

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021654.D
 Acq On : 26 Mar 2025 18:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 27 01:33:46 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	185307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87165	44.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.634	113	86564	45.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.580%
50) Toluene-d8	10.103	98	312069	43.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.240%
62) 4-Bromofluorobenzene	12.408	95	113316	46.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	72090	42.394	ug/l	97
3) Chloromethane	2.068	50	110957	46.281	ug/l	97
4) Vinyl Chloride	2.202	62	134770	51.440	ug/l	98
5) Bromomethane	2.592	94	89854	47.453	ug/l	96
6) Chloroethane	2.733	64	95163	54.964	ug/l	99
7) Trichlorofluoromethane	3.056	101	181687	49.684	ug/l	98
8) Diethyl Ether	3.452	74	51545	50.862	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	101012	48.381	ug/l	100
10) Methyl Iodide	4.001	142	115942	54.630	ug/l	98
11) Tert butyl alcohol	4.854	59	31182	244.359	ug/l	98
12) 1,1-Dichloroethene	3.787	96	91122	47.871	ug/l	99
13) Acrolein	3.647	56	3977	39.921	ug/l	88
14) Allyl chloride	4.385	41	157575	51.225	ug/l	100
15) Acrylonitrile	5.055	53	115518	267.772	ug/l	99
16) Acetone	3.867	43	86888	203.397	ug/l	93
17) Carbon Disulfide	4.104	76	254633	42.684	ug/l	100
18) Methyl Acetate	4.379	43	70227	74.091	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	257076	53.285	ug/l	99
20) Methylene Chloride	4.610	84	111027	49.513	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	104843	49.181	ug/l	98
22) Diisopropyl ether	6.019	45	364666	55.007	ug/l	97
23) Vinyl Acetate	5.958	43	951711	251.546	ug/l	100
24) 1,1-Dichloroethane	5.915	63	208140	53.197	ug/l	100
25) 2-Butanone	6.890	43	142493	241.135	ug/l	99
26) 2,2-Dichloropropane	6.884	77	178706	49.639	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	128320	52.986	ug/l	98
28) Bromochloromethane	7.244	49	89194	54.375	ug/l	99
29) Tetrahydrofuran	7.262	42	95091	260.660	ug/l	99
30) Chloroform	7.421	83	219069	53.919	ug/l	96
31) Cyclohexane	7.701	56	158849	43.305	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	192235	51.674	ug/l	99
36) 1,1-Dichloropropene	7.835	75	145605	48.663	ug/l	99
37) Ethyl Acetate	6.982	43	67408	50.971	ug/l	99
38) Carbon Tetrachloride	7.817	117	171949	49.968	ug/l	100
39) Methylcyclohexane	9.109	83	170020	46.324	ug/l	97
40) Benzene	8.079	78	455401	51.667	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	37813	52.511	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	128203	51.992	ug/l	100
43) Isopropyl Acetate	8.195	43	132327	51.544	ug/l #	88
44) Trichloroethene	8.866	130	115176	51.710	ug/l	95
45) 1,2-Dichloropropane	9.140	63	112962	53.848	ug/l	98
46) Dibromomethane	9.225	93	61750	52.903	ug/l	99
47) Bromodichloromethane	9.420	83	168824	54.463	ug/l	100
48) Methyl methacrylate	9.219	41	61327	52.021	ug/l	97
49) 1,4-Dioxane	9.225	88	12417	1083.822	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	359396	271.318	ug/l	100
52) Toluene	10.170	92	293245	52.771	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	147179	53.893	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	173605	53.543	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	83743	54.847	ug/l	97
56) Ethyl methacrylate	10.439	69	109446	56.205	ug/l	99
57) 1,3-Dichloropropane	10.713	76	143780	54.333	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	243917	271.349	ug/l	100
59) 2-Hexanone	10.762	43	236016	269.462	ug/l	100
60) Dibromochloromethane	10.908	129	114923	54.903	ug/l	99
61) 1,2-Dibromoethane	11.012	107	76439	53.045	ug/l	97
64) Tetrachloroethene	10.646	164	121072	55.301	ug/l	96
65) Chlorobenzene	11.438	112	321162	50.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	119162	53.012	ug/l	97
67) Ethyl Benzene	11.518	91	566451	50.760	ug/l	99
68) m/p-Xylenes	11.627	106	430096	101.517	ug/l	99
69) o-Xylene	11.957	106	206698	52.936	ug/l	100
70) Styrene	11.969	104	350050	54.039	ug/l	99
71) Bromoform	12.133	173	67136	53.428	ug/l	98
73) Isopropylbenzene	12.255	105	549344	49.213	ug/l	100
74) N-amyl acetate	12.072	43	120464	49.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	92244	46.829	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	124981	87.524	ug/l #	100
77) Bromobenzene	12.530	156	131351	50.297	ug/l	94
78) n-propylbenzene	12.597	91	663110	48.914	ug/l	100
79) 2-Chlorotoluene	12.682	91	381515	49.217	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	450466	49.658	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28231	44.944	ug/l	98
82) 4-Chlorotoluene	12.780	91	396316	49.373	ug/l	100
83) tert-Butylbenzene	12.999	119	411190	50.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	450532	50.021	ug/l	100
85) sec-Butylbenzene	13.176	105	597406	49.616	ug/l	100
86) p-Isopropyltoluene	13.292	119	495366	49.938	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	249477	47.992	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	249014	48.981	ug/l	99
89) n-Butylbenzene	13.615	91	463415	50.592	ug/l	99
90) Hexachloroethane	13.877	117	105253	49.738	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	219518	49.270	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14533	49.252	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	129131	53.063	ug/l	98
94) Hexachlorobutadiene	15.023	225	78451	51.428	ug/l	99
95) Naphthalene	15.145	128	224781	54.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	109804	53.648	ug/l	100

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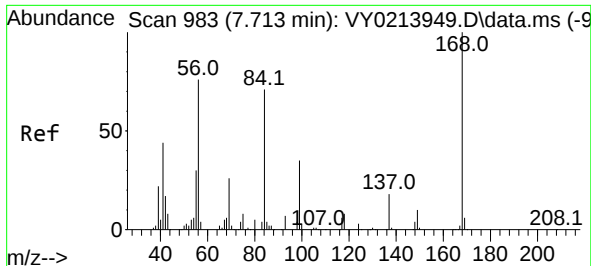
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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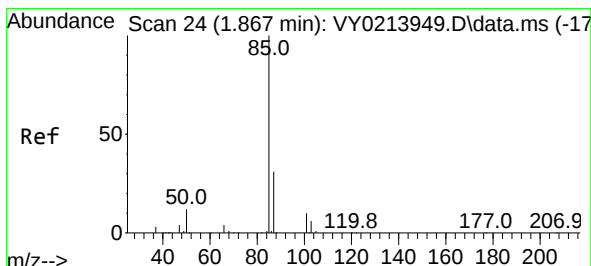
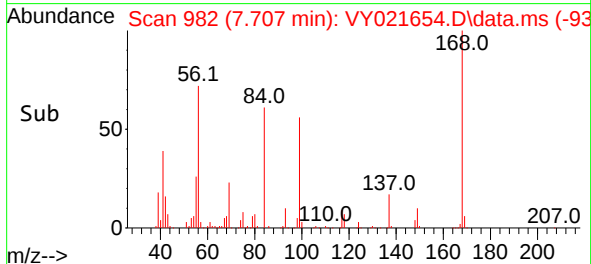
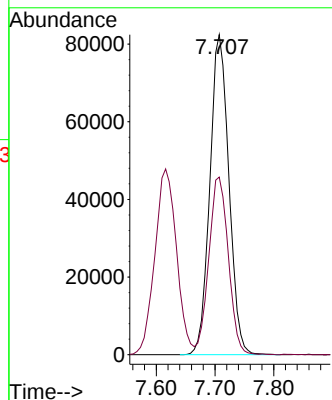
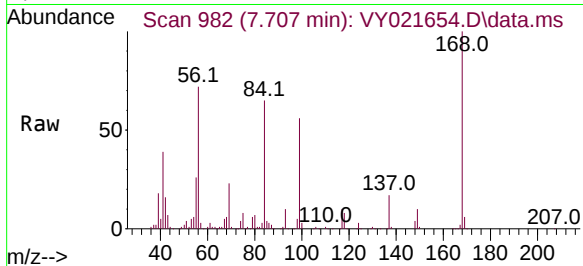




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021654.D
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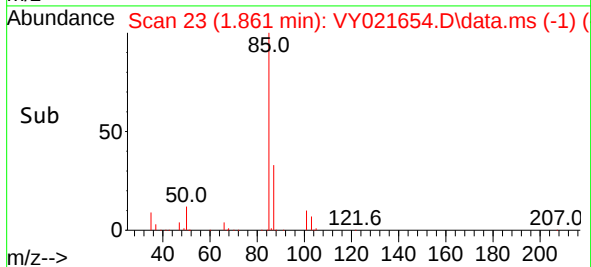
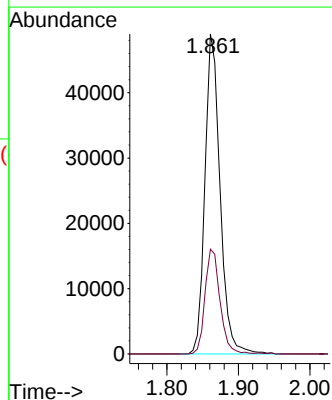
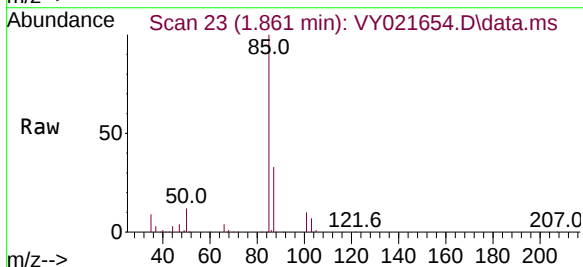
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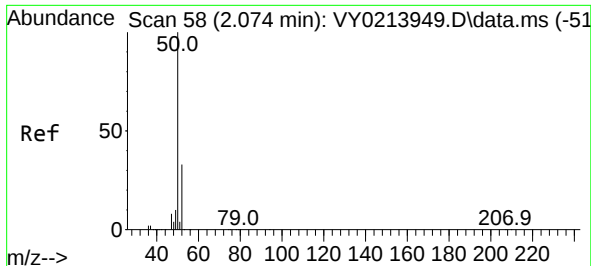
Tgt Ion:168 Resp: 185307
Ion Ratio Lower Upper
168 100
99 55.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.394 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 85 Resp: 72090
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0

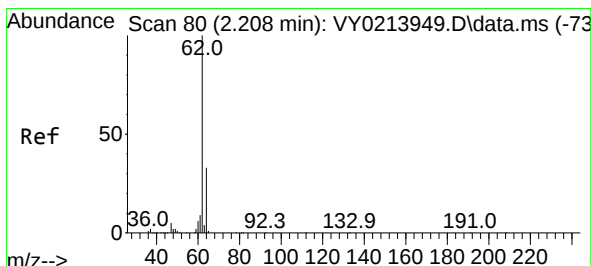
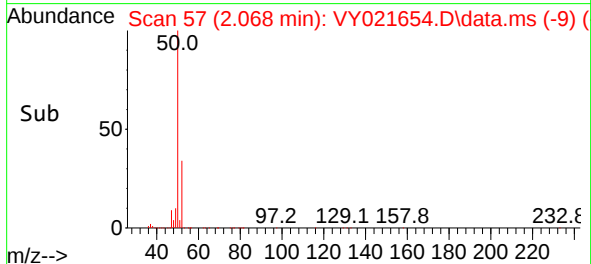
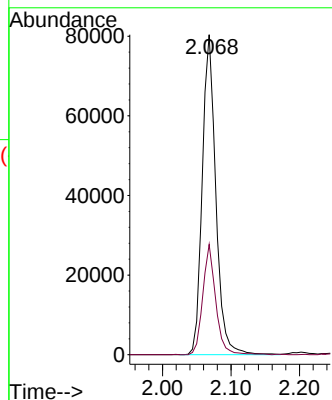
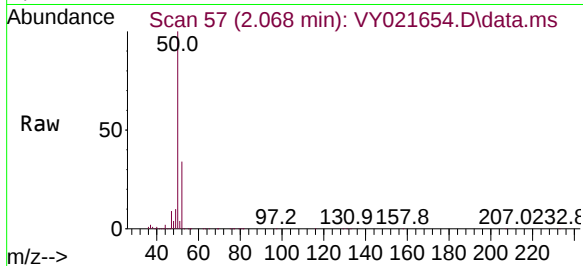




#3
Chloromethane
Concen: 46.281 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

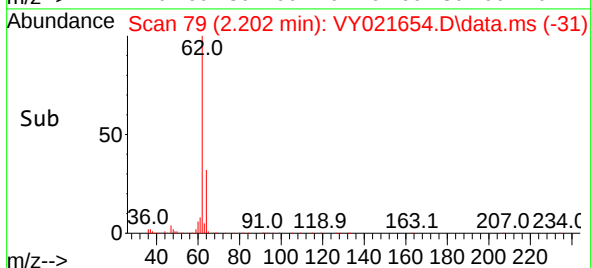
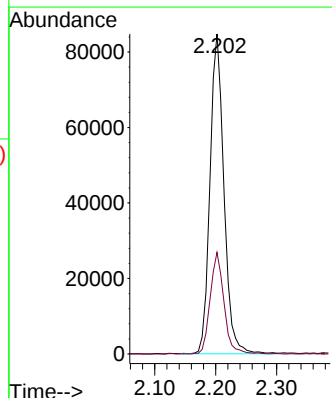
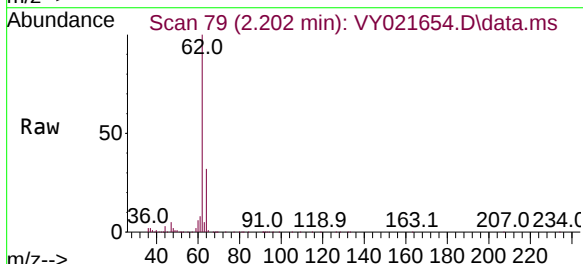
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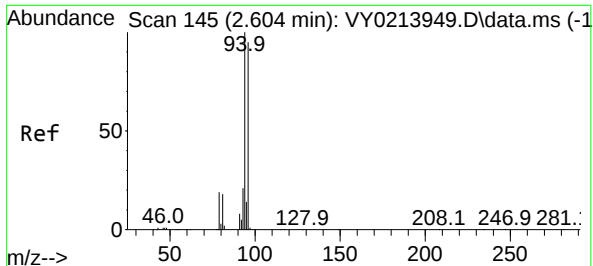
Tgt Ion: 50 Resp: 110957
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 51.440 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 62 Resp: 134770
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

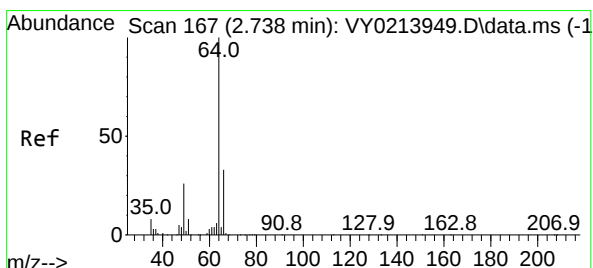
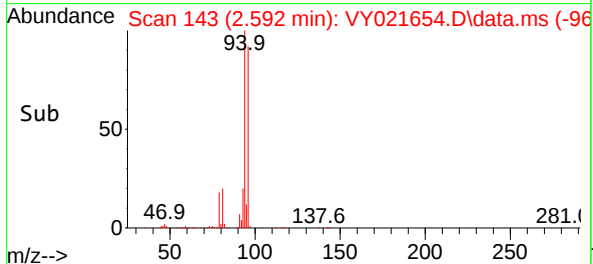
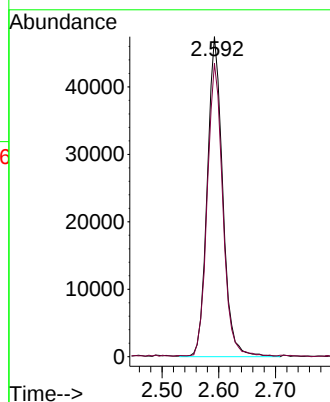
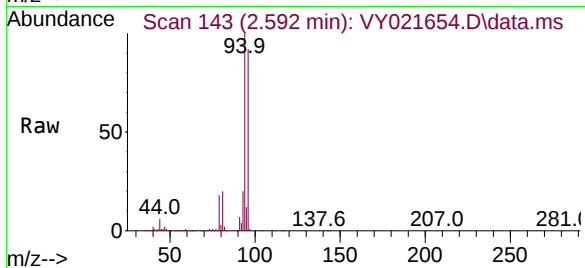




#5
Bromomethane
Concen: 47.453 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

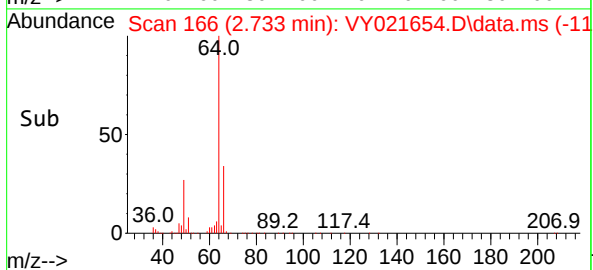
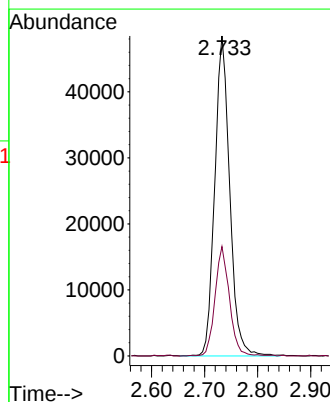
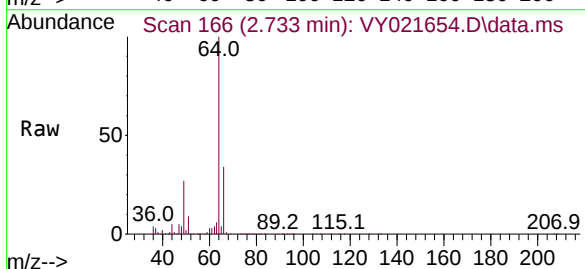
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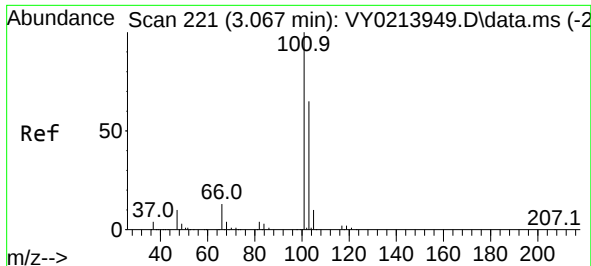
Tgt Ion: 94 Resp: 89854
Ion Ratio Lower Upper
94 100
96 91.3 76.3 114.5



#6
Chloroethane
Concen: 54.964 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 64 Resp: 95163
Ion Ratio Lower Upper
64 100
66 34.2 26.7 40.1

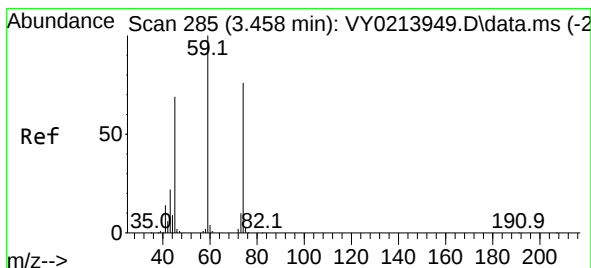
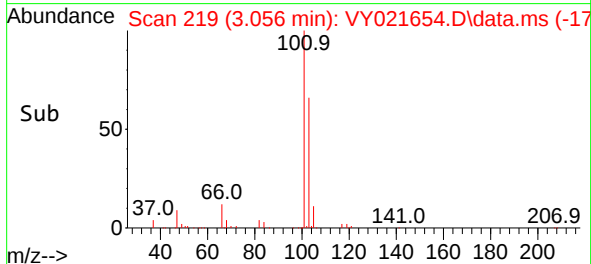
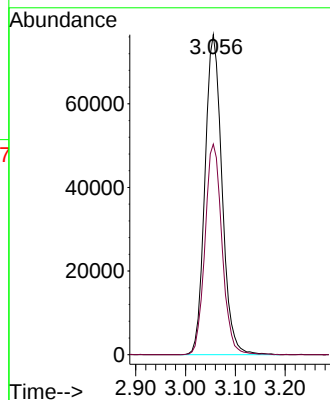
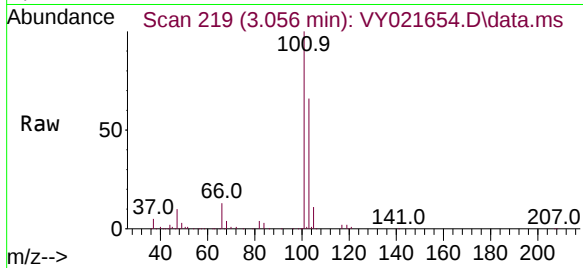




#7
Trichlorofluoromethane
Concen: 49.684 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

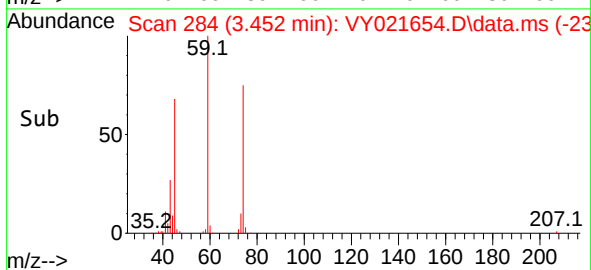
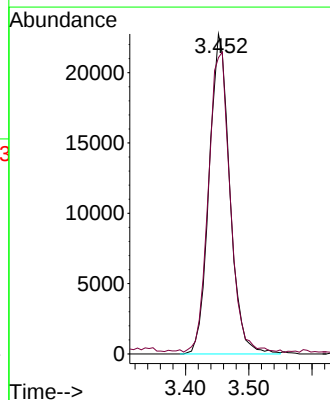
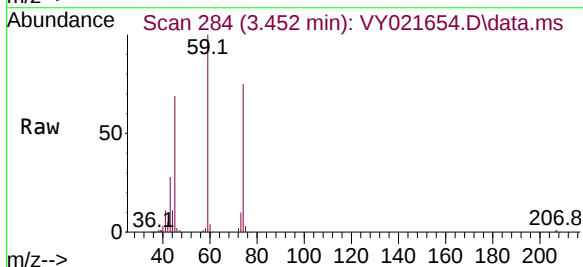
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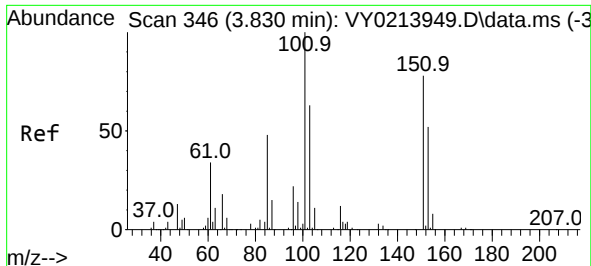
Tgt Ion:101 Resp: 181687
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5



#8
Diethyl Ether
Concen: 50.862 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 74 Resp: 51545
Ion Ratio Lower Upper
74 100
45 99.1 49.7 149.1

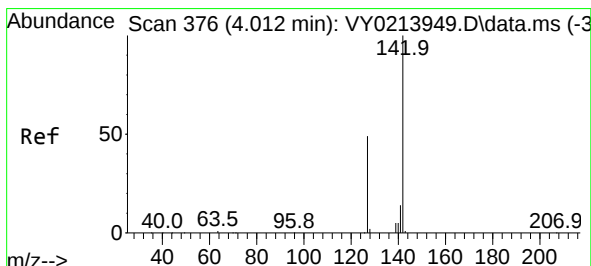
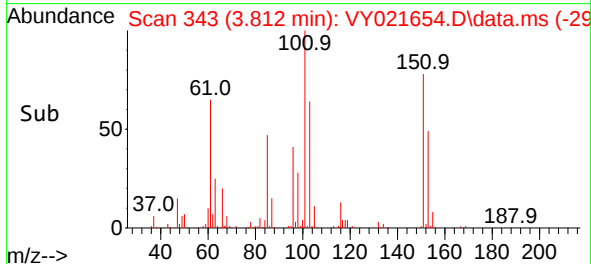
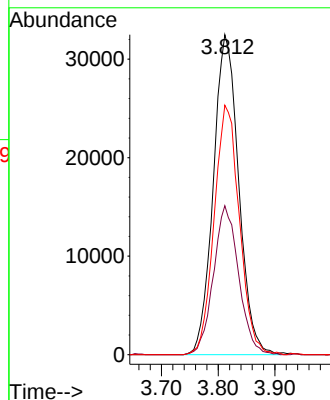
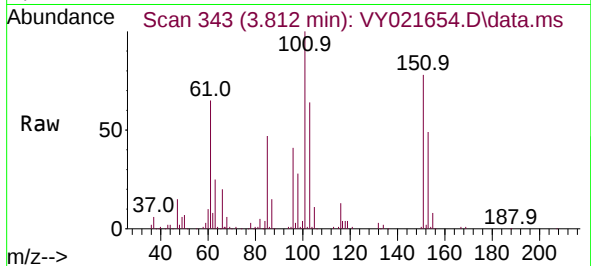




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.381 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

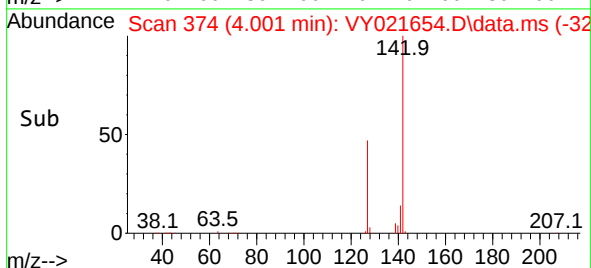
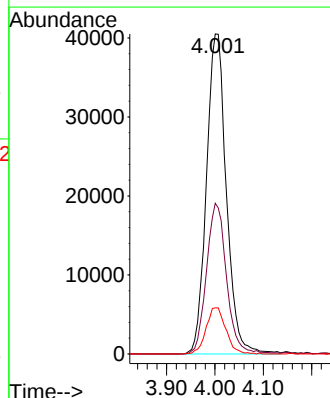
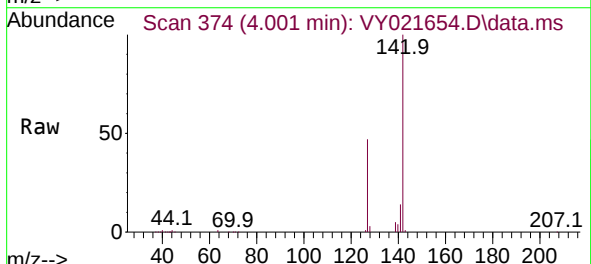
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

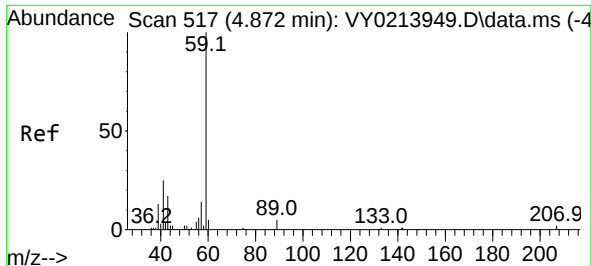
Tgt Ion:101 Resp: 101012
Ion Ratio Lower Upper
101 100
85 46.2 37.1 55.7
151 77.6 62.1 93.1



#10
Methyl Iodide
Concen: 54.630 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:142 Resp: 115942
Ion Ratio Lower Upper
142 100
127 47.4 39.1 58.7
141 14.3 11.8 17.6





#11

Tert butyl alcohol

Concen: 244.359 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

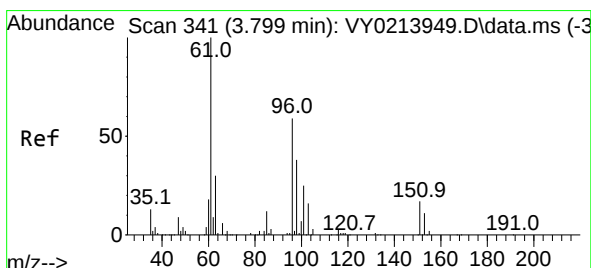
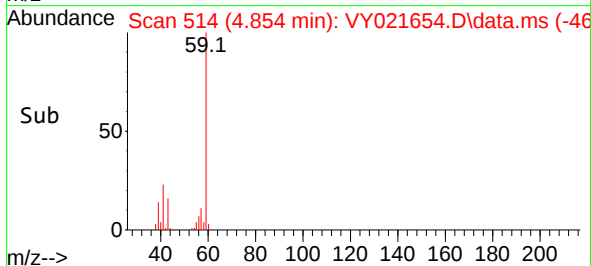
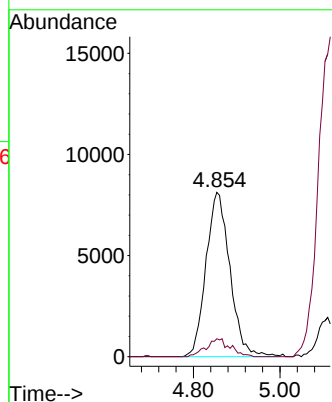
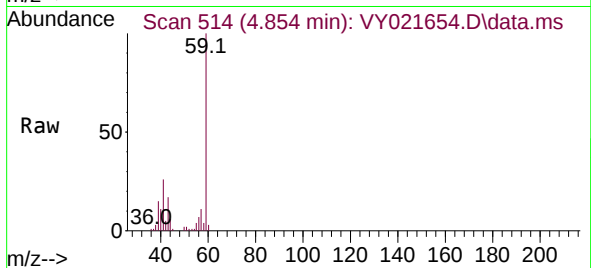
VSTDCCC050EC

Tgt Ion: 59 Resp: 31182

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 47.871 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

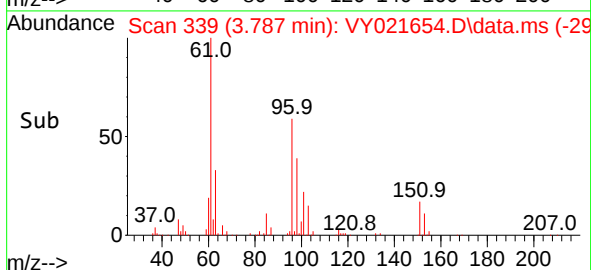
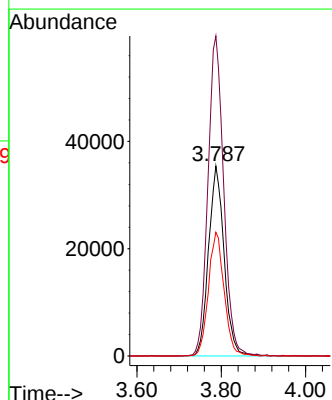
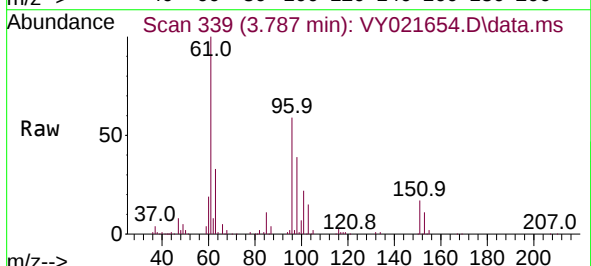
Tgt Ion: 96 Resp: 91122

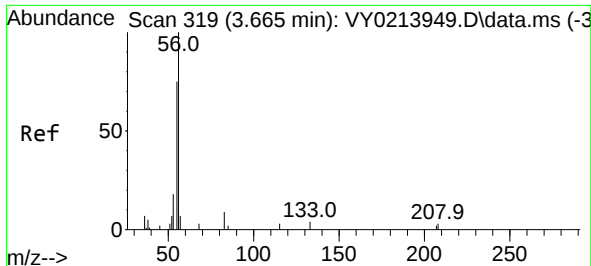
Ion Ratio Lower Upper

96 100

61 168.5 135.2 202.8

98 65.1 51.4 77.2

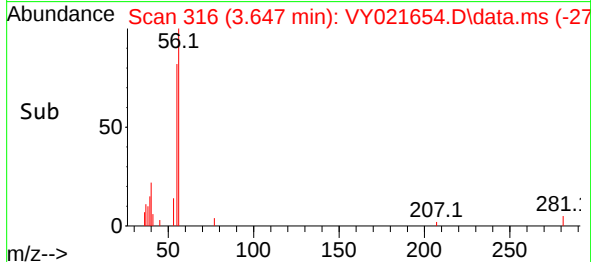
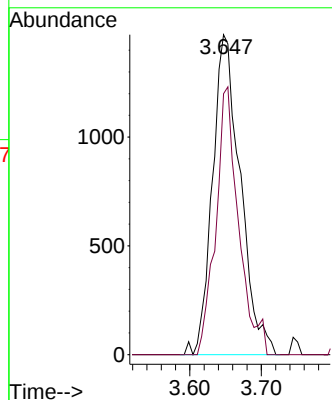
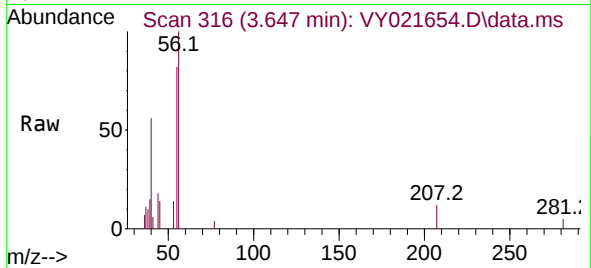




#13
Acrolein
Concen: 39.921 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

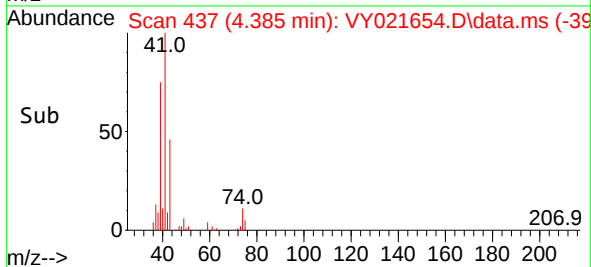
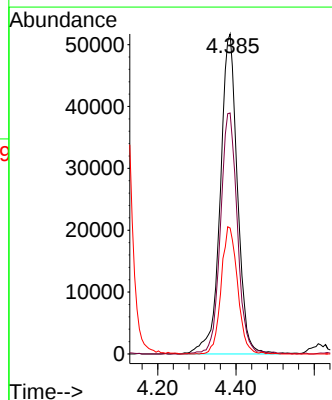
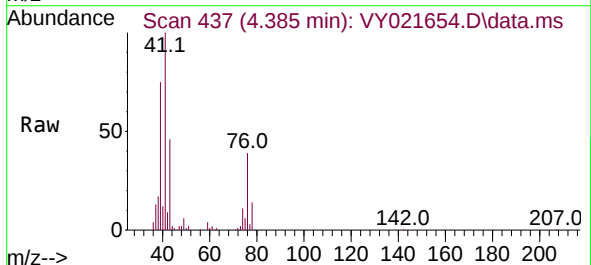
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

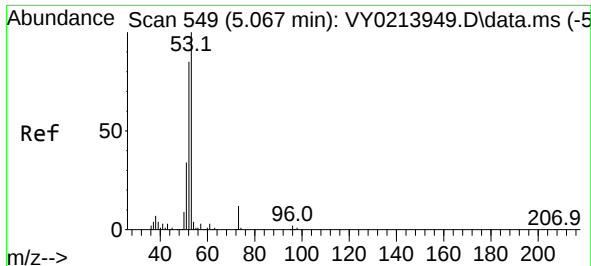
Tgt Ion: 56 Resp: 3977
Ion Ratio Lower Upper
56 100
55 68.6 63.4 95.2



#14
Allyl chloride
Concen: 51.225 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 41 Resp: 157575
Ion Ratio Lower Upper
41 100
39 74.1 59.3 88.9
76 37.9 29.8 44.8

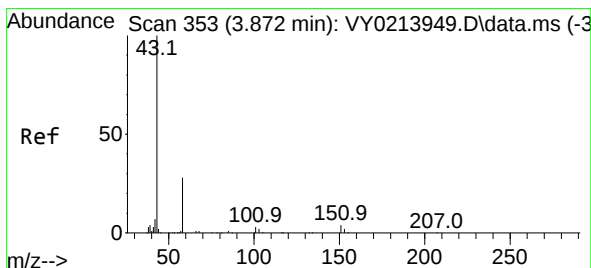
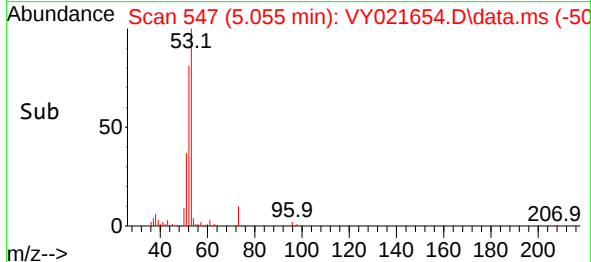
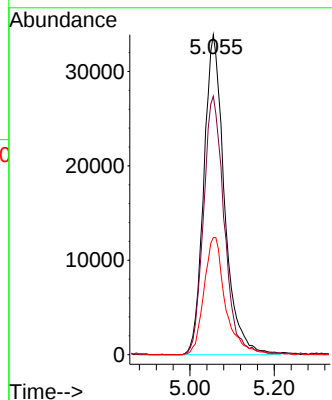
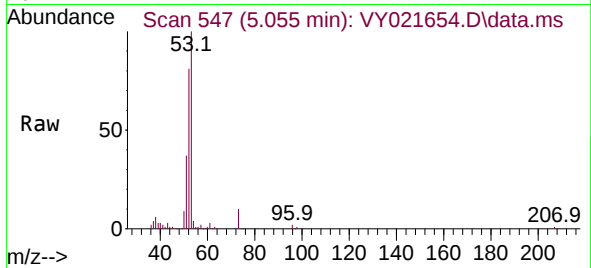




#15
Acrylonitrile
Concen: 267.772 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

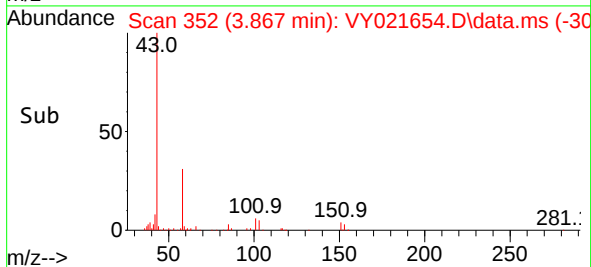
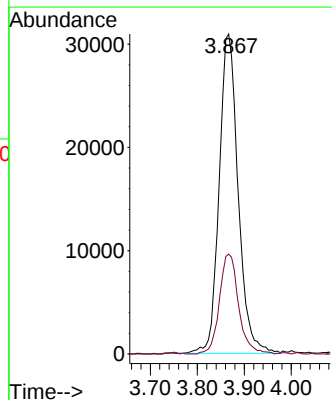
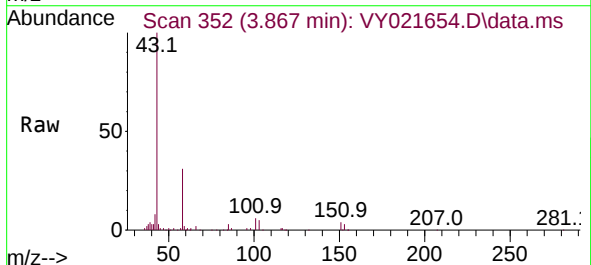
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

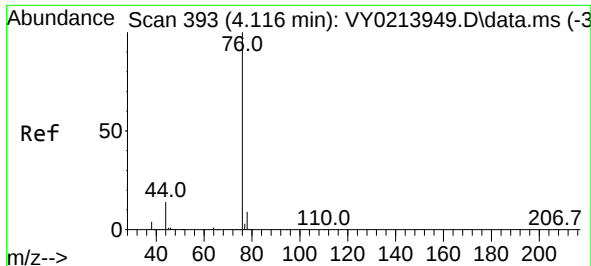
Tgt Ion: 53 Resp: 115518
Ion Ratio Lower Upper
53 100
52 81.5 66.3 99.5
51 38.1 30.3 45.5



#16
Acetone
Concen: 203.397 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 43 Resp: 86888
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1

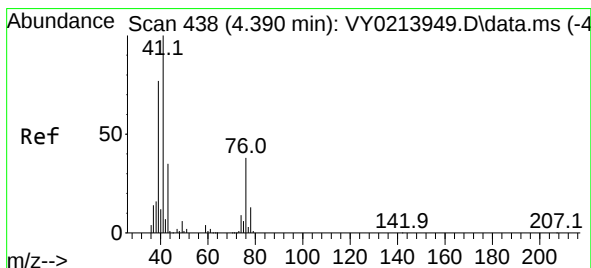
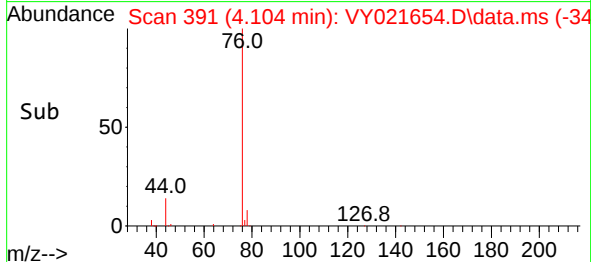
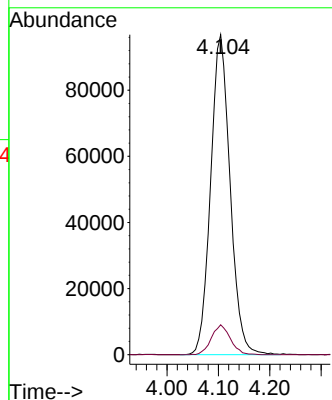
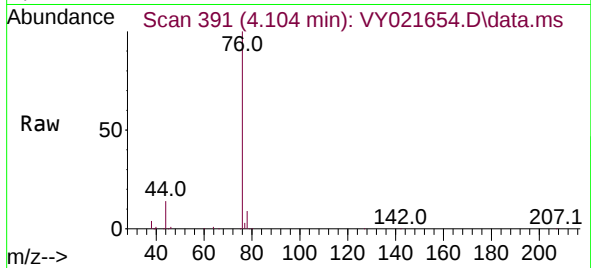




#17
Carbon Disulfide
Concen: 42.684 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

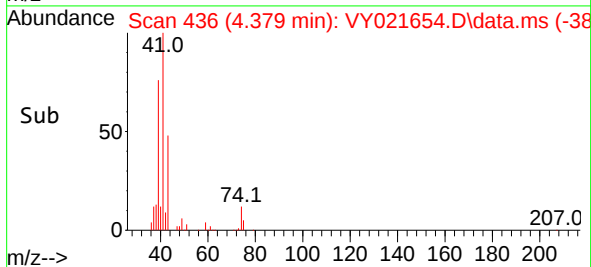
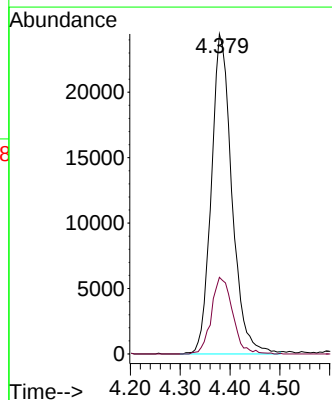
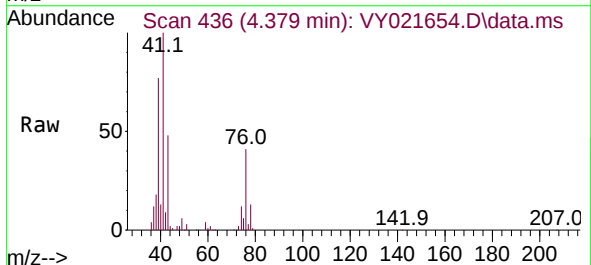
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

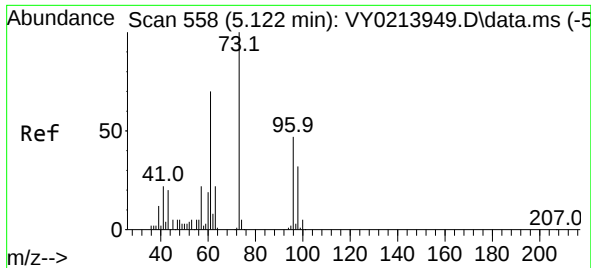
Tgt Ion: 76 Resp: 254633
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 74.091 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 43 Resp: 70227
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0

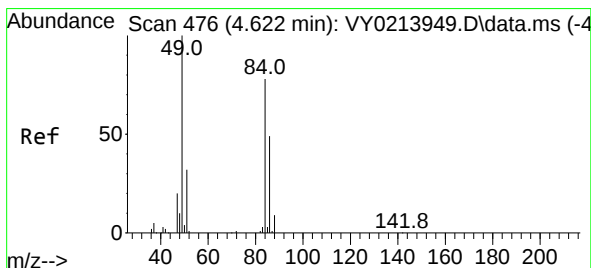
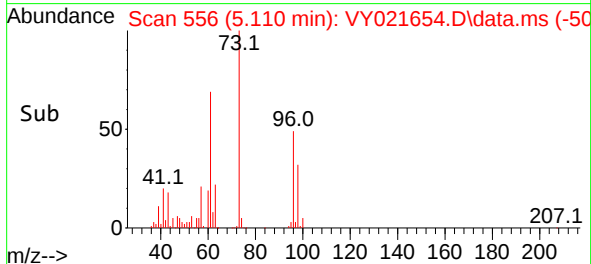
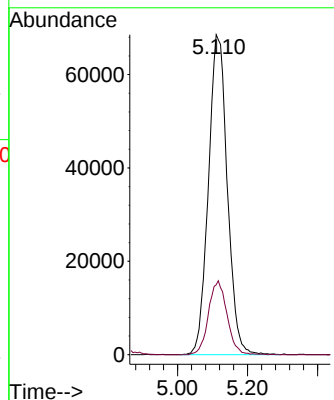
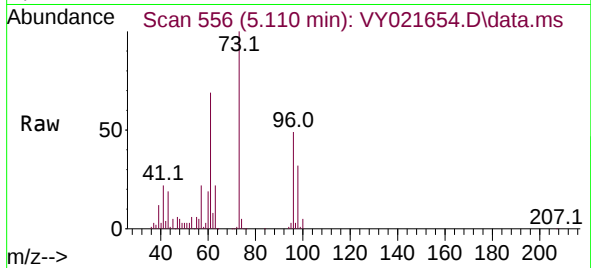




#19
Methyl tert-butyl Ether
Concen: 53.285 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

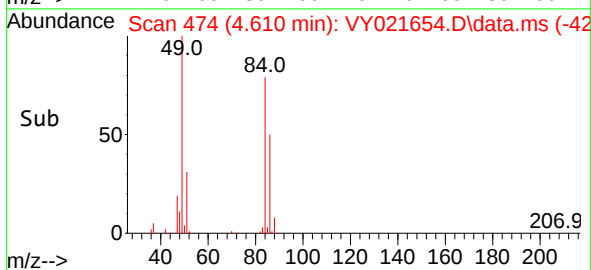
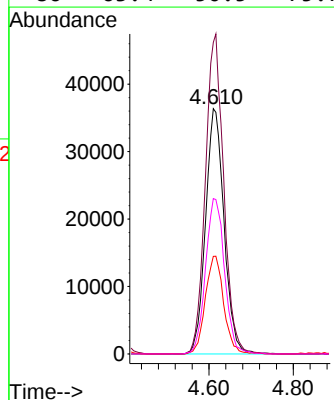
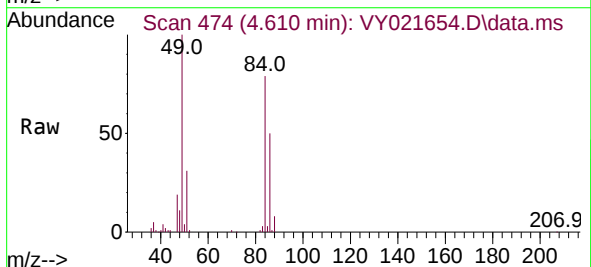
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 257076
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 49.513 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 84 Resp: 111027
Ion Ratio Lower Upper
84 100
49 127.0 102.0 153.0
51 39.8 33.0 49.6
86 63.4 50.5 75.7

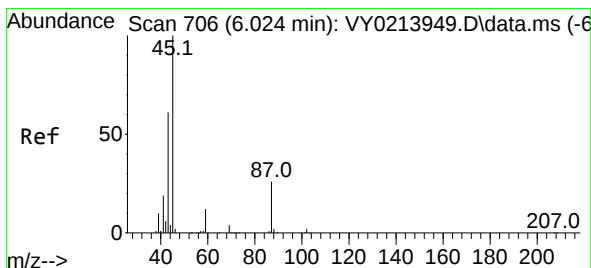
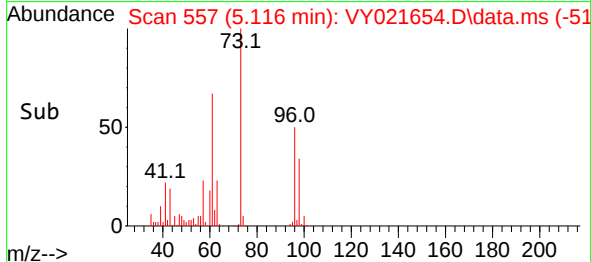
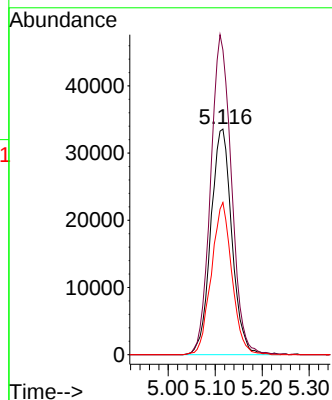
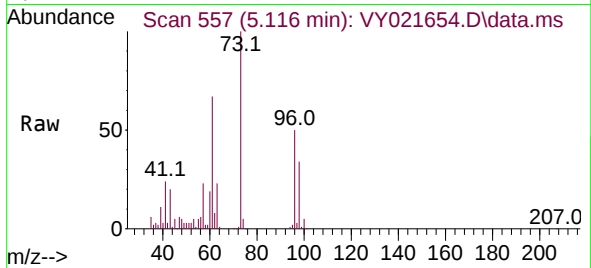




#21
trans-1,2-Dichloroethene
Concen: 49.181 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

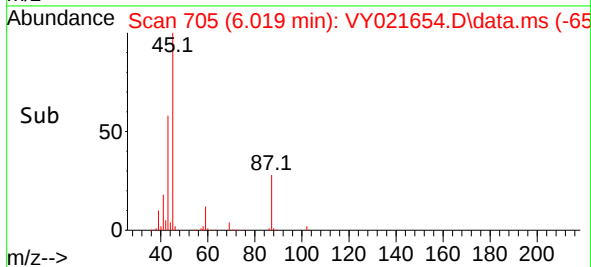
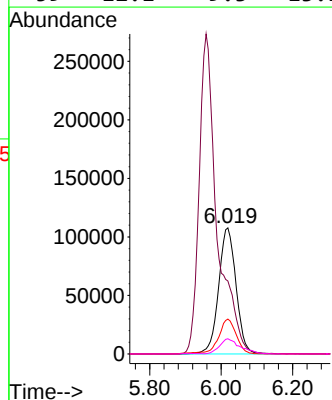
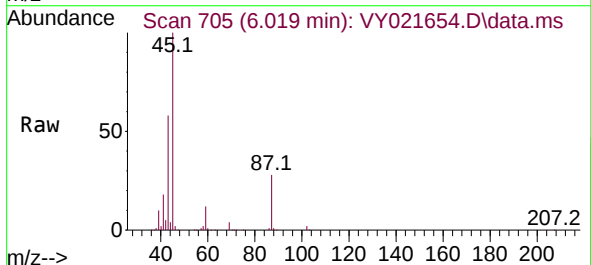
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

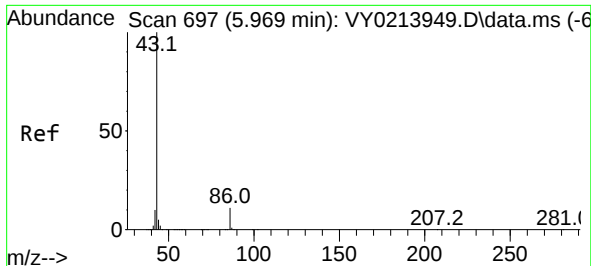
Tgt Ion: 96 Resp: 104843
Ion Ratio Lower Upper
96 100
61 135.0 111.5 167.3
98 67.4 53.8 80.8



#22
Diisopropyl ether
Concen: 55.007 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 45 Resp: 364666
Ion Ratio Lower Upper
45 100
43 57.9 48.7 73.1
87 27.6 21.5 32.3
59 12.1 9.3 13.9

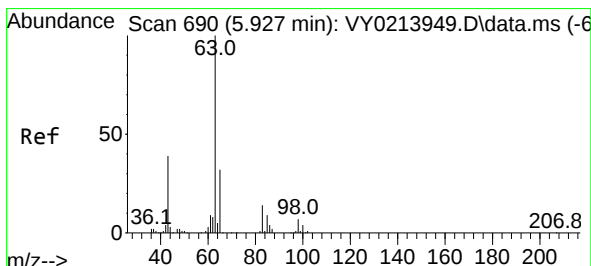
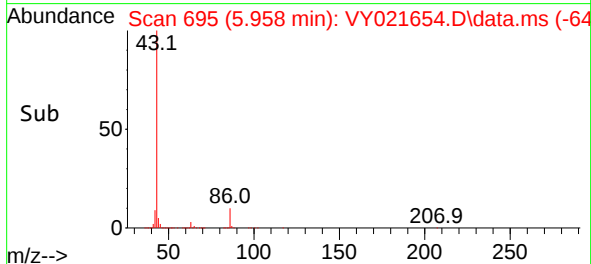
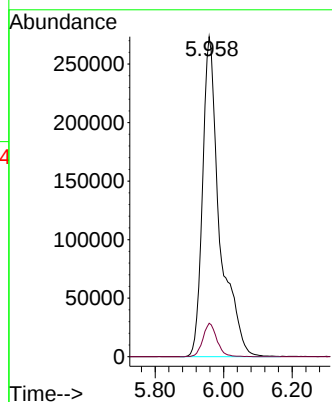
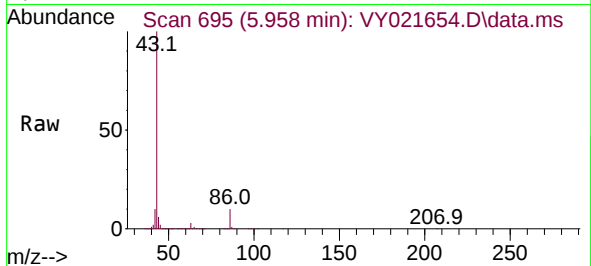




#23
 Vinyl Acetate
 Concen: 251.546 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

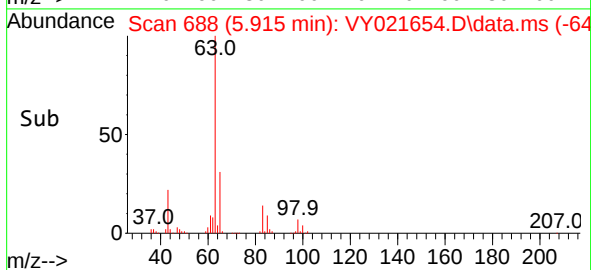
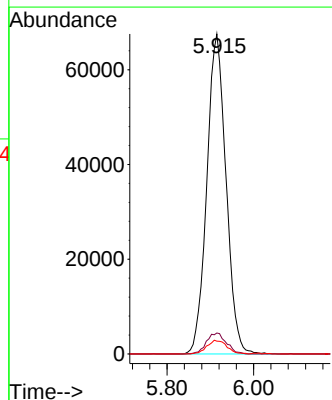
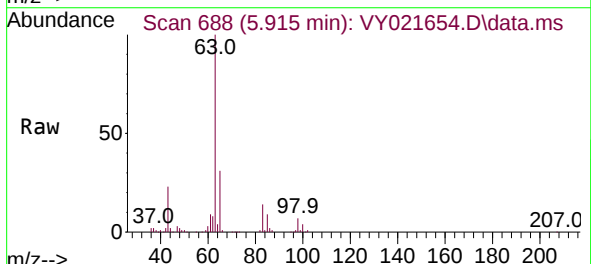
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

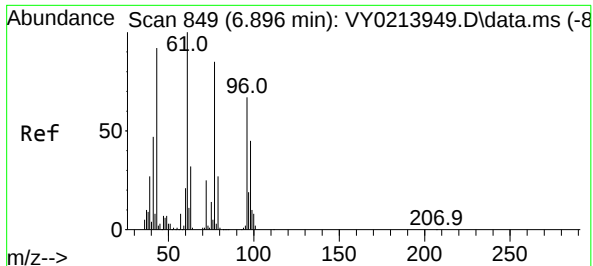
Tgt Ion: 43 Resp: 951711
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.197 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion: 63 Resp: 208140
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 241.135 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

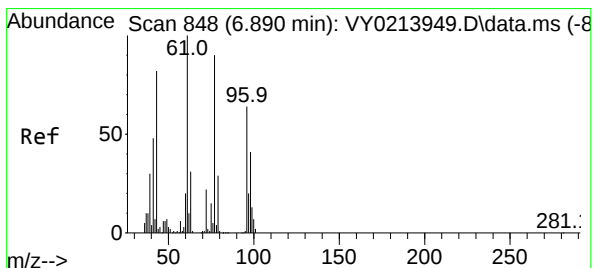
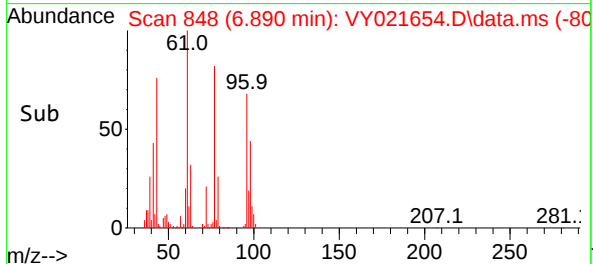
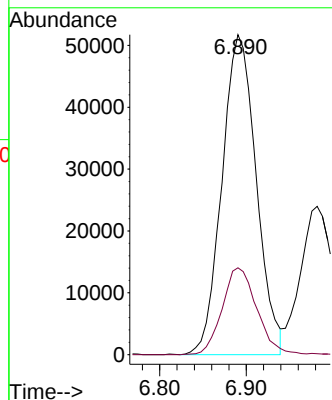
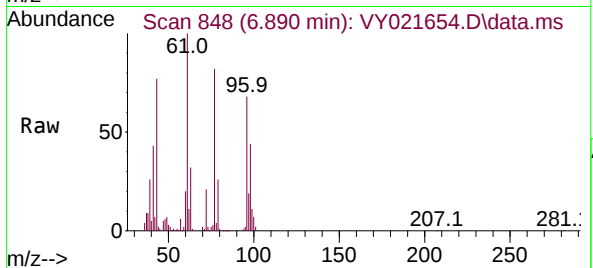
VSTDCCC050EC

Tgt Ion: 43 Resp: 142493

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.639 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021654.D

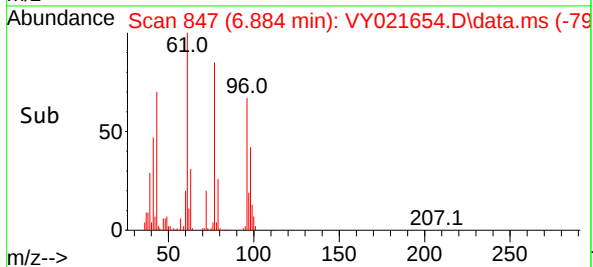
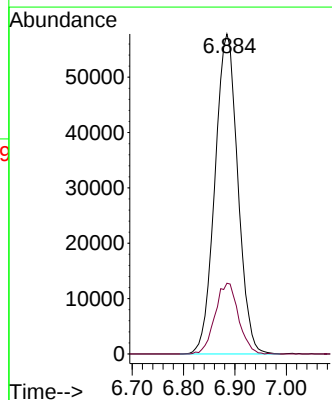
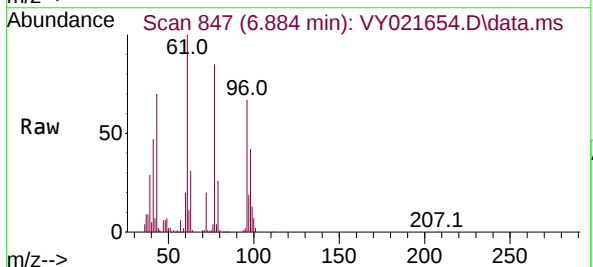
Acq: 26 Mar 2025 18:07

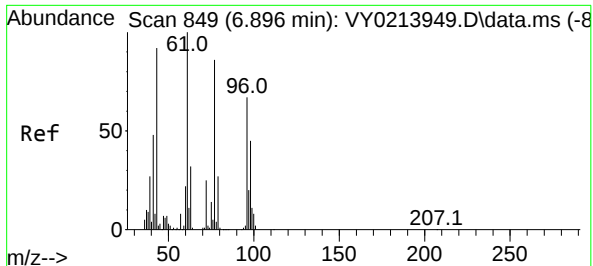
Tgt Ion: 77 Resp: 178706

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8

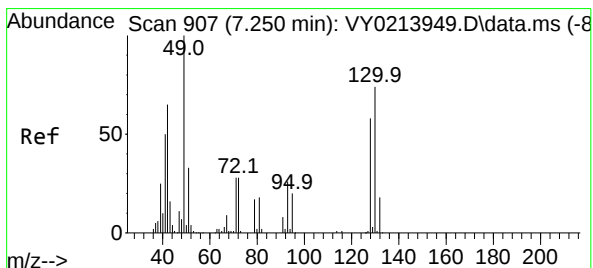
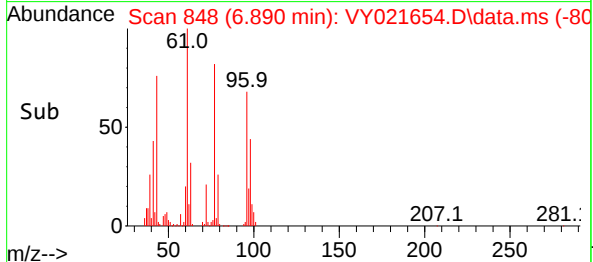
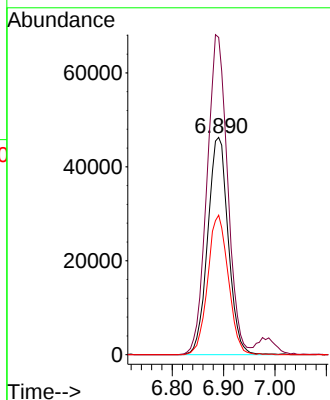
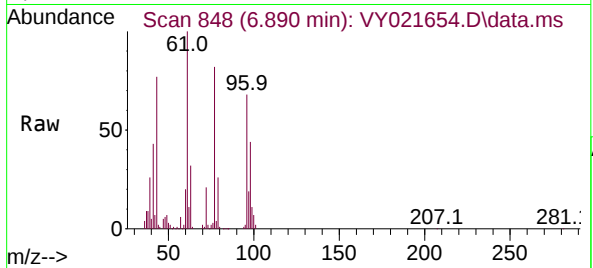




#27
 cis-1,2-Dichloroethene
 Concen: 52.986 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

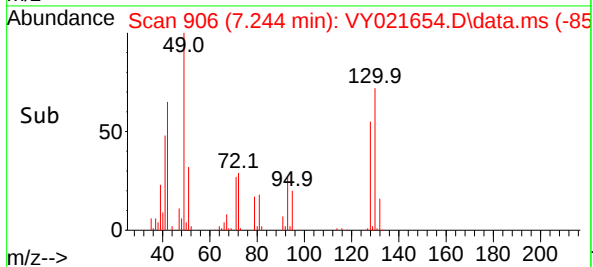
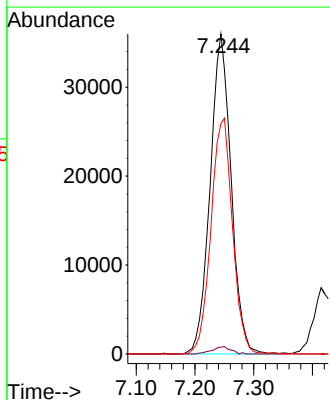
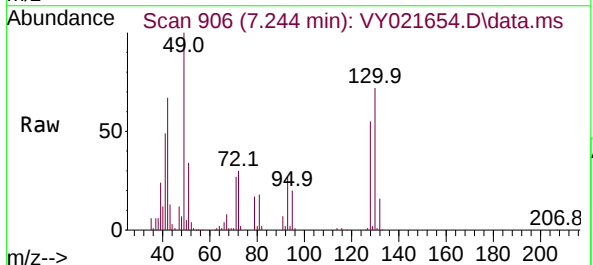
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

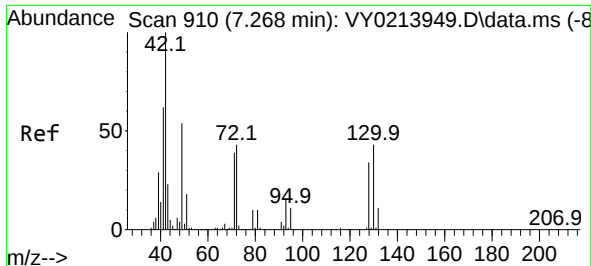
Tgt Ion: 96 Resp: 128320
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 300.8
 98 64.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 54.375 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion: 49 Resp: 89194
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 75.6 59.6 89.4

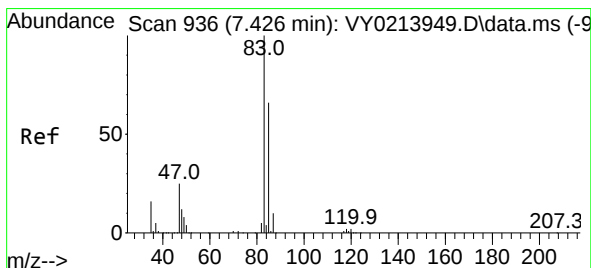
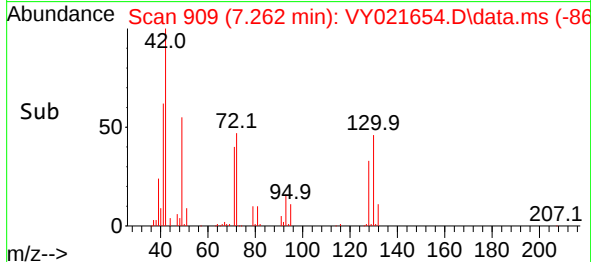
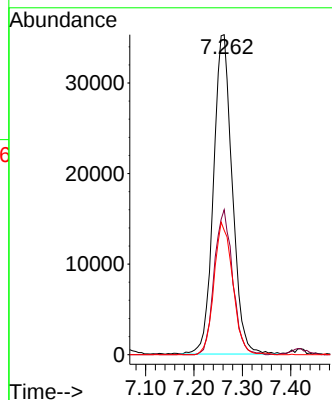
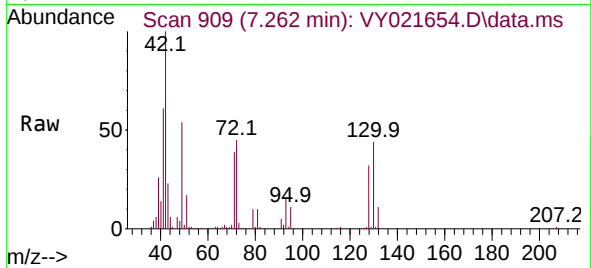




#29
Tetrahydrofuran
Concen: 260.660 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

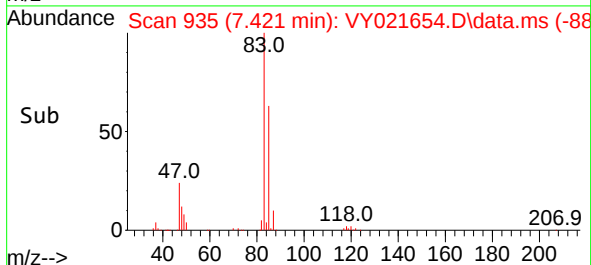
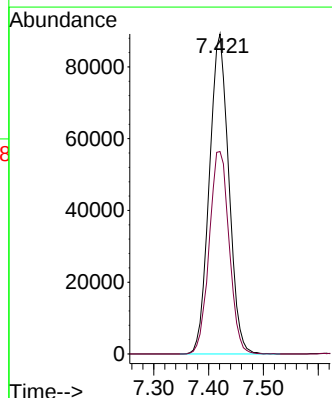
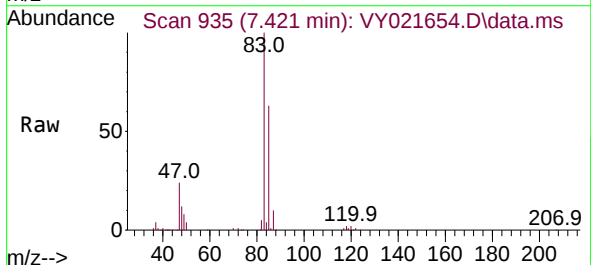
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

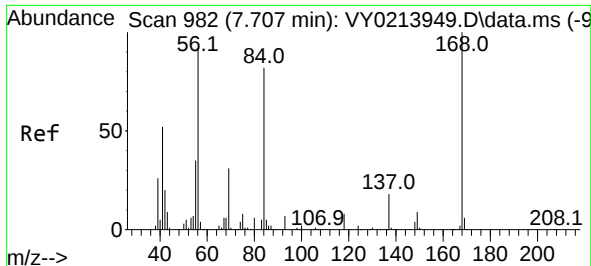
Tgt Ion: 42 Resp: 95091
Ion Ratio Lower Upper
42 100
72 44.3 34.8 52.2
71 41.2 32.6 48.8



#30
Chloroform
Concen: 53.919 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 83 Resp: 219069
Ion Ratio Lower Upper
83 100
85 63.2 53.1 79.7

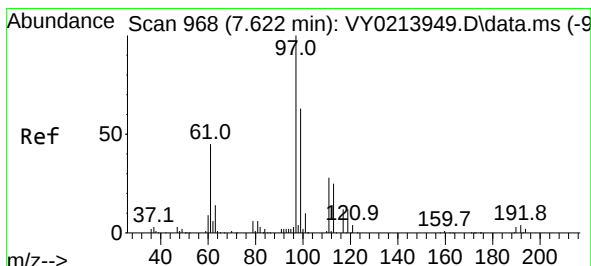
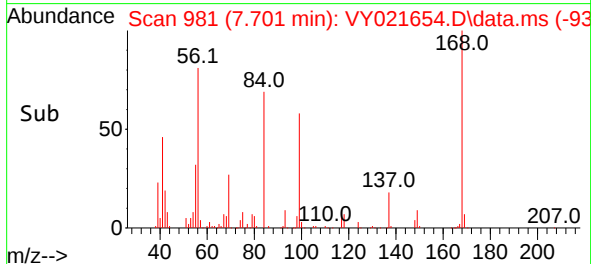
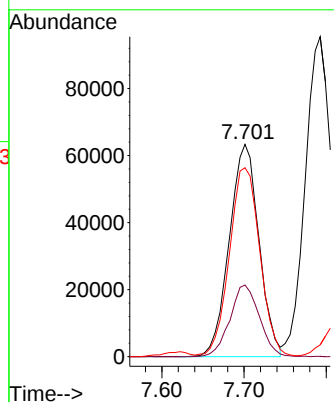
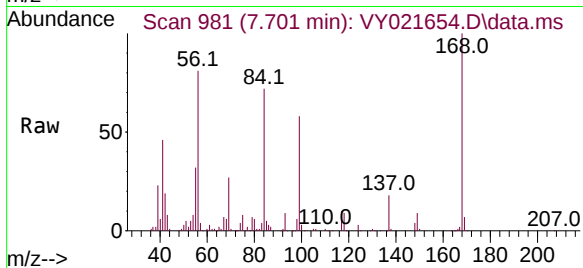




#31
Cyclohexane
Concen: 43.305 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

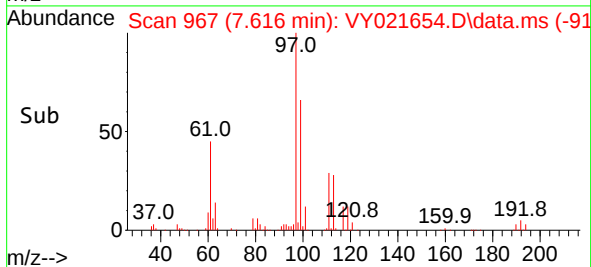
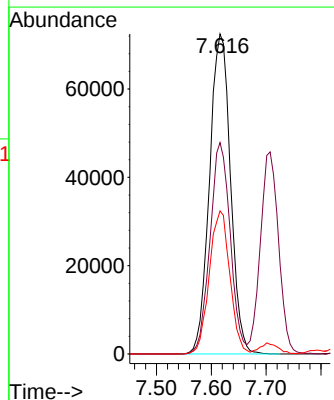
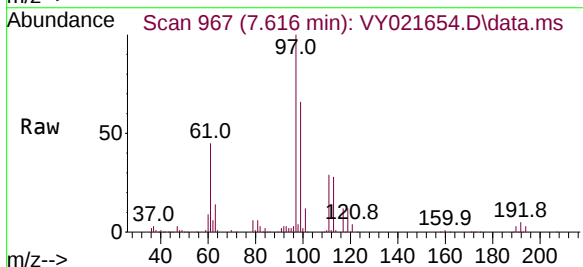
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

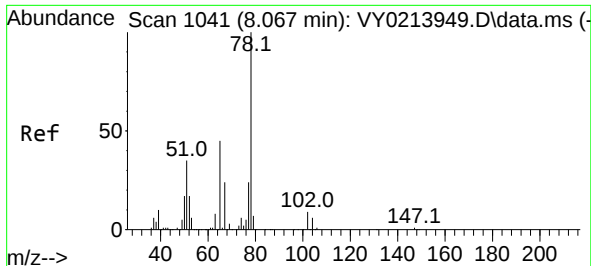
Tgt Ion: 56 Resp: 158849
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 86.7 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.674 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 97 Resp: 192235
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 43.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 44.504 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

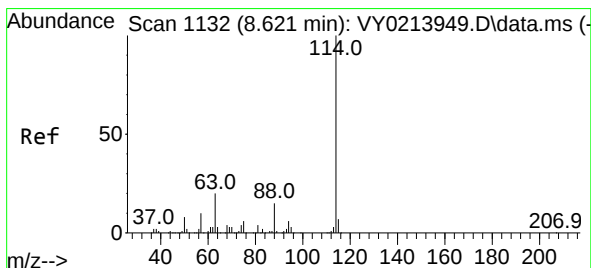
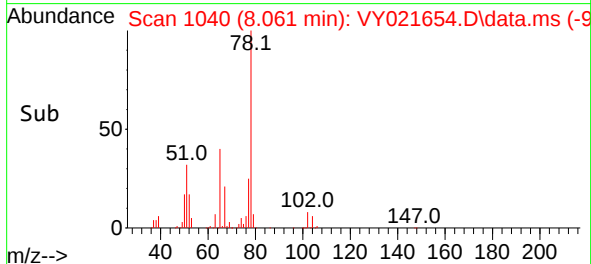
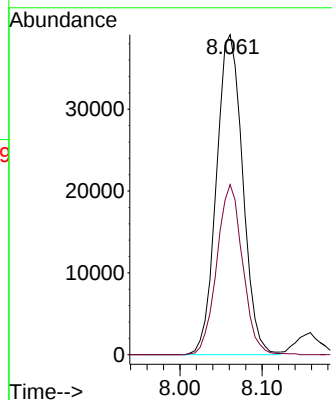
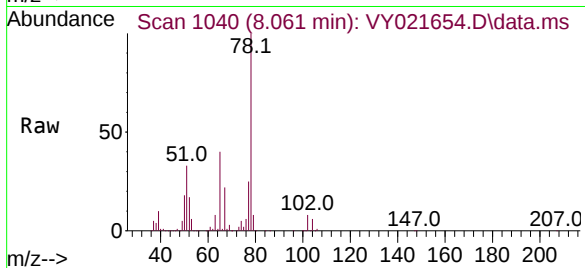
VSTDCCC050EC

Tgt Ion: 65 Resp: 87165

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

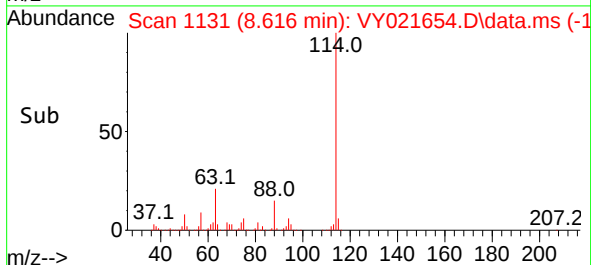
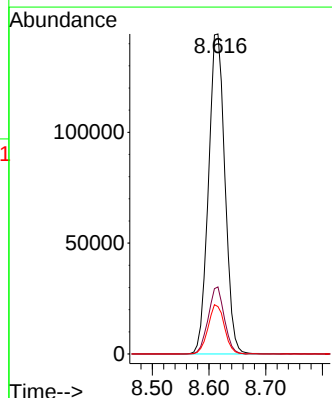
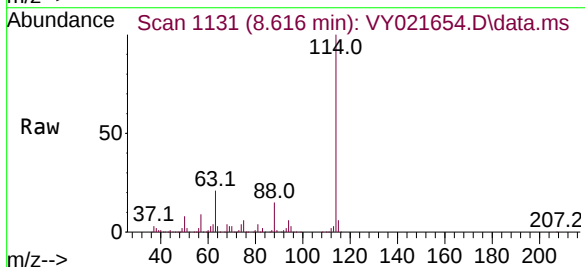
Tgt Ion: 114 Resp: 290808

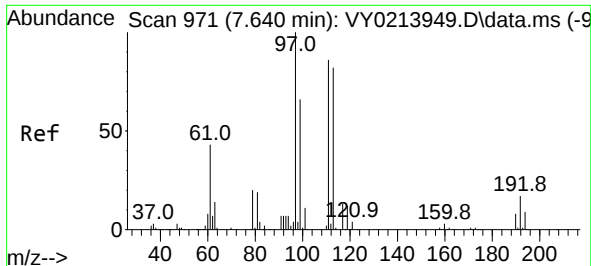
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 45.285 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

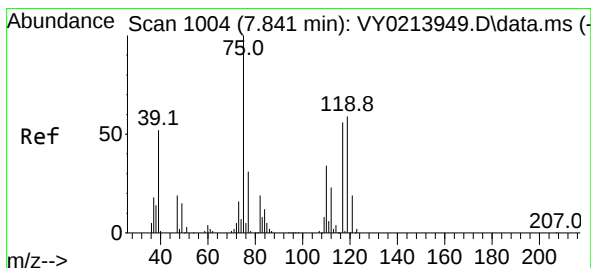
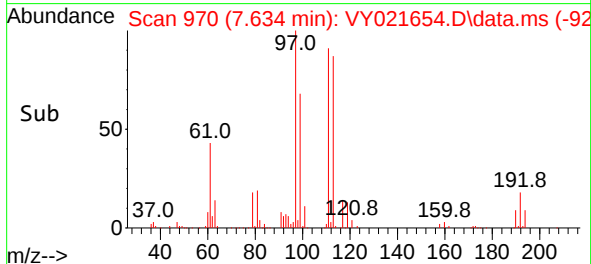
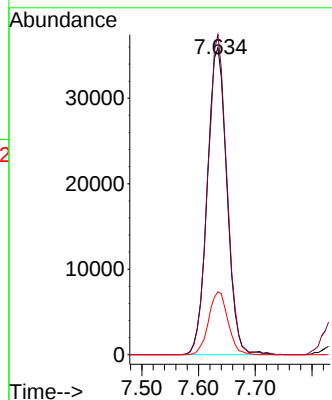
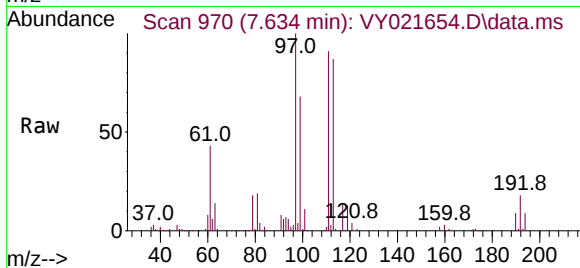
Tgt Ion:113 Resp: 86564

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 20.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.663 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

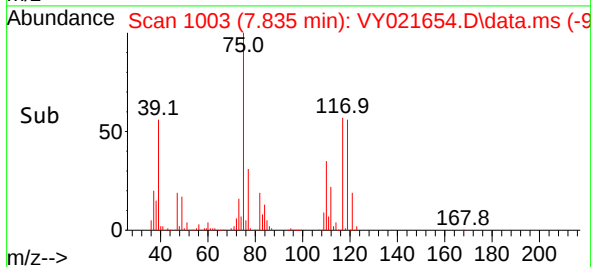
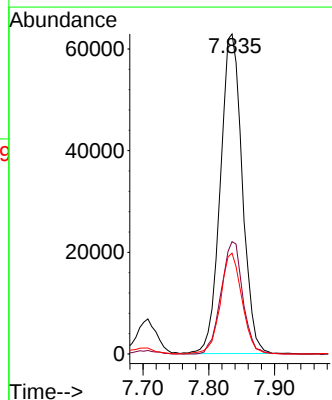
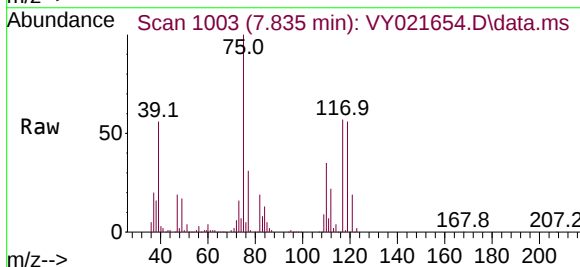
Tgt Ion: 75 Resp: 145605

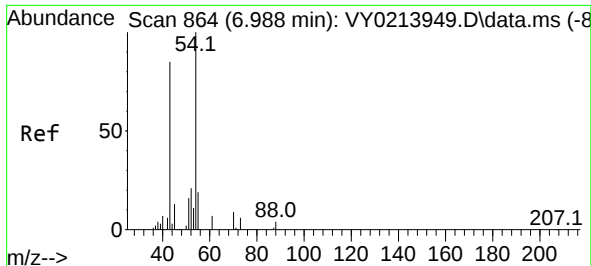
Ion Ratio Lower Upper

75 100

110 34.8 17.3 51.7

77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 50.971 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

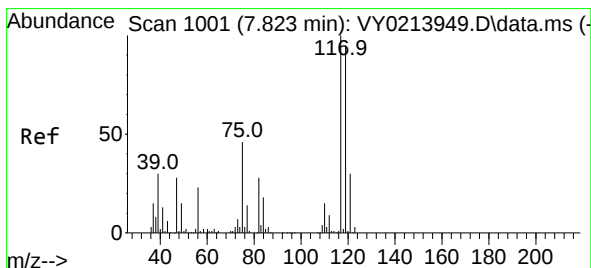
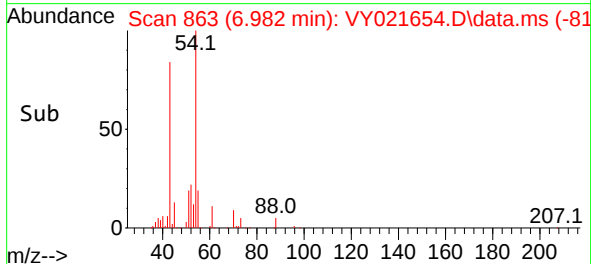
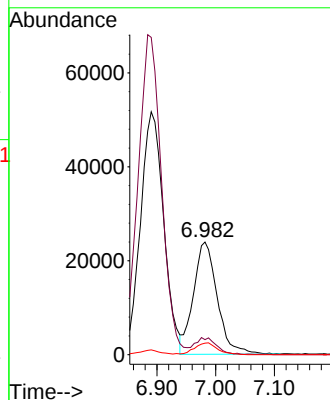
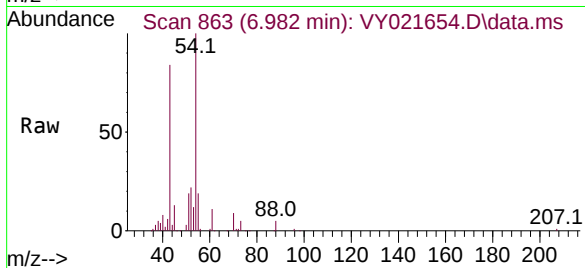
Tgt Ion: 43 Resp: 67408

Ion Ratio Lower Upper

43 100

61 13.7 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 49.968 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

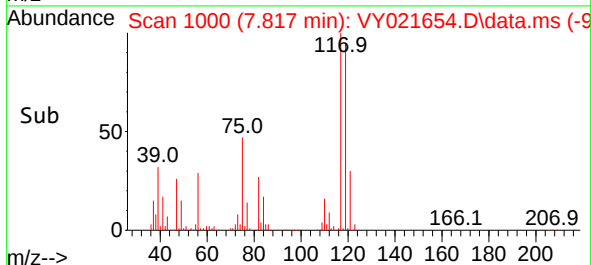
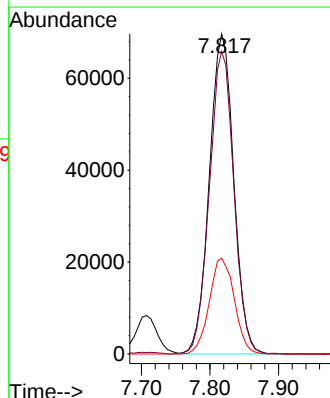
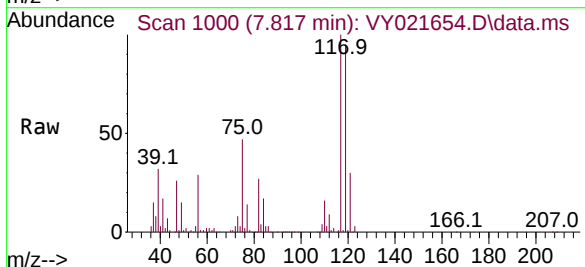
Tgt Ion: 117 Resp: 171949

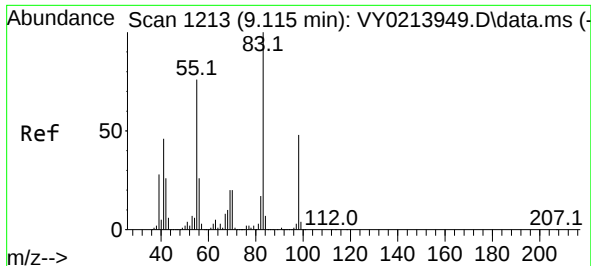
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

121 29.9 23.9 35.9

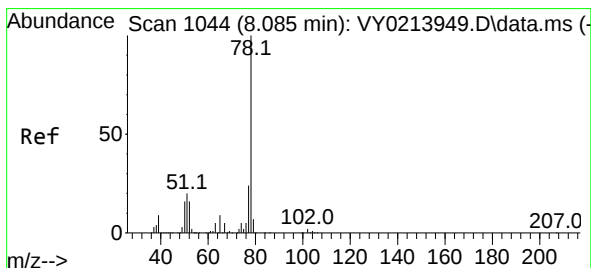
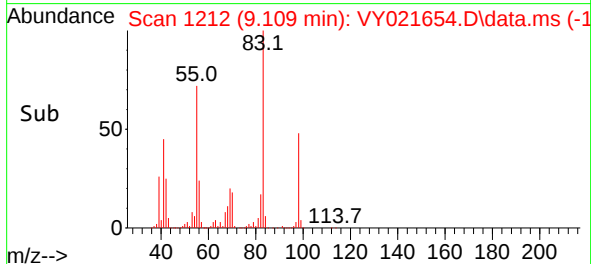
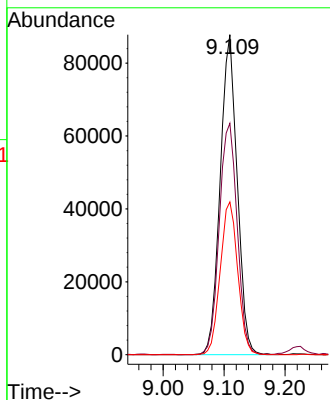
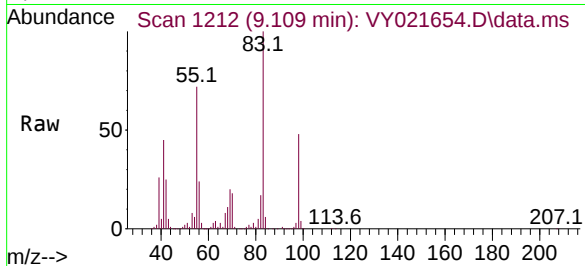




#39
Methylcyclohexane
Concen: 46.324 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

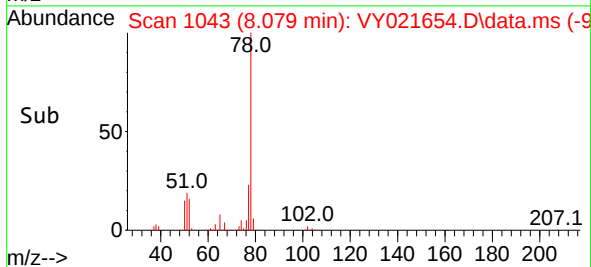
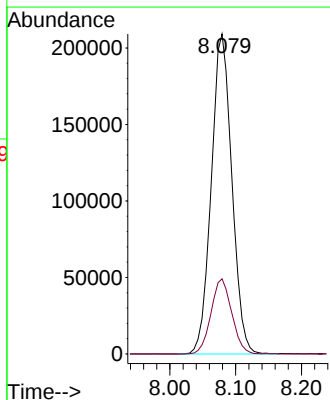
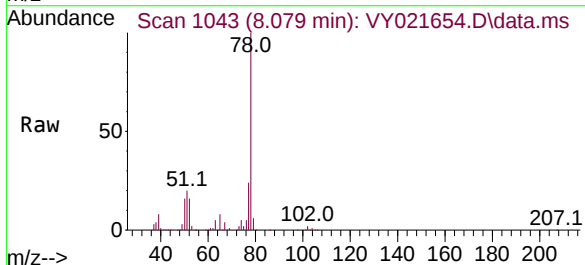
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

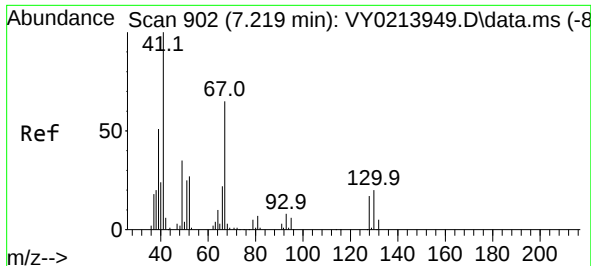
Tgt Ion: 83 Resp: 170020
Ion Ratio Lower Upper
83 100
55 72.3 60.7 91.1
98 47.8 38.6 57.8



#40
Benzene
Concen: 51.667 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 78 Resp: 455401
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

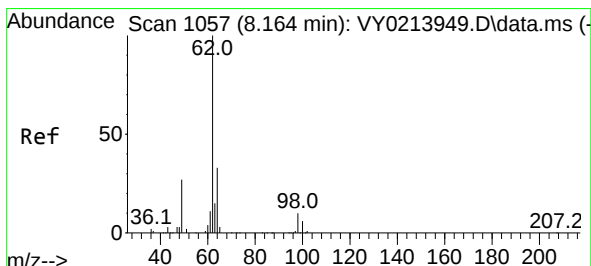
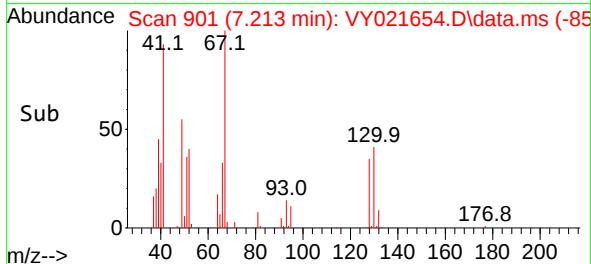
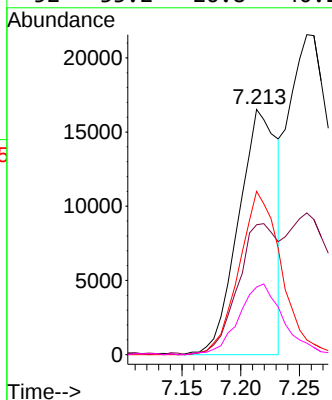
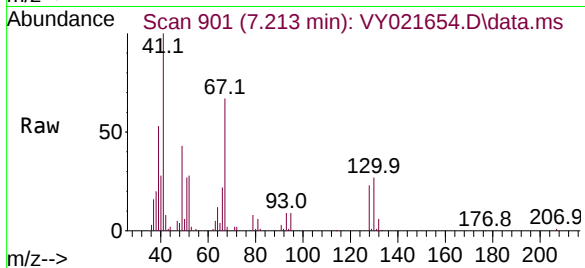




#41
Methacrylonitrile
Concen: 52.511 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

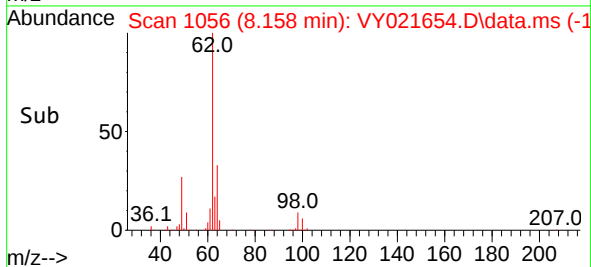
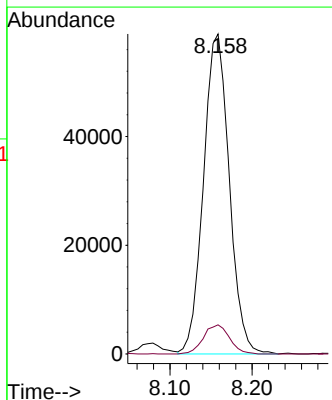
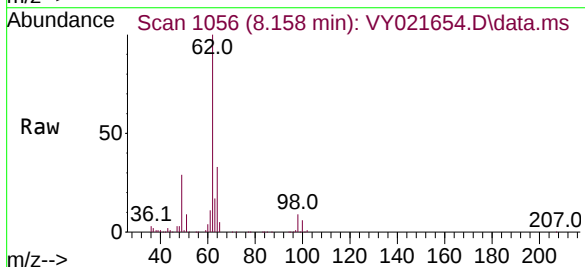
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

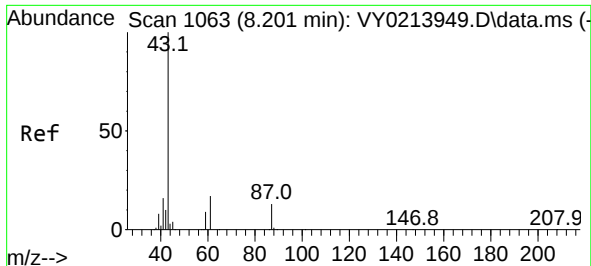
Tgt Ion:	41	Resp:	37813
Ion	Ratio	Lower	Upper
41	100		
39	54.5	35.0	52.6#
67	73.0	61.2	91.8
52	33.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 51.992 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:	62	Resp:	128203
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

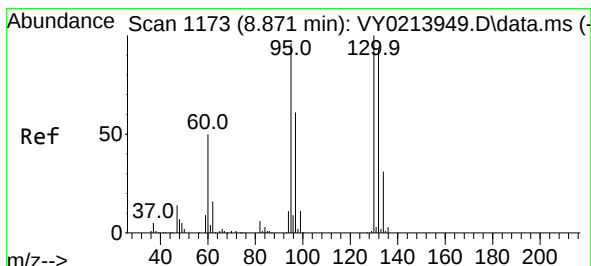
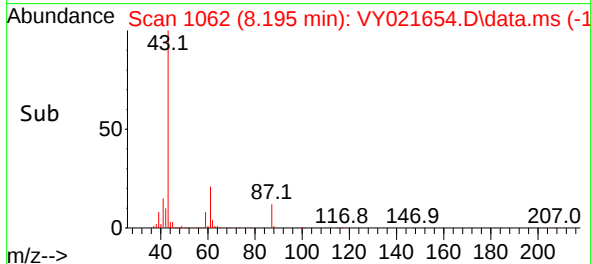
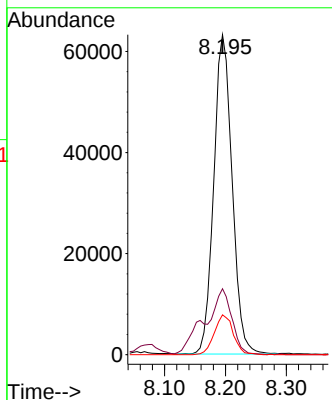
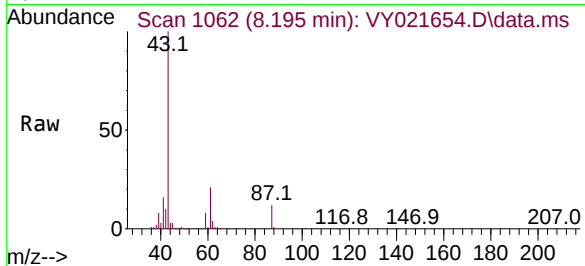




#43
Isopropyl Acetate
Concen: 51.544 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

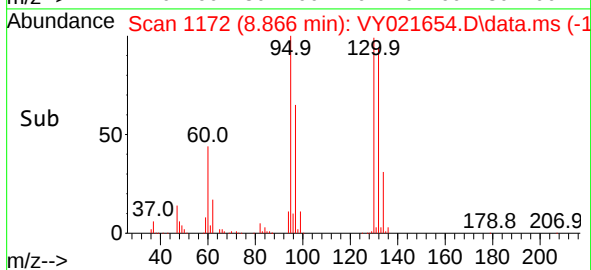
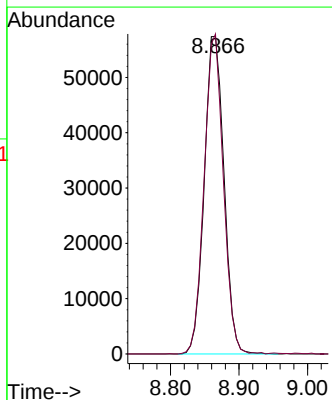
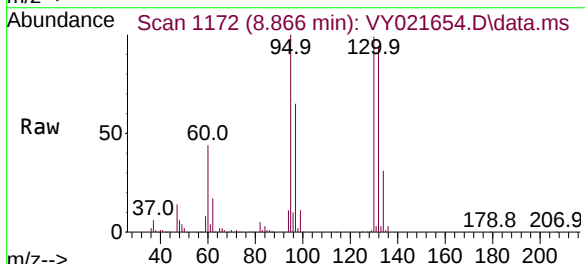
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 132327
Ion Ratio Lower Upper
43 100
61 20.3 23.4 35.0#
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 51.710 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:130 Resp: 115176
Ion Ratio Lower Upper
130 100
95 100.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 53.848 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

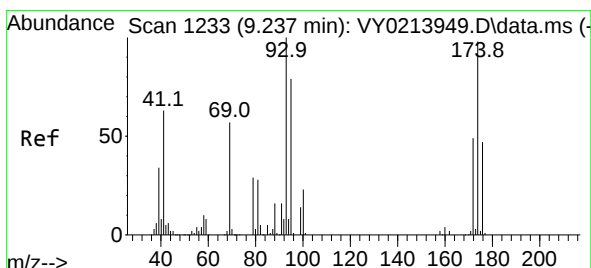
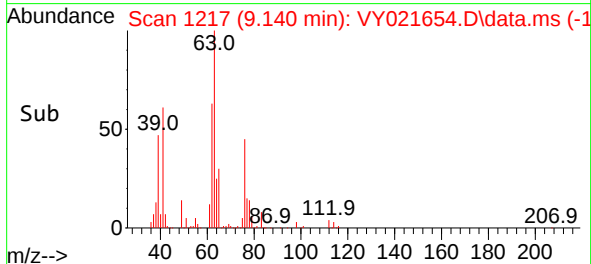
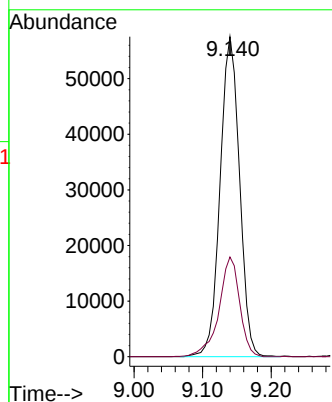
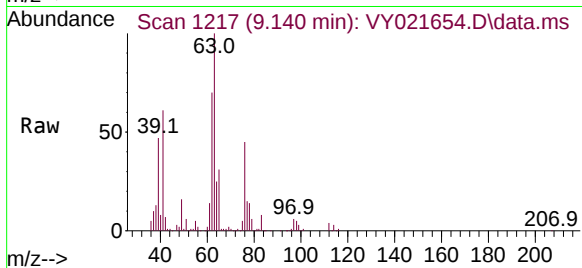
VSTDCCC050EC

Tgt Ion: 63 Resp: 112962

Ion Ratio Lower Upper

63 100

65 31.2 26.0 39.0



#46

Dibromomethane

Concen: 52.903 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

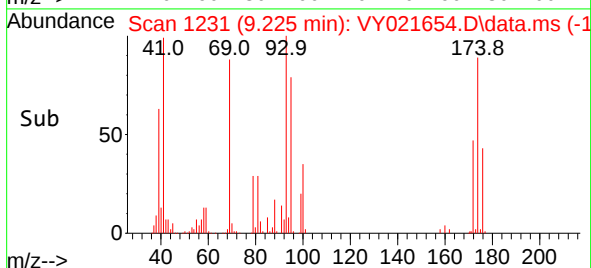
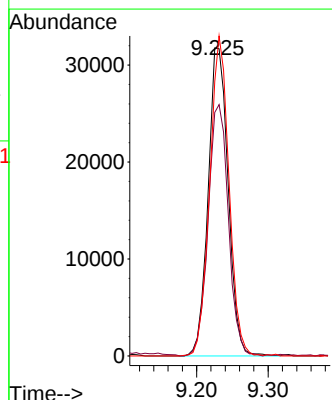
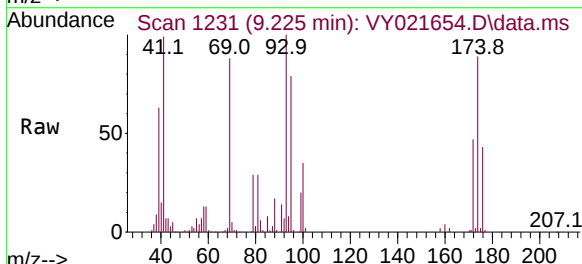
Tgt Ion: 93 Resp: 61750

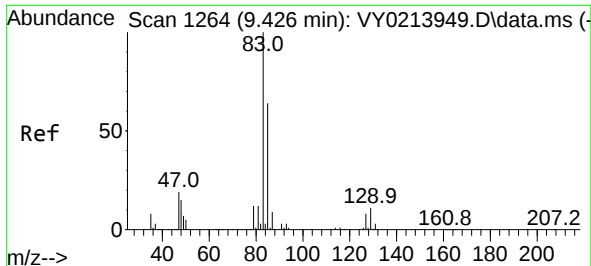
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 99.9 77.9 116.9

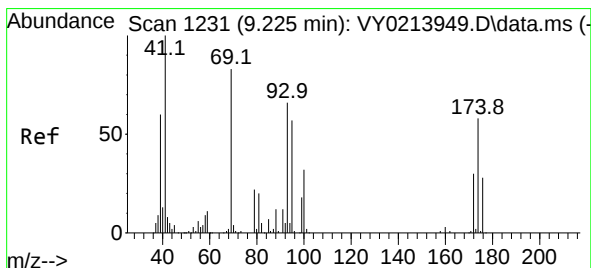
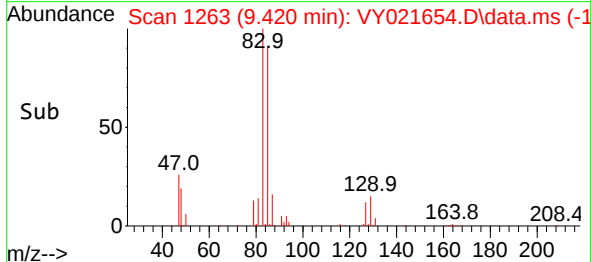
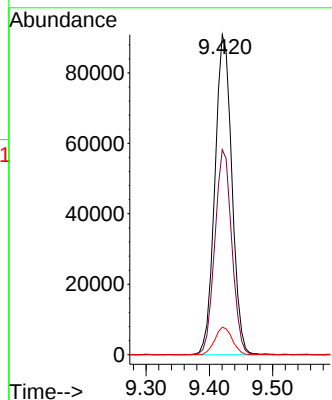
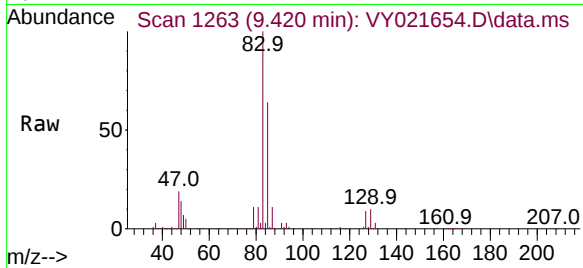




#47
Bromodichloromethane
Concen: 54.463 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

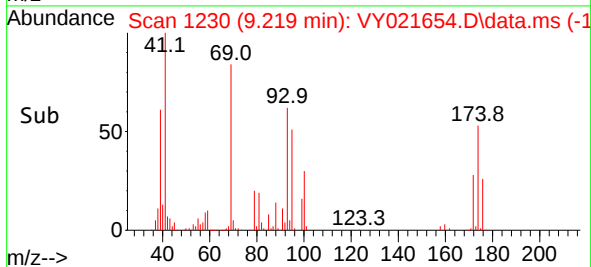
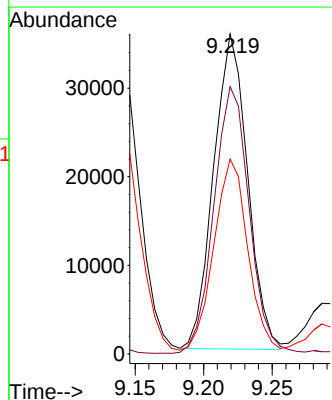
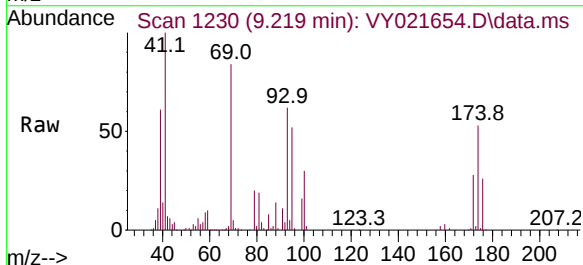
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

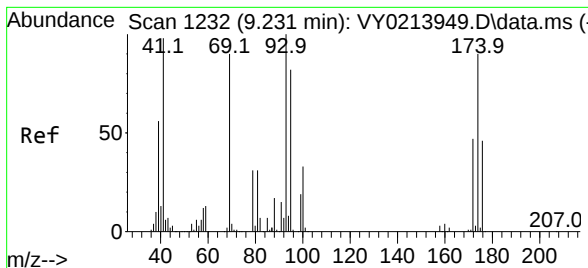
Tgt Ion: 83 Resp: 168824
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7
127 8.6 6.7 10.1



#48
Methyl methacrylate
Concen: 52.021 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 41 Resp: 61327
Ion Ratio Lower Upper
41 100
69 87.8 67.8 101.8
39 60.2 46.4 69.6

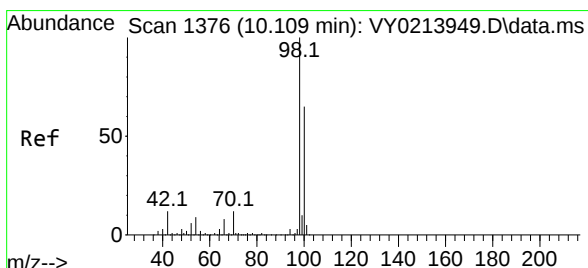
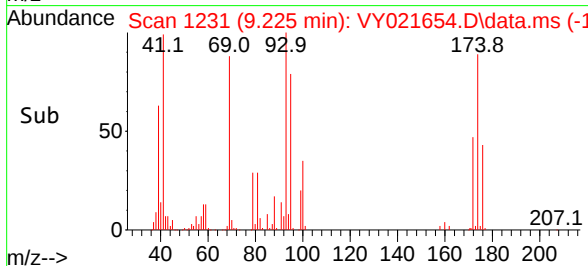
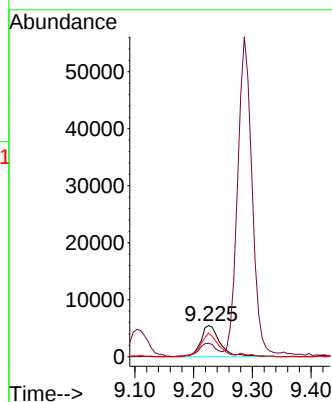
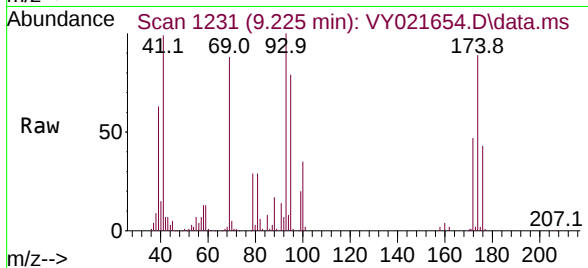




#49
1,4-Dioxane
Concen: 1083.822 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

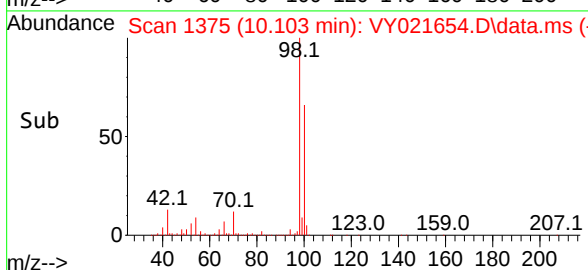
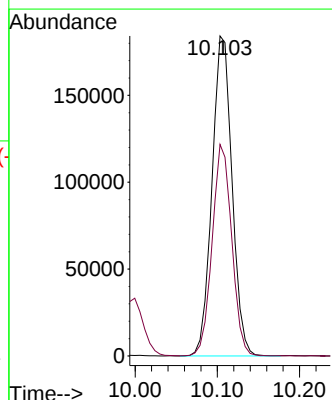
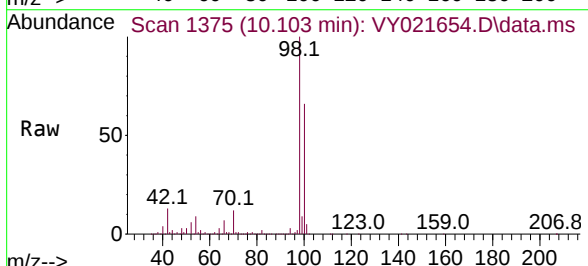
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

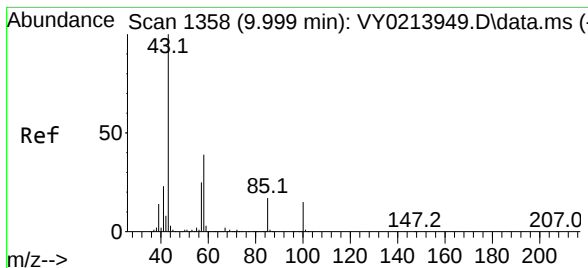
Tgt Ion: 88 Resp: 12417
Ion Ratio Lower Upper
88 100
43 42.3 25.0 37.4#
58 69.1 58.4 87.6



#50
Toluene-d8
Concen: 43.118 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 98 Resp: 312069
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

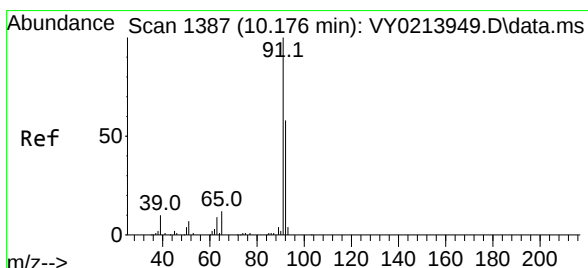
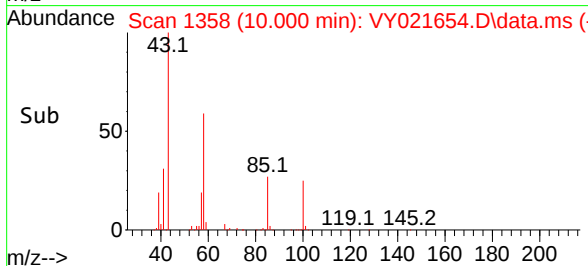
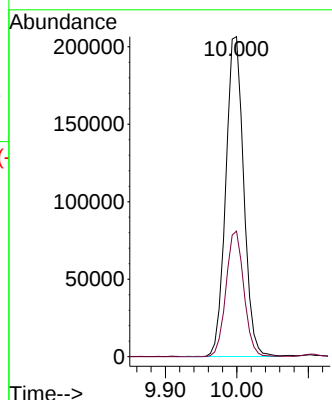
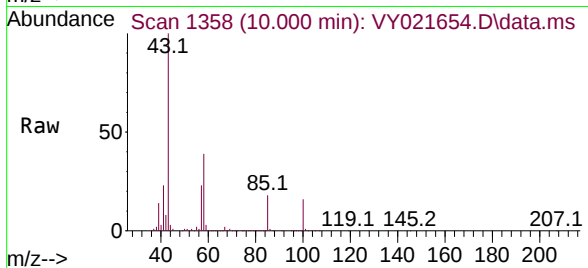




#51
4-Methyl-2-Pentanone
Concen: 271.318 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

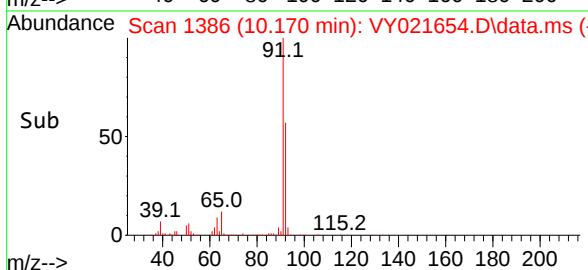
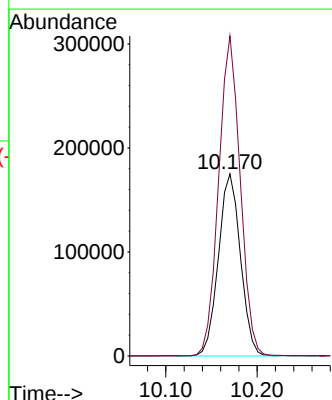
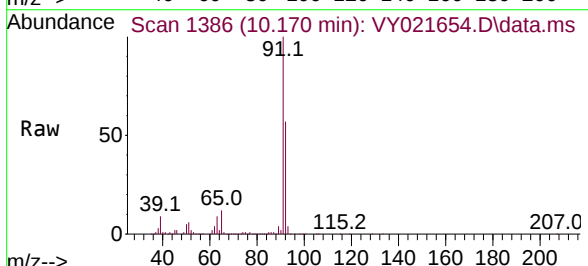
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

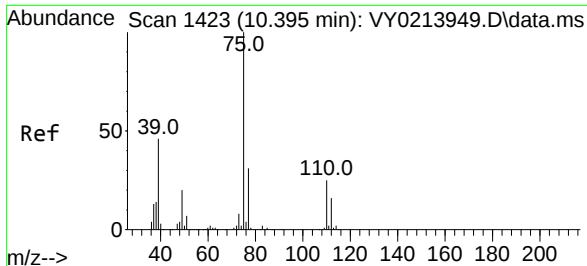
Tgt Ion: 43 Resp: 359396
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 52.771 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 92 Resp: 293245
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.2

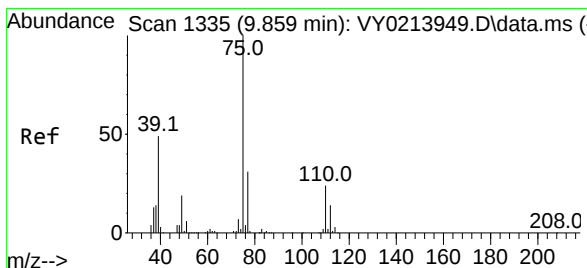
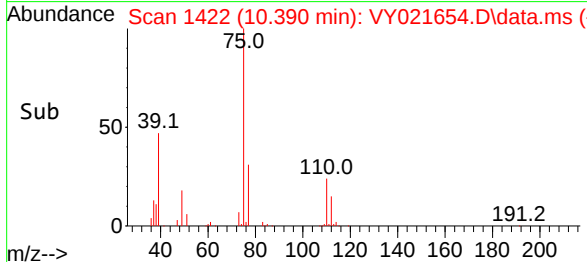
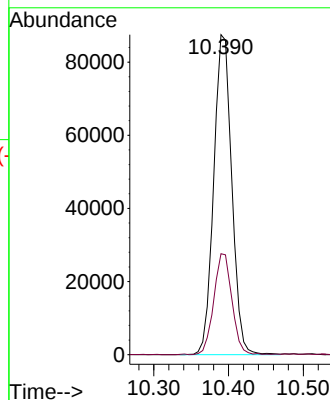
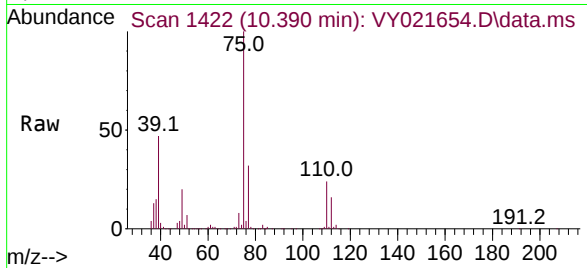




#53
 t-1,3-Dichloropropene
 Concen: 53.893 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

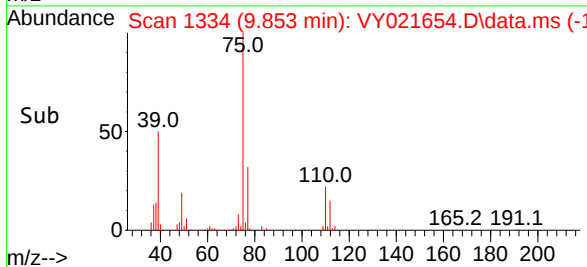
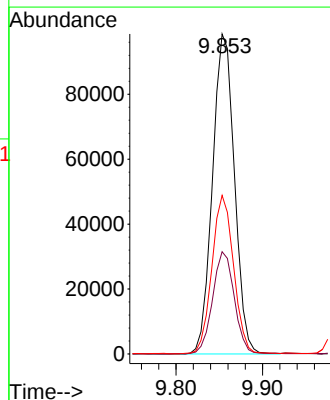
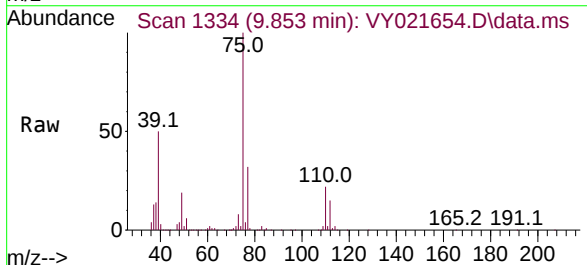
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

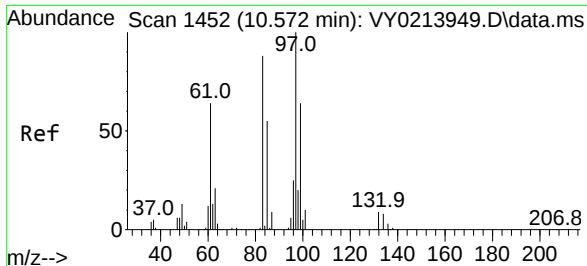
Tgt Ion: 75 Resp: 147179
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.543 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion: 75 Resp: 173605
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 49.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 54.847 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 83743

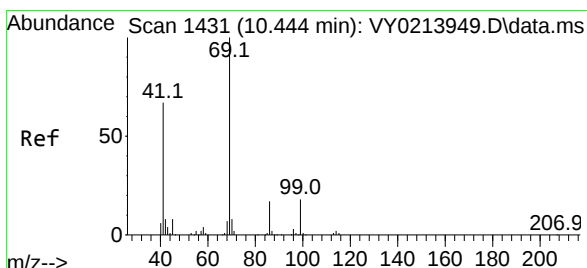
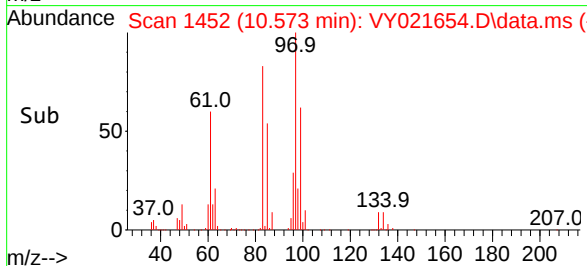
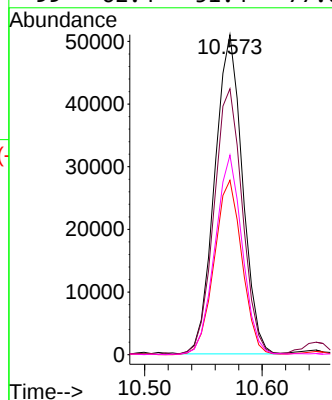
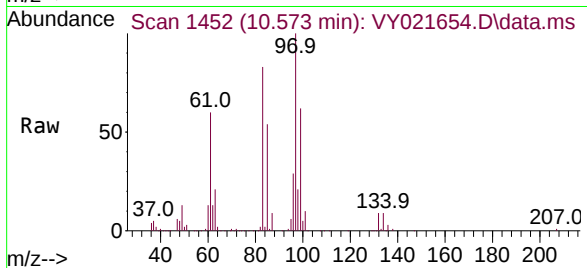
Ion Ratio Lower Upper

97 100

83 83.0 70.0 105.0

85 54.5 44.3 66.5

99 62.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 56.205 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

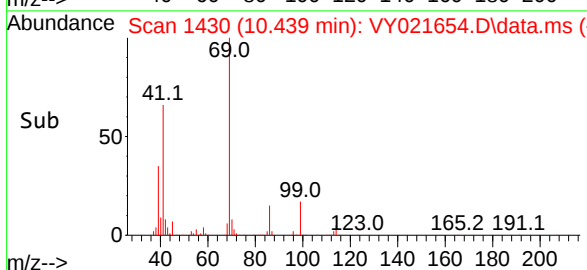
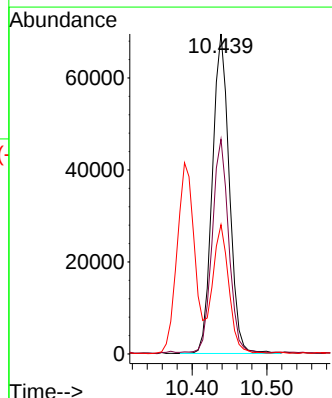
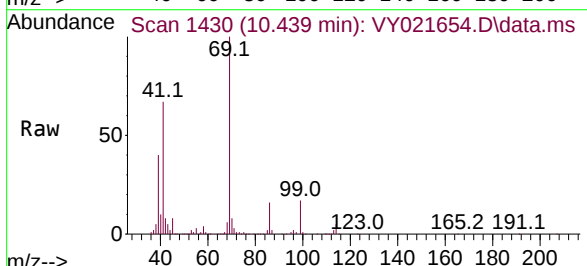
Tgt Ion: 69 Resp: 109446

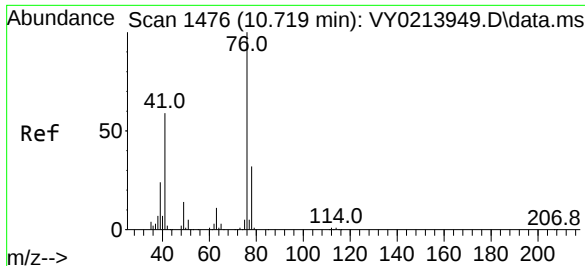
Ion Ratio Lower Upper

69 100

41 64.8 53.3 79.9

39 38.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 54.333 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

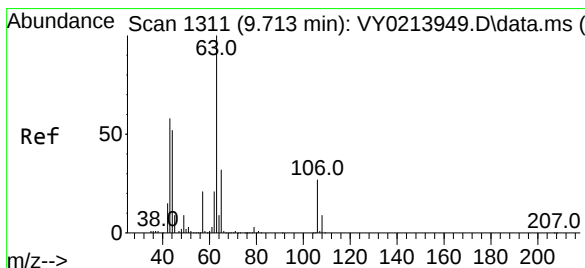
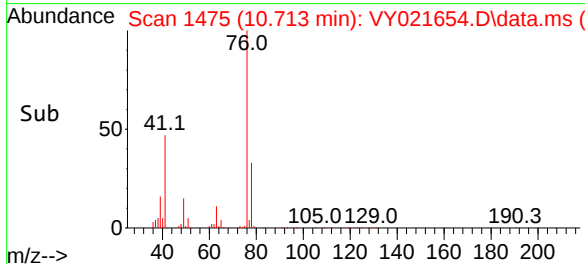
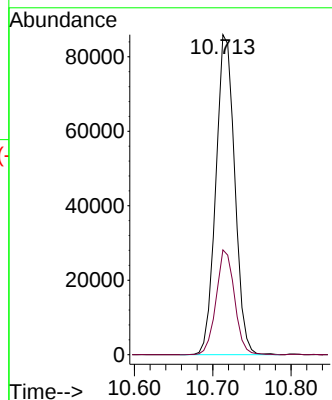
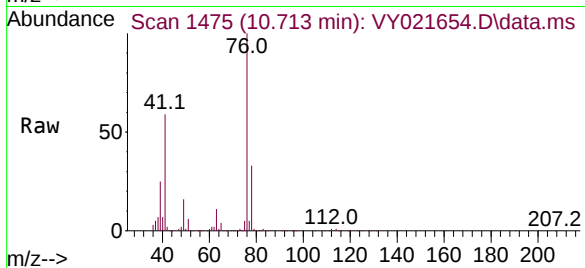
VSTDCCC050EC

Tgt Ion: 76 Resp: 143780

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 271.349 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021654.D

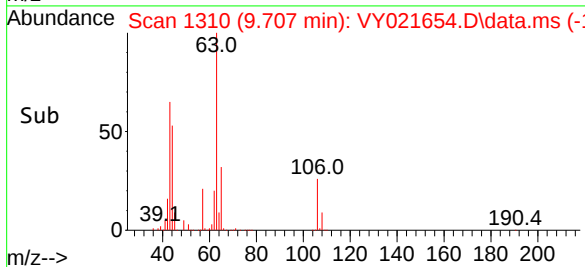
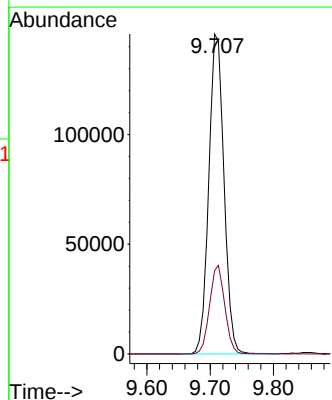
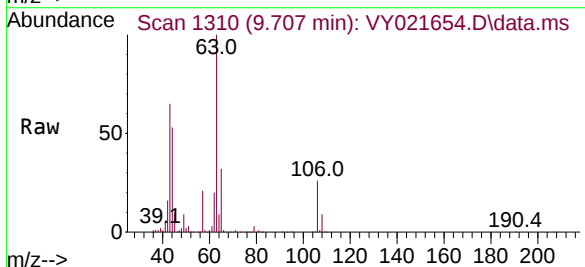
Acq: 26 Mar 2025 18:07

Tgt Ion: 63 Resp: 243917

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





#59

2-Hexanone

Concen: 269.462 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

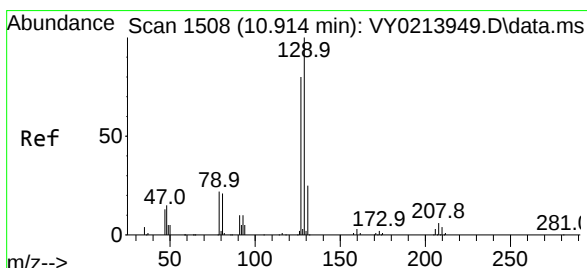
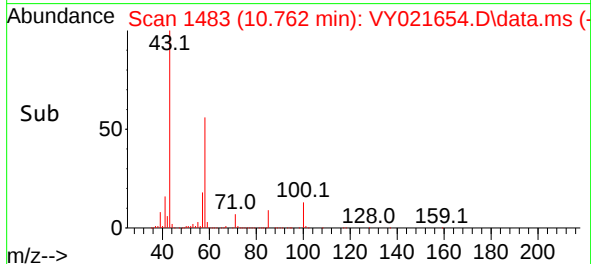
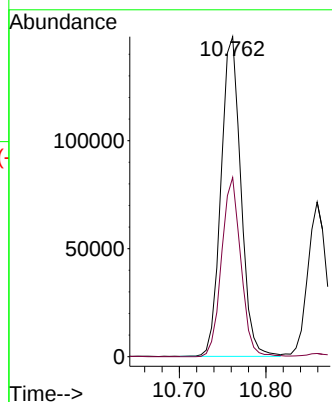
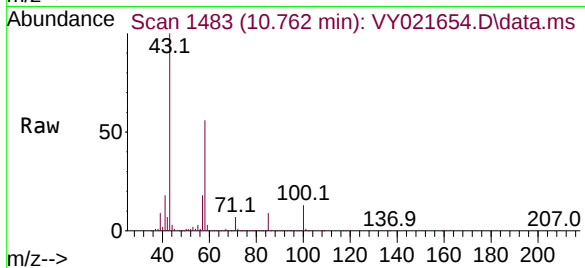
VSTDCCC050EC

Tgt Ion: 43 Resp: 236016

Ion Ratio Lower Upper

43 100

58 54.4 27.3 81.8



#60

Dibromochloromethane

Concen: 54.903 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021654.D

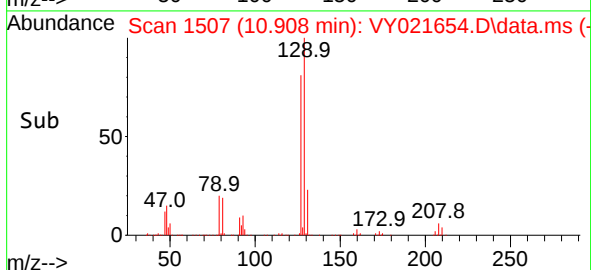
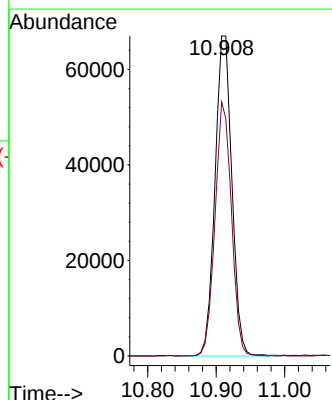
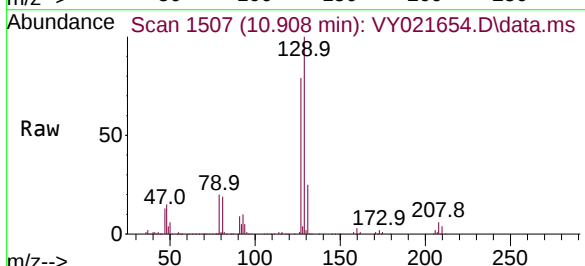
Acq: 26 Mar 2025 18:07

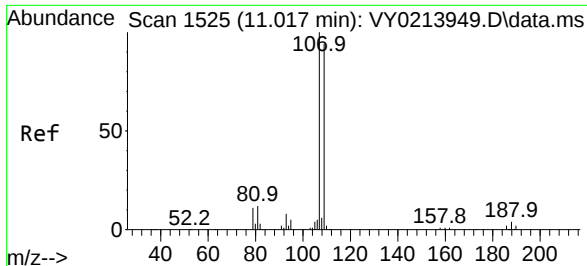
Tgt Ion: 129 Resp: 114923

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.3

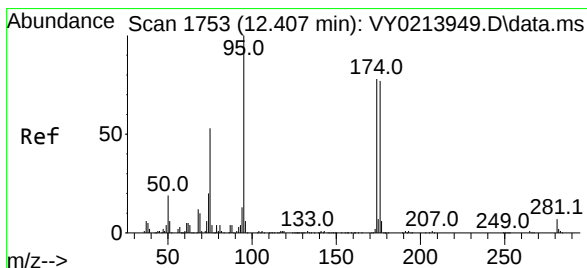
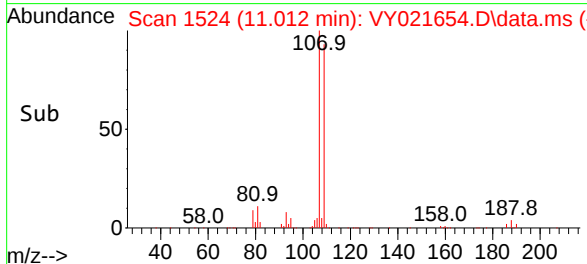
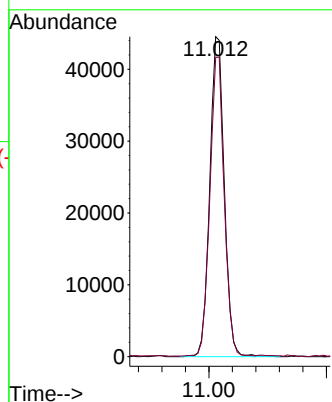
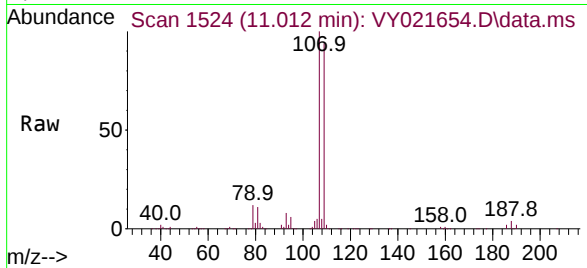




#61
1,2-Dibromoethane
Concen: 53.045 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

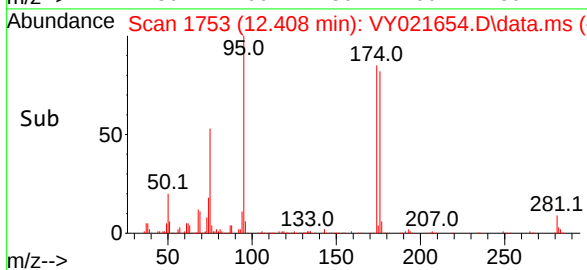
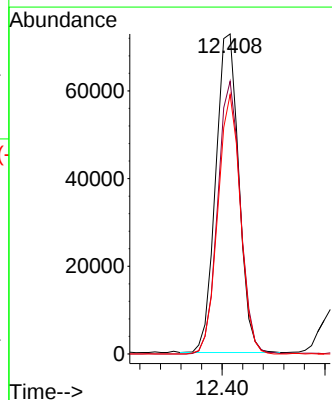
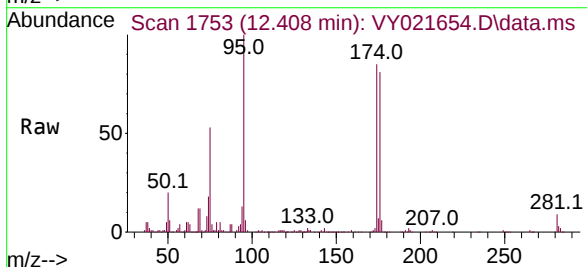
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

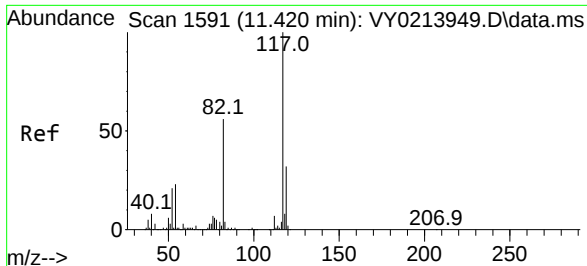
Tgt Ion:107 Resp: 76439
Ion Ratio Lower Upper
107 100
109 92.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 95 Resp: 113316
Ion Ratio Lower Upper
95 100
174 84.1 0.0 165.0
176 79.7 0.0 160.0

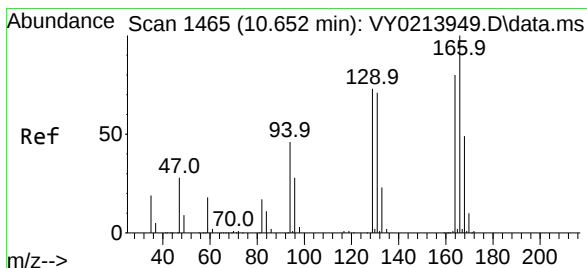
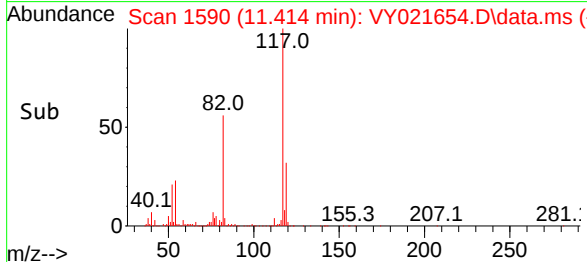
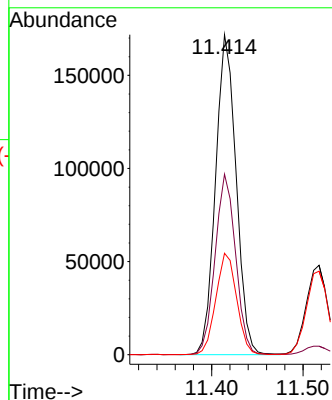
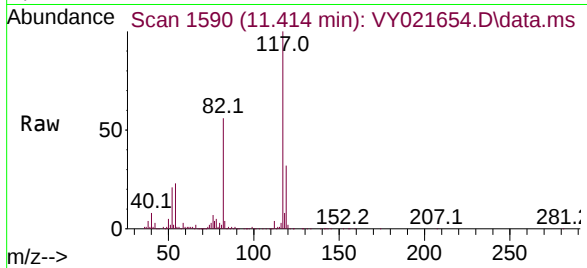




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

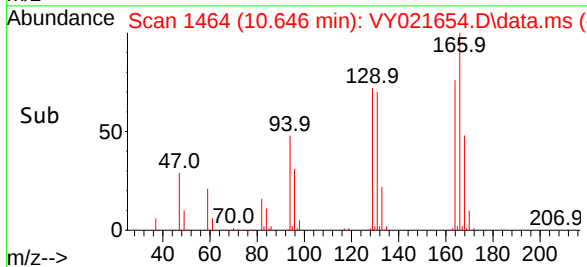
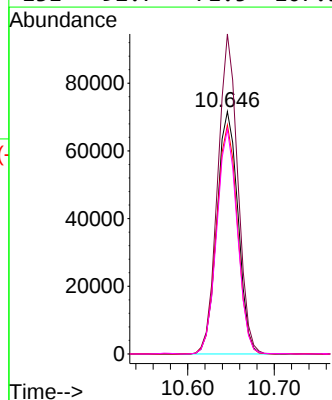
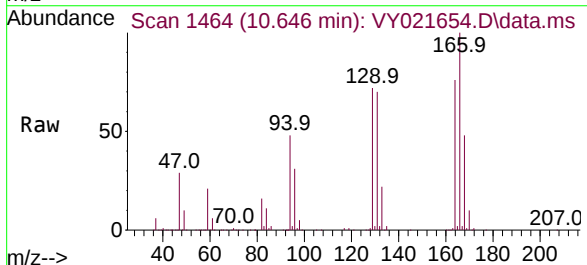
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

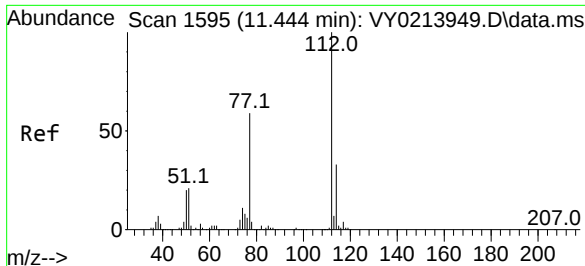
Tgt Ion:117 Resp: 269237
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 55.301 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:164 Resp: 121072
Ion Ratio Lower Upper
164 100
166 132.0 100.4 150.6
129 94.4 73.8 110.8
131 92.7 71.5 107.3

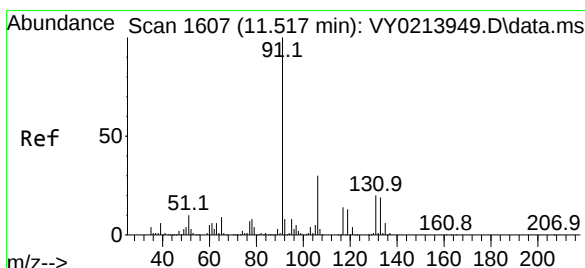
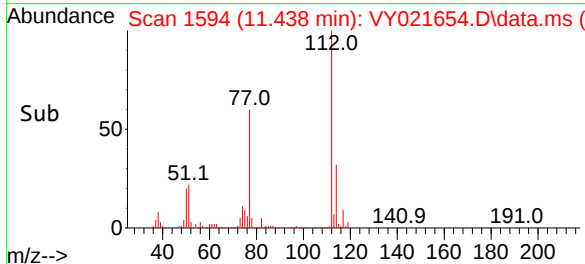
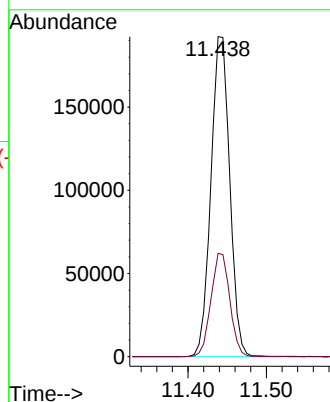
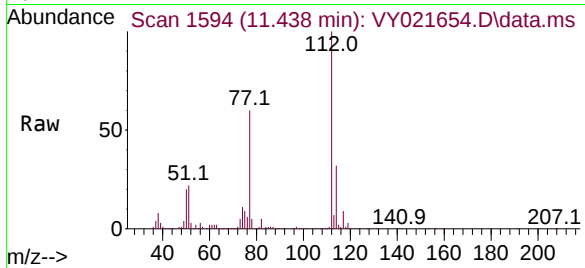




#65
Chlorobenzene
Concen: 50.514 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

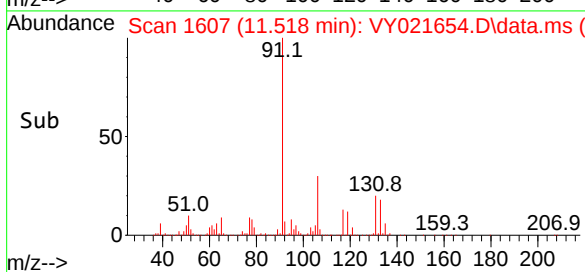
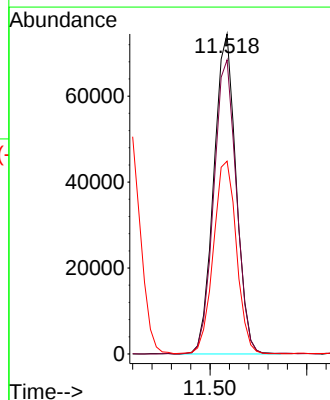
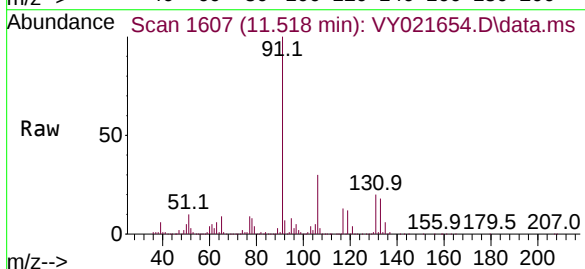
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

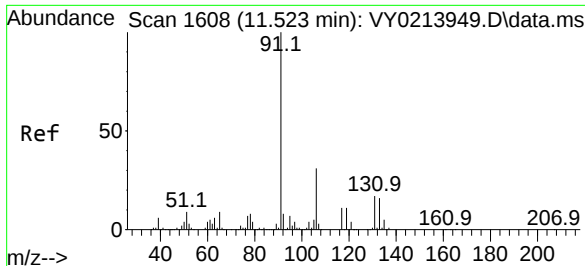
Tgt Ion:112 Resp: 321162
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.012 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:131 Resp: 119162
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 62.1 32.3 96.9





#67

Ethyl Benzene

Concen: 50.760 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

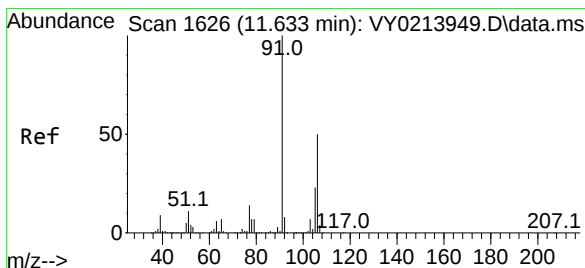
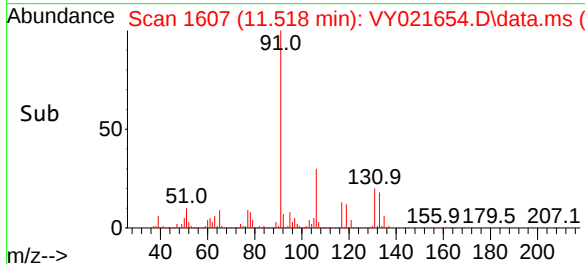
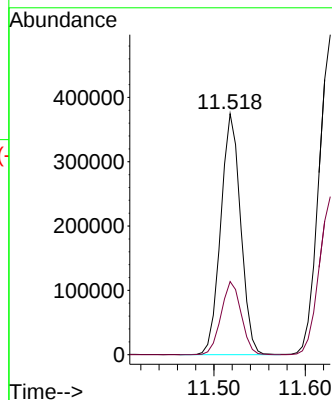
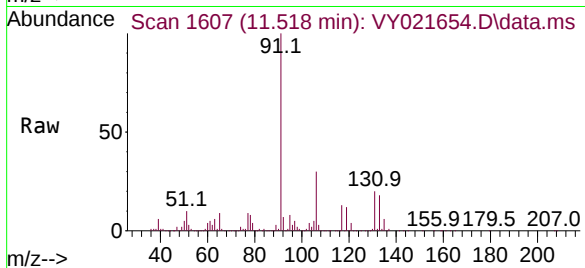
VSTDCCC050EC

Tgt Ion: 91 Resp: 566451

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 101.517 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021654.D

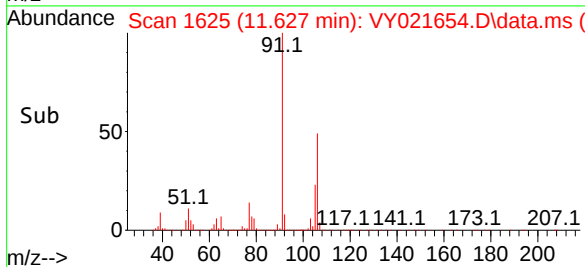
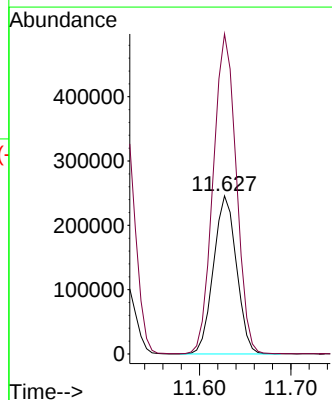
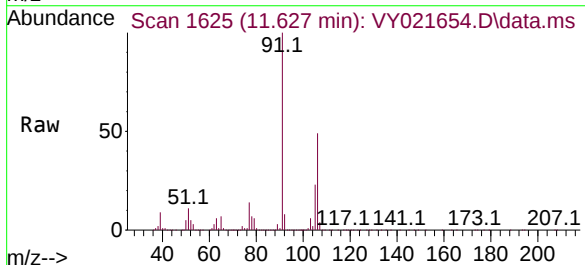
Acq: 26 Mar 2025 18:07

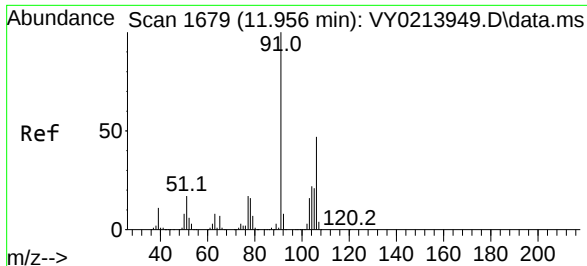
Tgt Ion:106 Resp: 430096

Ion Ratio Lower Upper

106 100

91 203.2 161.7 242.5





#69

o-Xylene

Concen: 52.936 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

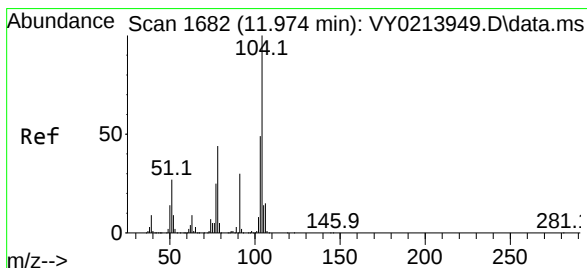
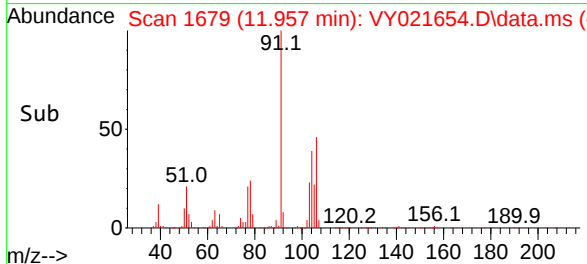
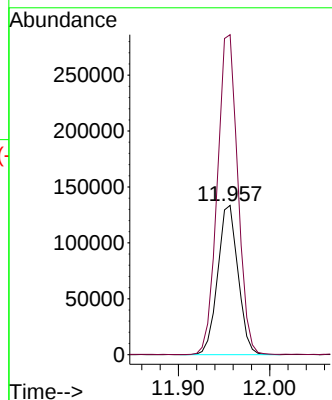
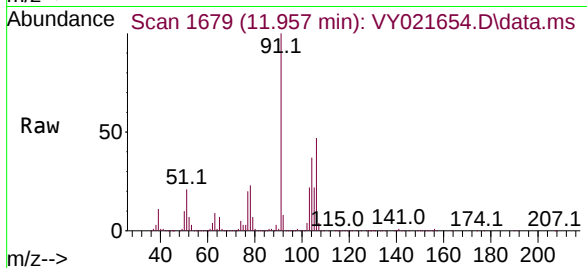
VSTDCCC050EC

Tgt Ion:106 Resp: 206698

Ion Ratio Lower Upper

106 100

91 215.2 107.6 322.8



#70

Styrene

Concen: 54.039 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

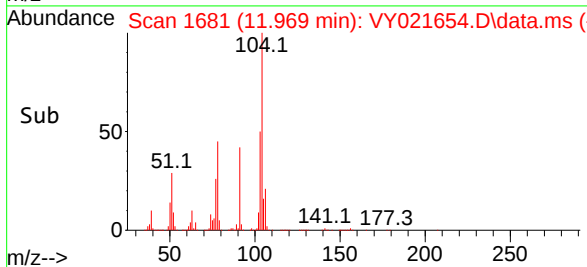
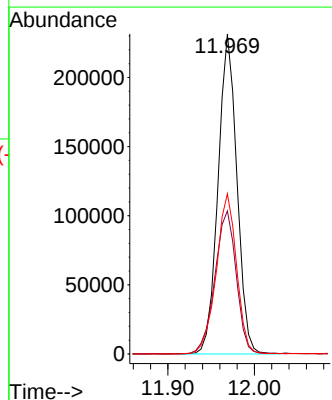
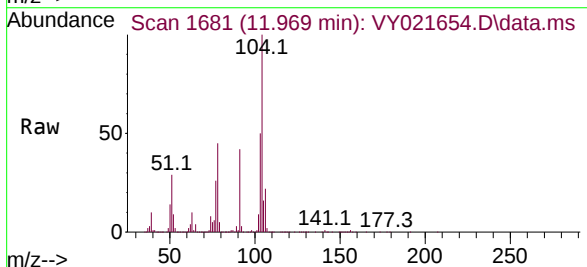
Tgt Ion:104 Resp: 350050

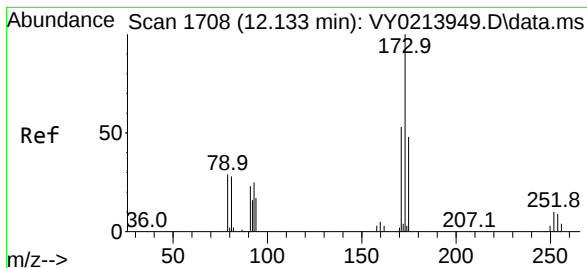
Ion Ratio Lower Upper

104 100

78 50.7 40.7 61.1

103 54.0 44.1 66.1

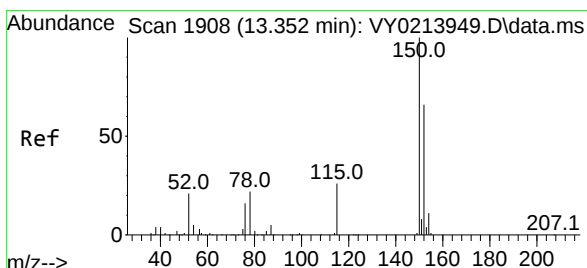
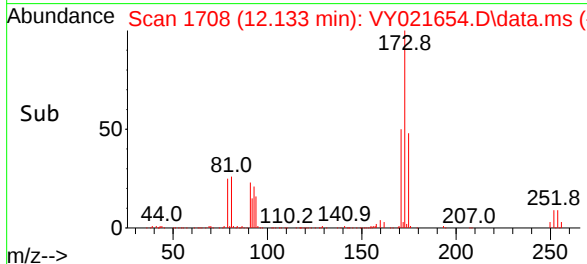
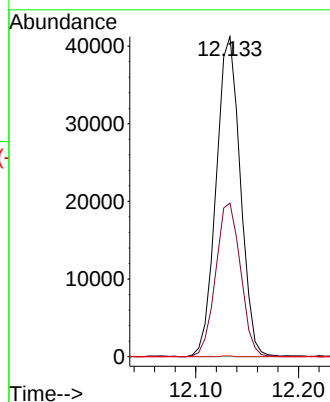
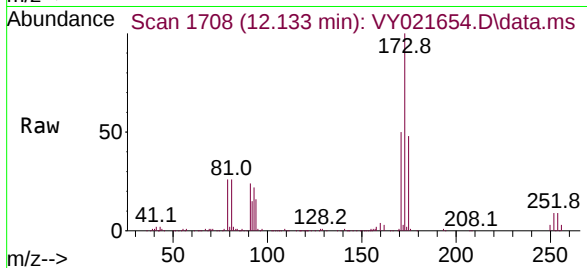




#71
Bromoform
Concen: 53.428 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

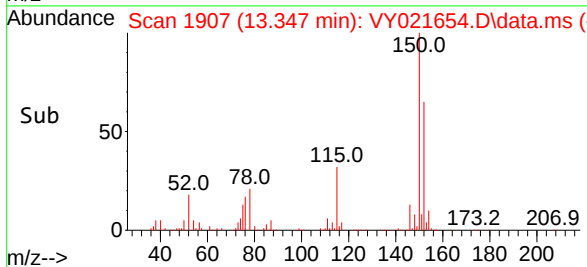
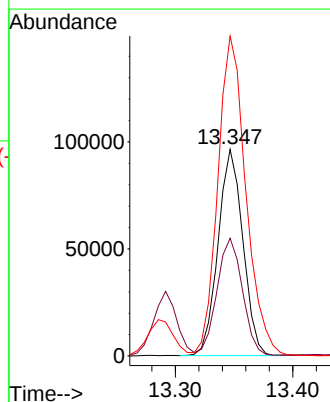
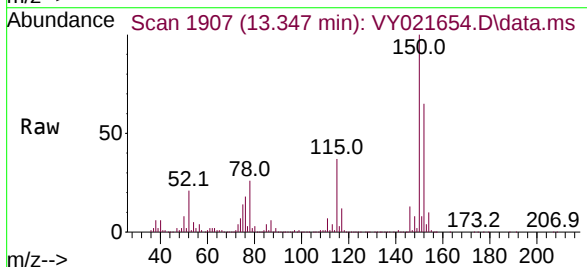
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

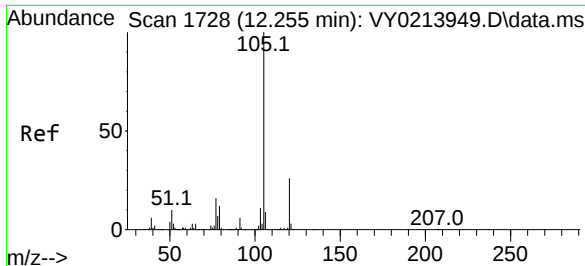
Tgt Ion:173 Resp: 67136
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:152 Resp: 141707
Ion Ratio Lower Upper
152 100
115 58.0 29.0 87.0
150 175.2 0.0 347.2

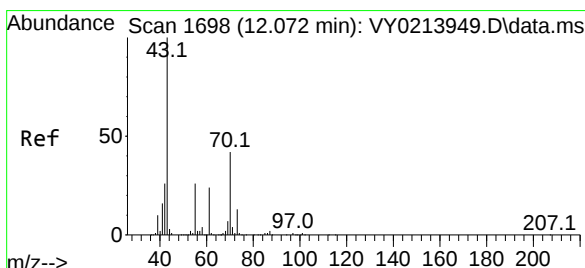
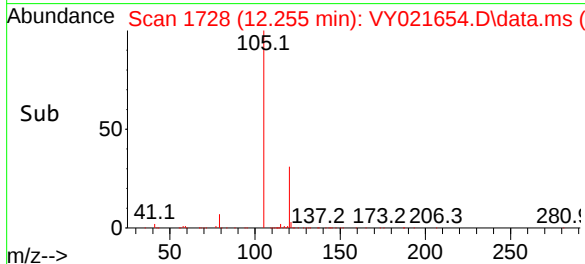
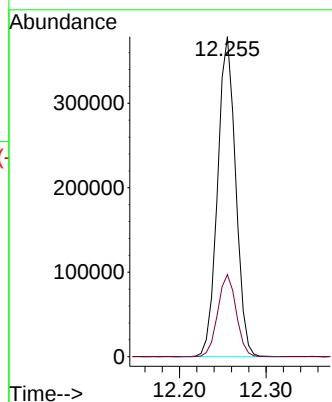
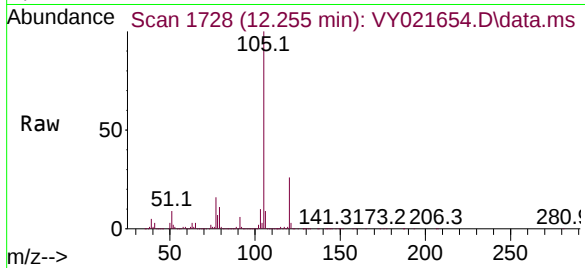




#73
Isopropylbenzene
Concen: 49.213 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

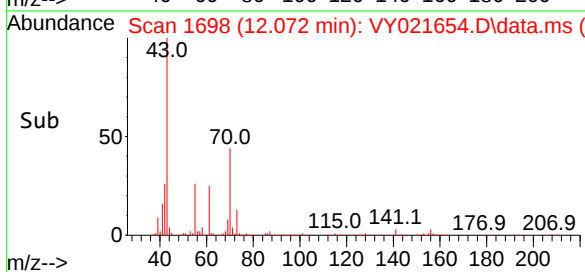
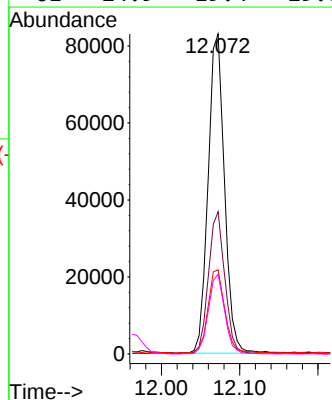
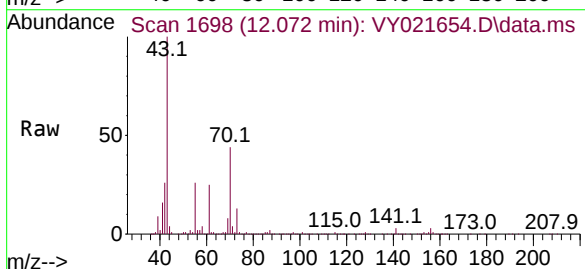
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

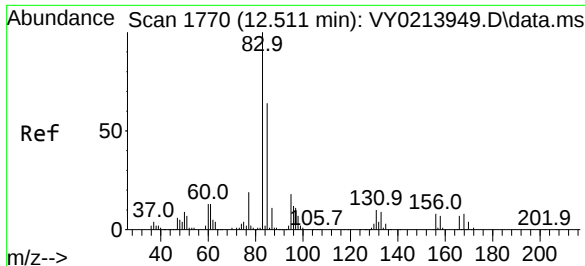
Tgt Ion:105 Resp: 549344
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 49.692 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 43 Resp: 120464
Ion Ratio Lower Upper
43 100
70 44.1 34.6 51.8
55 27.3 21.1 31.7
61 24.9 19.4 29.0

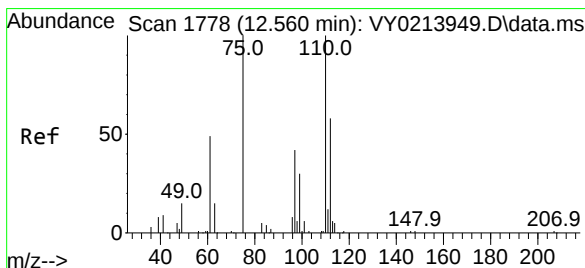
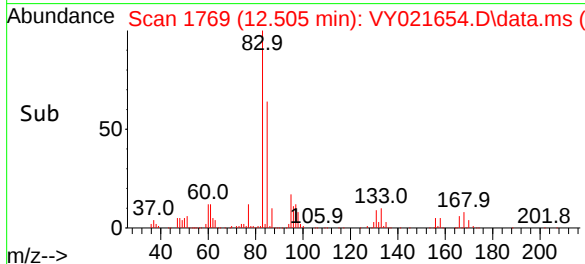
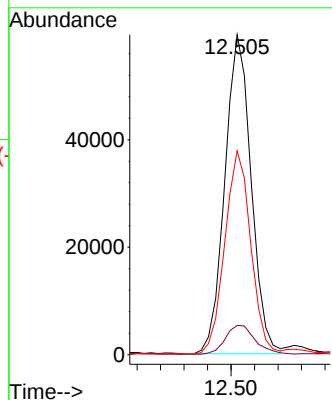
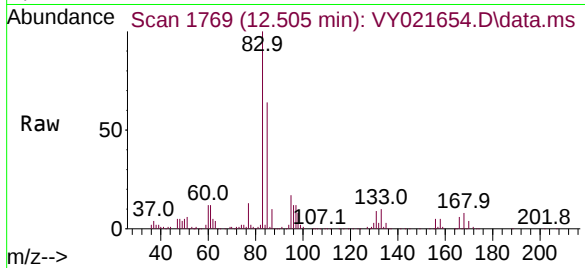




#75
 1,1,2-Tetrachloroethane
 Concen: 46.829 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

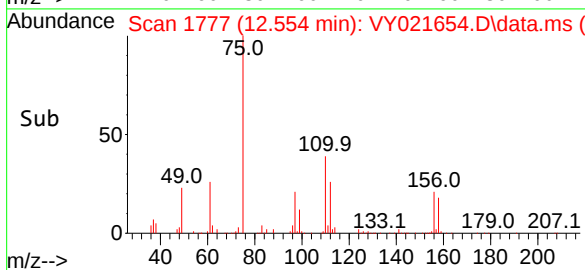
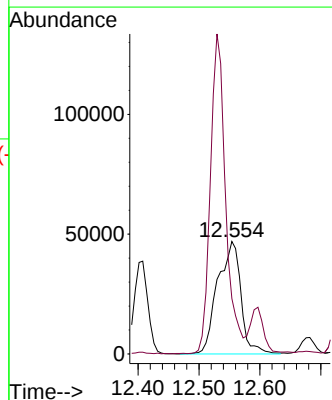
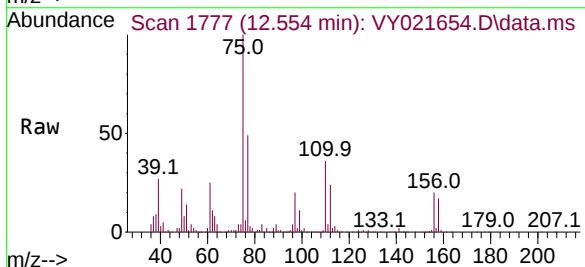
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

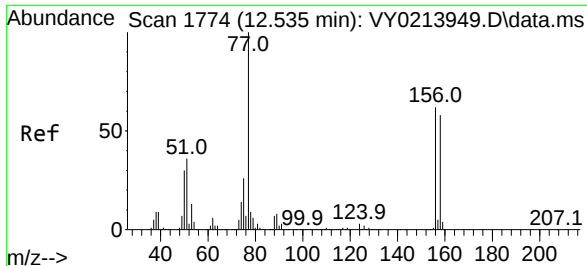
Tgt Ion: 83 Resp: 92244
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 16.1
 85 63.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 87.524 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion: 75 Resp: 124981
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

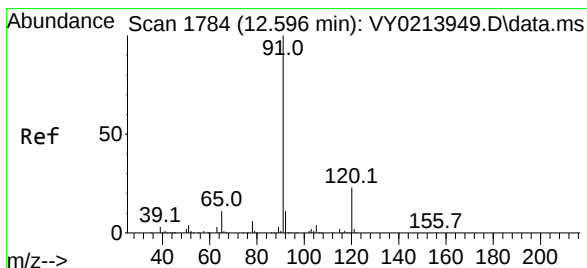
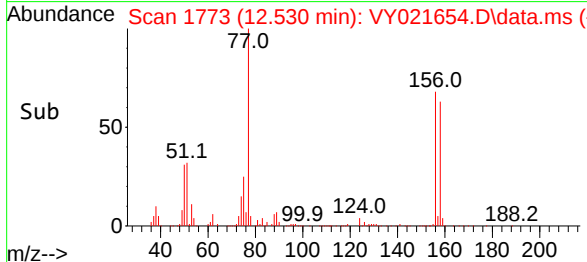
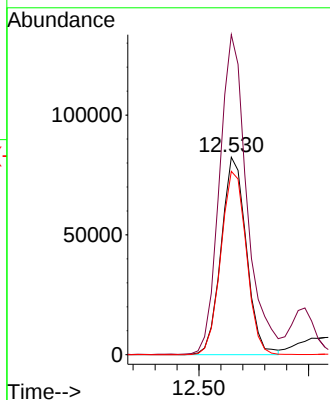
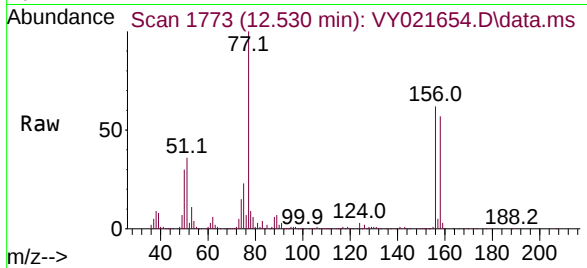




#77
Bromobenzene
Concen: 50.297 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

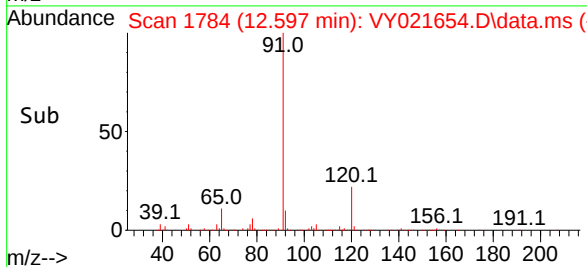
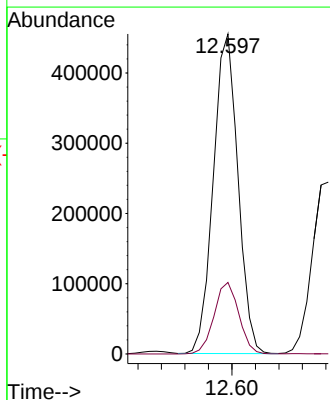
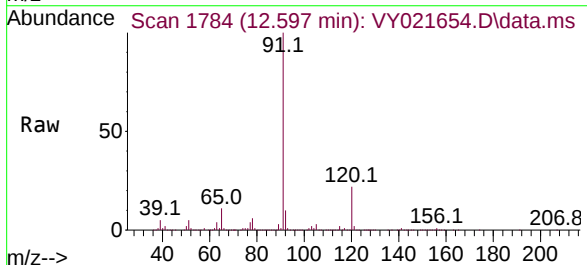
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

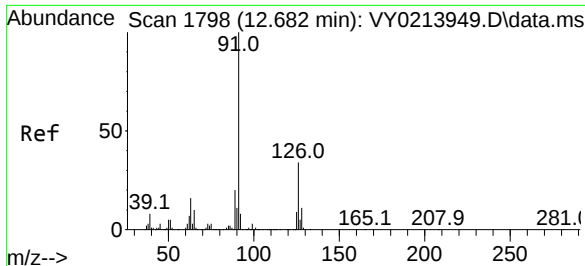
Tgt Ion:156 Resp: 131351
Ion Ratio Lower Upper
156 100
77 176.4 93.6 280.8
158 94.1 48.3 144.8



#78
n-propylbenzene
Concen: 48.914 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 91 Resp: 663110
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

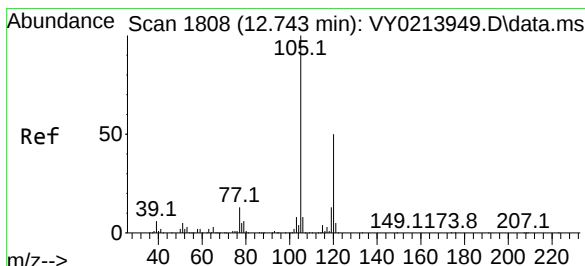
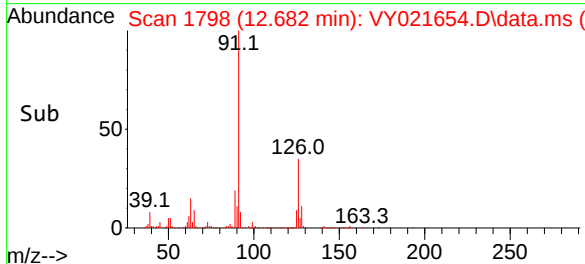
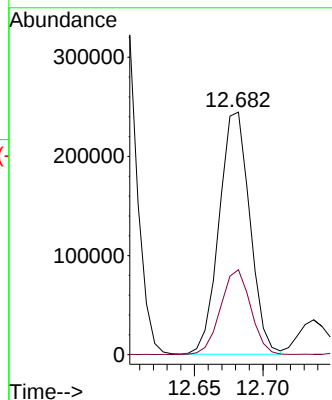
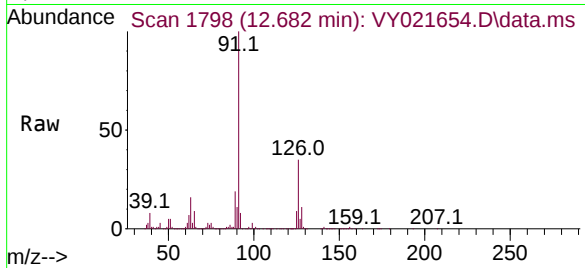




#79
2-Chlorotoluene
Concen: 49.217 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

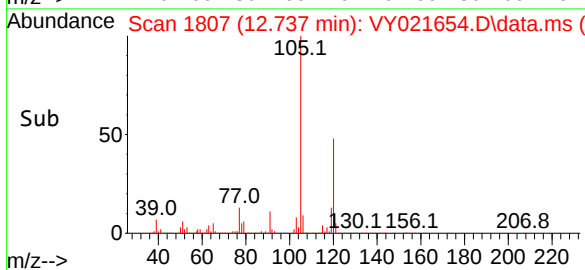
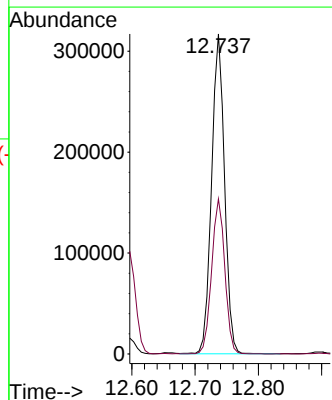
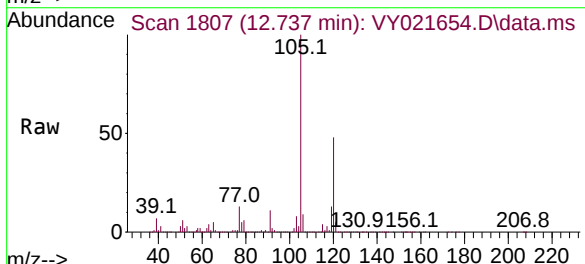
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

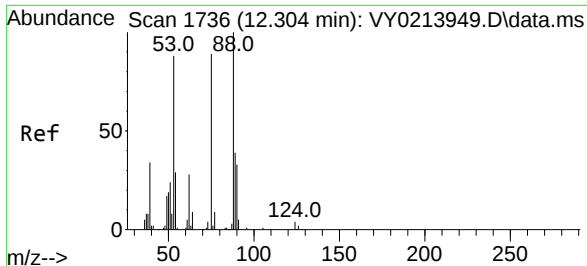
Tgt Ion: 91 Resp: 381515
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 49.658 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 105 Resp: 450466
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

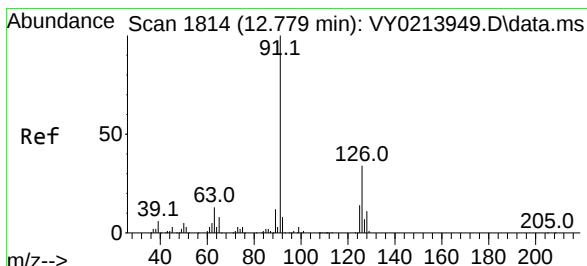
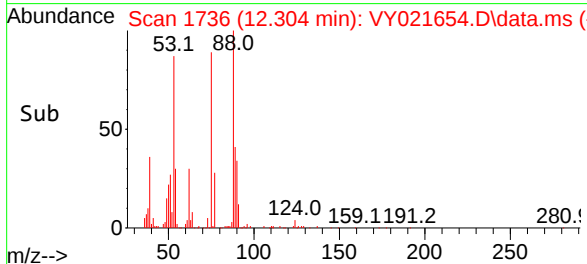
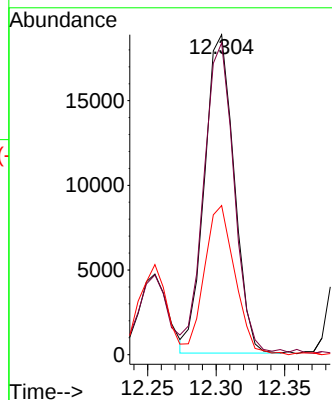
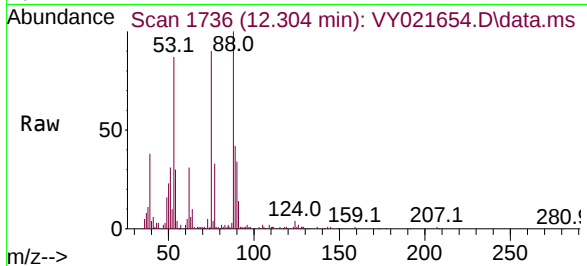




#81
trans-1,4-Dichloro-2-butene
Concen: 44.944 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

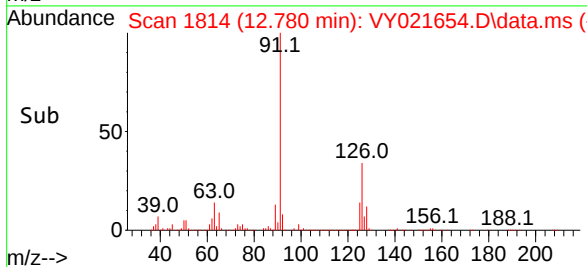
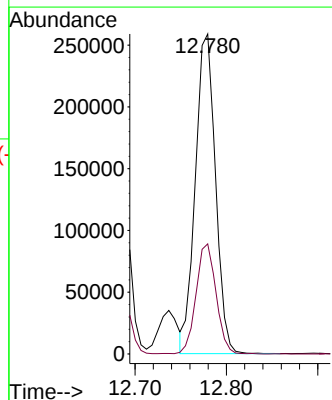
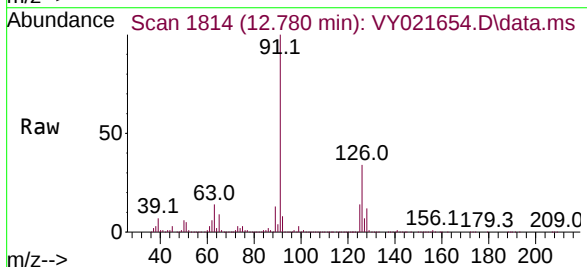
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

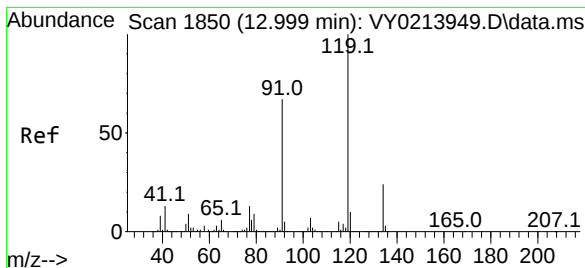
Tgt Ion: 75 Resp: 28231
Ion Ratio Lower Upper
75 100
53 99.9 81.0 121.4
89 48.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.373 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 91 Resp: 396316
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

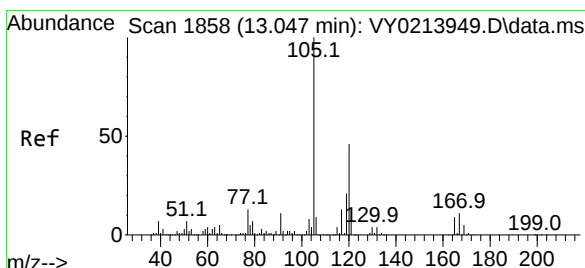
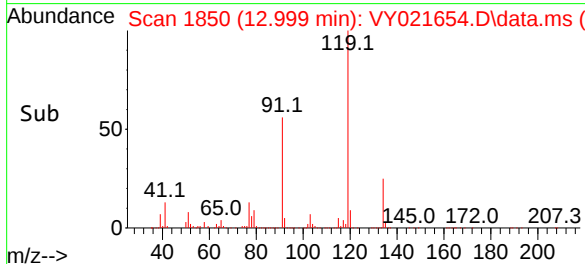
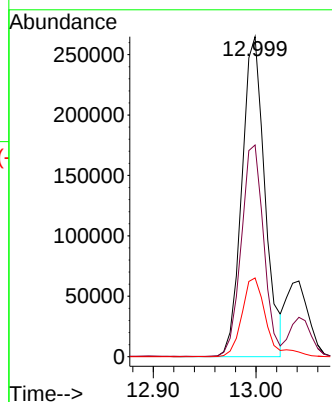
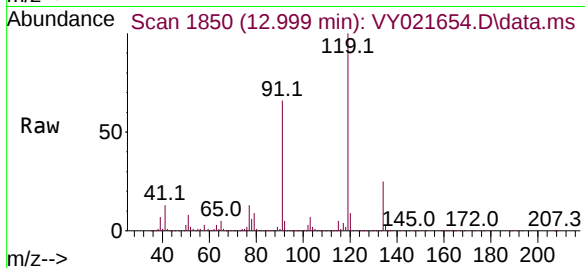




#83
 tert-Butylbenzene
 Concen: 50.811 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

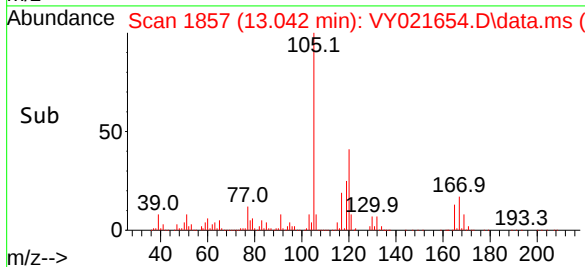
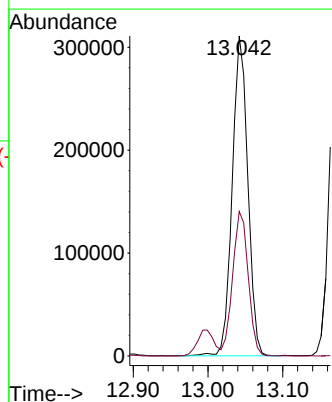
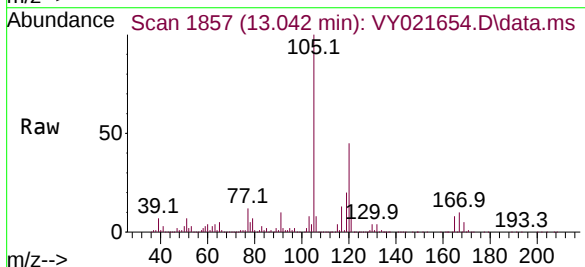
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

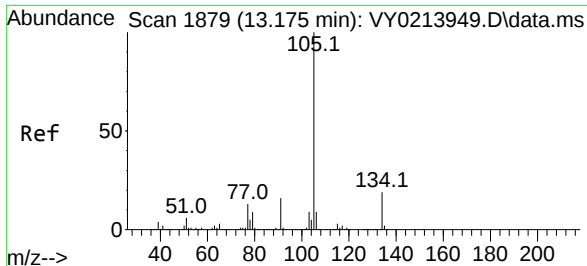
Tgt Ion:119 Resp: 411190
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.2 99.6
 134 26.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.021 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion:105 Resp: 450532
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

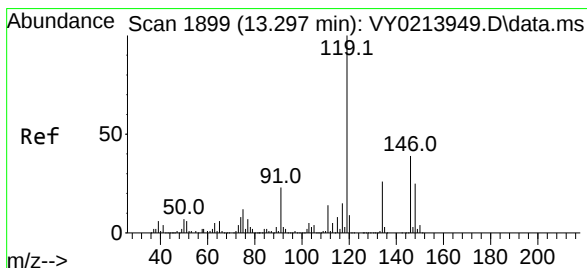
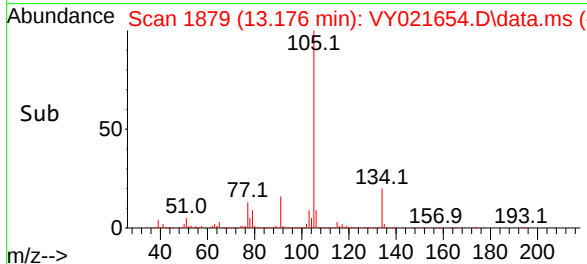
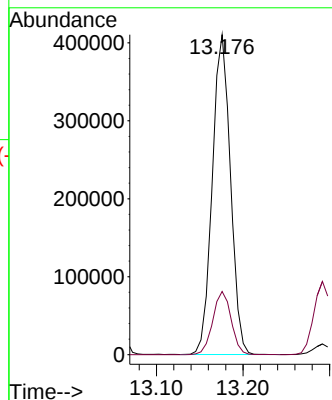
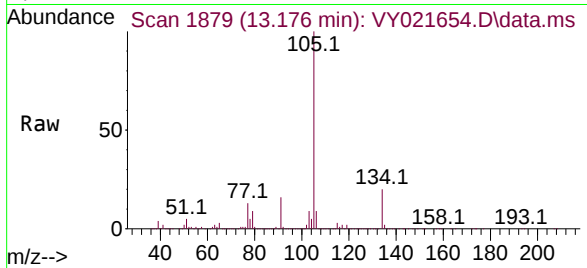




#85
 sec-Butylbenzene
 Concen: 49.616 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

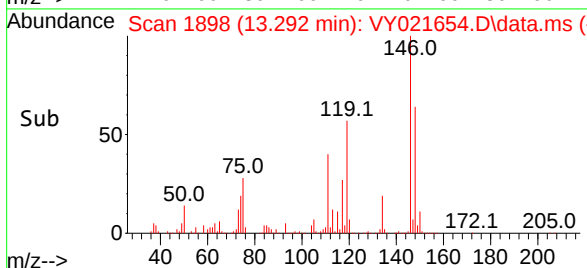
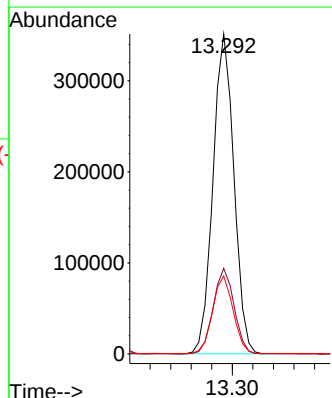
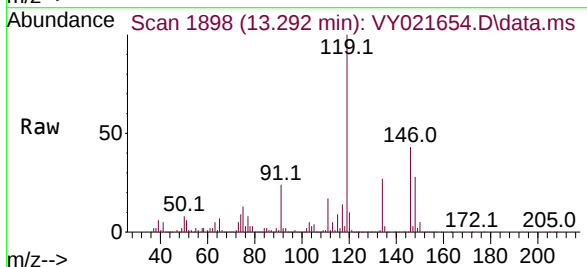
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

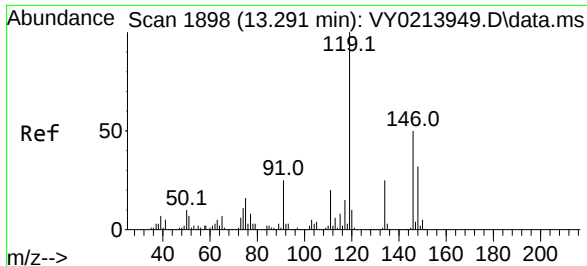
Tgt Ion:105 Resp: 597406
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.938 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion:119 Resp: 495366
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 24.0 12.2 36.6

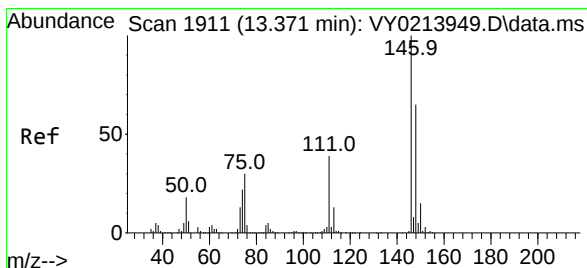
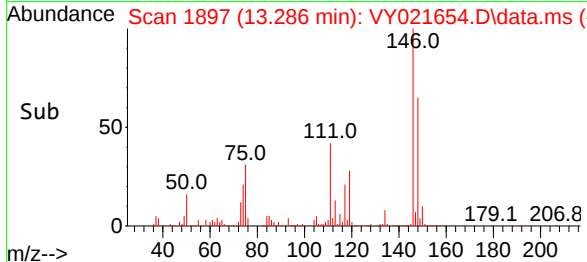
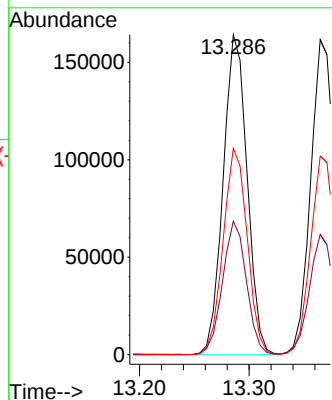
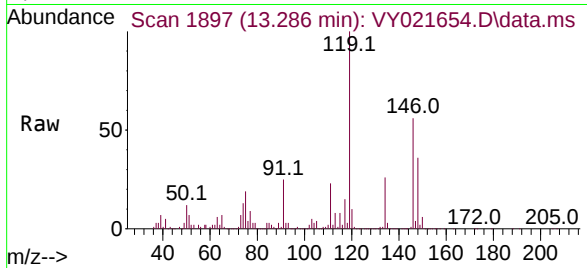




#87
 1,3-Dichlorobenzene
 Concen: 47.992 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

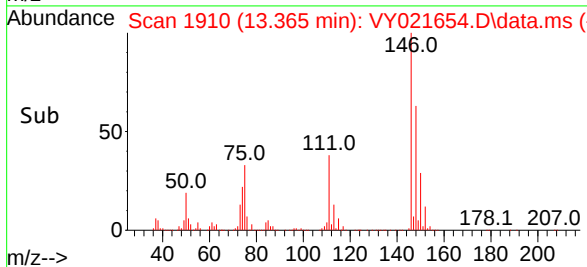
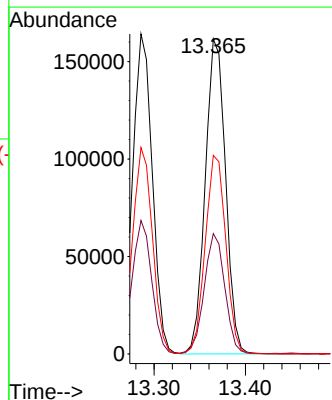
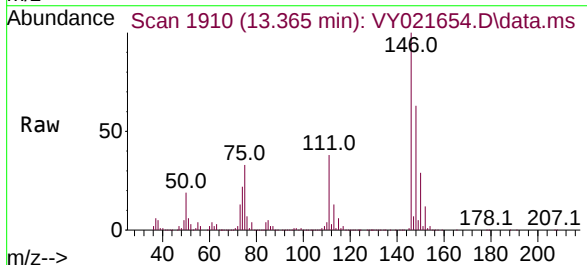
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

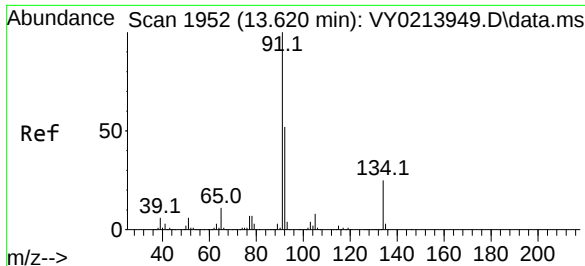
Tgt Ion:146 Resp: 249477
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.981 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021654.D
 Acq: 26 Mar 2025 18:07

Tgt Ion:146 Resp: 249014
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 64.2 32.3 96.8





#89

n-Butylbenzene

Concen: 50.592 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

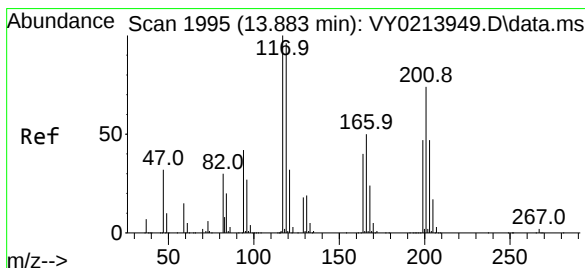
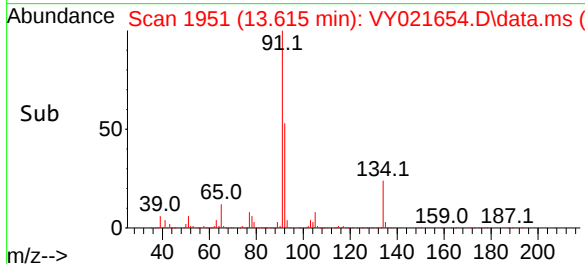
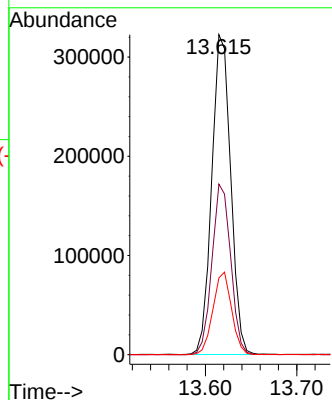
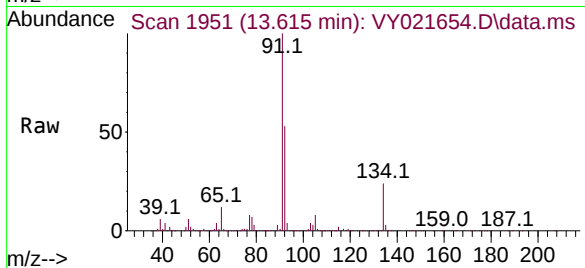
Tgt Ion: 91 Resp: 463415

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 49.738 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021654.D

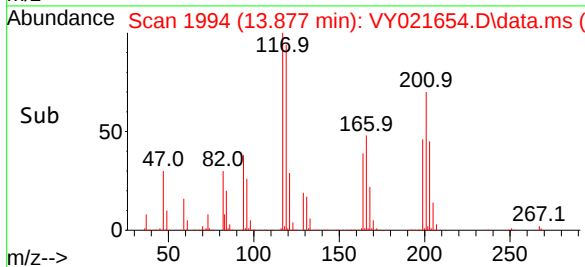
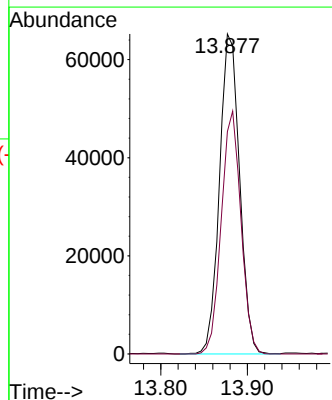
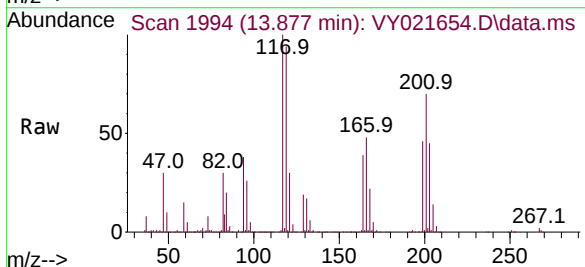
Acq: 26 Mar 2025 18:07

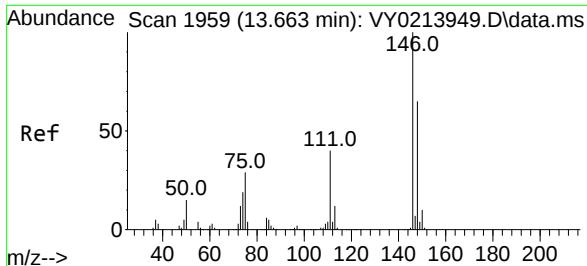
Tgt Ion: 117 Resp: 105253

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2

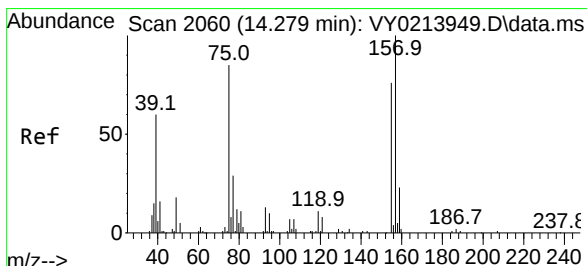
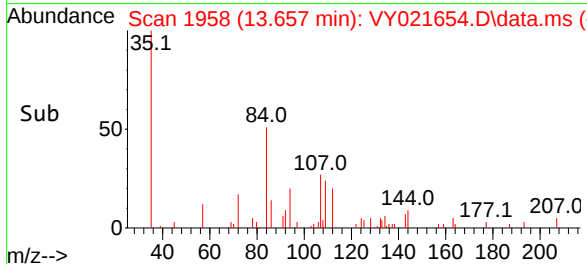
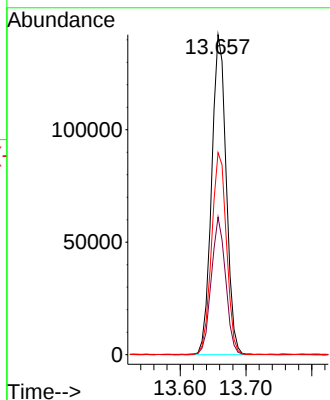
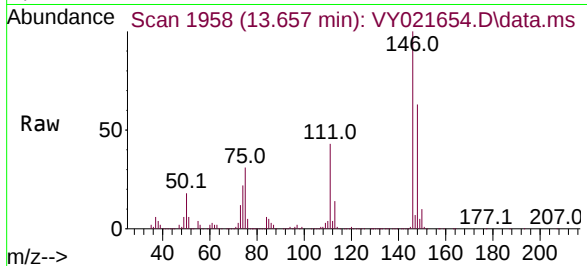




#91
1,2-Dichlorobenzene
Concen: 49.270 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

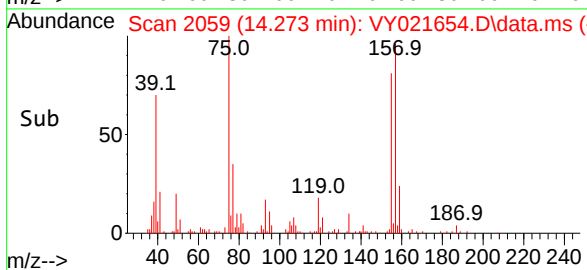
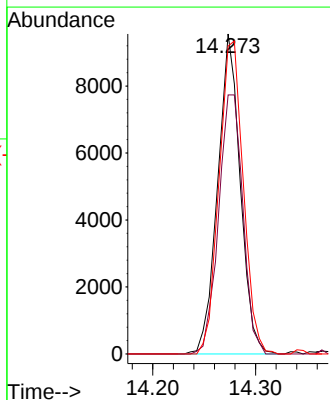
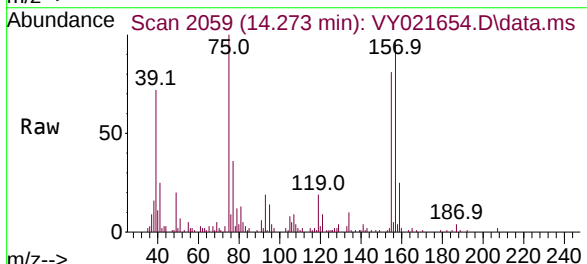
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

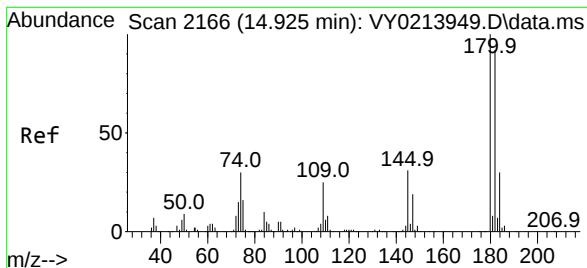
Tgt Ion:146 Resp: 219518
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.252 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion: 75 Resp: 14533
Ion Ratio Lower Upper
75 100
155 87.1 43.5 130.5
157 105.0 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 53.063 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

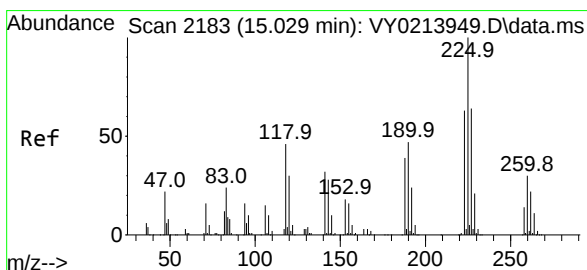
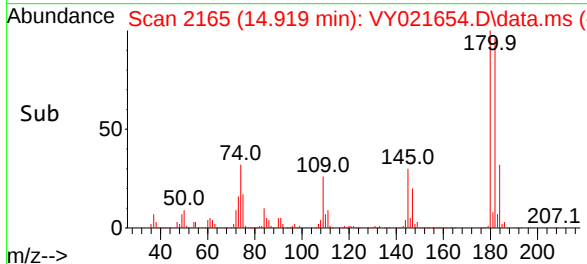
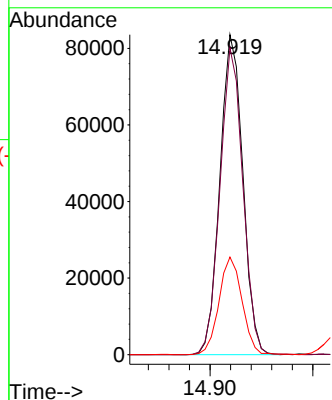
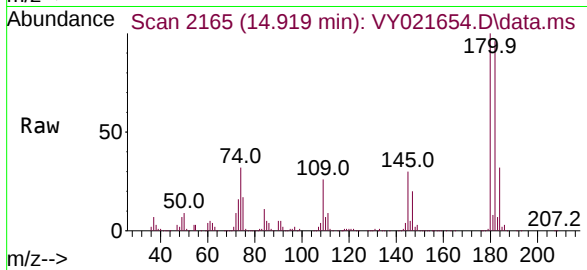
Tgt Ion:180 Resp: 129131

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 30.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 51.428 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021654.D

Acq: 26 Mar 2025 18:07

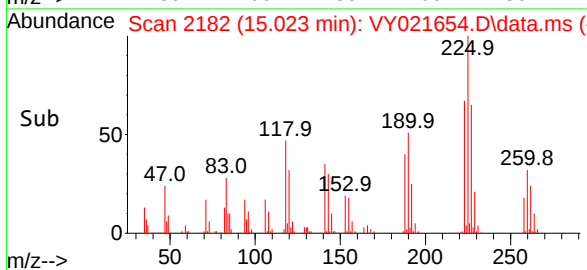
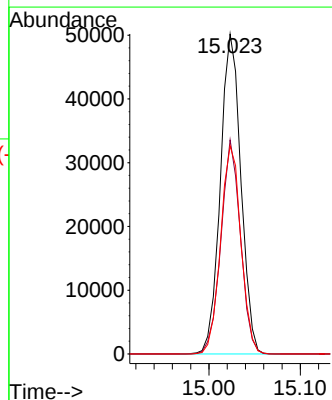
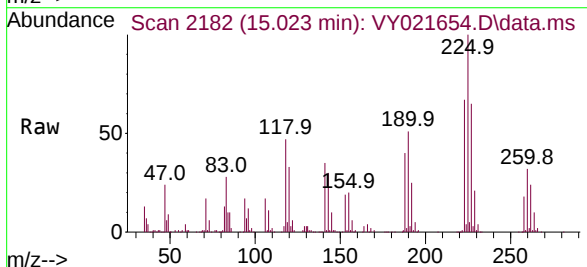
Tgt Ion:225 Resp: 78451

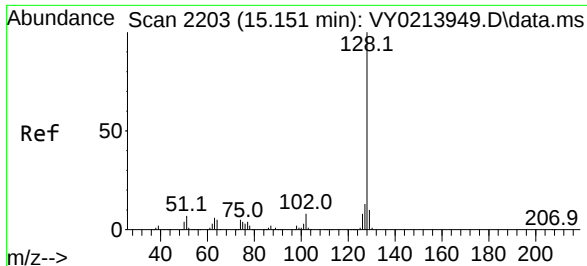
Ion Ratio Lower Upper

225 100

223 63.4 31.4 94.2

227 64.3 31.8 95.4

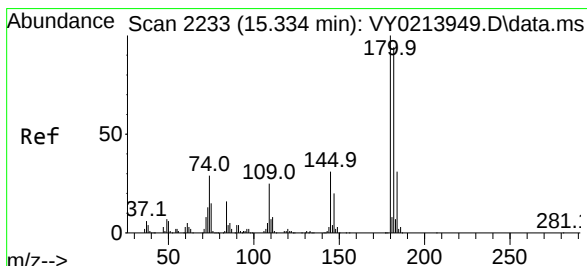
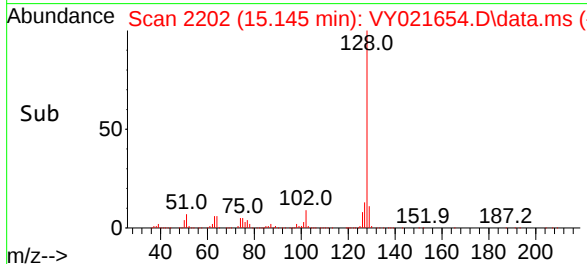
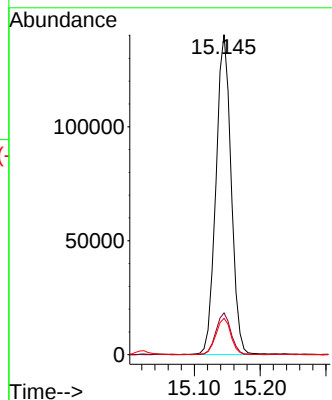
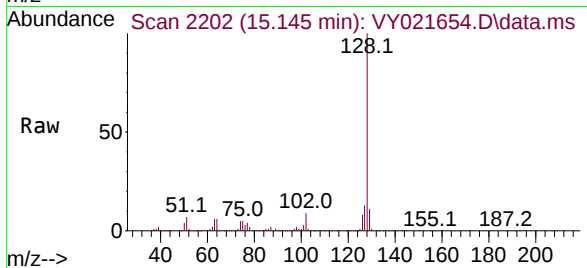




#95
Naphthalene
Concen: 54.094 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 224781
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.648 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021654.D
Acq: 26 Mar 2025 18:07

Tgt Ion:180 Resp: 109804
Ion Ratio Lower Upper
180 100
182 94.7 47.2 141.6
145 33.3 16.4 49.1

