

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021532.D
 Acq On : 14 Mar 2025 11:51
 Operator : SY/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 01:59:51 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	196581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	305463	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	272403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	105031	50.551	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.100%	
35) Dibromofluoromethane	7.628	113	98612	49.113	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.103	98	370924	48.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.401	95	126408	48.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	31437	17.427	ug/l	98
3) Chloromethane	2.068	50	49561	19.487	ug/l	98
4) Vinyl Chloride	2.202	62	56713	20.405	ug/l	97
5) Bromomethane	2.586	94	41810	20.814	ug/l	91
6) Chloroethane	2.726	64	40566	22.086	ug/l	97
7) Trichlorofluoromethane	3.049	101	81678	21.055	ug/l	97
8) Diethyl Ether	3.452	74	20910	19.450	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	42312	19.104	ug/l	99
10) Methyl Iodide	3.994	142	39761	17.660	ug/l	98
11) Tert butyl alcohol	4.866	59	15118	98.230	ug/l	98
12) 1,1-Dichloroethene	3.787	96	37746	18.693	ug/l	96
13) Acrolein	3.647	56	12453	117.835	ug/l	96
14) Allyl chloride	4.372	41	61477	18.839	ug/l	99
15) Acrylonitrile	5.049	53	48397	105.751	ug/l	96
16) Acetone	3.866	43	46804	103.280	ug/l	95
17) Carbon Disulfide	4.098	76	110973	17.536	ug/l	98
18) Methyl Acetate	4.378	43	20643	20.530	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	96335	18.822	ug/l	98
20) Methylene Chloride	4.610	84	47581	20.002	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	41838	18.500	ug/l	91
22) Diisopropyl ether	6.018	45	138288	19.663	ug/l	98
23) Vinyl Acetate	5.957	43	388205	96.722	ug/l	99
24) 1,1-Dichloroethane	5.909	63	79245	19.092	ug/l	98
25) 2-Butanone	6.890	43	63132	100.709	ug/l	100
26) 2,2-Dichloropropane	6.878	77	70387	18.430	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	48517	18.885	ug/l	100
28) Bromochloromethane	7.244	49	32074	18.432	ug/l	98
29) Tetrahydrofuran	7.256	42	39115	101.072	ug/l	98
30) Chloroform	7.414	83	85292	19.789	ug/l	96
31) Cyclohexane	7.695	56	67639	17.382	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	75935	19.241	ug/l	99
36) 1,1-Dichloropropene	7.829	75	60222	19.161	ug/l	97
37) Ethyl Acetate	6.982	43	27694	19.936	ug/l	99
38) Carbon Tetrachloride	7.817	117	68737	19.016	ug/l	97
39) Methylcyclohexane	9.109	83	67344	17.469	ug/l	97
40) Benzene	8.079	78	177072	19.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	12699	16.789	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	51090	19.725	ug/l	98
43) Isopropyl Acetate	8.195	43	52418	19.438	ug/l	98
44) Trichloroethene	8.865	130	44643	19.082	ug/l	98
45) 1,2-Dichloropropane	9.134	63	42758	19.405	ug/l	99
46) Dibromomethane	9.225	93	25026	20.412	ug/l	98
47) Bromodichloromethane	9.420	83	65402	20.087	ug/l	100
48) Methyl methacrylate	9.219	41	24727	19.969	ug/l	97
49) 1,4-Dioxane	9.225	88	5389	447.814	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	138064	99.228	ug/l	99
52) Toluene	10.170	92	110414	18.916	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	55951	19.505	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	63049	18.512	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	31849	19.859	ug/l	98
56) Ethyl methacrylate	10.438	69	38817	18.978	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55133	19.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	89652	94.950	ug/l	98
59) 2-Hexanone	10.761	43	92640	100.694	ug/l	99
60) Dibromochloromethane	10.908	129	43491	19.780	ug/l	98
61) 1,2-Dibromoethane	11.011	107	29819	19.700	ug/l	98
64) Tetrachloroethene	10.646	164	49566	22.377	ug/l	97
65) Chlorobenzene	11.438	112	120387	18.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	42304	18.601	ug/l	97
67) Ethyl Benzene	11.517	91	203370	18.012	ug/l	100
68) m/p-Xylenes	11.627	106	161897	37.769	ug/l	99
69) o-Xylene	11.956	106	72103	18.251	ug/l	99
70) Styrene	11.969	104	124485	18.994	ug/l	99
71) Bromoform	12.133	173	24921	19.602	ug/l #	97
73) Isopropylbenzene	12.255	105	195778	17.355	ug/l	100
74) N-amyl acetate	12.072	43	43992	17.957	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36082	18.126	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	47989	33.256	ug/l #	100
77) Bromobenzene	12.529	156	48334	18.315	ug/l	98
78) n-propylbenzene	12.596	91	244464	17.844	ug/l	99
79) 2-Chlorotoluene	12.676	91	140207	17.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	166610	18.175	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11145	17.557	ug/l	99
82) 4-Chlorotoluene	12.779	91	148383	18.292	ug/l	100
83) tert-Butylbenzene	12.999	119	144859	17.713	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	166145	18.254	ug/l	99
85) sec-Butylbenzene	13.176	105	217856	17.904	ug/l	99
86) p-Isopropyltoluene	13.291	119	180441	18.000	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	96089	18.292	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	93153	18.132	ug/l	99
89) n-Butylbenzene	13.615	91	166837	18.024	ug/l	99
90) Hexachloroethane	13.883	117	39721	18.574	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	85362	18.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5715	19.166	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	46108	18.749	ug/l	99
94) Hexachlorobutadiene	15.023	225	28813	18.691	ug/l	97
95) Naphthalene	15.145	128	68532	18.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	38523	18.625	ug/l	99

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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

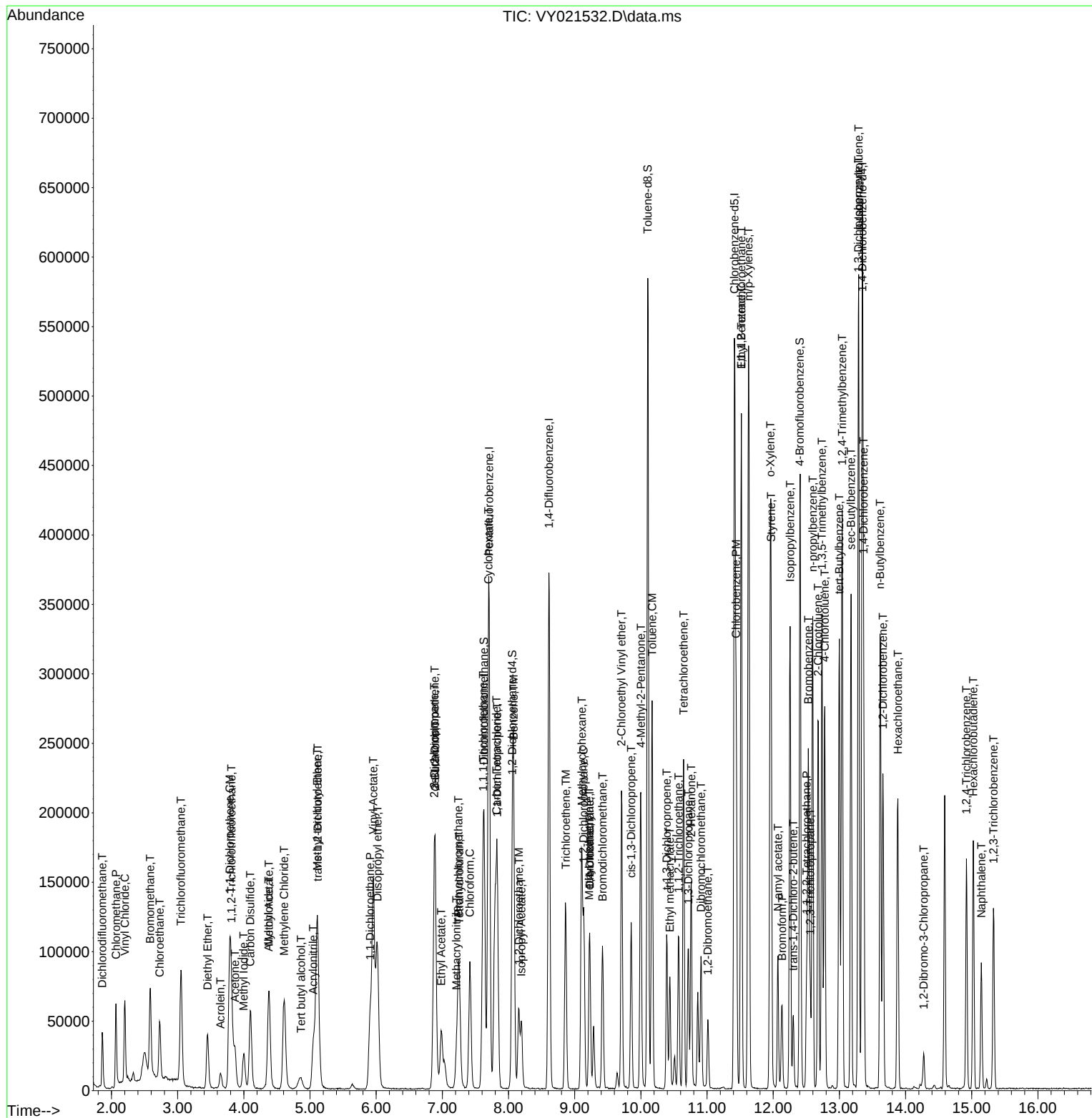
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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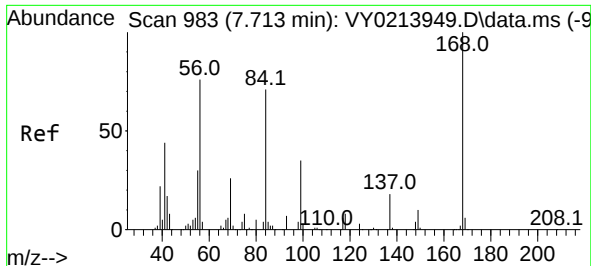
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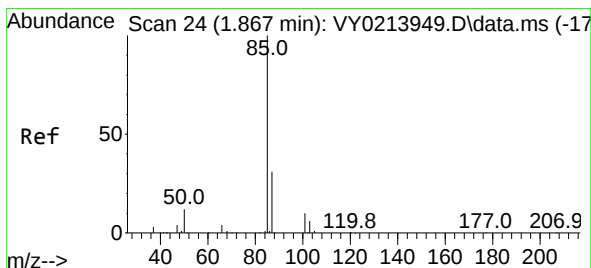
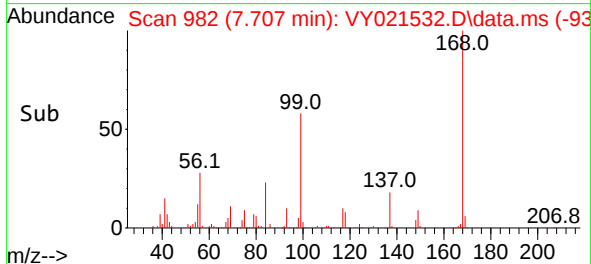
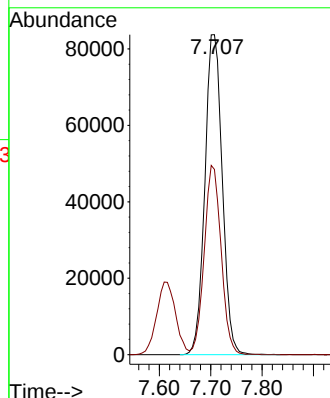
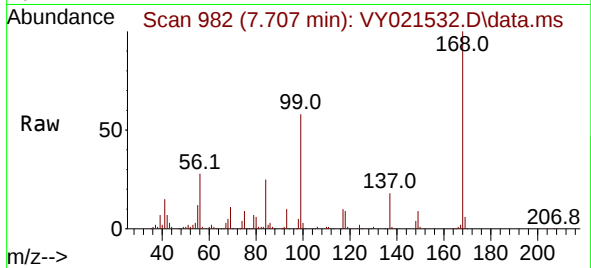




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

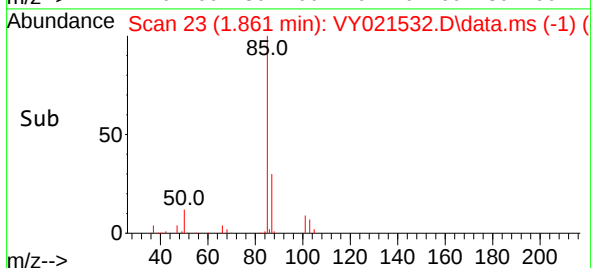
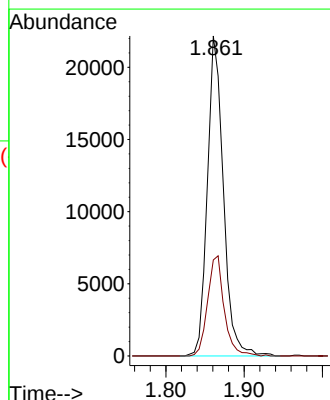
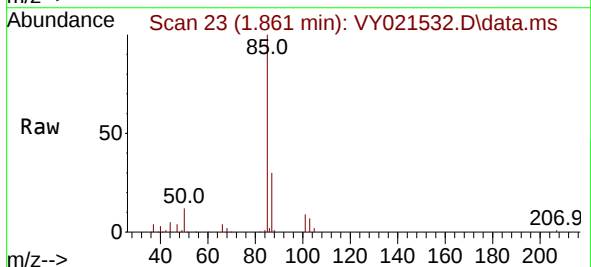
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Tgt Ion:168 Resp: 196581
Ion Ratio Lower Upper
168 100
99 57.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 17.427 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 85 Resp: 31437
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0

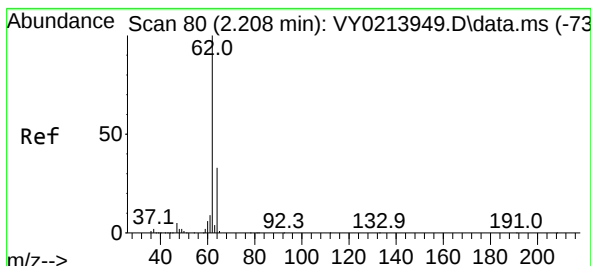
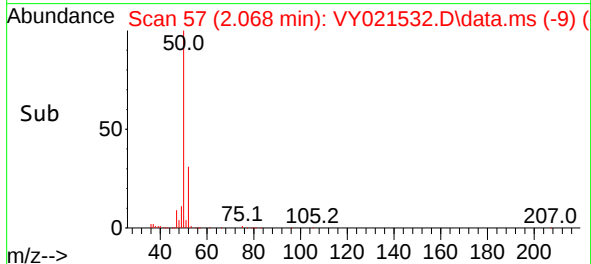
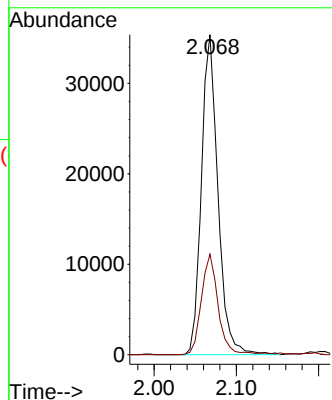
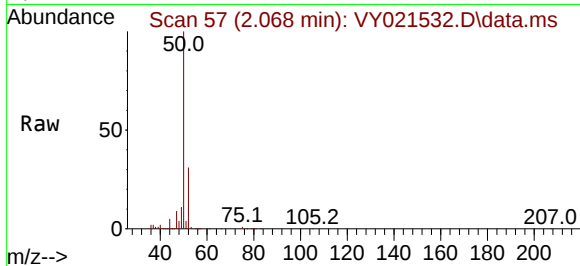




#3
Chloromethane
Concen: 19.487 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

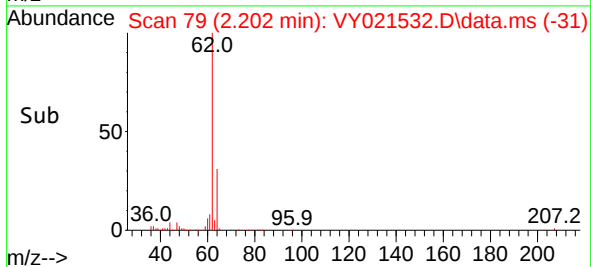
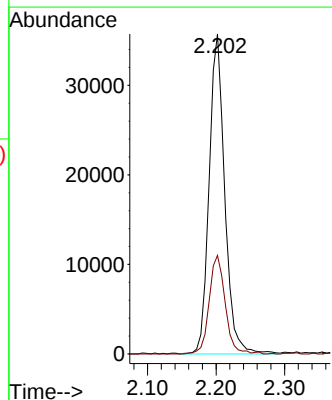
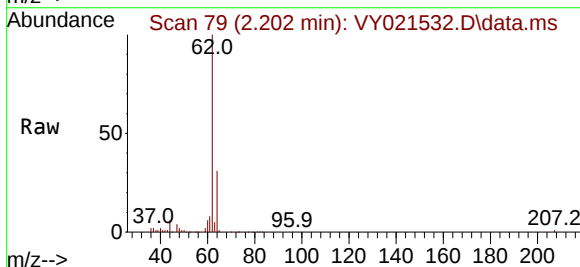
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

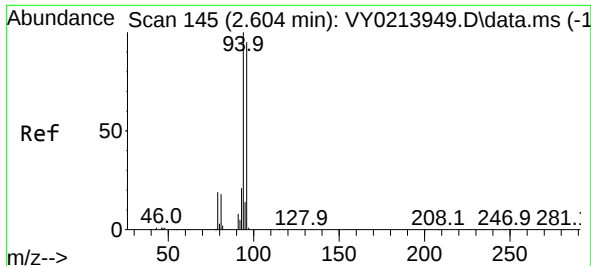
Tgt Ion: 50 Resp: 49561
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#4
Vinyl Chloride
Concen: 20.405 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 62 Resp: 56713
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2

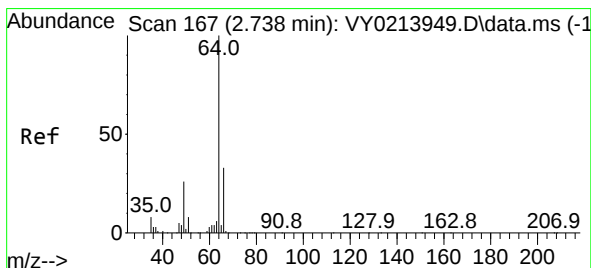
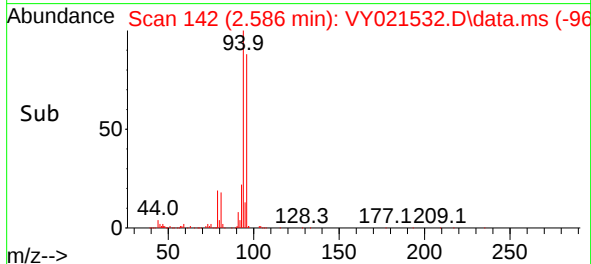
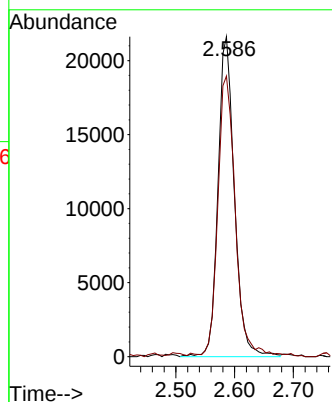
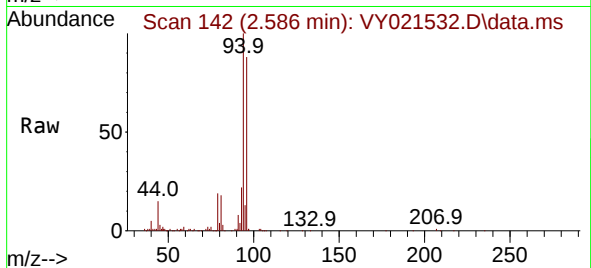




#5
Bromomethane
Concen: 20.814 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

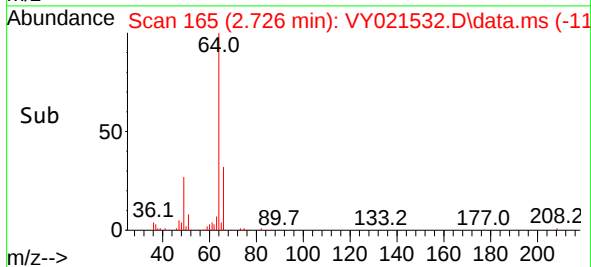
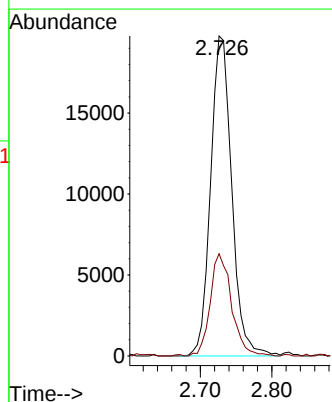
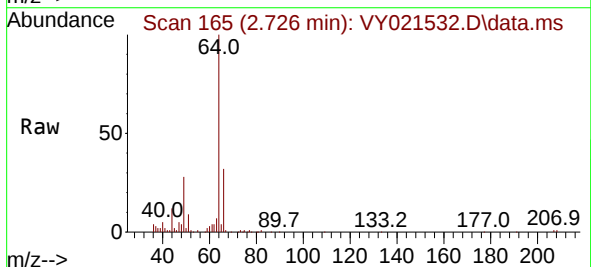
Instrument :
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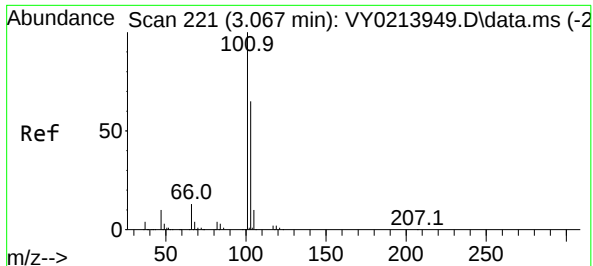
Tgt Ion: 94 Resp: 41810
Ion Ratio Lower Upper
94 100
96 86.8 76.3 114.5



#6
Chloroethane
Concen: 22.086 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 64 Resp: 40566
Ion Ratio Lower Upper
64 100
66 31.9 26.7 40.1

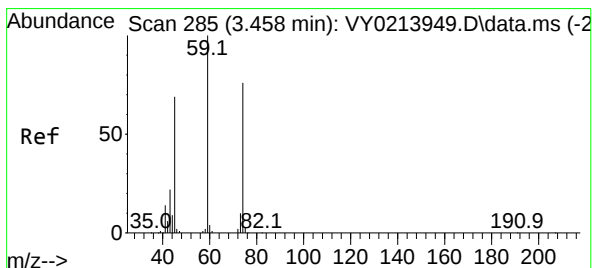
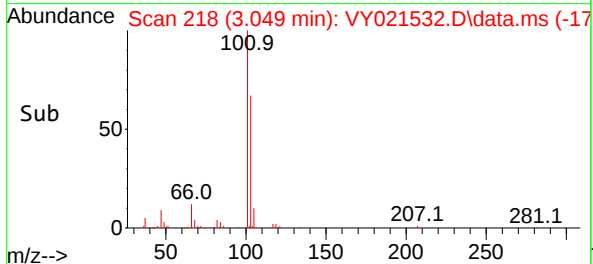
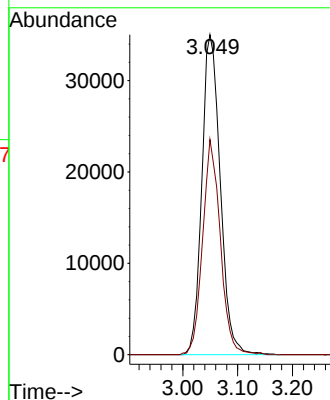
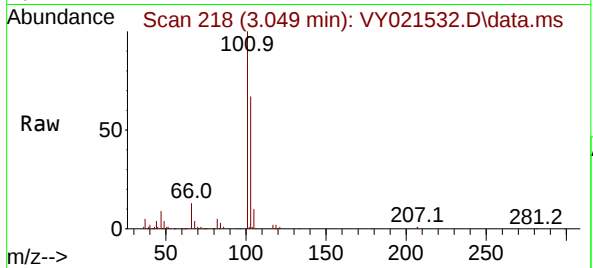




#7
Trichlorofluoromethane
Concen: 21.055 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

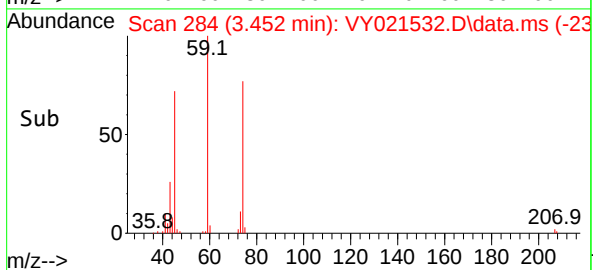
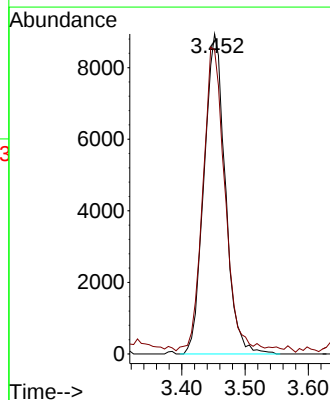
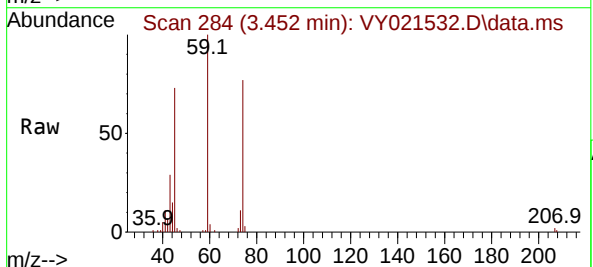
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

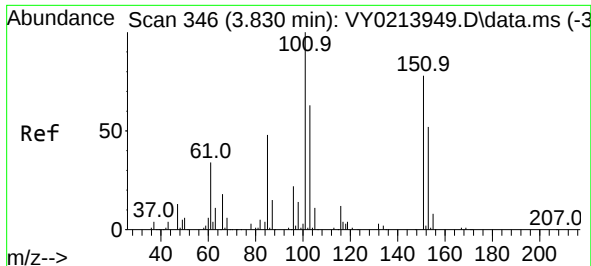
Tgt Ion:101 Resp: 81678
Ion Ratio Lower Upper
101 100
103 67.2 51.7 77.5



#8
Diethyl Ether
Concen: 19.450 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 74 Resp: 20910
Ion Ratio Lower Upper
74 100
45 97.7 49.7 149.1

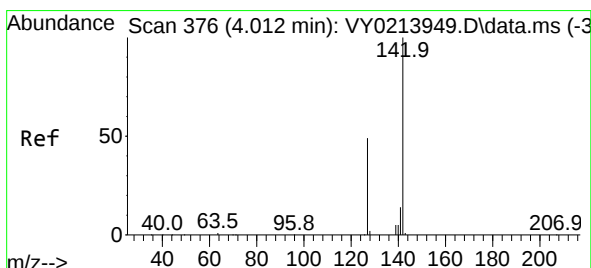
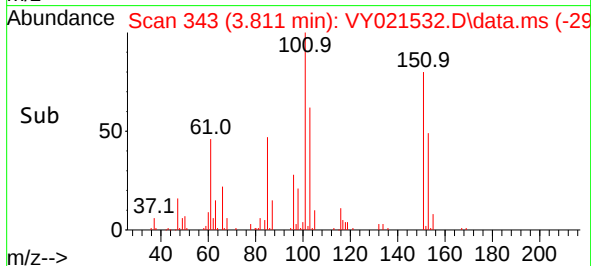
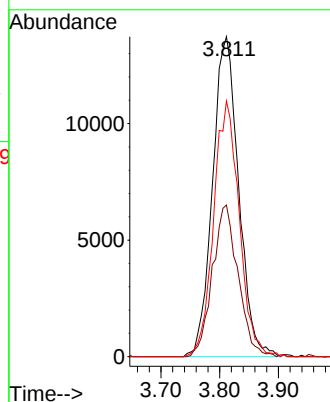
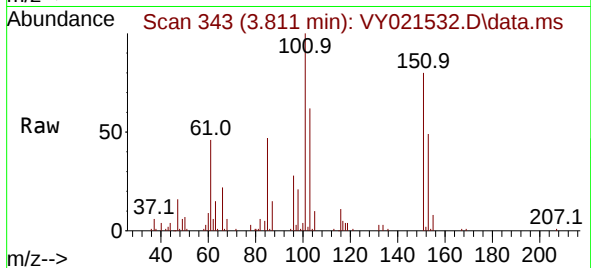




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.104 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

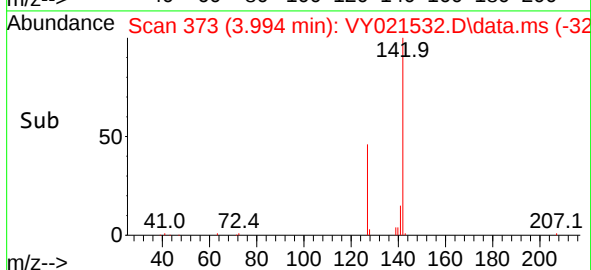
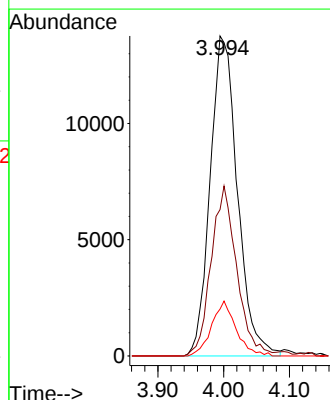
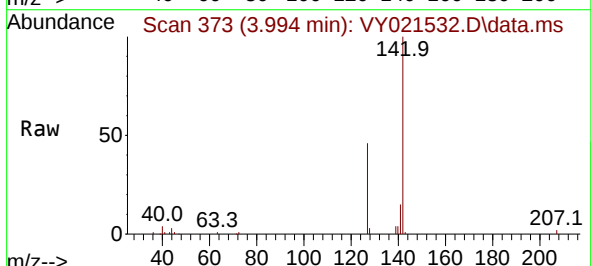
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

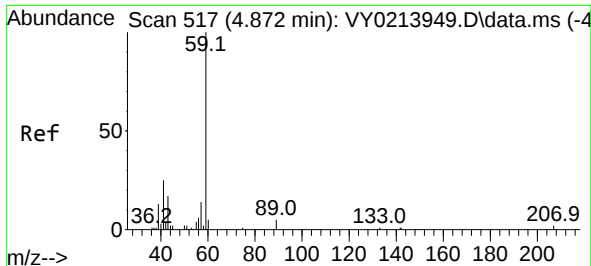
Tgt Ion:101 Resp: 42312
Ion Ratio Lower Upper
101 100
85 46.6 37.1 55.7
151 78.5 62.1 93.1



#10
Methyl Iodide
Concen: 17.660 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:142 Resp: 39761
Ion Ratio Lower Upper
142 100
127 49.9 39.1 58.7
141 15.4 11.8 17.6

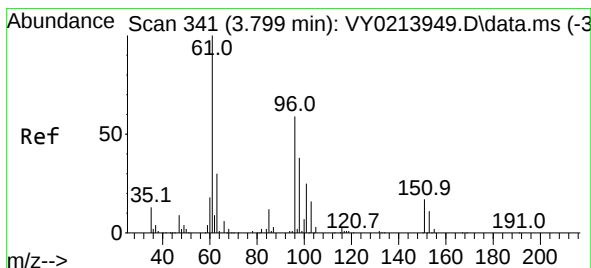
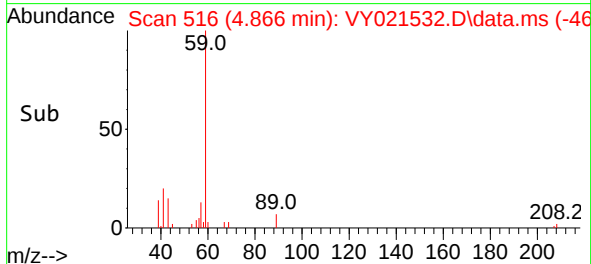
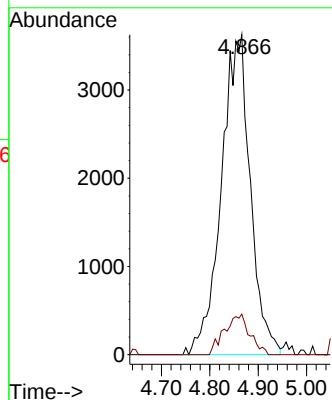
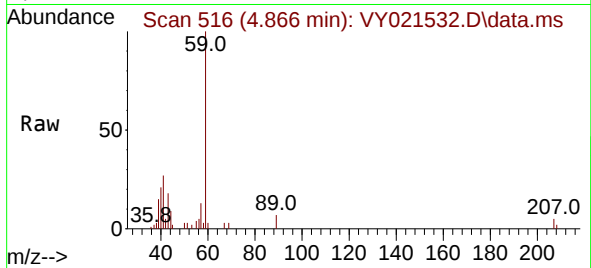




#11
Tert butyl alcohol
Concen: 98.230 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

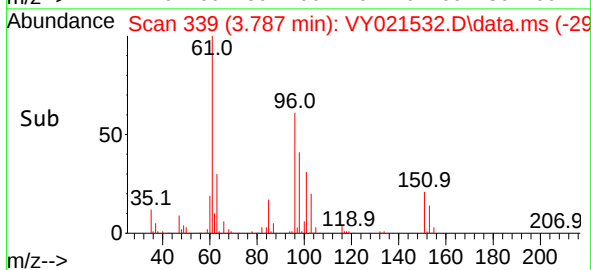
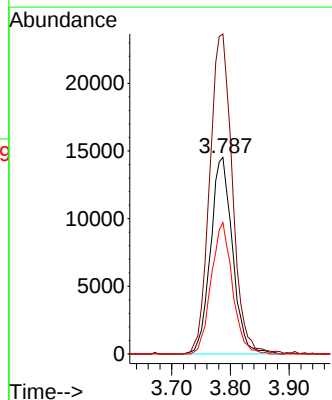
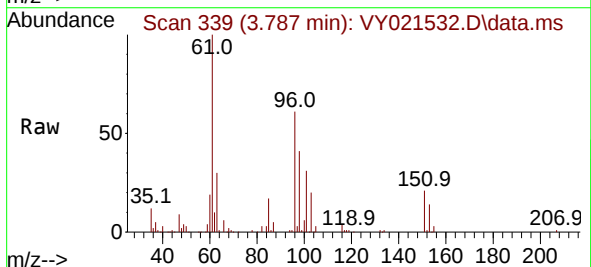
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

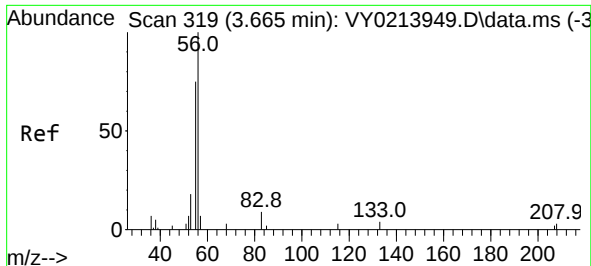
Tgt Ion: 59 Resp: 15118
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.693 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 96 Resp: 37746
Ion Ratio Lower Upper
96 100
61 162.9 135.2 202.8
98 66.9 51.4 77.2

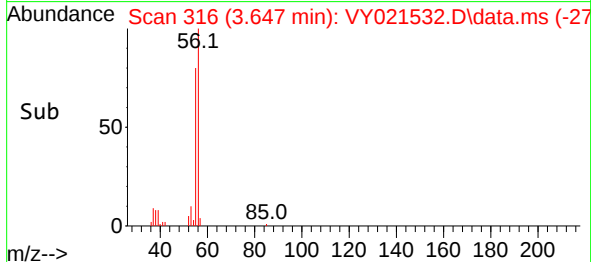
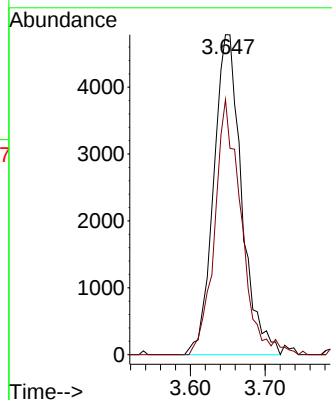
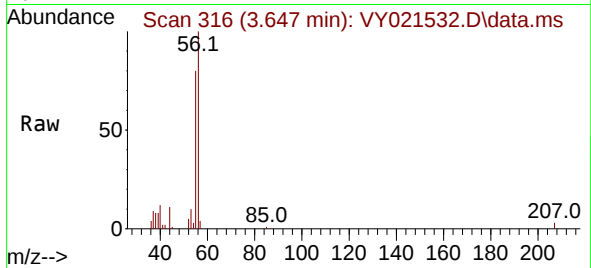




#13
Acrolein
Concen: 117.835 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

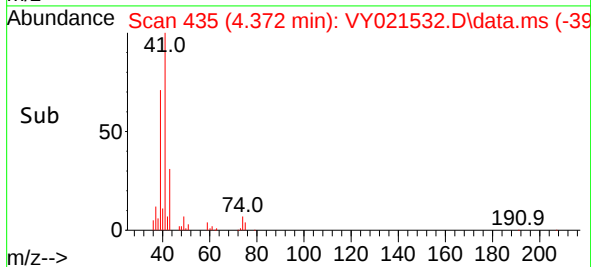
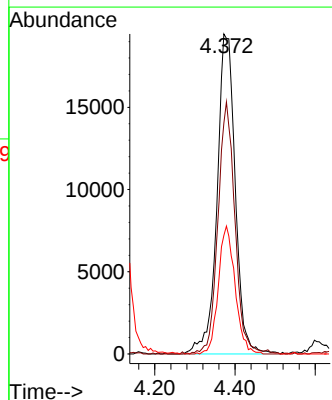
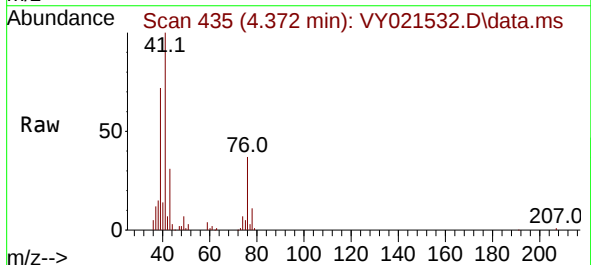
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

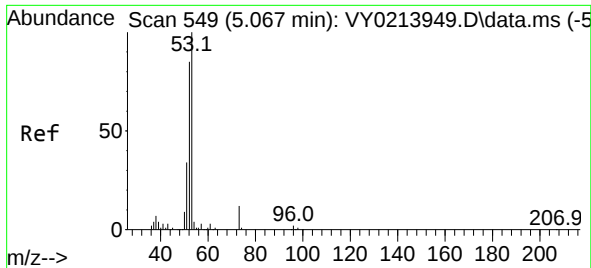
Tgt Ion: 56 Resp: 12453
Ion Ratio Lower Upper
56 100
55 76.0 63.4 95.2



#14
Allyl chloride
Concen: 18.839 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.024 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 41 Resp: 61477
Ion Ratio Lower Upper
41 100
39 72.9 59.3 88.9
76 36.7 29.8 44.8

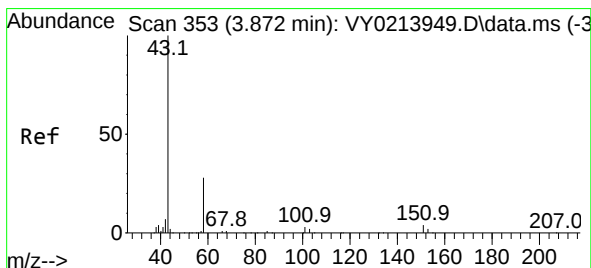
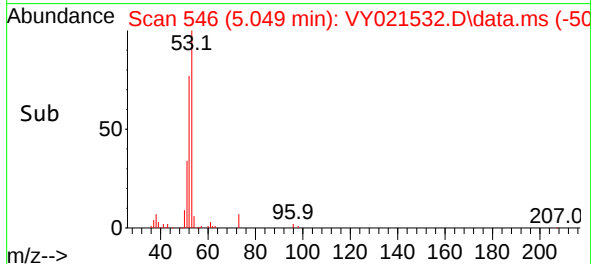
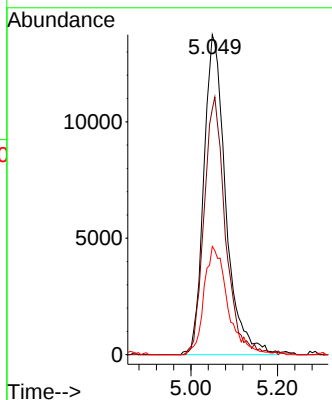
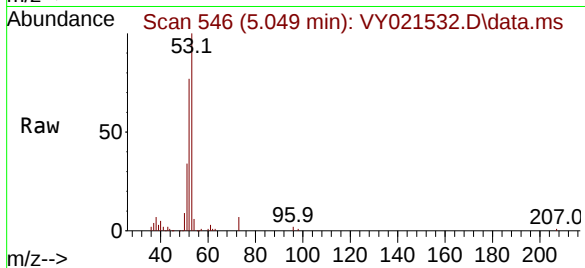




#15
Acrylonitrile
Concen: 105.751 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

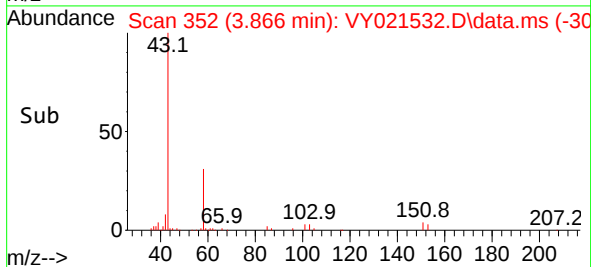
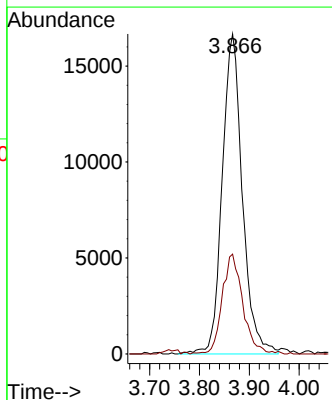
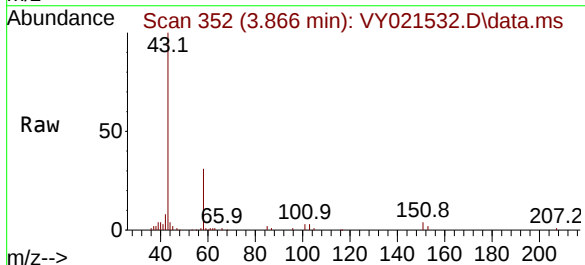
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

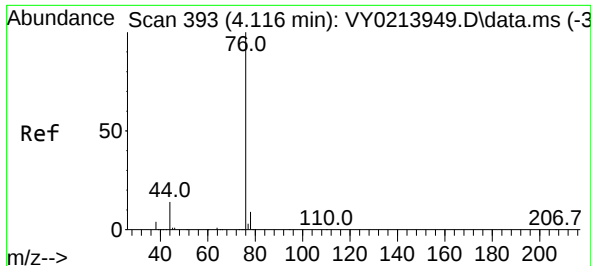
Tgt Ion: 53	Resp: 48397
Ion Ratio	Lower Upper
53 100	
52 78.2	66.3 99.5
51 36.7	30.3 45.5



#16
Acetone
Concen: 103.280 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 43	Resp: 46804
Ion Ratio	Lower Upper
43 100	
58 30.4	22.1 33.1

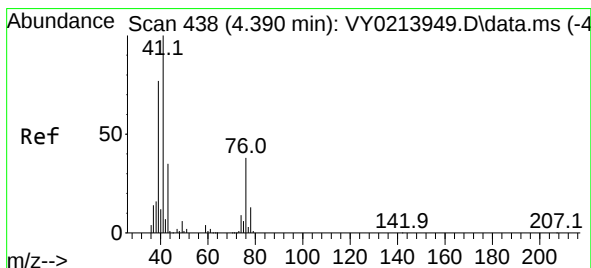
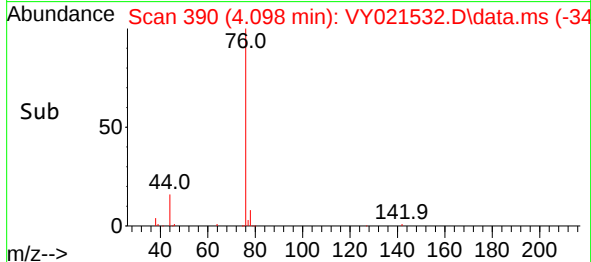
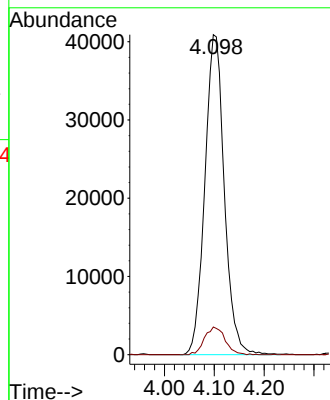
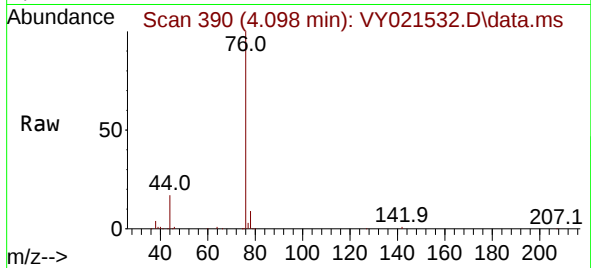




#17
Carbon Disulfide
Concen: 17.536 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.018 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

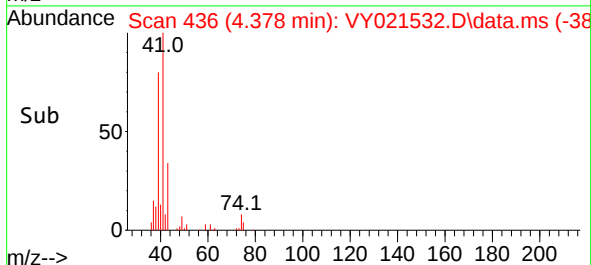
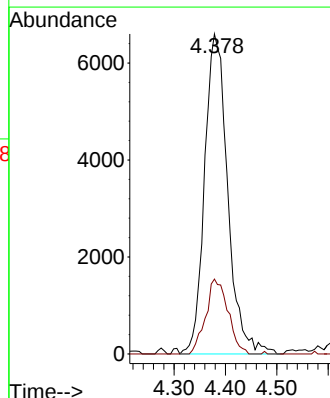
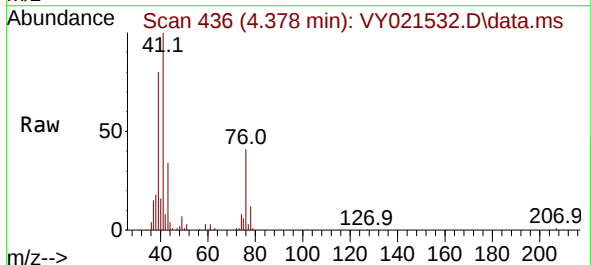
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

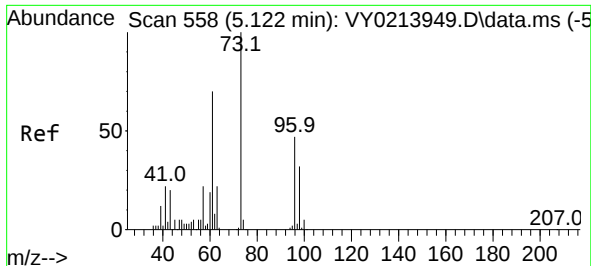
Tgt Ion: 76 Resp: 110973
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 20.530 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.0

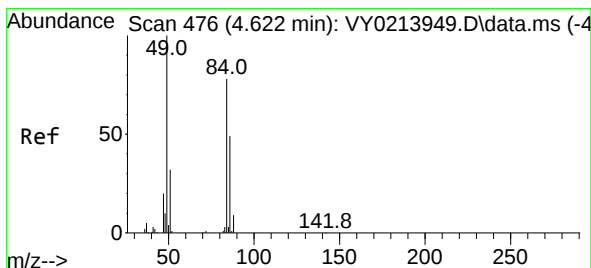
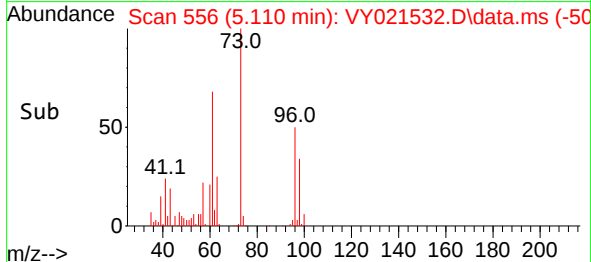
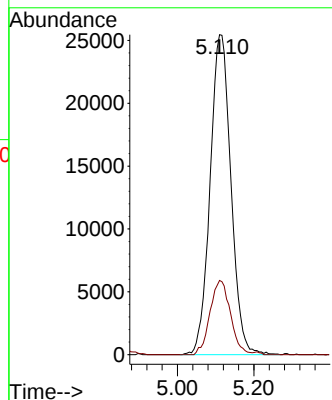
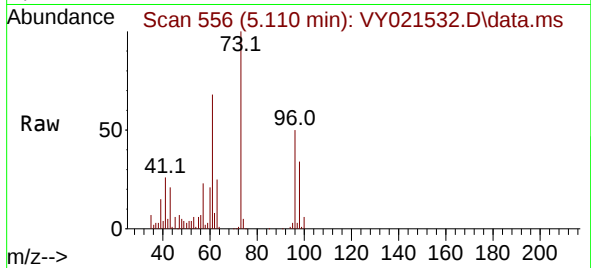




#19
Methyl tert-butyl Ether
Concen: 18.822 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

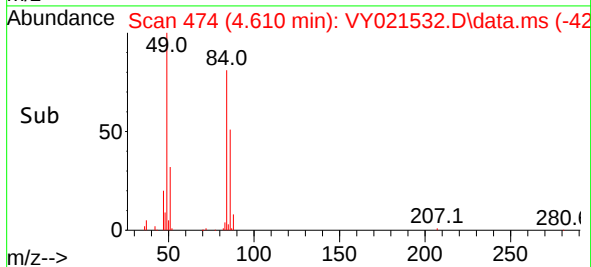
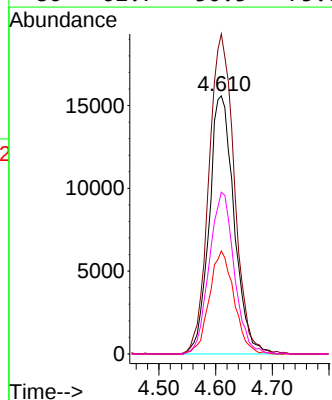
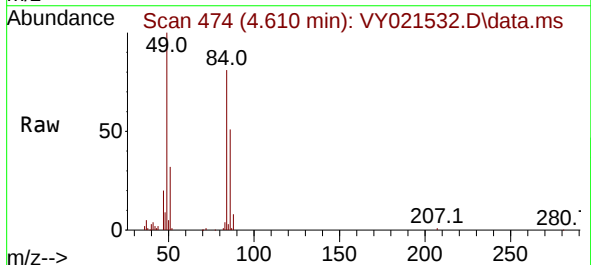
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Tgt Ion: 73 Resp: 96335
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9



#20
Methylene Chloride
Concen: 20.002 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 84 Resp: 47581
Ion Ratio Lower Upper
84 100
49 124.0 102.0 153.0
51 40.0 33.0 49.6
86 62.7 50.5 75.7

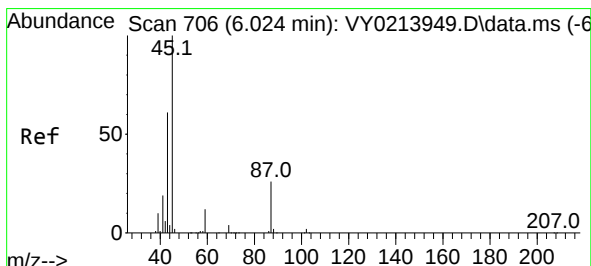
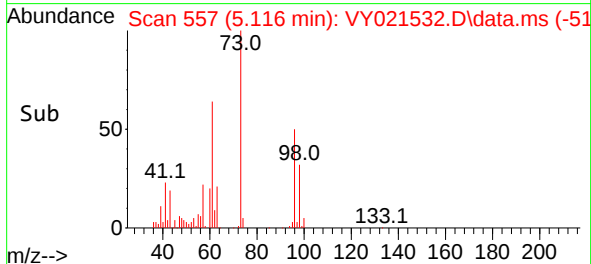
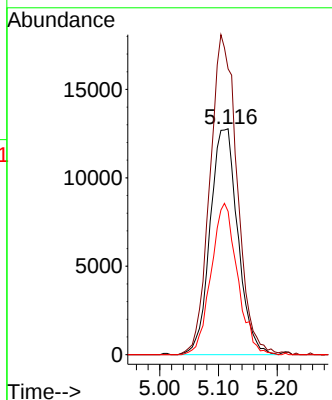
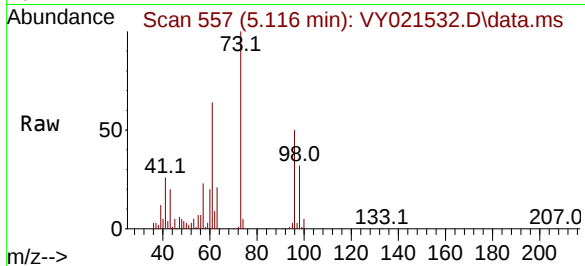




#21
trans-1,2-Dichloroethene
Concen: 18.500 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

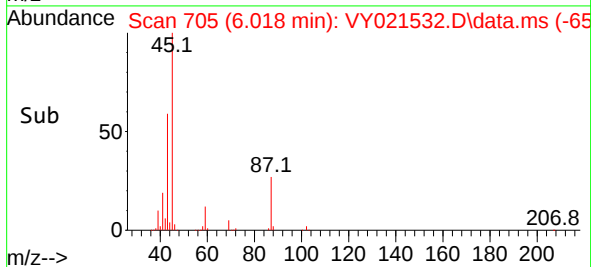
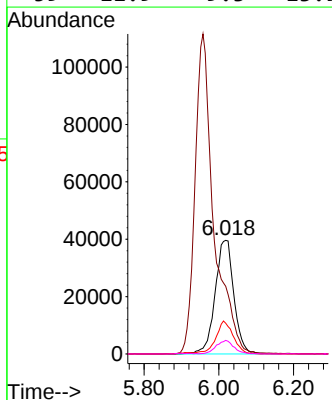
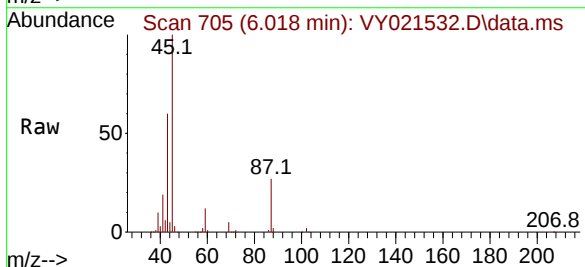
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

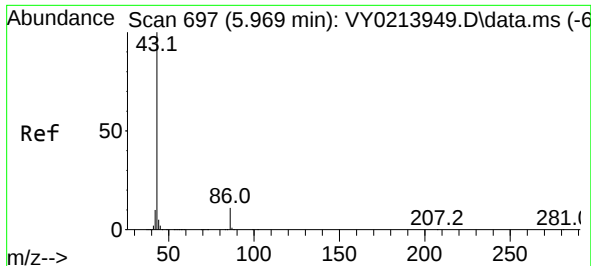
Tgt Ion: 96 Resp: 41838
Ion Ratio Lower Upper
96 100
61 126.5 111.5 167.3
98 63.4 53.8 80.8



#22
Diisopropyl ether
Concen: 19.663 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 45 Resp: 138288
Ion Ratio Lower Upper
45 100
43 59.2 48.7 73.1
87 27.1 21.5 32.3
59 11.9 9.3 13.9

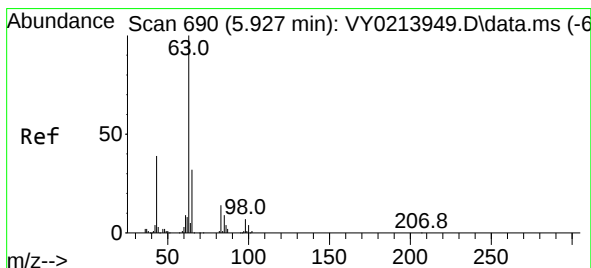
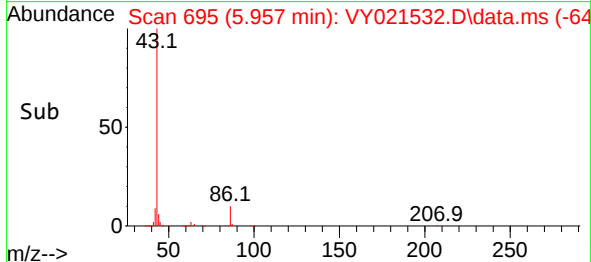
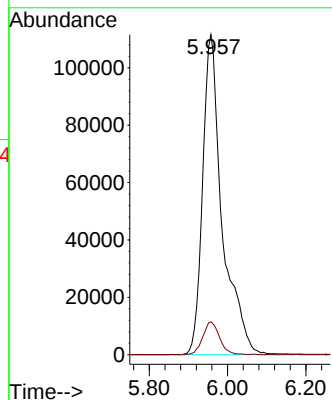
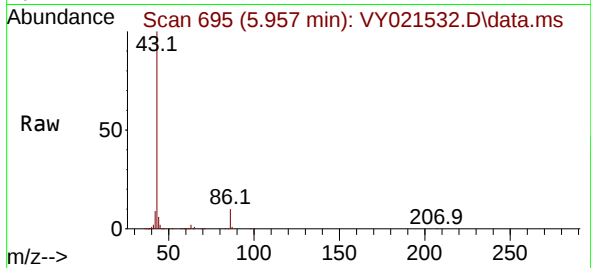




#23
 Vinyl Acetate
 Concen: 96.722 ug/l
 RT: 5.957 min Scan# 691
 Delta R.T. -0.012 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

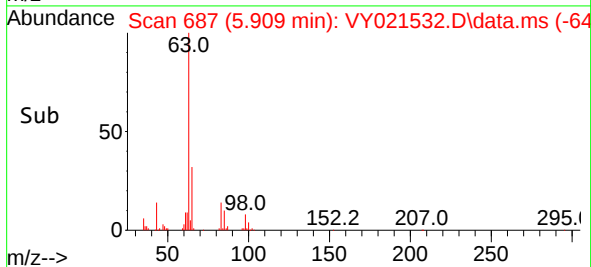
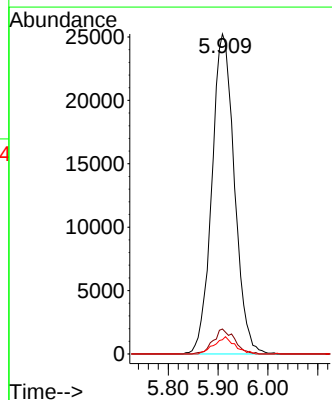
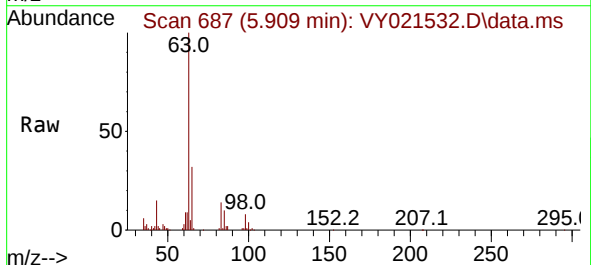
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

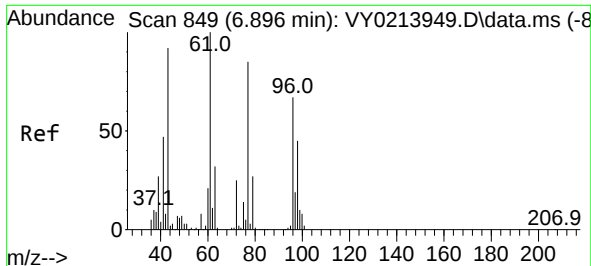
Tgt Ion: 43 Resp: 388205
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.092 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 63 Resp: 79245
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 100.709 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

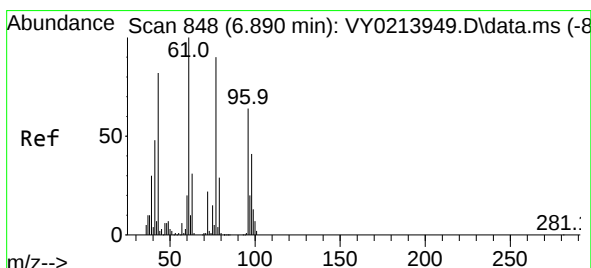
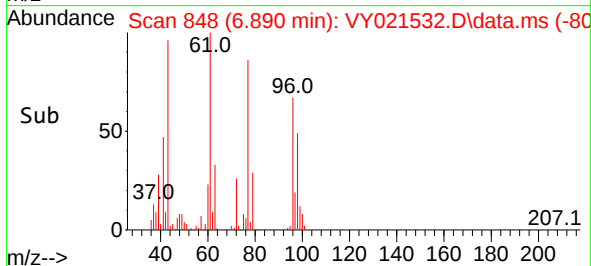
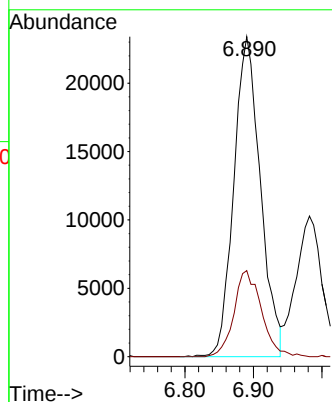
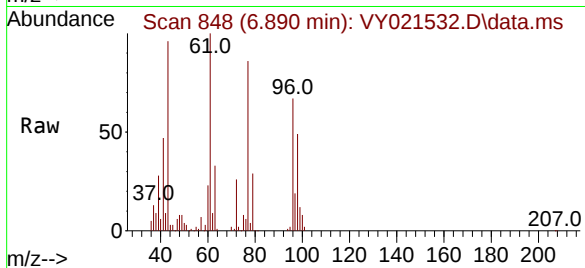
VY0314SBS01

Tgt Ion: 43 Resp: 63132

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 18.430 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY021532.D

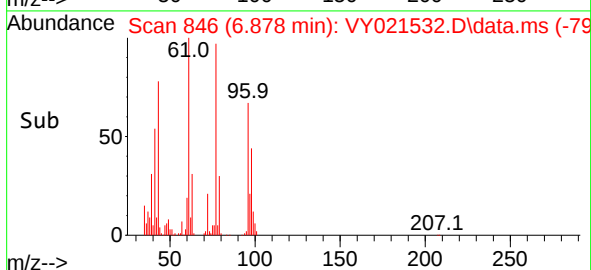
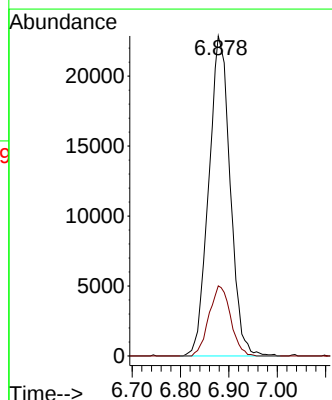
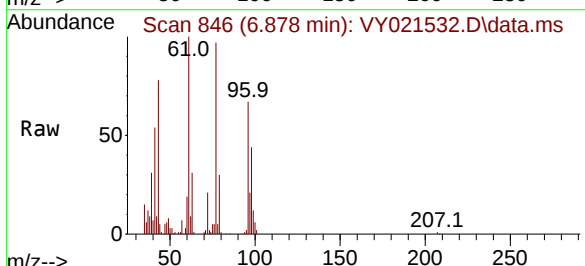
Acq: 14 Mar 2025 11:51

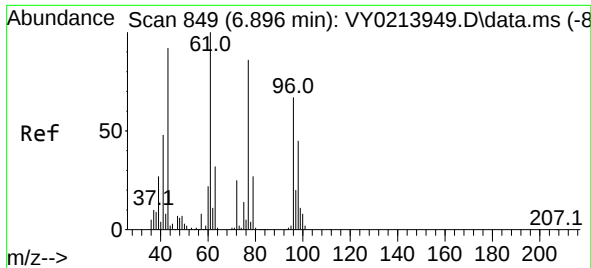
Tgt Ion: 77 Resp: 70387

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8

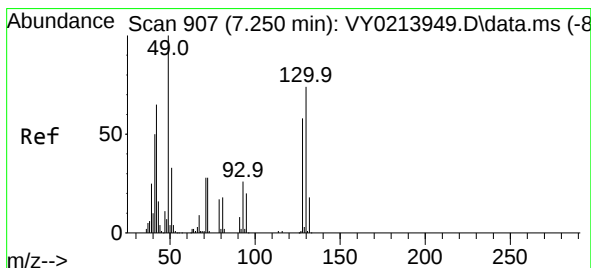
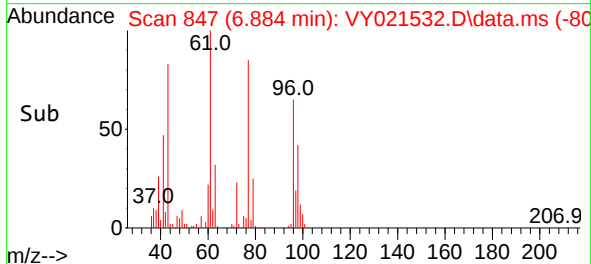
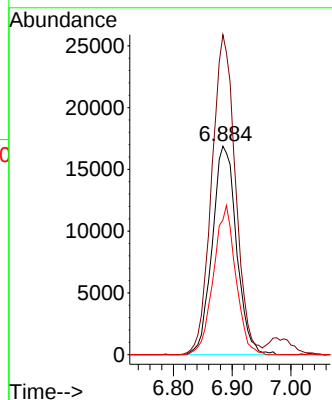
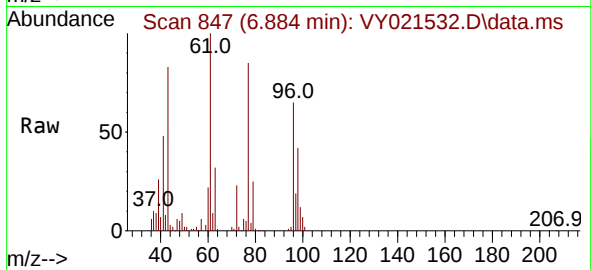




#27
 cis-1,2-Dichloroethene
 Concen: 18.885 ug/l
 RT: 6.884 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

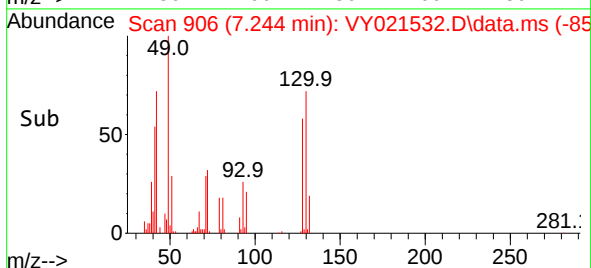
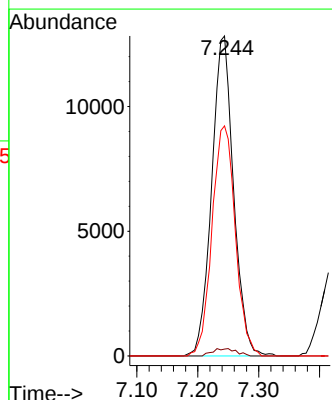
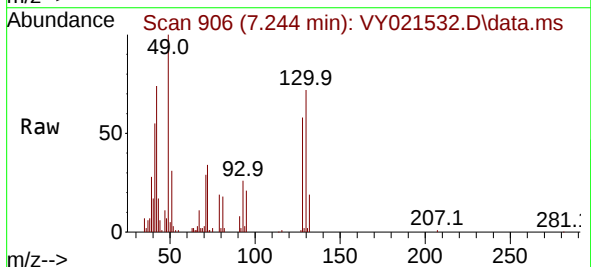
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

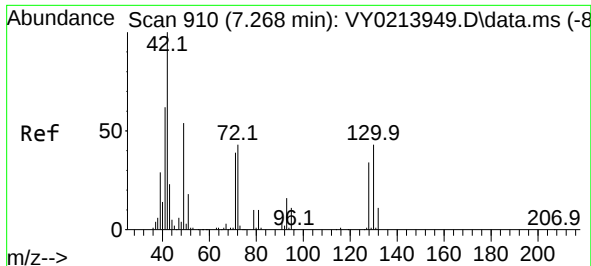
Tgt Ion: 96 Resp: 48517
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 300.8
 98 65.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 18.432 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 49 Resp: 32074
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 76.3 59.6 89.4

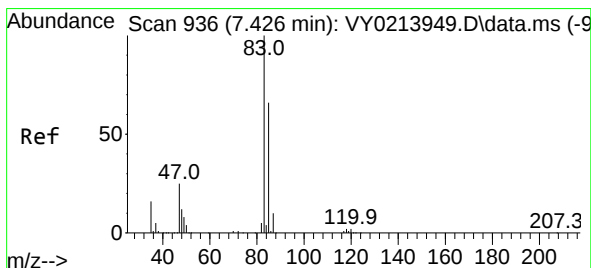
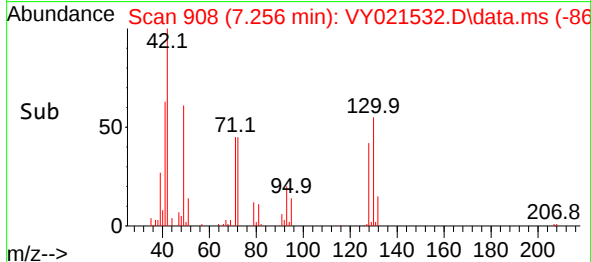
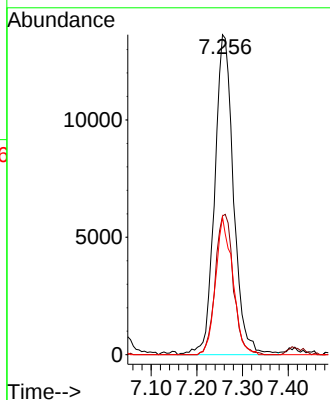
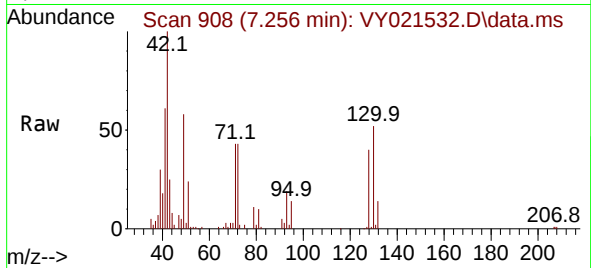




#29
Tetrahydrofuran
Concen: 101.072 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

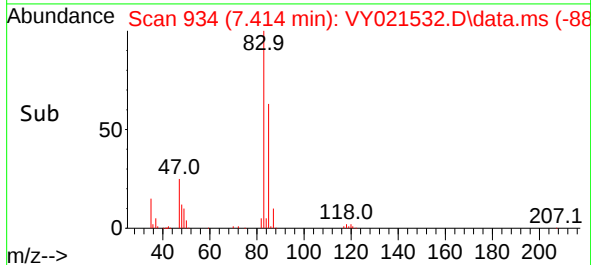
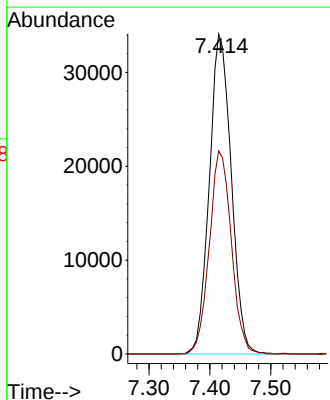
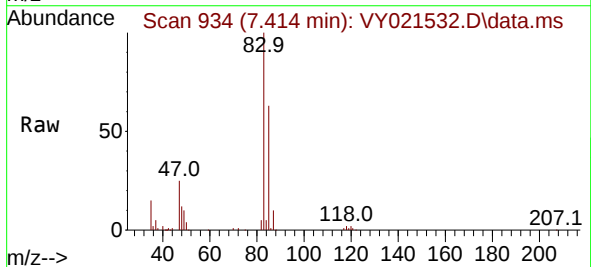
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

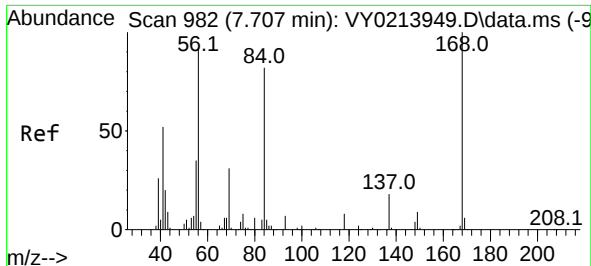
Tgt Ion:	42	Resp:	39115
Ion Ratio	Lower	Upper	
42	100		
72	42.1	34.8	52.2
71	39.2	32.6	48.8



#30
Chloroform
Concen: 19.789 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.012 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:	83	Resp:	85292
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.1	79.7





#31

Cyclohexane

Concen: 17.382 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

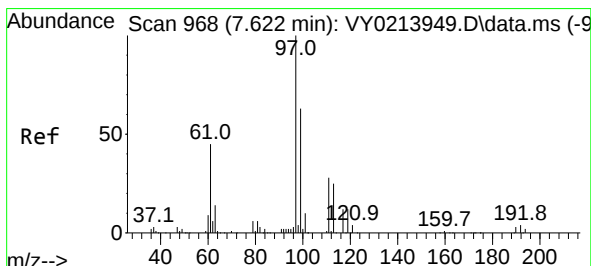
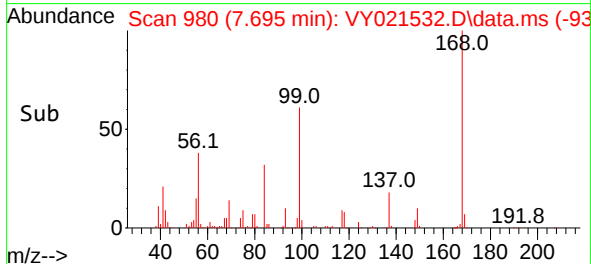
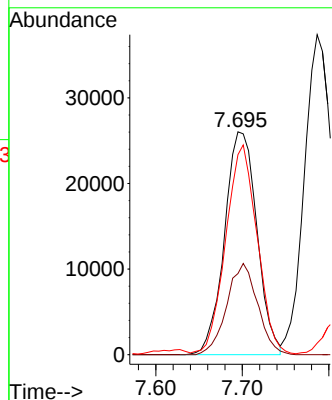
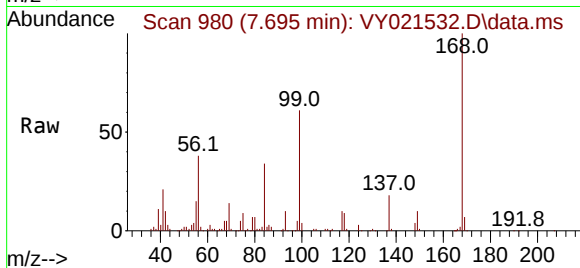
Tgt Ion: 56 Resp: 67639

Ion Ratio Lower Upper

56 100

69 36.4 27.0 40.4

84 87.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.241 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

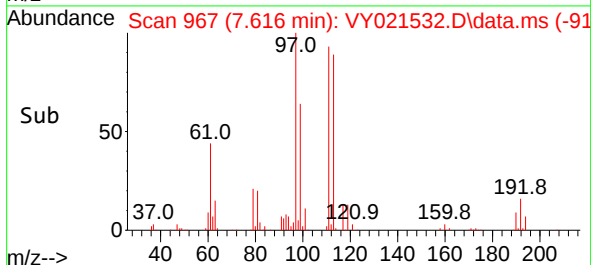
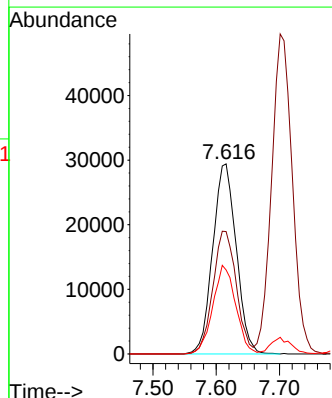
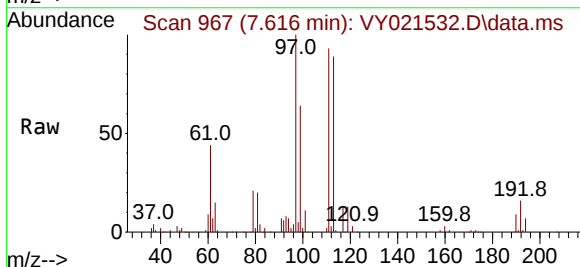
Tgt Ion: 97 Resp: 75935

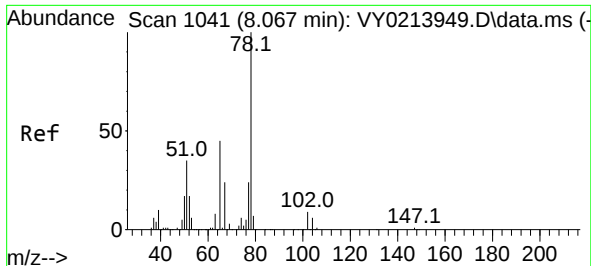
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.551 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

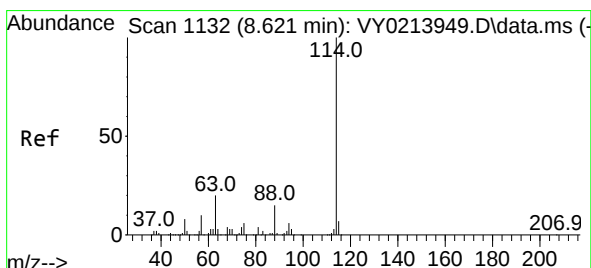
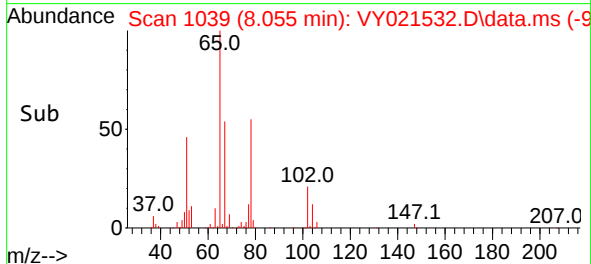
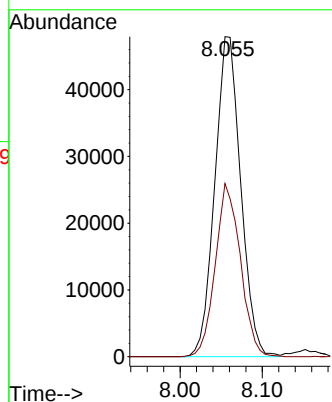
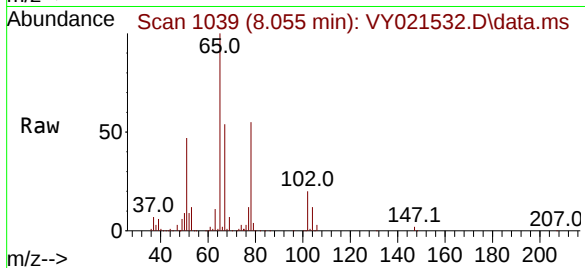
VY0314SBS01

Tgt Ion: 65 Resp: 105031

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

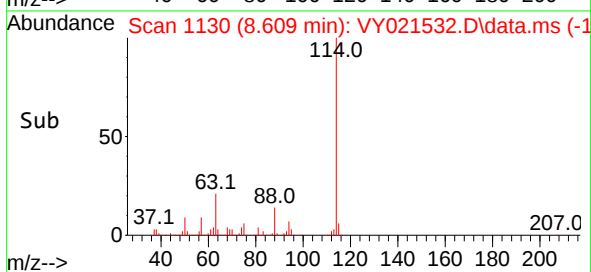
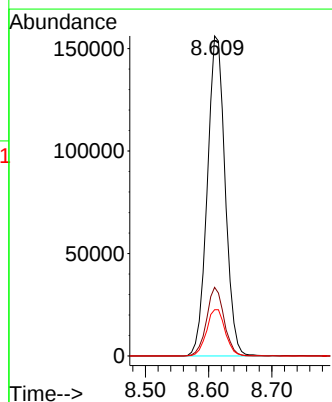
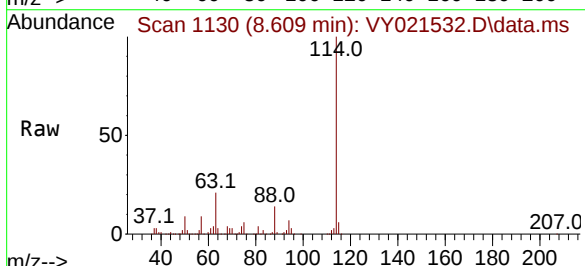
Tgt Ion: 114 Resp: 305463

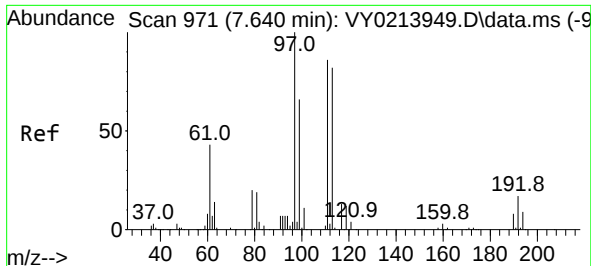
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 14.4 0.0 30.8

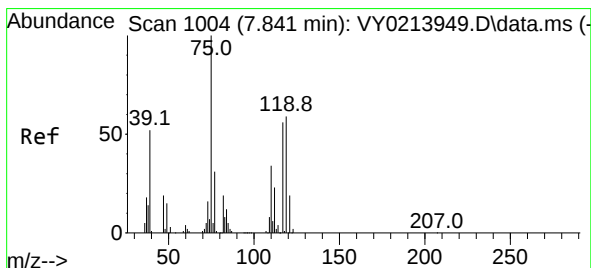
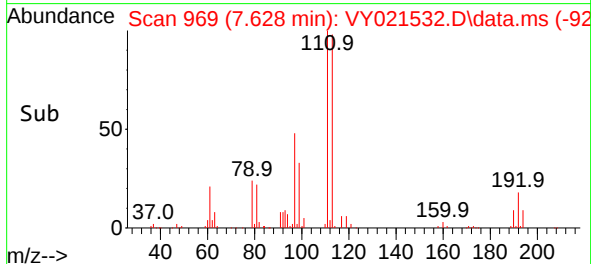
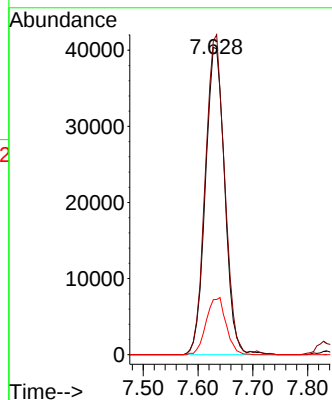
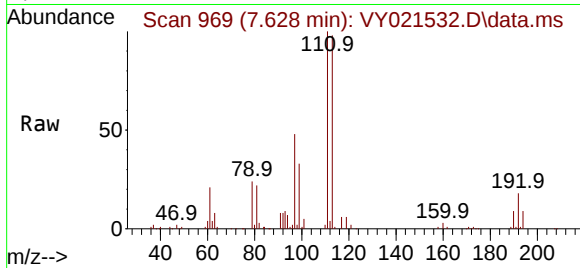




#35
 Dibromofluoromethane
 Concen: 49.113 ug/l
 RT: 7.628 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

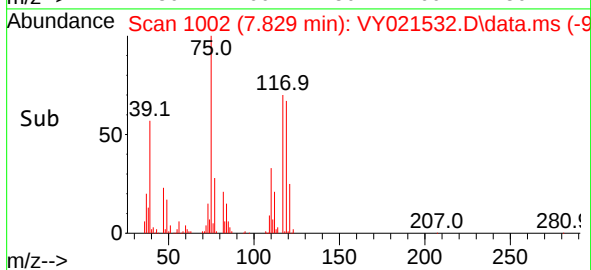
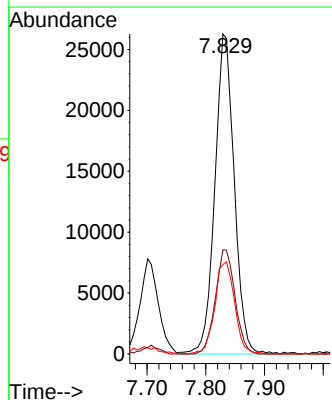
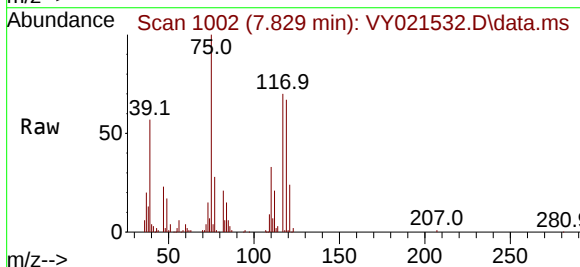
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

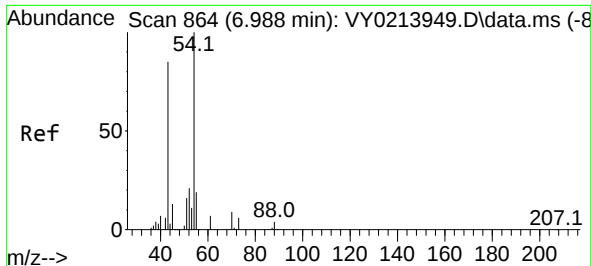
Tgt Ion:113 Resp: 98612
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.0 123.0
 192 19.1 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.161 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.012 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 75 Resp: 60222
 Ion Ratio Lower Upper
 75 100
 110 32.9 17.3 51.7
 77 29.5 25.4 38.2





#37

Ethyl Acetate

Concen: 19.936 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

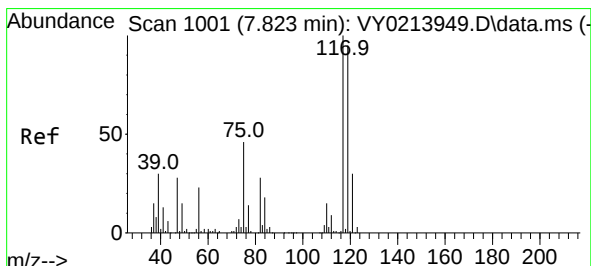
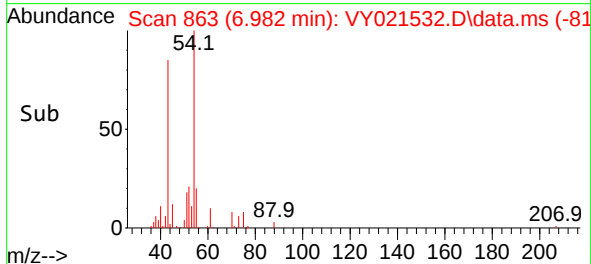
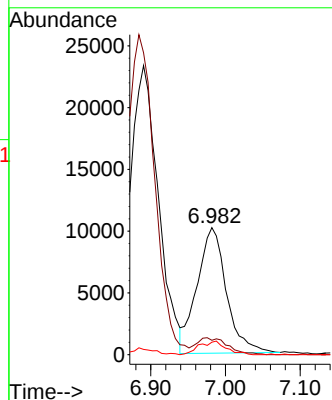
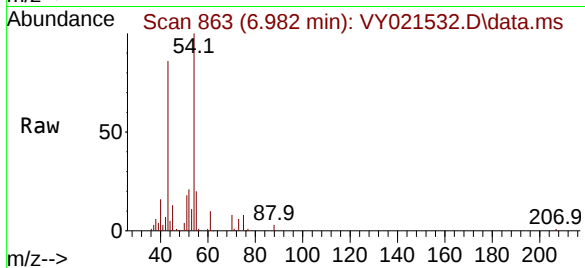
MSVOA_Y

ClientSampleId :

VY0314SBS01

Tgt Ion: 43 Resp: 27694

Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	9.9	8.2	12.2



#38

Carbon Tetrachloride

Concen: 19.016 ug/l

RT: 7.817 min Scan# 1000

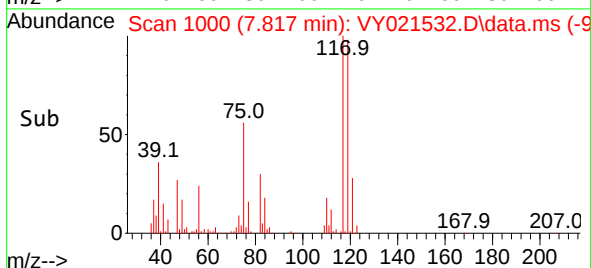
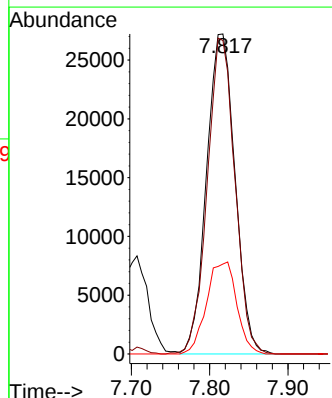
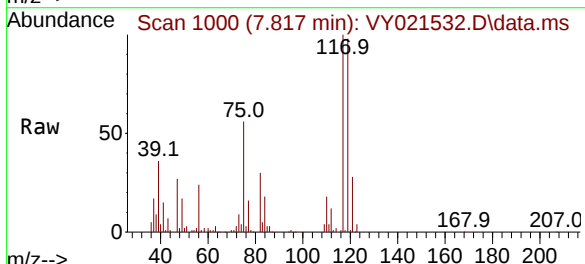
Delta R.T. -0.006 min

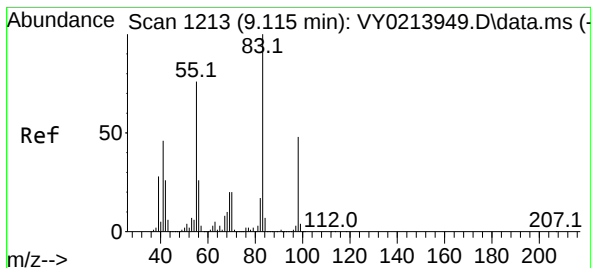
Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Tgt Ion: 117 Resp: 68737

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
121	28.1	23.9	35.9

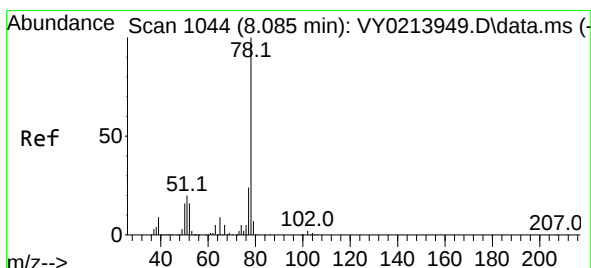
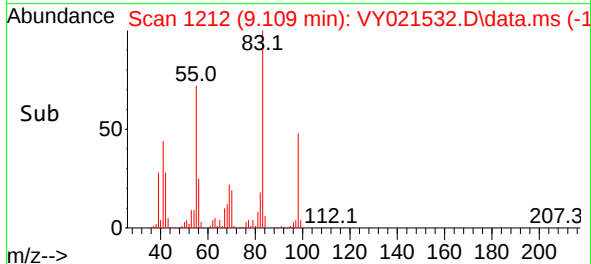
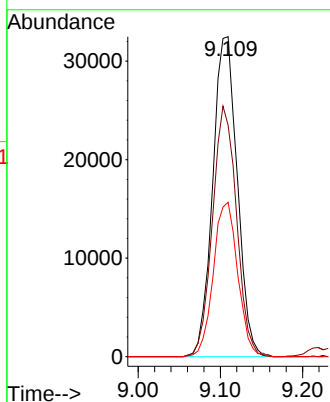
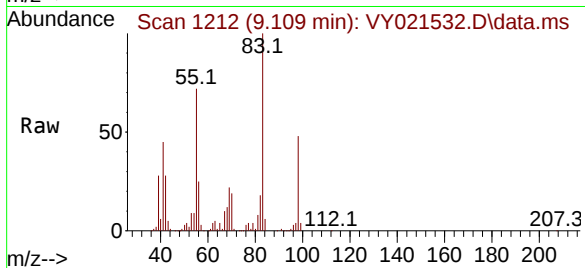




#39
Methylcyclohexane
Concen: 17.469 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

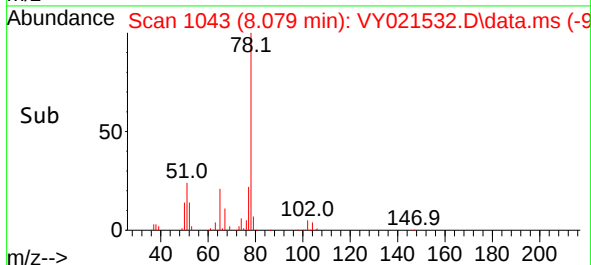
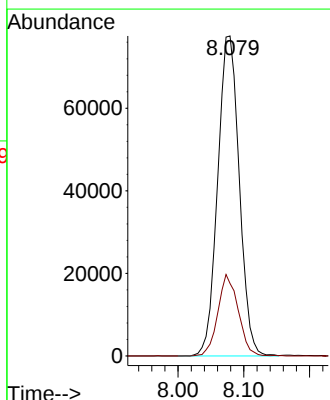
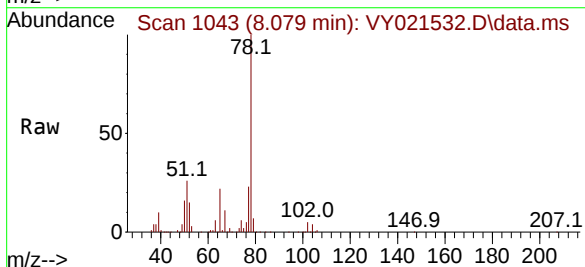
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

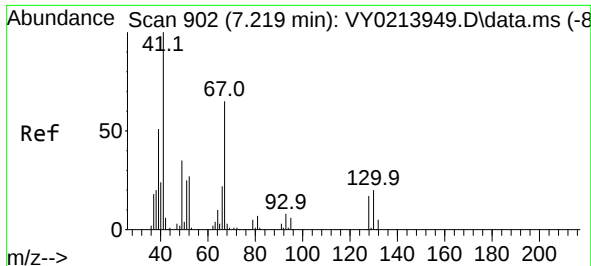
Tgt Ion: 83 Resp: 67344
Ion Ratio Lower Upper
83 100
55 72.3 60.7 91.1
98 48.3 38.6 57.8



#40
Benzene
Concen: 19.126 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 78 Resp: 177072
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

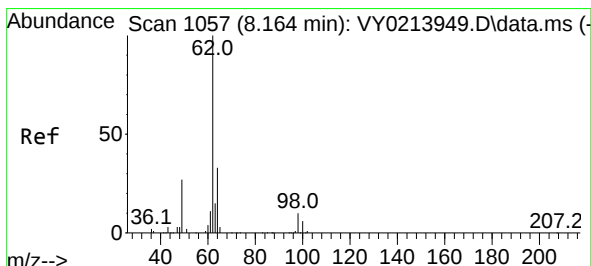
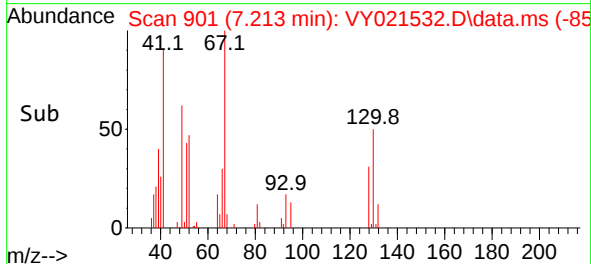
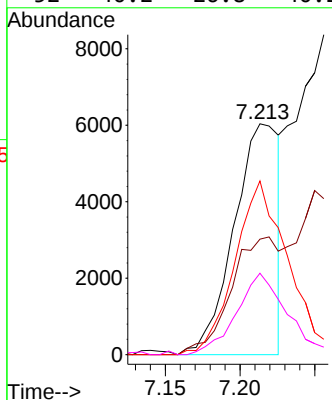
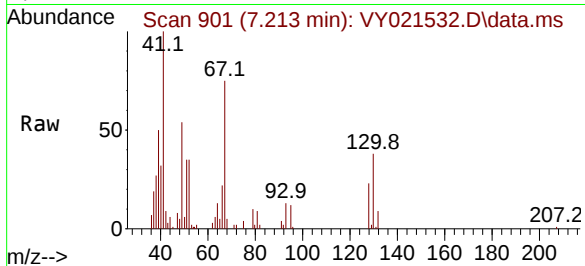




#41
Methacrylonitrile
Concen: 16.789 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

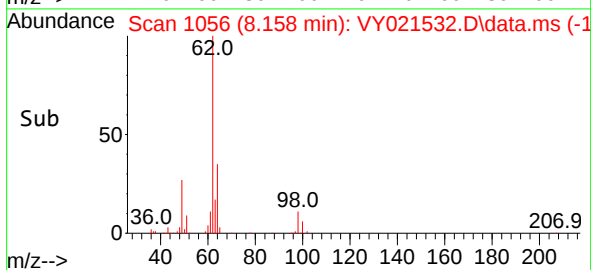
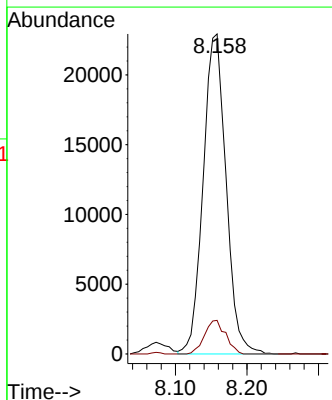
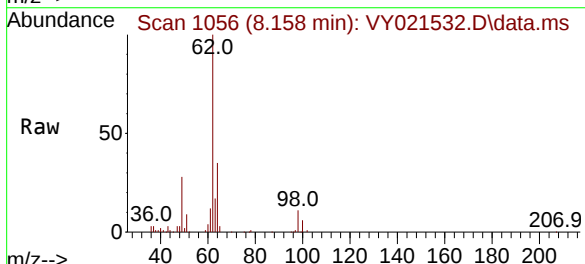
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

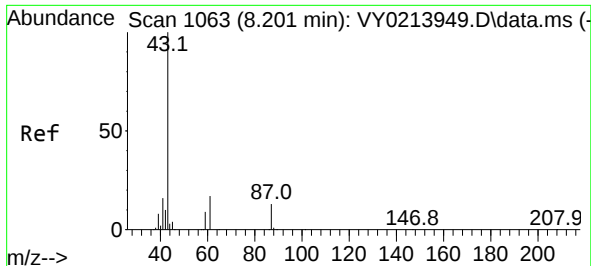
Tgt Ion:	41	Resp:	12699
Ion	Ratio	Lower	Upper
41	100		
39	53.6	35.0	52.6#
67	88.7	61.2	91.8
52	40.2	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 19.725 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:	62	Resp:	51090
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

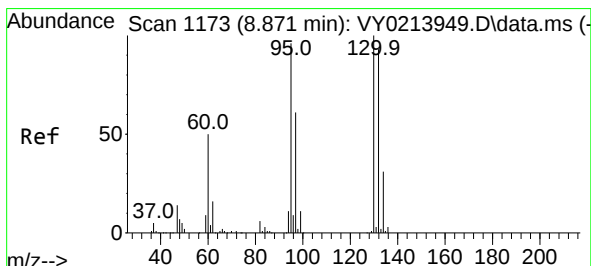
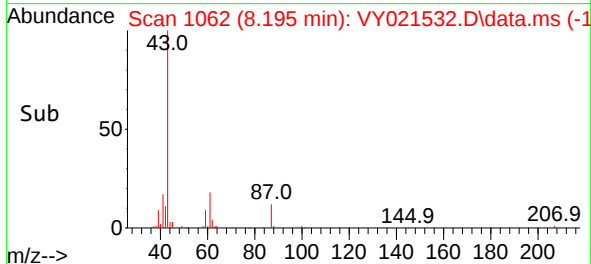
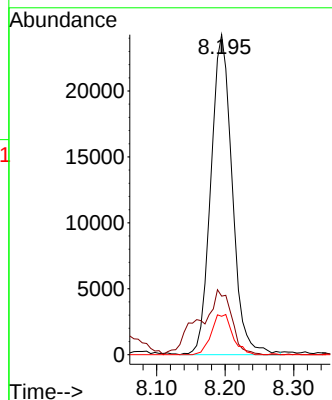
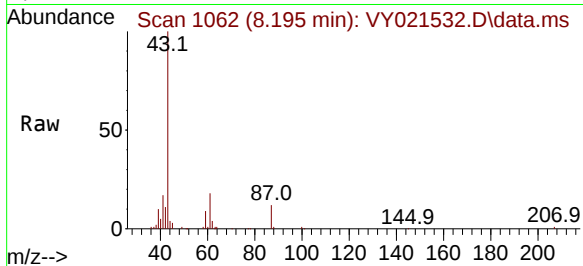




#43
Isopropyl Acetate
Concen: 19.438 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

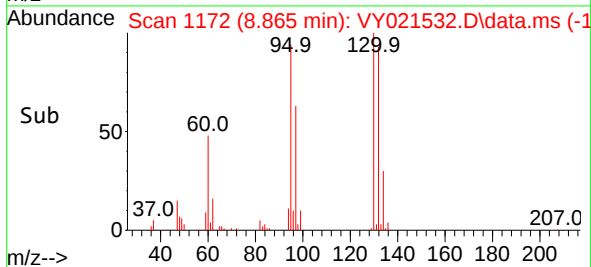
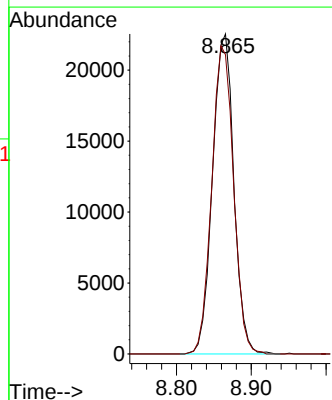
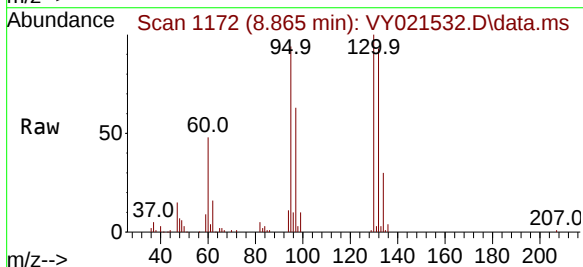
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

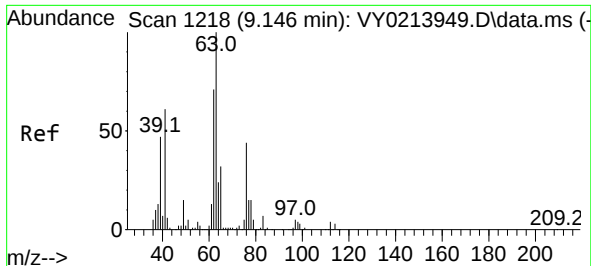
Tgt Ion: 43 Resp: 52418
Ion Ratio Lower Upper
43 100
61 30.4 23.4 35.0
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 19.082 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:130 Resp: 44643
Ion Ratio Lower Upper
130 100
95 93.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.405 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.012 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

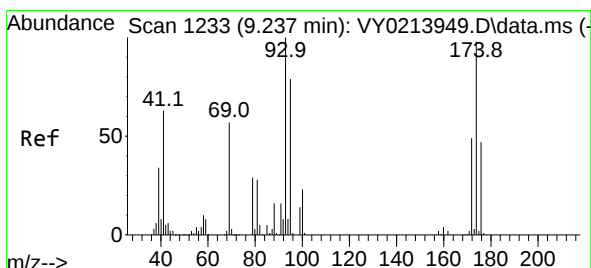
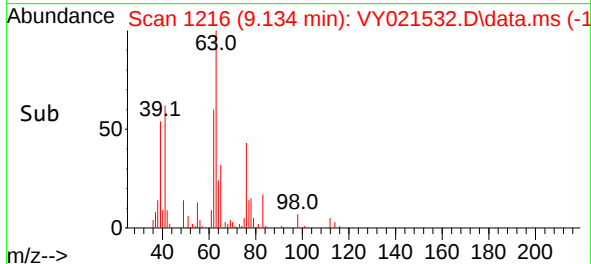
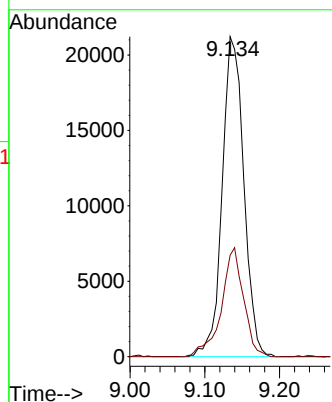
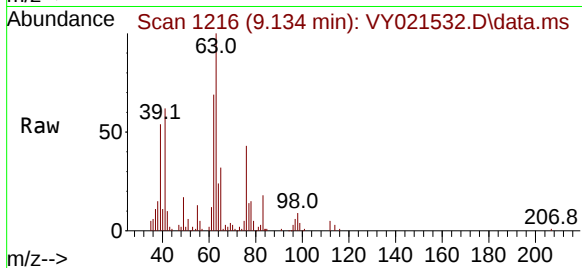
VY0314SBS01

Tgt Ion: 63 Resp: 42758

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 20.412 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

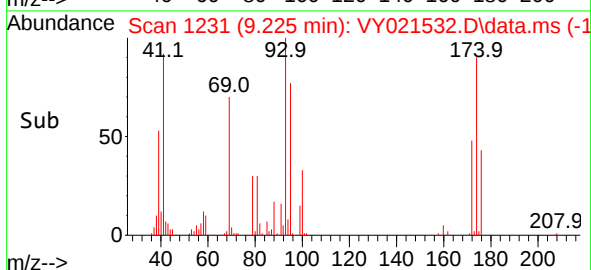
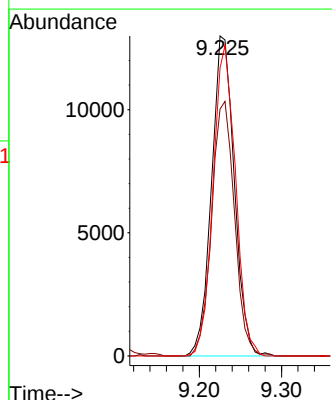
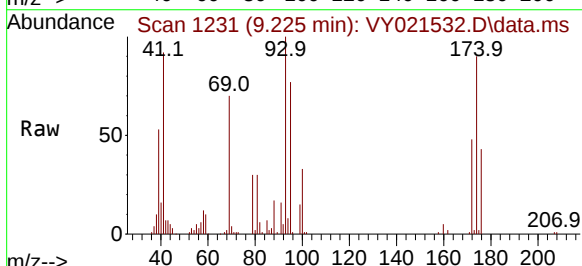
Tgt Ion: 93 Resp: 25026

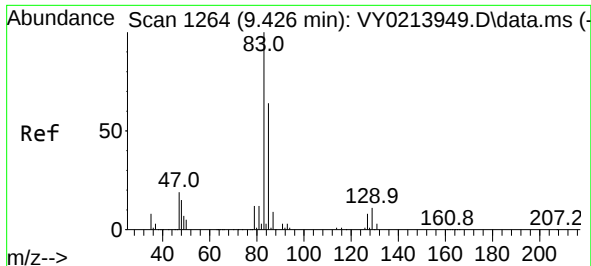
Ion Ratio Lower Upper

93 100

95 79.8 65.8 98.8

174 95.6 77.9 116.9

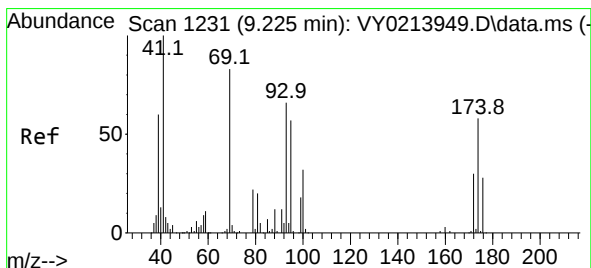
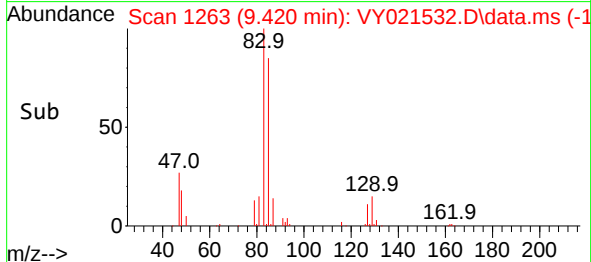
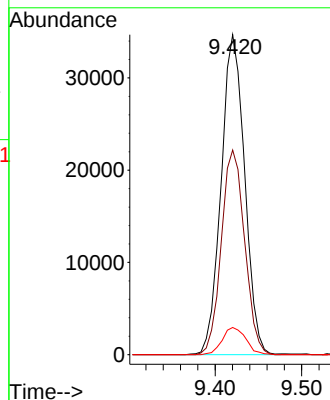
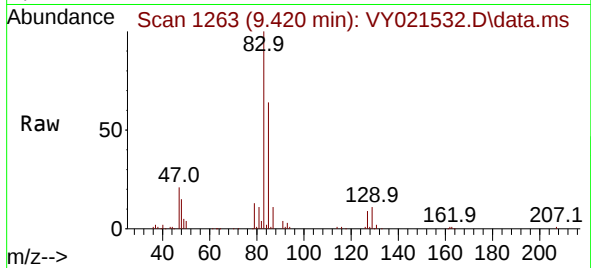




#47
Bromodichloromethane
Concen: 20.087 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

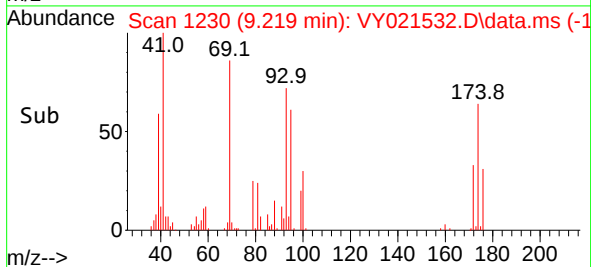
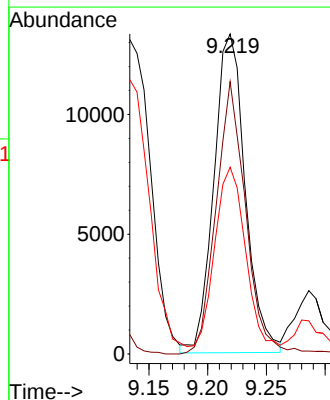
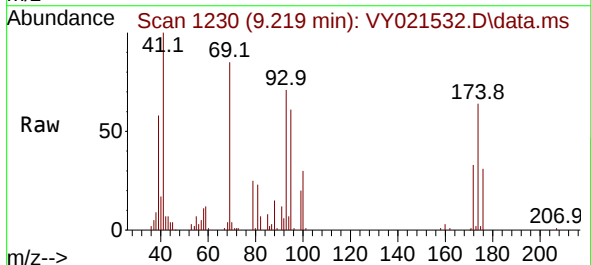
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

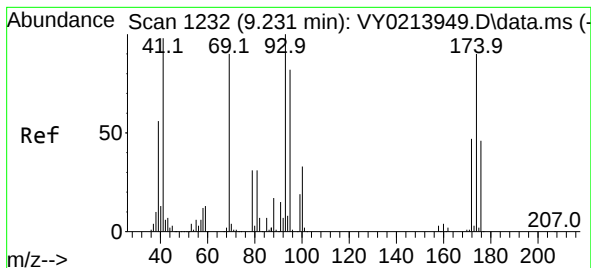
Tgt Ion: 83 Resp: 65402
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 19.969 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 41 Resp: 24727
Ion Ratio Lower Upper
41 100
69 81.1 67.8 101.8
39 58.2 46.4 69.6





#49

1,4-Dioxane

Concen: 447.814 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

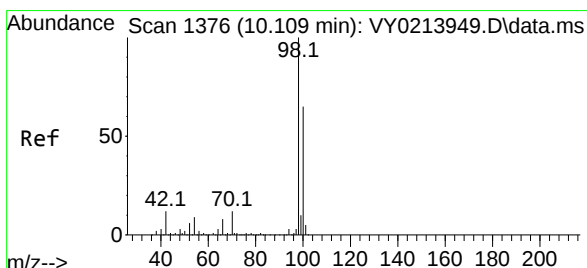
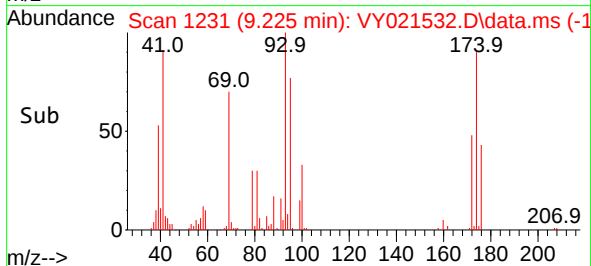
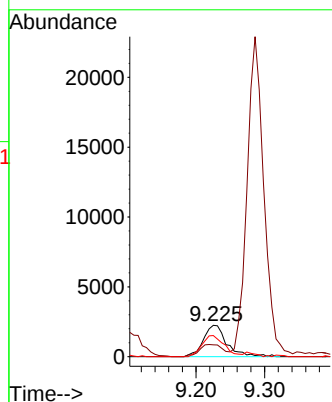
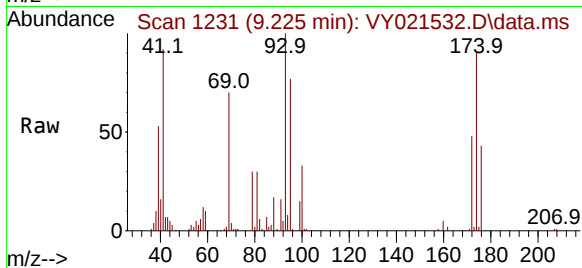
Tgt Ion: 88 Resp: 5389

Ion Ratio Lower Upper

88 100

43 39.7 25.0 37.4#

58 64.1 58.4 87.6



#50

Toluene-d8

Concen: 48.791 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021532.D

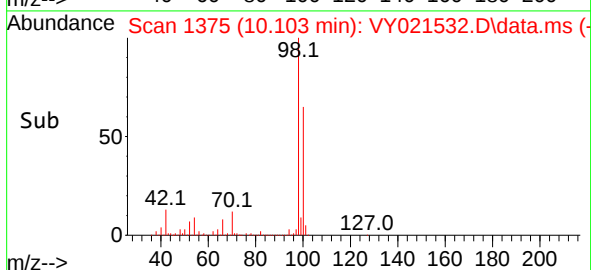
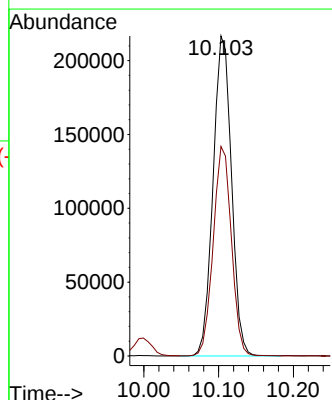
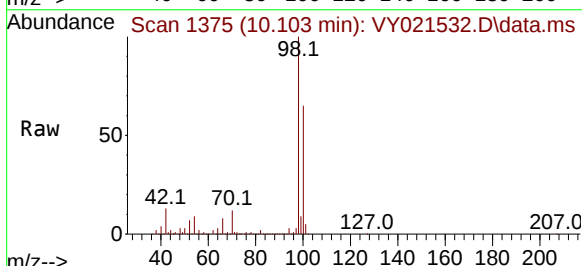
Acq: 14 Mar 2025 11:51

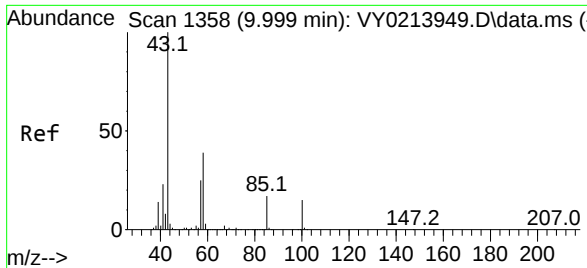
Tgt Ion: 98 Resp: 370924

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

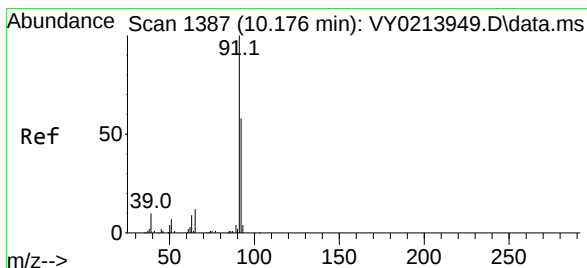
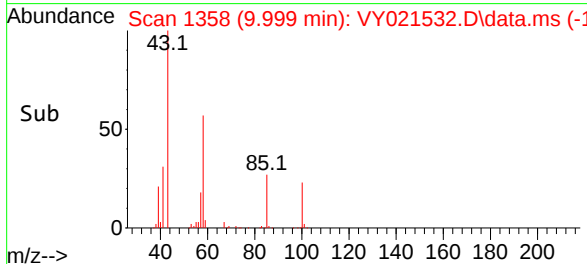
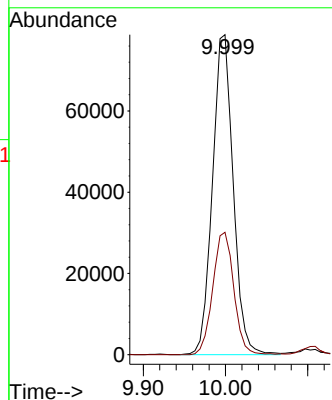
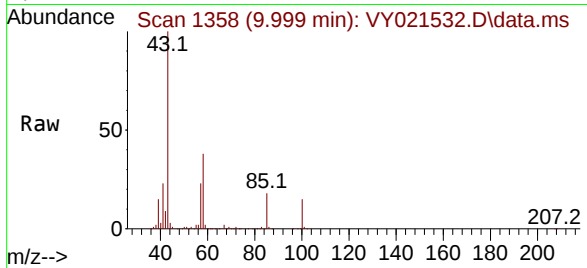




#51
4-Methyl-2-Pentanone
Concen: 99.228 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

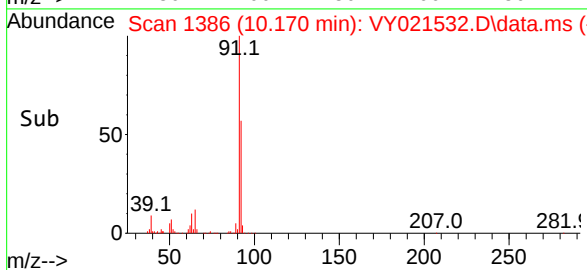
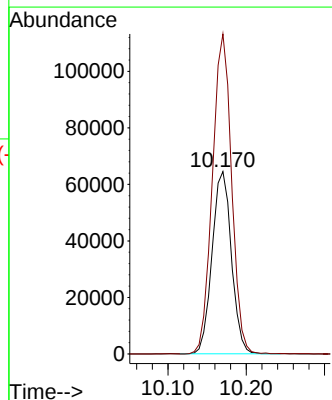
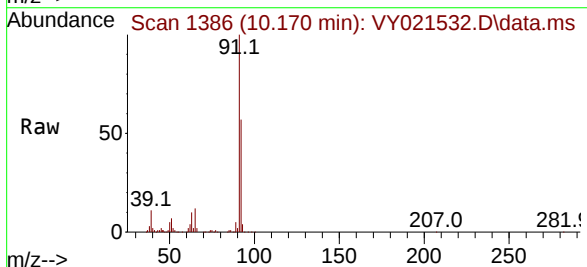
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

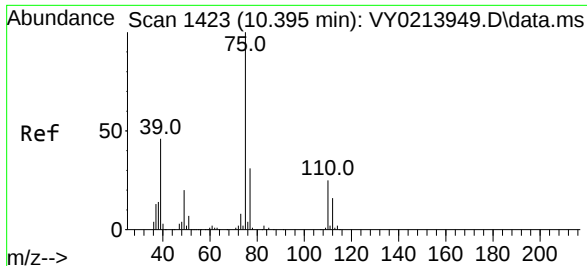
Tgt Ion: 43 Resp: 138064
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 18.916 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 92 Resp: 110414
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.2

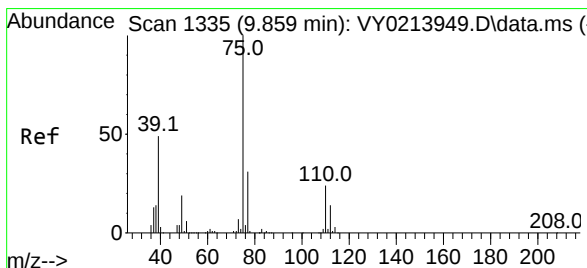
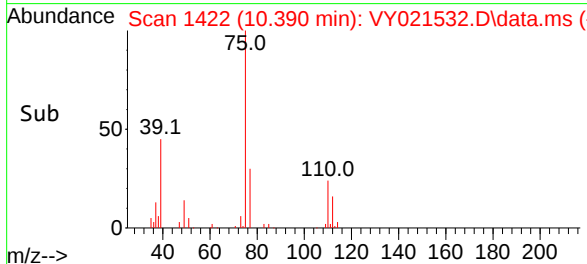
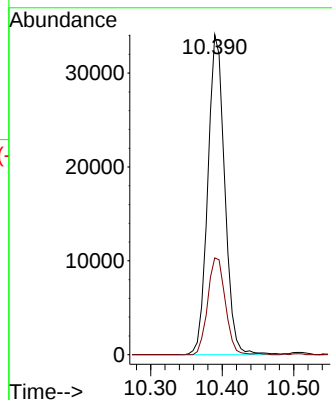
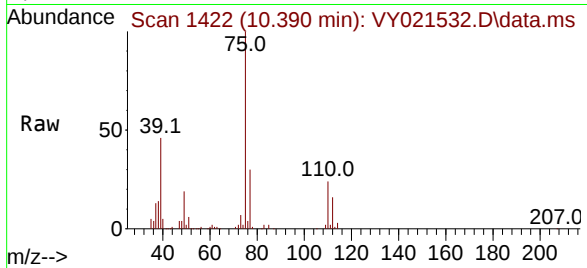




#53
 t-1,3-Dichloropropene
 Concen: 19.505 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

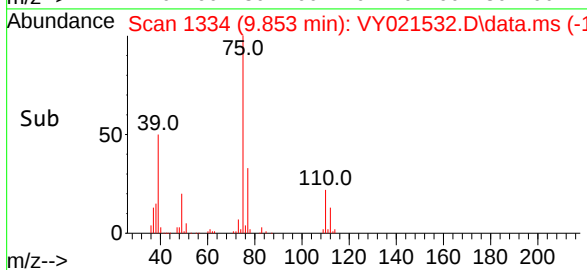
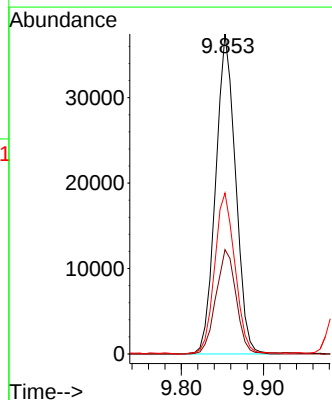
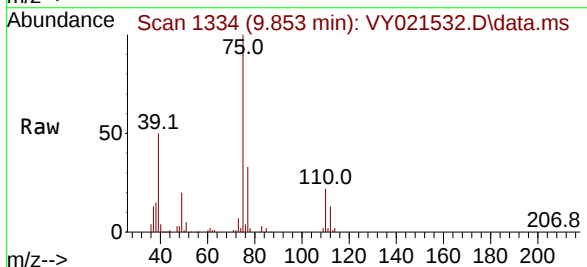
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

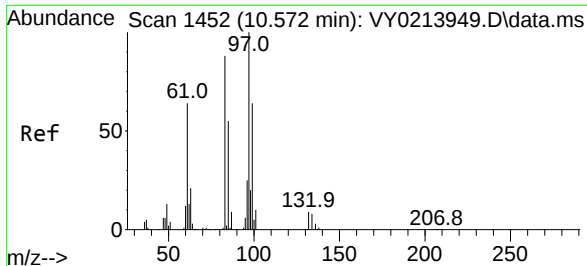
Tgt Ion: 75 Resp: 55951
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.512 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 75 Resp: 63049
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 37.0
 39 50.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 19.859 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

Tgt Ion: 97 Resp: 31849

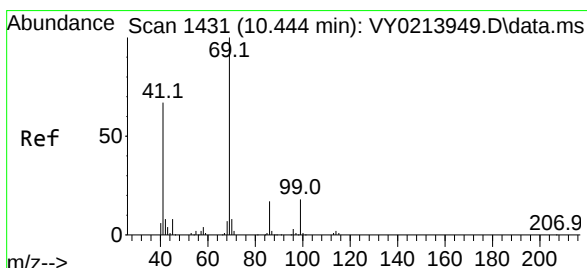
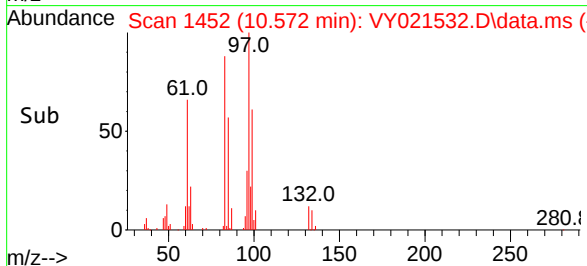
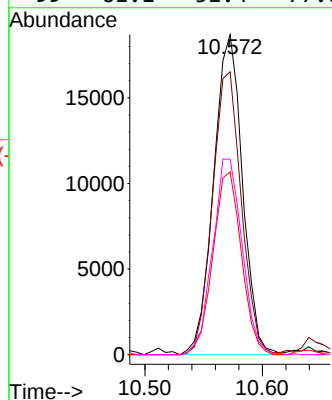
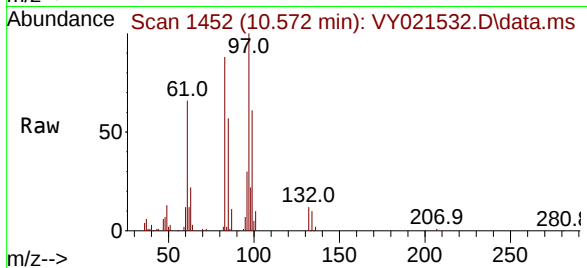
Ion Ratio Lower Upper

97 100

83 88.4 70.0 105.0

85 57.1 44.3 66.5

99 61.1 51.4 77.0



#56

Ethyl methacrylate

Concen: 18.978 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

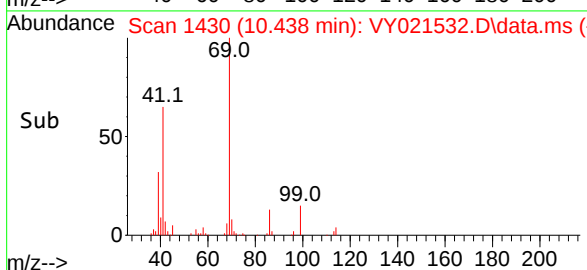
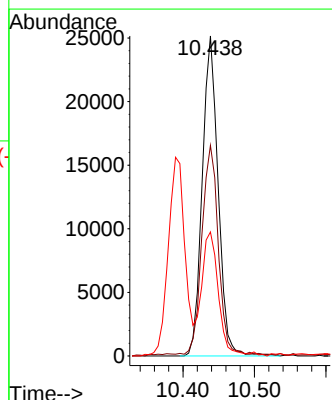
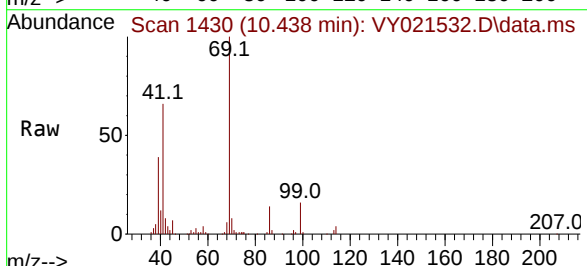
Tgt Ion: 69 Resp: 38817

Ion Ratio Lower Upper

69 100

41 68.4 53.3 79.9

39 39.7 31.0 46.6





#57

1,3-Dichloropropane

Concen: 19.835 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

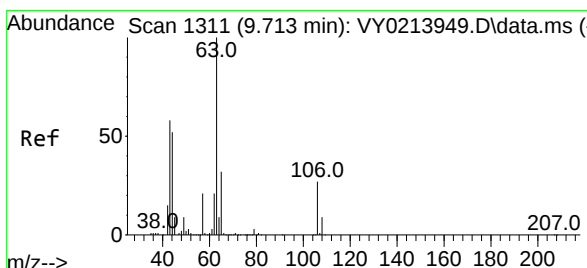
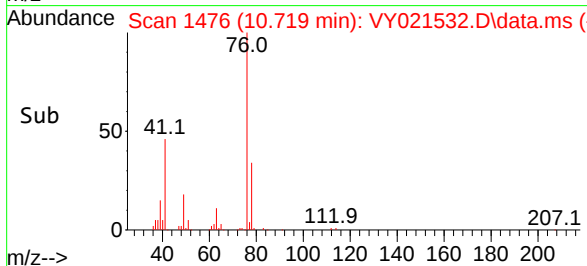
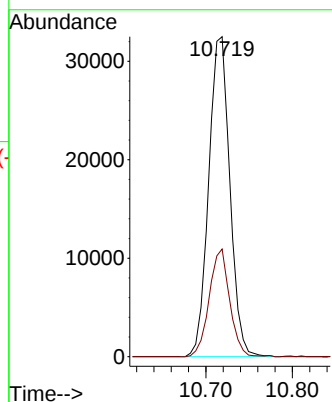
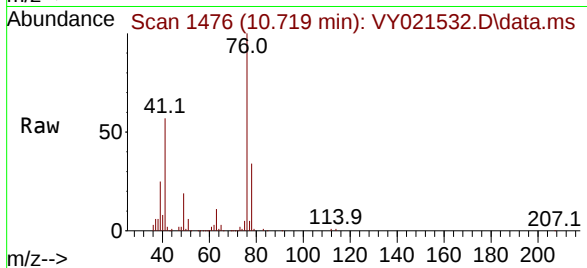
VY0314SBS01

Tgt Ion: 76 Resp: 55133

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 94.950 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021532.D

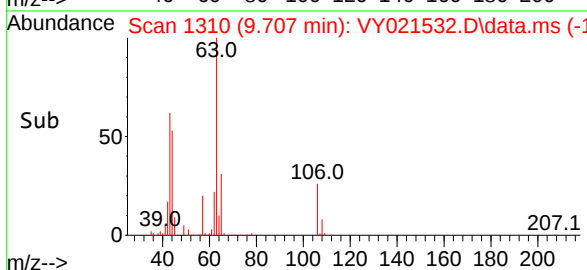
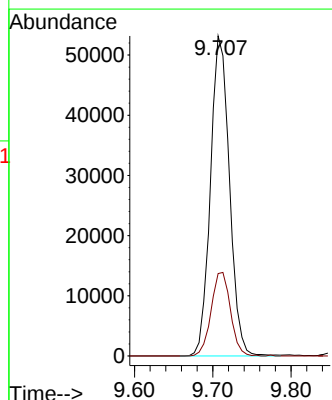
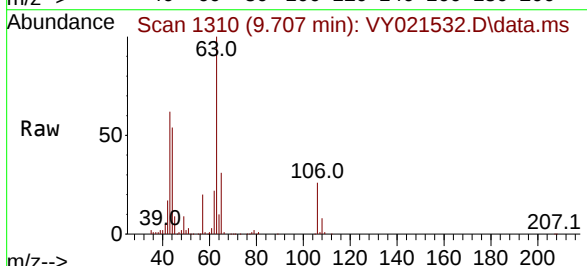
Acq: 14 Mar 2025 11:51

Tgt Ion: 63 Resp: 89652

Ion Ratio Lower Upper

63 100

106 26.5 22.1 33.1





#59

2-Hexanone

Concen: 100.694 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

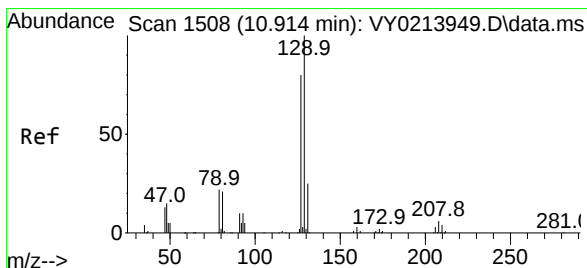
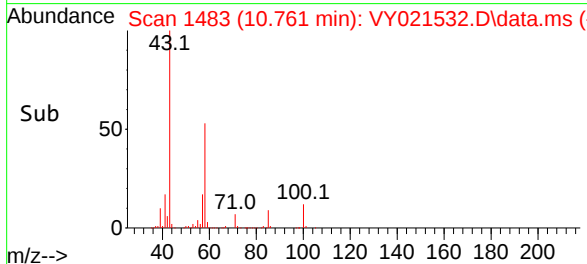
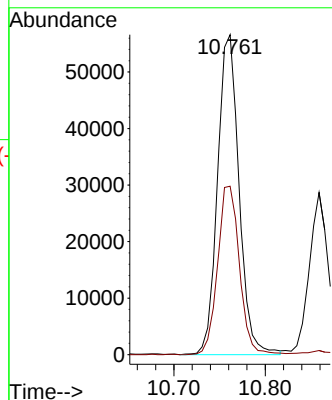
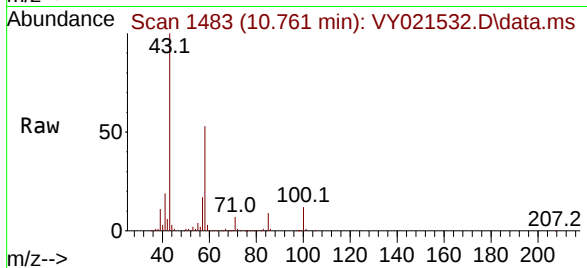
VY0314SBS01

Tgt Ion: 43 Resp: 92640

Ion Ratio Lower Upper

43 100

58 53.5 27.3 81.8



#60

Dibromochloromethane

Concen: 19.780 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021532.D

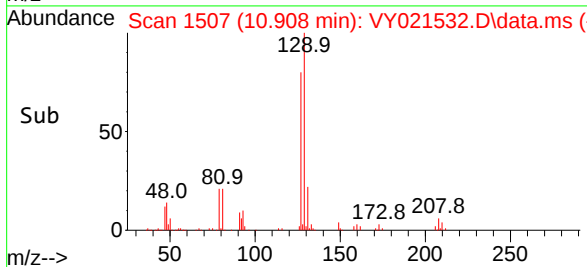
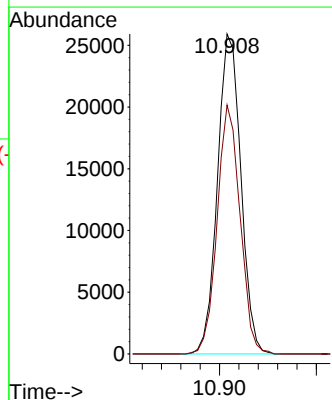
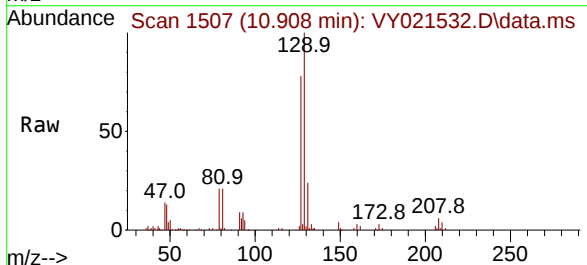
Acq: 14 Mar 2025 11:51

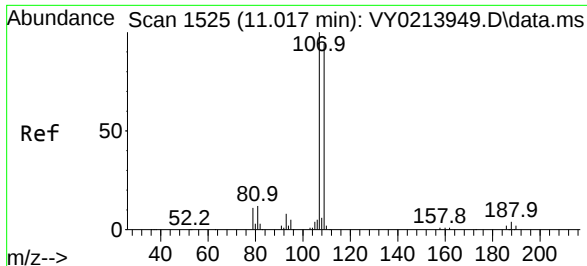
Tgt Ion: 129 Resp: 43491

Ion Ratio Lower Upper

129 100

127 76.1 39.1 117.3

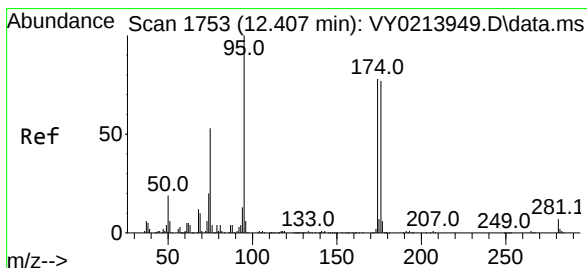
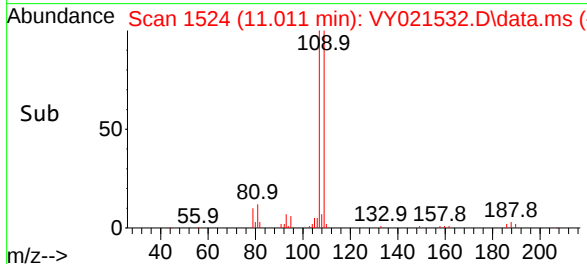
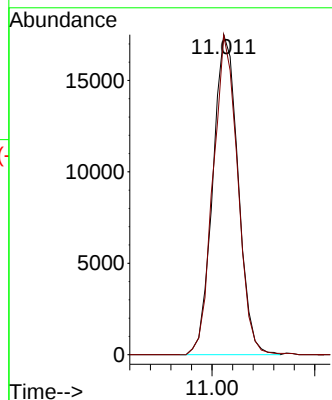
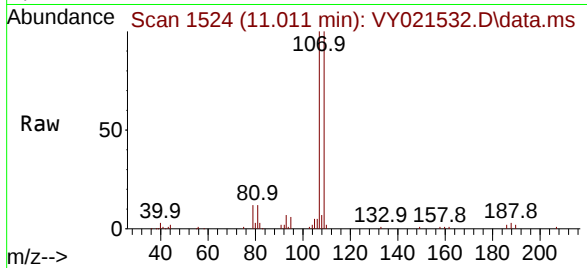




#61
1,2-Dibromoethane
Concen: 19.700 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

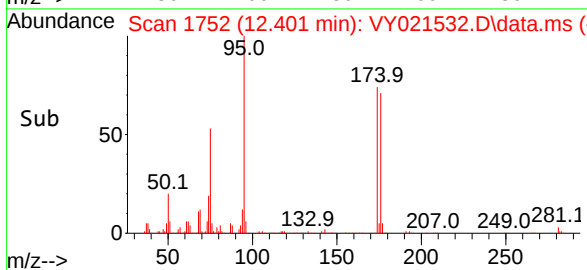
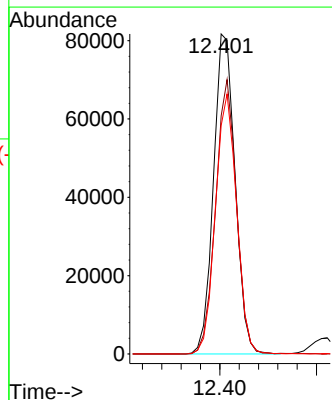
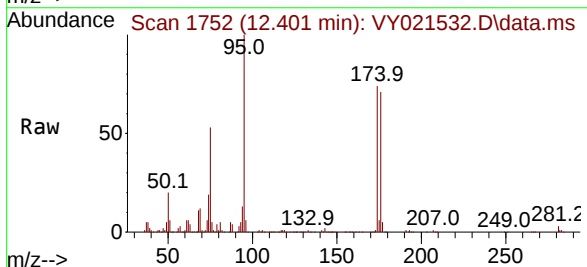
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

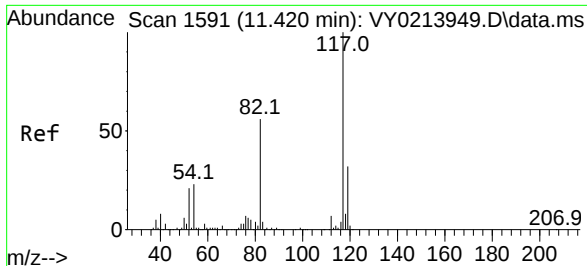
Tgt Ion:107 Resp: 29819
Ion Ratio Lower Upper
107 100
109 97.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 95 Resp: 126408
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 79.9 0.0 160.0

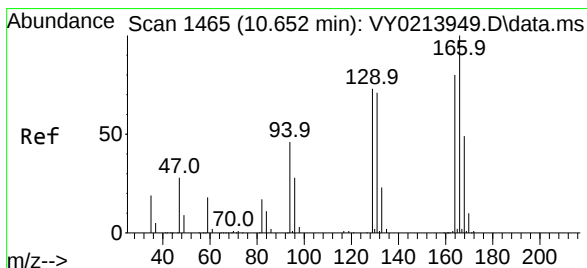
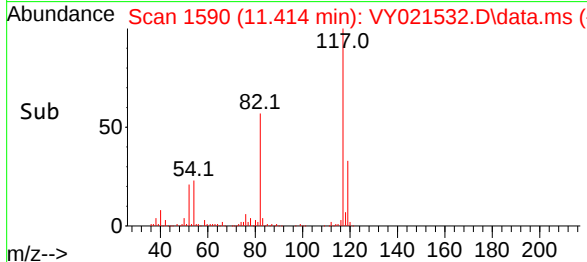
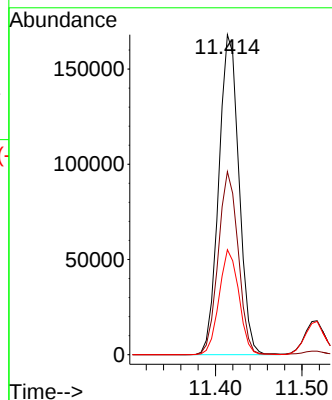
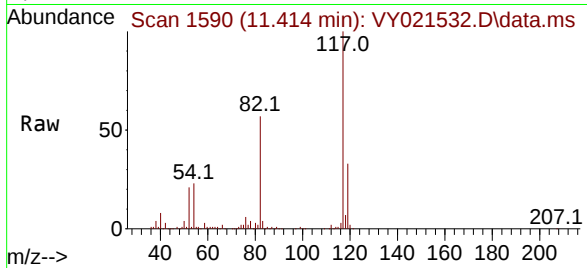




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

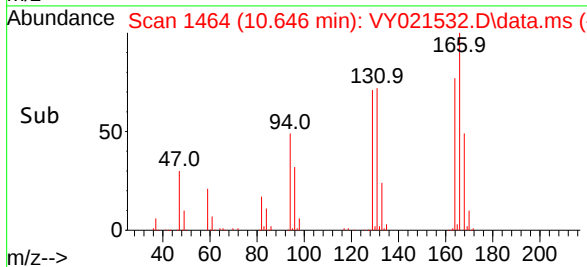
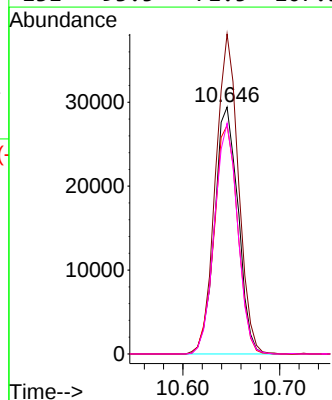
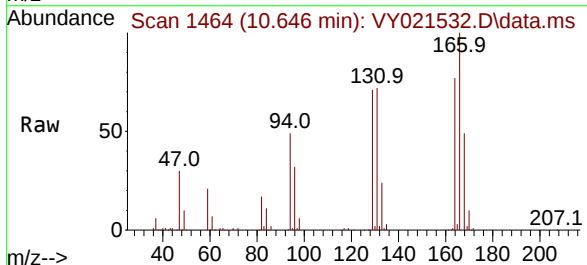
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

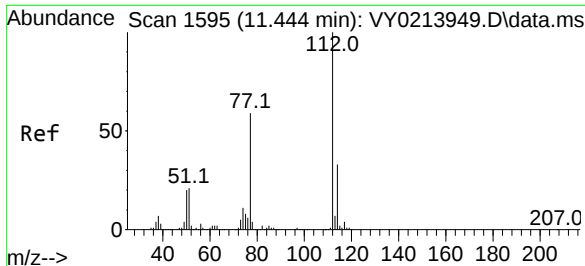
Tgt Ion:117 Resp: 272403
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 22.377 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:164 Resp: 49566
Ion Ratio Lower Upper
164 100
166 129.6 100.4 150.6
129 92.6 73.8 110.8
131 93.5 71.5 107.3

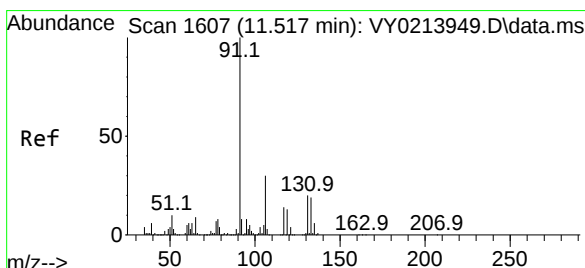
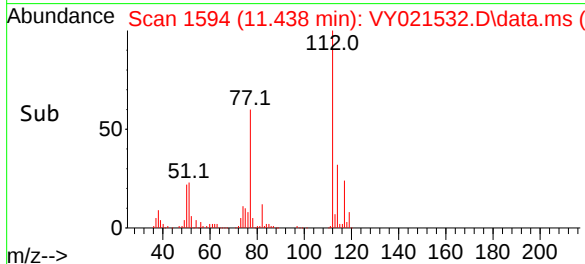
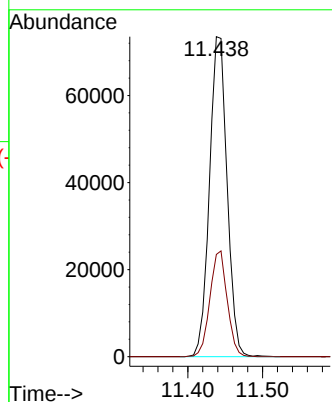
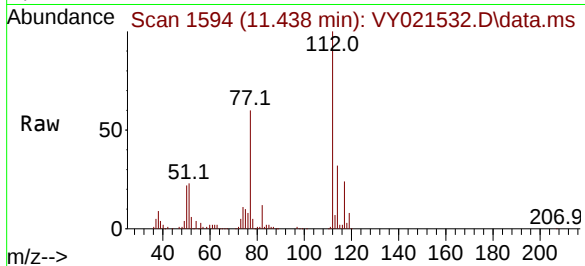




#65
Chlorobenzene
Concen: 18.715 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

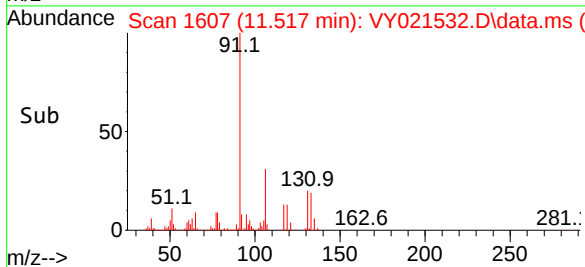
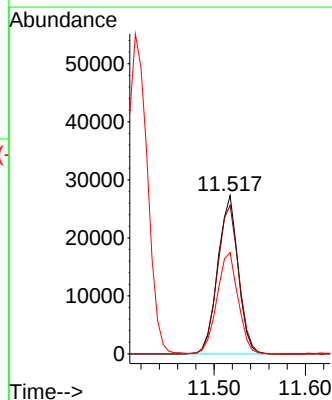
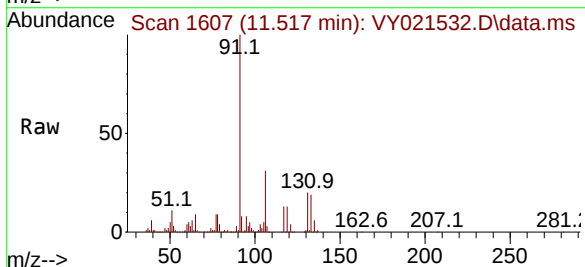
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

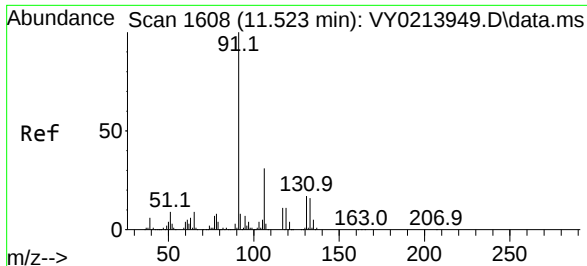
Tgt Ion:112 Resp: 120387
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.601 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:131 Resp: 42304
Ion Ratio Lower Upper
131 100
133 98.3 47.6 142.9
119 66.6 32.3 96.9





#67

Ethyl Benzene

Concen: 18.012 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

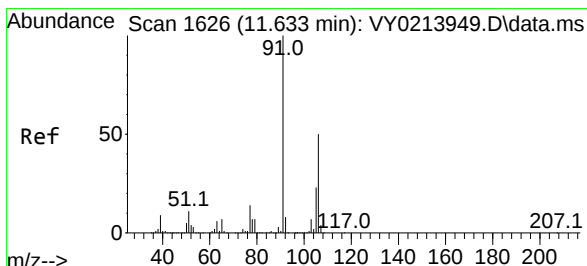
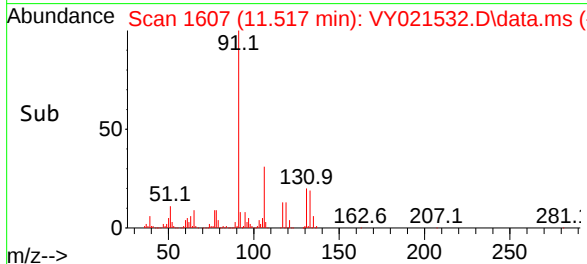
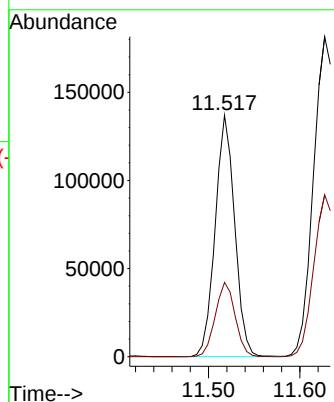
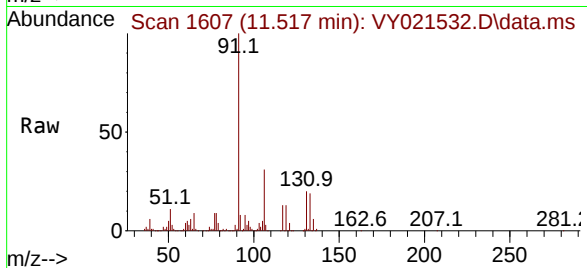
VY0314SBS01

Tgt Ion: 91 Resp: 203370

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 37.769 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021532.D

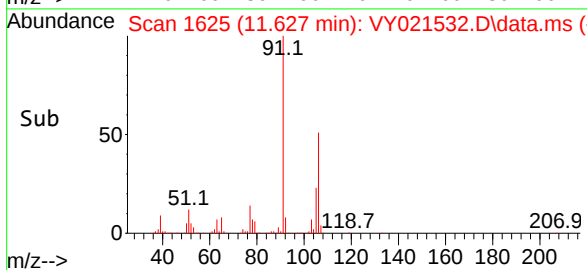
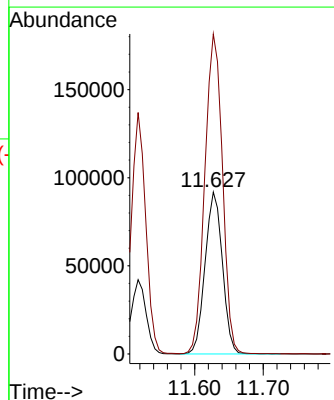
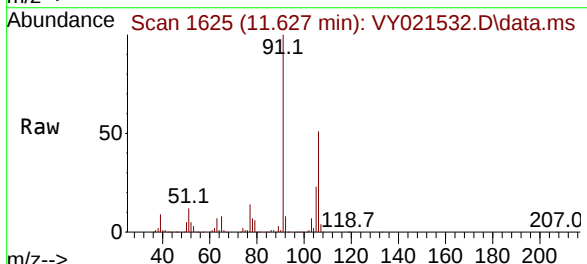
Acq: 14 Mar 2025 11:51

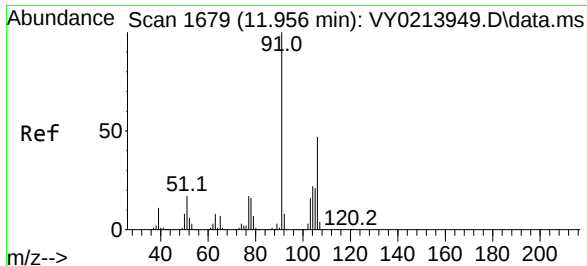
Tgt Ion:106 Resp: 161897

Ion Ratio Lower Upper

106 100

91 201.0 161.7 242.5

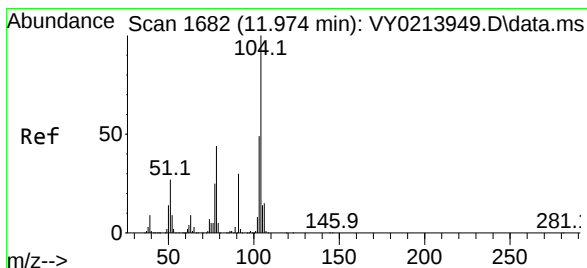
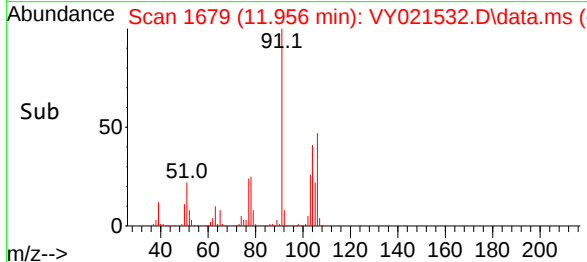
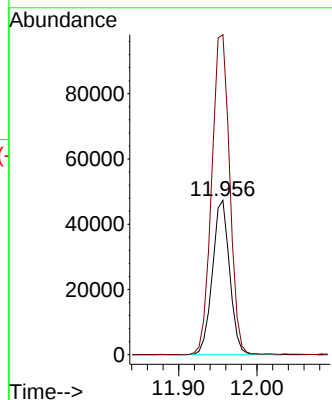
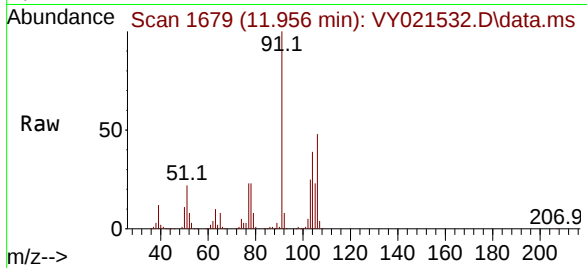




#69
o-Xylene
Concen: 18.251 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

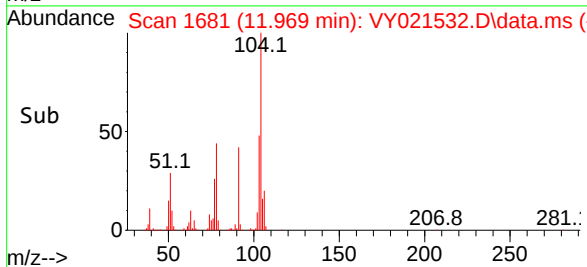
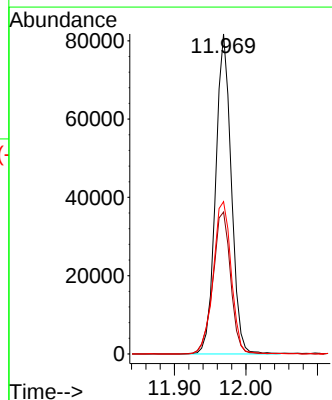
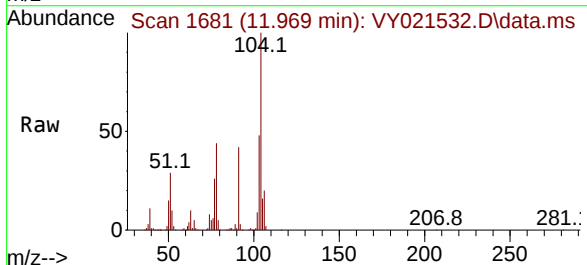
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

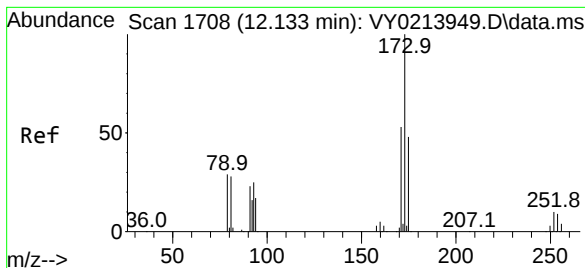
Tgt Ion:106 Resp: 72103
Ion Ratio Lower Upper
106 100
91 217.1 107.6 322.8



#70
Styrene
Concen: 18.994 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:104 Resp: 124485
Ion Ratio Lower Upper
104 100
78 50.1 40.7 61.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 19.602 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

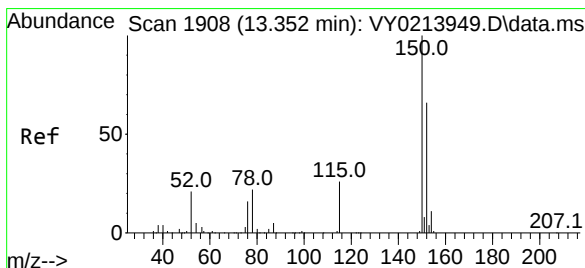
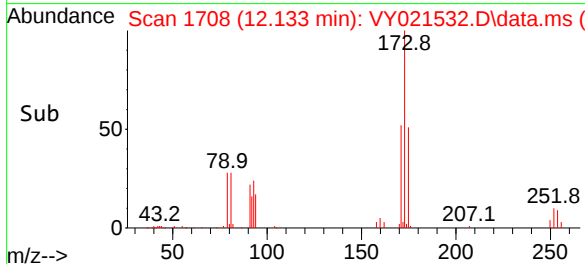
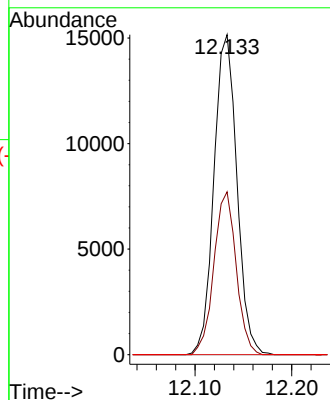
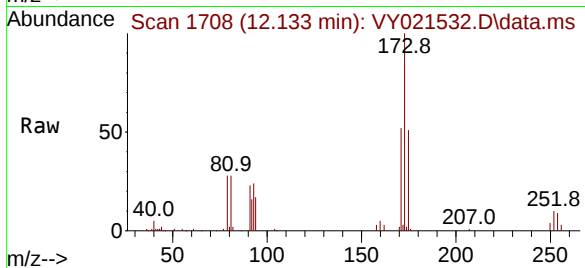
Tgt Ion:173 Resp: 24921

Ion Ratio Lower Upper

173 100

175 49.5 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

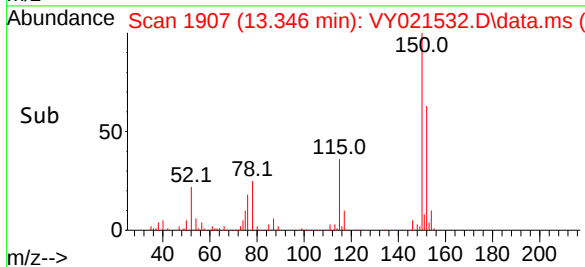
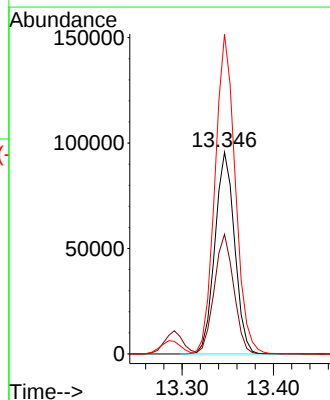
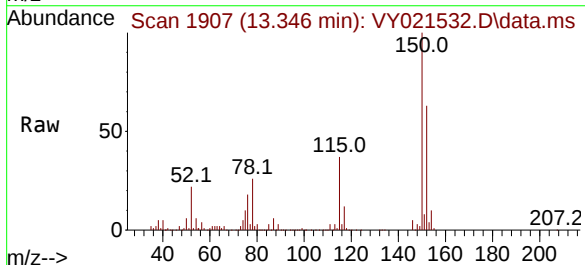
Tgt Ion:152 Resp: 143203

Ion Ratio Lower Upper

152 100

115 58.8 29.0 87.0

150 163.1 0.0 347.2

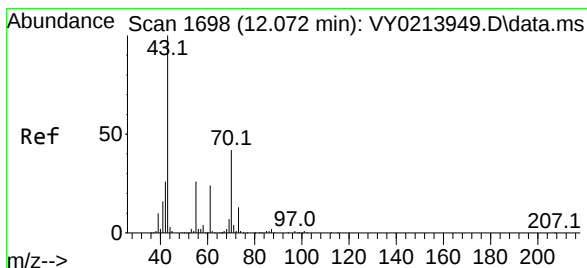
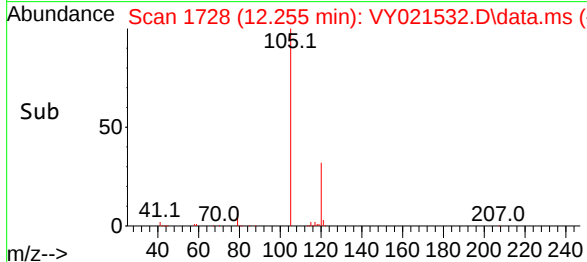
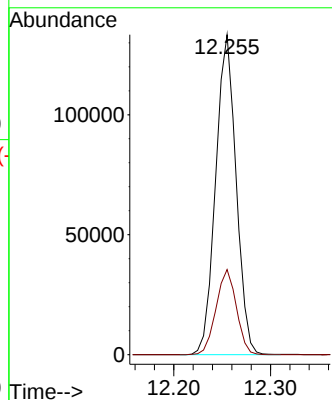
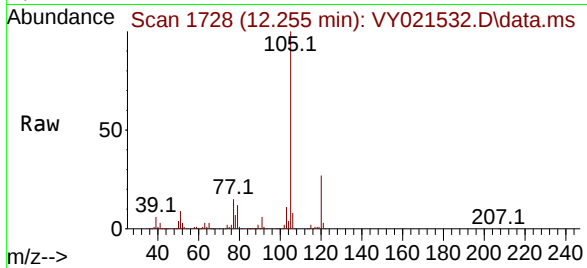




#73
Isopropylbenzene
Concen: 17.355 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

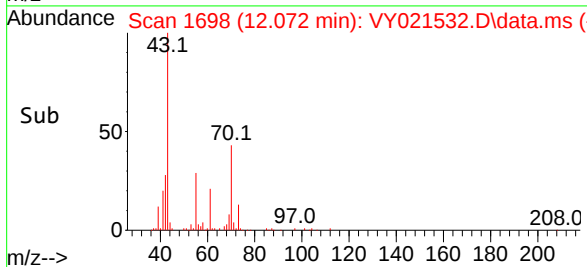
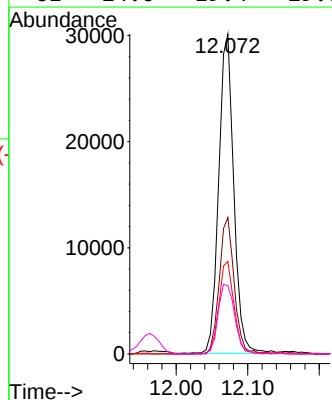
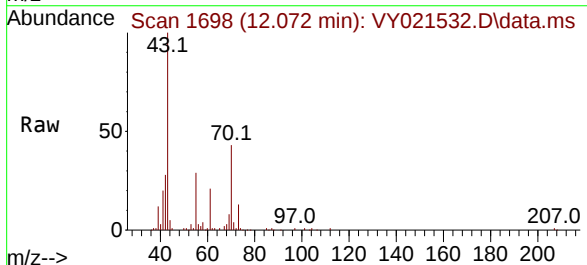
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

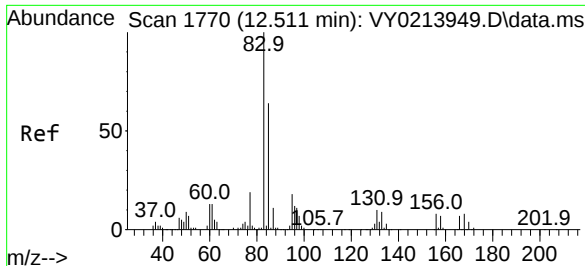
Tgt Ion:105 Resp: 195778
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 17.957 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 43 Resp: 43992
Ion Ratio Lower Upper
43 100
70 42.4 34.6 51.8
55 29.3 21.1 31.7
61 24.0 19.4 29.0

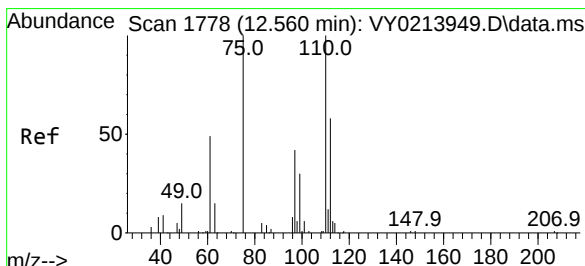
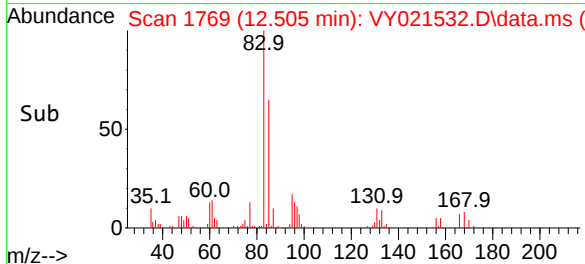
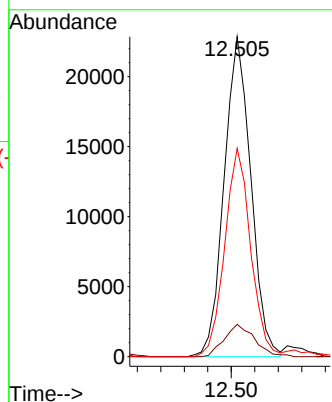
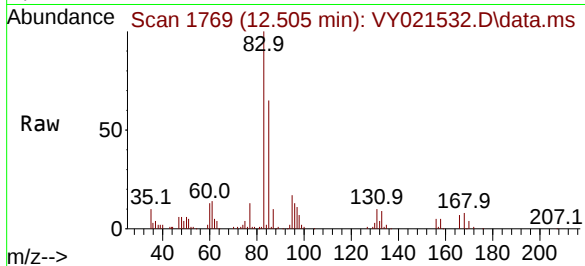




#75
 1,1,2-Tetrachloroethane
 Concen: 18.126 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

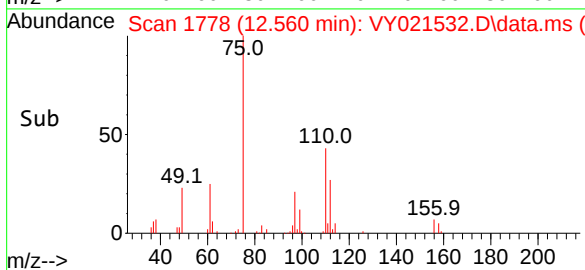
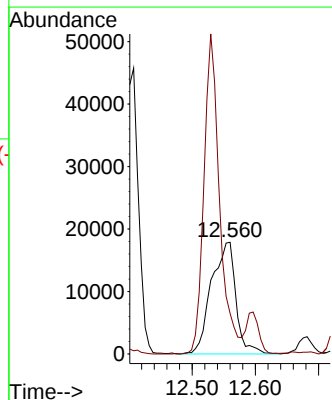
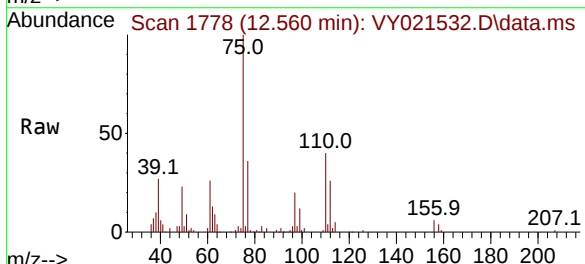
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

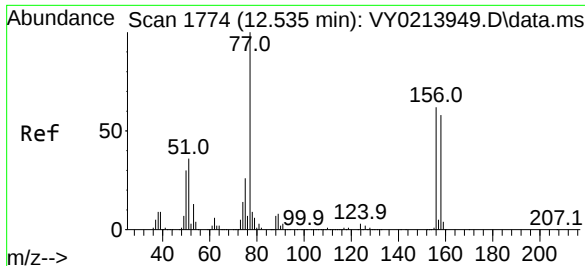
Tgt Ion: 83 Resp: 36082
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.3 16.1
 85 63.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 33.256 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 75 Resp: 47989
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

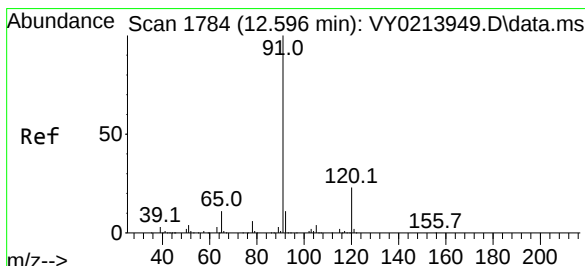
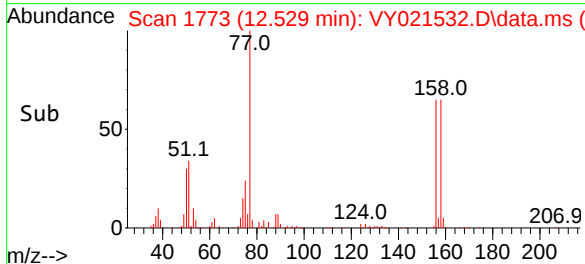
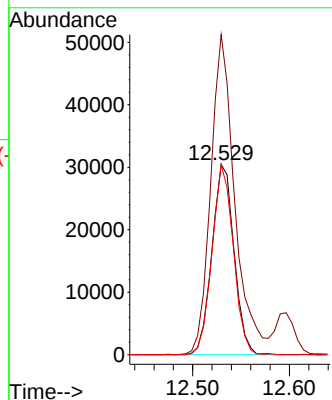
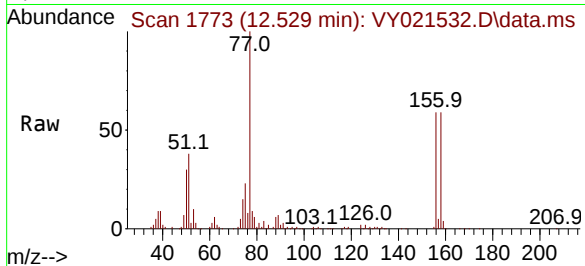




#77
Bromobenzene
Concen: 18.315 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

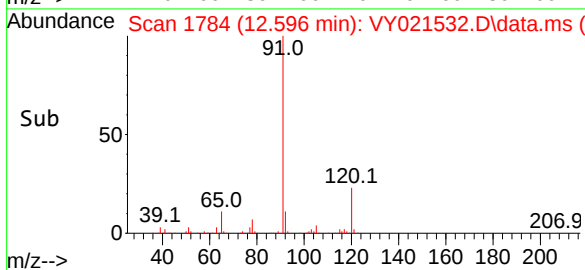
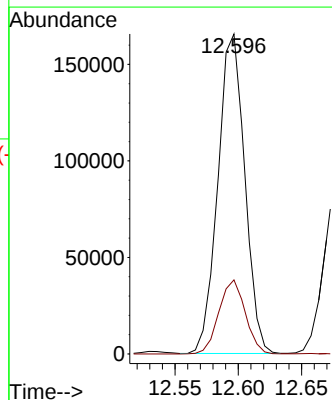
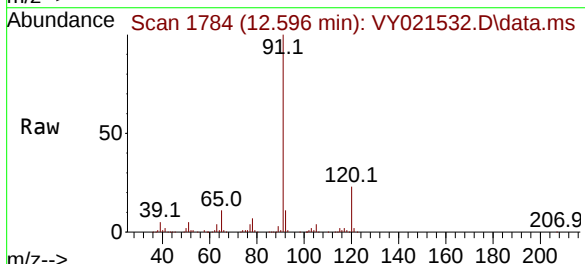
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

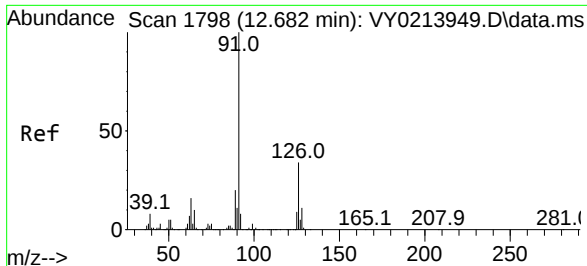
Tgt Ion:156 Resp: 48334
Ion Ratio Lower Upper
156 100
77 183.4 93.6 280.8
158 96.1 48.3 144.8



#78
n-propylbenzene
Concen: 17.844 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 91 Resp: 244464
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

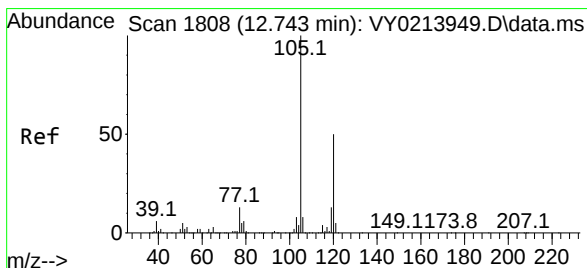
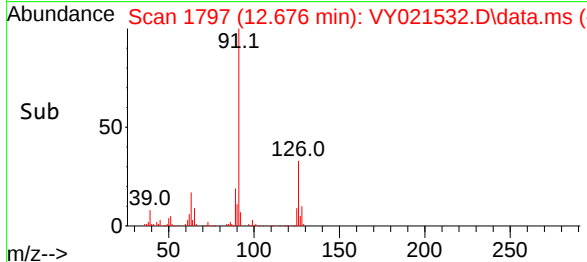
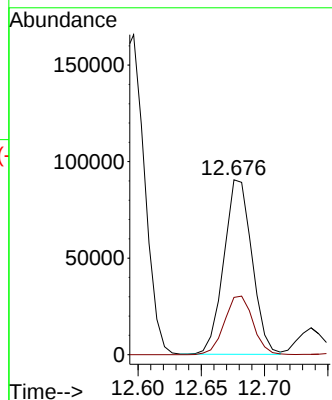
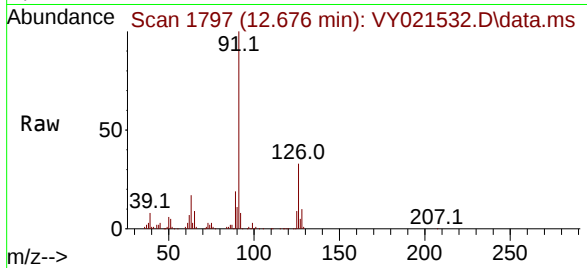




#79
2-Chlorotoluene
Concen: 17.898 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

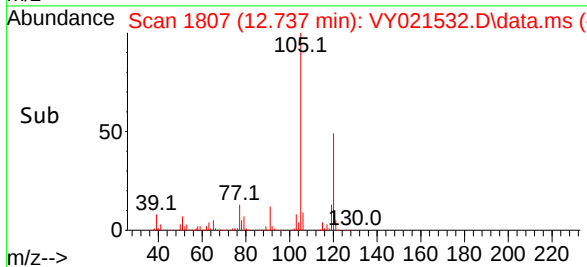
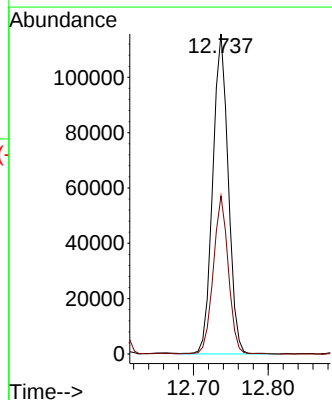
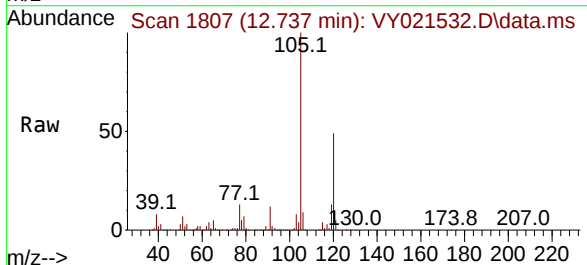
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

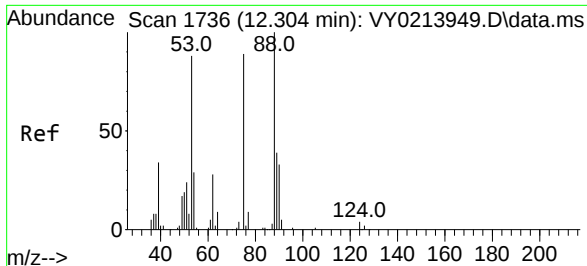
Tgt Ion: 91 Resp: 140207
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.175 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 105 Resp: 166610
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6

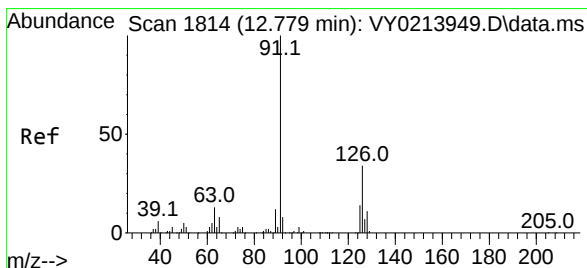
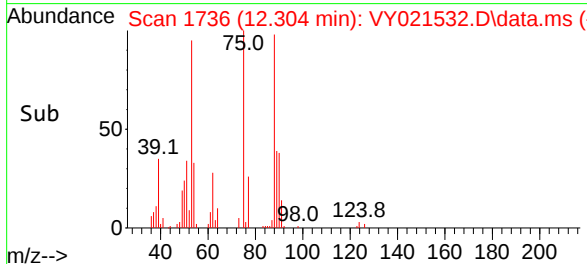
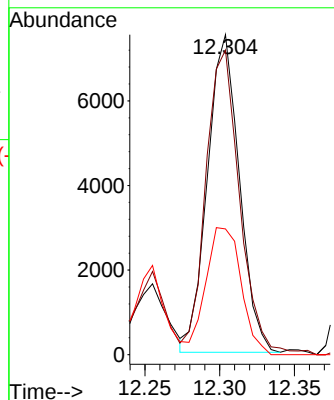
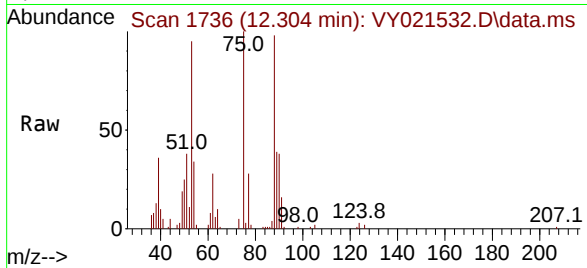




#81
trans-1,4-Dichloro-2-butene
Concen: 17.557 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

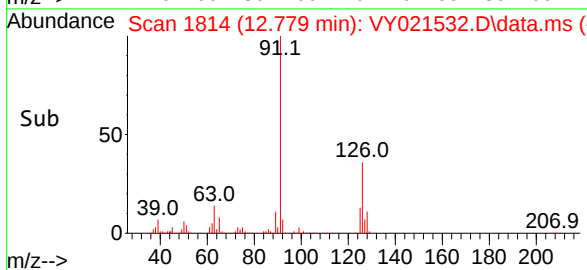
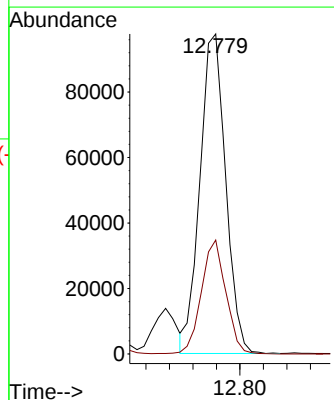
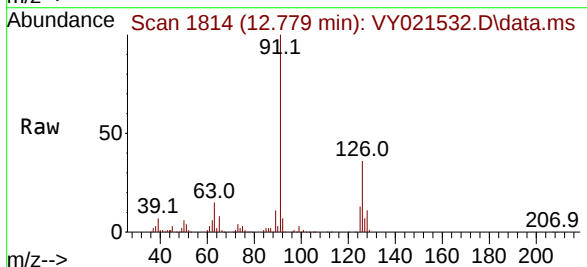
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

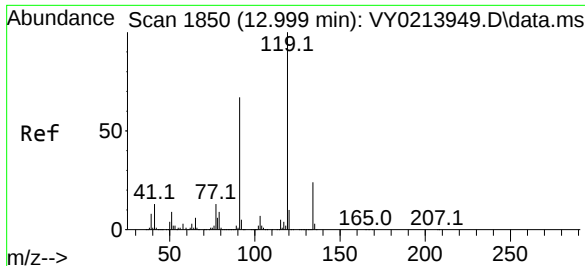
Tgt Ion: 75 Resp: 11145
Ion Ratio Lower Upper
75 100
53 101.8 81.0 121.4
89 43.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.292 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion: 91 Resp: 148383
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

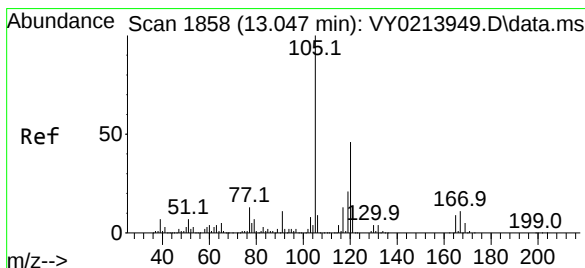
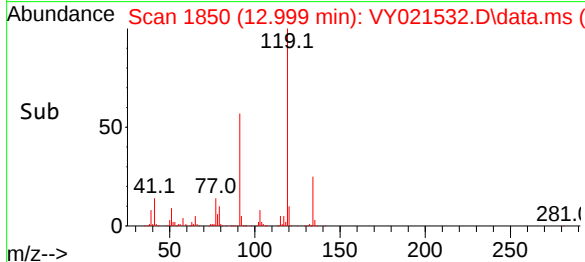
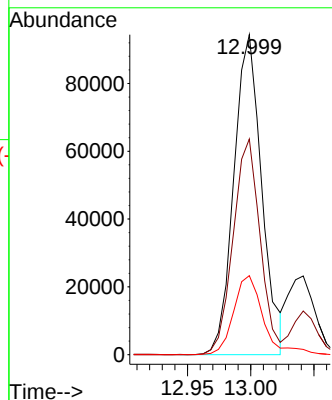
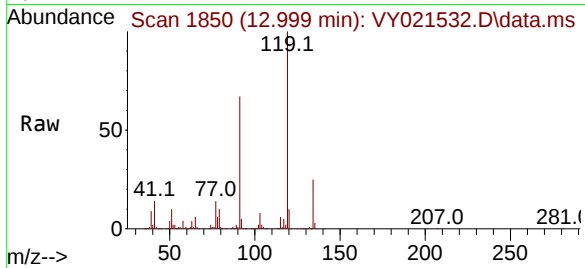




#83
 tert-Butylbenzene
 Concen: 17.713 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

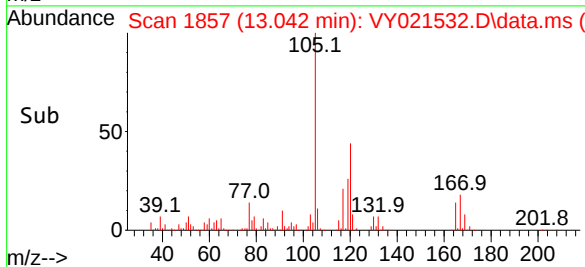
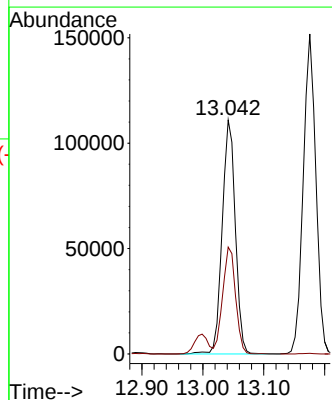
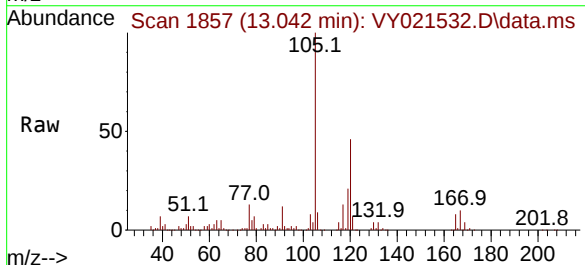
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

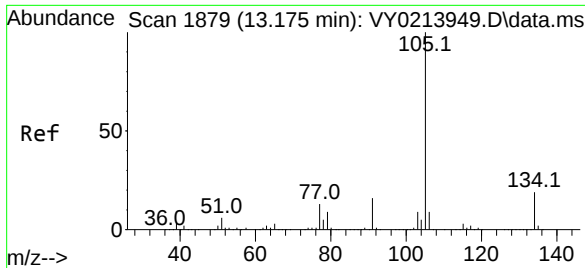
Tgt Ion:119 Resp: 144859
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.2 99.6
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.254 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion:105 Resp: 166145
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1

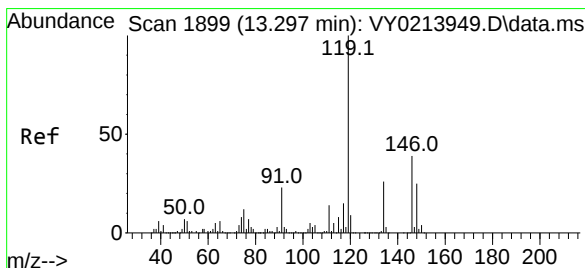
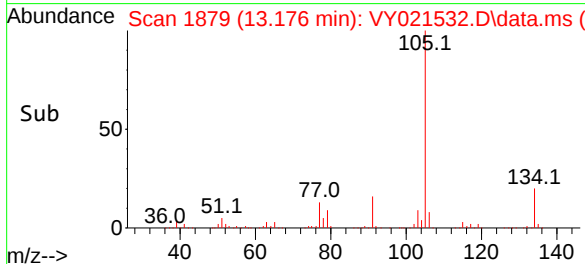
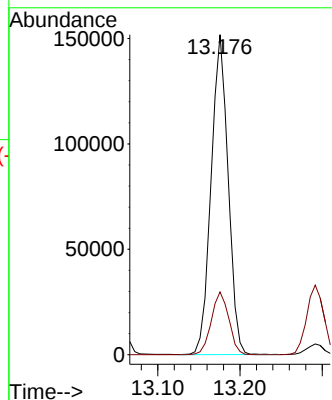
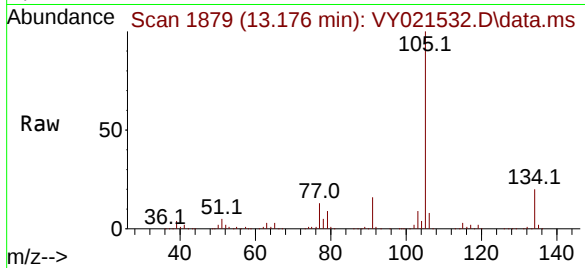




#85
 sec-Butylbenzene
 Concen: 17.904 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

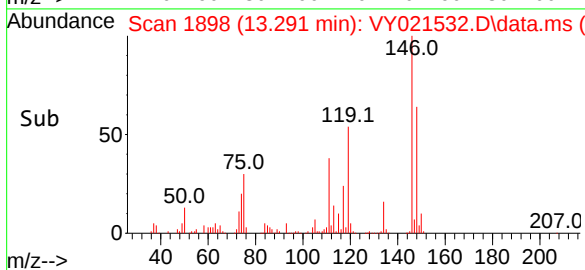
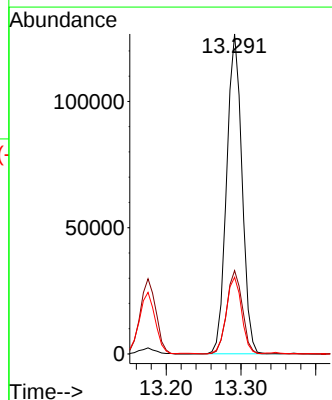
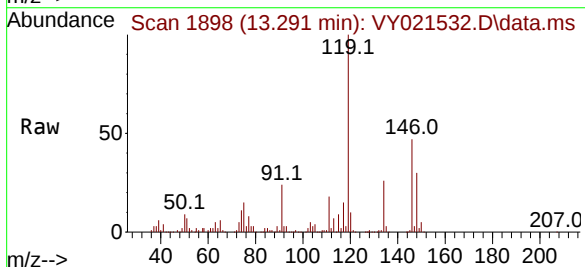
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

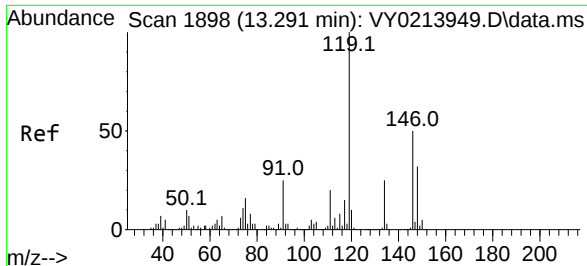
Tgt Ion:105 Resp: 217856
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.000 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion:119 Resp: 180441
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.2 12.2 36.6

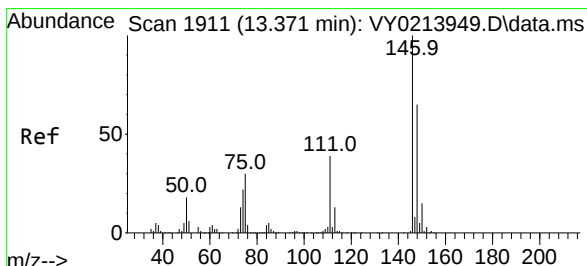
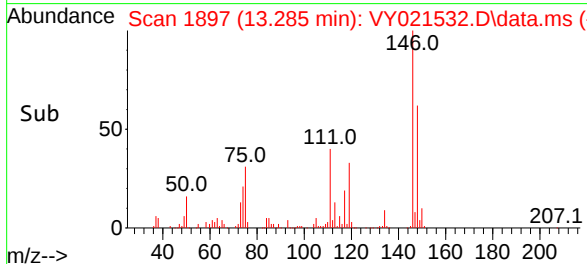
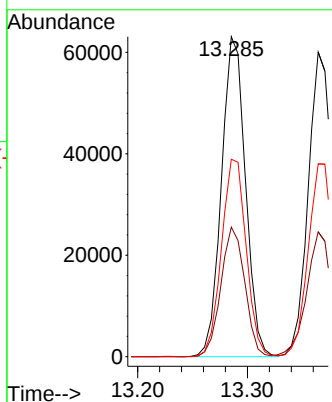
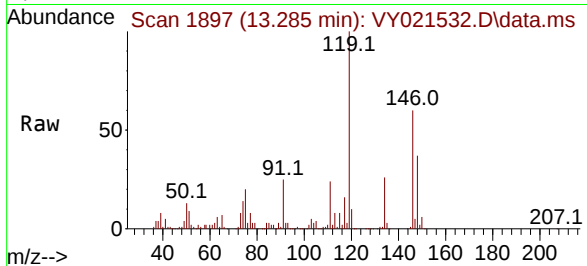




#87
 1,3-Dichlorobenzene
 Concen: 18.292 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

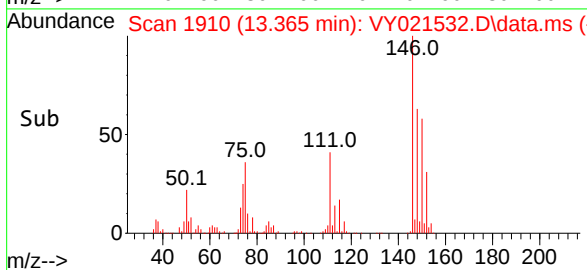
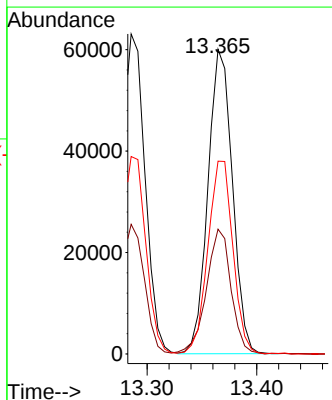
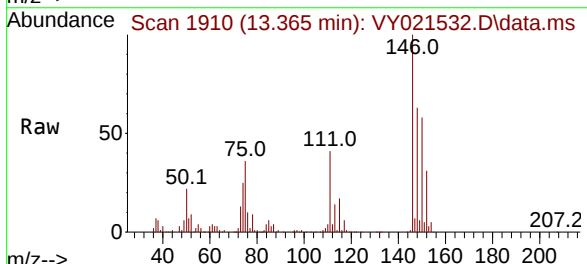
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

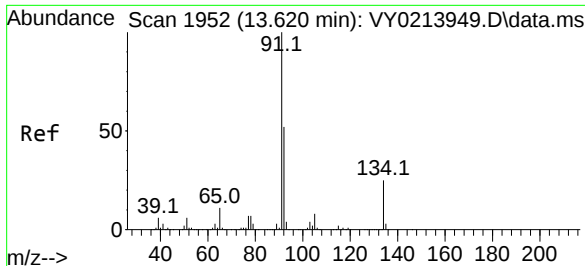
Tgt Ion:146 Resp: 96089
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.132 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion:146 Resp: 93153
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.6 58.8
 148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 18.024 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021532.D

Acq: 14 Mar 2025 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

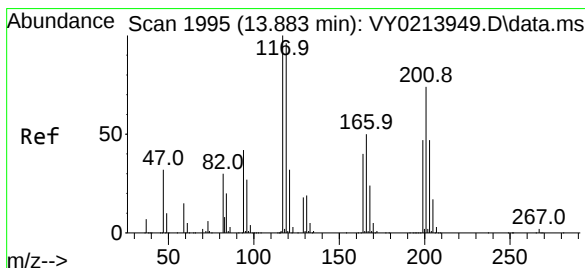
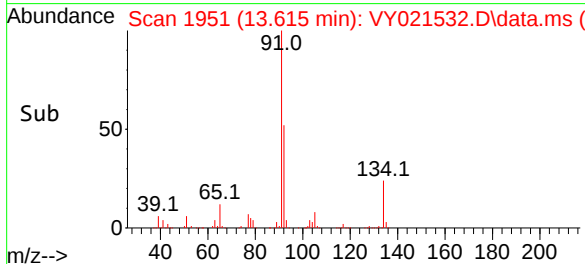
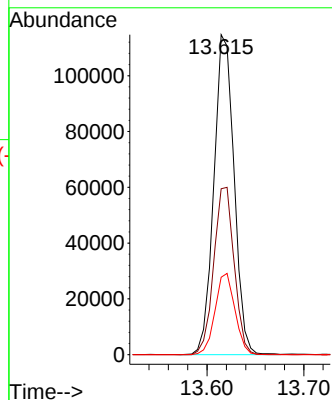
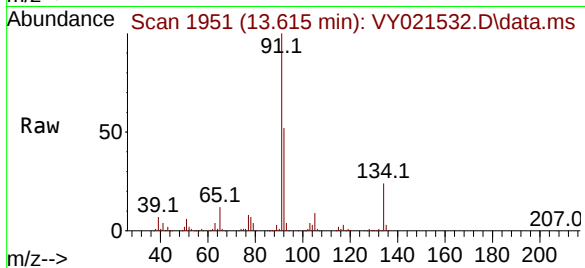
Tgt Ion: 91 Resp: 166837

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 18.574 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021532.D

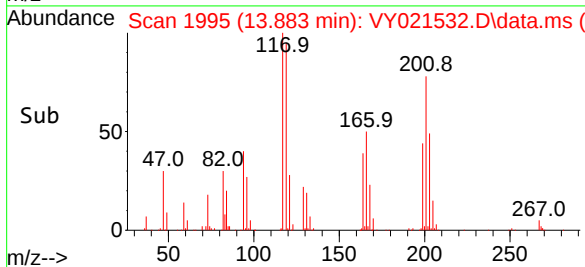
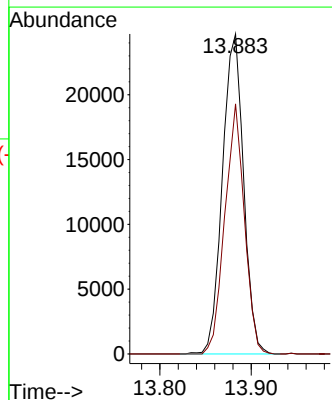
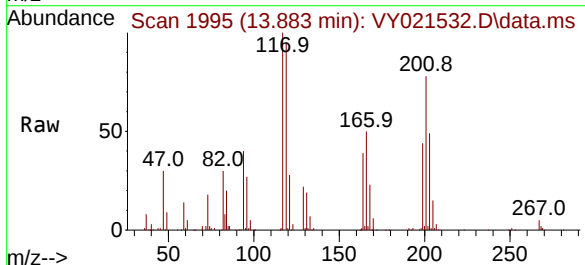
Acq: 14 Mar 2025 11:51

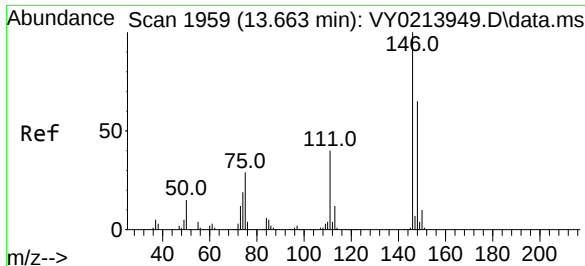
Tgt Ion: 117 Resp: 39721

Ion Ratio Lower Upper

117 100

201 72.3 37.4 112.2

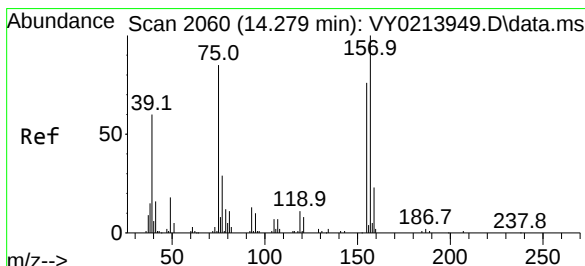
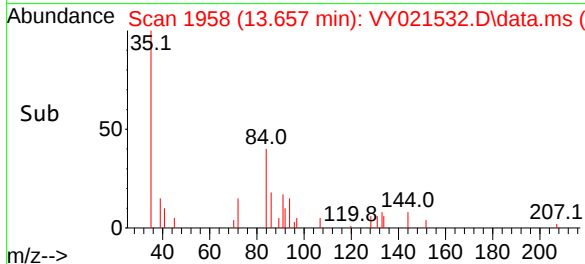
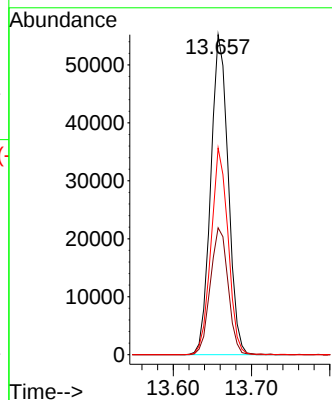
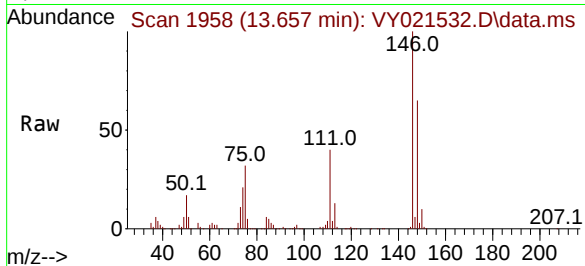




#91
 1,2-Dichlorobenzene
 Concen: 18.959 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

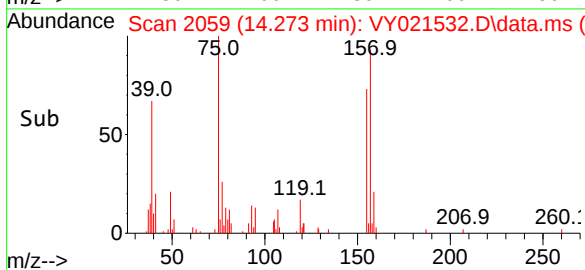
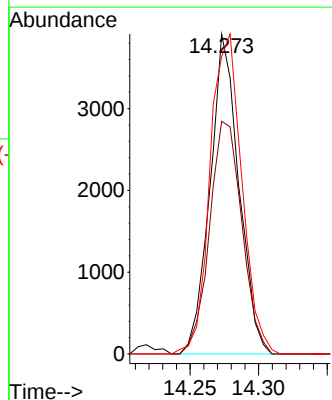
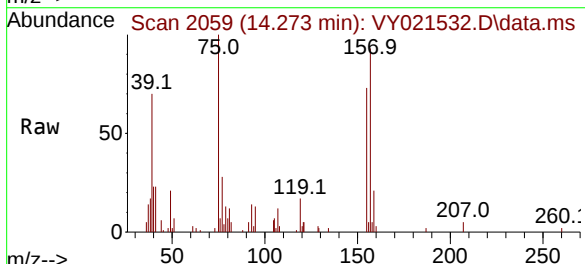
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

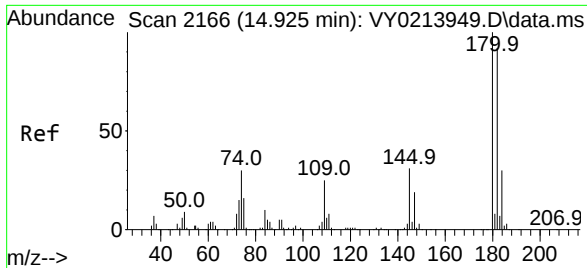
Tgt Ion:146 Resp: 85362
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.7 62.1
 148 63.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.166 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion: 75 Resp: 5715
 Ion Ratio Lower Upper
 75 100
 155 81.6 43.5 130.5
 157 109.8 54.4 163.2

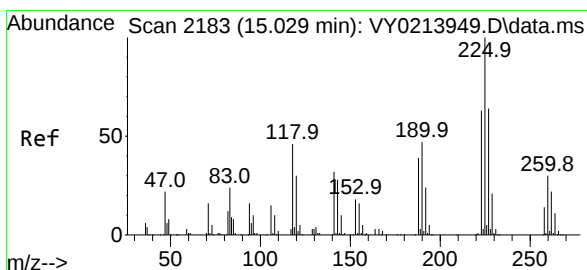
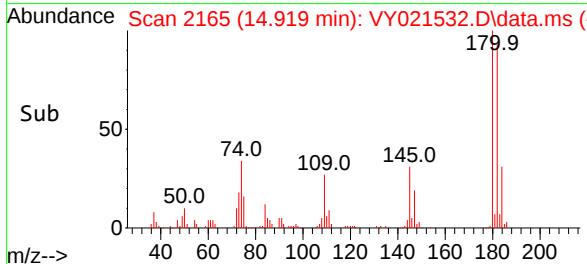
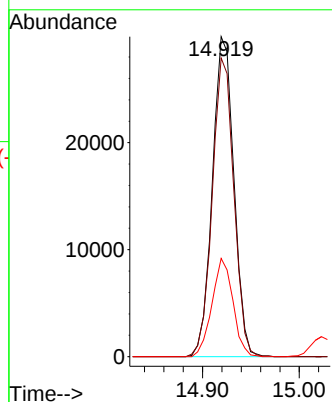
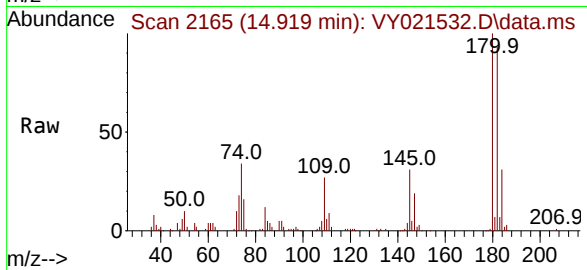




#93
 1,2,4-Trichlorobenzene
 Concen: 18.749 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

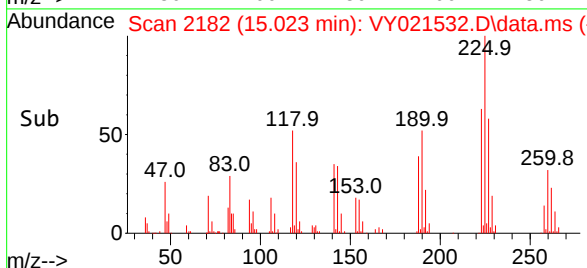
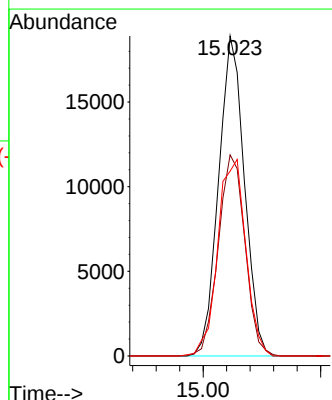
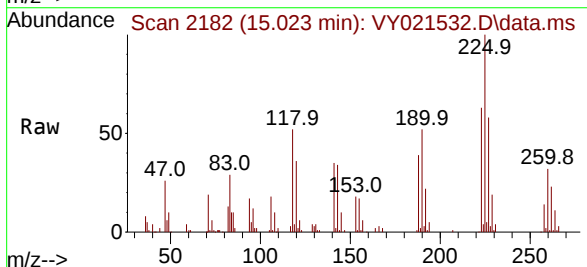
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

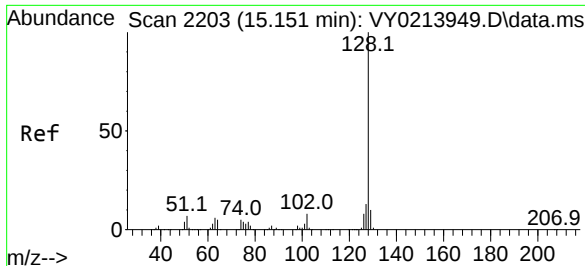
Tgt Ion:180 Resp: 46108
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.7 140.0
 145 30.0 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 18.691 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021532.D
 Acq: 14 Mar 2025 11:51

Tgt Ion:225 Resp: 28813
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.4 94.2
 227 66.7 31.8 95.4

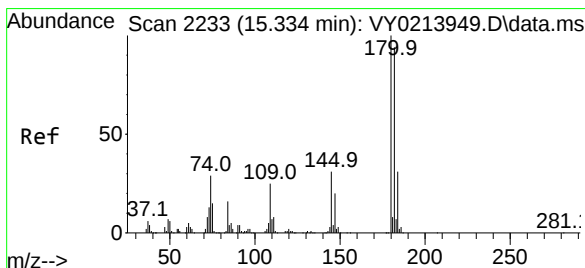
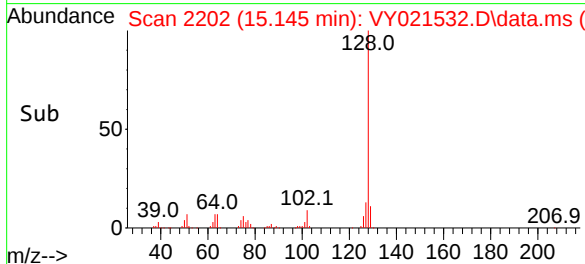
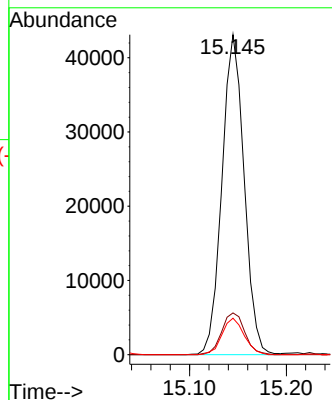
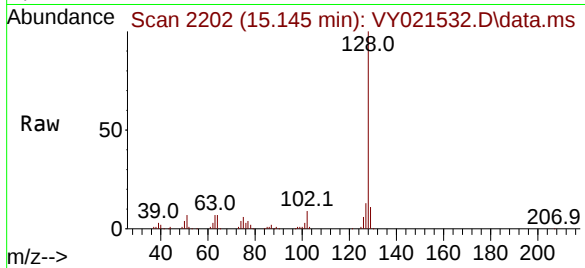




#95
Naphthalene
Concen: 18.509 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

Tgt Ion:128 Resp: 68532
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.625 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021532.D
Acq: 14 Mar 2025 11:51

Tgt Ion:180 Resp: 38523
Ion Ratio Lower Upper
180 100
182 95.1 47.2 141.6
145 33.0 16.4 49.1

