

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021406.D
 Acq On : 05 Mar 2025 11:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 06 02:53:15 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	253694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	393321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142742	53.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.460%	
35) Dibromofluoromethane	7.634	113	136768	52.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.109	98	510620	52.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.408	95	176716	53.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	100209	43.044	ug/l	99
3) Chloromethane	2.068	50	152732	46.533	ug/l	98
4) Vinyl Chloride	2.202	62	175802	49.013	ug/l	99
5) Bromomethane	2.592	94	115209	44.442	ug/l	97
6) Chloroethane	2.733	64	116627	49.203	ug/l	93
7) Trichlorofluoromethane	3.056	101	235513	47.042	ug/l	98
8) Diethyl Ether	3.458	74	66043	47.601	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	123843	43.326	ug/l	100
10) Methyl Iodide	4.007	142	144186	49.624	ug/l	100
11) Tert butyl alcohol	4.854	59	49325	286.190	ug/l	99
12) 1,1-Dichloroethene	3.787	96	117889	45.238	ug/l	95
13) Acrolein	3.653	56	6332	46.427	ug/l	88
14) Allyl chloride	4.379	41	196118	46.568	ug/l	99
15) Acrylonitrile	5.055	53	149382	252.927	ug/l	99
16) Acetone	3.866	43	135285	231.321	ug/l	94
17) Carbon Disulfide	4.104	76	373070	45.680	ug/l	99
18) Methyl Acetate	4.385	43	69645	53.670	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	333615	50.509	ug/l	99
20) Methylene Chloride	4.616	84	132608	43.196	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	133720	45.818	ug/l	98
22) Diisopropyl ether	6.019	45	435911	48.029	ug/l	95
23) Vinyl Acetate	5.958	43	1305680	252.076	ug/l	100
24) 1,1-Dichloroethane	5.915	63	247632	46.229	ug/l	99
25) 2-Butanone	6.890	43	205058	253.470	ug/l	97
26) 2,2-Dichloropropane	6.884	77	219160	44.466	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	156327	47.150	ug/l	98
28) Bromochloromethane	7.244	49	99378	44.253	ug/l	100
29) Tetrahydrofuran	7.262	42	134526	269.354	ug/l	100
30) Chloroform	7.421	83	254943	45.834	ug/l	96
31) Cyclohexane	7.701	56	208509	41.520	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	229590	45.079	ug/l	100
36) 1,1-Dichloropropene	7.835	75	182538	45.106	ug/l	99
37) Ethyl Acetate	6.982	43	96237	53.803	ug/l	98
38) Carbon Tetrachloride	7.817	117	208002	44.691	ug/l	99
39) Methylcyclohexane	9.109	83	214518	43.215	ug/l	99
40) Benzene	8.079	78	550724	46.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	48819	50.125	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	159980	47.970	ug/l	100
43) Isopropyl Acetate	8.195	43	178204	51.322	ug/l	99
44) Trichloroethene	8.866	130	138798	46.074	ug/l	98
45) 1,2-Dichloropropane	9.140	63	133144	46.927	ug/l	100
46) Dibromomethane	9.231	93	77271	48.947	ug/l	100
47) Bromodichloromethane	9.420	83	198239	47.285	ug/l	99
48) Methyl methacrylate	9.219	41	83204	52.184	ug/l	98
49) 1,4-Dioxane	9.225	88	17400	1122.923	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	488989	272.938	ug/l	99
52) Toluene	10.170	92	349223	46.465	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	182055	49.289	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	212873	48.542	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	100426	48.631	ug/l	99
56) Ethyl methacrylate	10.438	69	142596	54.143	ug/l	100
57) 1,3-Dichloropropane	10.719	76	177256	49.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	301666	248.125	ug/l	100
59) 2-Hexanone	10.762	43	331900	280.170	ug/l	99
60) Dibromochloromethane	10.908	129	138735	49.004	ug/l	99
61) 1,2-Dibromoethane	11.012	107	96126	49.321	ug/l	99
64) Tetrachloroethene	10.646	164	129076	45.156	ug/l	99
65) Chlorobenzene	11.438	112	381151	45.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	134759	45.918	ug/l	99
67) Ethyl Benzene	11.518	91	671051	46.058	ug/l	100
68) m/p-Xylenes	11.627	106	511823	92.530	ug/l	99
69) o-Xylene	11.956	106	241207	47.314	ug/l	99
70) Styrene	11.969	104	409182	48.382	ug/l	100
71) Bromoform	12.133	173	82291	50.160	ug/l #	99
73) Isopropylbenzene	12.255	105	625570	44.162	ug/l	100
74) N-amyl acetate	12.072	43	160862	52.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	120570	48.234	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	157732	87.046	ug/l #	100
77) Bromobenzene	12.530	156	151393	45.684	ug/l	99
78) n-propylbenzene	12.597	91	761639	44.273	ug/l	100
79) 2-Chlorotoluene	12.682	91	438547	44.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	511123	44.401	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	39643	49.734	ug/l	94
82) 4-Chlorotoluene	12.780	91	461879	45.344	ug/l	99
83) tert-Butylbenzene	12.999	119	451658	43.981	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	518969	45.406	ug/l	99
85) sec-Butylbenzene	13.176	105	645229	42.229	ug/l	99
86) p-Isopropyltoluene	13.292	119	548013	43.535	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	293176	44.444	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	289782	44.918	ug/l	99
89) n-Butylbenzene	13.621	91	506117	43.542	ug/l	100
90) Hexachloroethane	13.883	117	113526	42.276	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	261927	46.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18777	50.147	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	148286	48.018	ug/l	99
94) Hexachlorobutadiene	15.023	225	84098	43.444	ug/l	100
95) Naphthalene	15.145	128	270055	51.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	127059	48.920	ug/l	99

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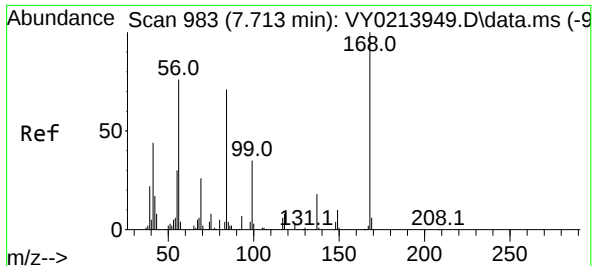
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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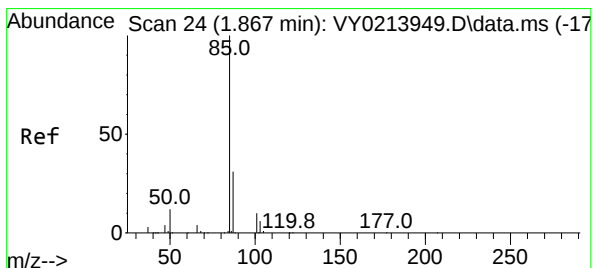
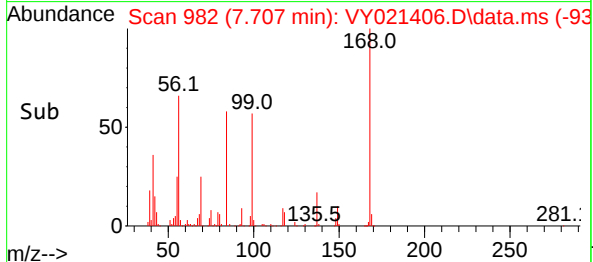
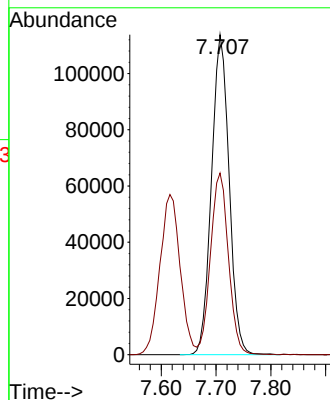
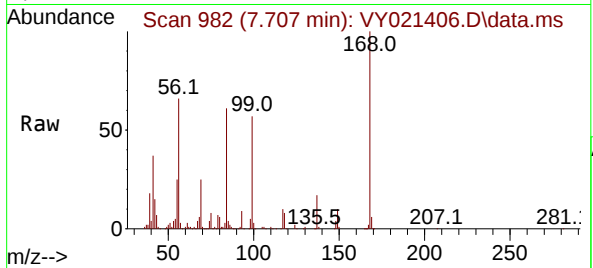




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021406.D
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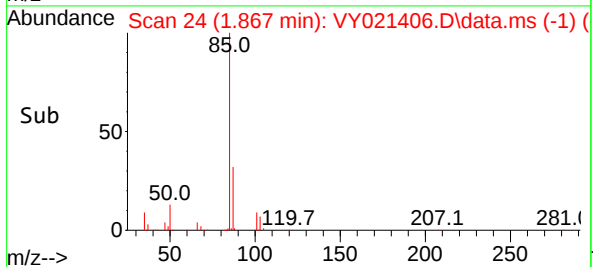
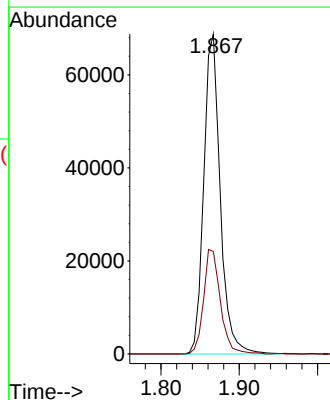
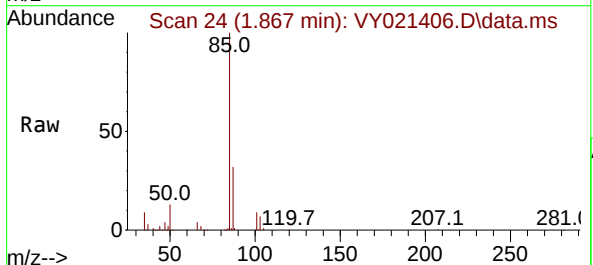
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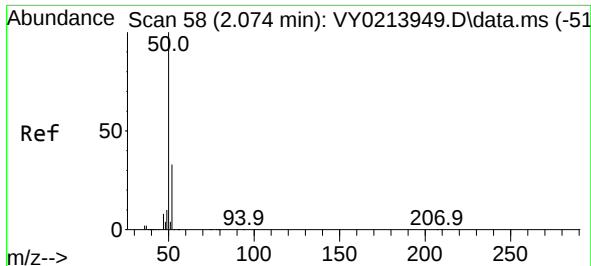
Tgt Ion:168 Resp: 253694
Ion Ratio Lower Upper
168 100
99 56.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 43.044 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 85 Resp: 100209
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

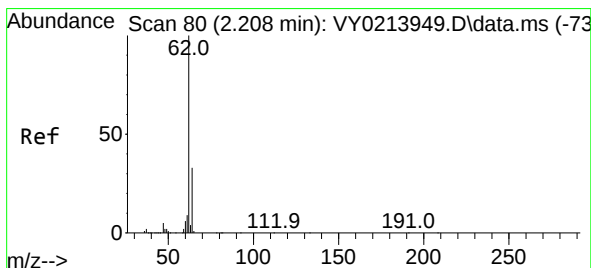
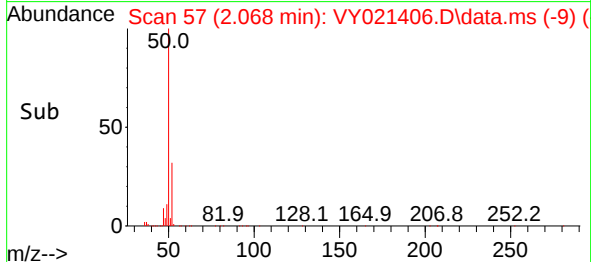
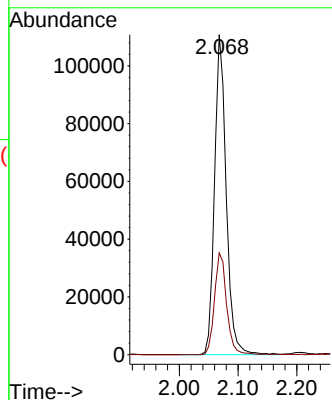
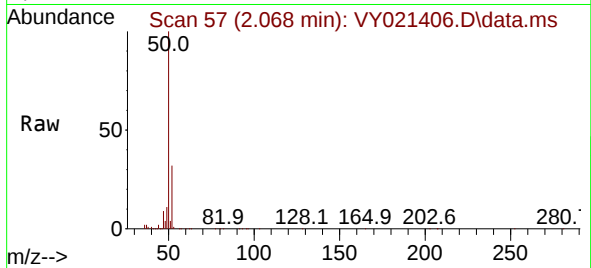




#3
Chloromethane
Concen: 46.533 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

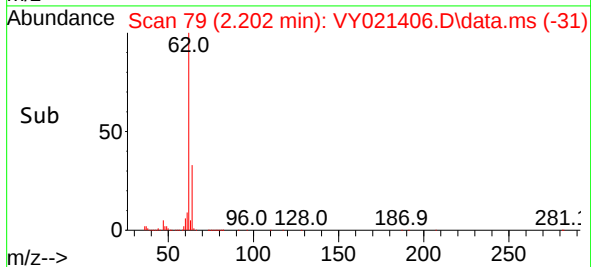
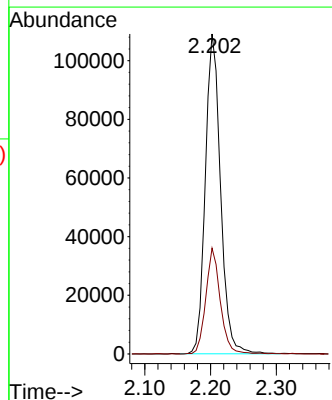
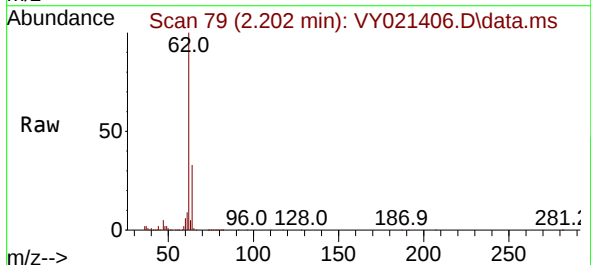
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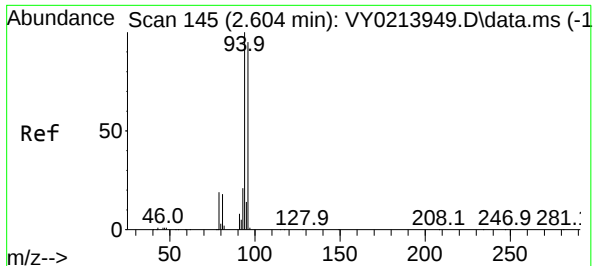
Tgt Ion: 50 Resp: 152732
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 49.013 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 62 Resp: 175802
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2

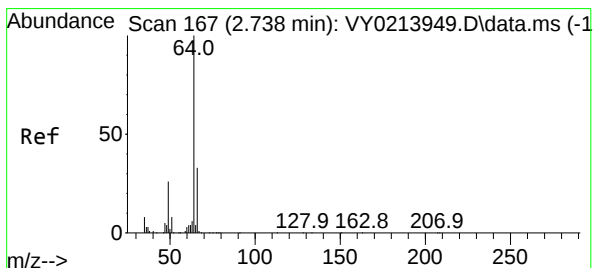
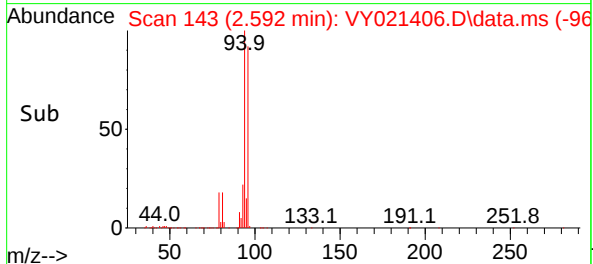
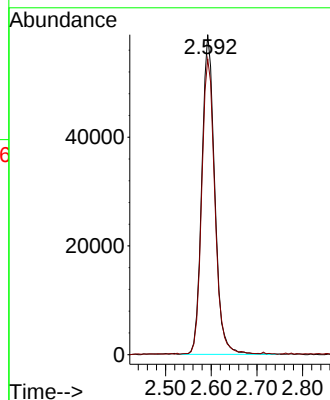
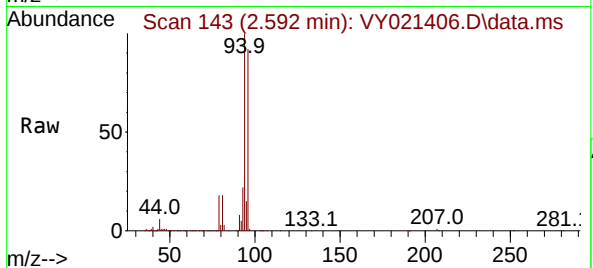




#5
Bromomethane
Concen: 44.442 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

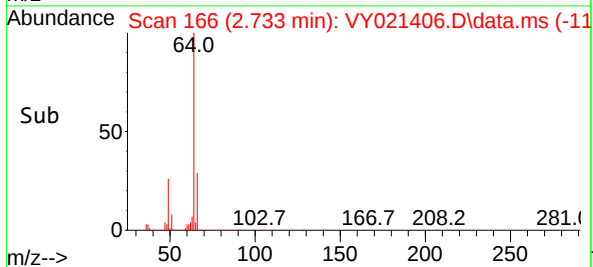
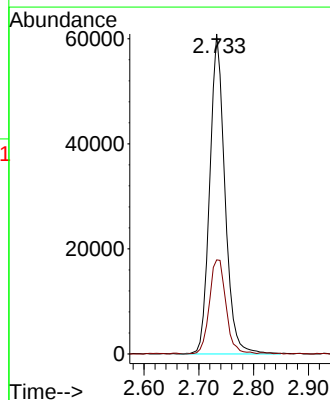
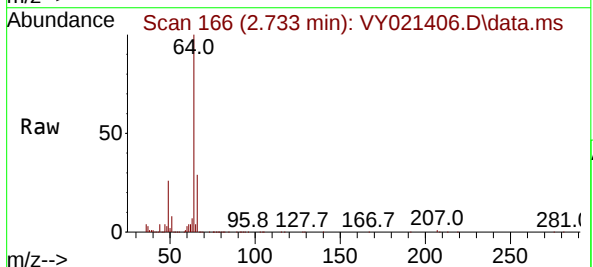
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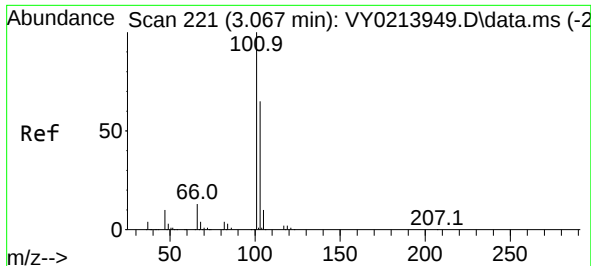
Tgt Ion: 94 Resp: 115209
Ion Ratio Lower Upper
94 100
96 92.4 76.3 114.5



#6
Chloroethane
Concen: 49.203 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 64 Resp: 116627
Ion Ratio Lower Upper
64 100
66 29.3 26.7 40.1

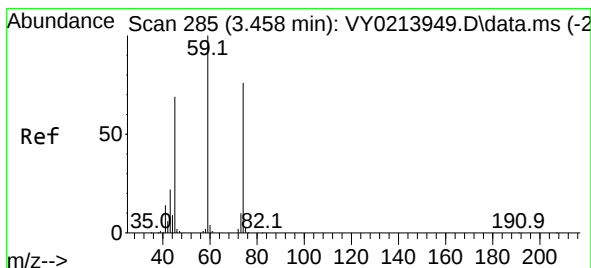
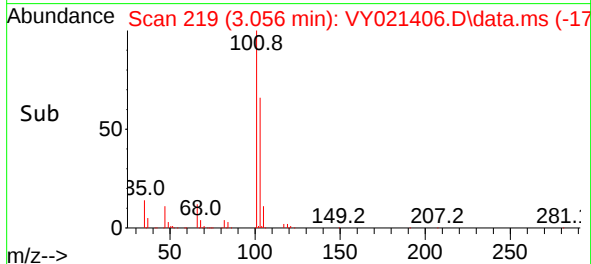
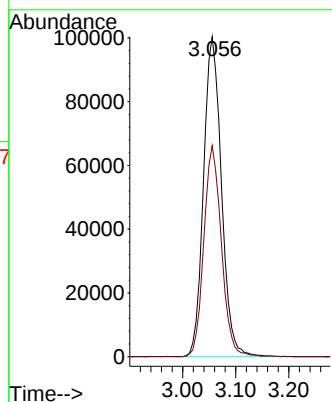
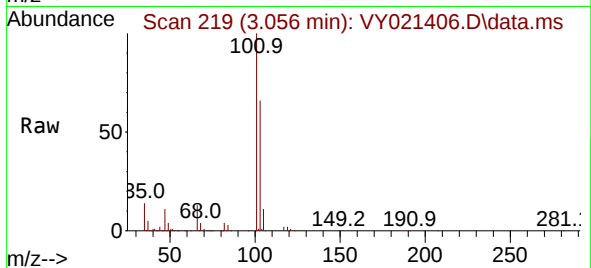




#7
 Trichlorofluoromethane
 Concen: 47.042 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

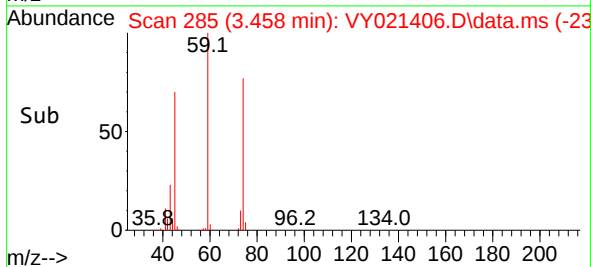
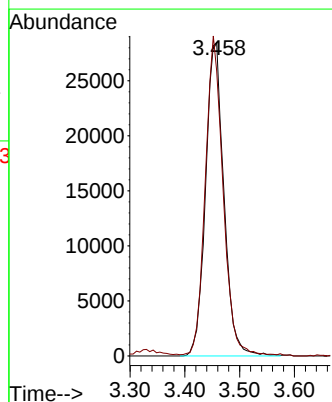
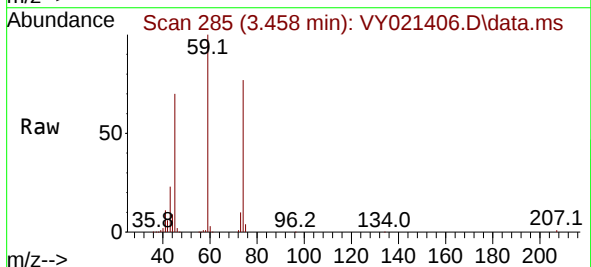
Instrument :
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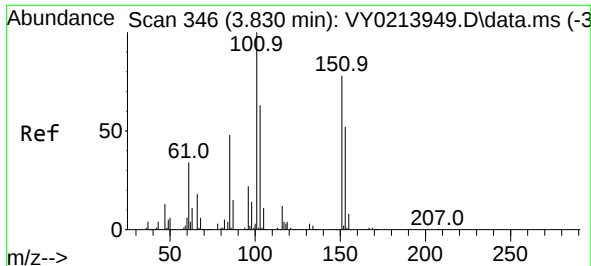
Tgt Ion:101 Resp: 235513
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 47.601 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion: 74 Resp: 66043
 Ion Ratio Lower Upper
 74 100
 45 98.4 49.7 149.1

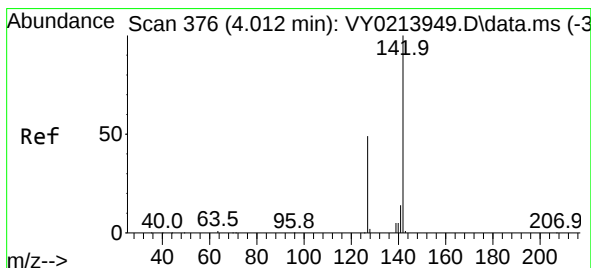
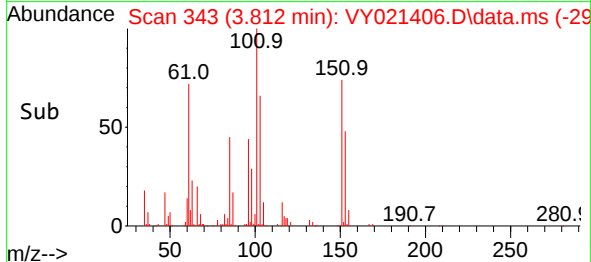
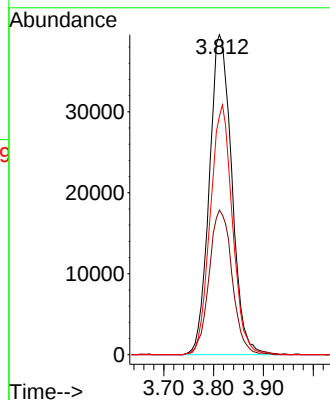
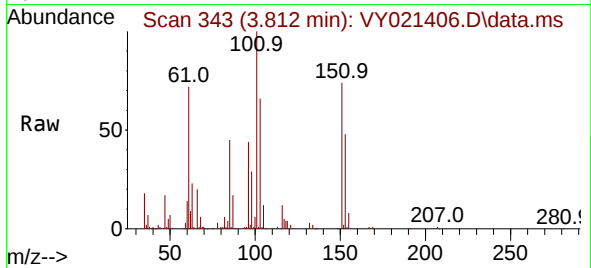




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.326 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021406.D
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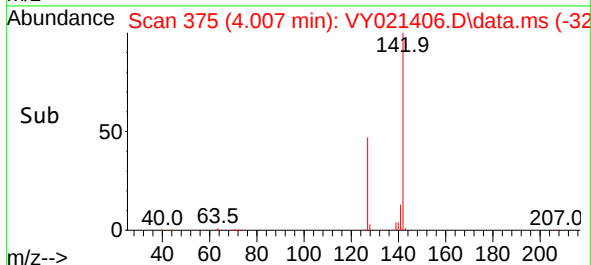
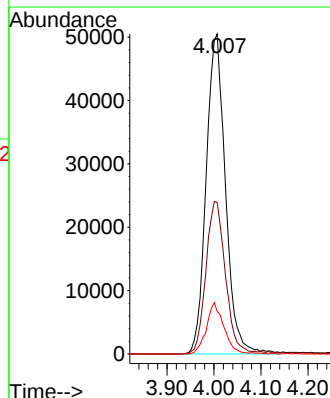
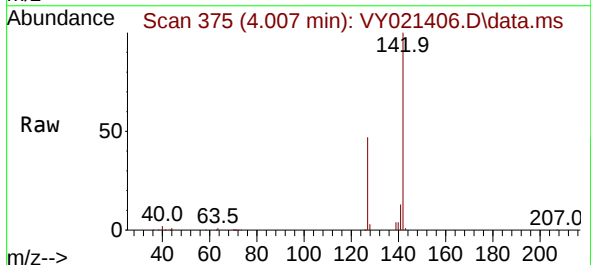
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

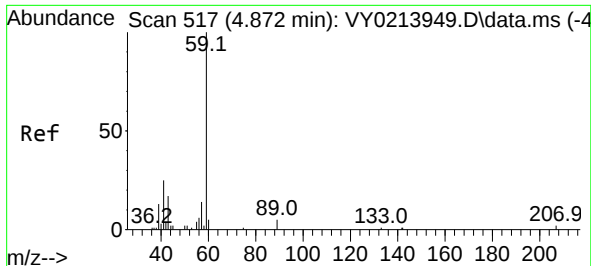
Tgt Ion:101 Resp: 123843
Ion Ratio Lower Upper
101 100
85 46.3 37.1 55.7
151 77.1 62.1 93.1



#10
Methyl Iodide
Concen: 49.624 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:142 Resp: 144186
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 286.190 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

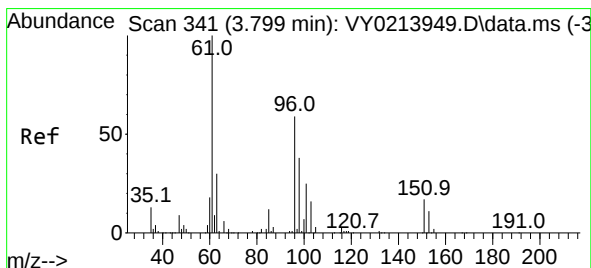
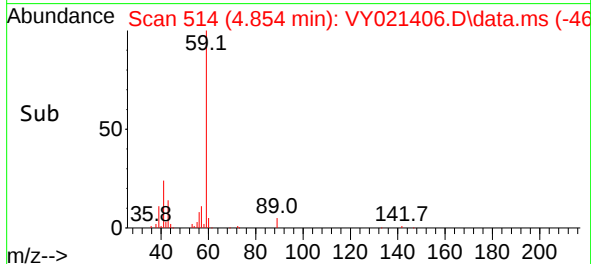
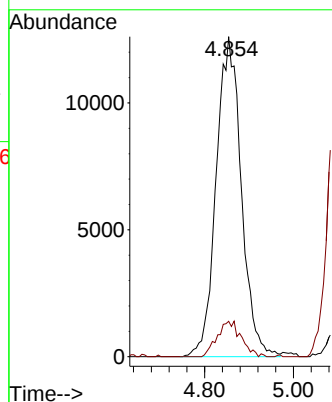
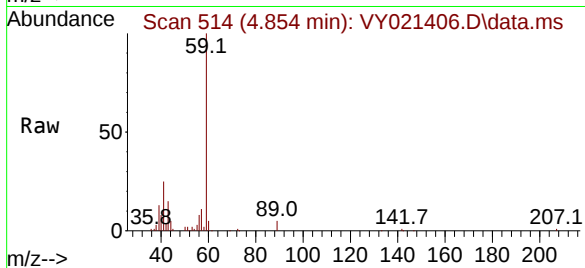
VSTDCCC050

Tgt Ion: 59 Resp: 49325

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 45.238 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

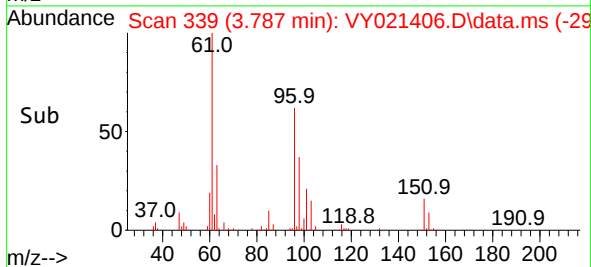
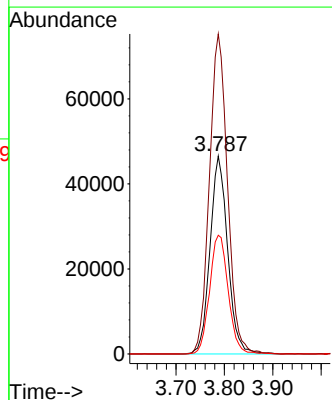
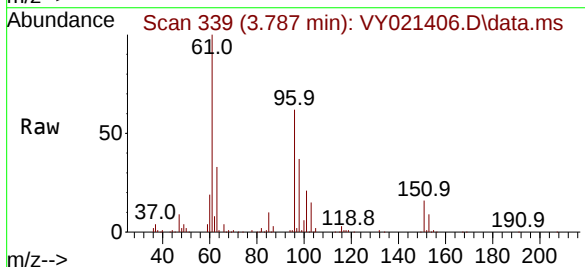
Tgt Ion: 96 Resp: 117889

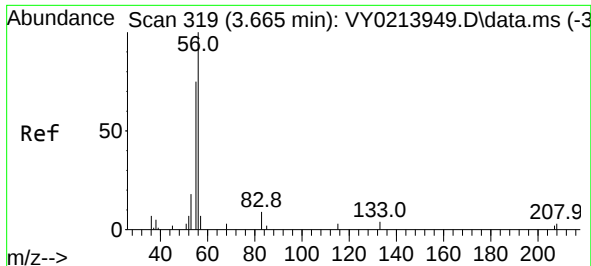
Ion Ratio Lower Upper

96 100

61 161.6 135.2 202.8

98 60.0 51.4 77.2

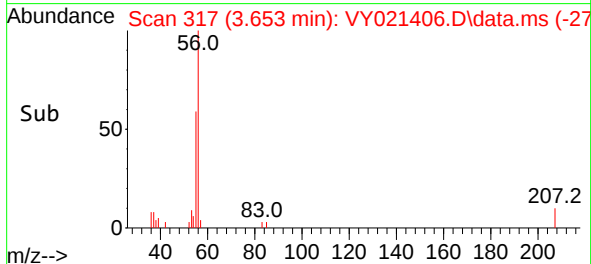
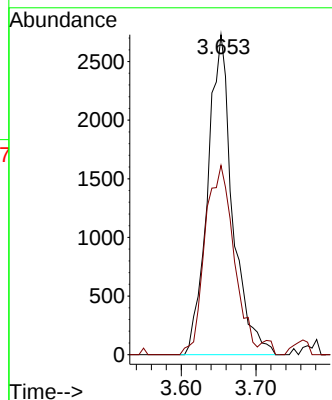
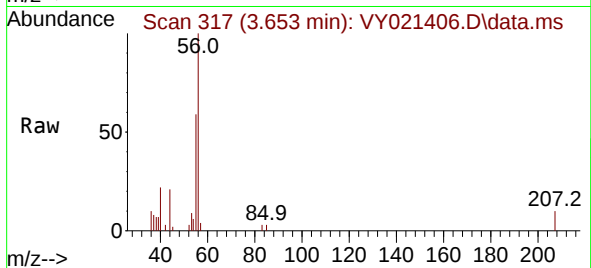




#13
Acrolein
Concen: 46.427 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

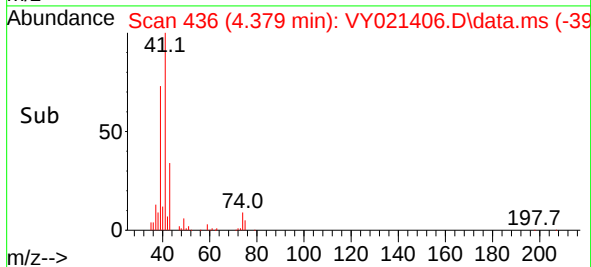
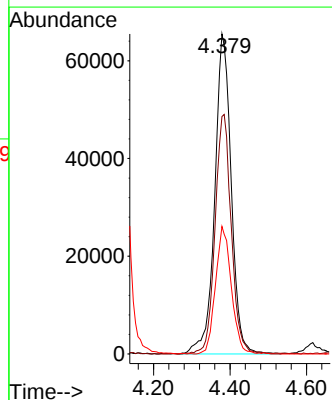
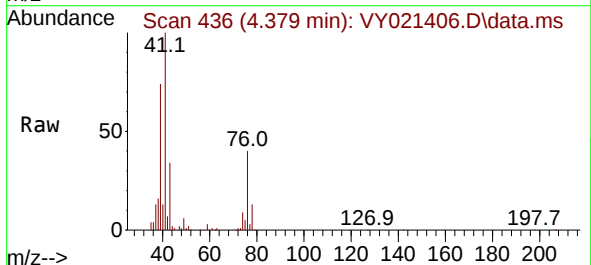
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

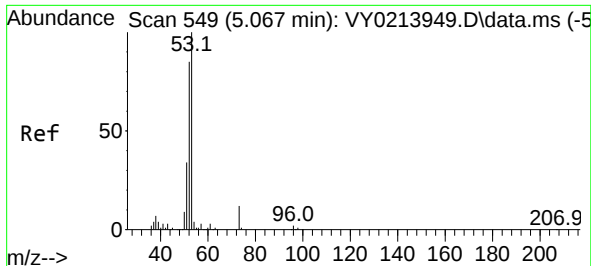
Tgt Ion: 56 Resp: 6332
Ion Ratio Lower Upper
56 100
55 68.6 63.4 95.2



#14
Allyl chloride
Concen: 46.568 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 41 Resp: 196118
Ion Ratio Lower Upper
41 100
39 73.7 59.3 88.9
76 38.2 29.8 44.8

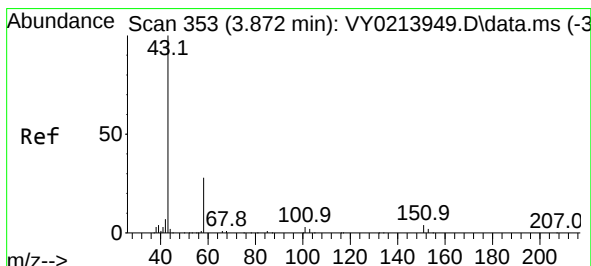
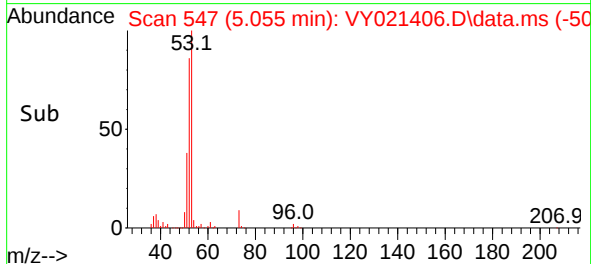
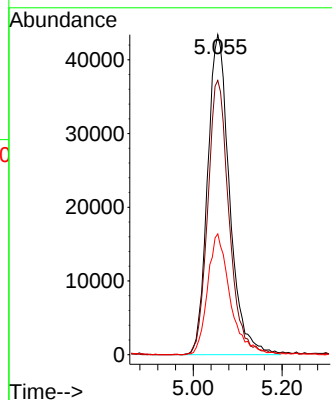
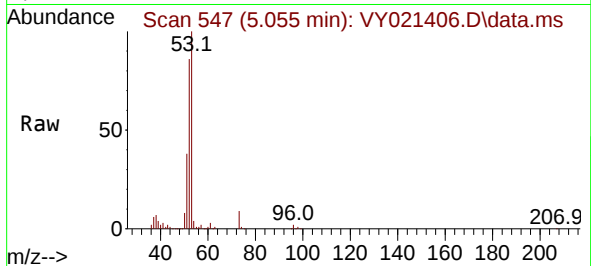




#15
Acrylonitrile
Concen: 252.927 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

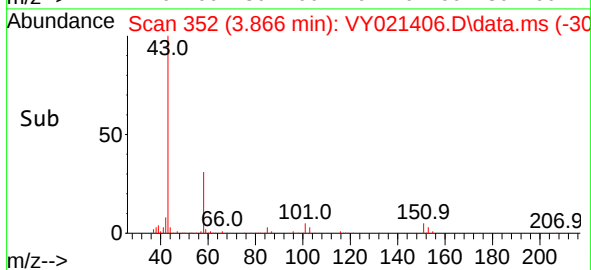
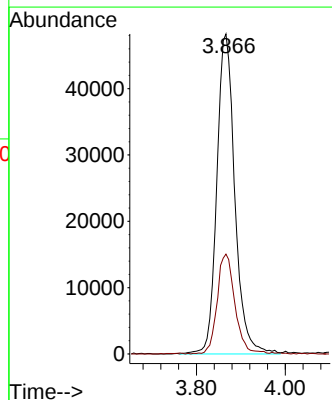
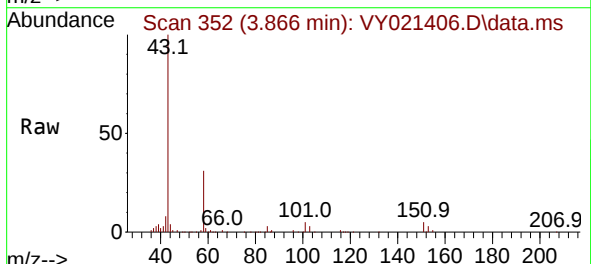
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

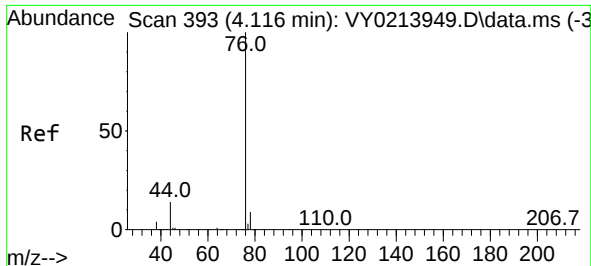
Tgt Ion: 53 Resp: 149382
Ion Ratio Lower Upper
53 100
52 83.0 66.3 99.5
51 39.0 30.3 45.5



#16
Acetone
Concen: 231.321 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 43 Resp: 135285
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1

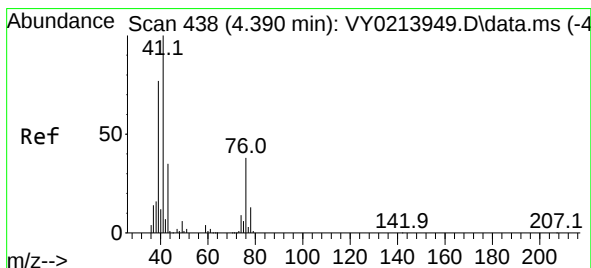
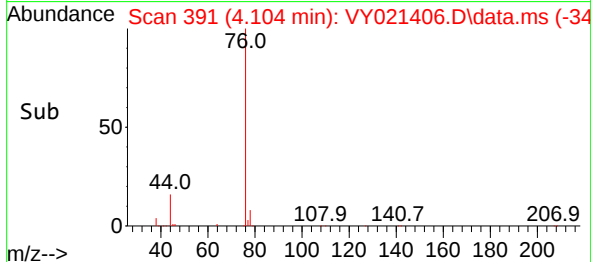
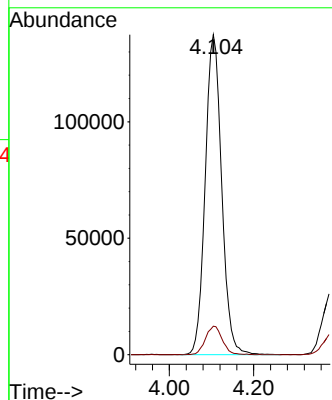
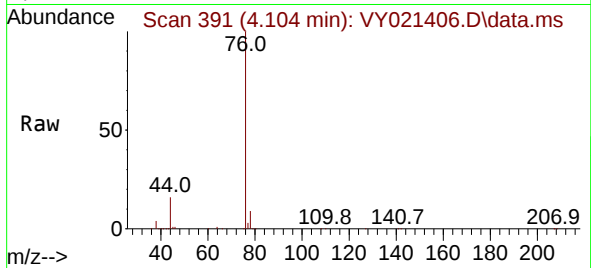




#17
Carbon Disulfide
Concen: 45.680 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

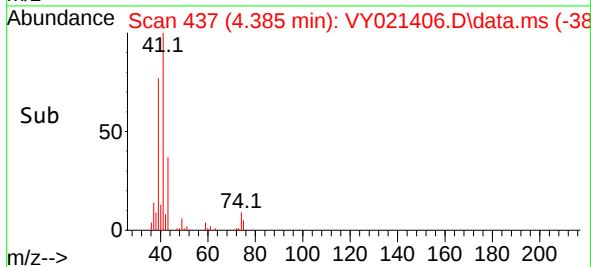
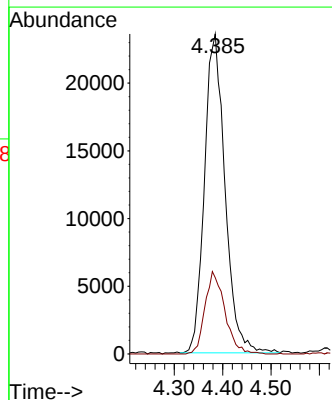
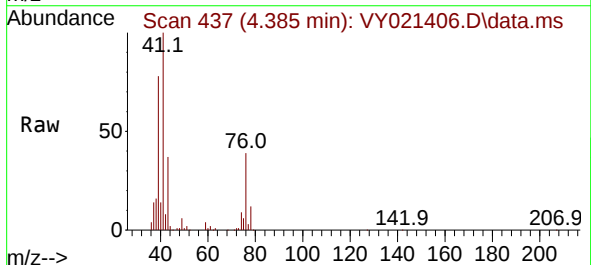
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

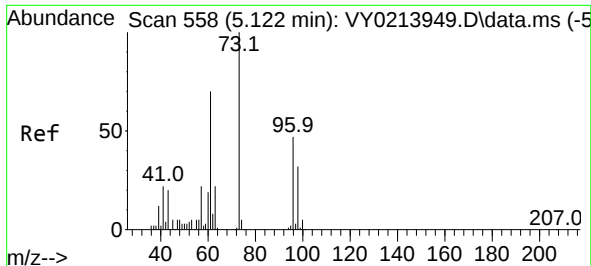
Tgt Ion: 76 Resp: 373070
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 53.670 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 43 Resp: 69645
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0

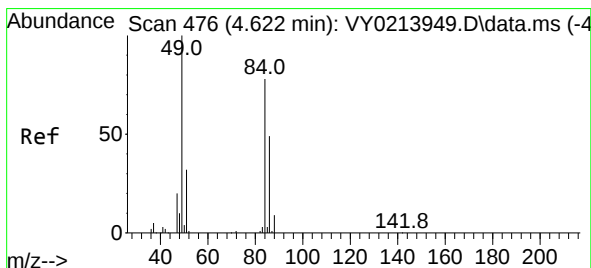
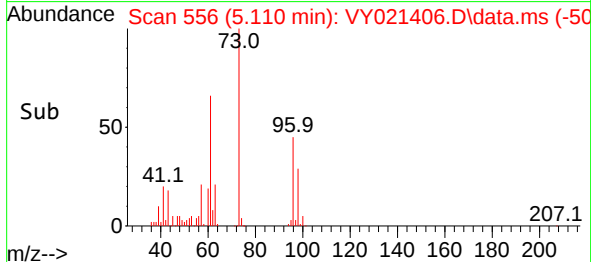
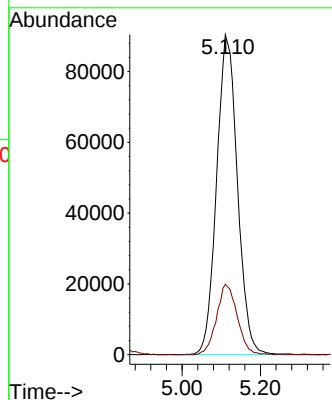
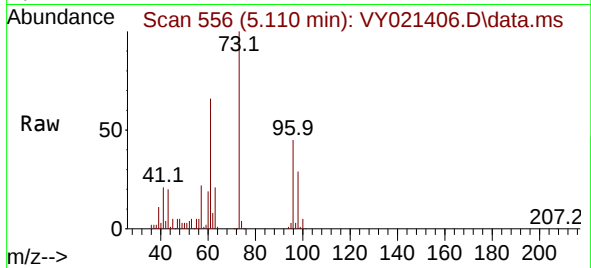




#19
Methyl tert-butyl Ether
Concen: 50.509 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

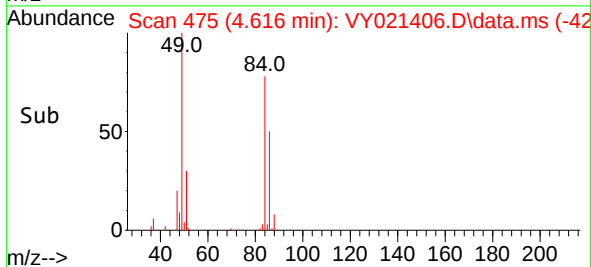
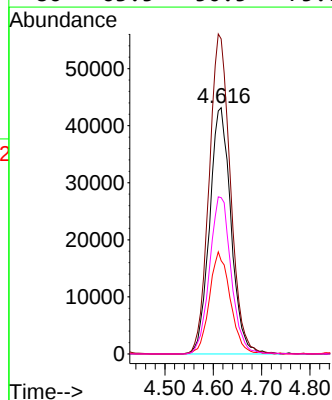
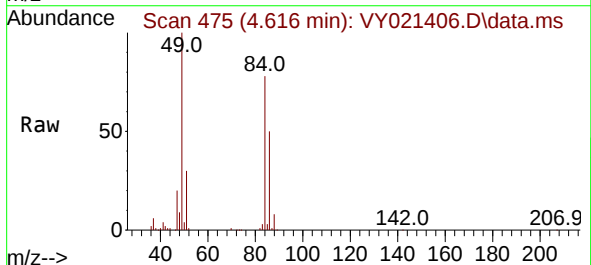
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

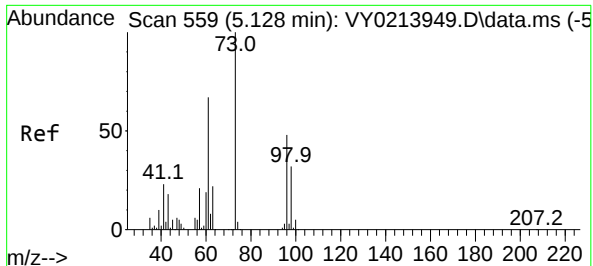
Tgt Ion: 73 Resp: 333615
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 43.196 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 84 Resp: 132608
Ion Ratio Lower Upper
84 100
49 127.9 102.0 153.0
51 37.9 33.0 49.6
86 63.5 50.5 75.7

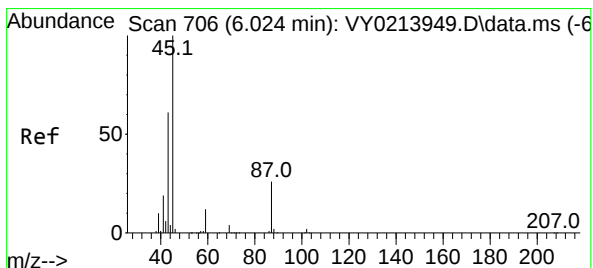
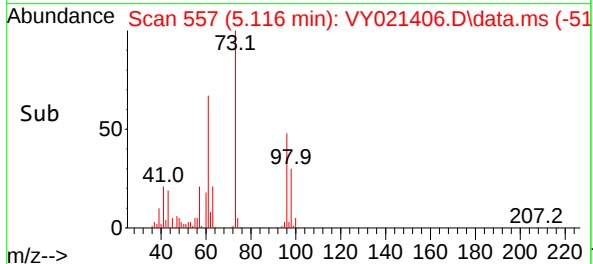
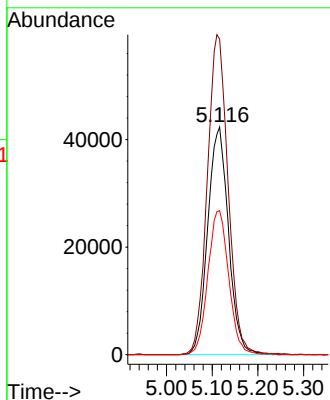
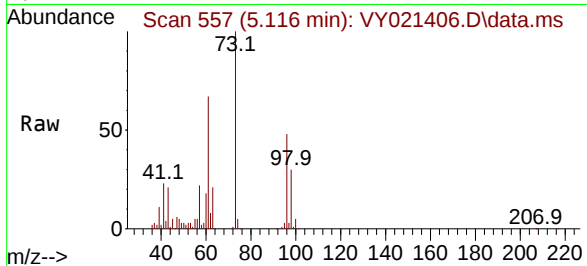




#21
trans-1,2-Dichloroethene
Concen: 45.818 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

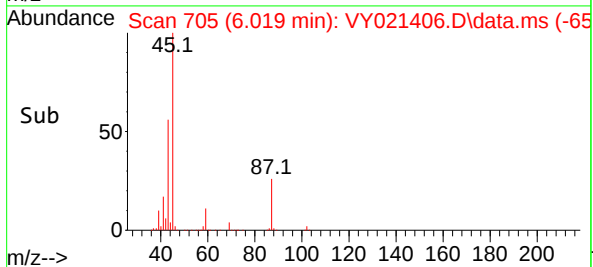
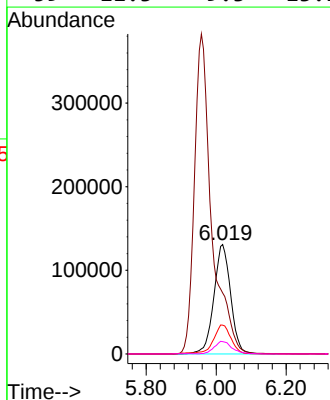
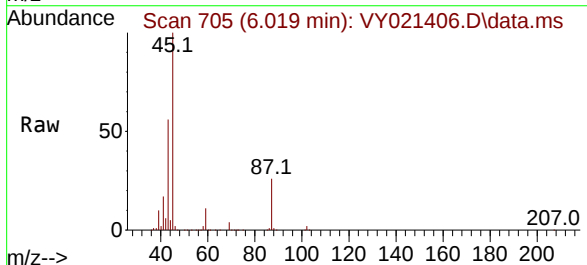
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

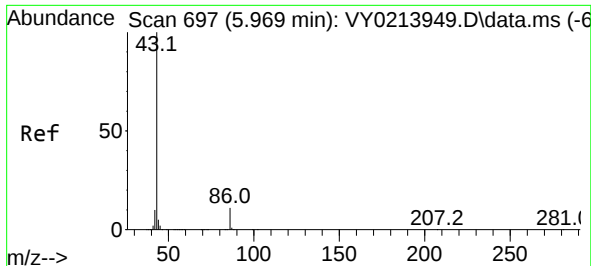
Tgt Ion: 96 Resp: 133720
Ion Ratio Lower Upper
96 100
61 138.6 111.5 167.3
98 63.2 53.8 80.8



#22
Diisopropyl ether
Concen: 48.029 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 45 Resp: 435911
Ion Ratio Lower Upper
45 100
43 55.4 48.7 73.1
87 26.3 21.5 32.3
59 11.3 9.3 13.9

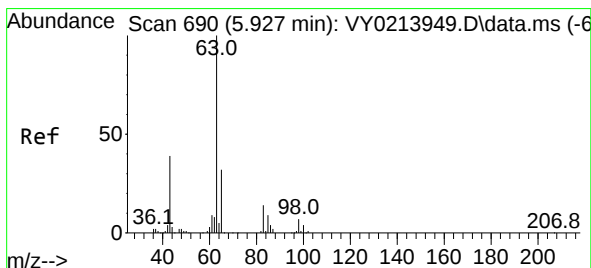
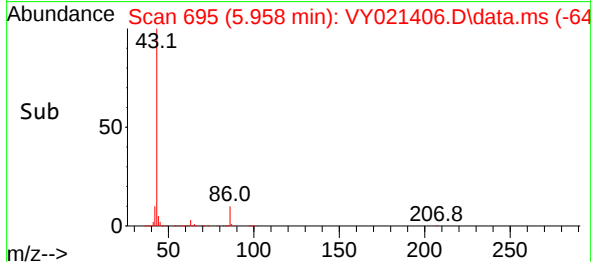
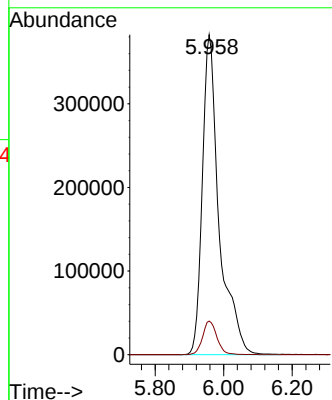
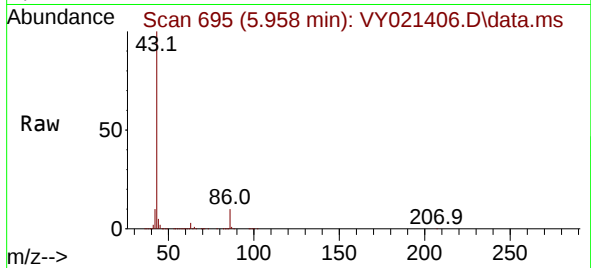




#23
 Vinyl Acetate
 Concen: 252.076 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

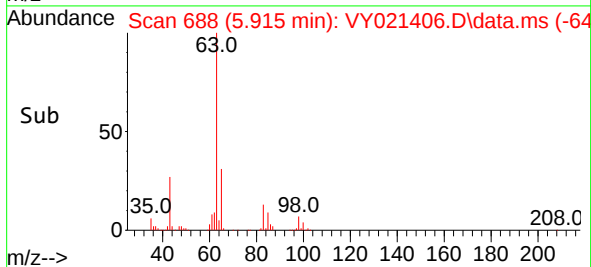
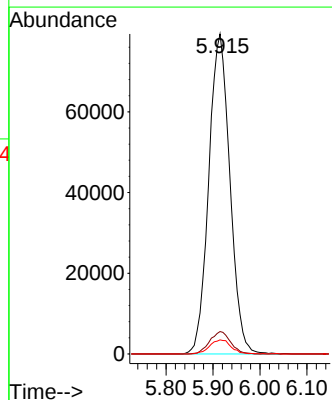
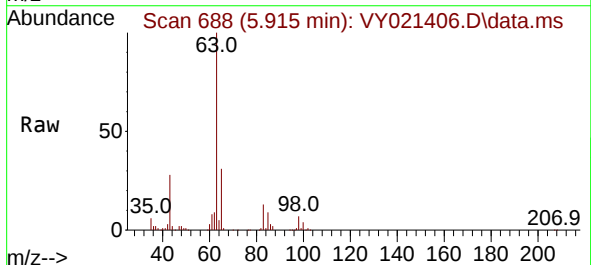
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

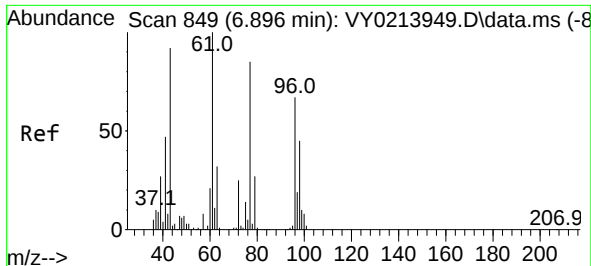
Tgt Ion: 43 Resp: 1305680
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.229 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion: 63 Resp: 247632
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.4 2.1 6.5

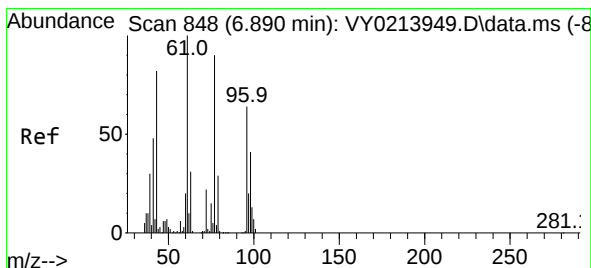
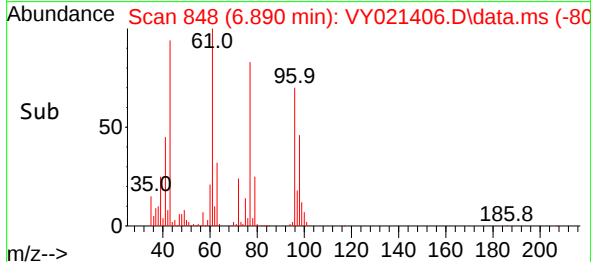
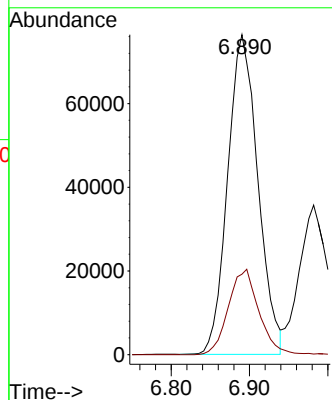
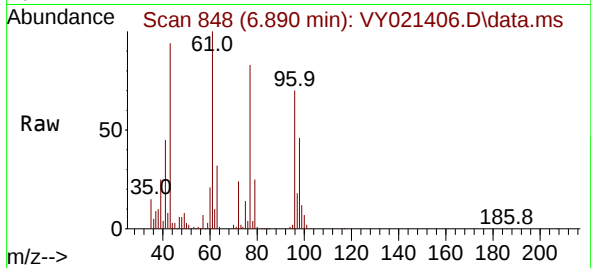




#25
2-Butanone
Concen: 253.470 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

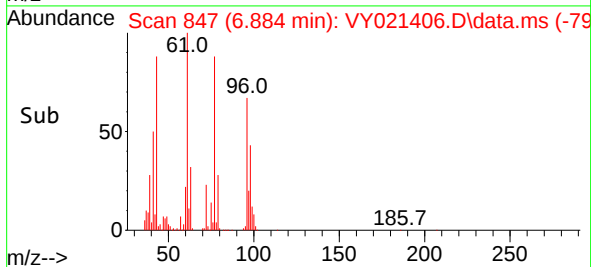
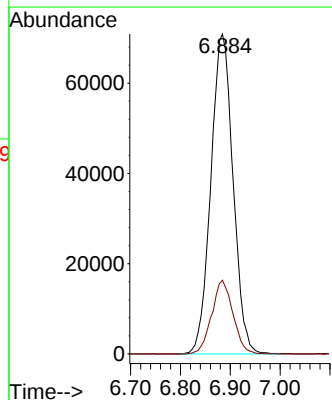
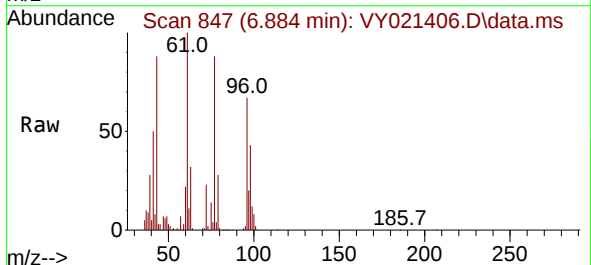
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

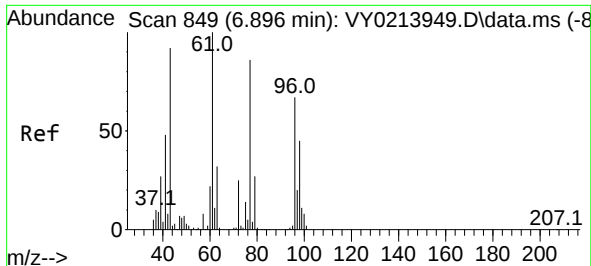
Tgt Ion: 43 Resp: 205058
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.0



#26
2,2-Dichloropropane
Concen: 44.466 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 77 Resp: 219160
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8

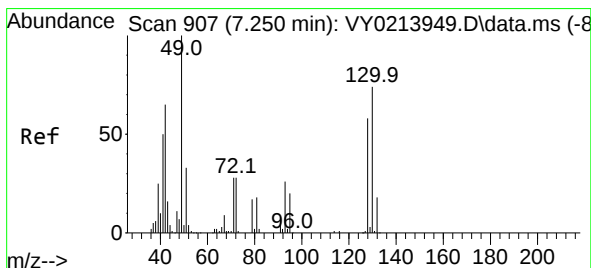
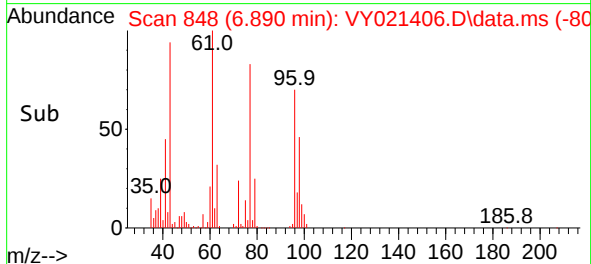
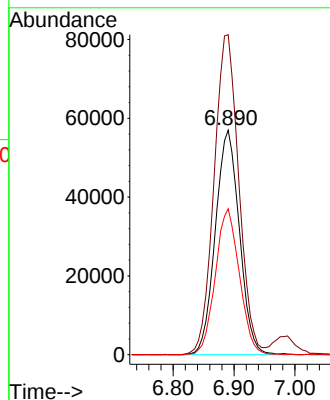
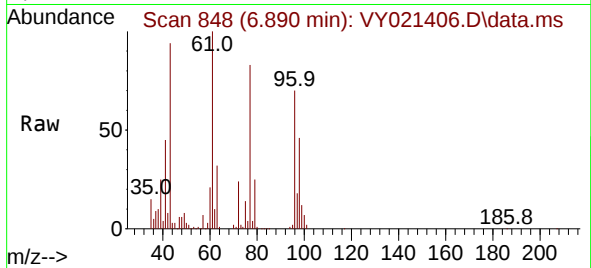




#27
 cis-1,2-Dichloroethene
 Concen: 47.150 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

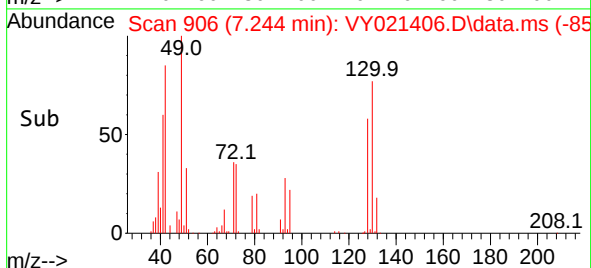
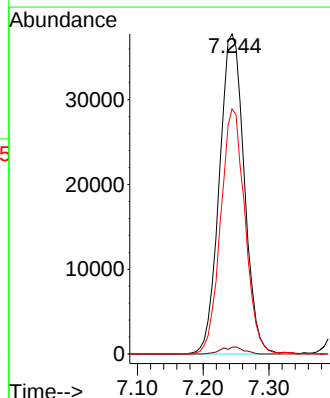
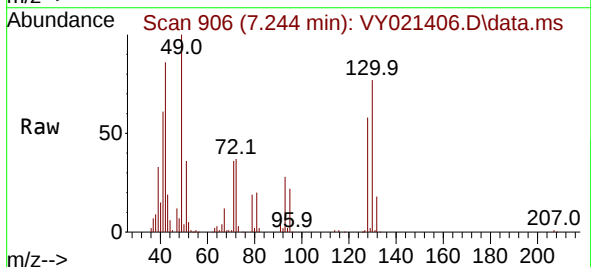
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

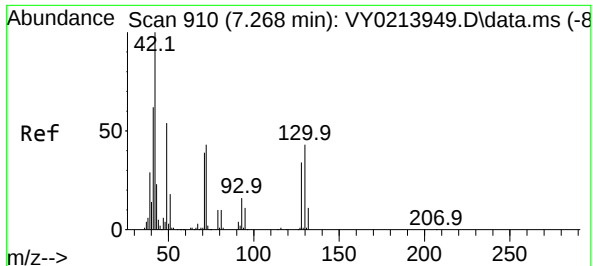
Tgt Ion: 96 Resp: 156327
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 300.8
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 44.253 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion: 49 Resp: 99378
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 269.354 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

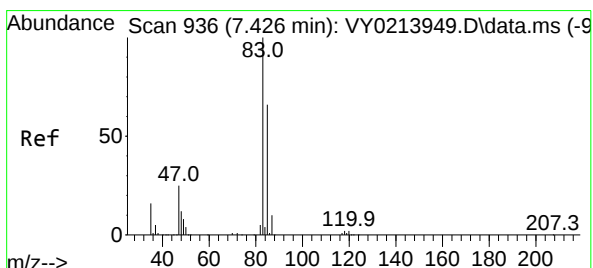
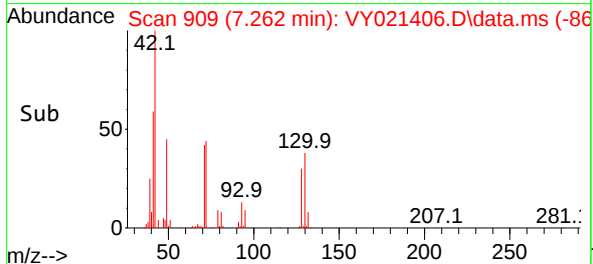
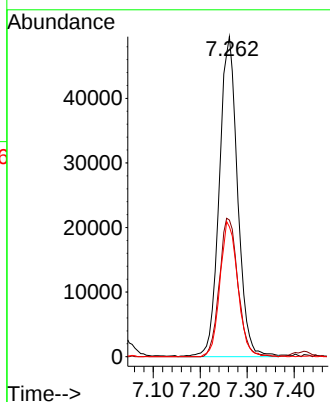
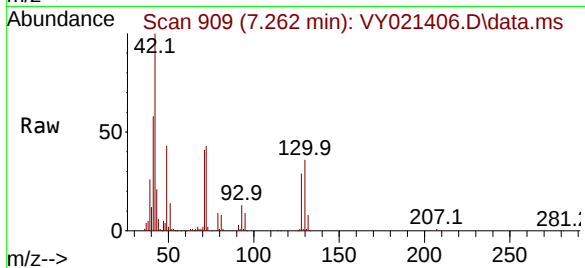
Tgt Ion: 42 Resp: 134526

Ion Ratio Lower Upper

42 100

72 43.8 34.8 52.2

71 40.9 32.6 48.8



#30

Chloroform

Concen: 45.834 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021406.D

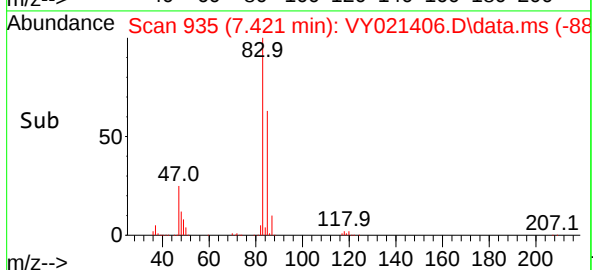
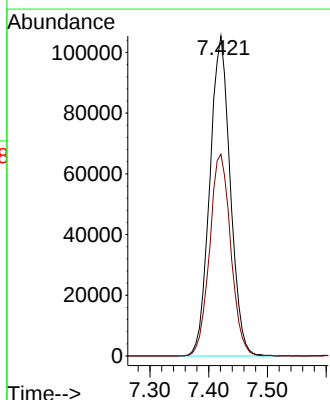
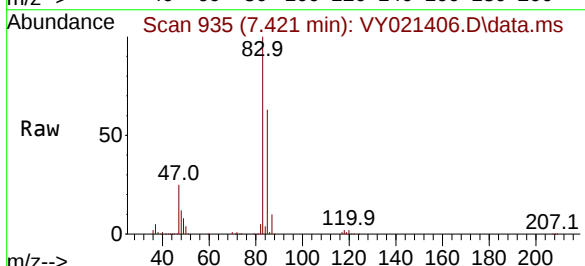
Acq: 05 Mar 2025 11:39

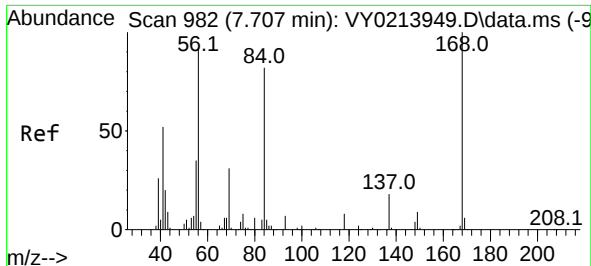
Tgt Ion: 83 Resp: 254943

Ion Ratio Lower Upper

83 100

85 63.1 53.1 79.7





#31

Cyclohexane

Concen: 41.520 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

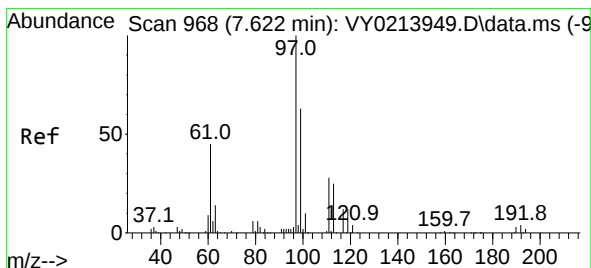
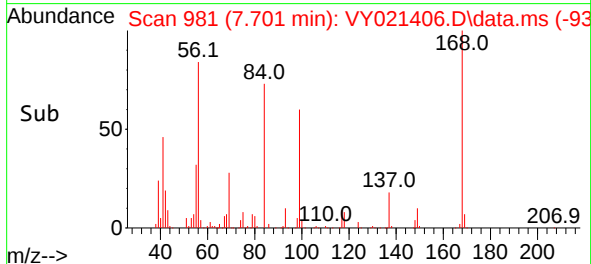
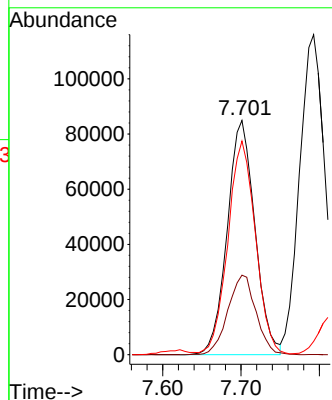
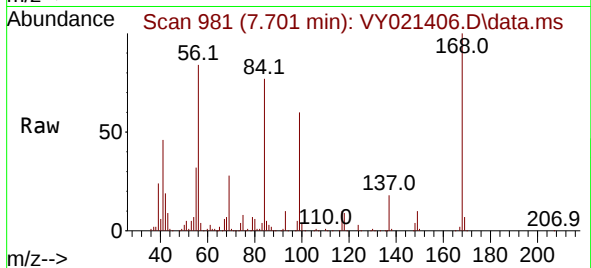
Tgt Ion: 56 Resp: 208509

Ion Ratio Lower Upper

56 100

69 33.9 27.0 40.4

84 89.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 45.079 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

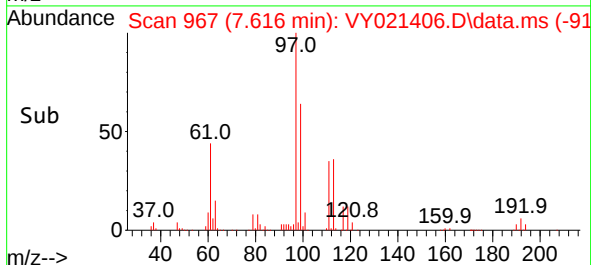
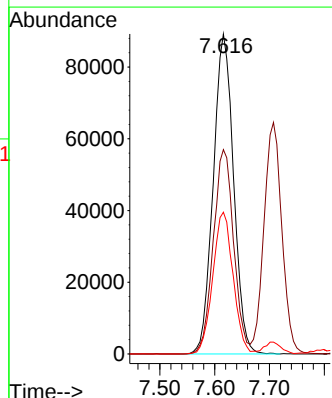
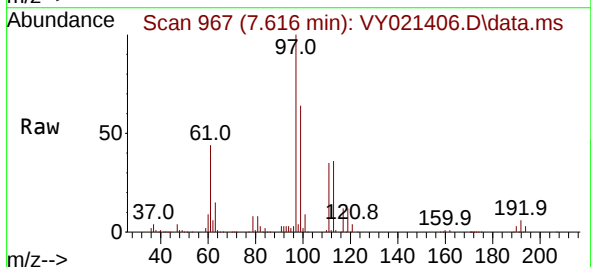
Tgt Ion: 97 Resp: 229590

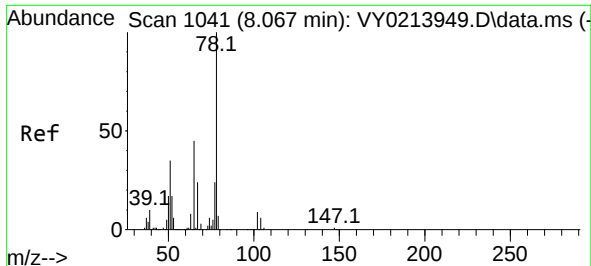
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 44.5 35.7 53.5

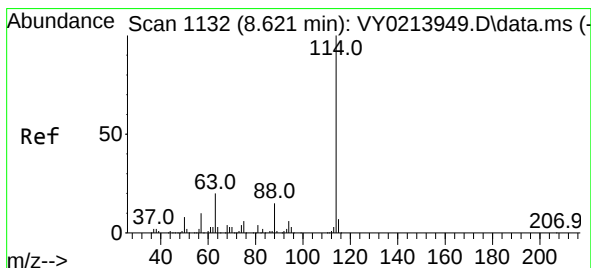
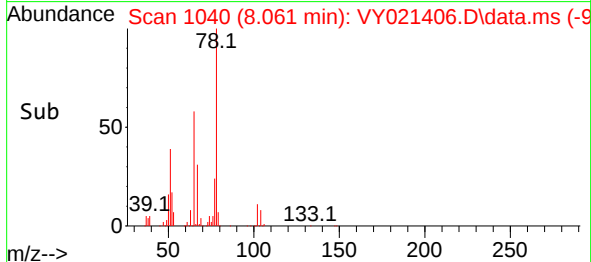
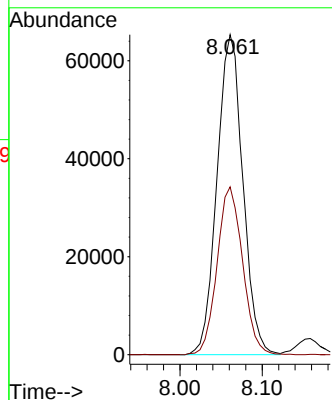
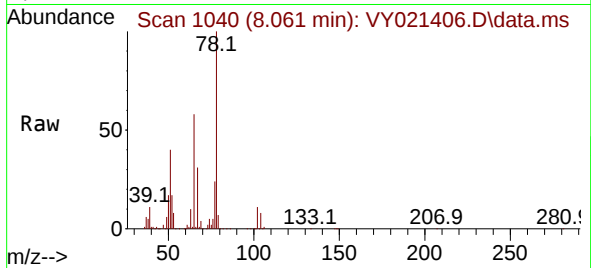




#33
1,2-Dichloroethane-d4
Concen: 53.234 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

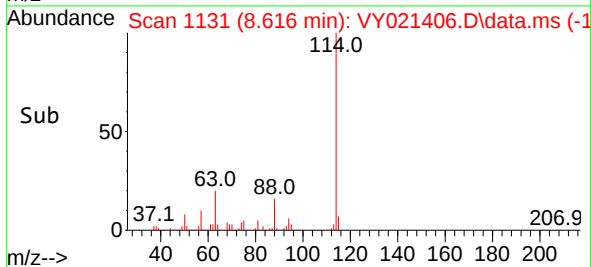
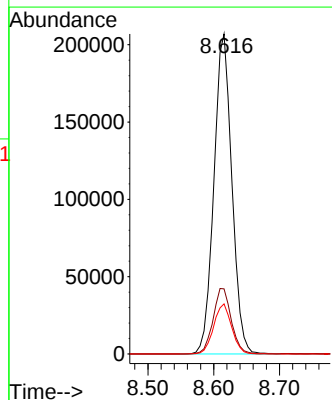
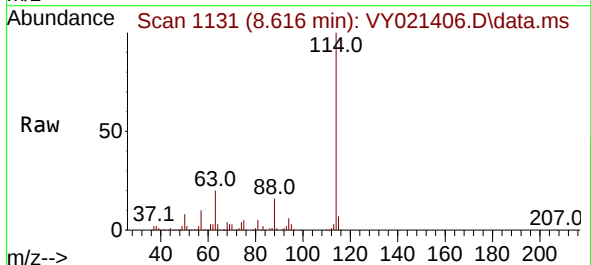
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

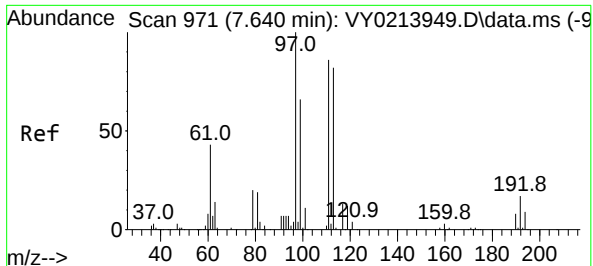
Tgt Ion: 65 Resp: 142742
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 114 Resp: 393321
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.901 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

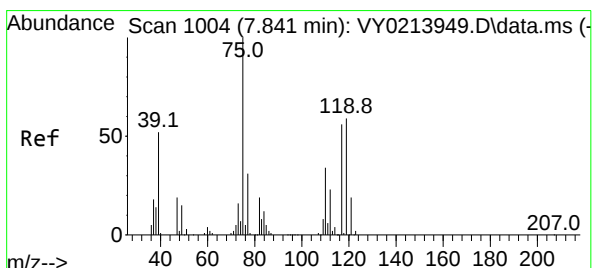
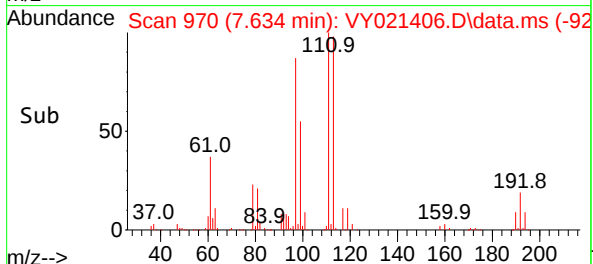
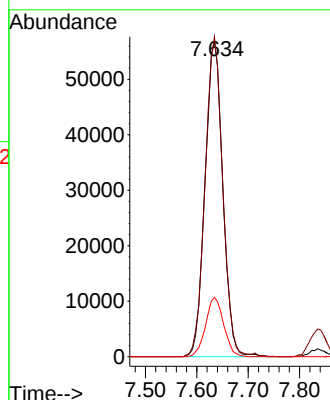
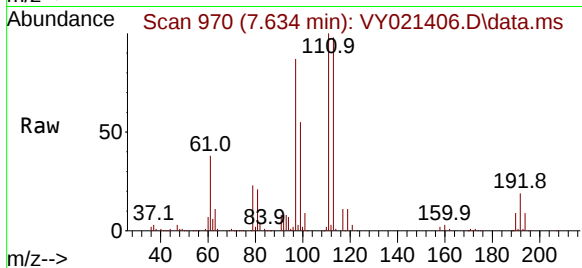
Tgt Ion:113 Resp: 136768

Ion Ratio Lower Upper

113 100

111 100.2 82.0 123.0

192 19.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 45.106 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

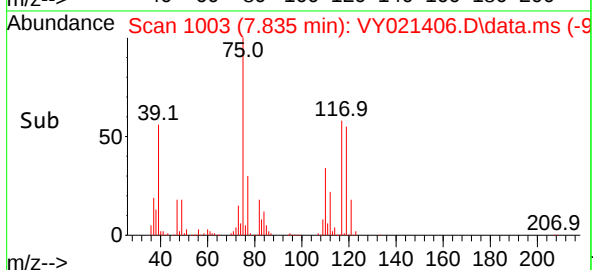
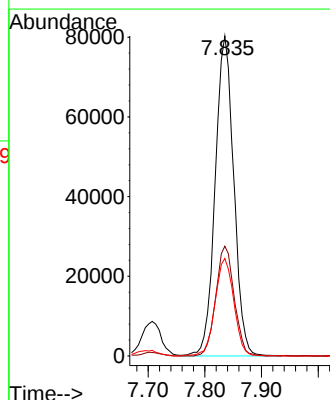
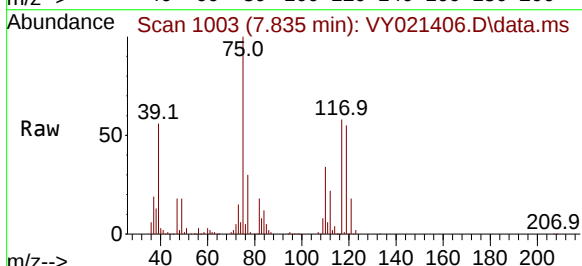
Tgt Ion: 75 Resp: 182538

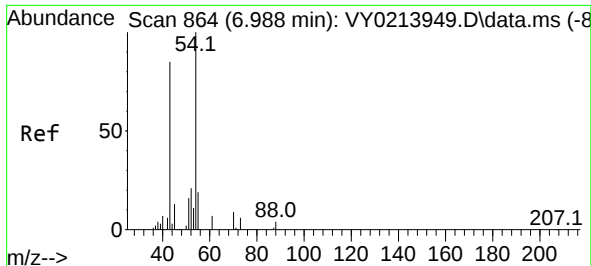
Ion Ratio Lower Upper

75 100

110 34.0 17.3 51.7

77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 53.803 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

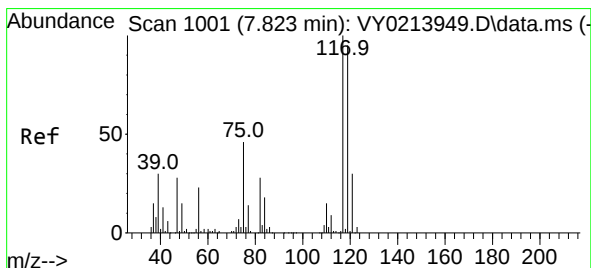
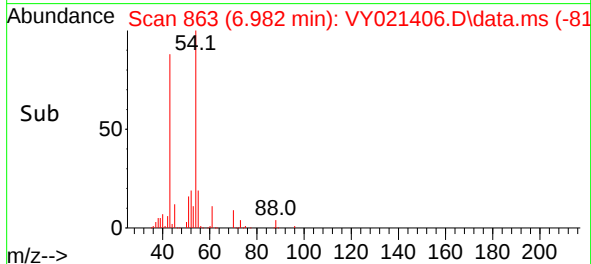
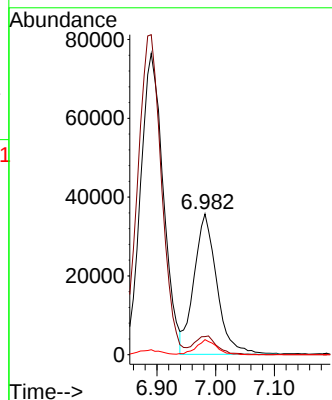
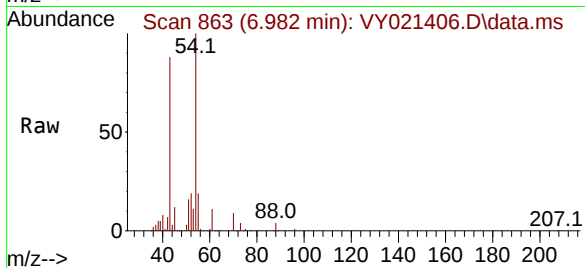
Tgt Ion: 43 Resp: 96237

Ion Ratio Lower Upper

43 100

61 13.2 11.4 17.0

70 9.4 8.2 12.2



#38

Carbon Tetrachloride

Concen: 44.691 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

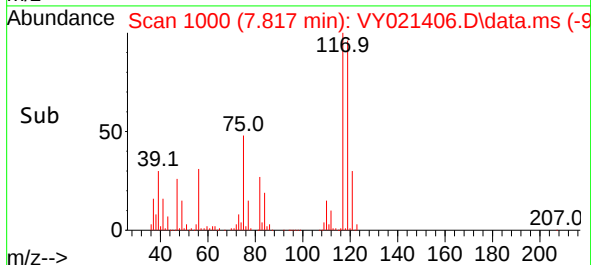
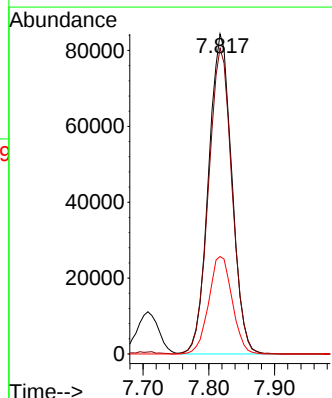
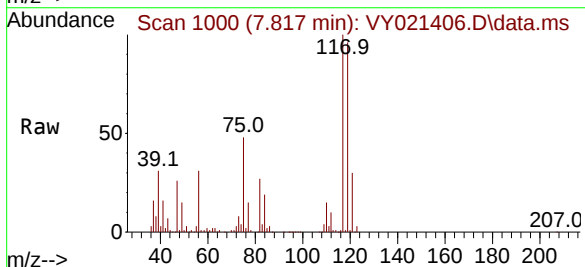
Tgt Ion: 117 Resp: 208002

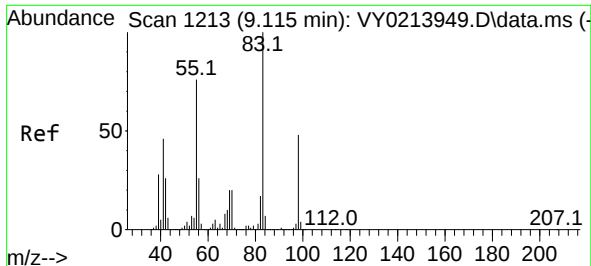
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

121 30.5 23.9 35.9

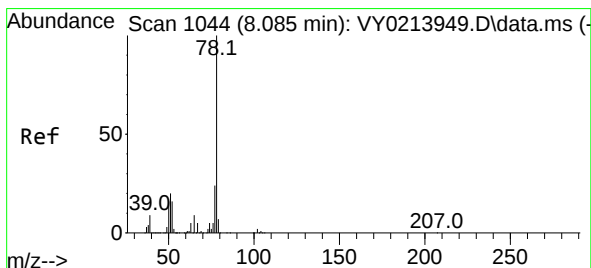
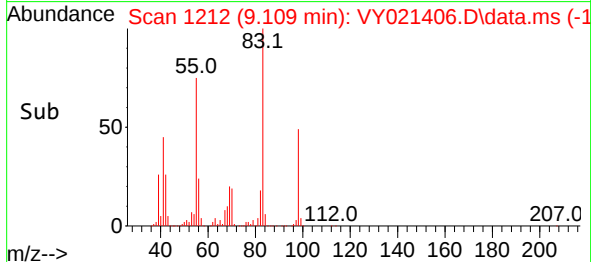
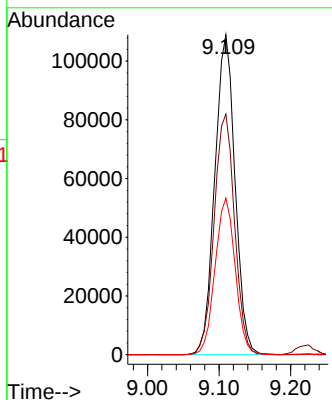
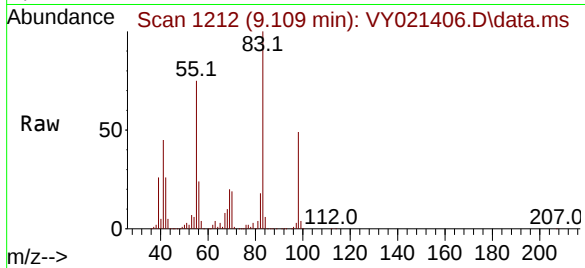




#39
Methylcyclohexane
Concen: 43.215 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

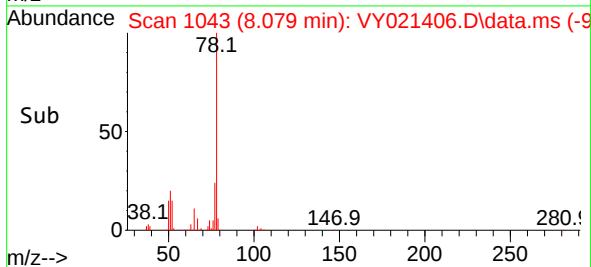
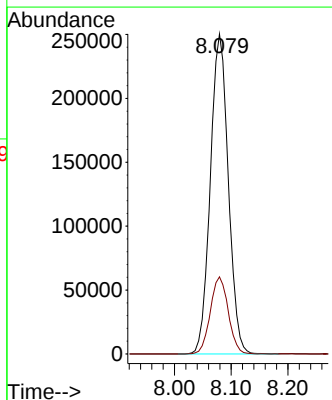
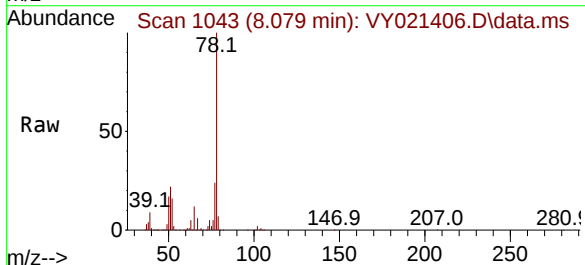
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

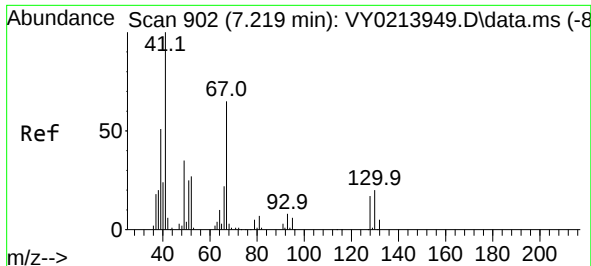
Tgt Ion: 83 Resp: 214518
Ion Ratio Lower Upper
83 100
55 75.2 60.7 91.1
98 48.9 38.6 57.8



#40
Benzene
Concen: 46.197 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 78 Resp: 550724
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

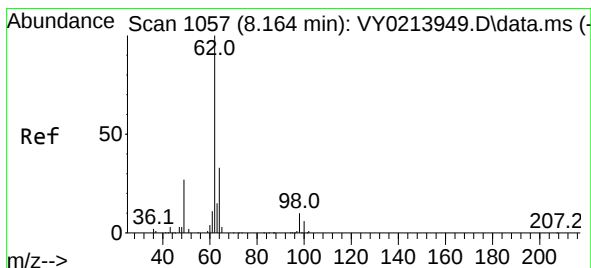
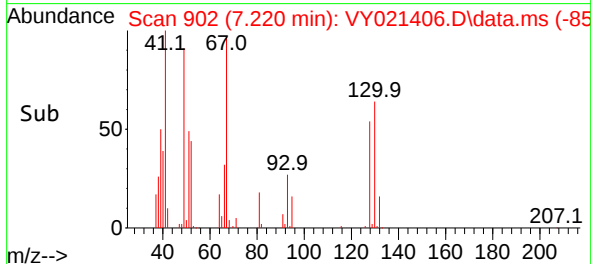
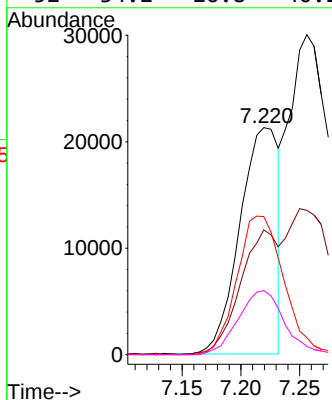
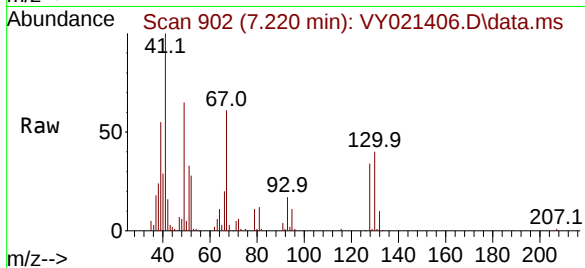




#41
Methacrylonitrile
Concen: 50.125 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

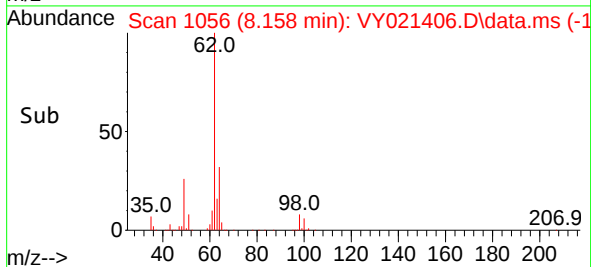
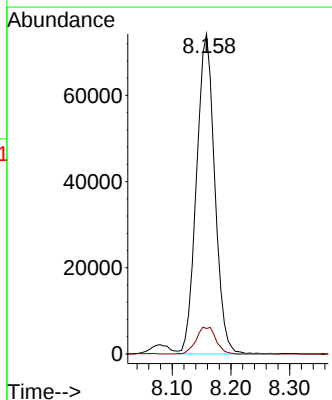
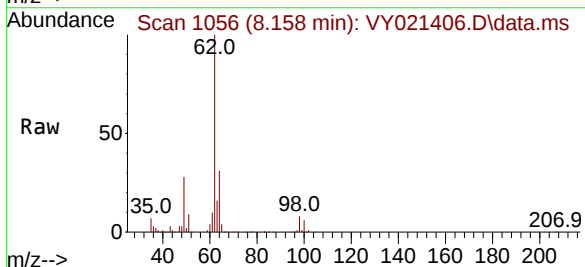
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

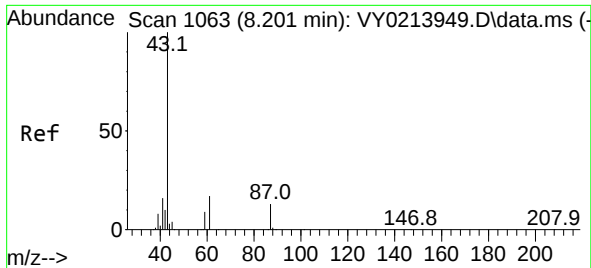
Tgt Ion:	41	Resp:	48819
Ion	Ratio	Lower	Upper
41	100		
39	53.7	35.0	52.6#
67	74.8	61.2	91.8
52	34.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 47.970 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:	62	Resp:	159980
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

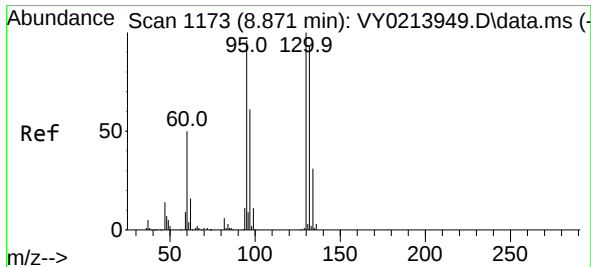
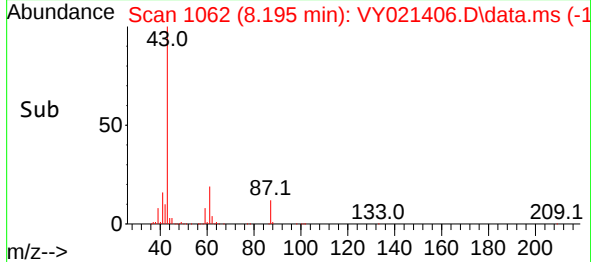
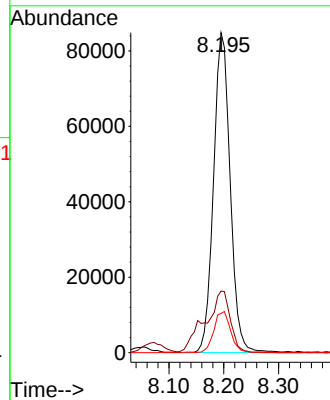
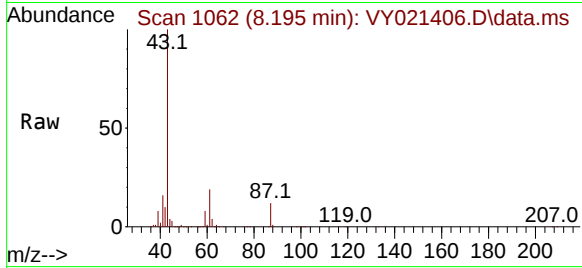




#43
Isopropyl Acetate
Concen: 51.322 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

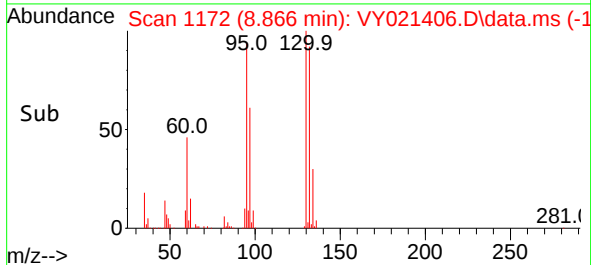
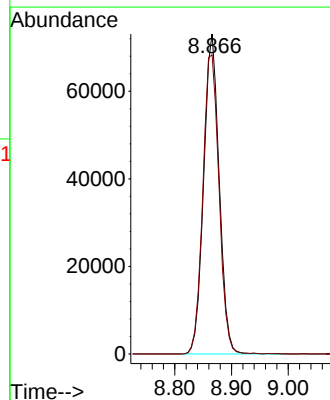
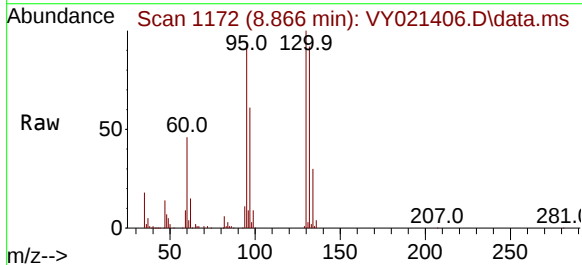
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

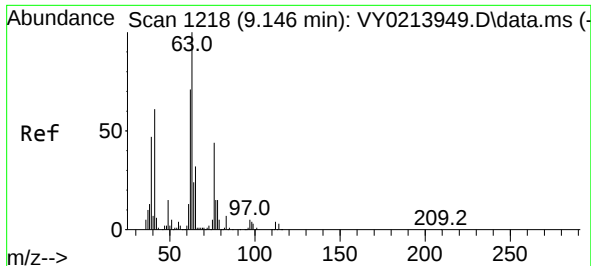
Tgt Ion: 43 Resp: 178204
Ion Ratio Lower Upper
43 100
61 28.7 23.4 35.0
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 46.074 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:130 Resp: 138798
Ion Ratio Lower Upper
130 100
95 93.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 46.927 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

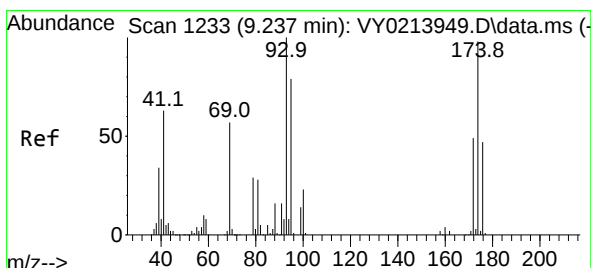
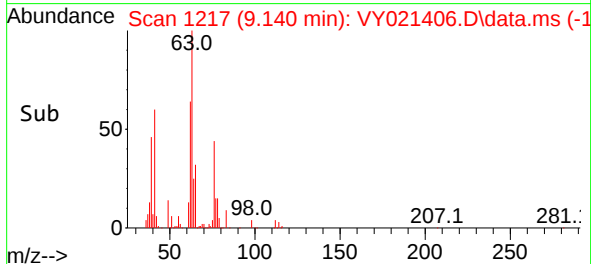
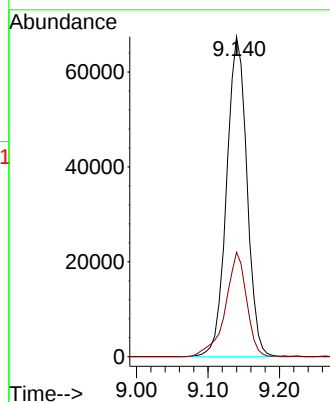
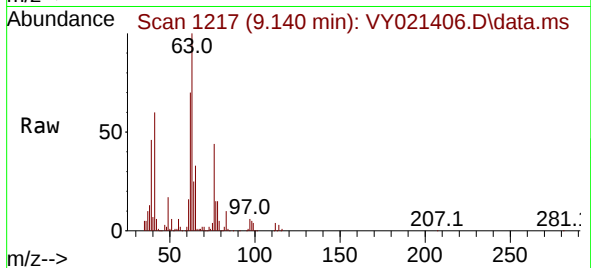
VSTDCCC050

Tgt Ion: 63 Resp: 133144

Ion Ratio Lower Upper

63 100

65 32.6 26.0 39.0



#46

Dibromomethane

Concen: 48.947 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

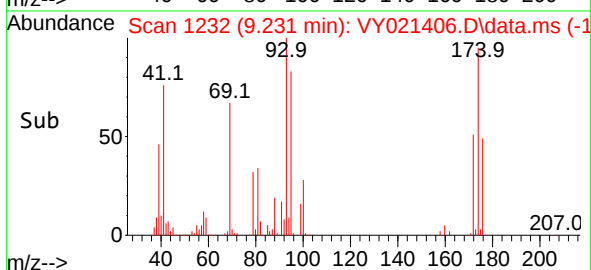
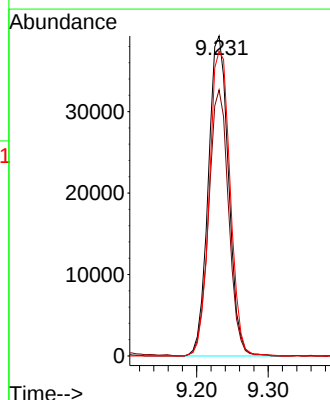
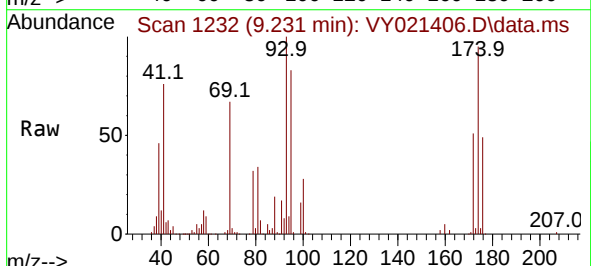
Tgt Ion: 93 Resp: 77271

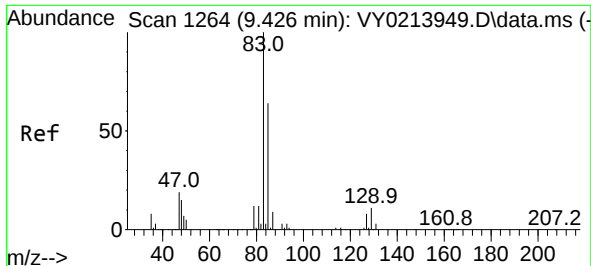
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 97.8 77.9 116.9

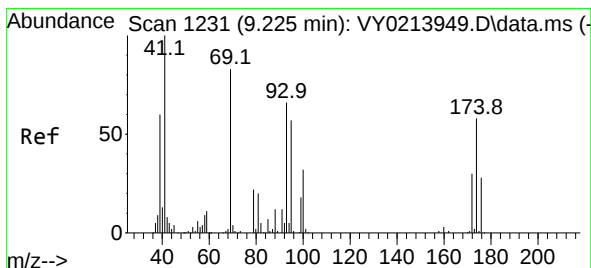
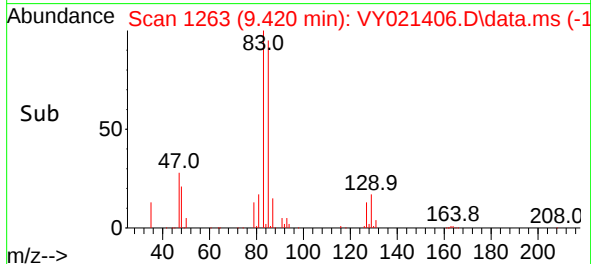
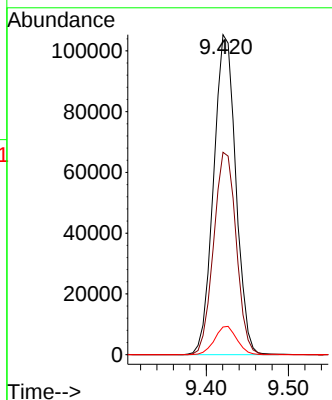
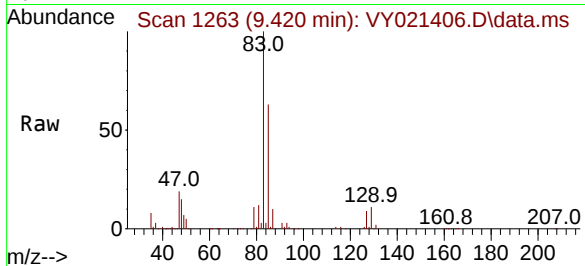




#47
Bromodichloromethane
Concen: 47.285 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

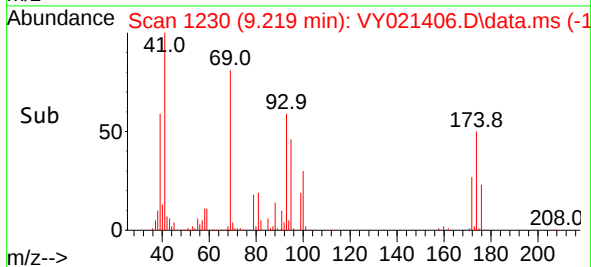
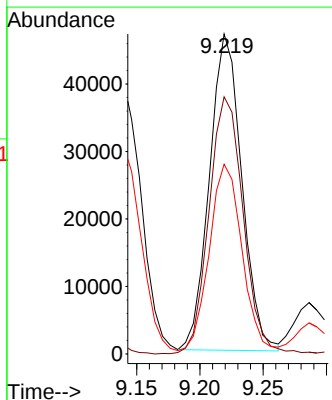
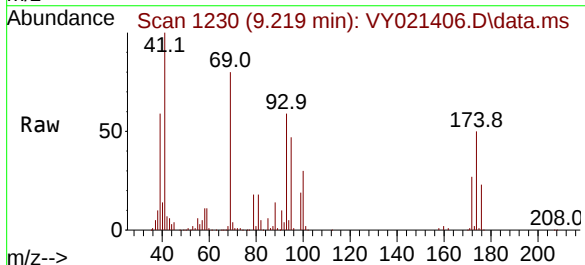
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

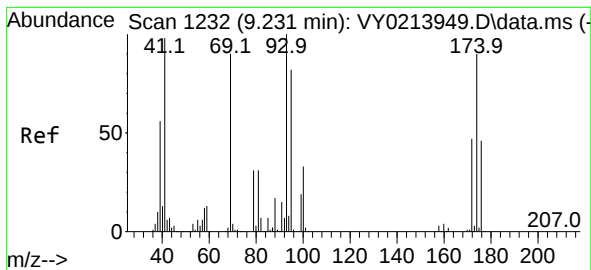
Tgt Ion: 83 Resp: 198239
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 52.184 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 41 Resp: 83204
Ion Ratio Lower Upper
41 100
69 86.2 67.8 101.8
39 59.5 46.4 69.6





#49

1,4-Dioxane

Concen: 1122.923 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

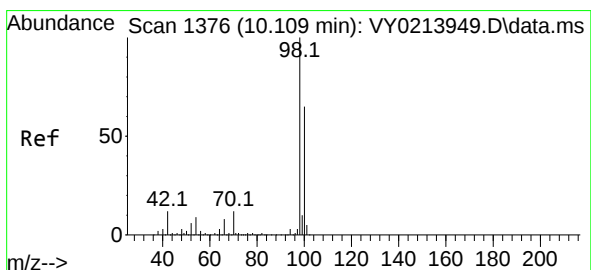
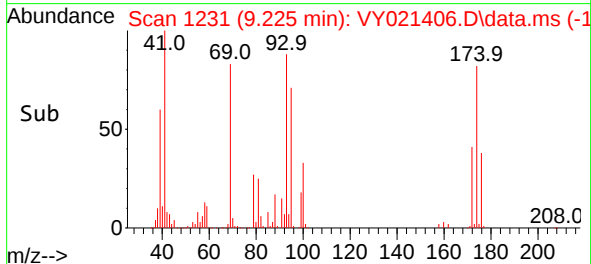
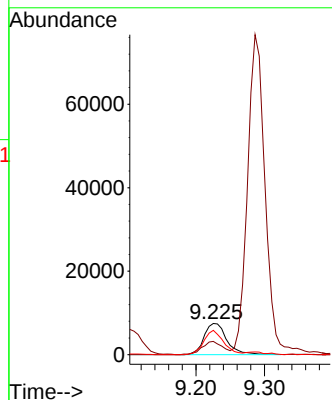
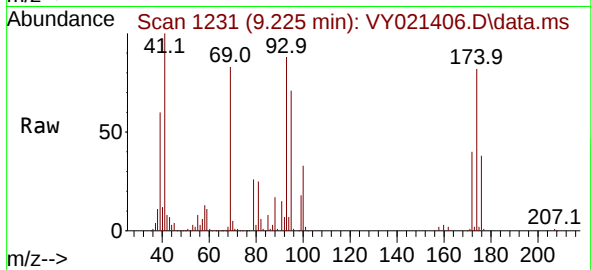
Tgt Ion: 88 Resp: 17400

Ion Ratio Lower Upper

88 100

43 38.4 25.0 37.4#

58 67.8 58.4 87.6



#50

Toluene-d8

Concen: 52.163 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021406.D

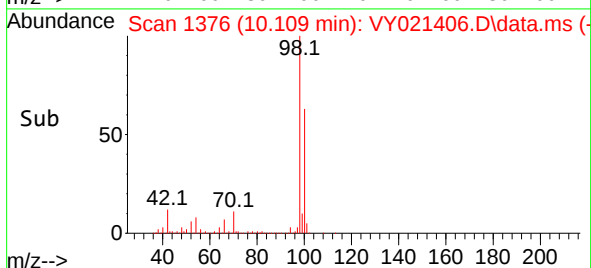
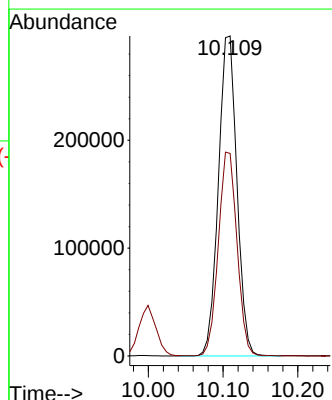
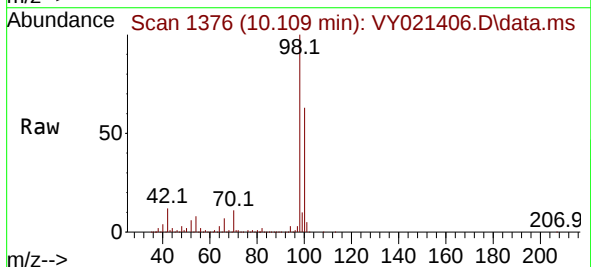
Acq: 05 Mar 2025 11:39

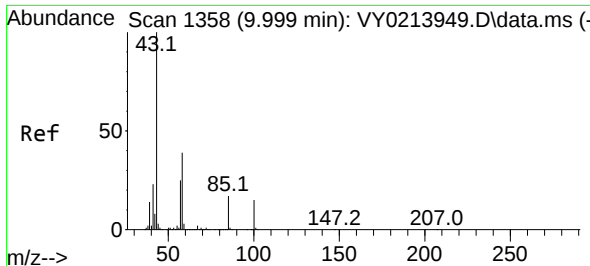
Tgt Ion: 98 Resp: 510620

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

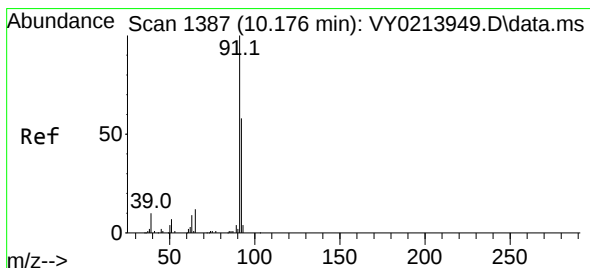
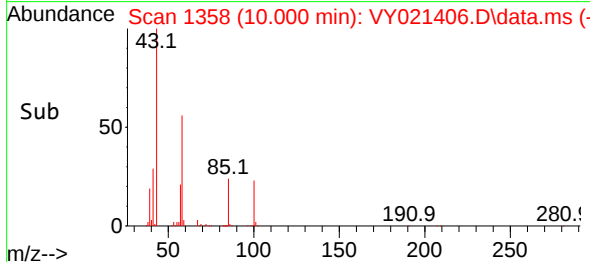
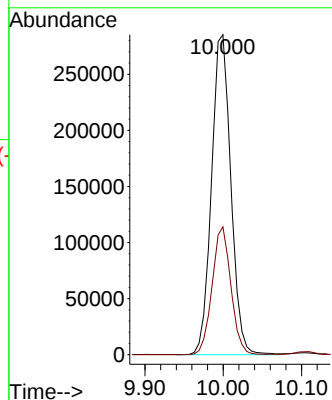
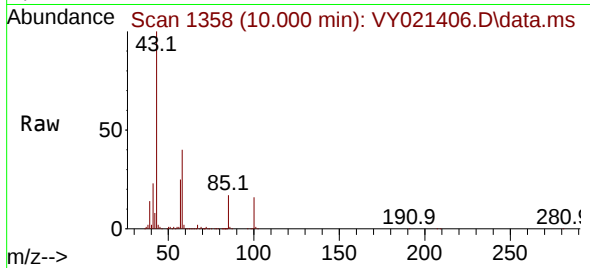




#51
4-Methyl-2-Pentanone
Concen: 272.938 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

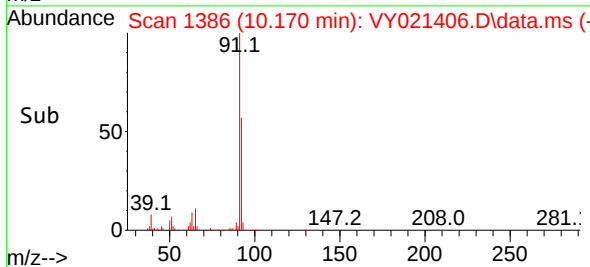
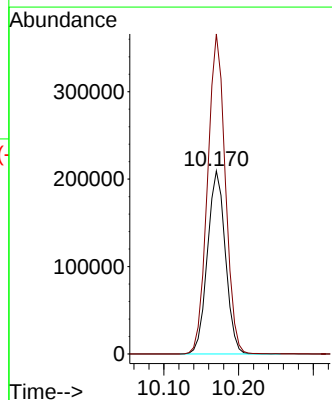
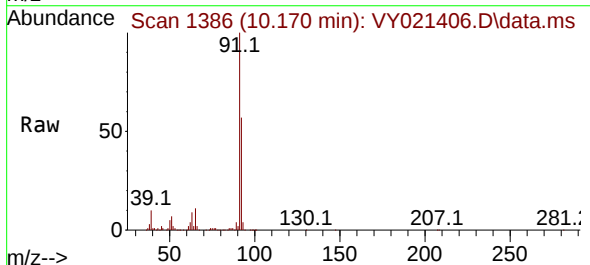
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

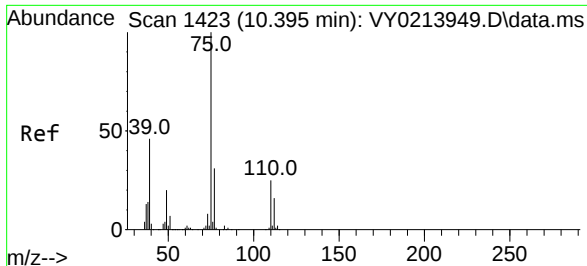
Tgt Ion: 43 Resp: 488989
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



#52
Toluene
Concen: 46.465 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 92 Resp: 349223
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.2

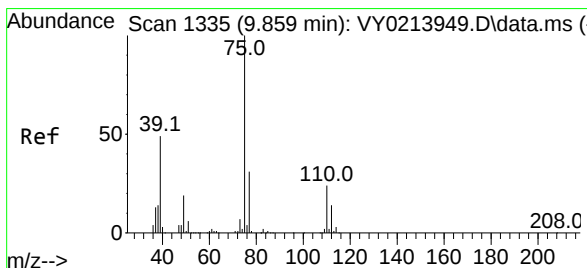
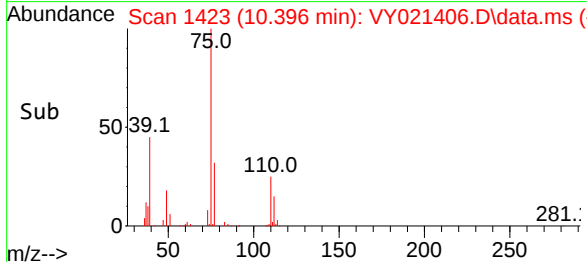
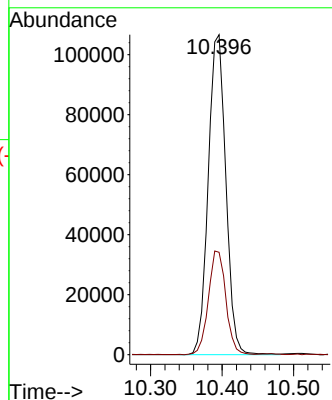
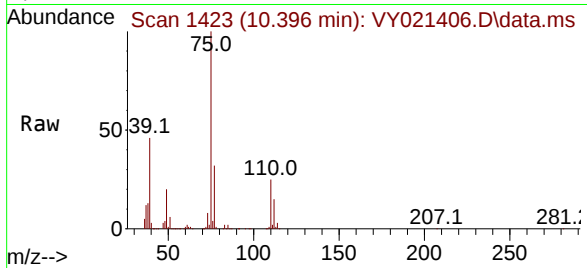




#53
t-1,3-Dichloropropene
Concen: 49.289 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

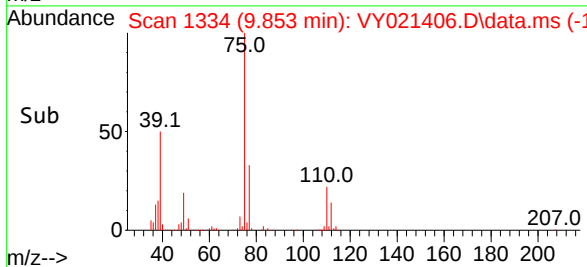
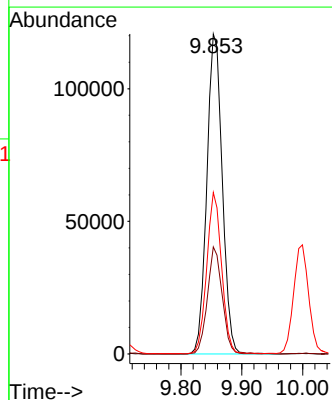
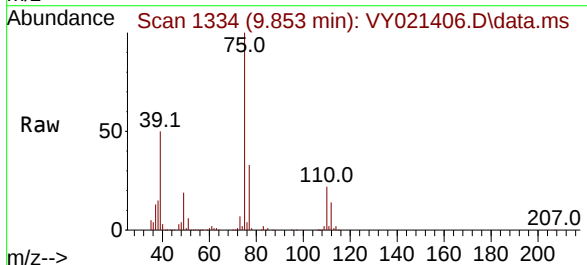
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

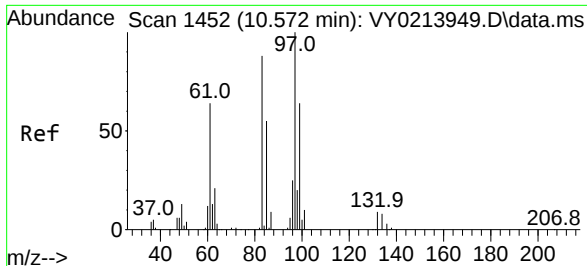
Tgt Ion: 75 Resp: 182055
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.542 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 75 Resp: 212873
Ion Ratio Lower Upper
75 100
77 33.4 24.6 37.0
39 50.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 48.631 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 100426

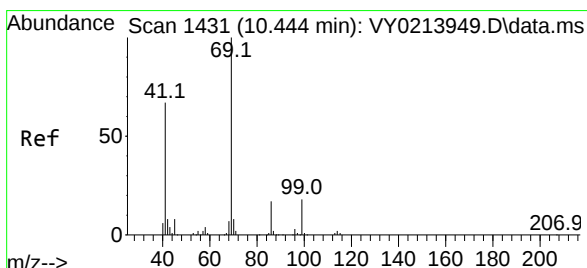
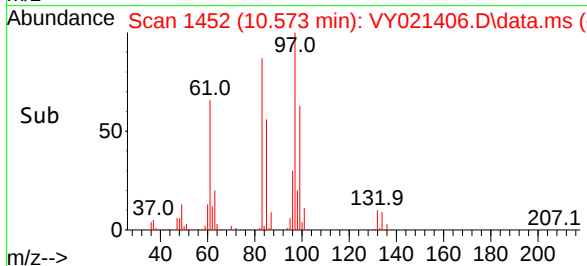
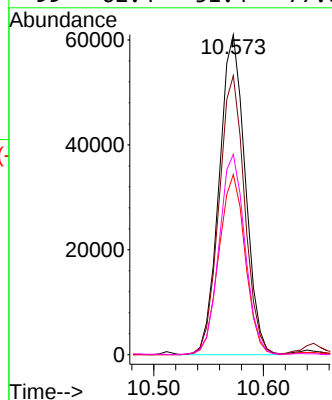
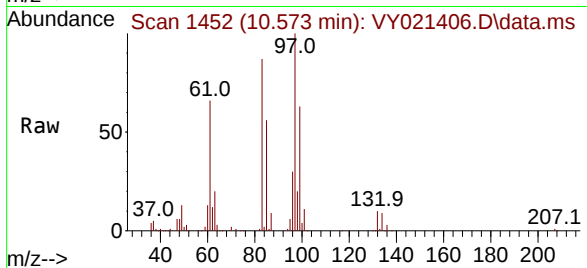
Ion Ratio Lower Upper

97 100

83 87.2 70.0 105.0

85 56.3 44.3 66.5

99 62.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 54.143 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

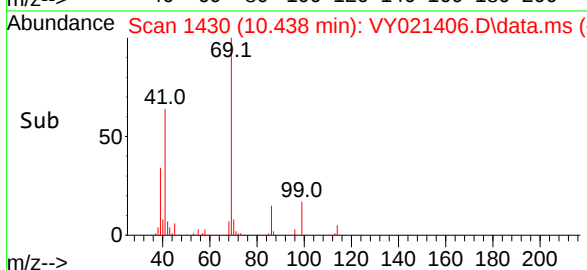
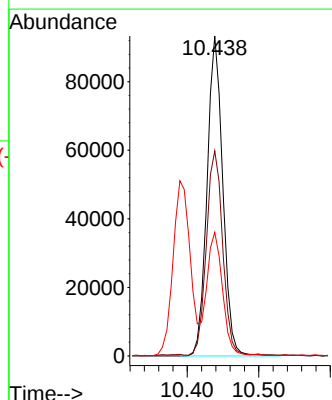
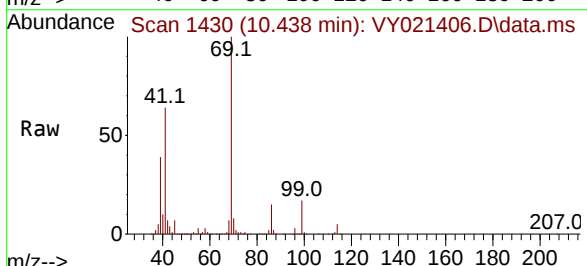
Tgt Ion: 69 Resp: 142596

Ion Ratio Lower Upper

69 100

41 66.4 53.3 79.9

39 38.8 31.0 46.6

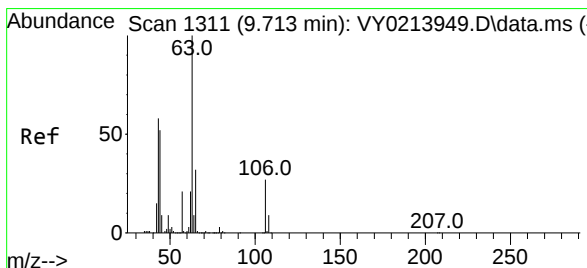
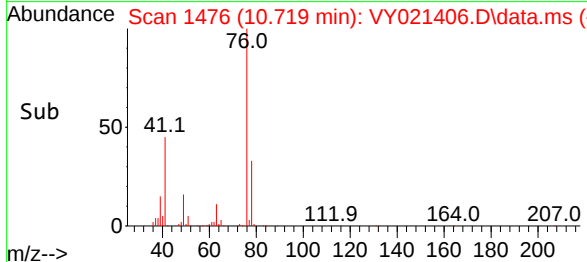
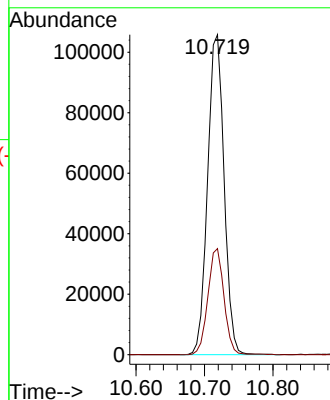
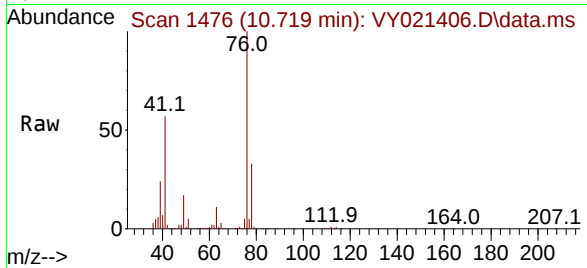




#57
1,3-Dichloropropane
Concen: 49.525 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

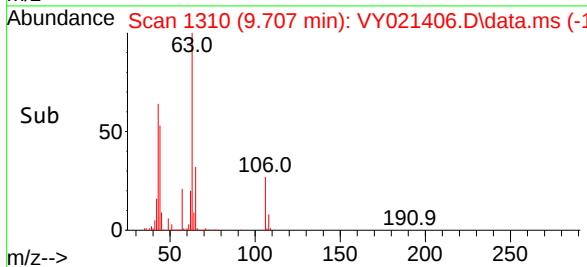
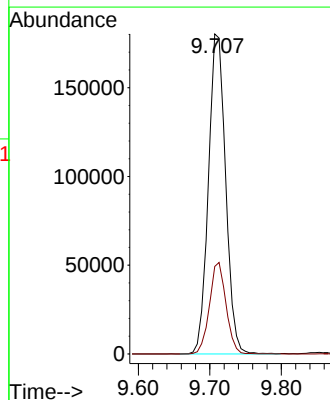
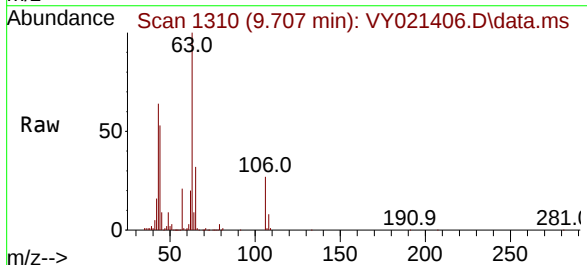
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

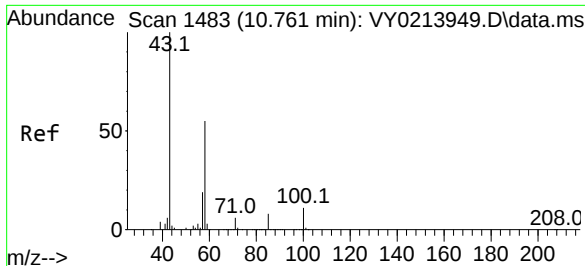
Tgt Ion: 76 Resp: 177256
Ion Ratio Lower Upper
76 100
78 32.3 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 248.125 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 63 Resp: 301666
Ion Ratio Lower Upper
63 100
106 27.5 22.1 33.1

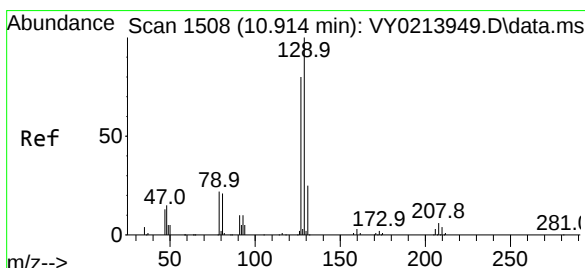
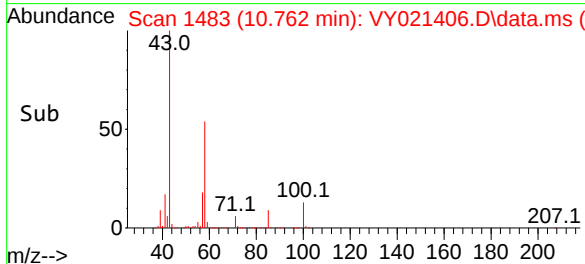
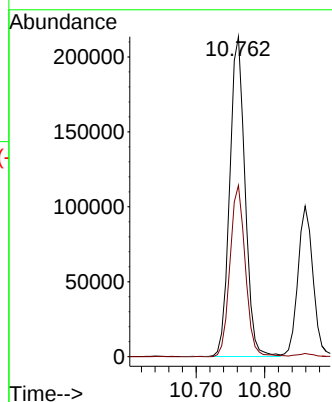
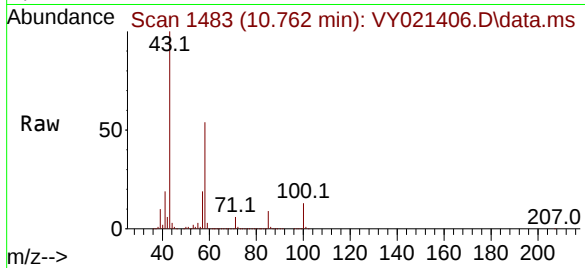




#59
2-Hexanone
Concen: 280.170 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

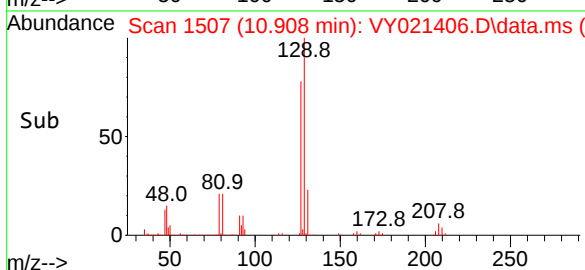
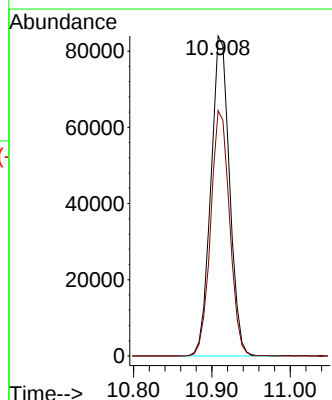
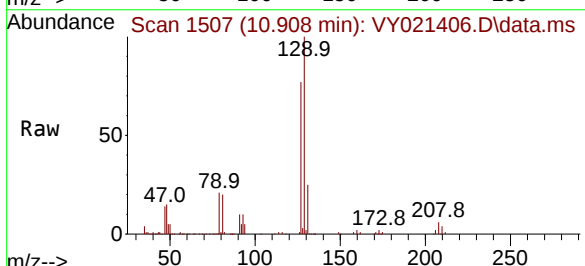
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

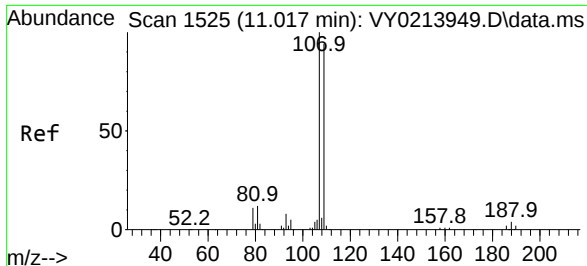
Tgt Ion: 43 Resp: 331900
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 49.004 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 129 Resp: 138735
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

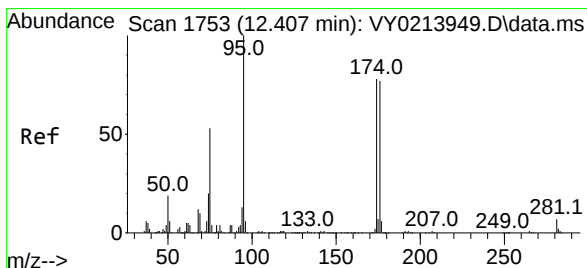
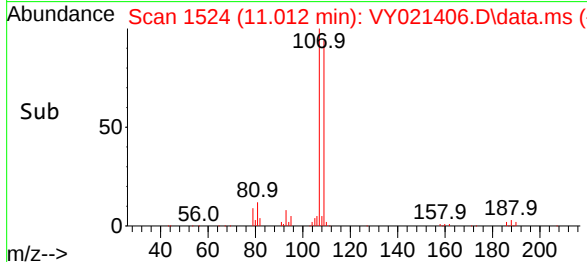
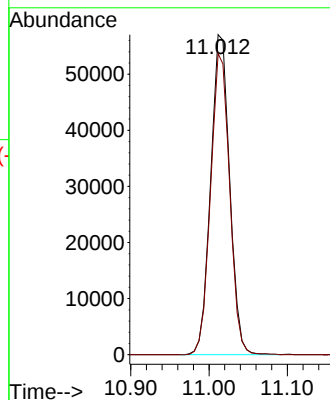
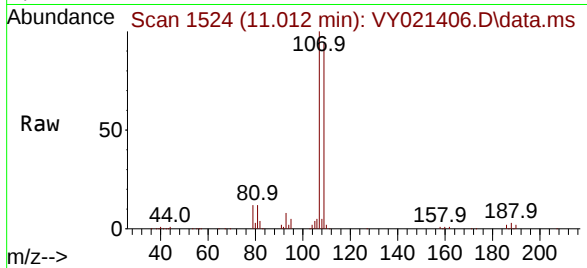




#61
1,2-Dibromoethane
Concen: 49.321 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

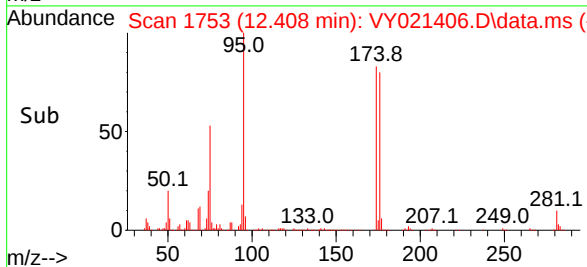
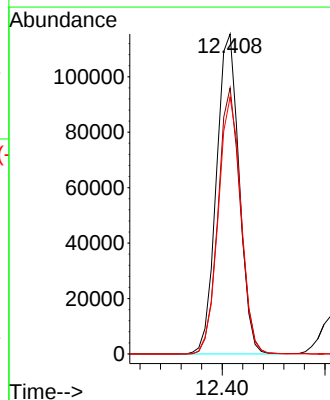
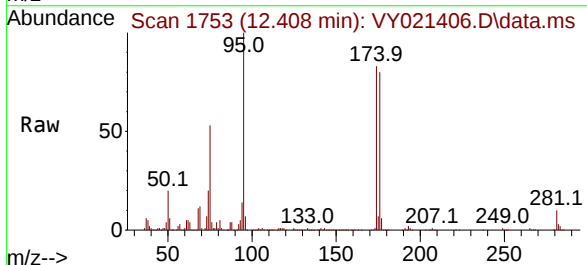
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

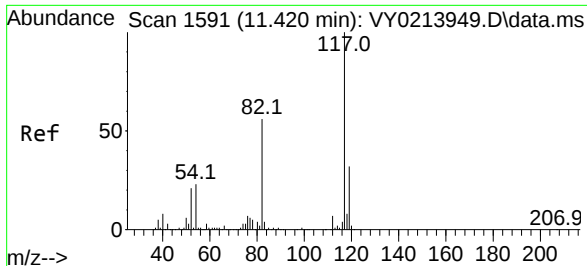
Tgt Ion:107 Resp: 96126
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.071 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 95 Resp: 176716
Ion Ratio Lower Upper
95 100
174 81.7 0.0 165.0
176 80.6 0.0 160.0

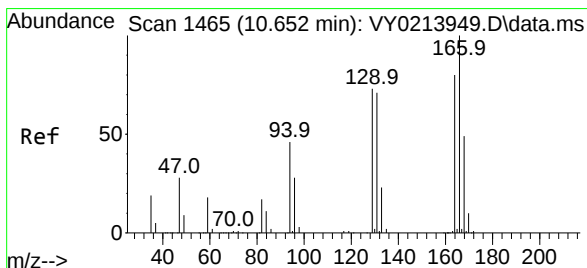
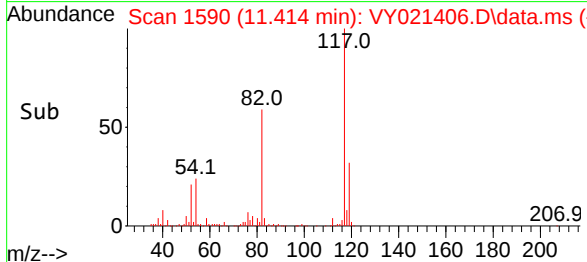
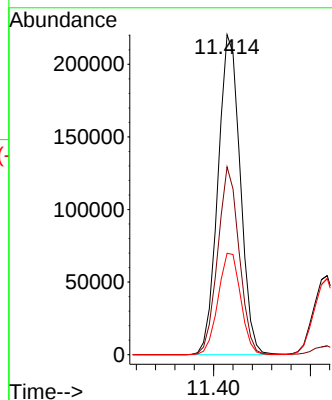
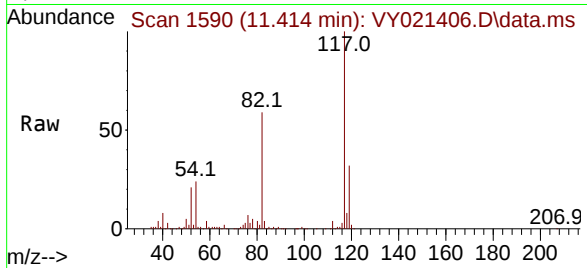




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

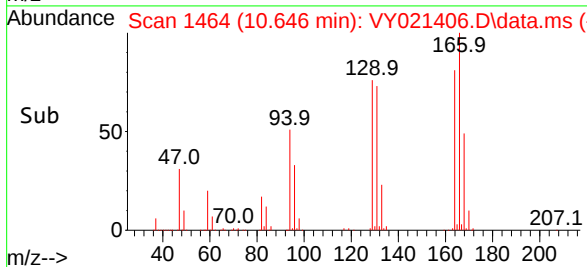
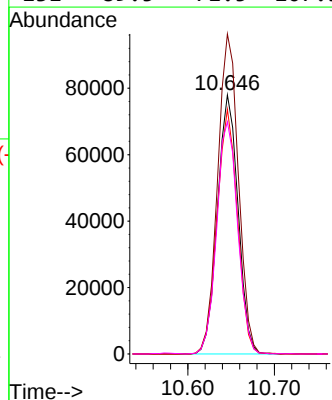
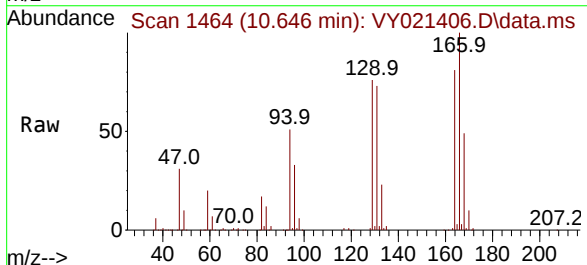
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

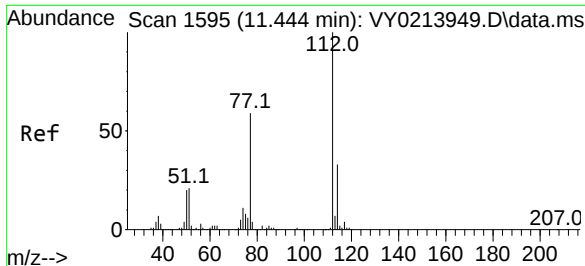
Tgt Ion:117 Resp: 351518
Ion Ratio Lower Upper
117 100
82 58.7 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 45.156 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:164 Resp: 129076
Ion Ratio Lower Upper
164 100
166 123.5 100.4 150.6
129 94.4 73.8 110.8
131 89.5 71.5 107.3

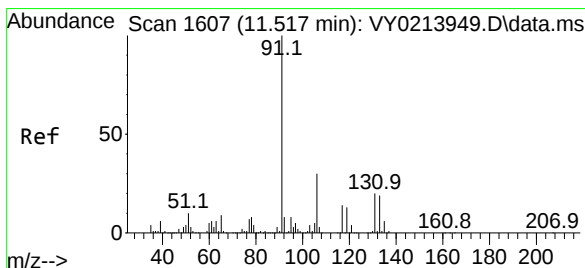
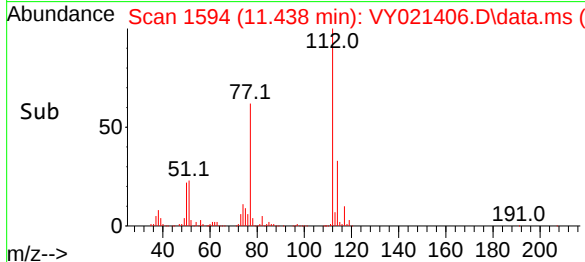
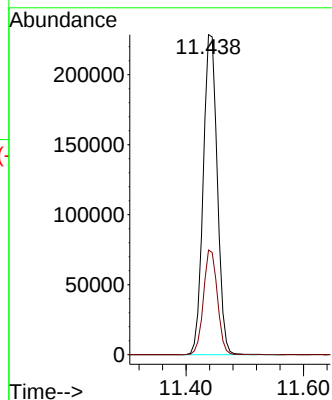
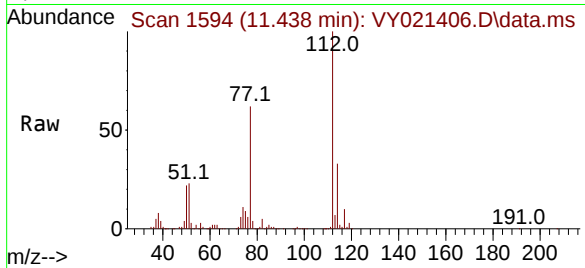




#65
Chlorobenzene
Concen: 45.917 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

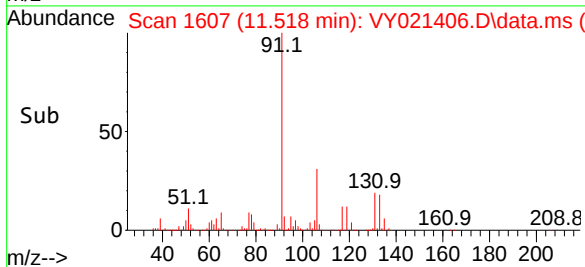
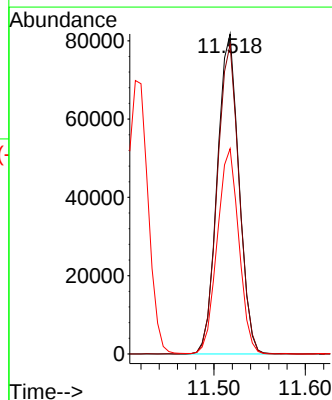
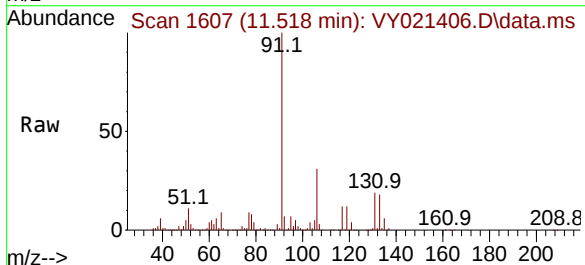
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

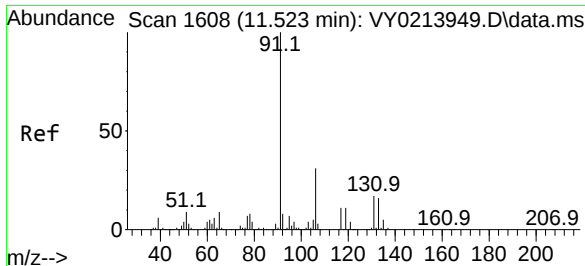
Tgt Ion:112 Resp: 381151
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.918 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:131 Resp: 134759
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 46.058 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

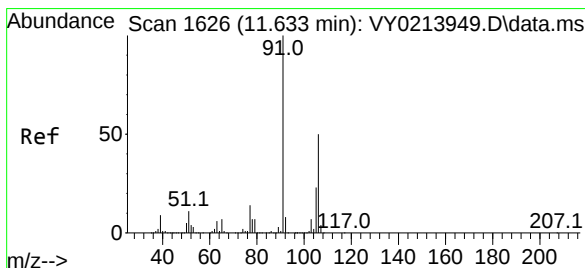
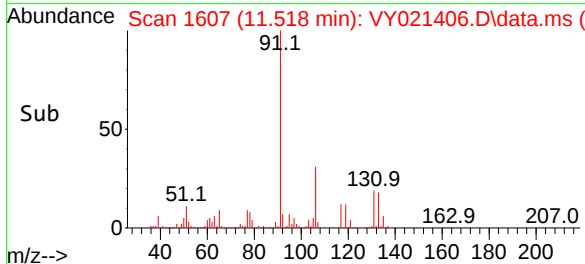
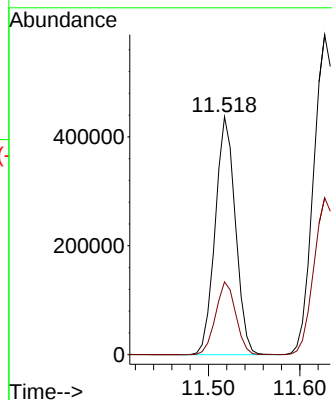
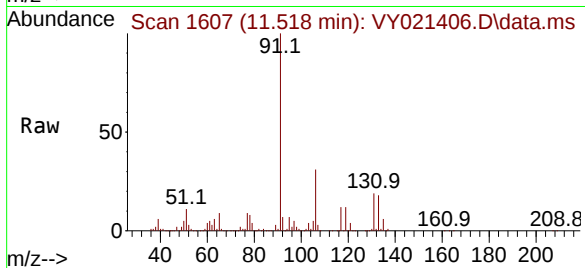
VSTDCCC050

Tgt Ion: 91 Resp: 671051

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 92.530 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021406.D

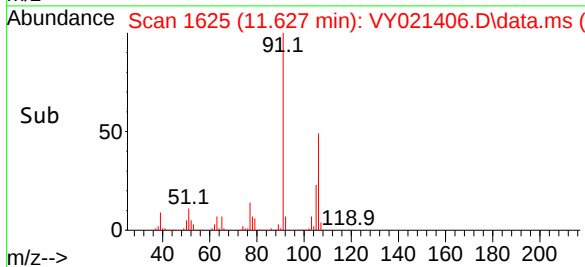
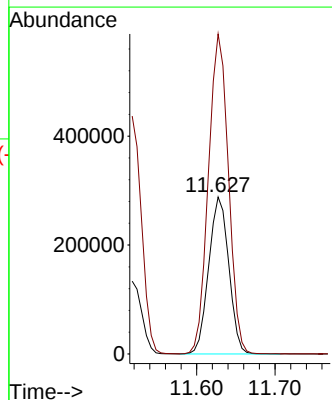
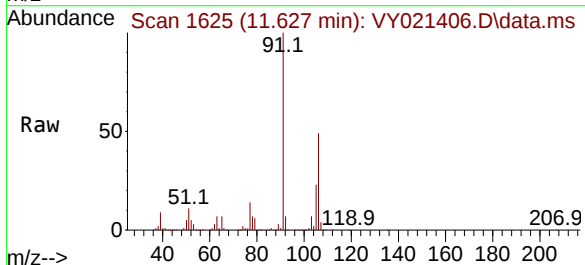
Acq: 05 Mar 2025 11:39

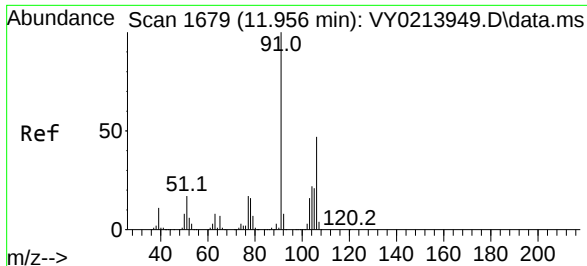
Tgt Ion:106 Resp: 511823

Ion Ratio Lower Upper

106 100

91 204.0 161.7 242.5

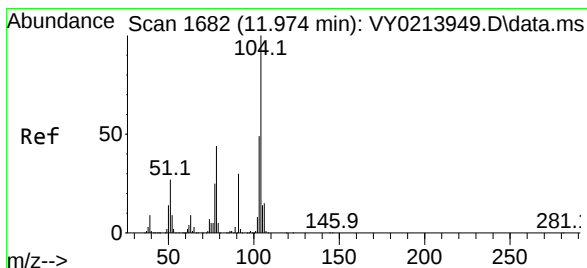
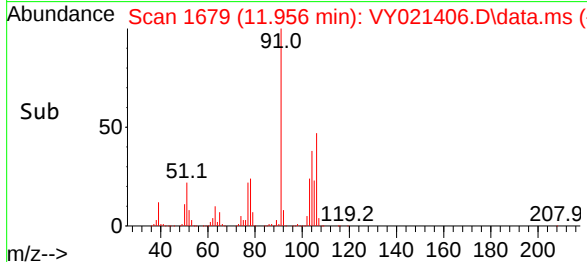
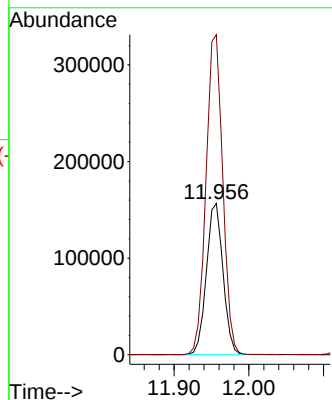
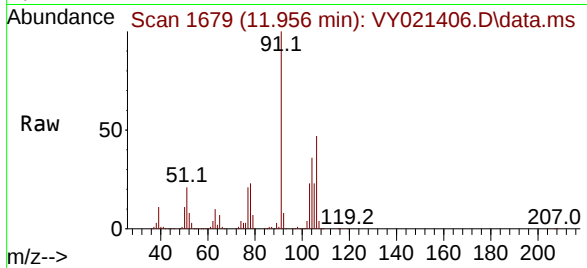




#69
o-Xylene
Concen: 47.314 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

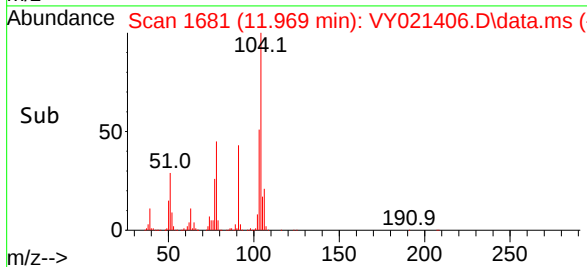
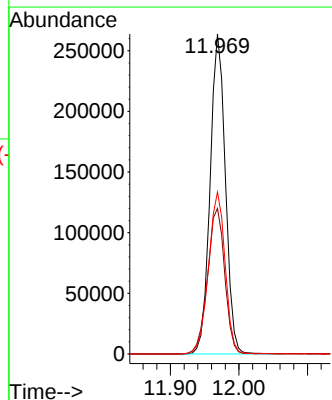
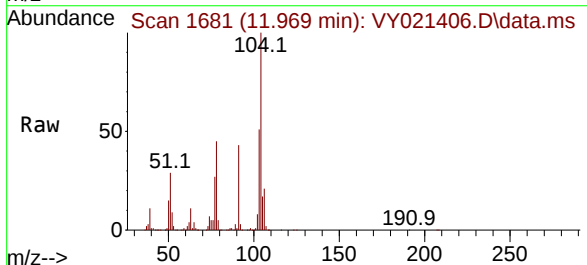
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

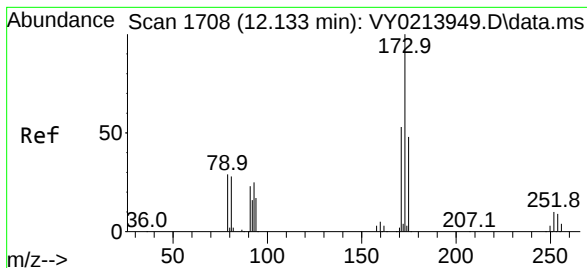
Tgt Ion:106 Resp: 241207
Ion Ratio Lower Upper
106 100
91 213.5 107.6 322.8



#70
Styrene
Concen: 48.382 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:104 Resp: 409182
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 50.160 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

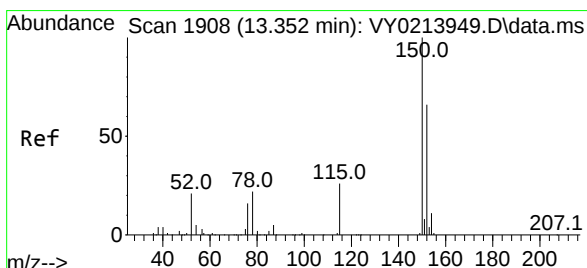
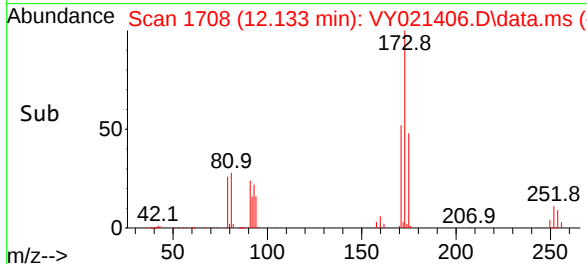
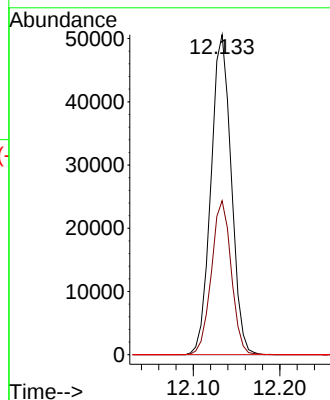
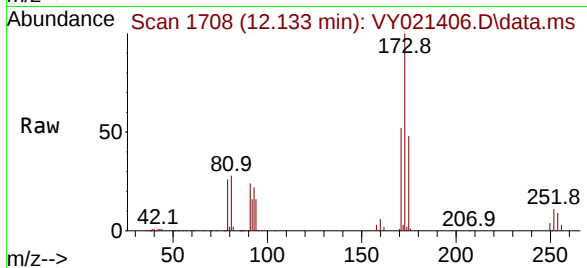
Tgt Ion:173 Resp: 82291

Ion Ratio Lower Upper

173 100

175 47.2 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

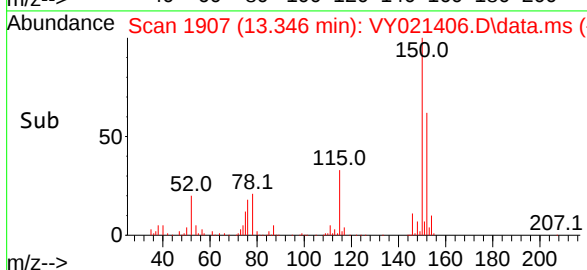
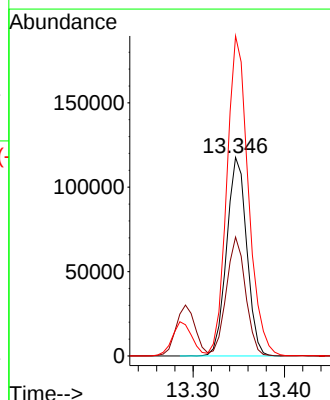
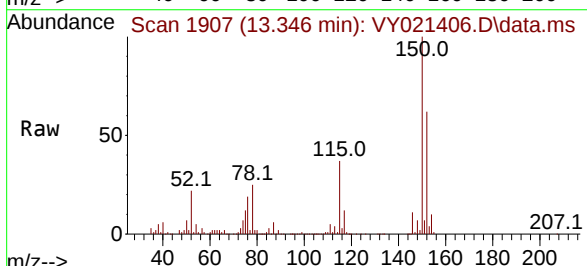
Tgt Ion:152 Resp: 179824

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 172.5 0.0 347.2

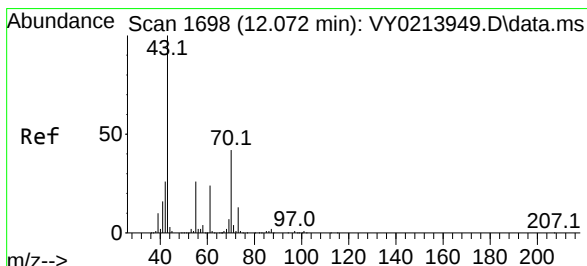
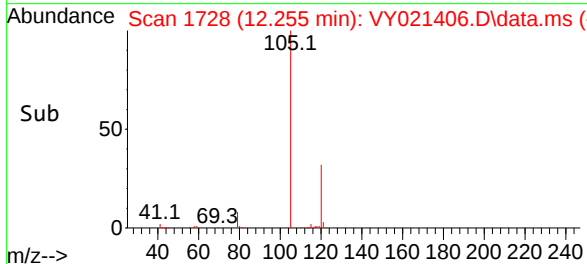
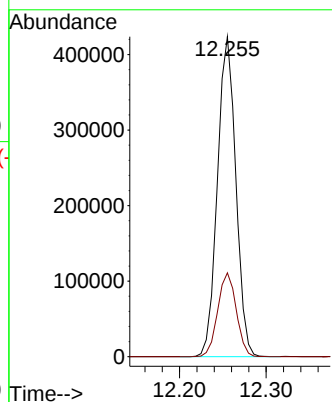
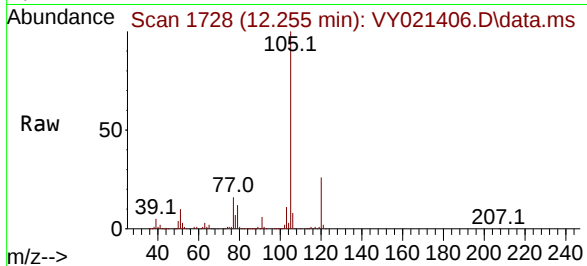




#73
Isopropylbenzene
Concen: 44.162 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

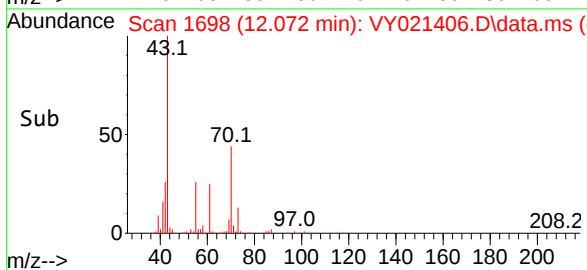
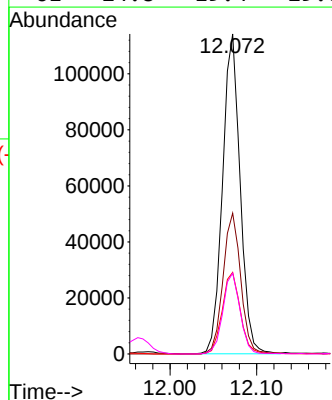
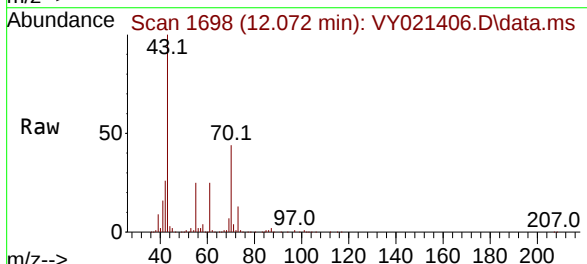
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

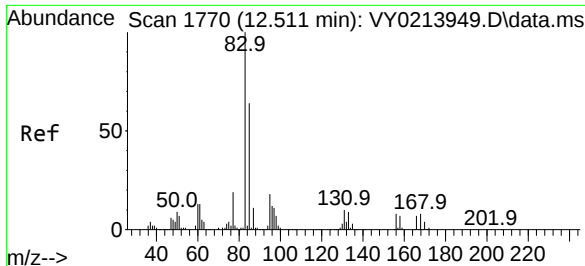
Tgt Ion:105 Resp: 625570
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 52.291 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 43 Resp: 160862
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 26.4 21.1 31.7
61 24.8 19.4 29.0

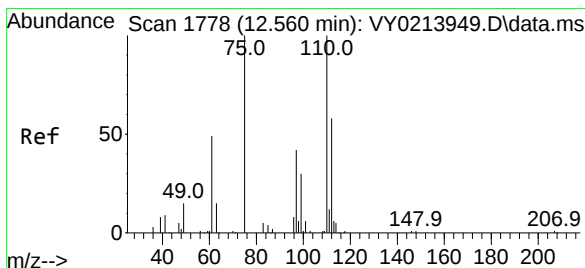
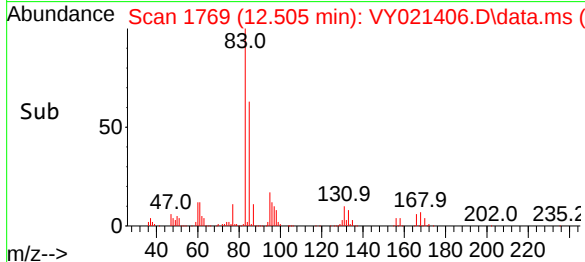
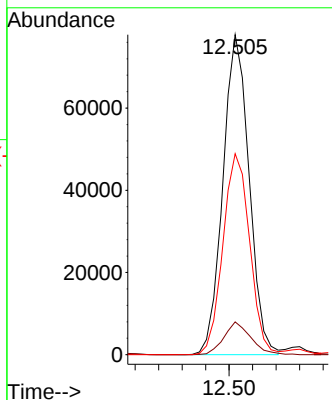
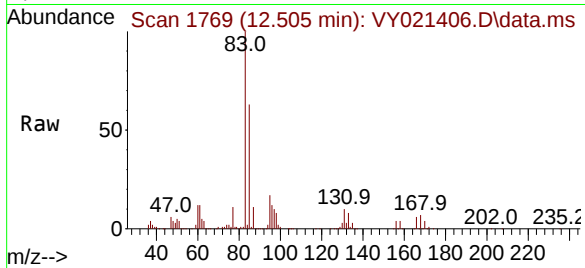




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.234 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

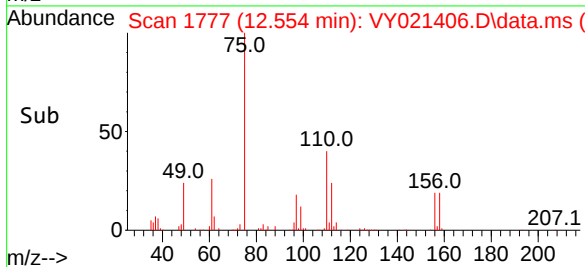
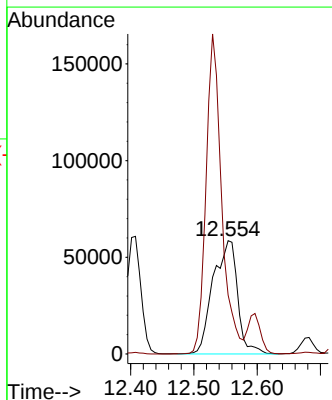
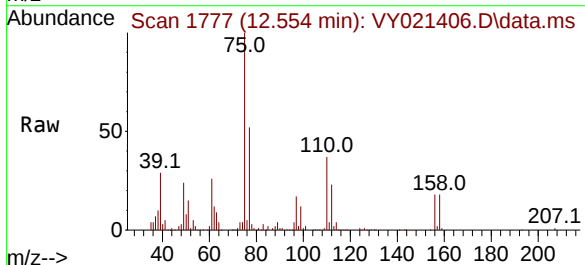
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

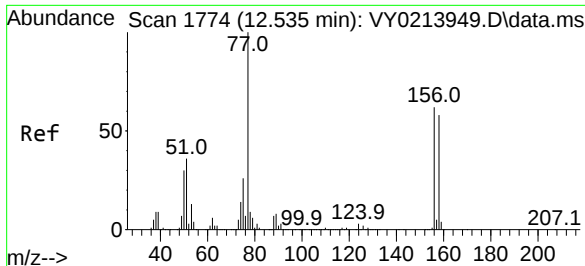
Tgt Ion: 83 Resp: 120570
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 64.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 87.046 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion: 75 Resp: 157732
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

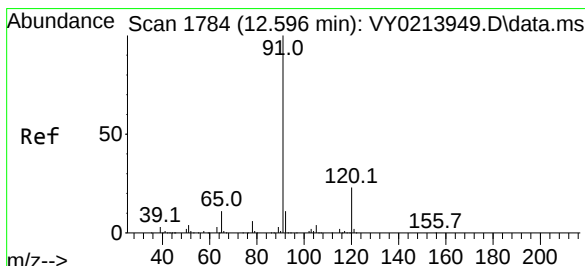
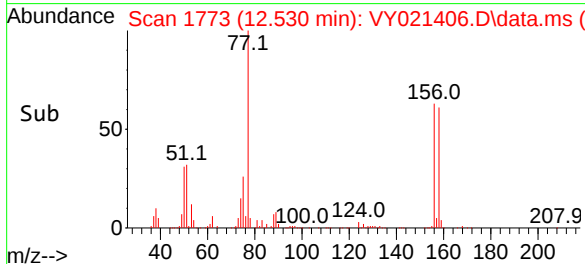
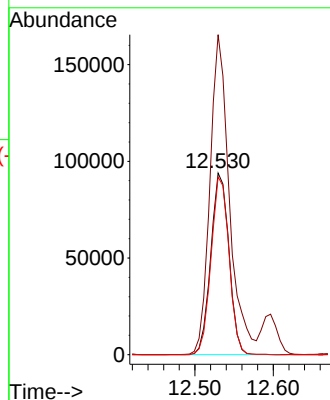
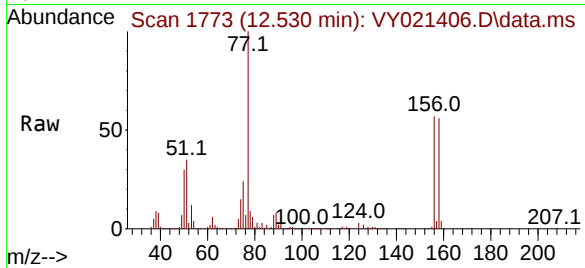




#77
Bromobenzene
Concen: 45.684 ug/l
RT: 12.530 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

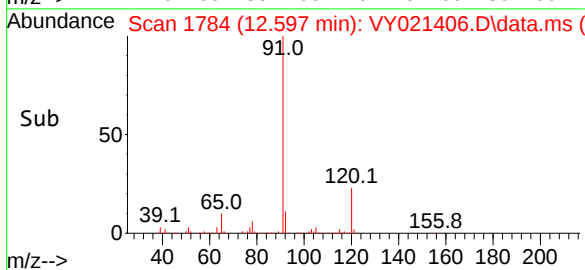
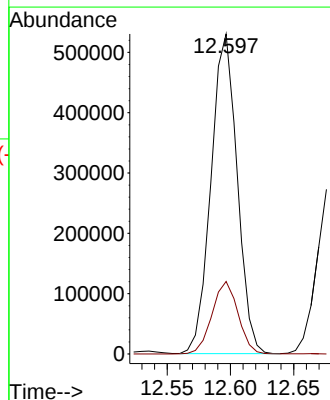
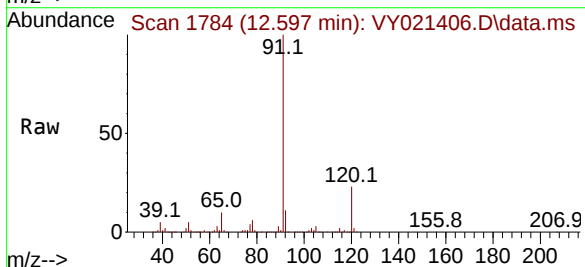
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

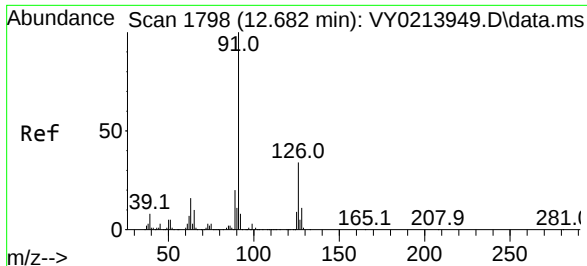
Tgt Ion:156 Resp: 151393
Ion Ratio Lower Upper
156 100
77 188.8 93.6 280.8
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 44.273 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 91 Resp: 761639
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 44.583 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

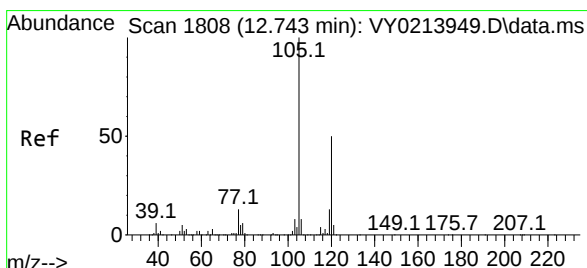
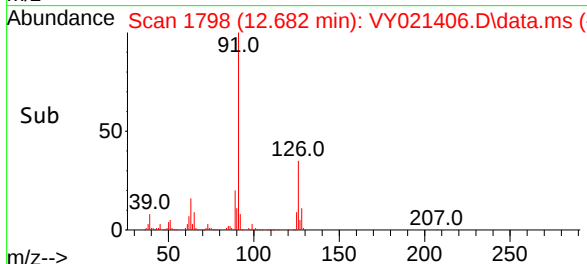
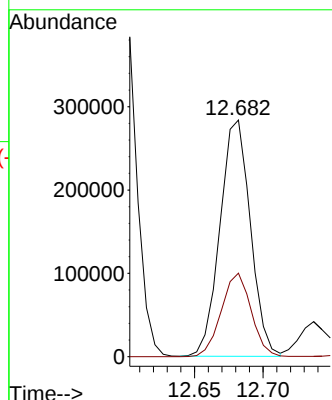
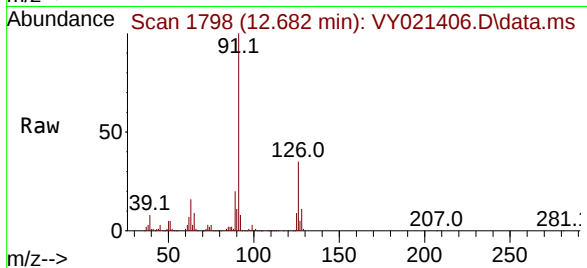
VSTDCCC050

Tgt Ion: 91 Resp: 438547

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 44.401 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021406.D

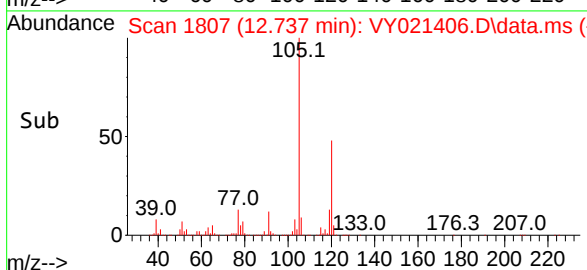
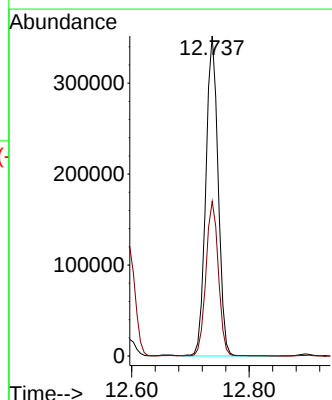
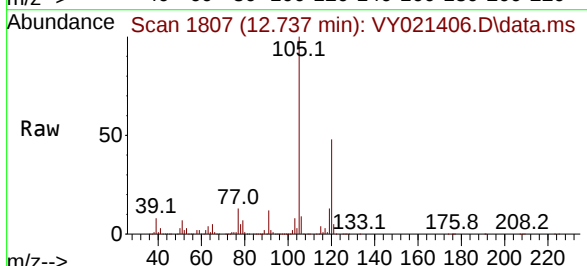
Acq: 05 Mar 2025 11:39

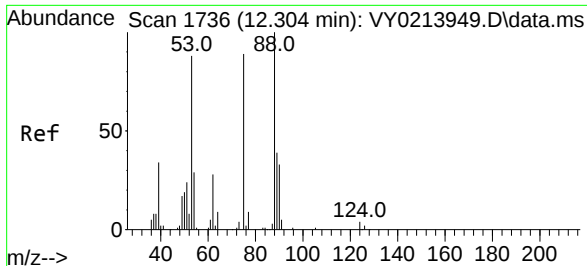
Tgt Ion: 105 Resp: 511123

Ion Ratio Lower Upper

105 100

120 48.6 24.6 73.6

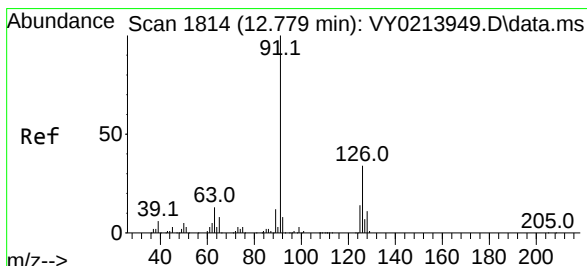
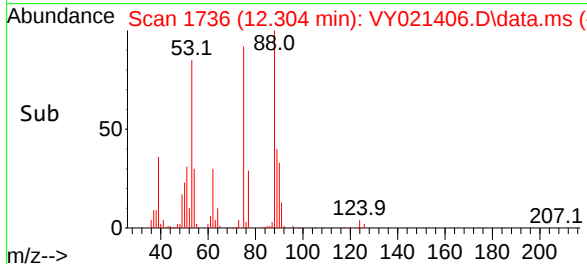
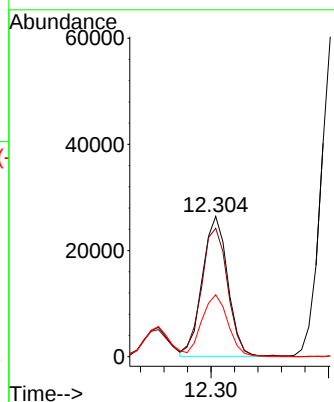
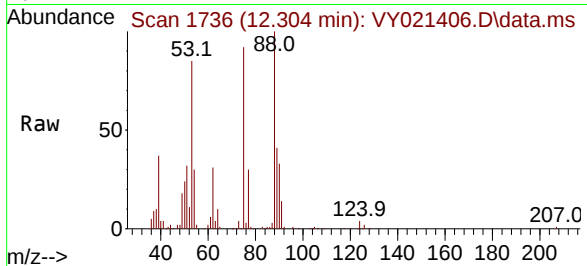




#81
trans-1,4-Dichloro-2-butene
Concen: 49.734 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

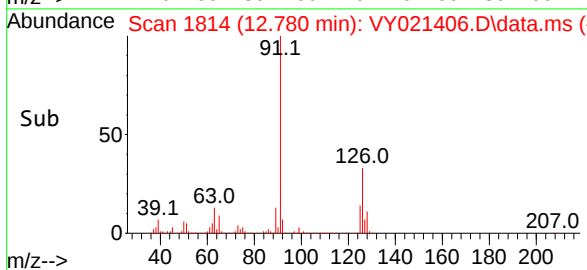
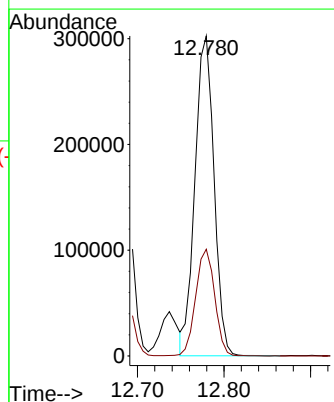
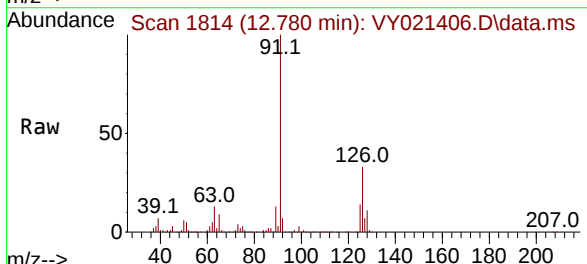
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

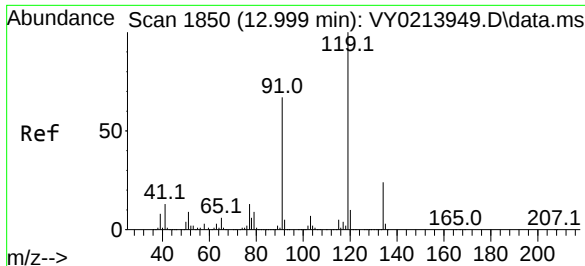
Tgt Ion: 75 Resp: 39643
Ion Ratio Lower Upper
75 100
53 93.6 81.0 121.4
89 45.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 45.344 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion: 91 Resp: 461879
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

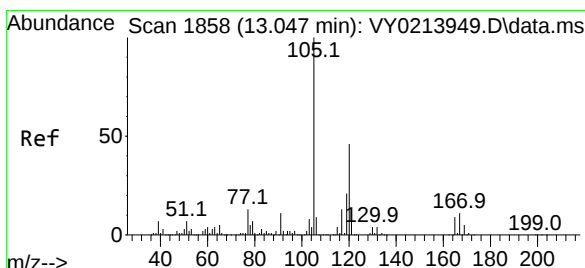
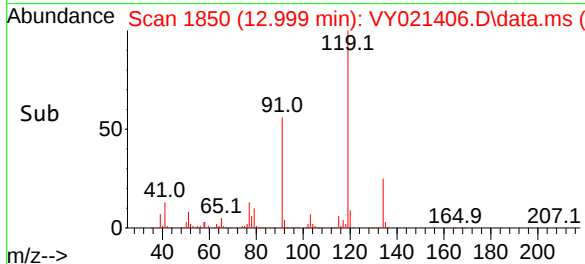
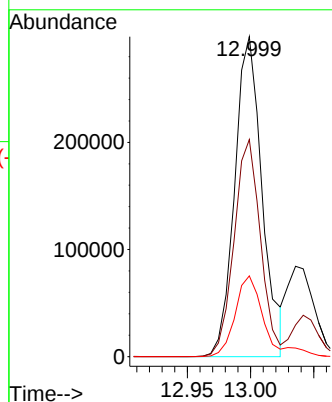
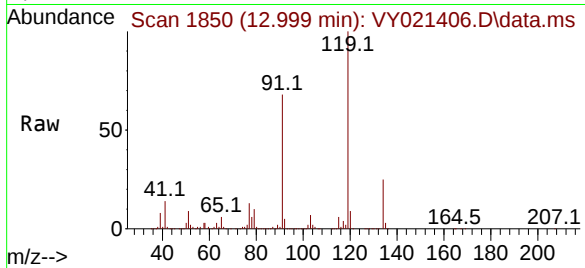




#83
 tert-Butylbenzene
 Concen: 43.981 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

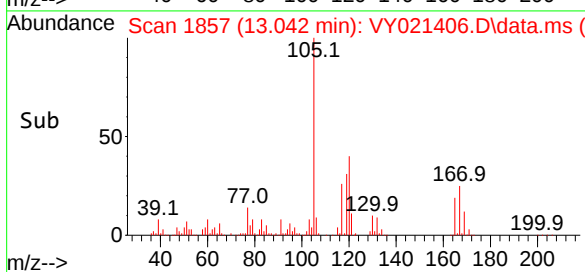
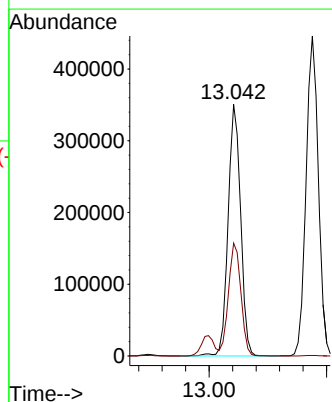
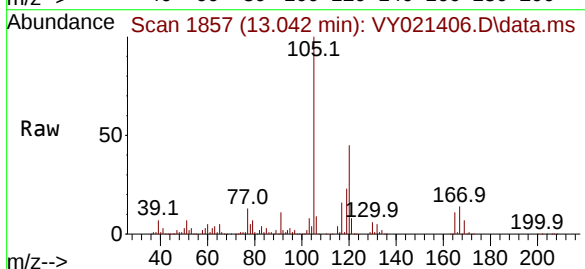
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

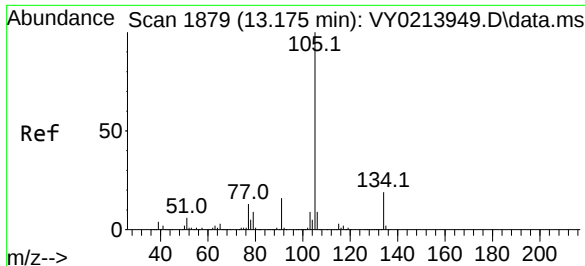
Tgt Ion:	119	Resp:	451658
Ion	Ratio	Lower	Upper
119	100		
91	65.3	33.2	99.6
134	26.7	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.406 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion:	105	Resp:	518969
Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1

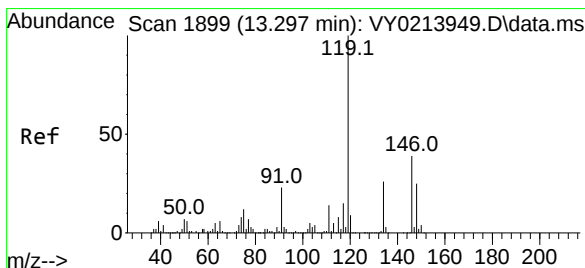
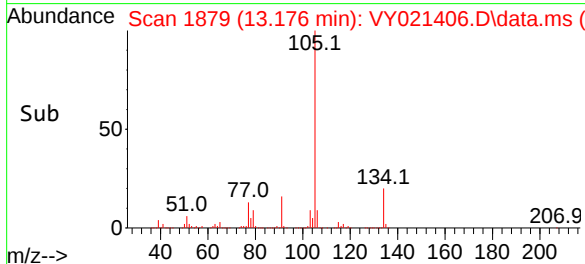
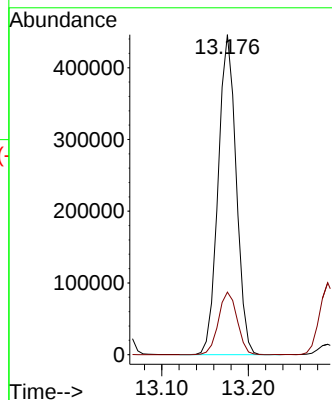
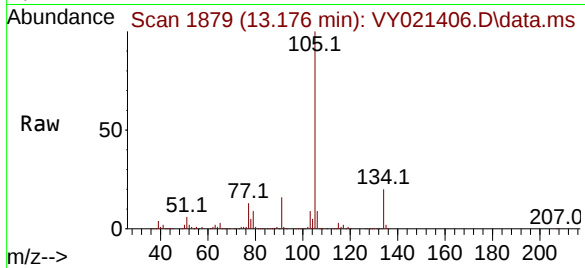




#85
 sec-Butylbenzene
 Concen: 42.229 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

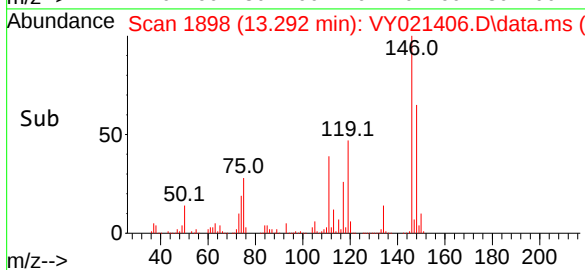
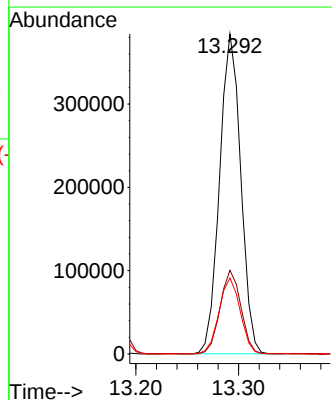
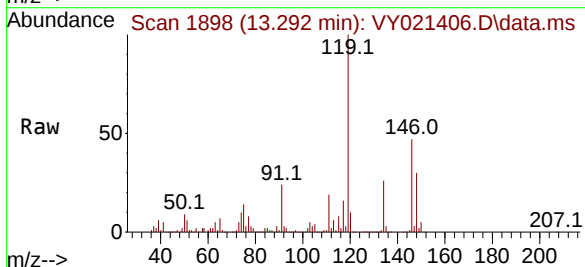
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

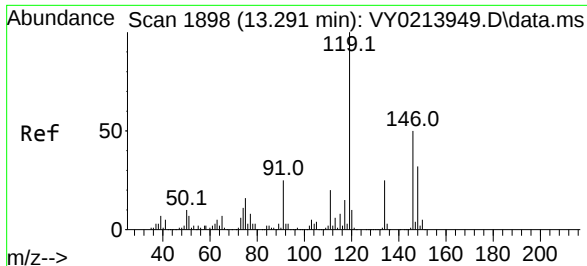
Tgt Ion:105 Resp: 645229
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 43.535 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion:119 Resp: 548013
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.7 12.2 36.6

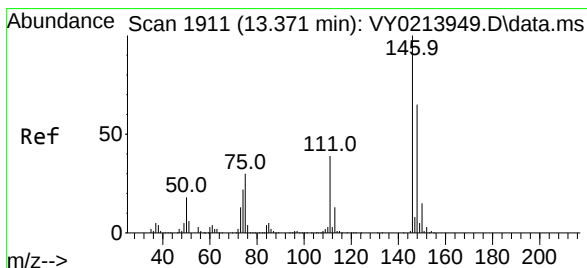
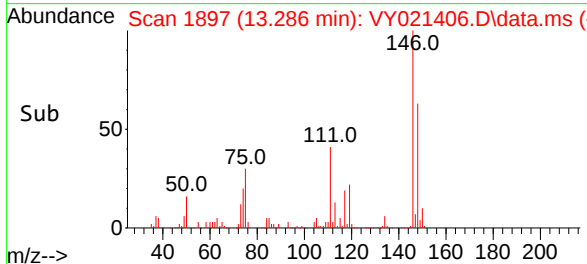
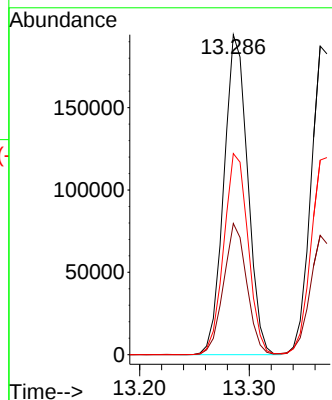
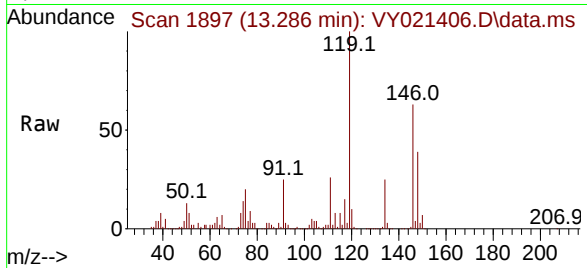




#87
1,3-Dichlorobenzene
Concen: 44.444 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

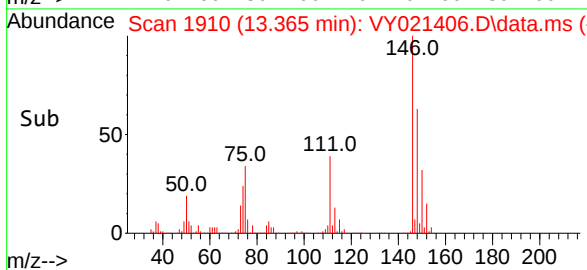
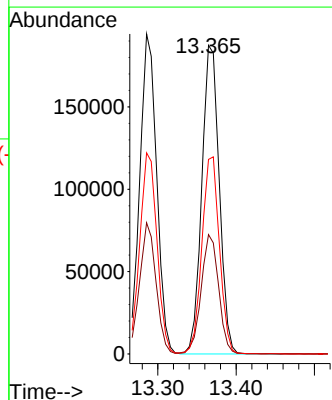
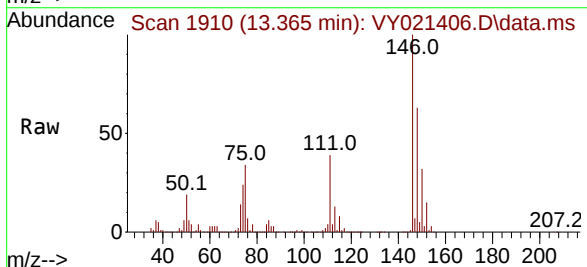
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

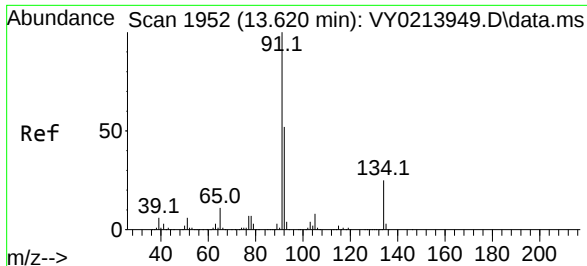
Tgt Ion:146 Resp: 293176
Ion Ratio Lower Upper
146 100
111 39.9 20.0 60.0
148 64.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 44.918 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:146 Resp: 289782
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 43.542 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

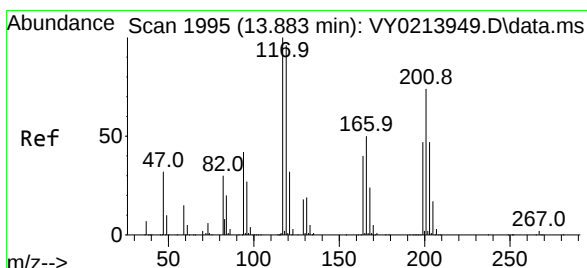
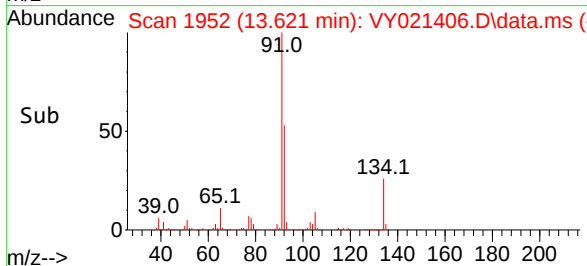
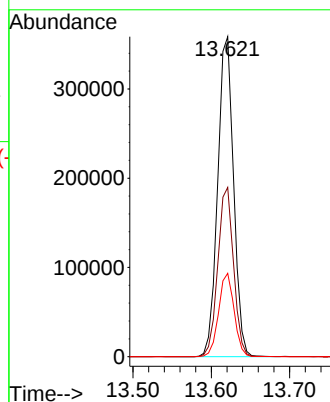
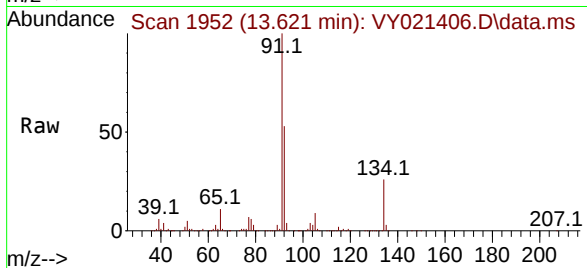
Tgt Ion: 91 Resp: 506117

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 42.276 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021406.D

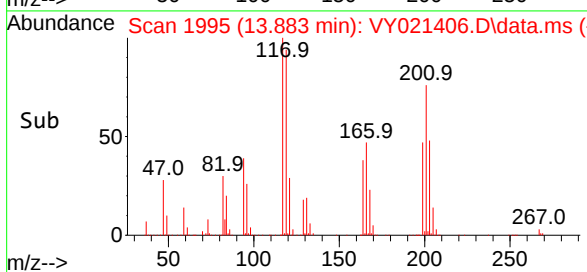
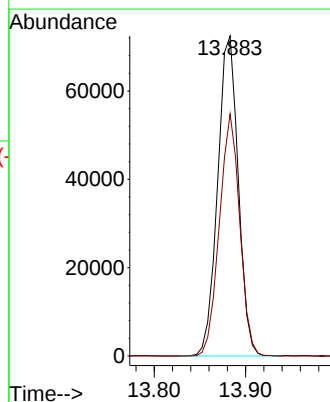
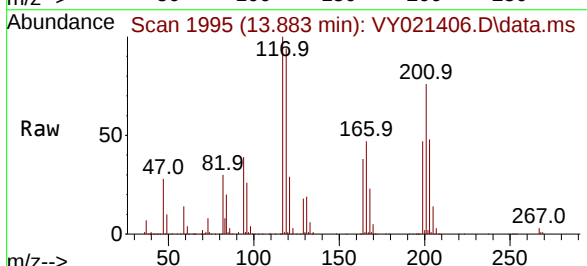
Acq: 05 Mar 2025 11:39

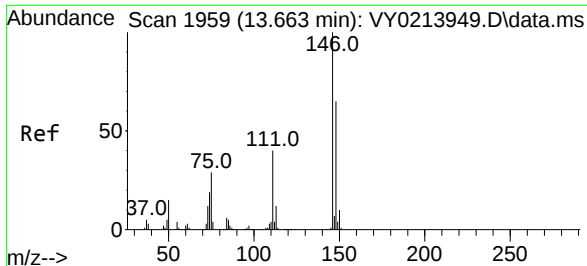
Tgt Ion: 117 Resp: 113526

Ion Ratio Lower Upper

117 100

201 74.6 37.4 112.2

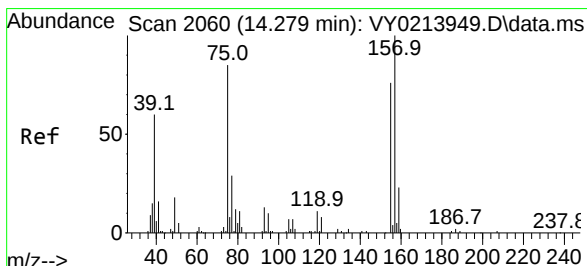
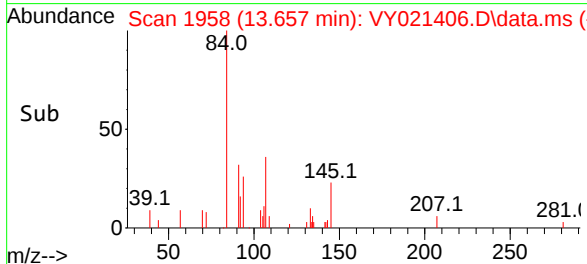
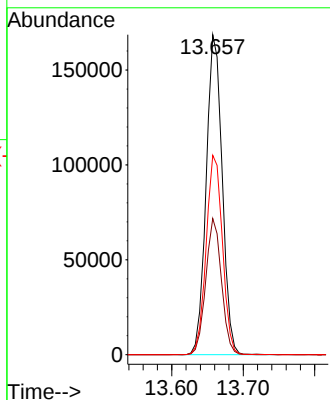
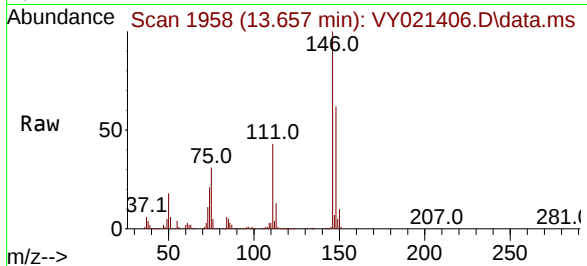




#91
 1,2-Dichlorobenzene
 Concen: 46.327 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

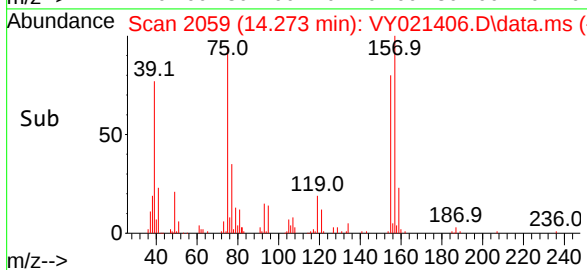
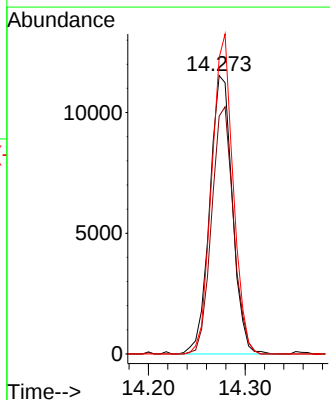
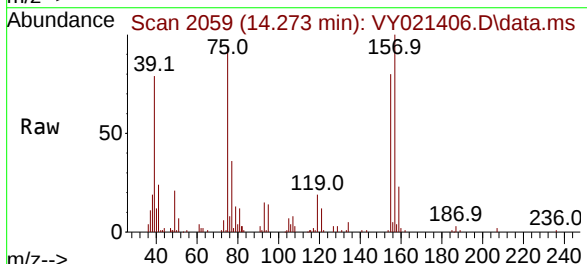
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

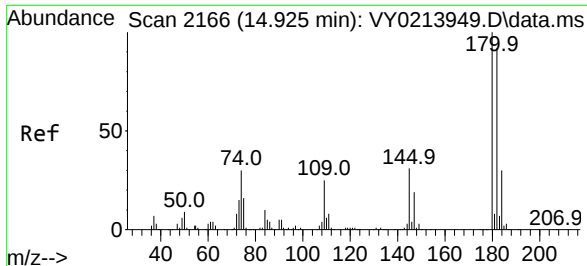
Tgt Ion:146 Resp: 261927
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 63.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.147 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021406.D
 Acq: 05 Mar 2025 11:39

Tgt Ion: 75 Resp: 18777
 Ion Ratio Lower Upper
 75 100
 155 85.7 43.5 130.5
 157 108.0 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 48.018 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

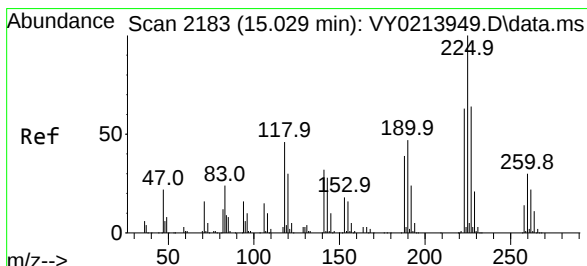
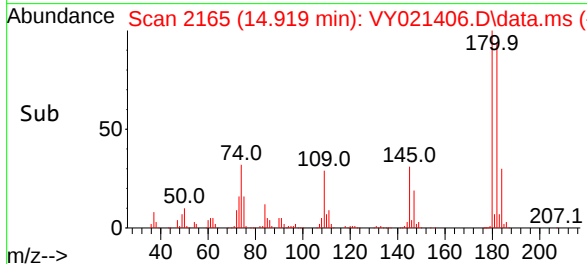
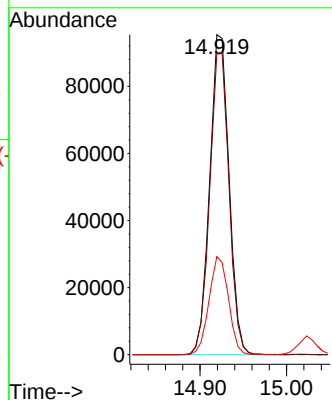
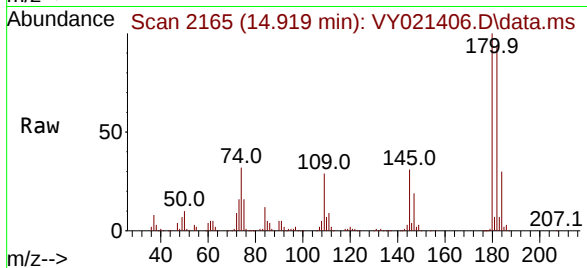
Tgt Ion:180 Resp: 148286

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.0

145 30.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 43.444 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021406.D

Acq: 05 Mar 2025 11:39

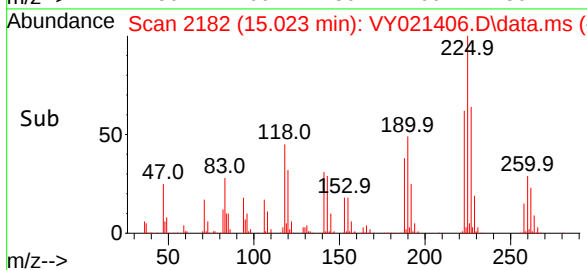
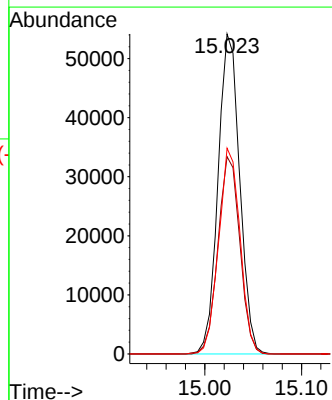
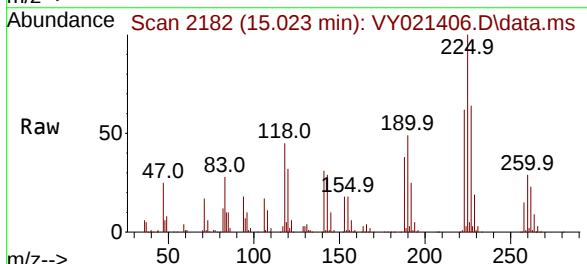
Tgt Ion:225 Resp: 84098

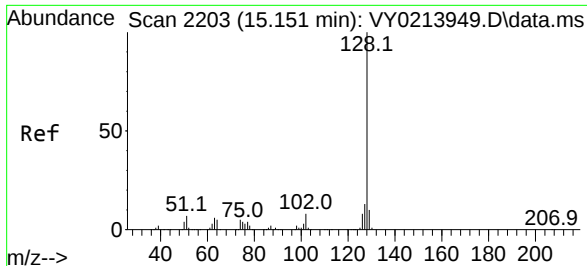
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 63.8 31.8 95.4

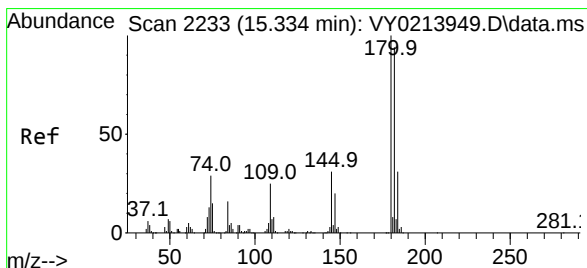
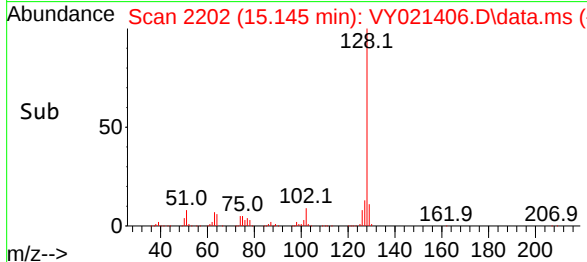
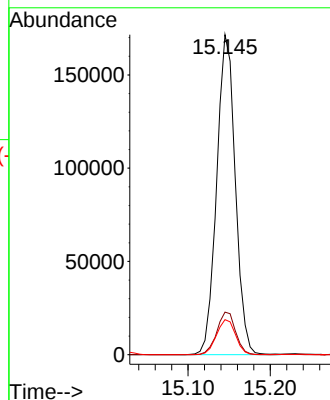
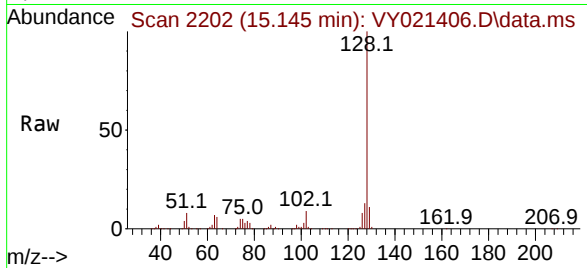




#95
Naphthalene
Concen: 51.539 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	270055
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.920 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021406.D
Acq: 05 Mar 2025 11:39

Tgt Ion:	180	Resp:	127059
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.2	141.6
145	31.9	16.4	49.1

