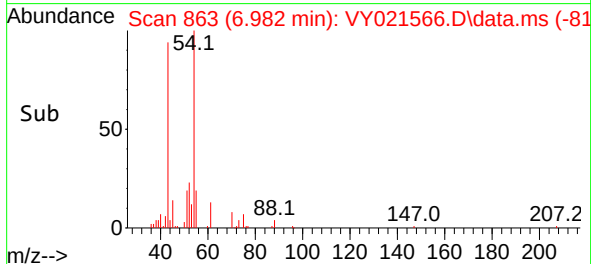
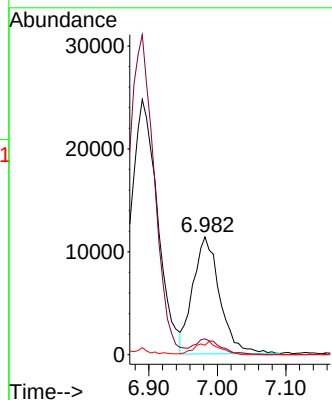
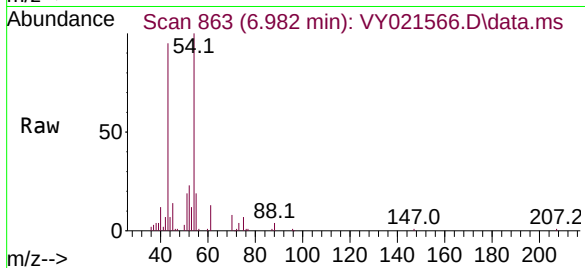
Tgt Ion: 43 Resp: 30878

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 9.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 22.758 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

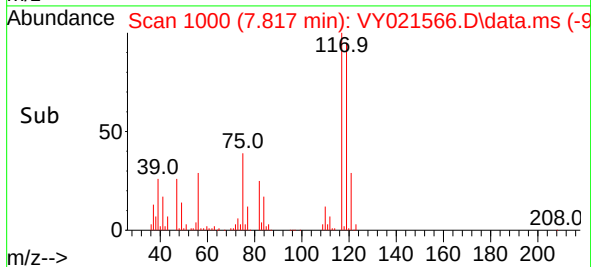
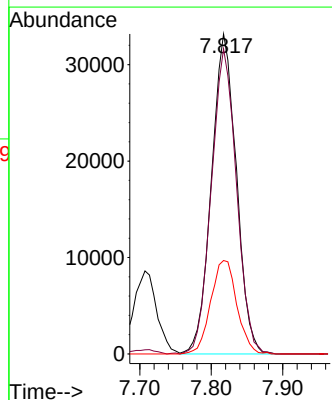
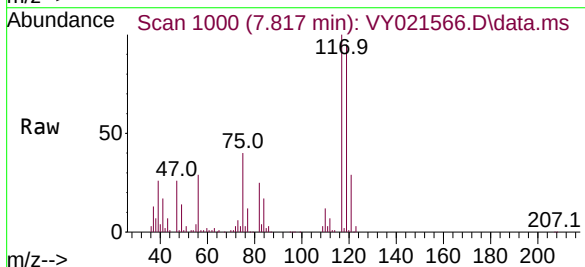
Tgt Ion: 117 Resp: 80368

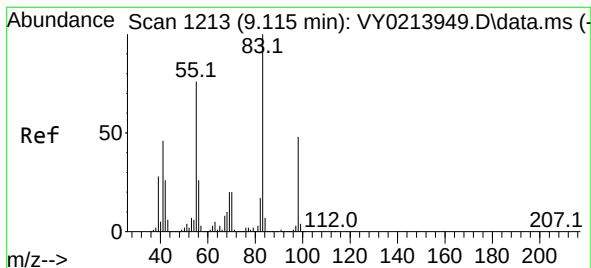
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

121 29.2 23.9 35.9





#39

Methylcyclohexane

Concen: 20.547 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

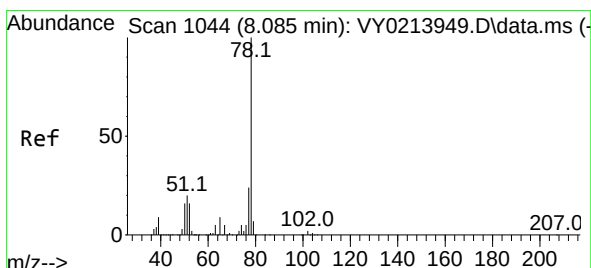
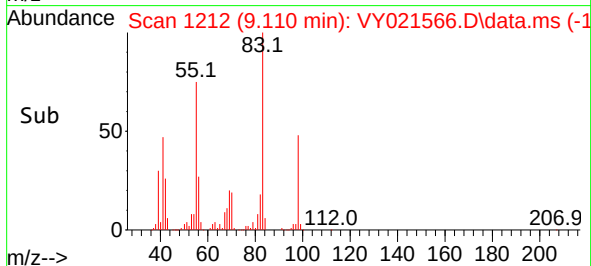
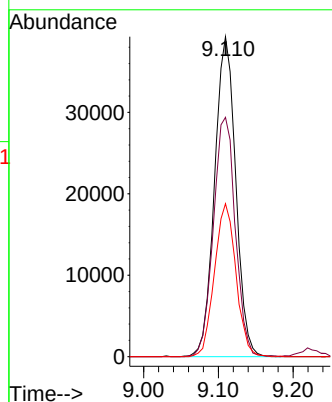
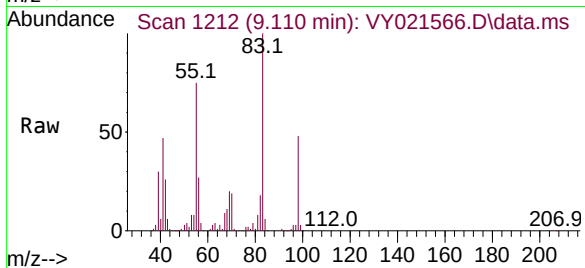
Tgt Ion: 83 Resp: 77386

Ion Ratio Lower Upper

83 100

55 74.8 60.7 91.1

98 47.8 38.6 57.8



#40

Benzene

Concen: 22.535 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021566.D

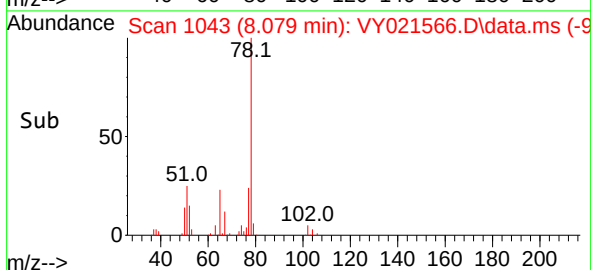
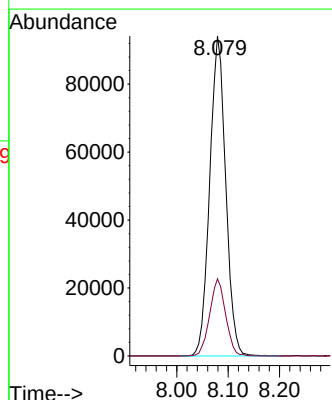
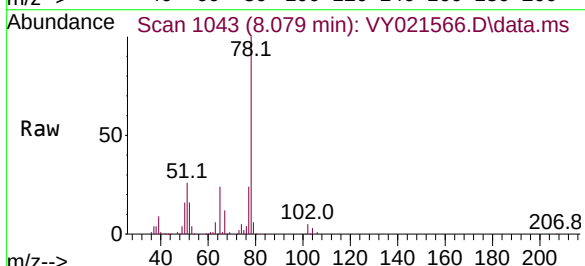
Acq: 19 Mar 2025 13:20

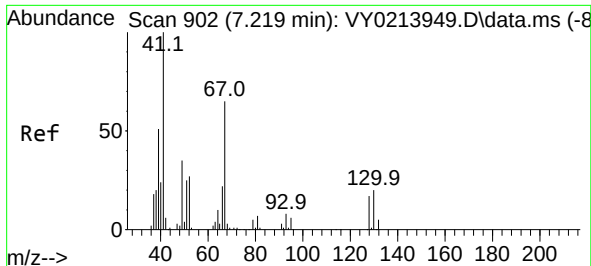
Tgt Ion: 78 Resp: 203837

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

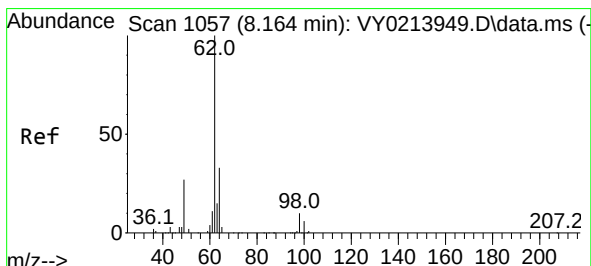
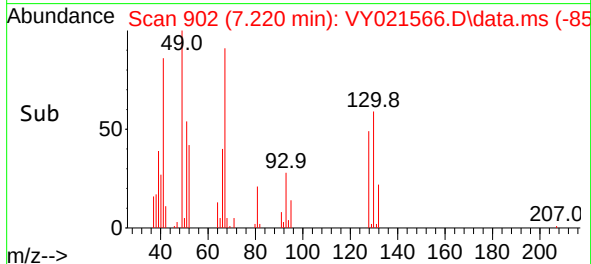
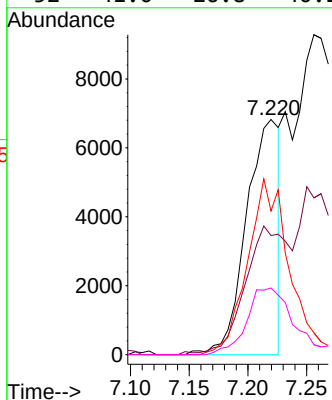
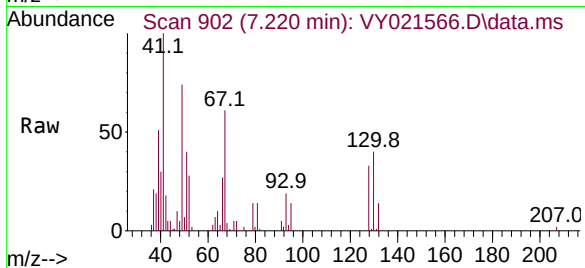




#41
Methacrylonitrile
Concen: 18.123 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

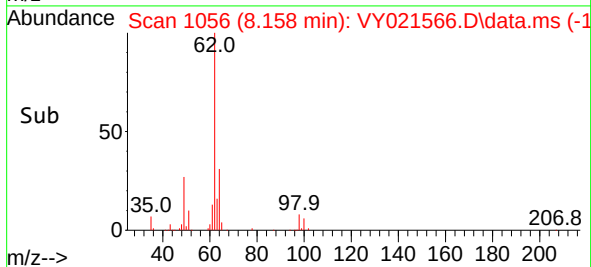
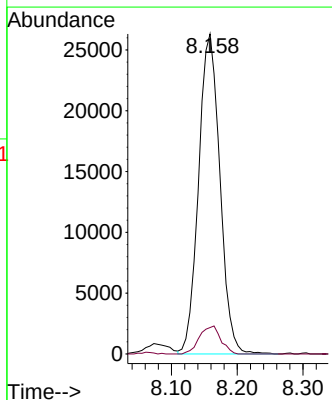
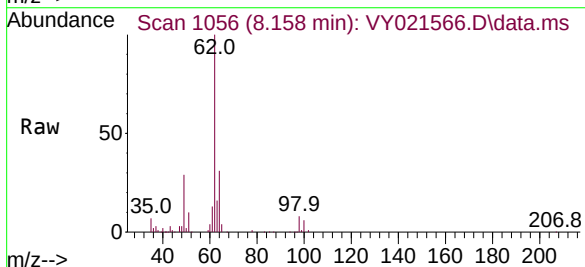
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

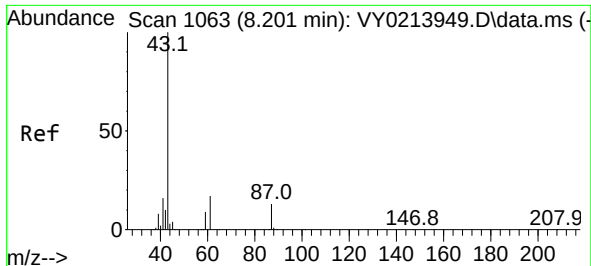
Tgt Ion:	41	Resp:	13392
Ion	Ratio	Lower	Upper
41	100		
39	73.3	35.0	52.6#
67	94.2	61.2	91.8#
52	41.0	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 23.462 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:	62	Resp:	59369
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2

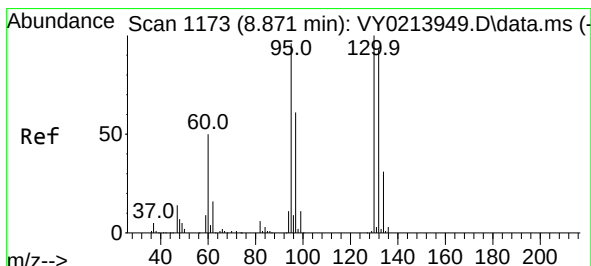
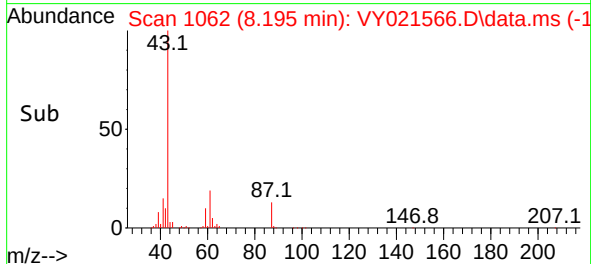
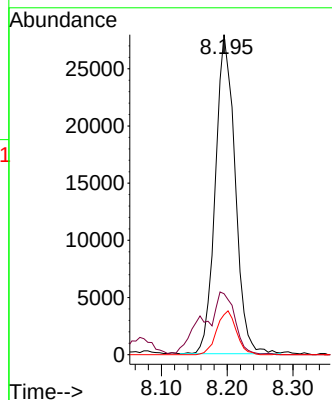
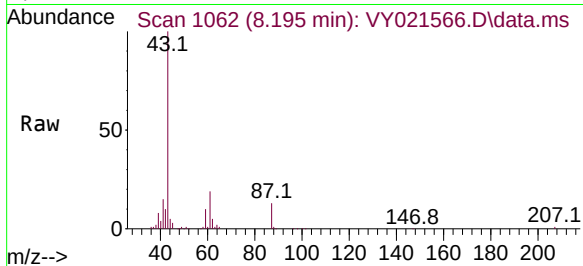




#43
Isopropyl Acetate
Concen: 22.115 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

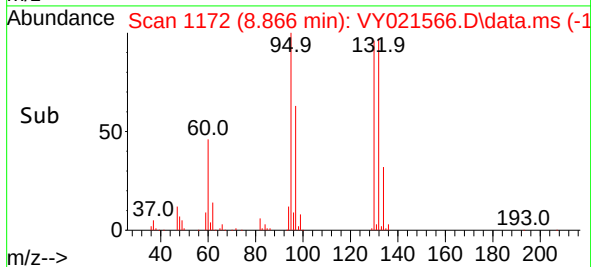
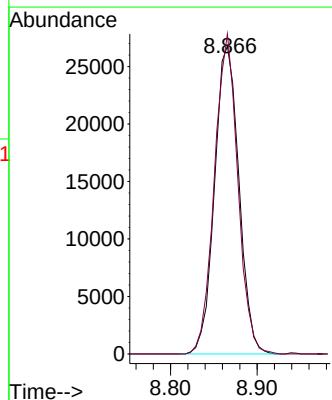
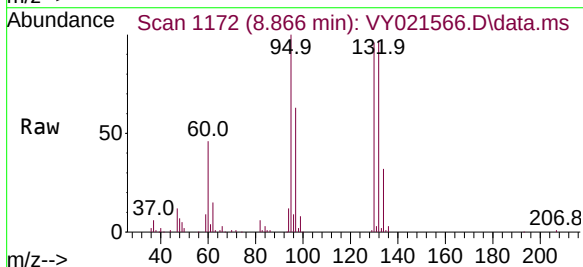
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

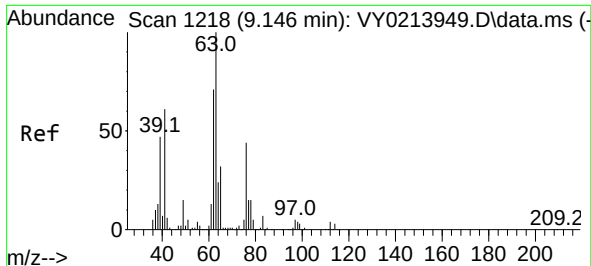
Tgt Ion: 43 Resp: 58262
Ion Ratio Lower Upper
43 100
61 18.9 23.4 35.0#
87 13.6 10.5 15.7



#44
Trichloroethene
Concen: 22.921 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:130 Resp: 52391
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 23.549 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

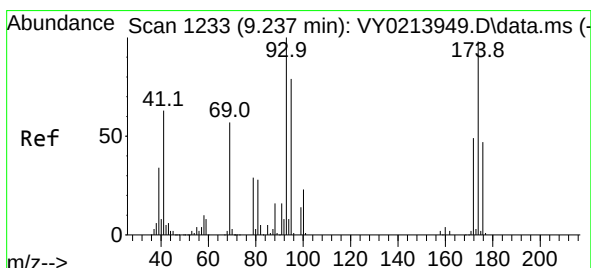
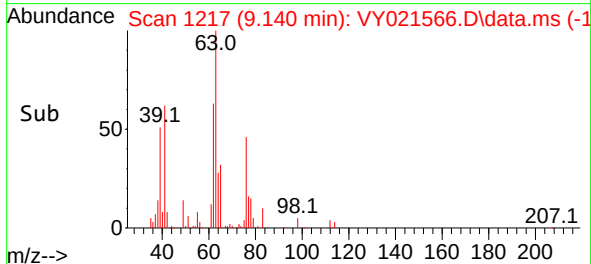
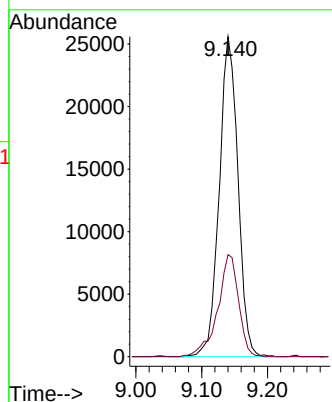
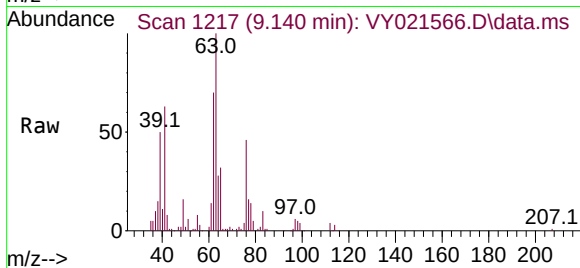
VY0319SBS01

Tgt Ion: 63 Resp: 50695

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0



#46

Dibromomethane

Concen: 22.438 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

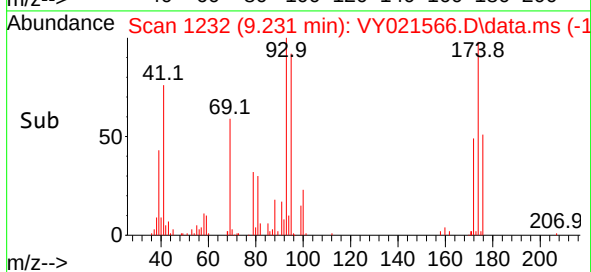
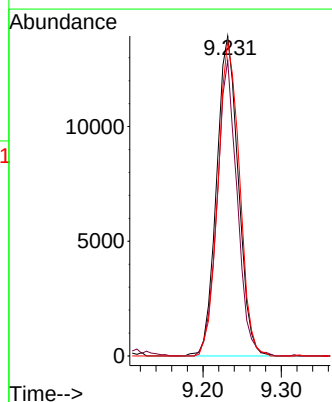
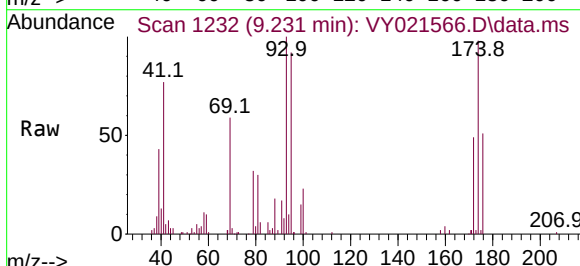
Tgt Ion: 93 Resp: 26876

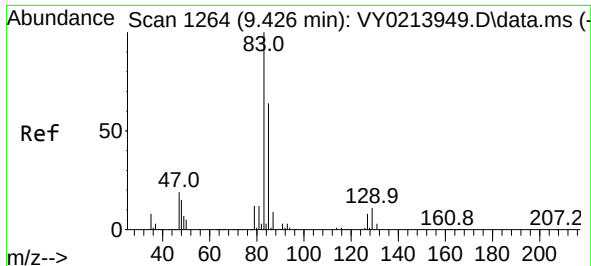
Ion Ratio Lower Upper

93 100

95 84.9 65.8 98.8

174 97.5 77.9 116.9

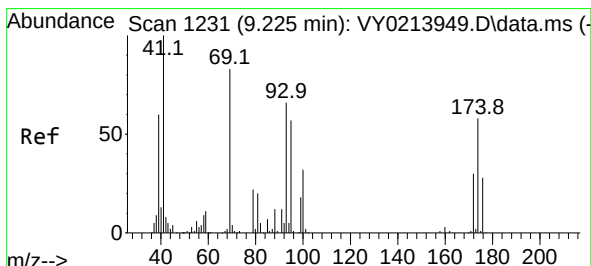
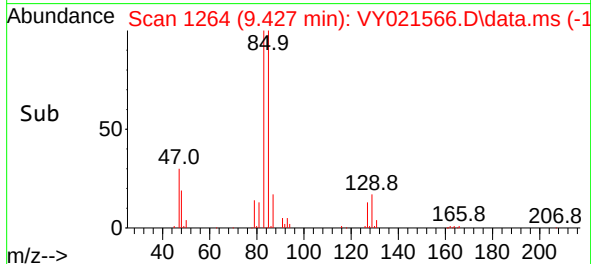
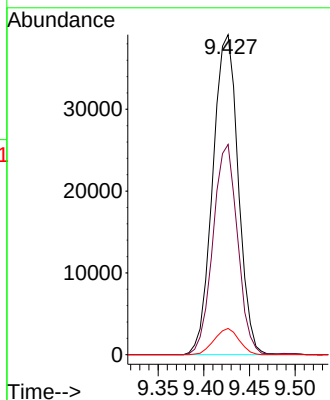
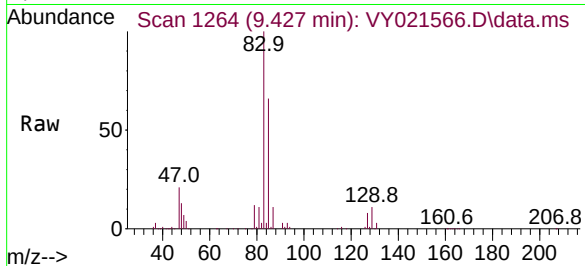




#47
Bromodichloromethane
Concen: 23.806 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

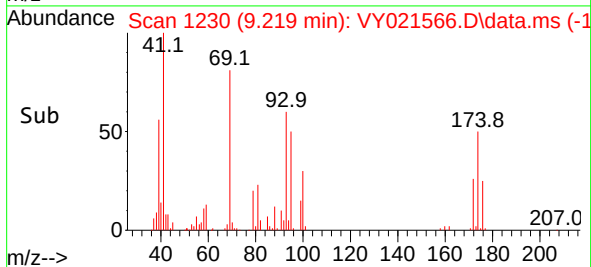
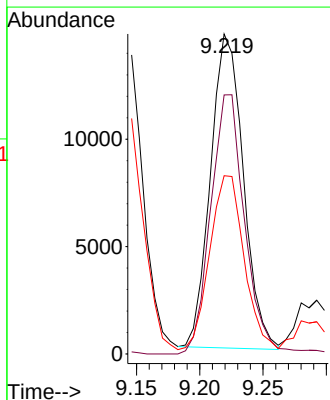
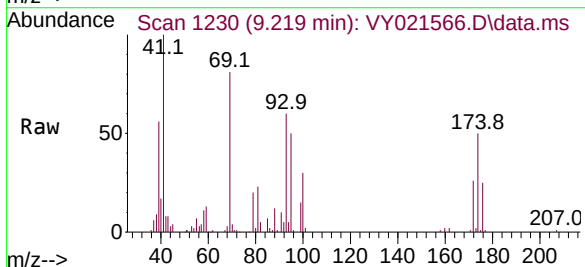
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

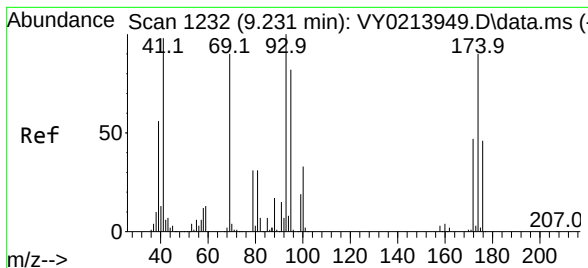
Tgt Ion: 83 Resp: 75726
Ion Ratio Lower Upper
83 100
85 65.7 51.1 76.7
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 21.792 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 41 Resp: 26363
Ion Ratio Lower Upper
41 100
69 86.4 67.8 101.8
39 60.6 46.4 69.6





#49

1,4-Dioxane

Concen: 467.810 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

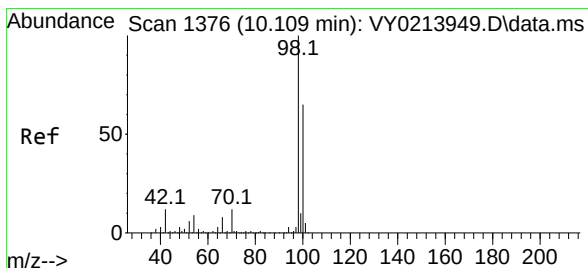
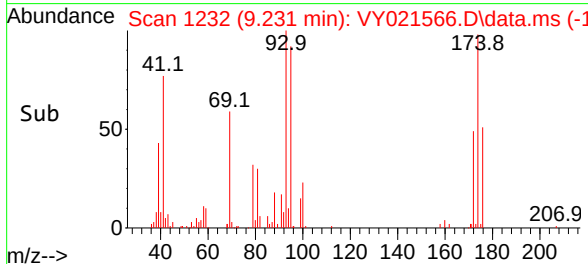
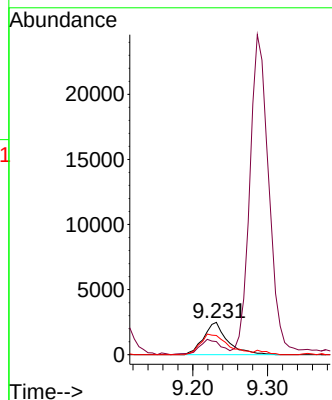
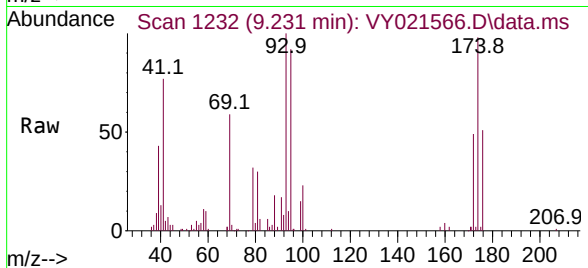
Tgt Ion: 88 Resp: 5500

Ion Ratio Lower Upper

88 100

43 43.3 25.0 37.4#

58 73.2 58.4 87.6



#50

Toluene-d8

Concen: 51.099 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021566.D

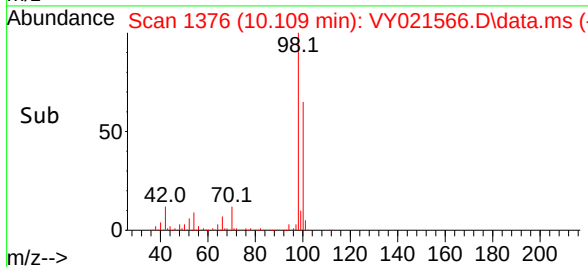
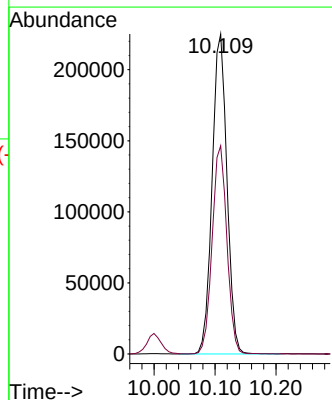
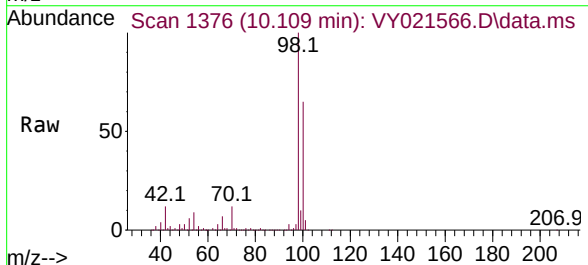
Acq: 19 Mar 2025 13:20

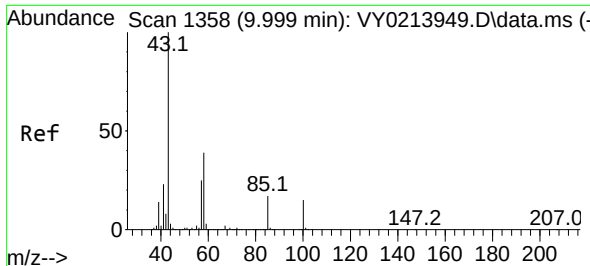
Tgt Ion: 98 Resp: 379531

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

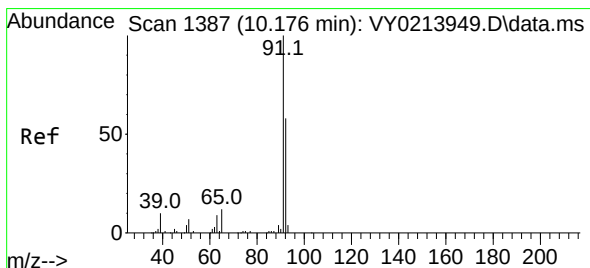
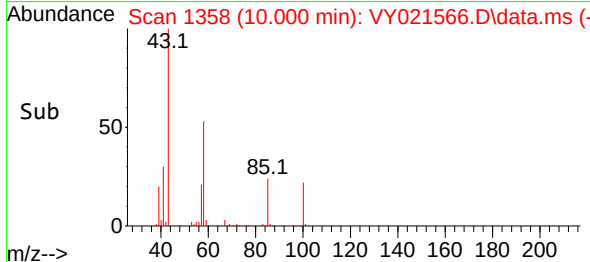
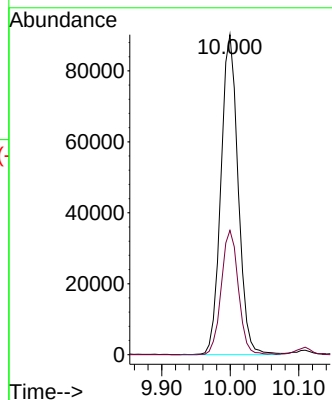
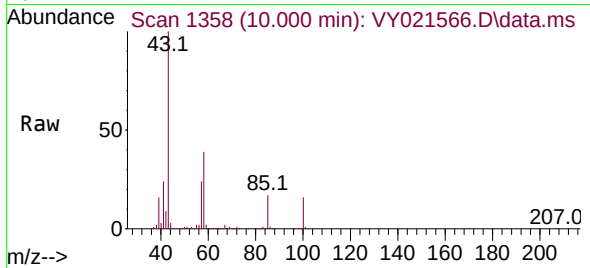




#51
4-Methyl-2-Pentanone
Concen: 115.511 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

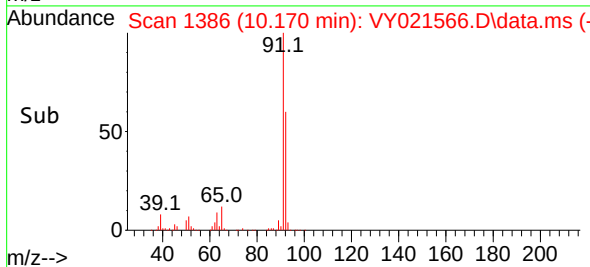
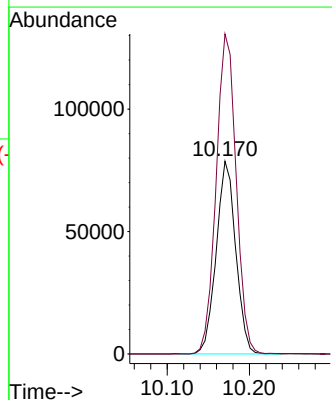
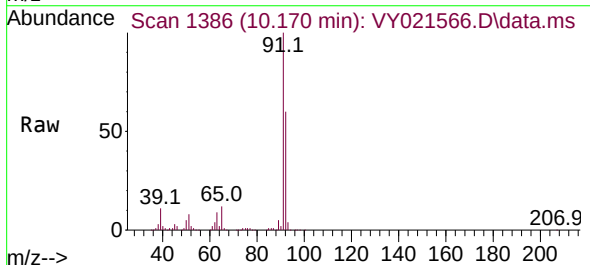
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

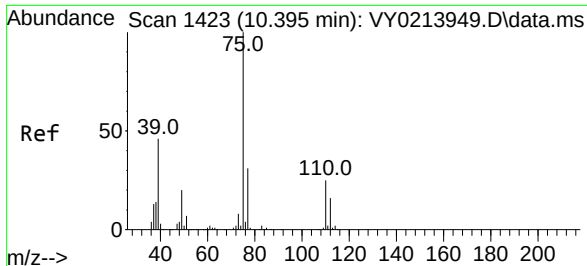
Tgt Ion: 43 Resp: 157019
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 22.776 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 92 Resp: 129881
Ion Ratio Lower Upper
92 100
91 170.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 23.461 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

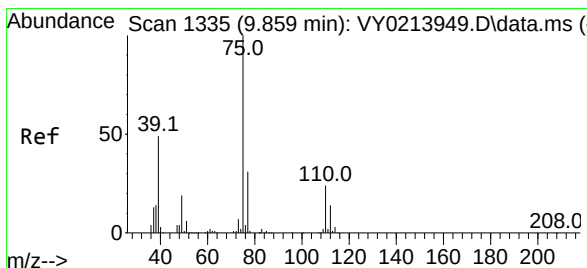
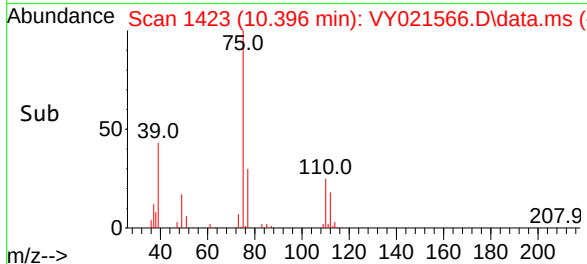
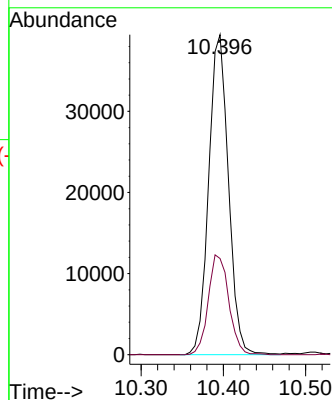
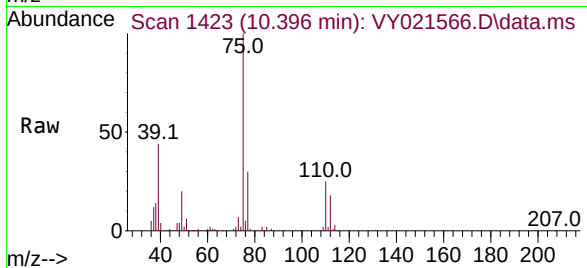
VY0319SBS01

Tgt Ion: 75 Resp: 65750

Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 23.176 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

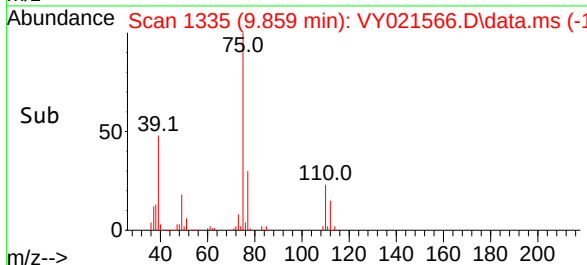
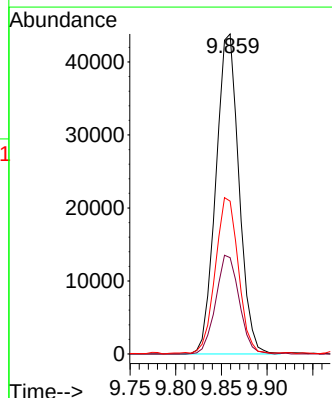
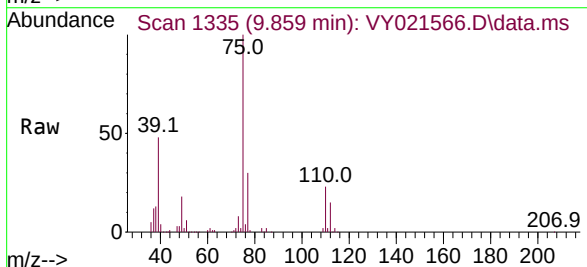
Tgt Ion: 75 Resp: 77116

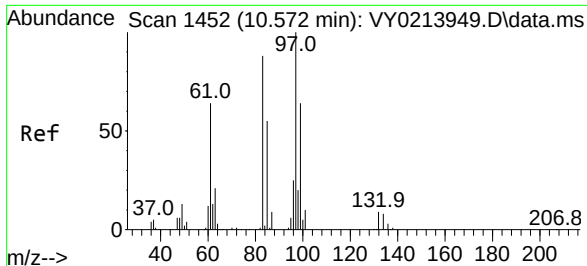
Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0

39 47.4 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 23.824 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 97 Resp: 37329

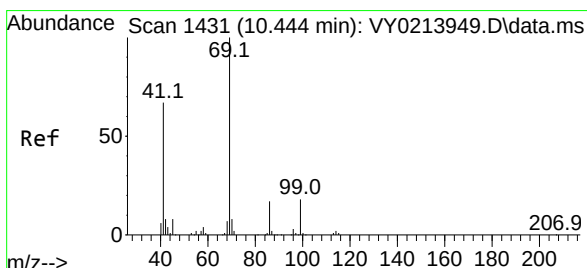
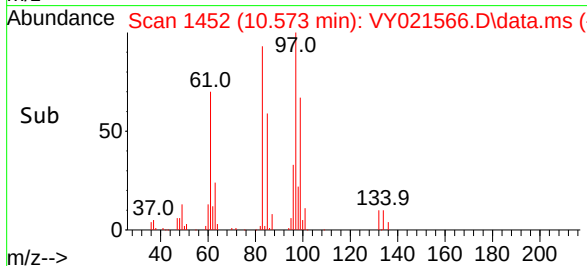
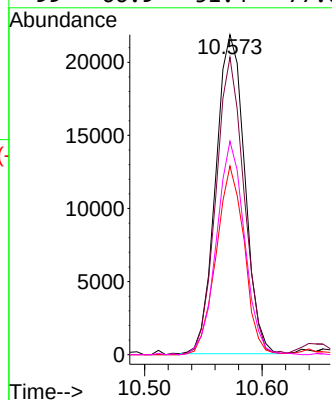
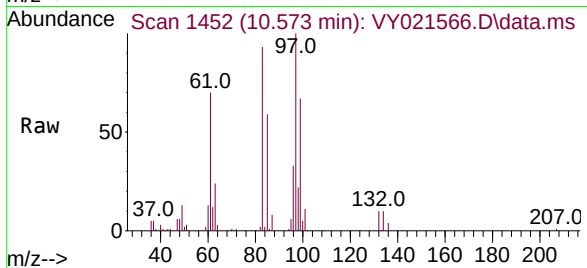
Ion Ratio Lower Upper

97 100

83 93.2 70.0 105.0

85 59.2 44.3 66.5

99 66.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 22.343 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

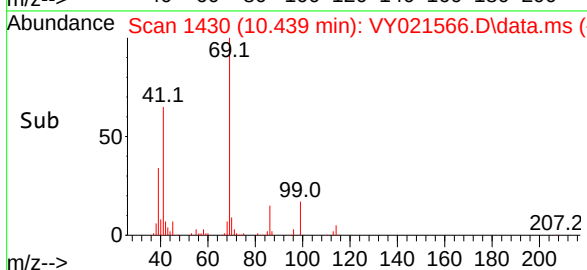
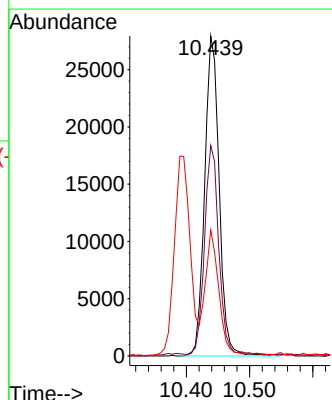
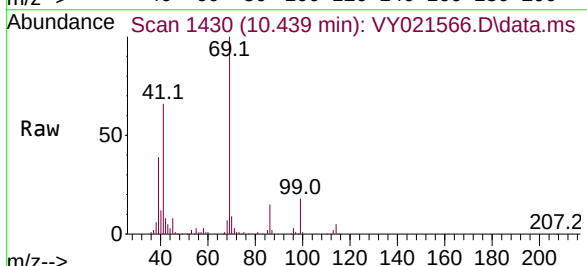
Tgt Ion: 69 Resp: 44647

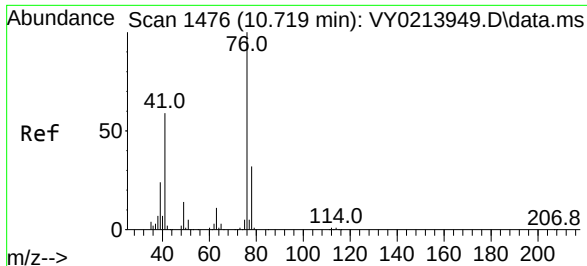
Ion Ratio Lower Upper

69 100

41 64.8 53.3 79.9

39 35.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 23.149 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

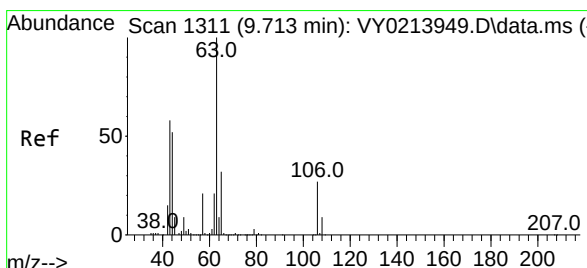
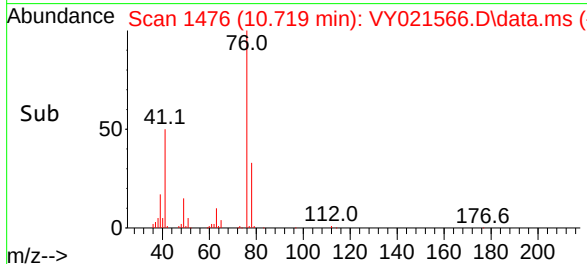
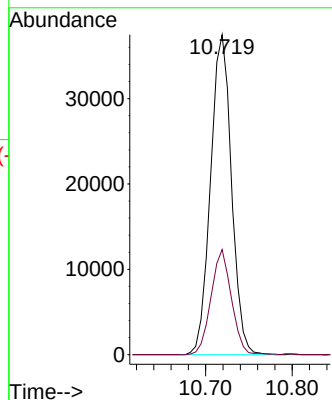
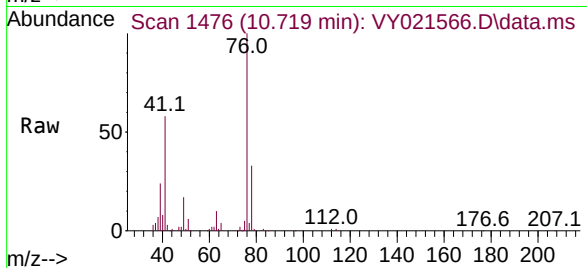
VY0319SBS01

Tgt Ion: 76 Resp: 62865

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 116.971 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021566.D

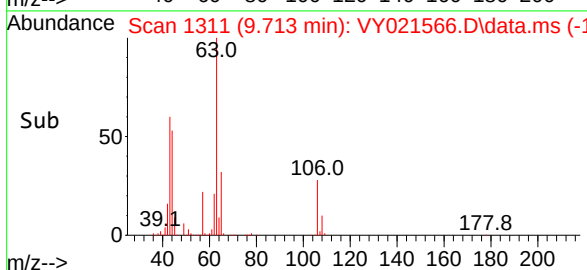
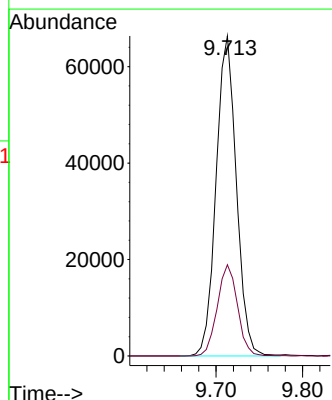
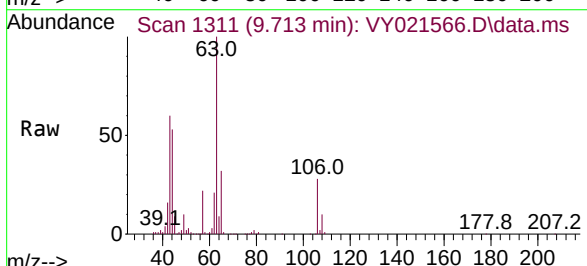
Acq: 19 Mar 2025 13:20

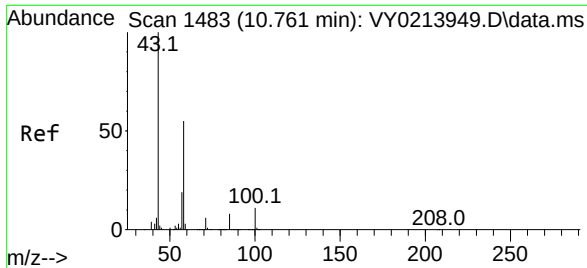
Tgt Ion: 63 Resp: 107901

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





#59

2-Hexanone

Concen: 112.152 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

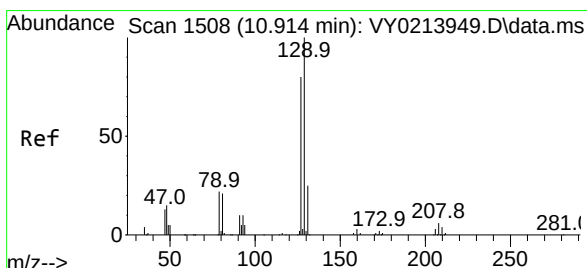
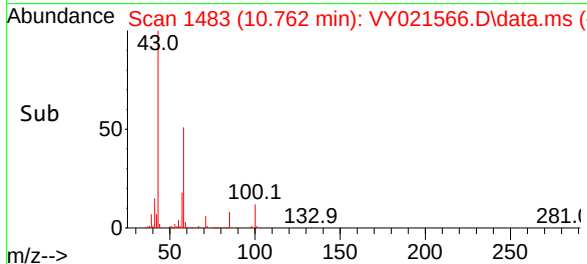
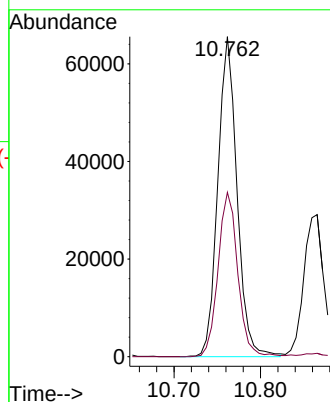
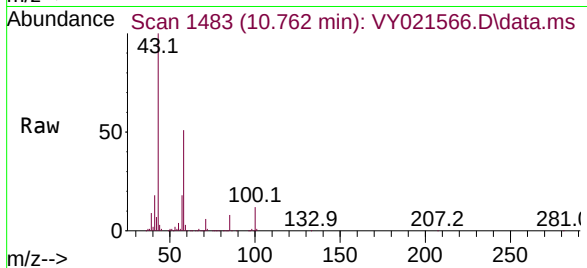
VY0319SBS01

Tgt Ion: 43 Resp: 100806

Ion Ratio Lower Upper

43 100

58 52.9 27.3 81.8



#60

Dibromochloromethane

Concen: 23.557 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021566.D

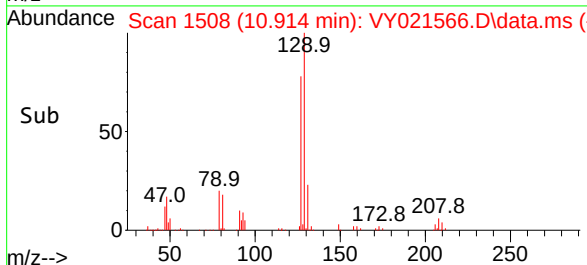
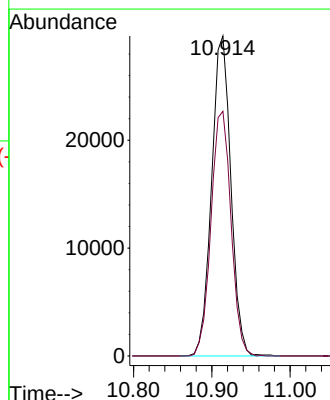
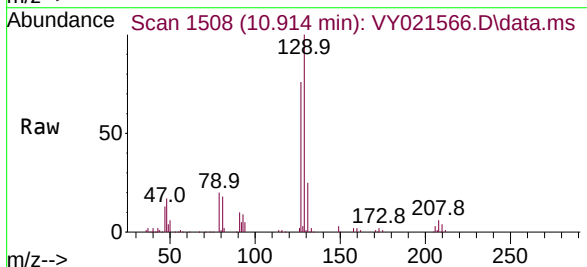
Acq: 19 Mar 2025 13:20

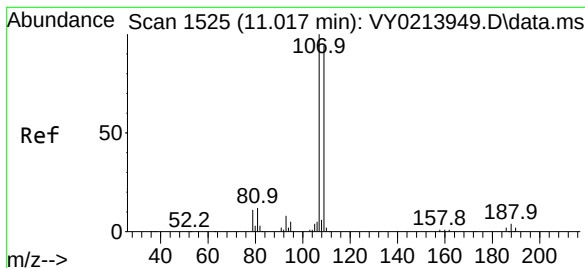
Tgt Ion: 129 Resp: 50602

Ion Ratio Lower Upper

129 100

127 79.4 39.1 117.3

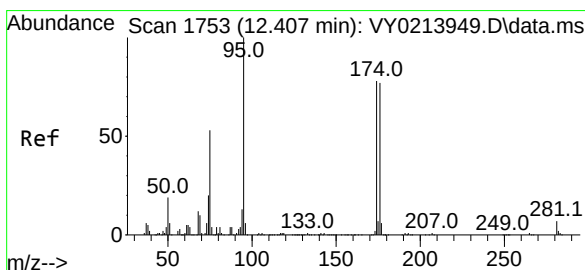
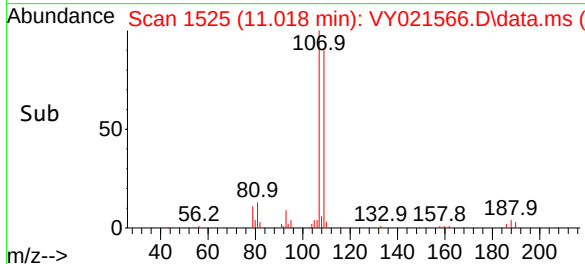
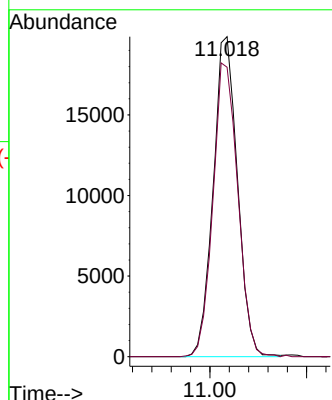
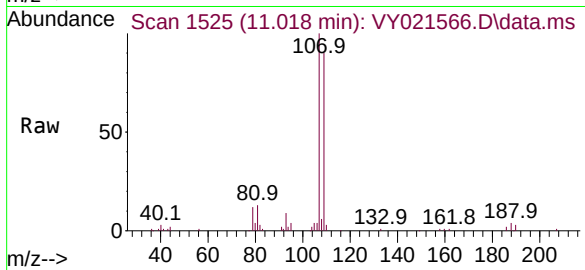




#61
 1,2-Dibromoethane
 Concen: 23.362 ug/l
 RT: 11.018 min Scan# 11018
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

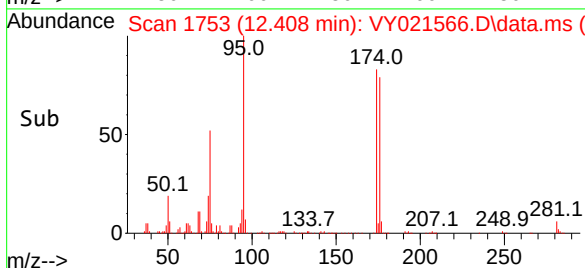
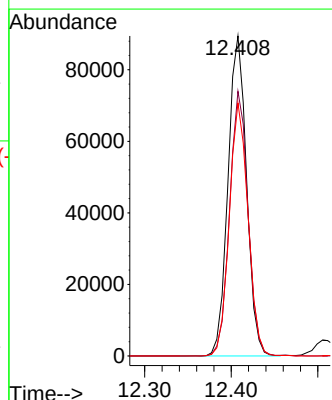
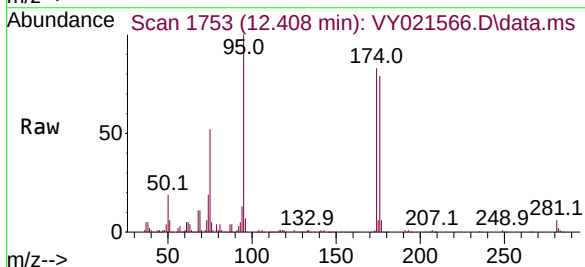
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

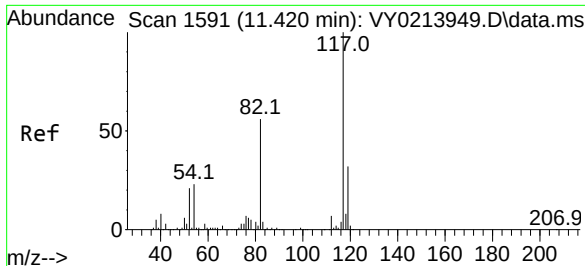
Tgt Ion:107 Resp: 34548
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.657 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion: 95 Resp: 133036
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 165.0
 176 79.6 0.0 160.0

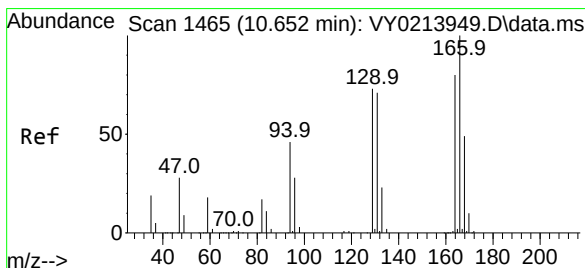
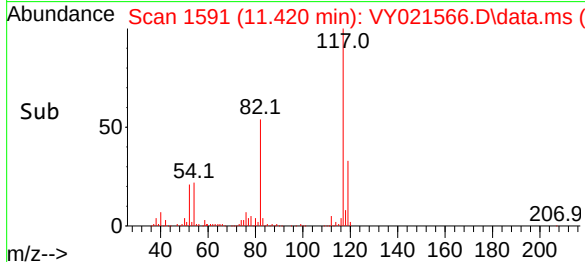
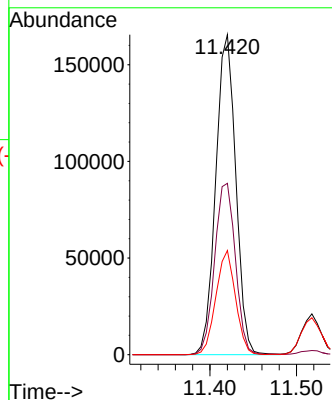
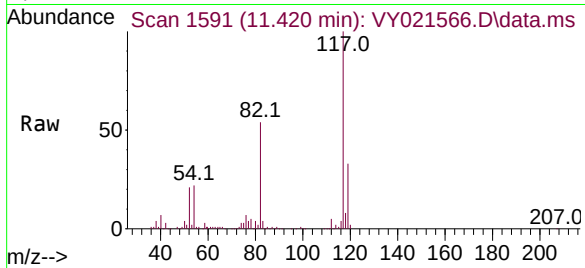




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

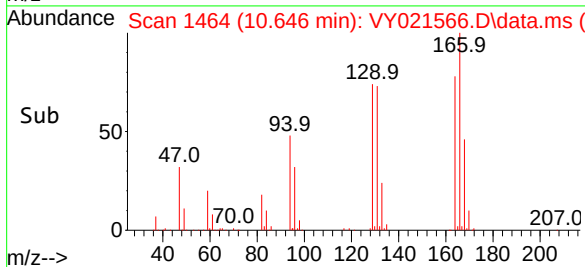
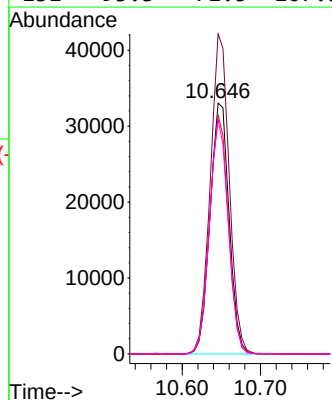
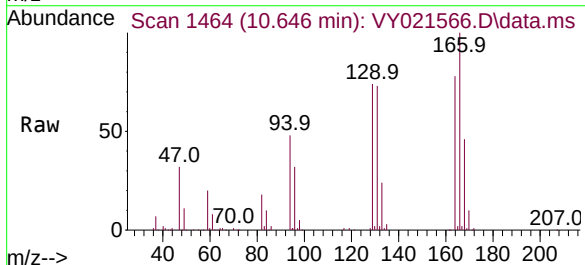
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

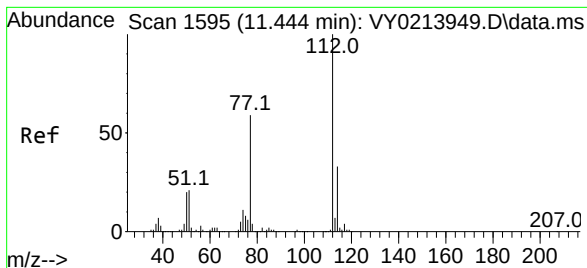
Tgt Ion:117 Resp: 266021
Ion Ratio Lower Upper
117 100
82 53.6 44.6 67.0
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 25.779 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:164 Resp: 55764
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 95.0 73.8 110.8
131 93.3 71.5 107.3

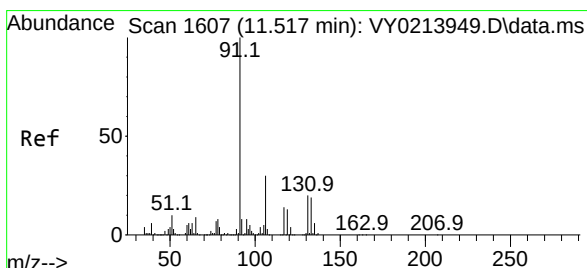
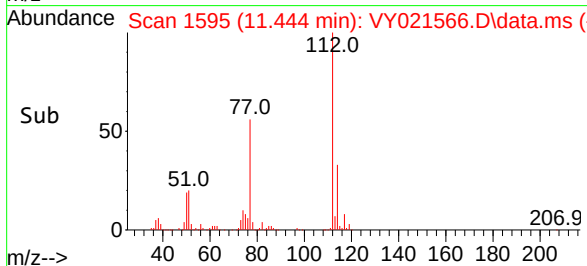
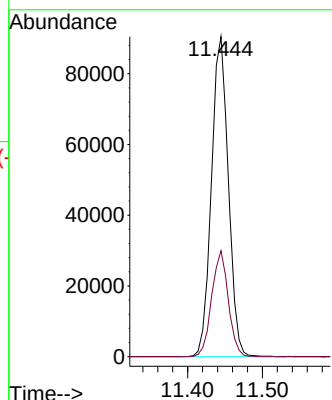
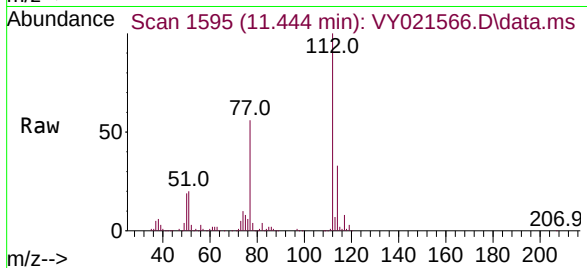




#65
Chlorobenzene
Concen: 22.671 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

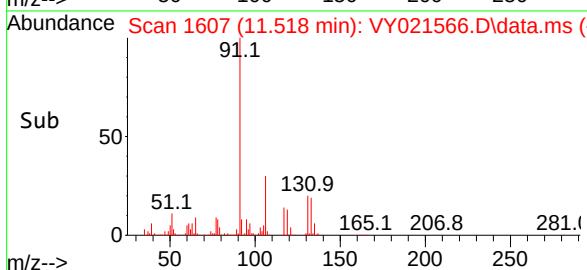
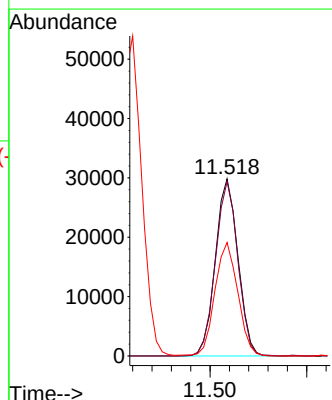
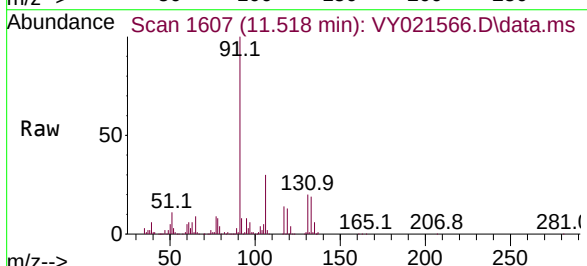
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

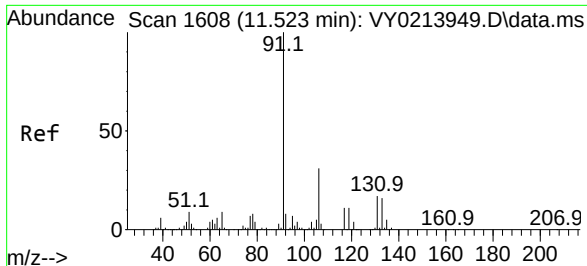
Tgt Ion:112 Resp: 142420
Ion Ratio Lower Upper
112 100
114 33.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.774 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:131 Resp: 48359
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 64.9 32.3 96.9





#67

Ethyl Benzene

Concen: 21.999 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

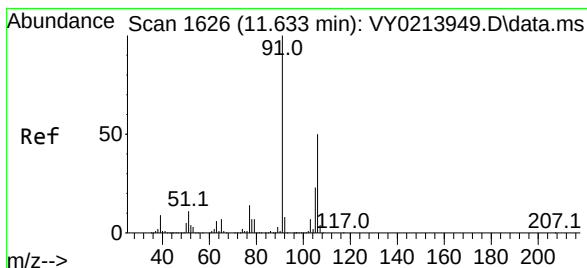
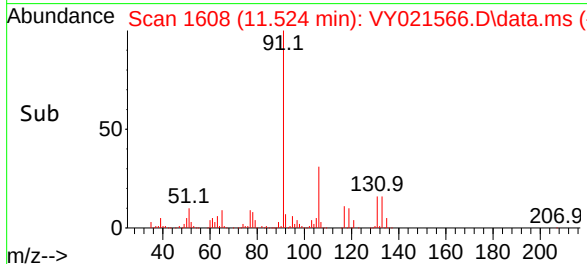
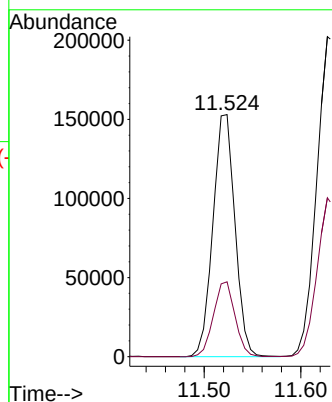
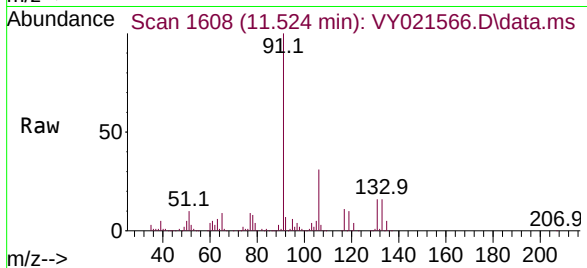
VY0319SBS01

Tgt Ion: 91 Resp: 242568

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 43.684 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021566.D

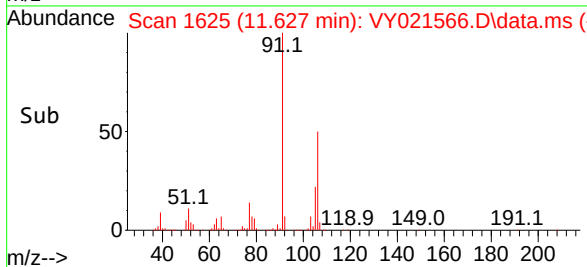
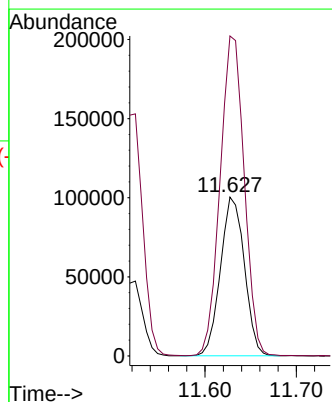
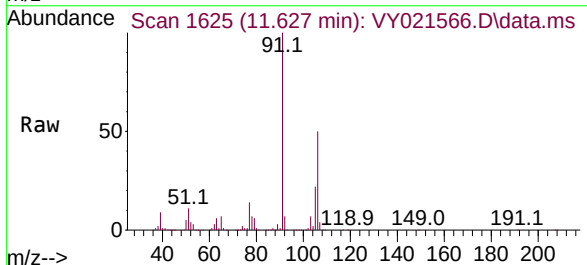
Acq: 19 Mar 2025 13:20

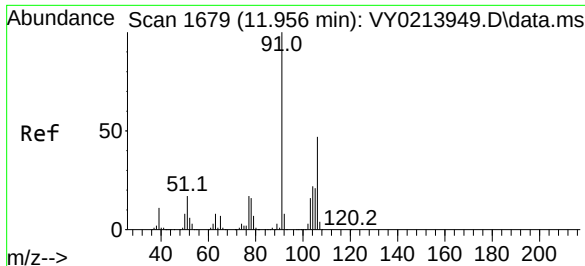
Tgt Ion:106 Resp: 182863

Ion Ratio Lower Upper

106 100

91 204.0 161.7 242.5





#69

o-Xylene

Concen: 22.178 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

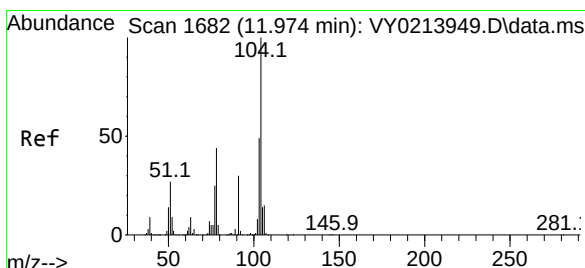
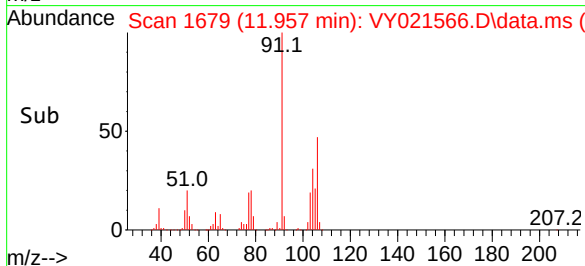
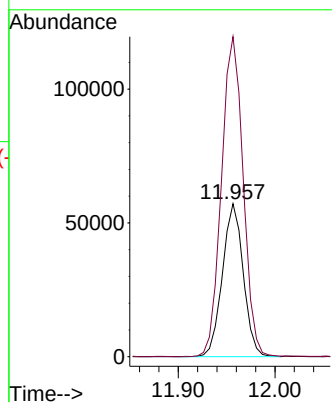
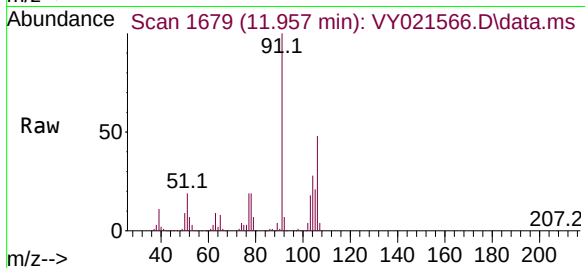
VY0319SBS01

Tgt Ion:106 Resp: 85563

Ion Ratio Lower Upper

106 100

91 218.3 107.6 322.8



#70

Styrene

Concen: 23.004 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

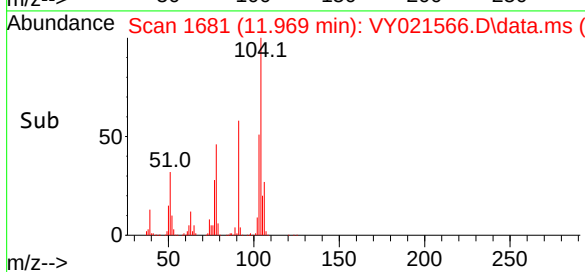
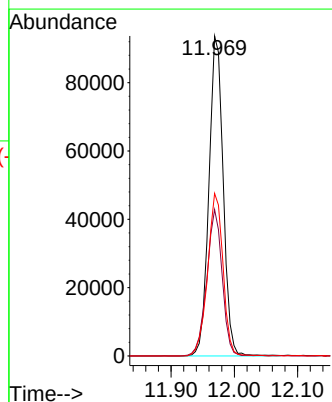
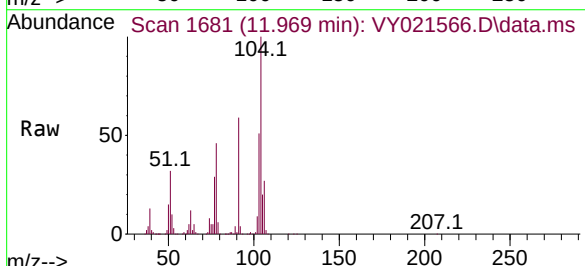
Tgt Ion:104 Resp: 147234

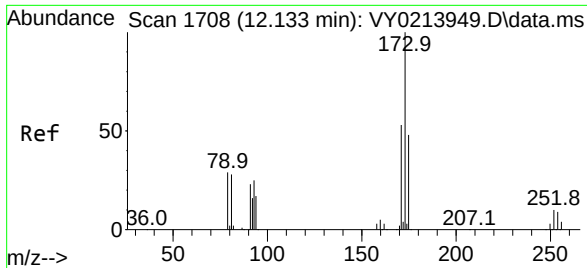
Ion Ratio Lower Upper

104 100

78 49.7 40.7 61.1

103 54.8 44.1 66.1

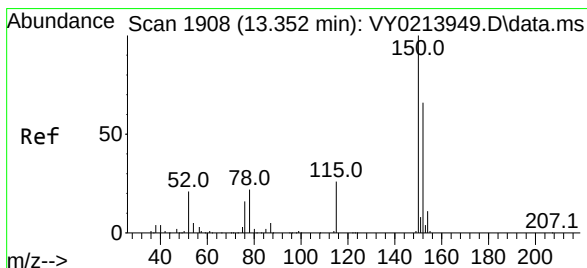
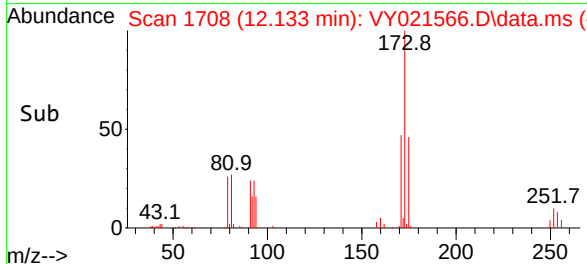
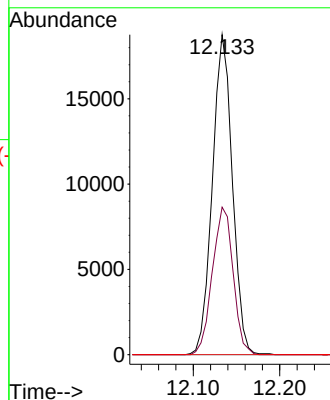
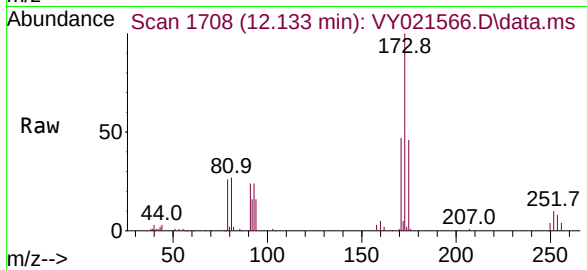




#71
Bromoform
Concen: 24.222 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

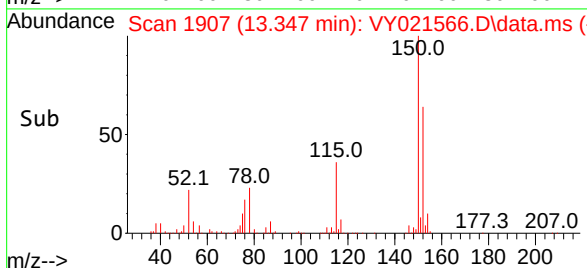
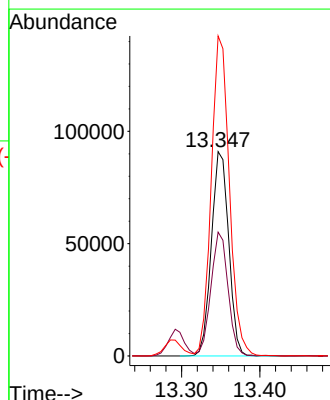
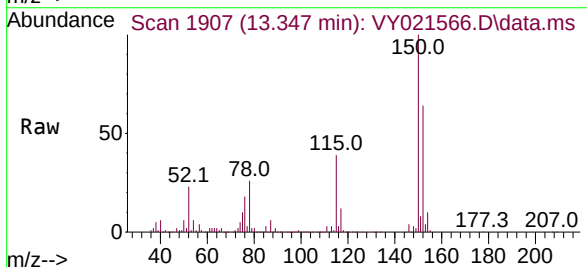
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

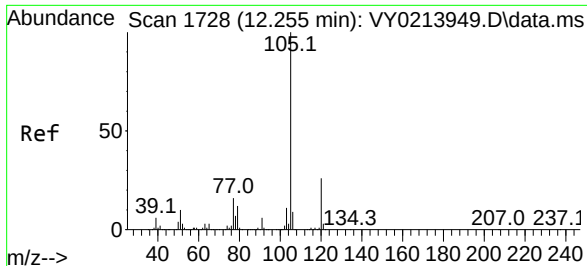
Tgt Ion:173 Resp: 30073
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:152 Resp: 139400
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.0
150 164.0 0.0 347.2

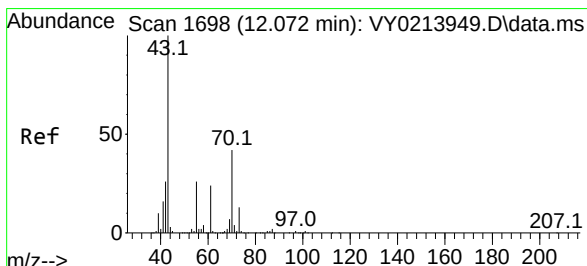
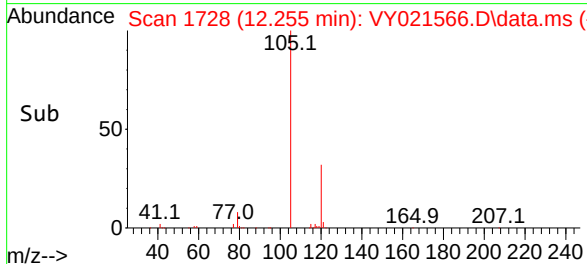
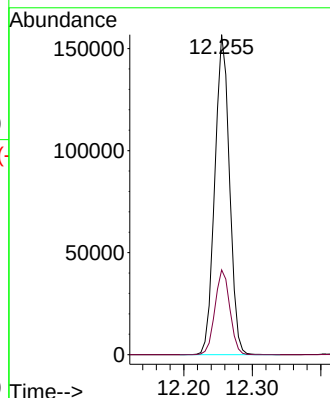
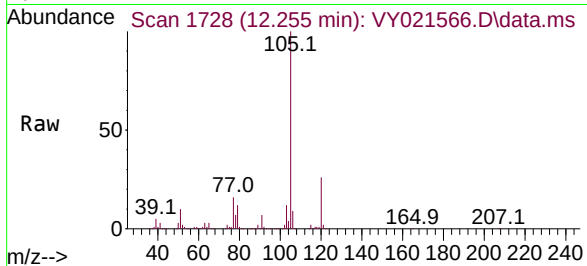




#73
Isopropylbenzene
Concen: 21.284 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

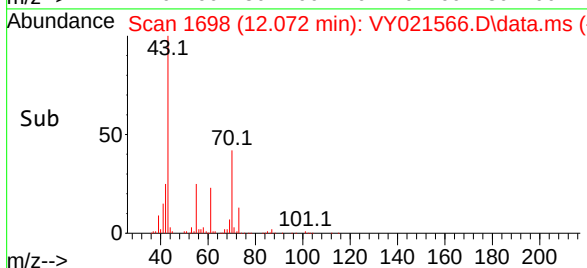
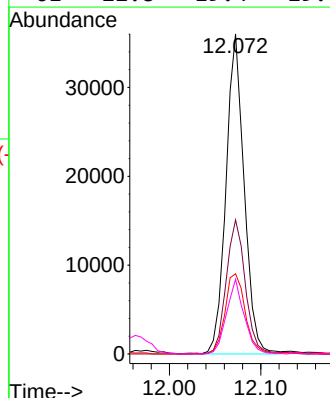
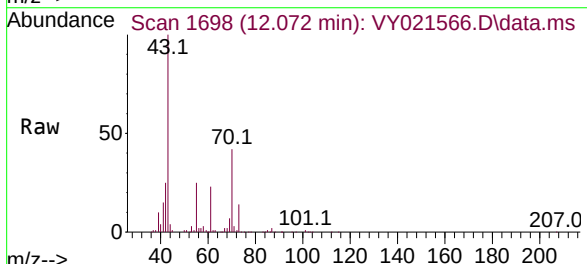
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

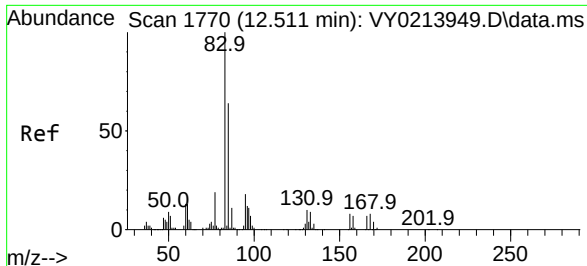
Tgt Ion:105 Resp: 233714
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 20.918 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 43 Resp: 49885
Ion Ratio Lower Upper
43 100
70 44.1 34.6 51.8
55 28.0 21.1 31.7
61 22.8 19.4 29.0

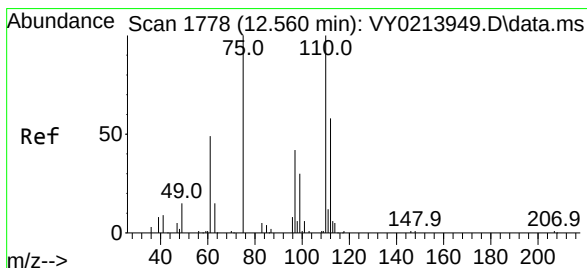
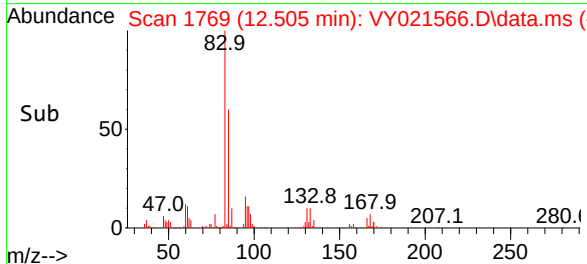
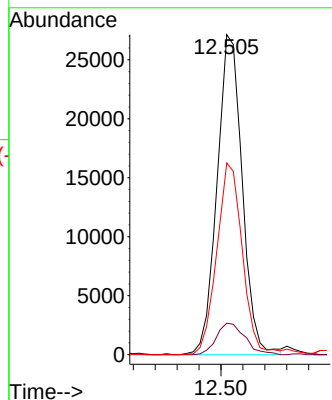
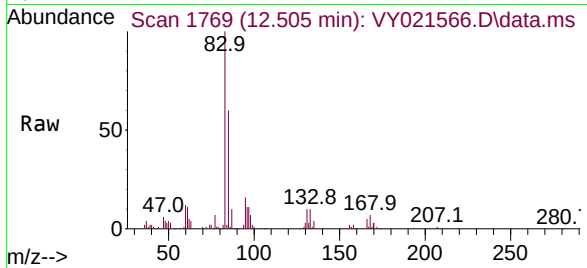




#75
1,1,2,2-Tetrachloroethane
Concen: 22.325 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

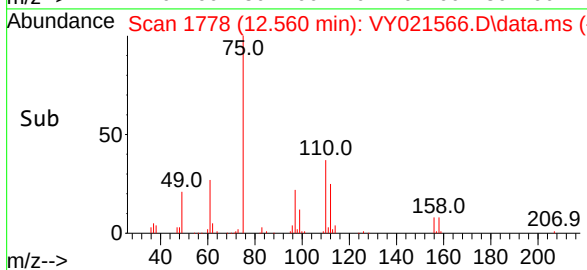
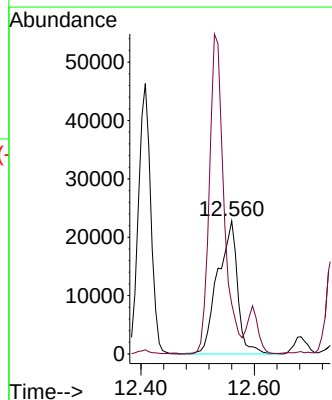
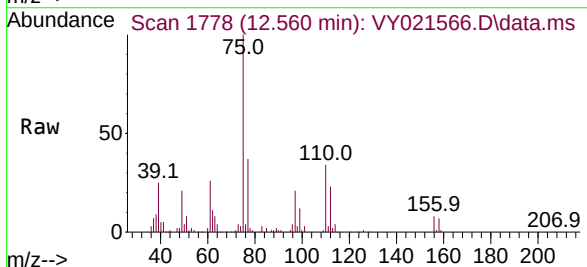
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

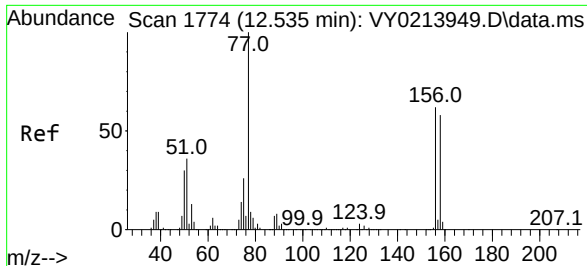
Tgt Ion: 83 Resp: 43260
Ion Ratio Lower Upper
83 100
131 11.2 5.3 16.1
85 61.9 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 39.451 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 75 Resp: 55417
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

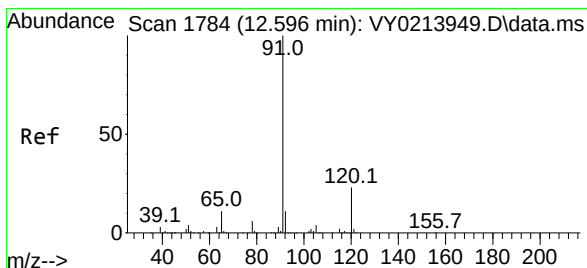
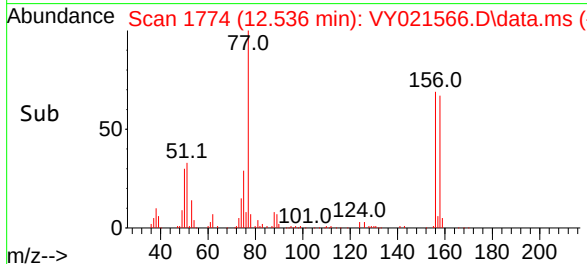
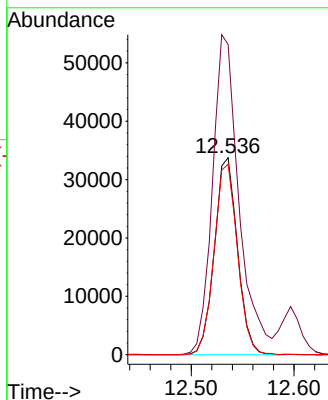
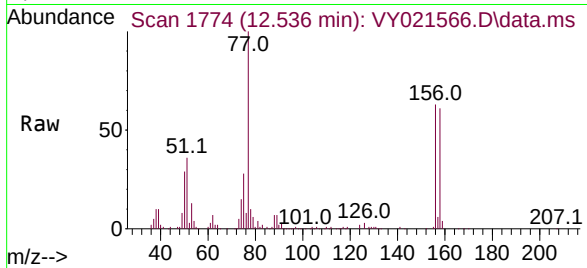




#77
Bromobenzene
Concen: 20.433 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

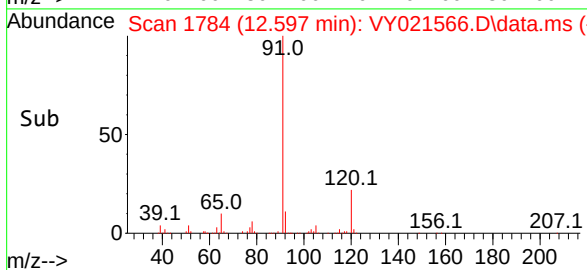
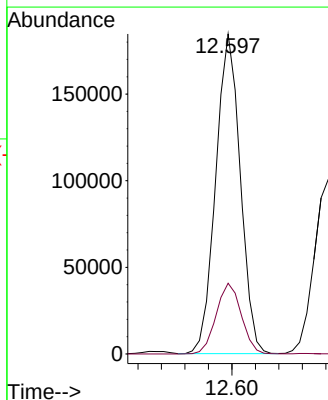
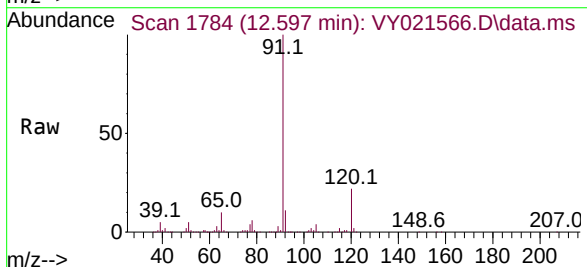
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

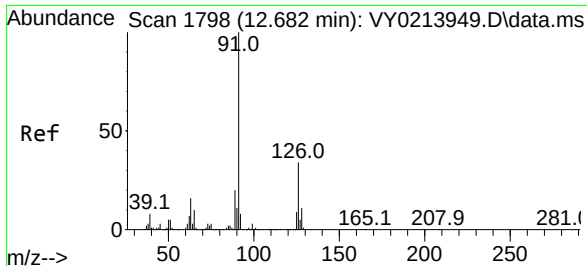
Tgt Ion:156 Resp: 52492
Ion Ratio Lower Upper
156 100
77 187.0 93.6 280.8
158 98.0 48.3 144.8



#78
n-propylbenzene
Concen: 20.106 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 91 Resp: 268133
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

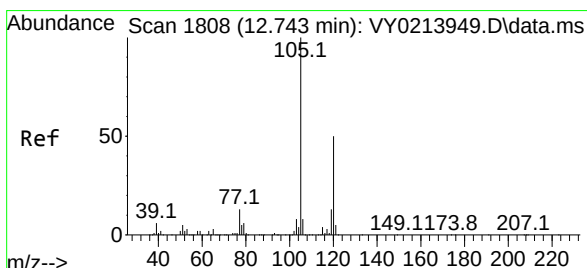
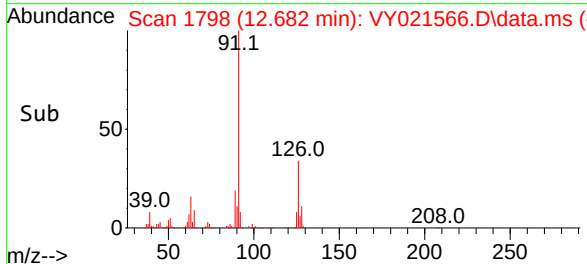
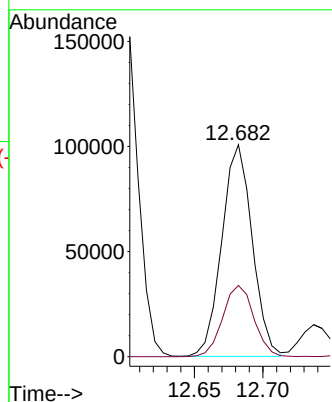
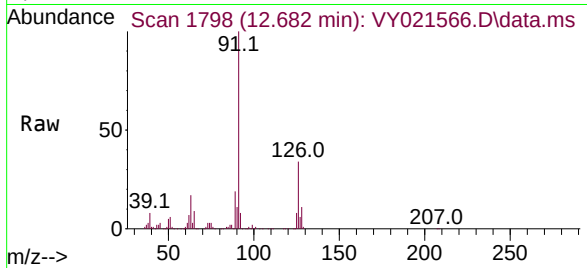




#79
2-Chlorotoluene
Concen: 20.381 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

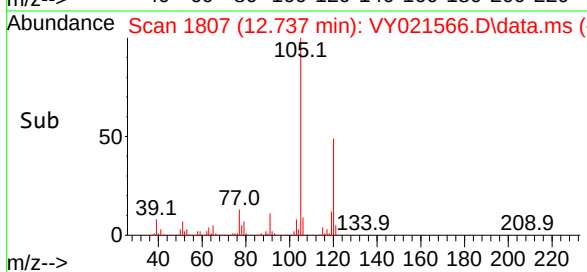
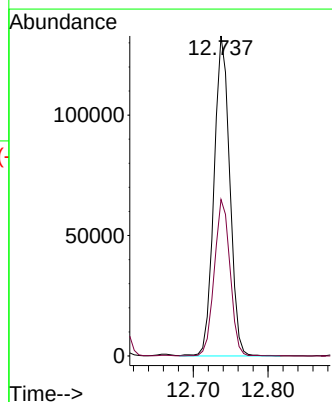
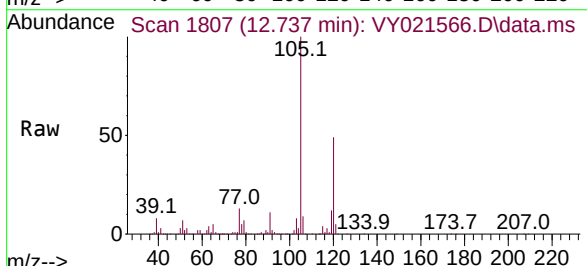
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

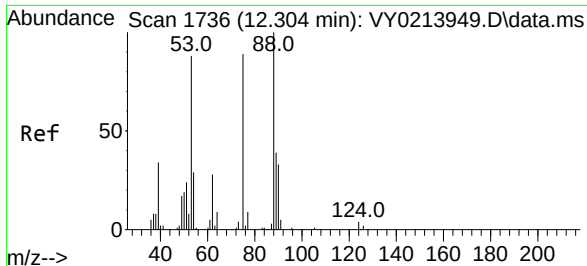
Tgt Ion: 91 Resp: 155414
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 21.843 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion: 105 Resp: 194924
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6

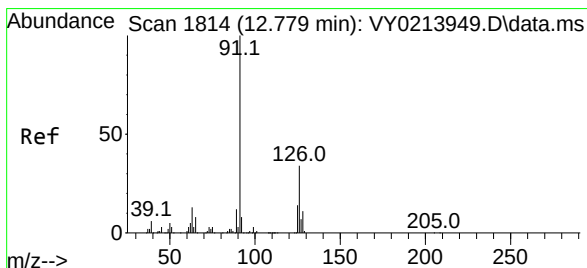
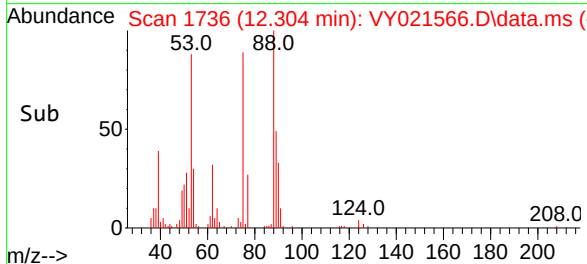
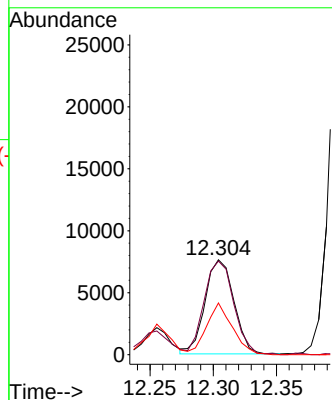
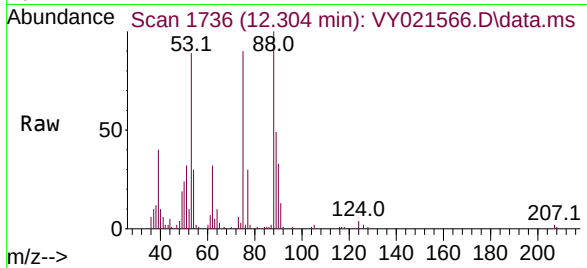




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.438 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

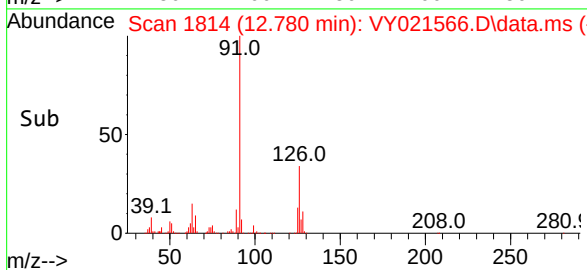
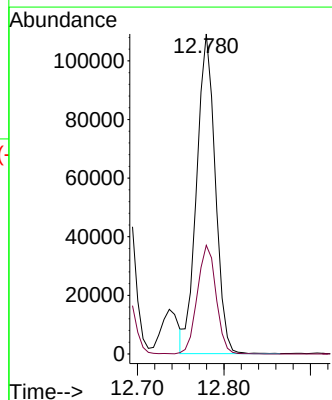
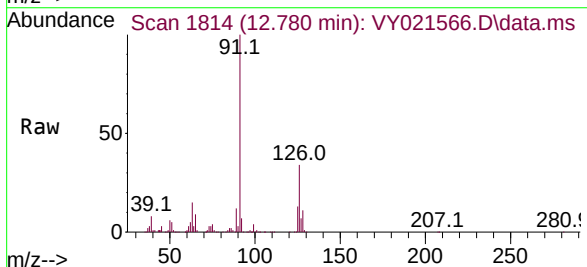
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

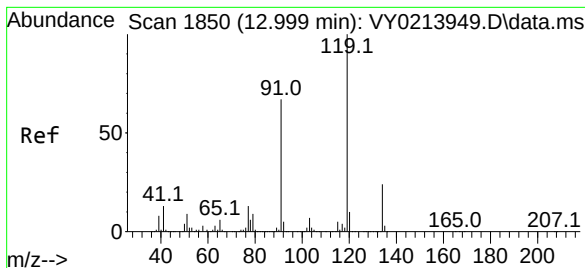
Tgt Ion: 75 Resp: 12011
 Ion Ratio Lower Upper
 75 100
 53 102.1 81.0 121.4
 89 49.0 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 20.525 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion: 91 Resp: 162073
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.420 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

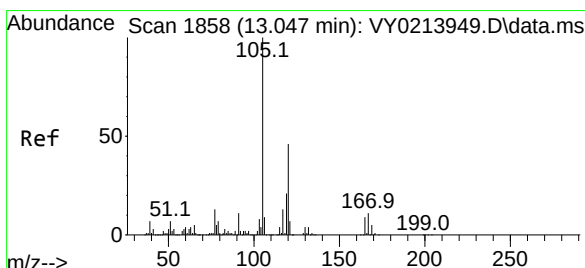
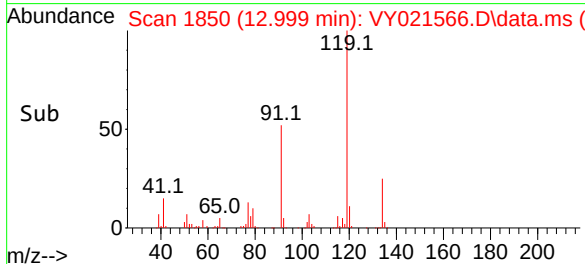
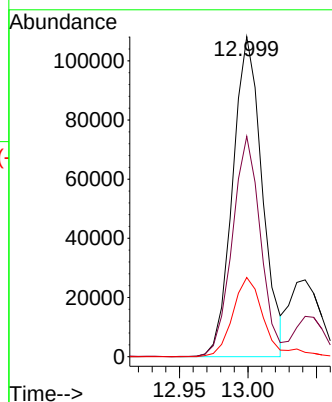
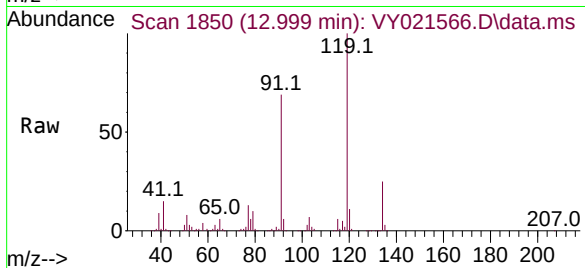
Tgt Ion:119 Resp: 162559

Ion Ratio Lower Upper

119 100

91 65.9 33.2 99.6

134 26.3 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 21.748 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021566.D

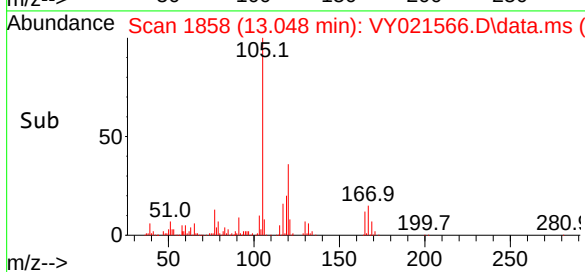
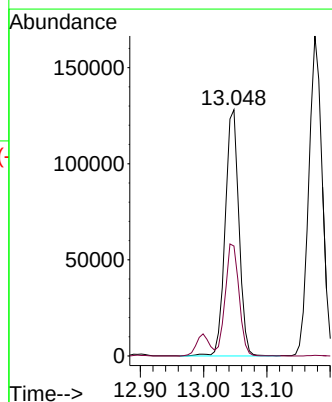
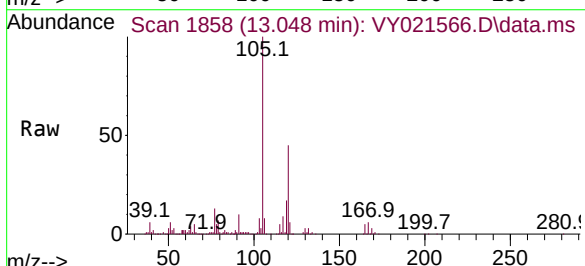
Acq: 19 Mar 2025 13:20

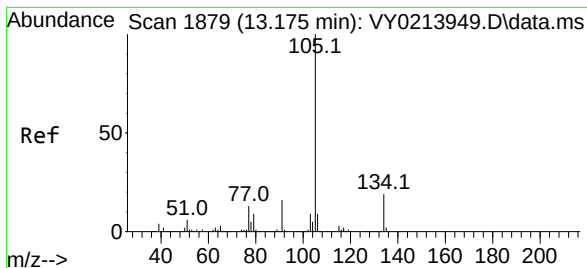
Tgt Ion:105 Resp: 192691

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.490 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

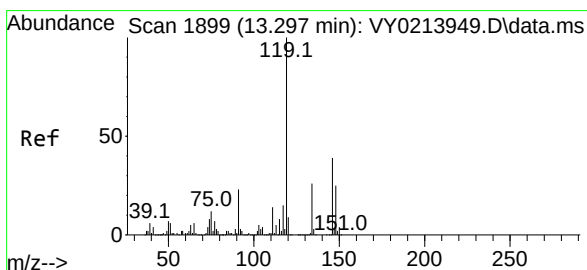
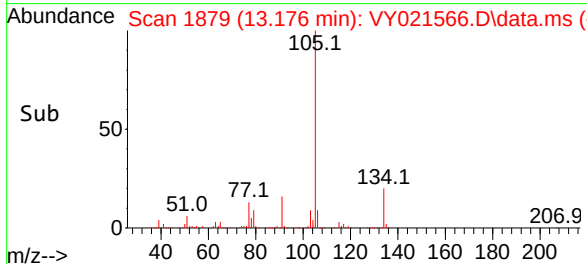
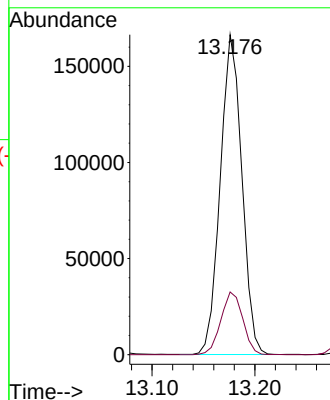
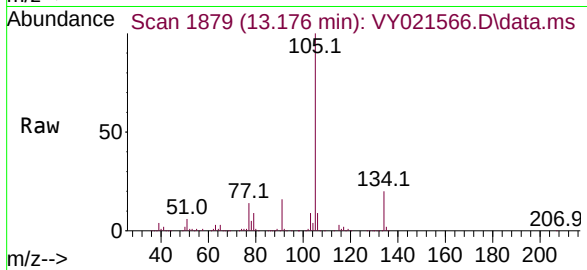
VY0319SBS01

Tgt Ion:105 Resp: 242690

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.751 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

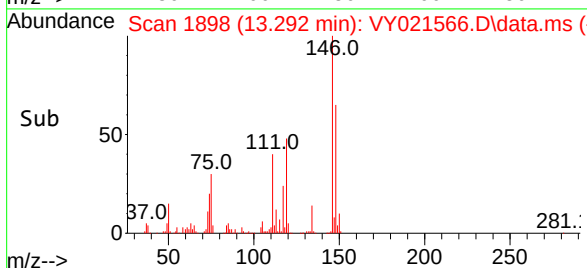
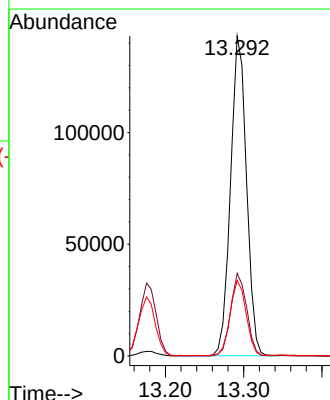
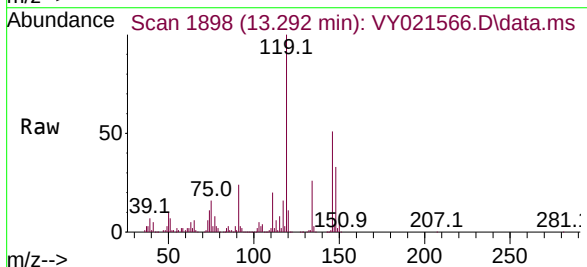
Tgt Ion:119 Resp: 202494

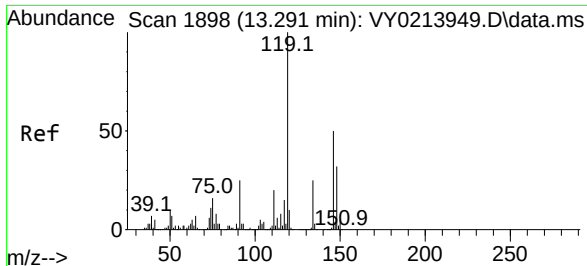
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 22.016 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

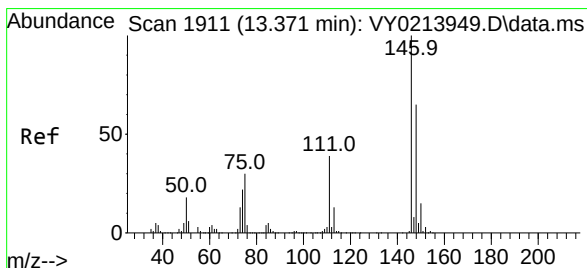
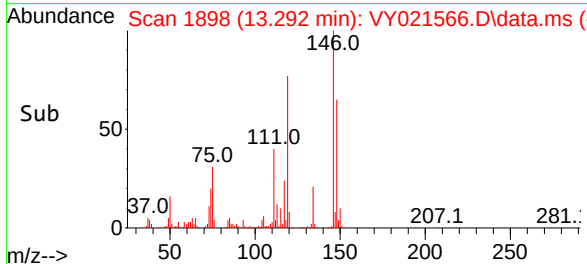
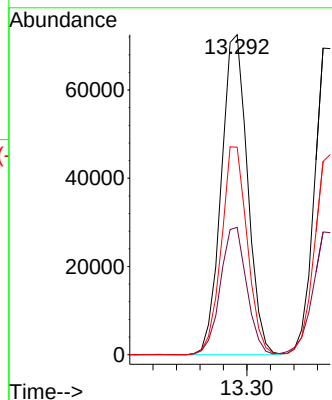
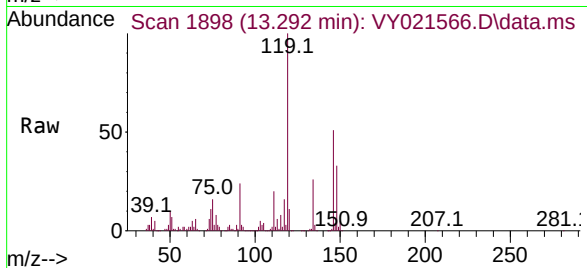
Tgt Ion:146 Resp: 112582

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.790 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

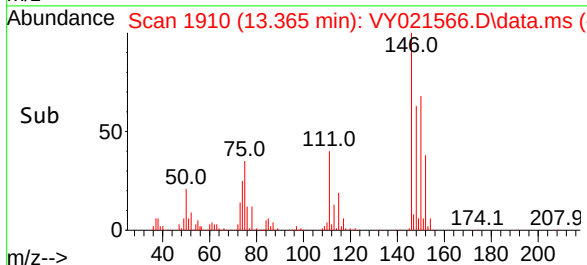
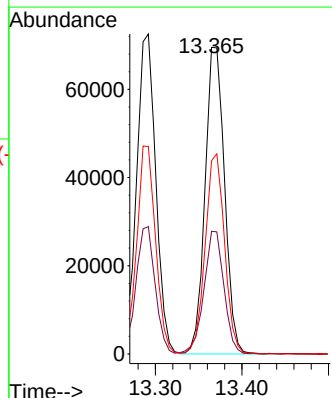
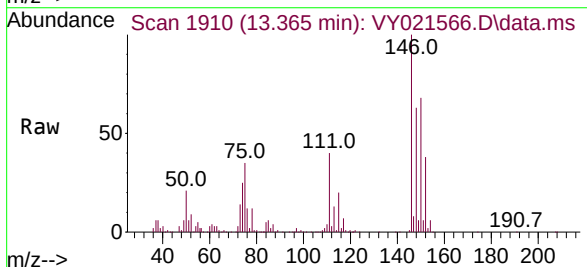
Tgt Ion:146 Resp: 108976

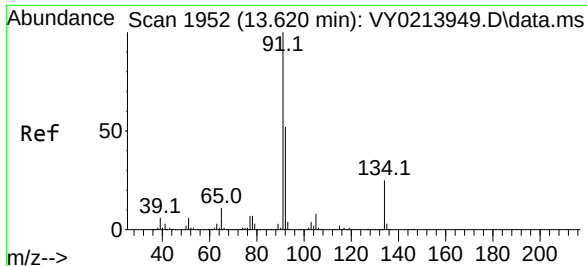
Ion Ratio Lower Upper

146 100

111 41.2 19.6 58.8

148 64.8 32.3 96.8





#89

n-Butylbenzene

Concen: 20.229 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021566.D

Acq: 19 Mar 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

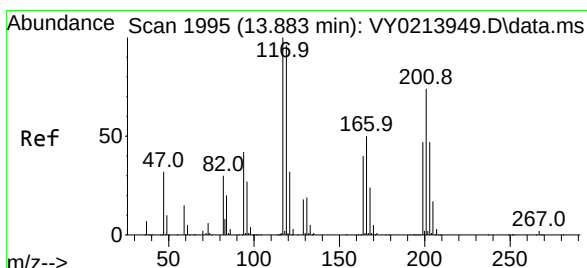
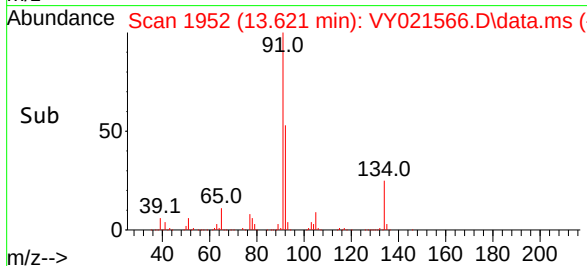
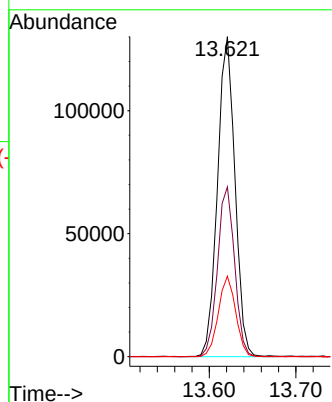
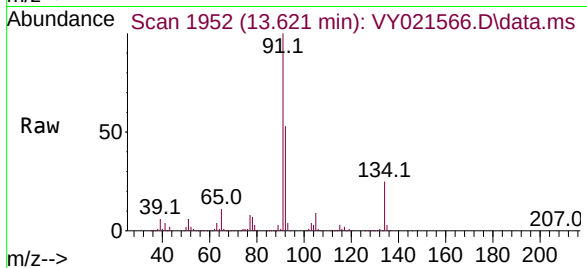
Tgt Ion: 91 Resp: 182277

Ion Ratio Lower Upper

91 100

92 51.9 26.1 78.3

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 20.885 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021566.D

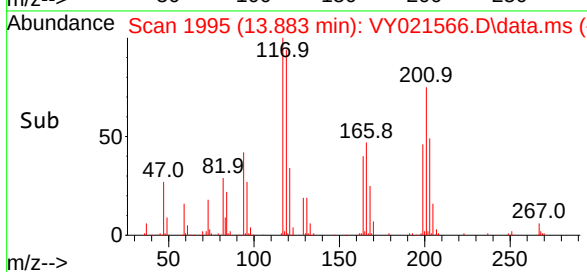
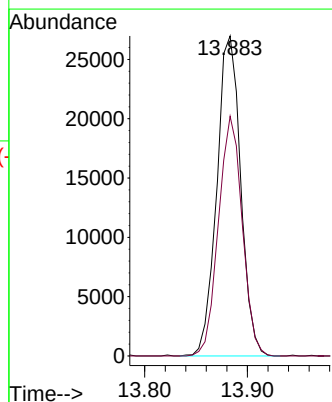
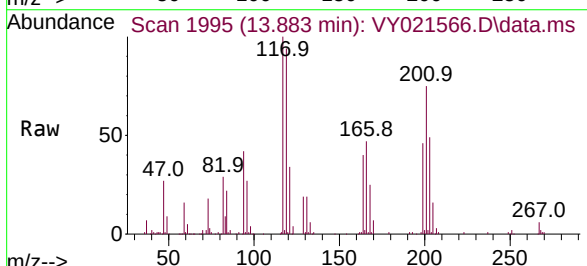
Acq: 19 Mar 2025 13:20

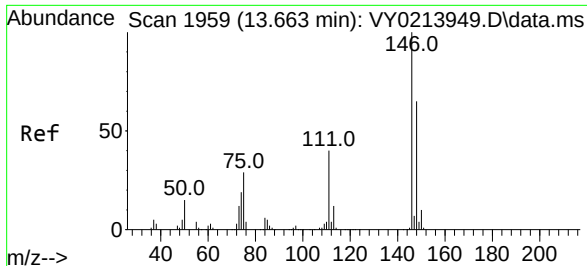
Tgt Ion: 117 Resp: 43477

Ion Ratio Lower Upper

117 100

201 74.5 37.4 112.2

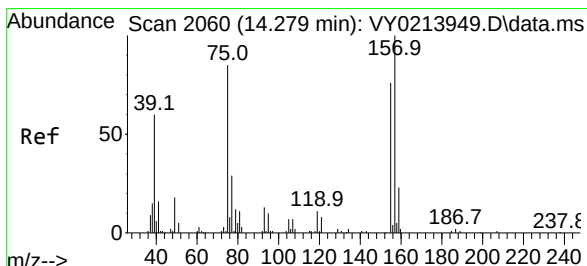
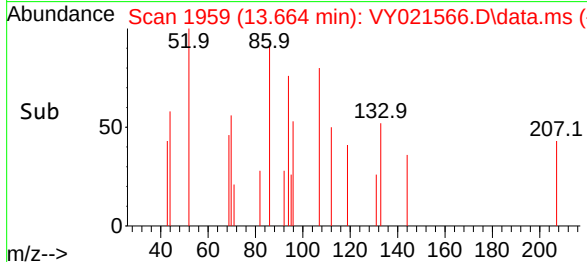
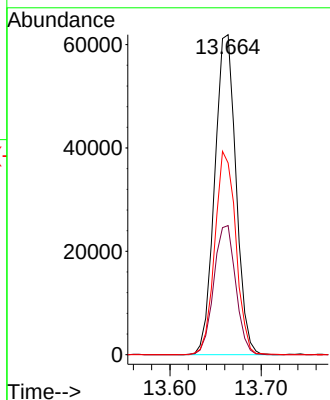
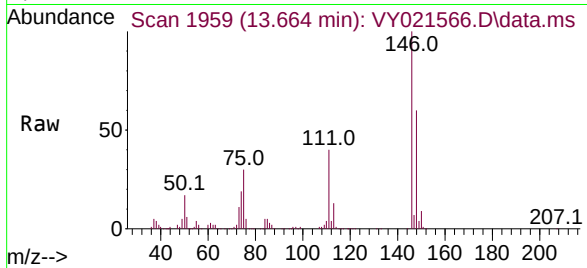




#91
 1,2-Dichlorobenzene
 Concen: 22.874 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

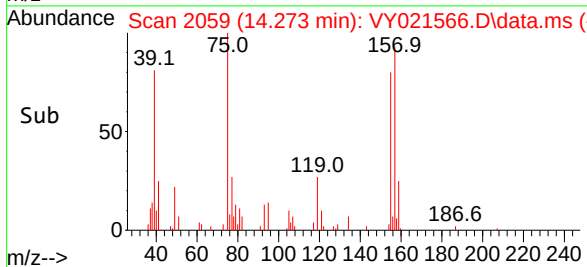
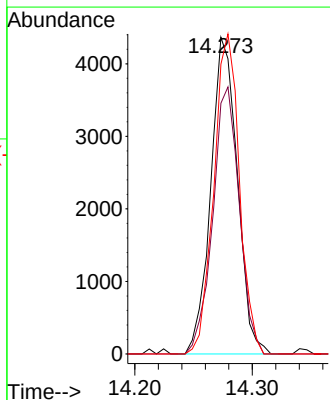
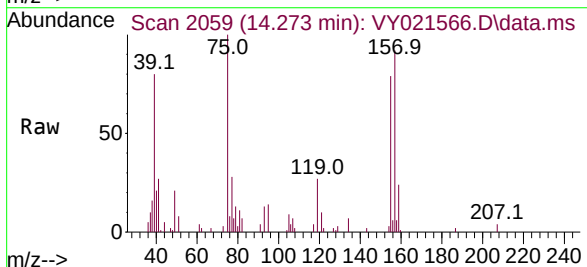
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

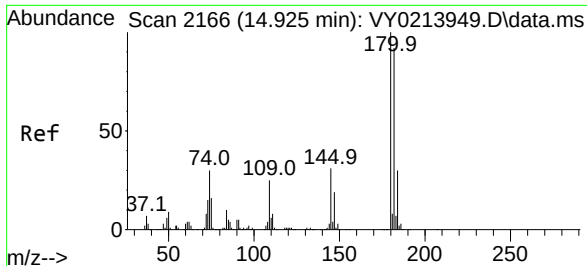
Tgt Ion:146 Resp: 100252
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 62.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.654 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion: 75 Resp: 6866
 Ion Ratio Lower Upper
 75 100
 155 84.0 43.5 130.5
 157 96.9 54.4 163.2

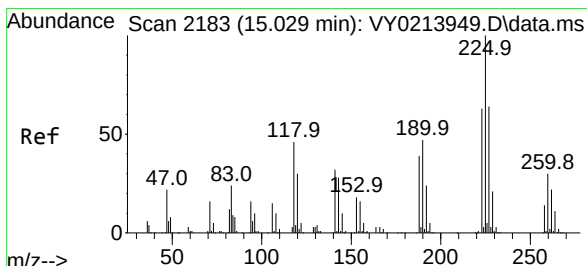
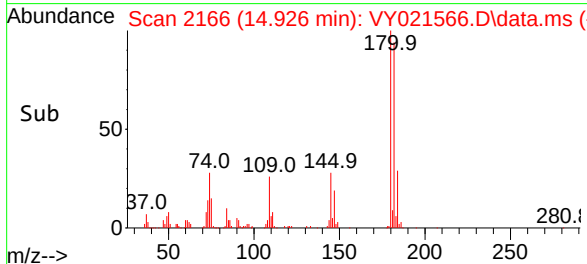
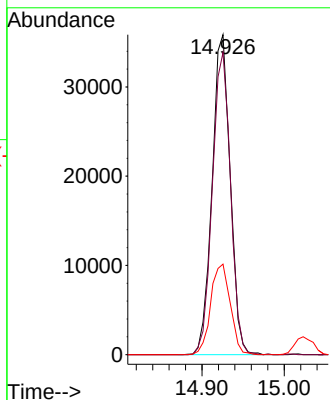
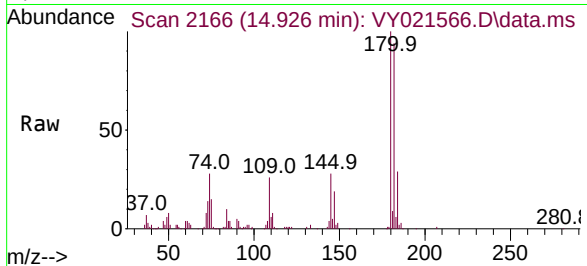




#93
 1,2,4-Trichlorobenzene
 Concen: 22.880 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

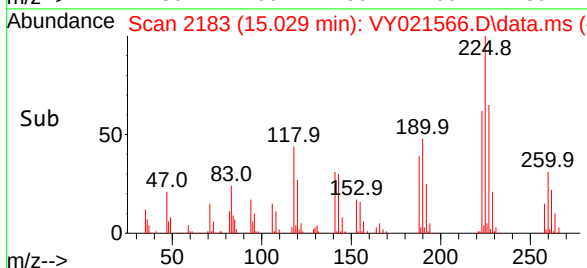
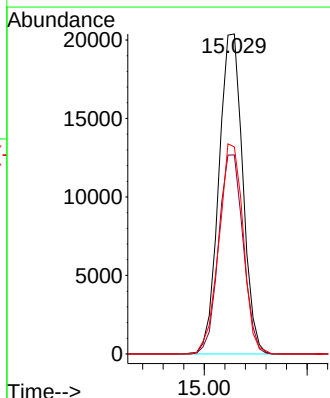
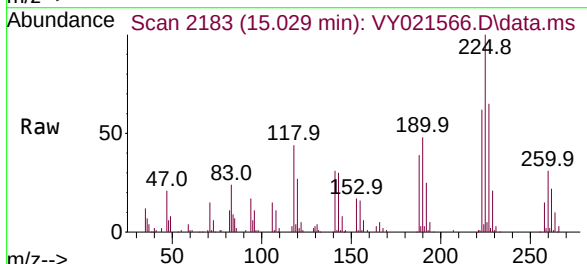
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

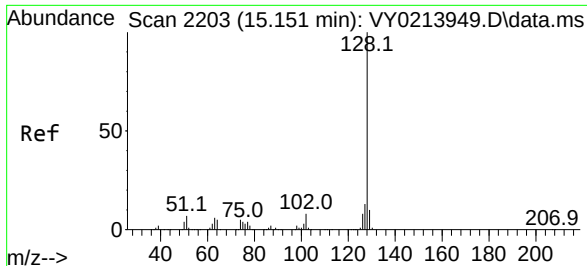
Tgt Ion:180 Resp: 54774
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.7 140.0
 145 30.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.900 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021566.D
 Acq: 19 Mar 2025 13:20

Tgt Ion:225 Resp: 32864
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.2
 227 66.6 31.8 95.4

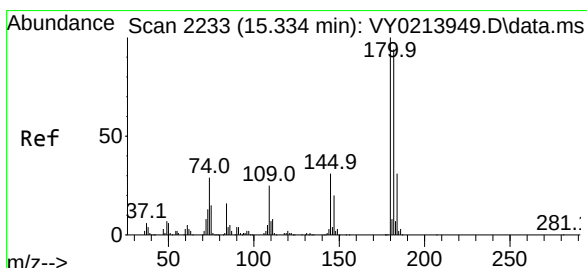
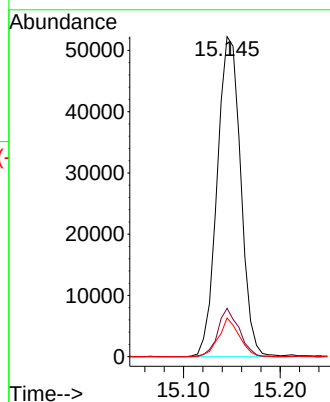
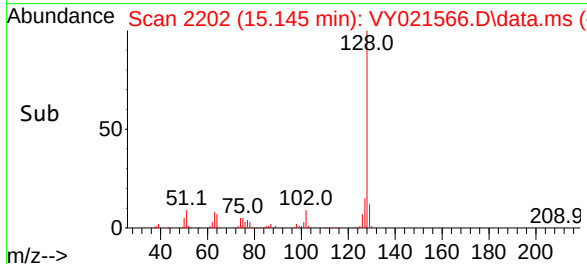
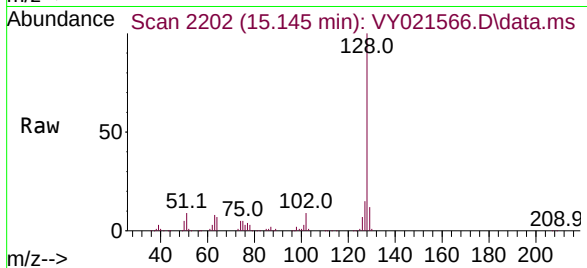




#95
Naphthalene
Concen: 23.770 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion:128	Resp:	88241
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.6 15.8
129	10.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.997 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021566.D
Acq: 19 Mar 2025 13:20

Tgt Ion:180	Resp:	46302
Ion Ratio	Lower	Upper
180	100	
182	97.0	47.2 141.6
145	33.4	16.4 49.1

