

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021806.D
 Acq On : 09 Apr 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 10 01:37:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	208996	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	296607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	275942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	109279	48.259	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.640	113	105372	54.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.115	98	407183	55.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.260%
62) 4-Bromofluorobenzene	12.414	95	135105	54.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	96293	44.453	ug/l	98
3) Chloromethane	2.074	50	132051	43.353	ug/l	100
4) Vinyl Chloride	2.214	62	152625	44.307	ug/l	100
5) Bromomethane	2.604	94	98507	41.928	ug/l	95
6) Chloroethane	2.745	64	103875	46.083	ug/l	96
7) Trichlorofluoromethane	3.068	101	206922	46.892	ug/l	97
8) Diethyl Ether	3.464	74	51792	43.159	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	116698	50.142	ug/l	100
10) Methyl Iodide	4.019	142	142170	55.682	ug/l	98
11) Tert butyl alcohol	4.891	59	25994	176.734	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	102176	46.610	ug/l	96
13) Acrolein	3.665	56	16440	61.216	ug/l	99
14) Allyl chloride	4.397	41	158633	45.386	ug/l	100
15) Acrylonitrile	5.074	53	114150	227.820	ug/l	99
16) Acetone	3.885	43	107240	231.402	ug/l	99
17) Carbon Disulfide	4.116	76	340344	47.137	ug/l	98
18) Methyl Acetate	4.397	43	61239	53.317	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	247835	45.410	ug/l	100
20) Methylene Chloride	4.635	84	117899	52.157	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	117151	48.537	ug/l	98
22) Diisopropyl ether	6.031	45	363723	49.607	ug/l	98
23) Vinyl Acetate	5.970	43	963994	224.745	ug/l	99
24) 1,1-Dichloroethane	5.927	63	211946	48.343	ug/l	99
25) 2-Butanone	6.902	43	149243	225.466	ug/l	98
26) 2,2-Dichloropropane	6.896	77	190053	48.733	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	130040	47.909	ug/l	99
28) Bromochloromethane	7.256	49	91483	49.477	ug/l	99
29) Tetrahydrofuran	7.274	42	94369	221.518	ug/l	99
30) Chloroform	7.427	83	226593	49.691	ug/l	98
31) Cyclohexane	7.713	56	183785	45.986	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	201406	48.868	ug/l	99
36) 1,1-Dichloropropene	7.847	75	162414	55.420	ug/l	100
37) Ethyl Acetate	6.994	43	66149	47.827	ug/l	99
38) Carbon Tetrachloride	7.829	117	184506	54.969	ug/l	98
39) Methylcyclohexane	9.115	83	189067	54.005	ug/l	97
40) Benzene	8.091	78	480828	54.786	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.274	41	93614	127.450	ug/l #	100
42) 1,2-Dichloroethane	8.164	62	132510	53.556	ug/l	100
43) Isopropyl Acetate	8.207	43	125737	47.972	ug/l	99
44) Trichloroethene	8.872	130	124009	55.456	ug/l	96
45) 1,2-Dichloropropane	9.146	63	112772	54.284	ug/l	97
46) Dibromomethane	9.237	93	65435	54.653	ug/l	97
47) Bromodichloromethane	9.432	83	171124	55.159	ug/l	99
48) Methyl methacrylate	9.231	41	63067	52.427	ug/l	97
49) 1,4-Dioxane	9.237	88	12830	1000.318	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	358480	262.818	ug/l	100
52) Toluene	10.176	92	313015	57.164	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	141355	51.297	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	170477	52.441	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	83893	54.449	ug/l	99
56) Ethyl methacrylate	10.445	69	105491	53.620	ug/l	99
57) 1,3-Dichloropropane	10.725	76	143459	53.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	271598	282.989	ug/l	100
59) 2-Hexanone	10.768	43	244109	268.727	ug/l	100
60) Dibromochloromethane	10.920	129	117616	55.911	ug/l	99
61) 1,2-Dibromoethane	11.024	107	78035	53.991	ug/l	100
64) Tetrachloroethene	10.658	164	149726	59.576	ug/l	97
65) Chlorobenzene	11.450	112	331646	52.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	119312	53.163	ug/l	99
67) Ethyl Benzene	11.524	91	594083	54.770	ug/l	98
68) m/p-Xylenes	11.633	106	461554	111.123	ug/l	99
69) o-Xylene	11.963	106	211149	55.072	ug/l	99
70) Styrene	11.975	104	358954	56.151	ug/l	99
71) Bromoform	12.139	173	66677	52.084	ug/l #	99
73) Isopropylbenzene	12.261	105	563165	52.039	ug/l	100
74) N-amyl acetate	12.078	43	115974	45.662	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	90199	46.358	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	123798	85.714	ug/l #	100
77) Bromobenzene	12.542	156	131122	50.463	ug/l	98
78) n-propylbenzene	12.603	91	696894	53.563	ug/l	99
79) 2-Chlorotoluene	12.688	91	393083	52.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	472250	53.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	27280	43.521	ug/l	98
82) 4-Chlorotoluene	12.786	91	412362	52.341	ug/l	99
83) tert-Butylbenzene	13.005	119	405750	51.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	471787	53.969	ug/l	99
85) sec-Butylbenzene	13.182	105	610883	53.061	ug/l	100
86) p-Isopropyltoluene	13.298	119	519365	54.581	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	268870	52.521	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	261396	51.681	ug/l	99
89) n-Butylbenzene	13.627	91	465093	52.851	ug/l	100
90) Hexachloroethane	13.889	117	101723	48.783	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	234045	52.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13665	45.314	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	122704	50.774	ug/l	99
94) Hexachlorobutadiene	15.035	225	79468	52.652	ug/l	97
95) Naphthalene	15.151	128	196441	49.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	104196	50.561	ug/l	99

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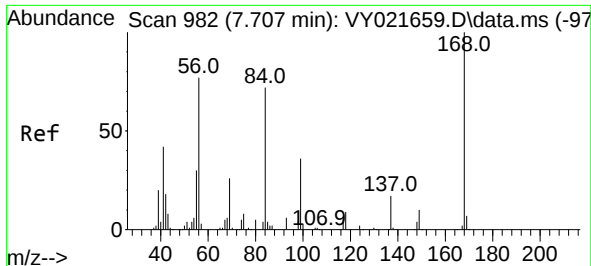
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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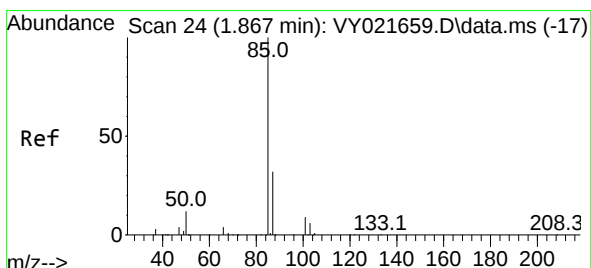
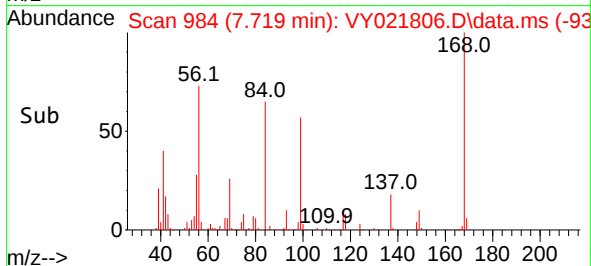
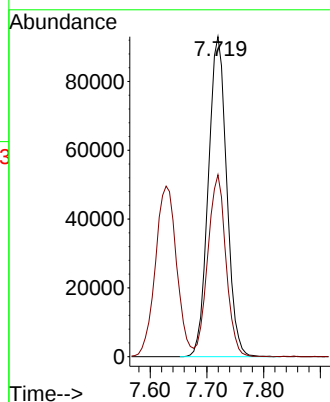
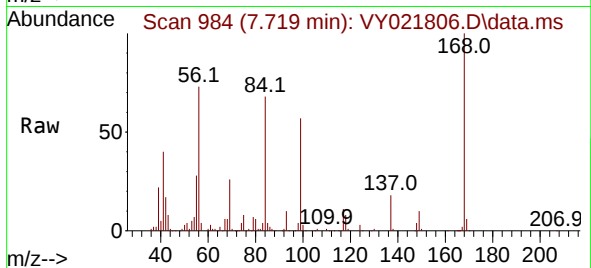




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
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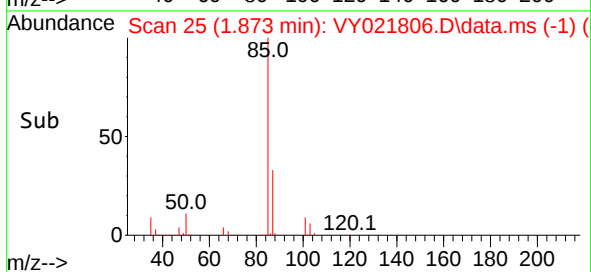
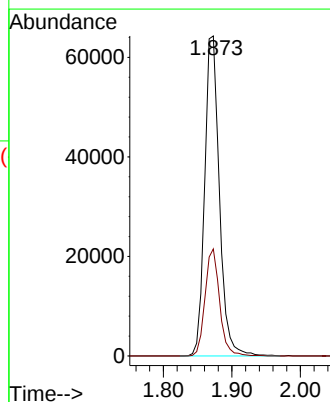
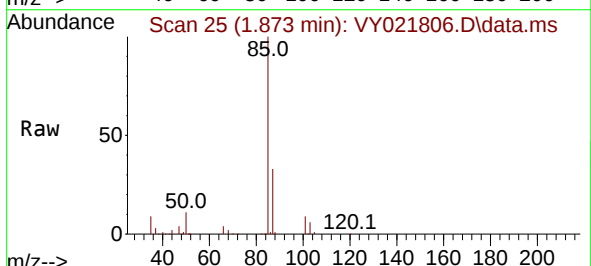
Instrument :
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ClientSampleId :
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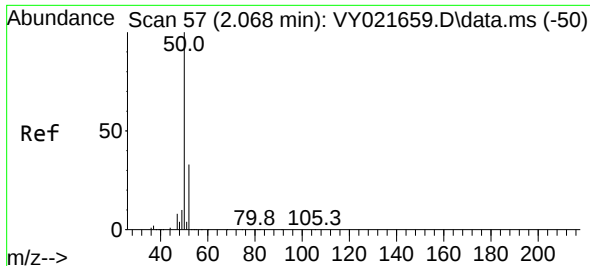
Tgt Ion:168 Resp: 208996
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 44.453 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 85 Resp: 96293
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.6

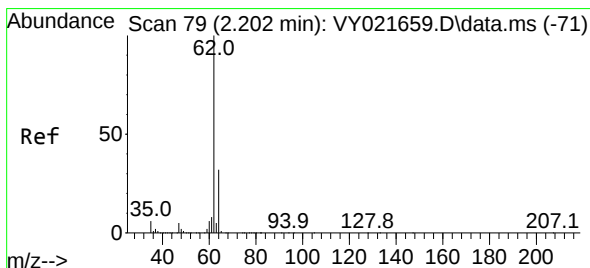
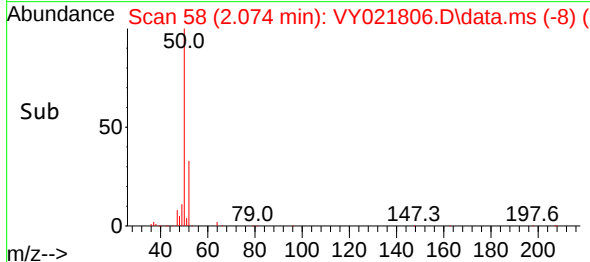
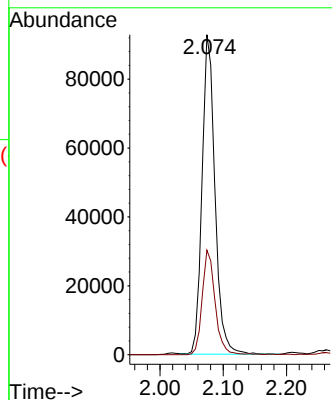
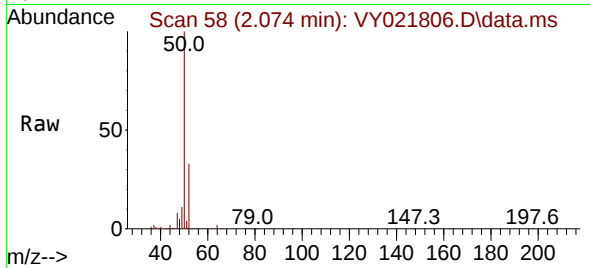




#3
Chloromethane
Concen: 43.353 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

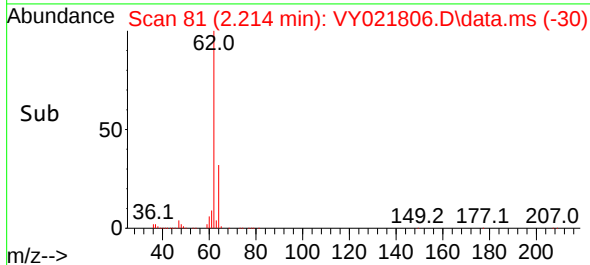
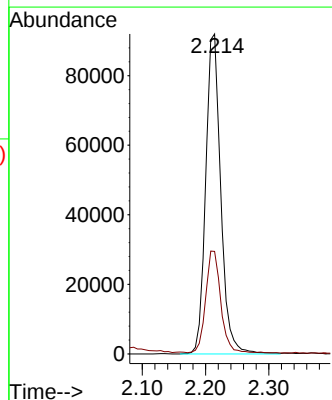
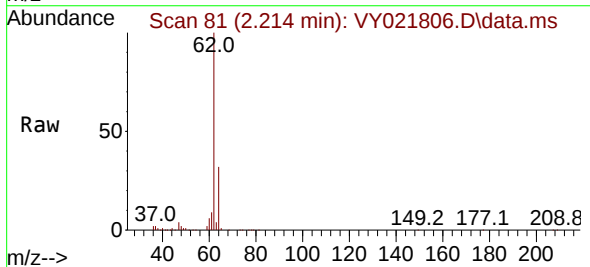
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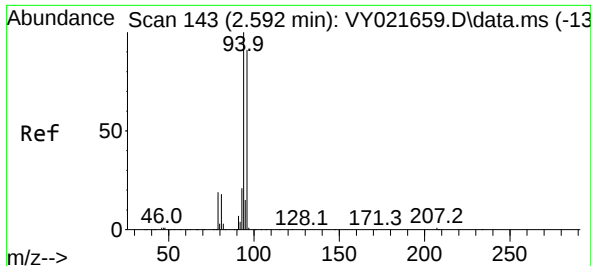
Tgt Ion: 50 Resp: 132051
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 44.307 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 62 Resp: 152625
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

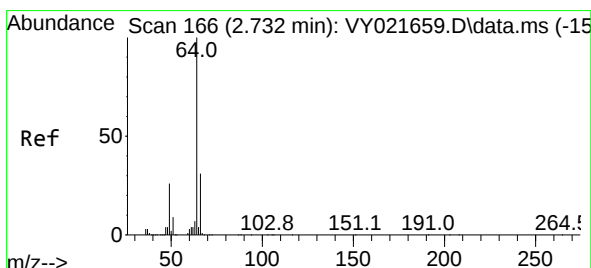
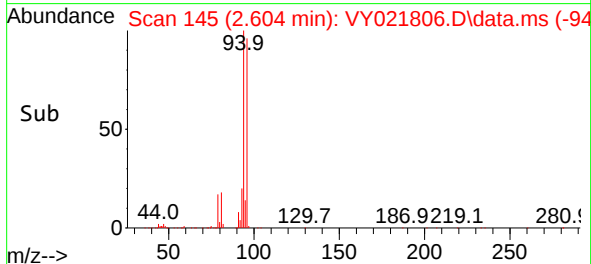
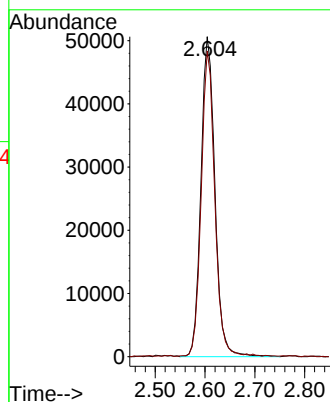
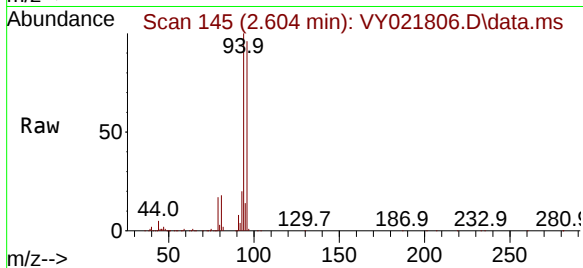




#5
Bromomethane
Concen: 41.928 ug/l
RT: 2.604 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

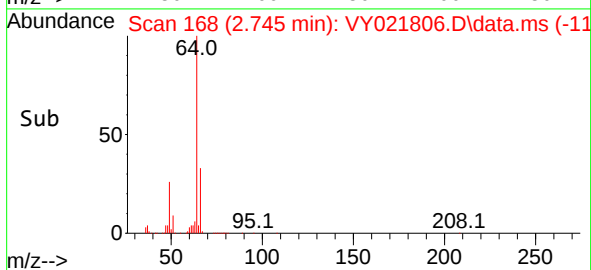
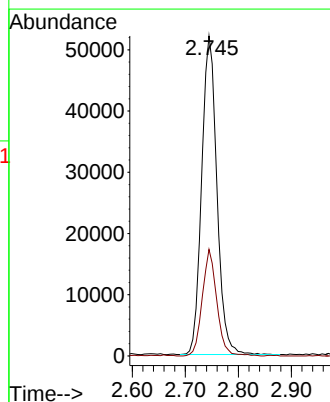
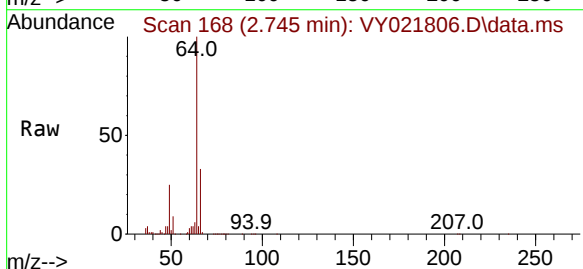
Instrument :
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Tgt Ion: 94 Resp: 98507
Ion Ratio Lower Upper
94 100
96 95.4 72.8 109.2



#6
Chloroethane
Concen: 46.083 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 64 Resp: 103875
Ion Ratio Lower Upper
64 100
66 33.4 24.9 37.3

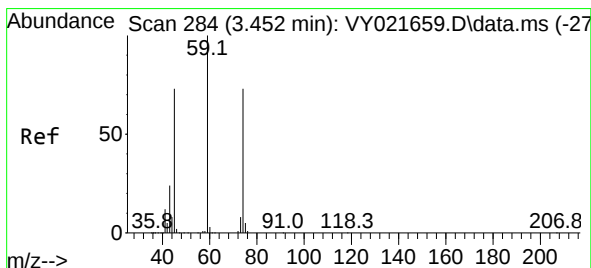
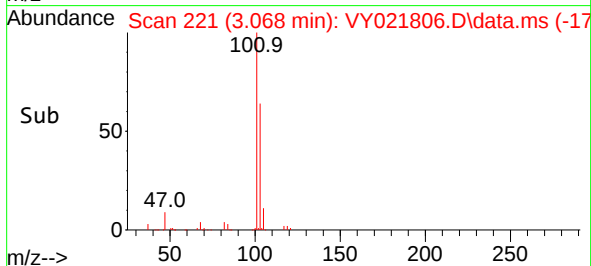
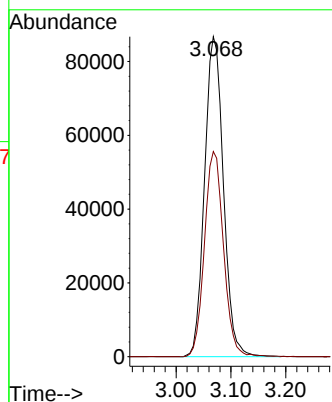
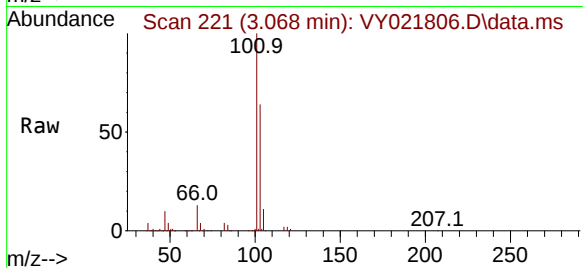




#7
 Trichlorofluoromethane
 Concen: 46.892 ug/l
 RT: 3.068 min Scan# 219
 Delta R.T. 0.012 min
 Lab File: VY021806.D
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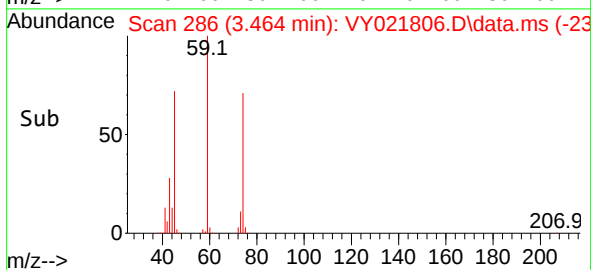
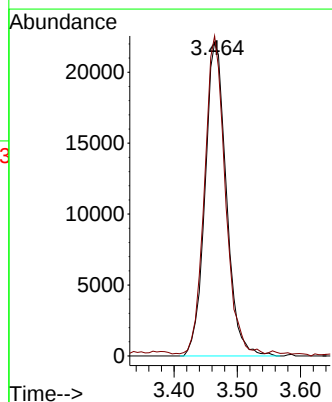
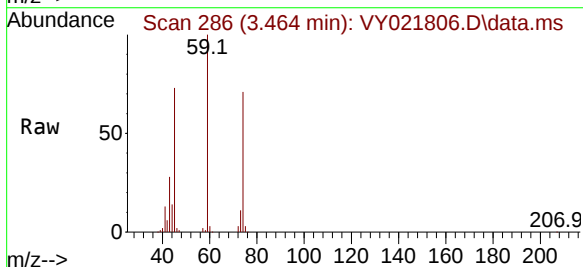
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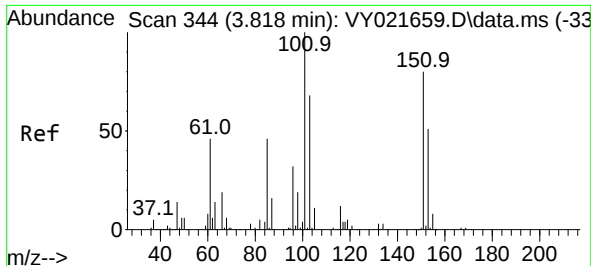
Tgt Ion:101 Resp: 206922
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 43.159 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion: 74 Resp: 51792
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.6 145.8

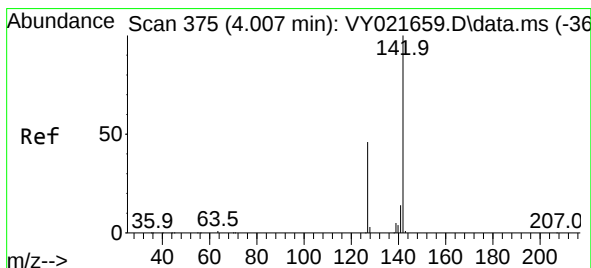
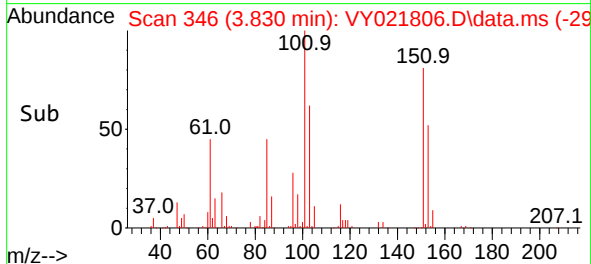
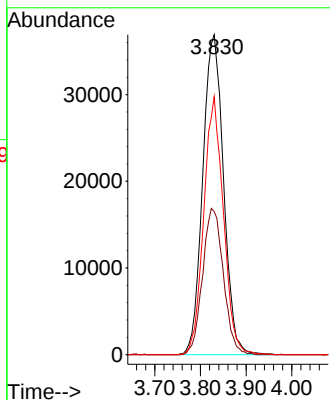
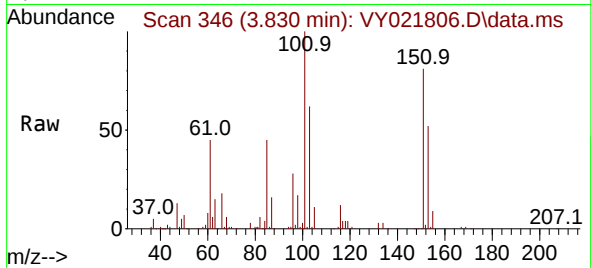




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.142 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY021806.D
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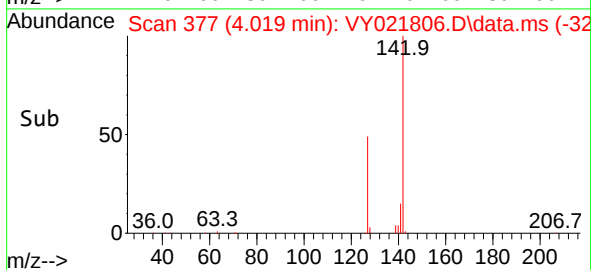
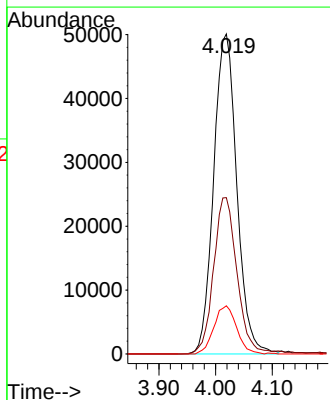
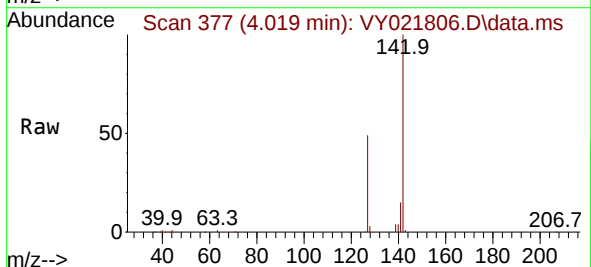
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 116698
Ion Ratio Lower Upper
101 100
85 45.7 36.3 54.5
151 76.3 61.3 91.9



#10
Methyl Iodide
Concen: 55.682 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion:142 Resp: 142170
Ion Ratio Lower Upper
142 100
127 49.9 38.7 58.1
141 14.7 11.5 17.3

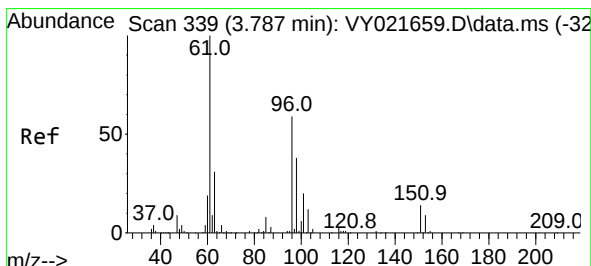
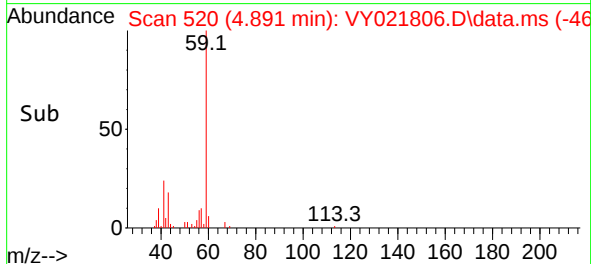
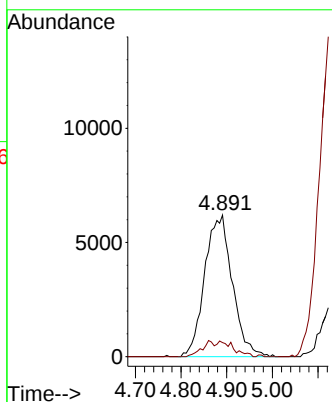
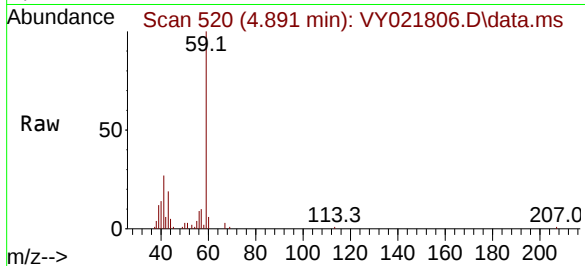




#11
Tert butyl alcohol
Concen: 176.734 ug/l
RT: 4.891 min Scan# 515
Delta R.T. 0.031 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

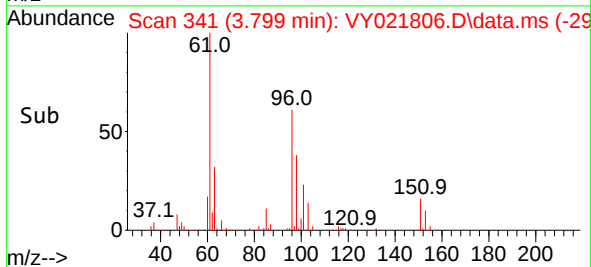
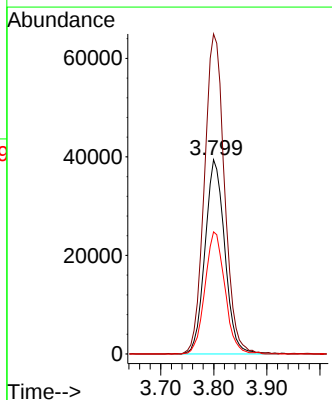
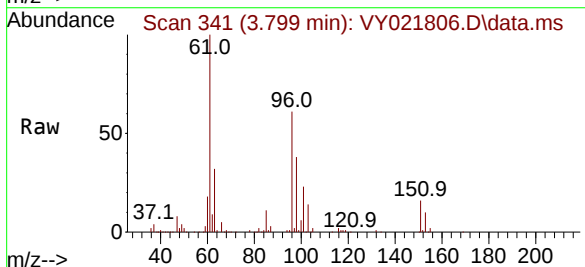
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

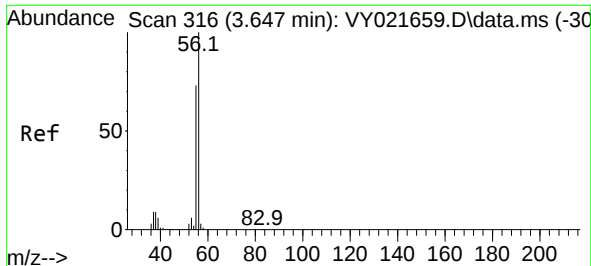
Tgt Ion: 59 Resp: 25994
Ion Ratio Lower Upper
59 100
57 6.1 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 46.610 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 96 Resp: 102176
Ion Ratio Lower Upper
96 100
61 164.6 136.6 204.8
98 62.9 52.3 78.5

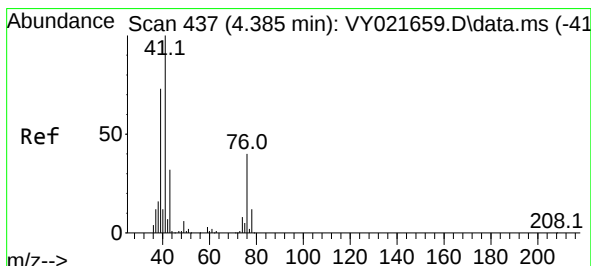
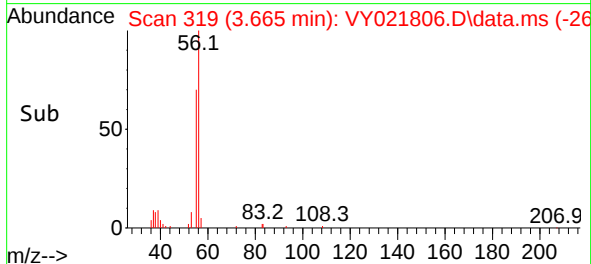
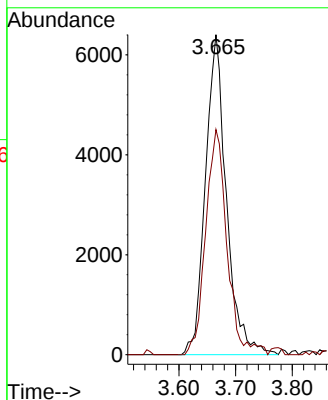
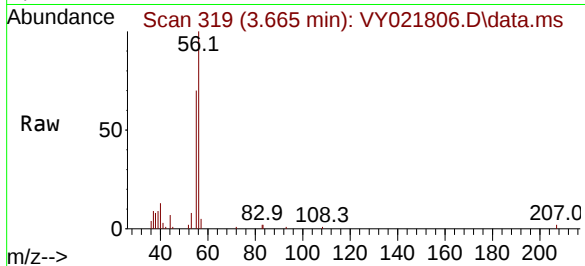




#13
Acrolein
Concen: 61.216 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

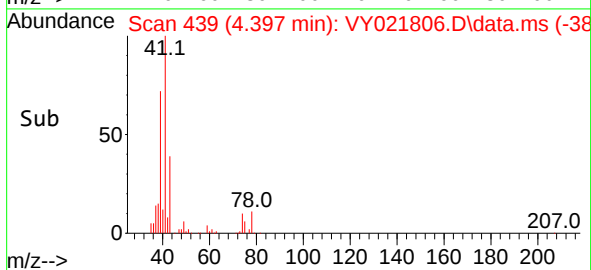
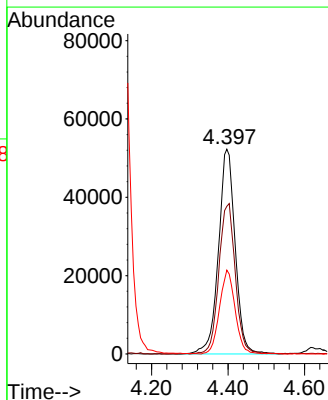
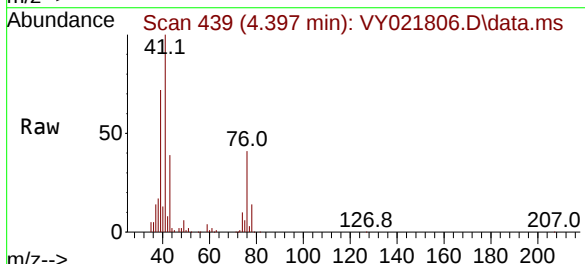
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

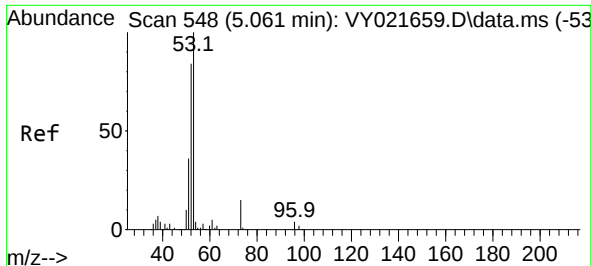
Tgt Ion: 56 Resp: 16440
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0



#14
Allyl chloride
Concen: 45.386 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 41 Resp: 158633
Ion Ratio Lower Upper
41 100
39 72.9 58.6 88.0
76 38.1 30.3 45.5

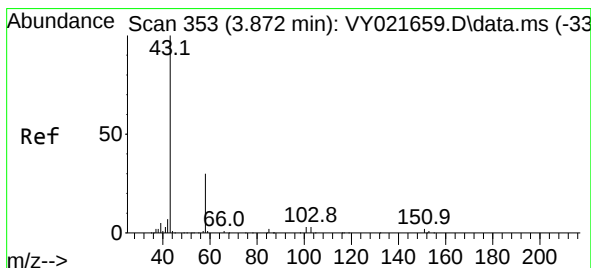
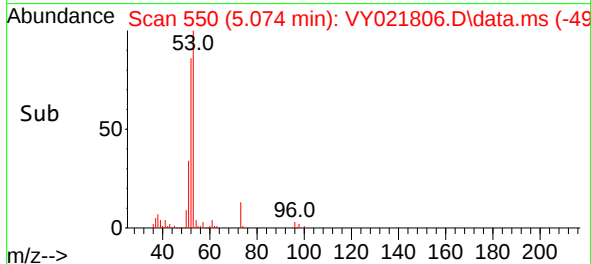
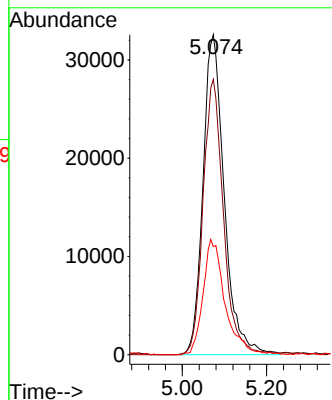
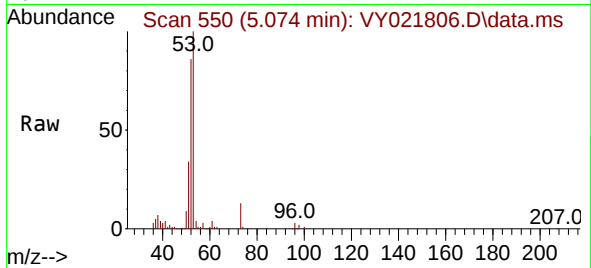




#15
Acrylonitrile
Concen: 227.820 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

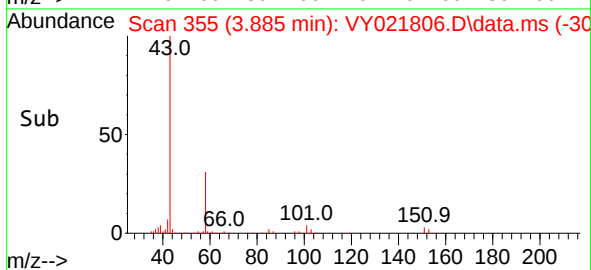
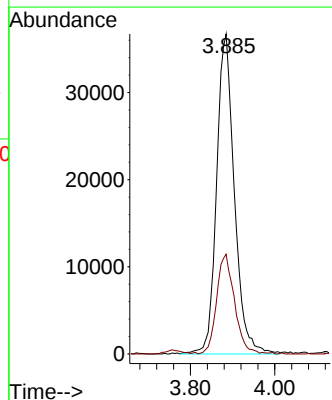
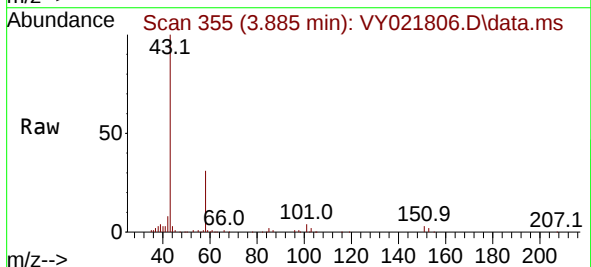
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

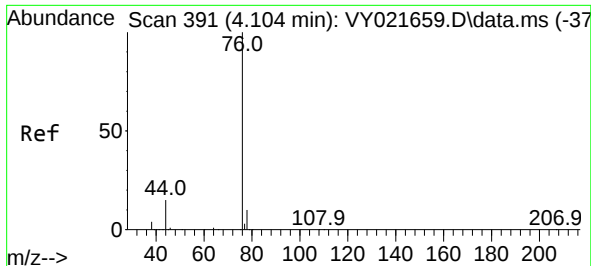
Tgt Ion: 53 Resp: 114150
Ion Ratio Lower Upper
53 100
52 82.7 64.9 97.3
51 37.1 30.2 45.2



#16
Acetone
Concen: 231.402 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 43 Resp: 107240
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.4

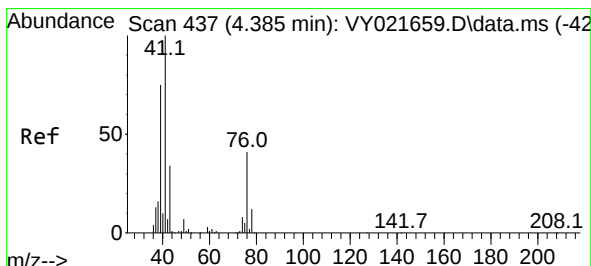
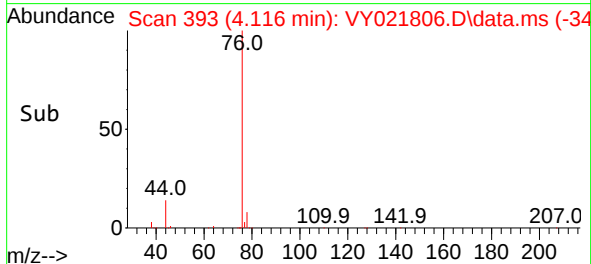
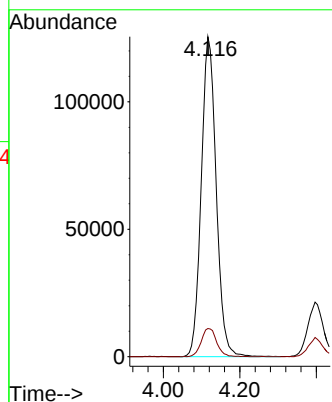
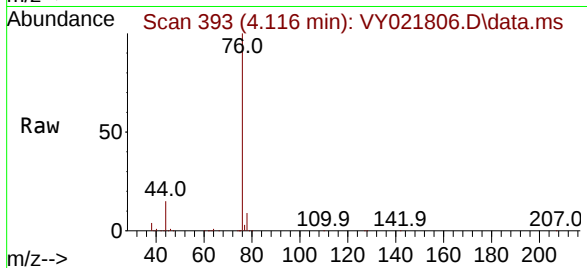




#17
Carbon Disulfide
Concen: 47.137 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

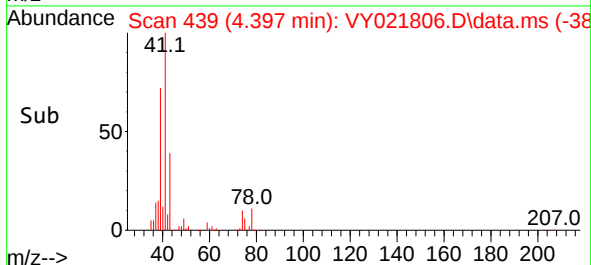
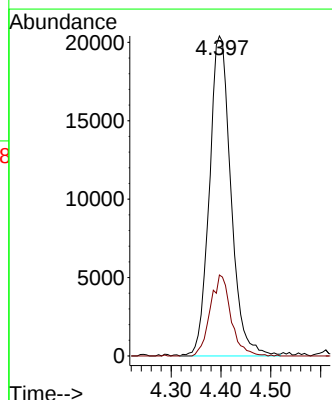
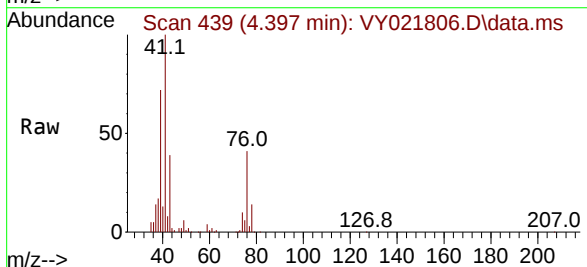
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 340344
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 53.317 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 43 Resp: 61239
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 45.410 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

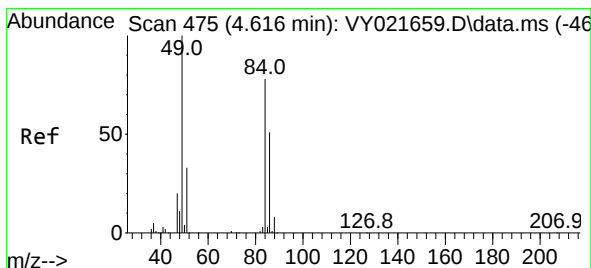
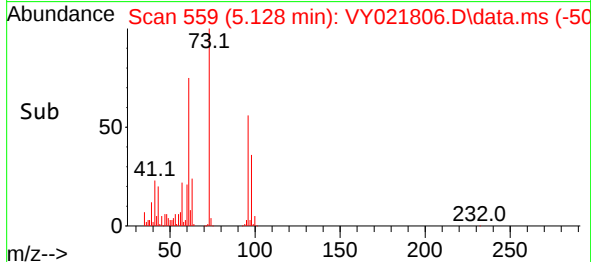
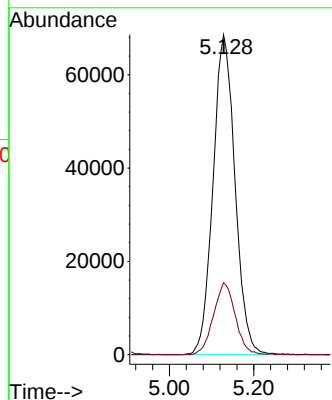
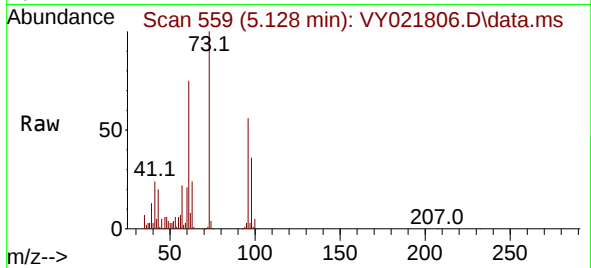
VSTDCCC050

Tgt Ion: 73 Resp: 247835

Ion Ratio Lower Upper

73 100

57 22.5 18.1 27.1



#20

Methylene Chloride

Concen: 52.157 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.019 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Tgt Ion: 84 Resp: 117899

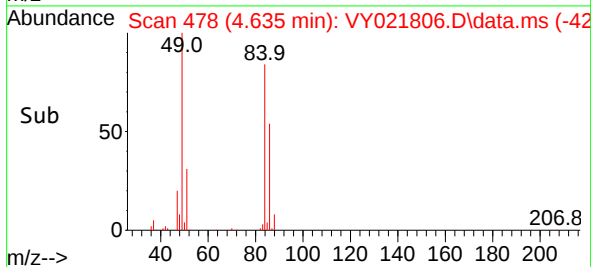
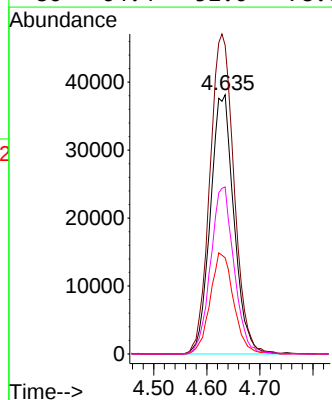
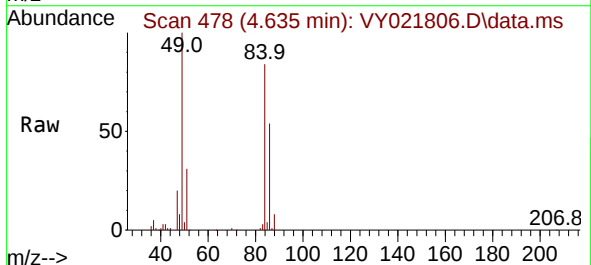
Ion Ratio Lower Upper

84 100

49 119.0 102.8 154.2

51 37.1 33.5 50.3

86 64.4 52.0 78.0

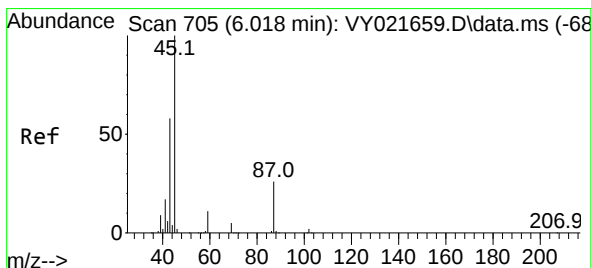
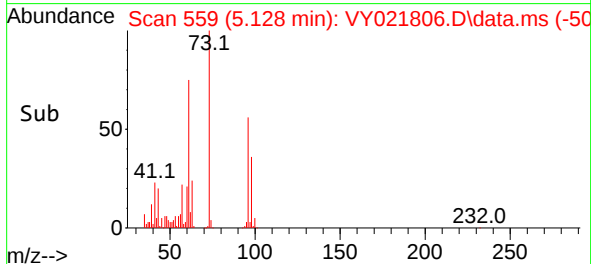
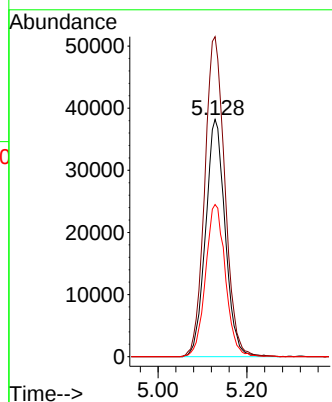
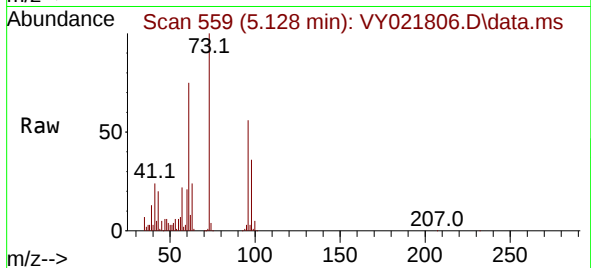




#21
trans-1,2-Dichloroethene
Concen: 48.537 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

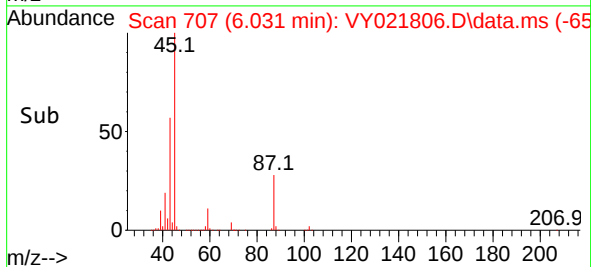
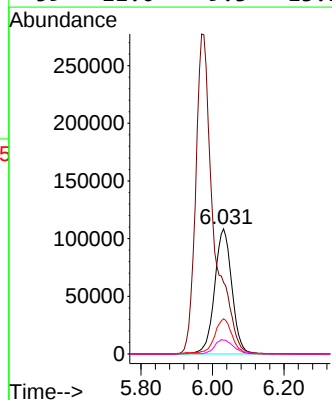
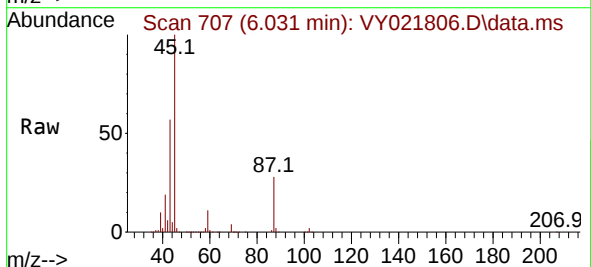
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

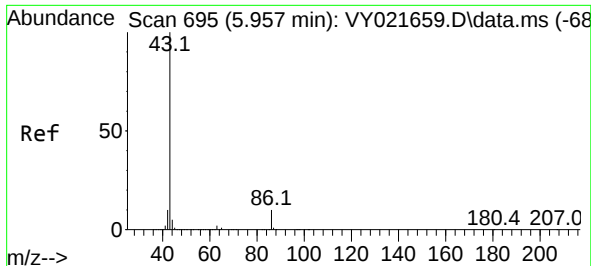
Tgt Ion: 96 Resp: 117151
Ion Ratio Lower Upper
96 100
61 134.9 109.4 164.0
98 64.1 50.2 75.2



#22
Diisopropyl ether
Concen: 49.607 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 45 Resp: 363723
Ion Ratio Lower Upper
45 100
43 56.9 46.6 69.8
87 28.2 20.7 31.1
59 11.0 9.3 13.9

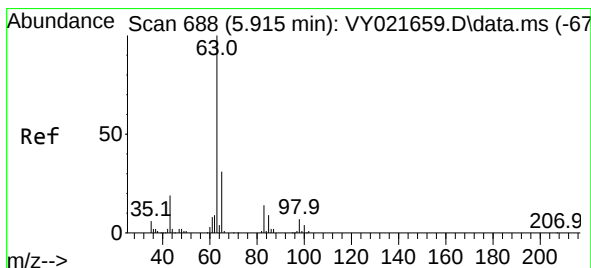
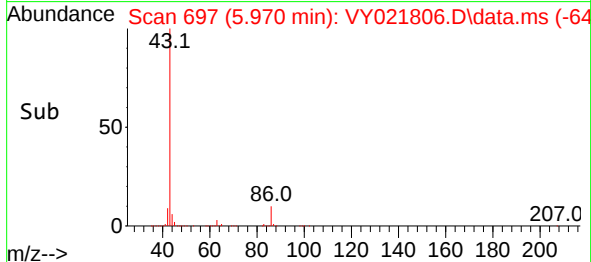
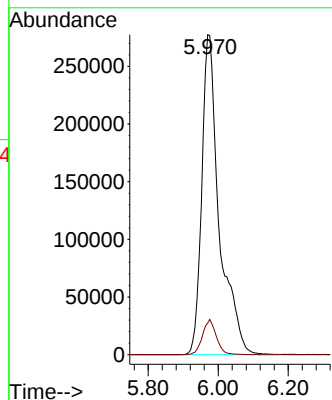
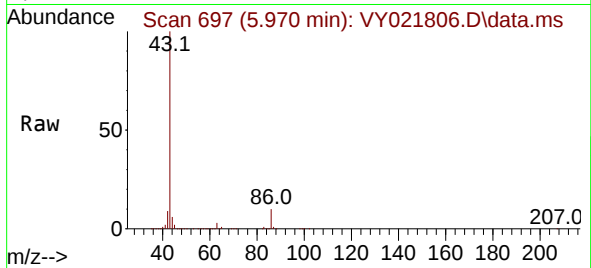




#23
 Vinyl Acetate
 Concen: 224.745 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

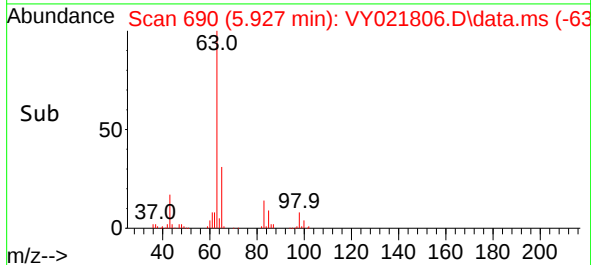
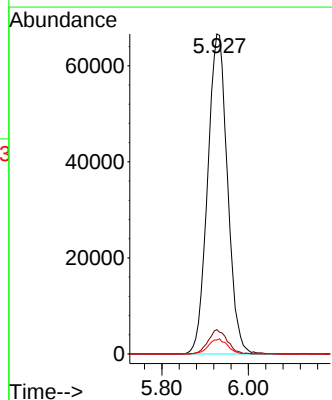
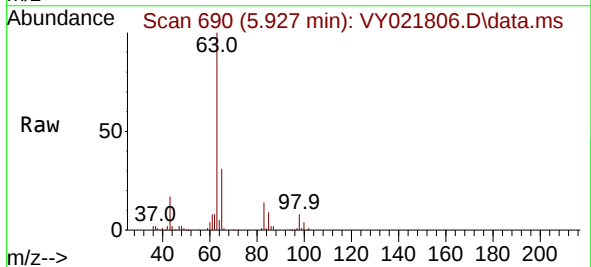
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

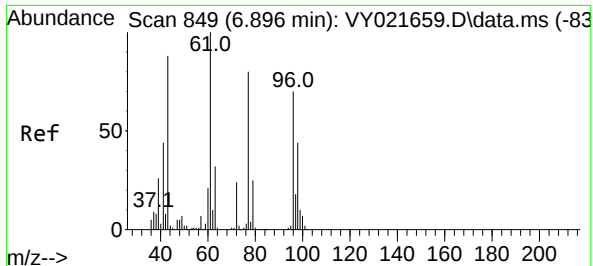
Tgt Ion: 43 Resp: 963994
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 48.343 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion: 63 Resp: 211946
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.4 2.2 6.6

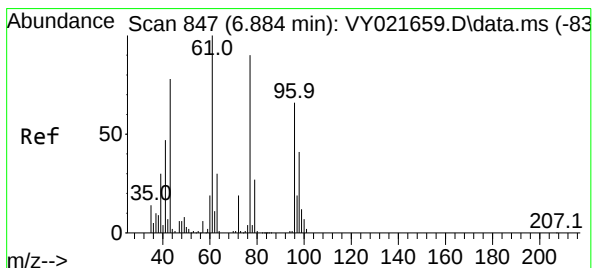
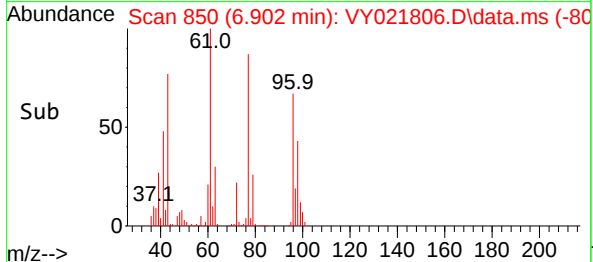
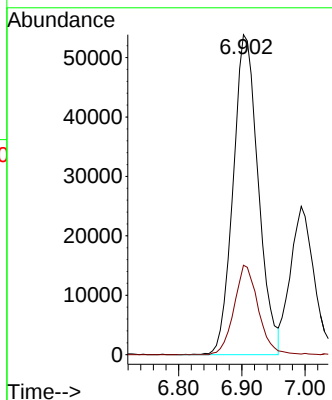
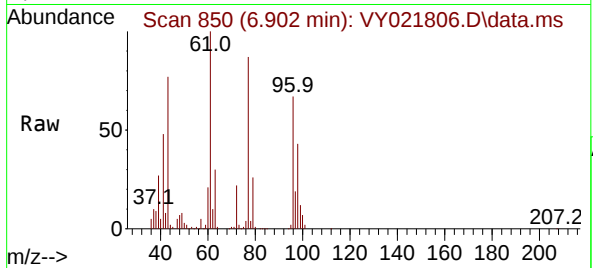




#25
2-Butanone
Concen: 225.466 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

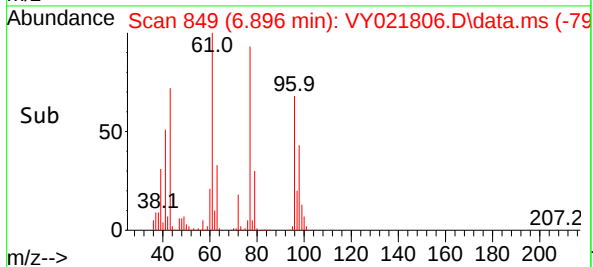
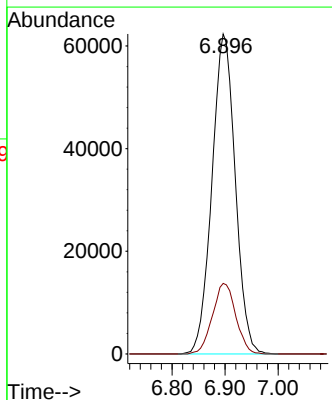
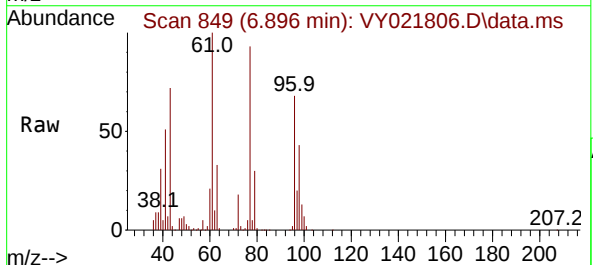
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 149243
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.733 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 77 Resp: 190053
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.1

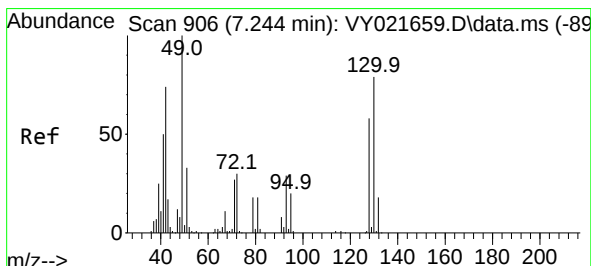
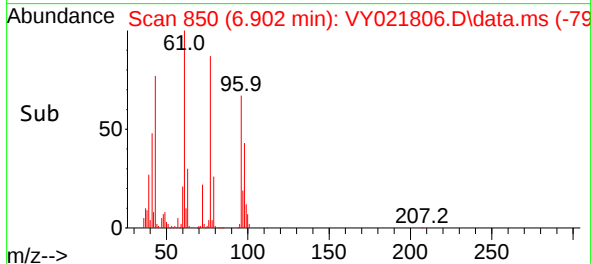
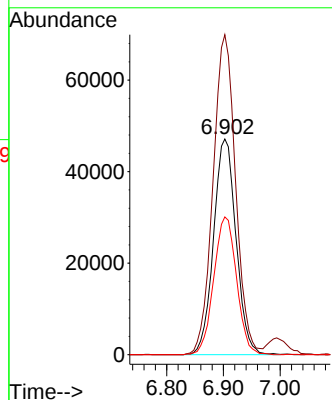
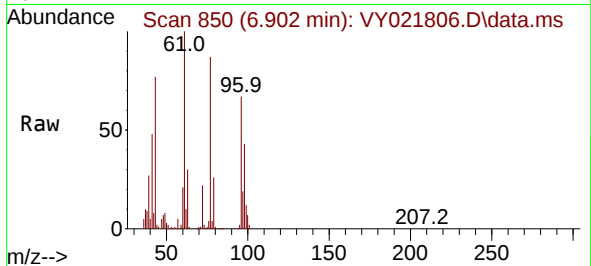




#27
 cis-1,2-Dichloroethene
 Concen: 47.909 ug/l
 RT: 6.902 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

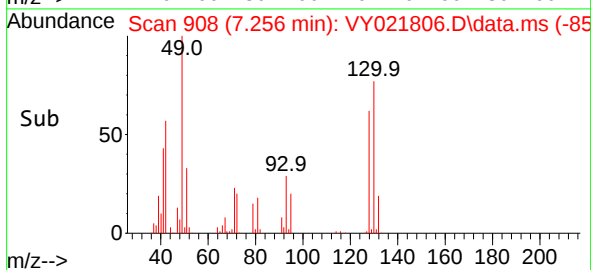
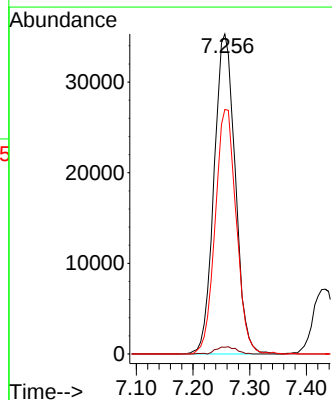
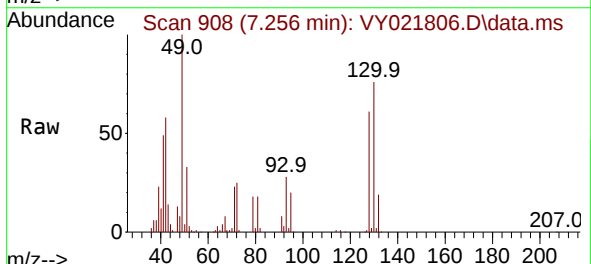
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

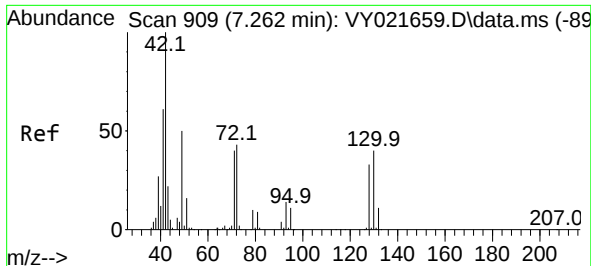
Tgt Ion: 96 Resp: 130040
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 296.4
 98 64.8 0.0 128.0



#28
 Bromochloromethane
 Concen: 49.477 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion: 49 Resp: 91483
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 76.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 221.518 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

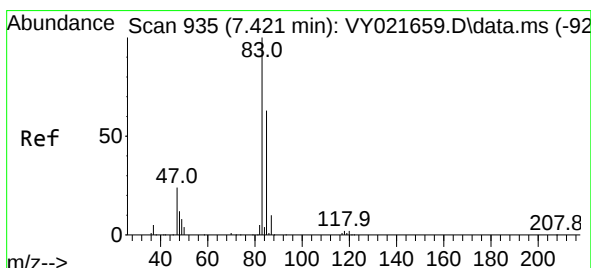
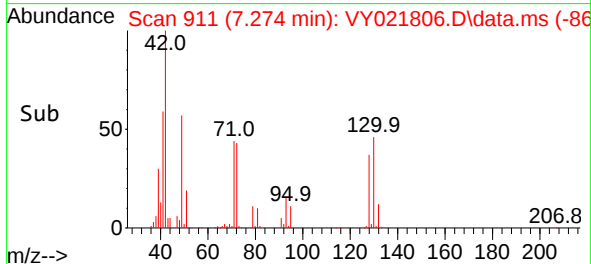
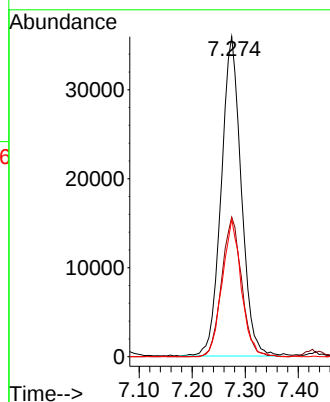
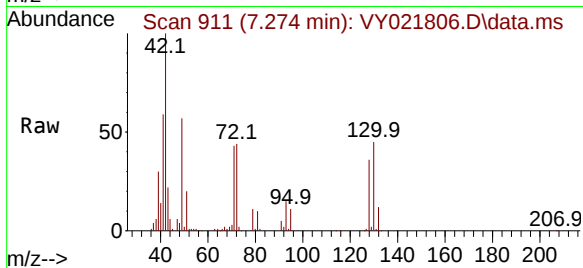
Tgt Ion: 42 Resp: 94369

Ion Ratio Lower Upper

42 100

72 43.6 34.6 52.0

71 41.1 32.5 48.7



#30

Chloroform

Concen: 49.691 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY021806.D

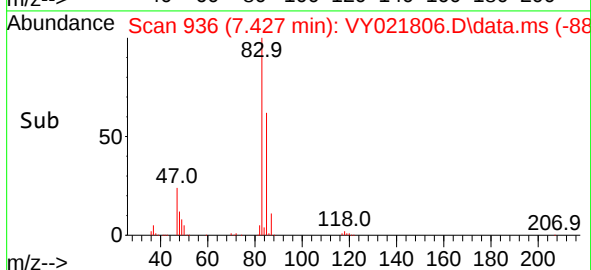
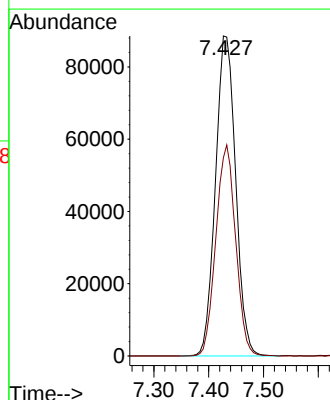
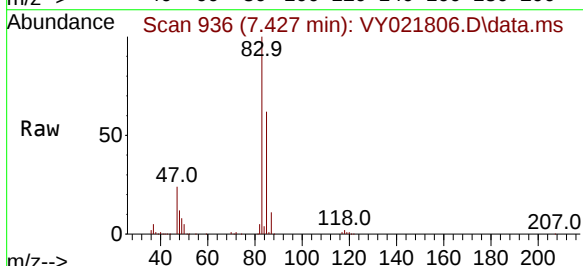
Acq: 09 Apr 2025 09:18

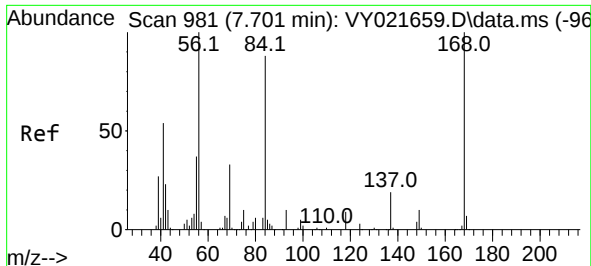
Tgt Ion: 83 Resp: 226593

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

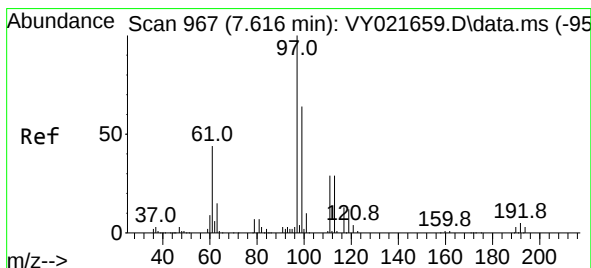
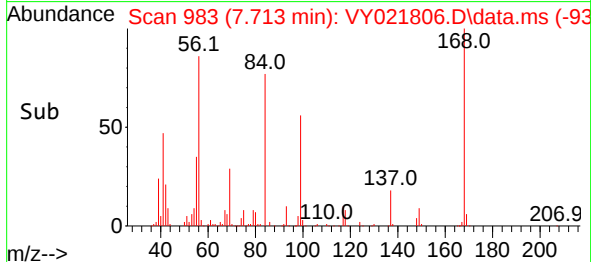
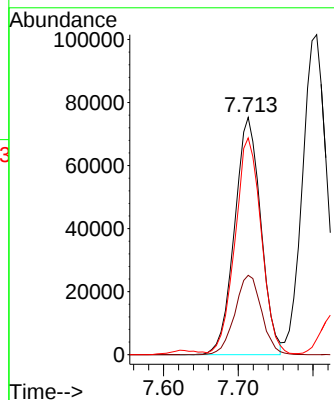
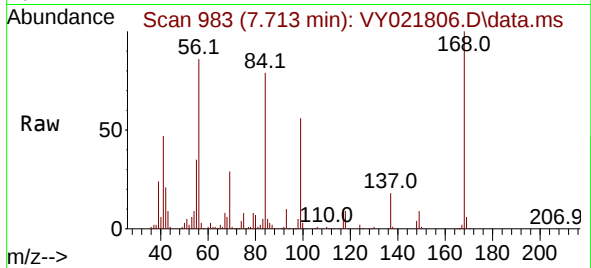




#31
Cyclohexane
Concen: 45.986 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

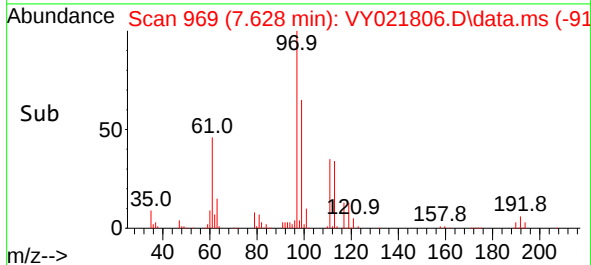
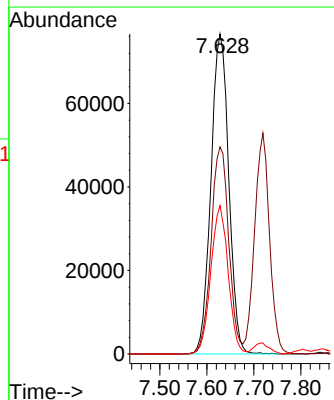
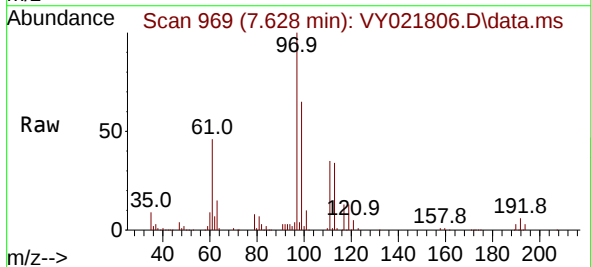
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

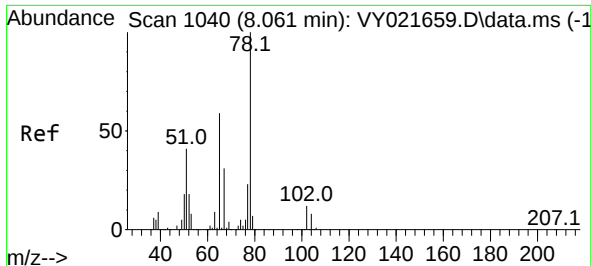
Tgt Ion: 56 Resp: 183785
Ion Ratio Lower Upper
56 100
69 33.5 26.6 40.0
84 89.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.868 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 97 Resp: 201406
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 45.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.259 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

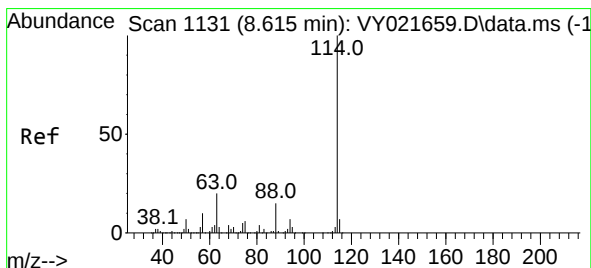
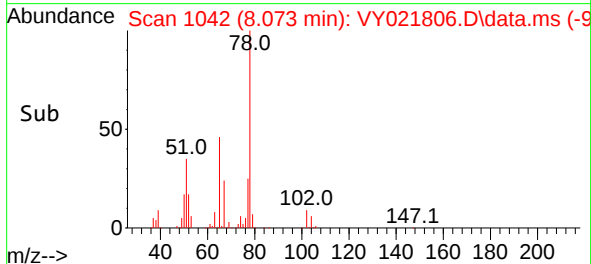
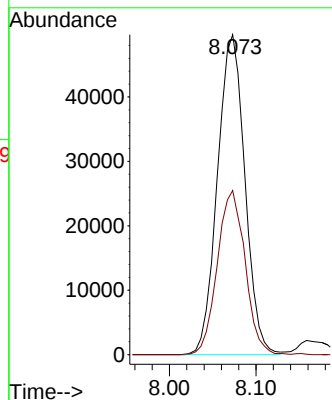
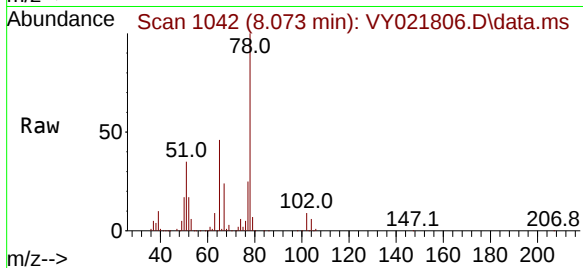
VSTDCCC050

Tgt Ion: 65 Resp: 109279

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

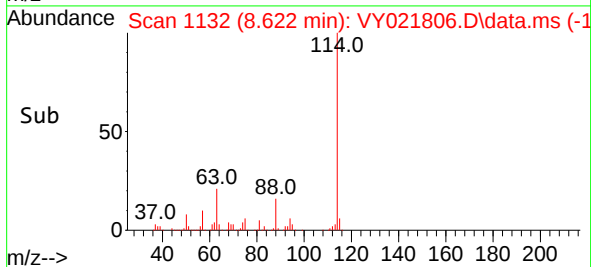
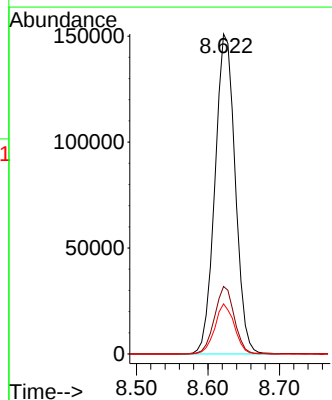
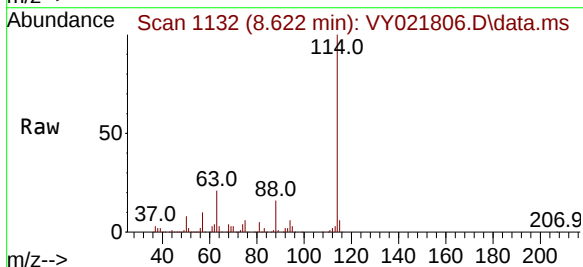
Tgt Ion: 114 Resp: 296607

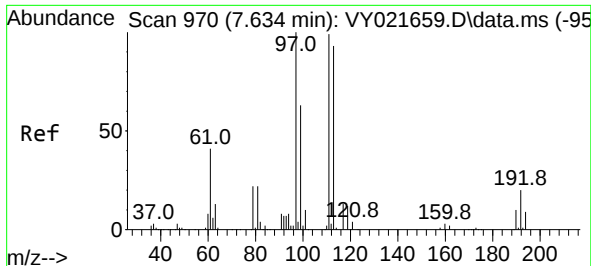
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.7 0.0 29.8

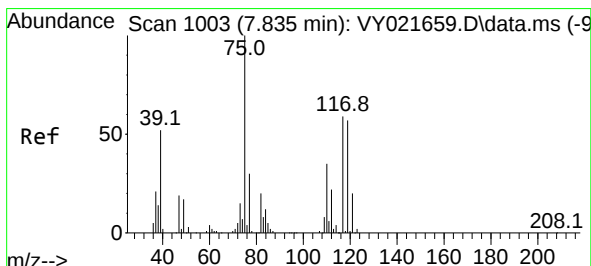
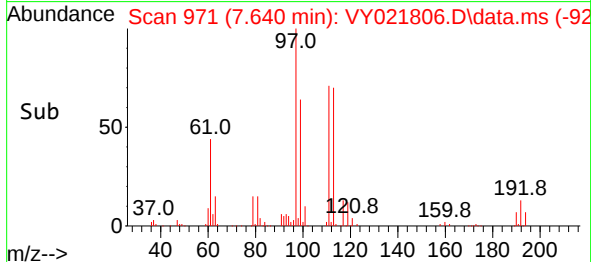
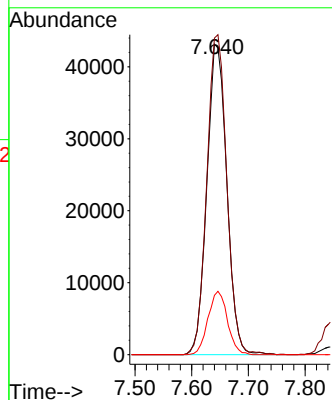
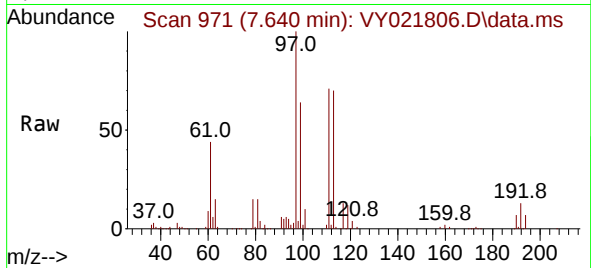




#35
Dibromofluoromethane
Concen: 54.766 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

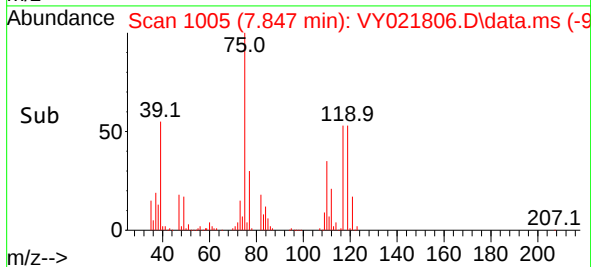
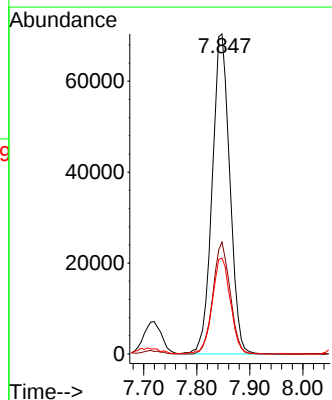
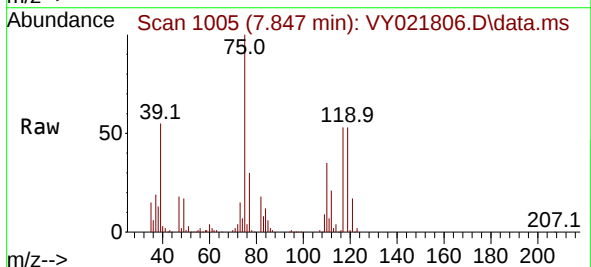
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

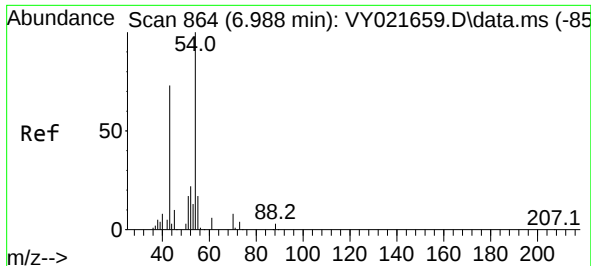
Tgt Ion:113 Resp: 105372
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 55.420 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 75 Resp: 162414
Ion Ratio Lower Upper
75 100
110 34.1 17.0 50.9
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 47.827 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

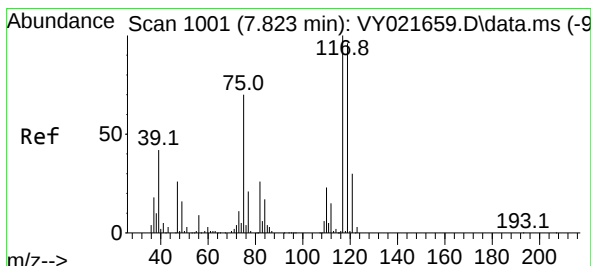
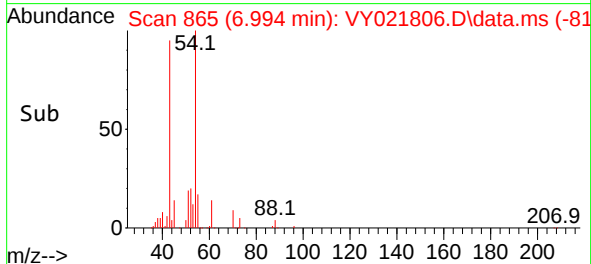
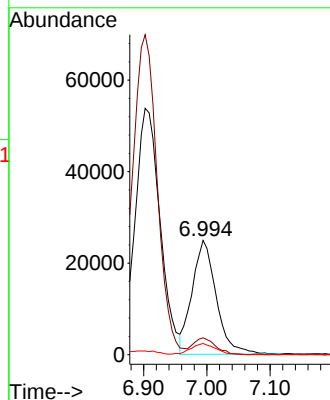
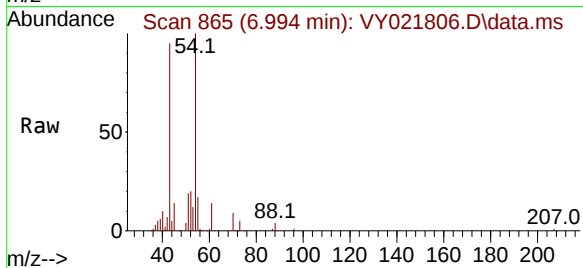
Tgt Ion: 43 Resp: 66149

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.6

70 10.2 8.1 12.1



#38

Carbon Tetrachloride

Concen: 54.969 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

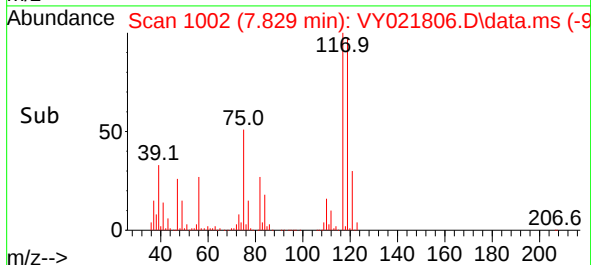
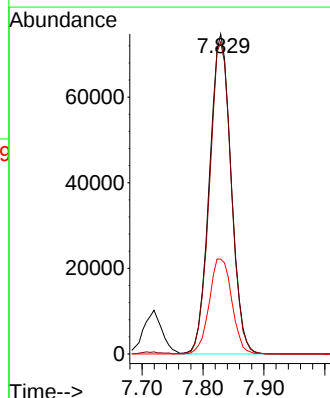
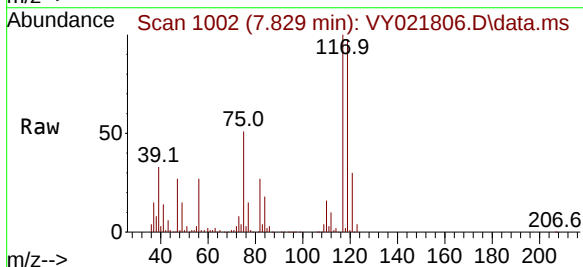
Tgt Ion: 117 Resp: 184506

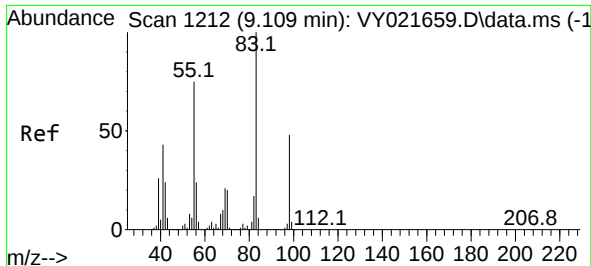
Ion Ratio Lower Upper

117 100

119 97.4 76.2 114.4

121 29.7 24.2 36.4





#39

Methylcyclohexane

Concen: 54.005 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

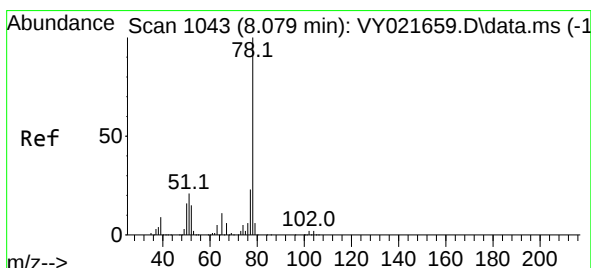
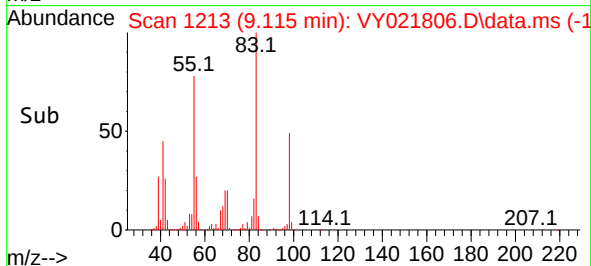
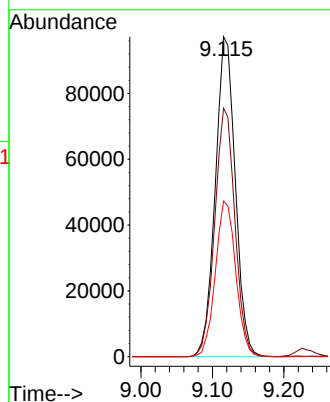
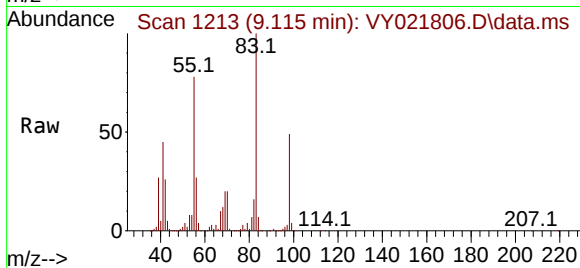
Tgt Ion: 83 Resp: 189067

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 48.6 38.3 57.5



#40

Benzene

Concen: 54.786 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY021806.D

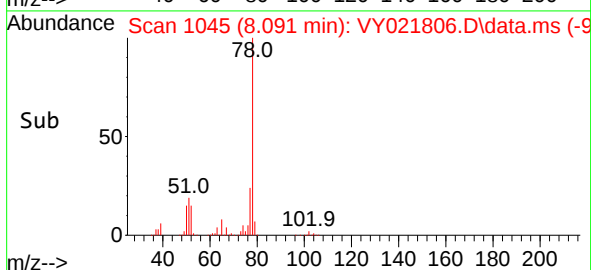
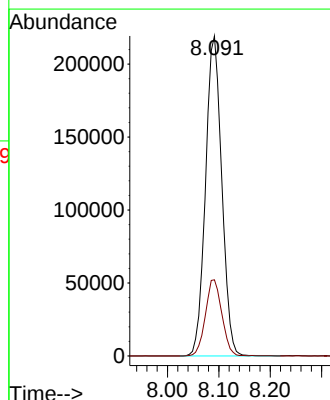
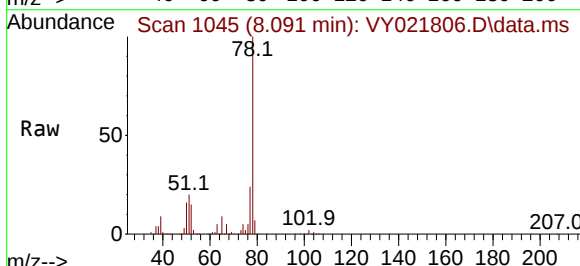
Acq: 09 Apr 2025 09:18

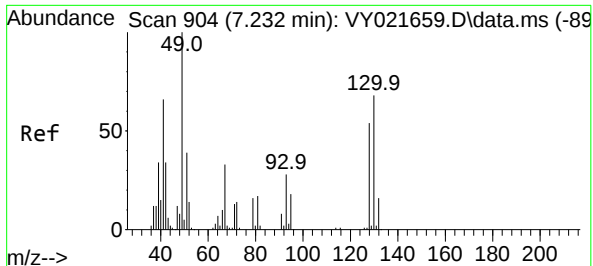
Tgt Ion: 78 Resp: 480828

Ion Ratio Lower Upper

78 100

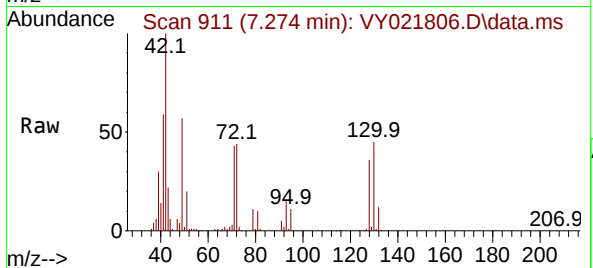
77 23.8 18.8 28.2



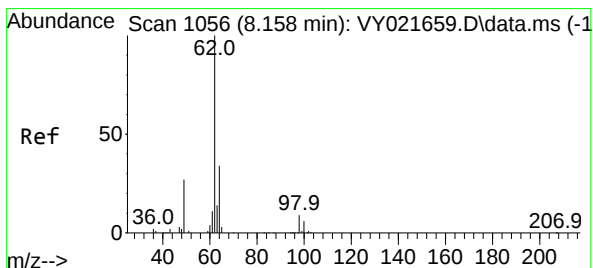
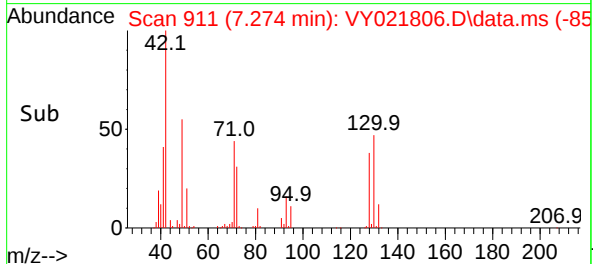
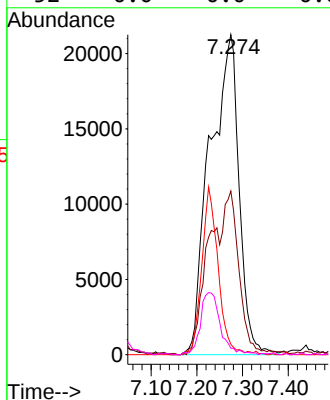


#41
Methacrylonitrile
Concen: 127.450 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.043 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

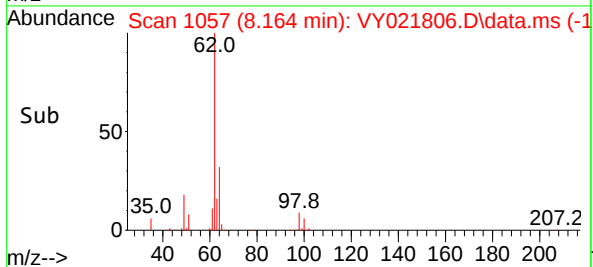
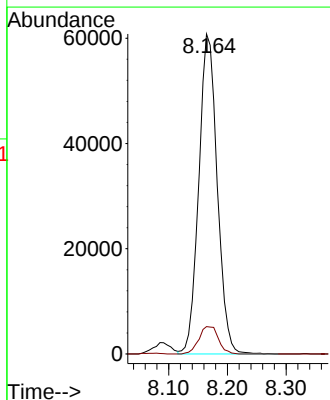
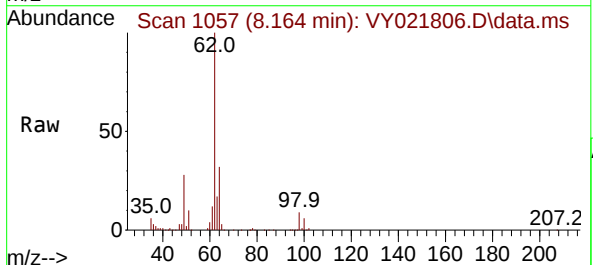


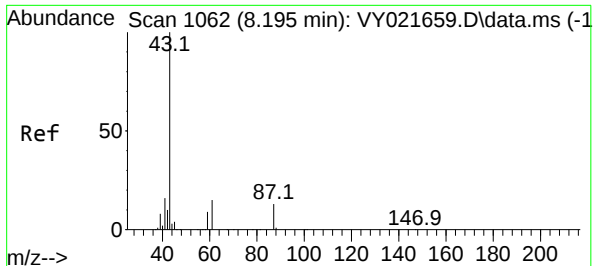
Tgt Ion: 41 Resp: 93614
Ion Ratio Lower Upper
41 100
39 27.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.556 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 62 Resp: 132510
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

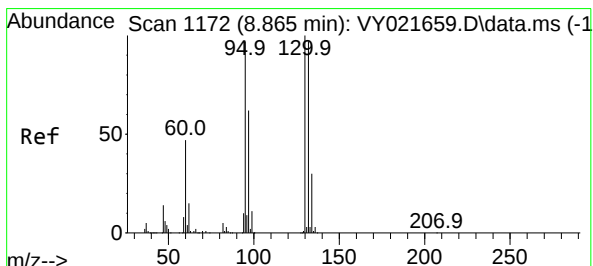
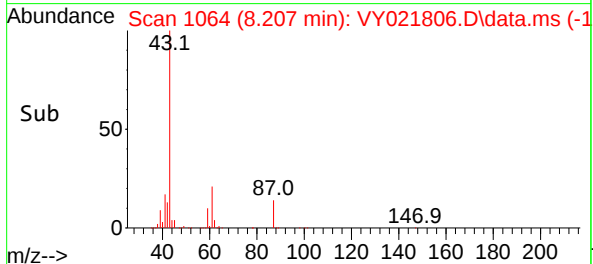
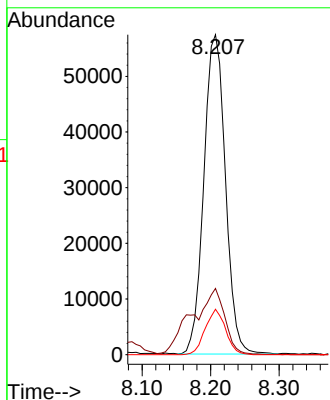
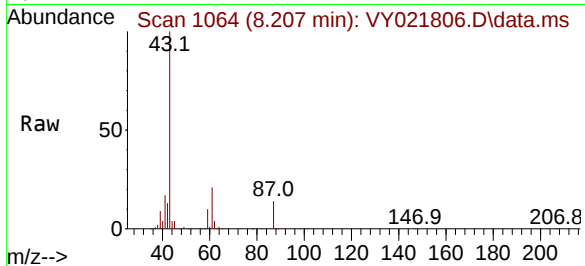




#43
Isopropyl Acetate
Concen: 47.972 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

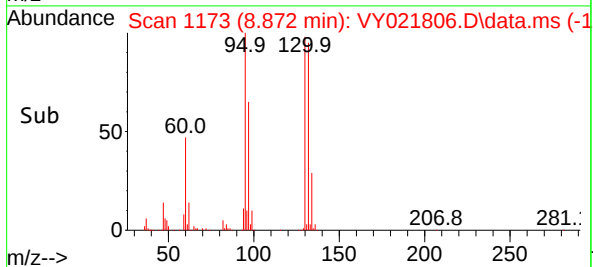
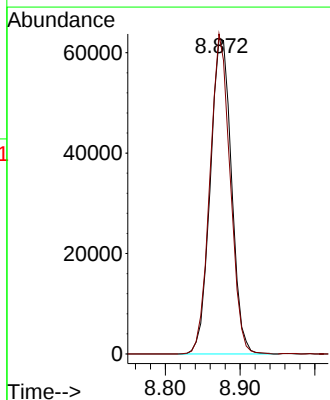
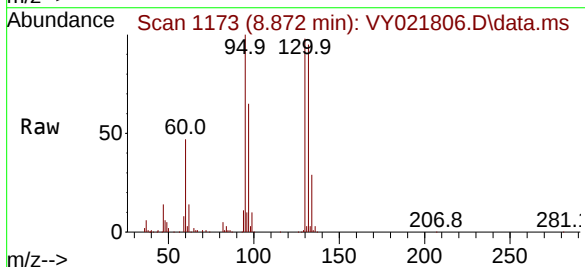
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

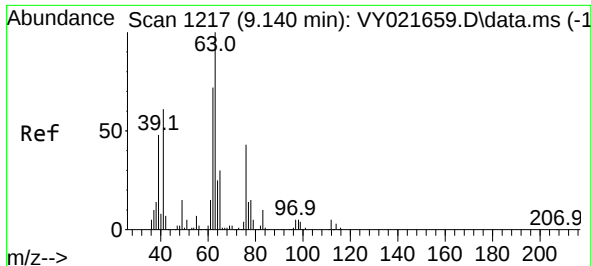
Tgt Ion: 43 Resp: 125737
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9
87 13.4 10.4 15.6



#44
Trichloroethene
Concen: 55.456 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion:130 Resp: 124009
Ion Ratio Lower Upper
130 100
95 101.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 54.284 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

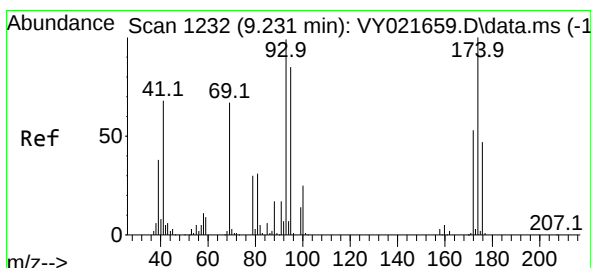
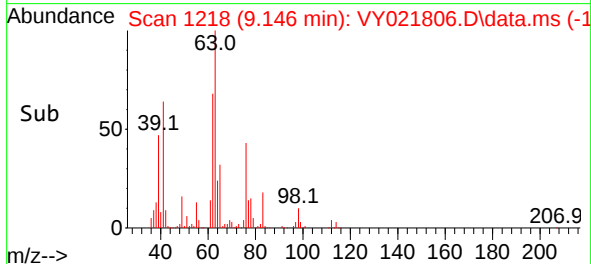
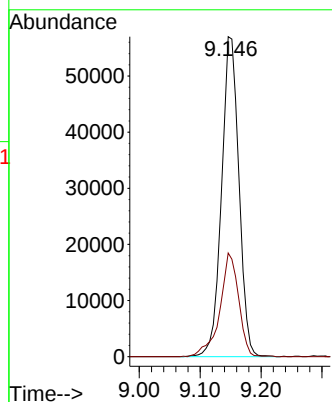
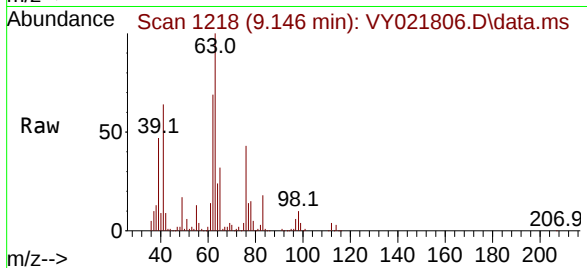
VSTDCCC050

Tgt Ion: 63 Resp: 112772

Ion Ratio Lower Upper

63 100

65 32.4 24.4 36.6



#46

Dibromomethane

Concen: 54.653 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

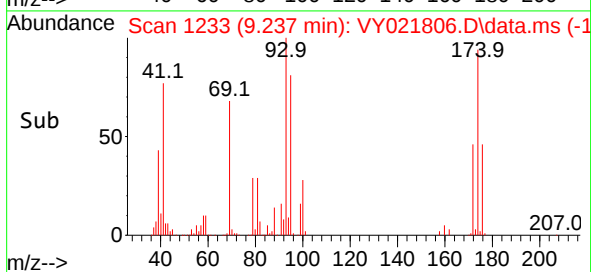
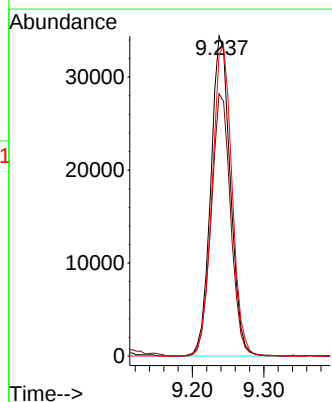
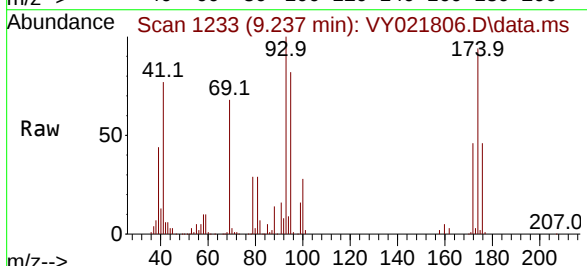
Tgt Ion: 93 Resp: 65435

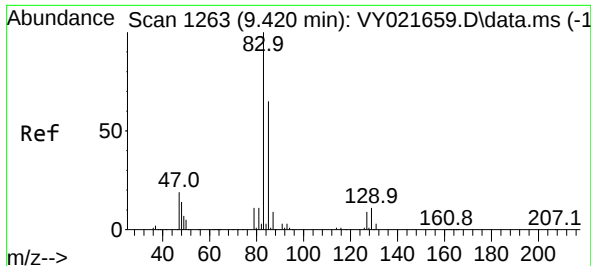
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

174 98.6 80.9 121.3

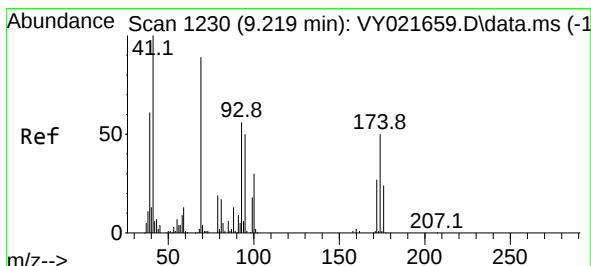
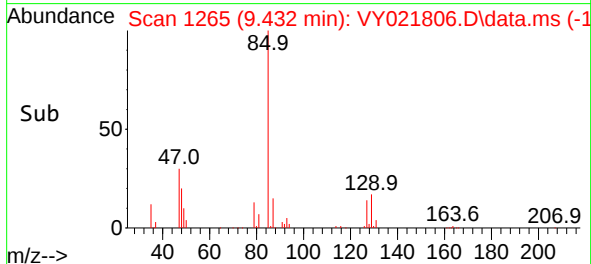
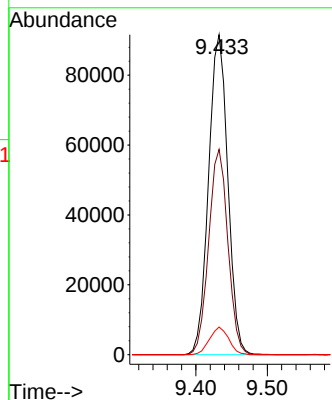
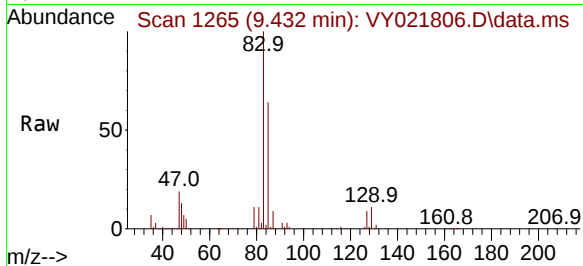




#47
Bromodichloromethane
Concen: 55.159 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

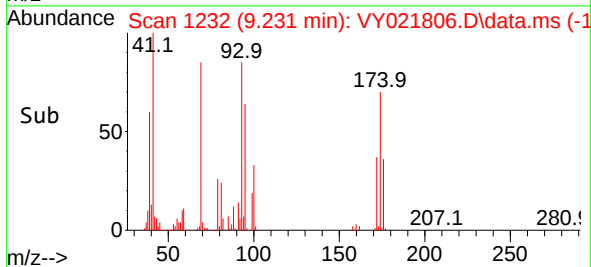
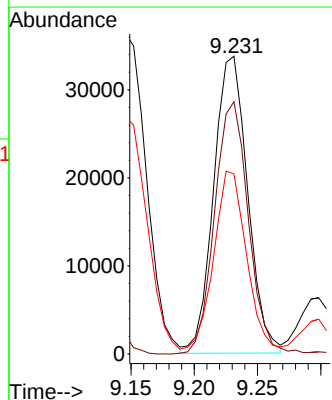
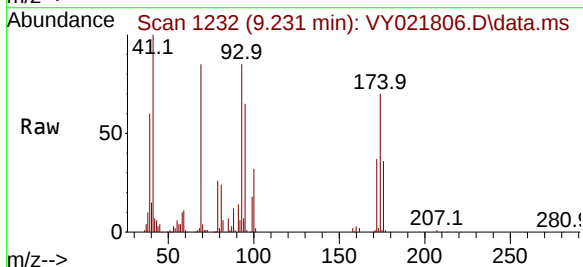
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 171124
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 52.427 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 41 Resp: 63067
Ion Ratio Lower Upper
41 100
69 84.4 69.8 104.8
39 57.1 47.2 70.8





#49

1,4-Dioxane

Concen: 1000.318 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

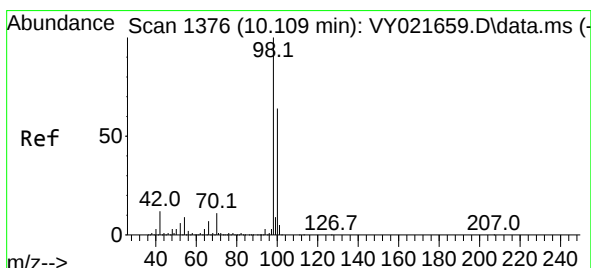
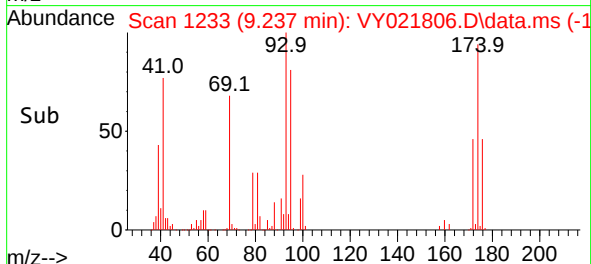
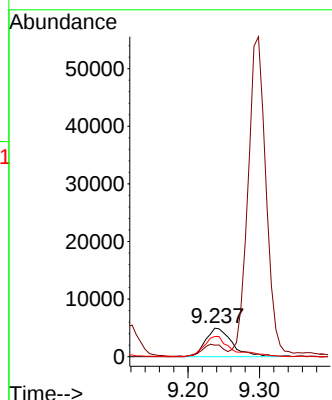
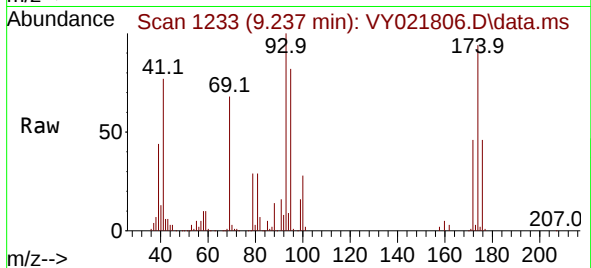
Tgt Ion: 88 Resp: 12830

Ion Ratio Lower Upper

88 100

43 32.5 28.8 43.2

58 73.9 59.4 89.2



#50

Toluene-d8

Concen: 55.629 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021806.D

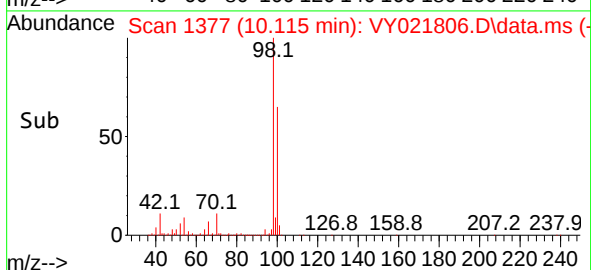
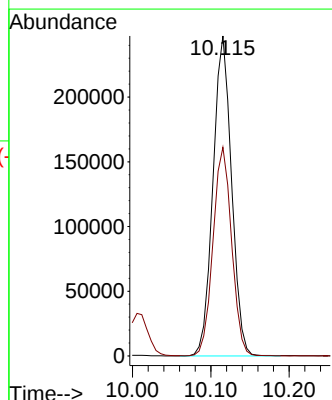
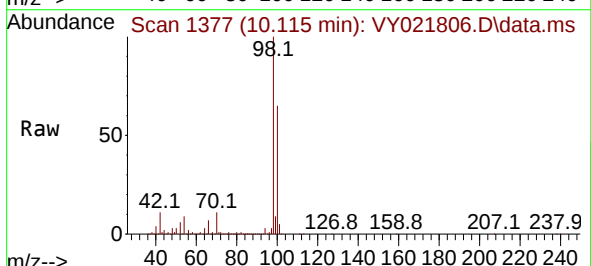
Acq: 09 Apr 2025 09:18

Tgt Ion: 98 Resp: 407183

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 262.818 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

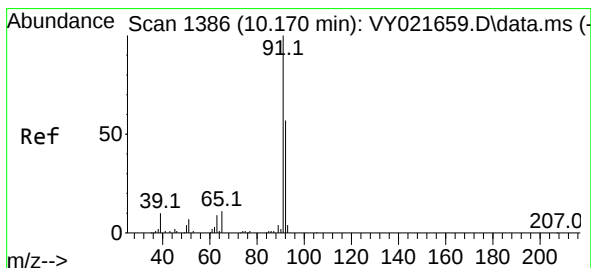
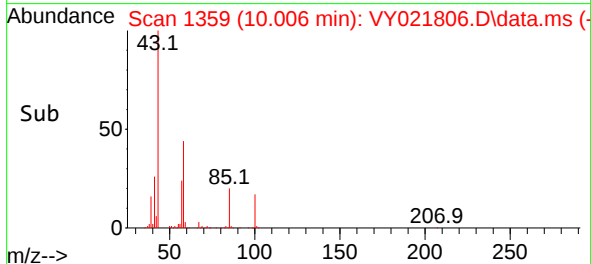
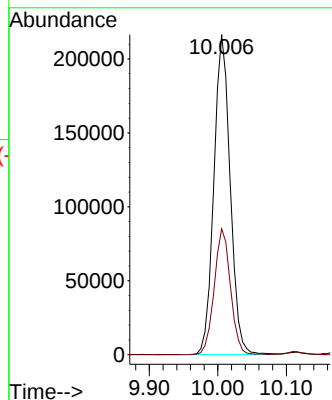
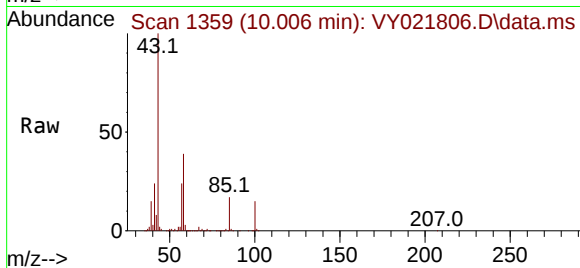
VSTDCCC050

Tgt Ion: 43 Resp: 358480

Ion Ratio Lower Upper

43 100

58 39.2 31.5 47.3



#52

Toluene

Concen: 57.164 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY021806.D

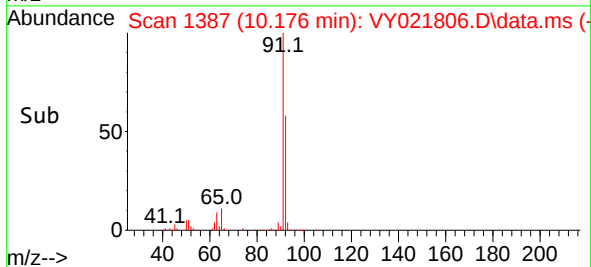
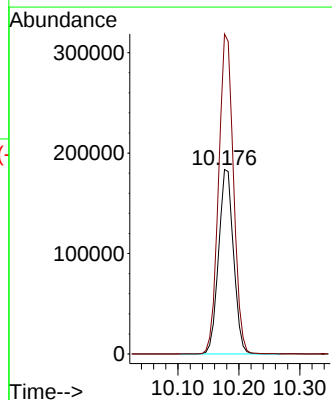
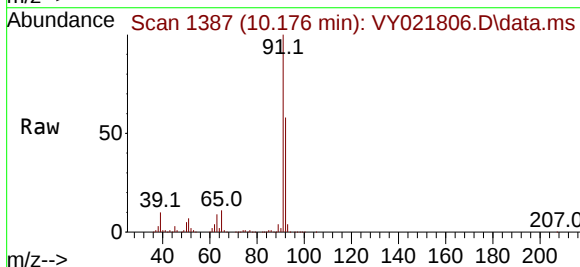
Acq: 09 Apr 2025 09:18

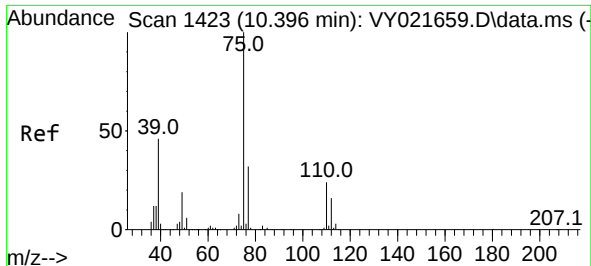
Tgt Ion: 92 Resp: 313015

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8

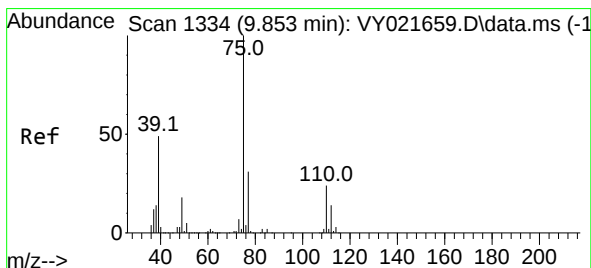
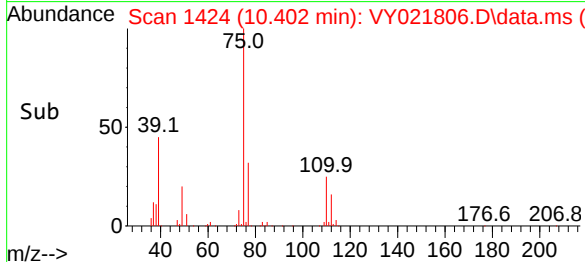
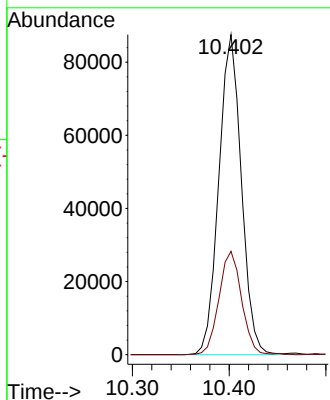
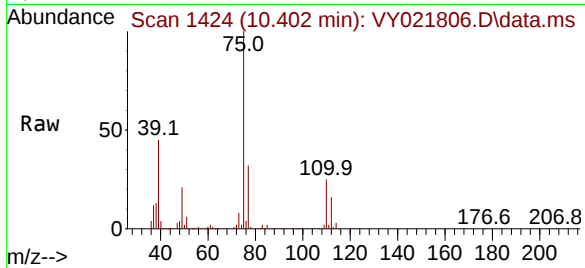




#53
 t-1,3-Dichloropropene
 Concen: 51.297 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

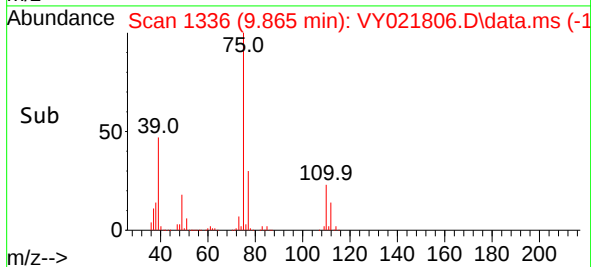
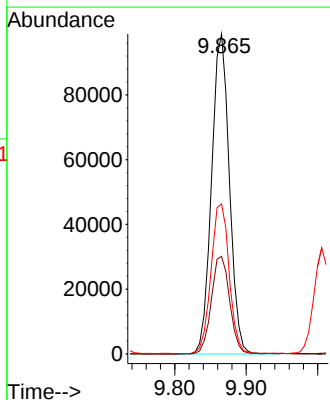
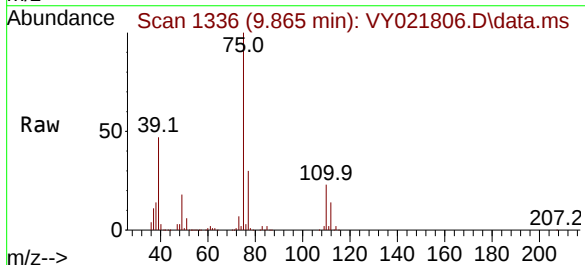
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

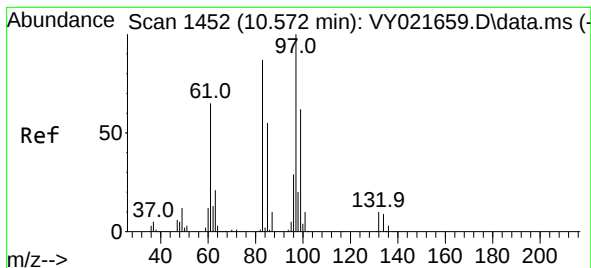
Tgt Ion: 75 Resp: 141355
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.441 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion: 75 Resp: 170477
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.9 37.3
 39 46.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 54.449 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 83893

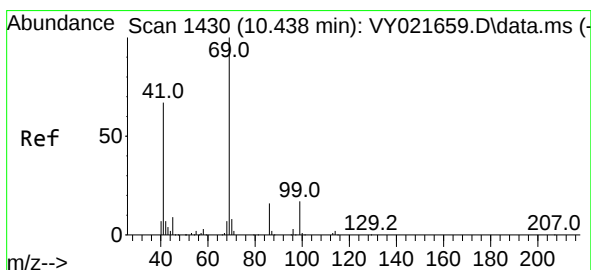
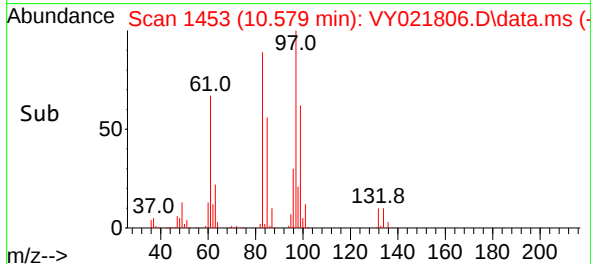
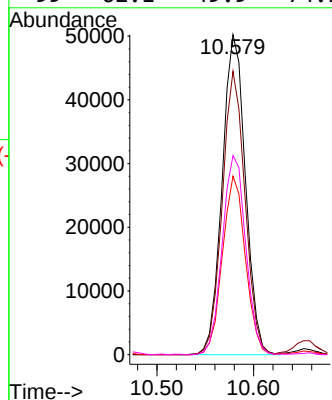
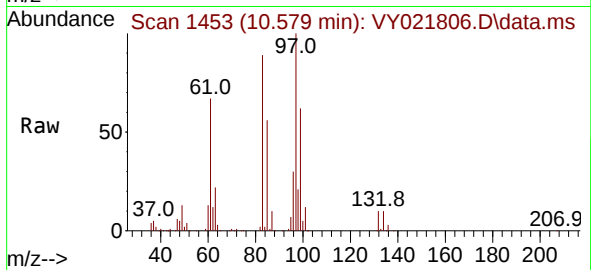
Ion Ratio Lower Upper

97 100

83 88.6 69.5 104.3

85 55.8 43.9 65.9

99 62.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 53.620 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

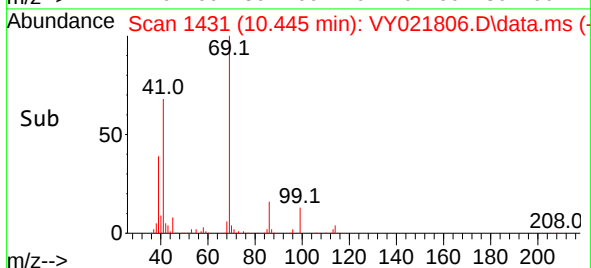
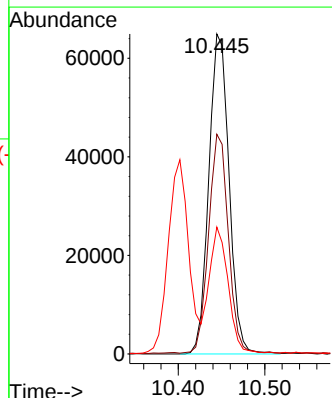
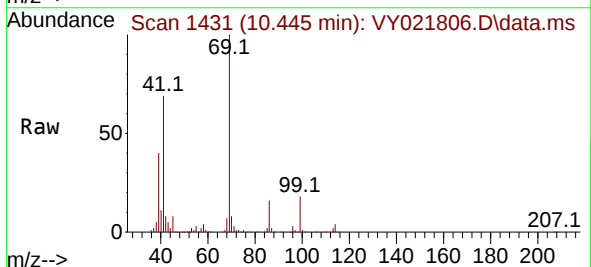
Tgt Ion: 69 Resp: 105491

Ion Ratio Lower Upper

69 100

41 66.5 53.8 80.6

39 36.6 29.6 44.4





#57

1,3-Dichloropropane

Concen: 53.912 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

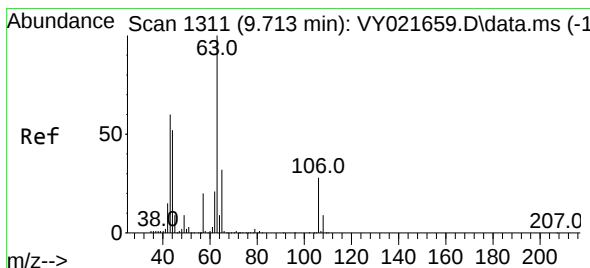
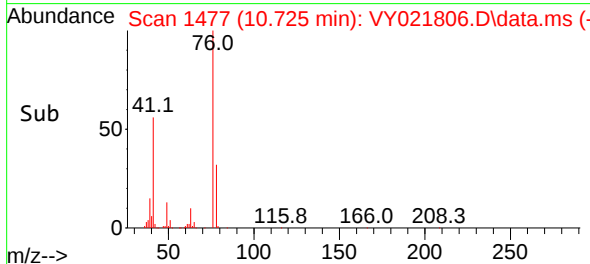
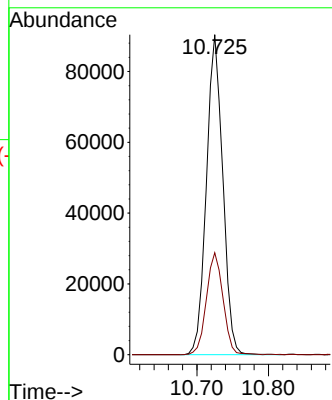
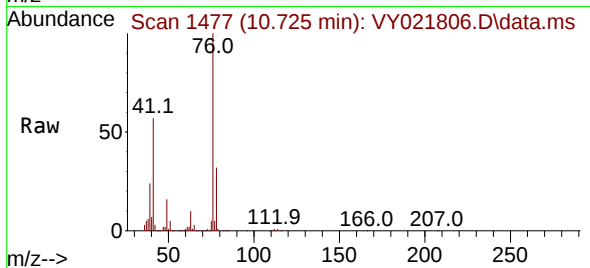
VSTDCCC050

Tgt Ion: 76 Resp: 143459

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 282.989 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021806.D

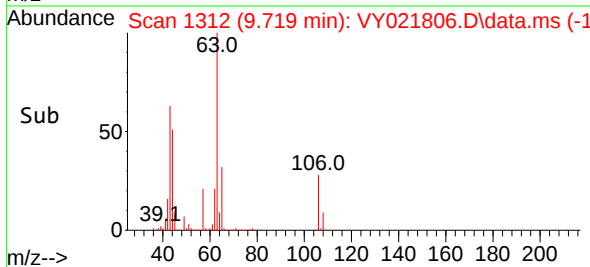
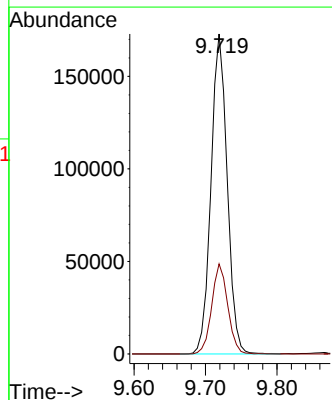
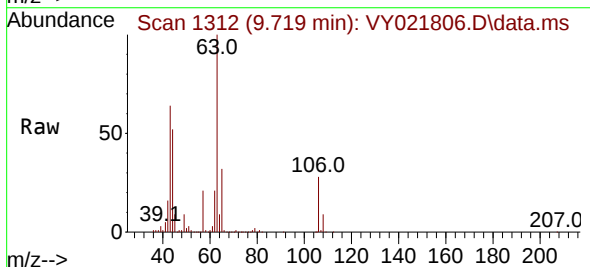
Acq: 09 Apr 2025 09:18

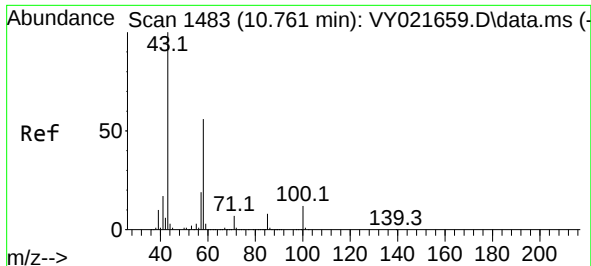
Tgt Ion: 63 Resp: 271598

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

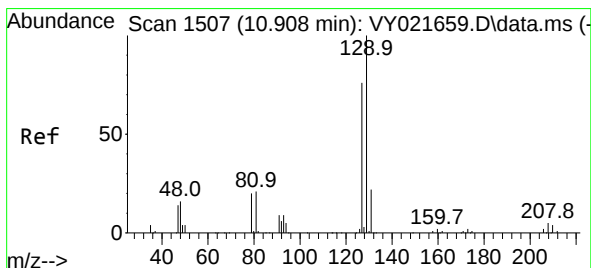
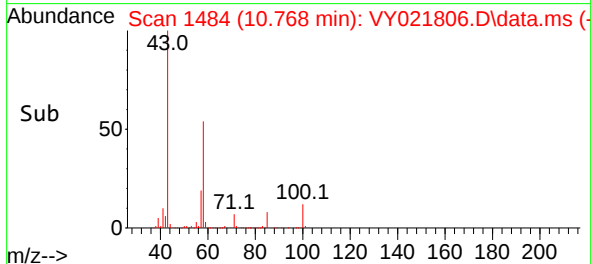
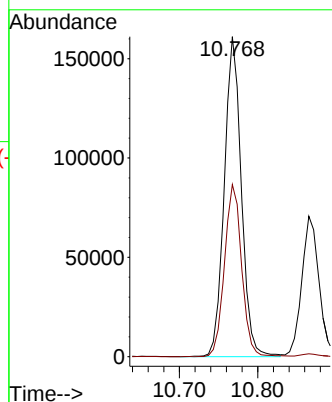
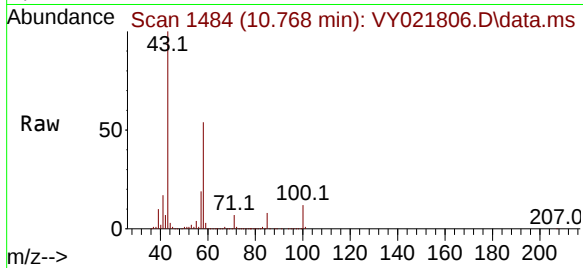




#59
2-Hexanone
Concen: 268.727 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

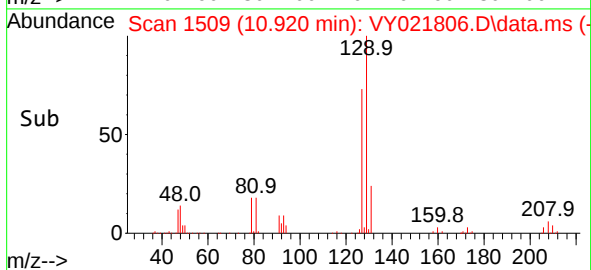
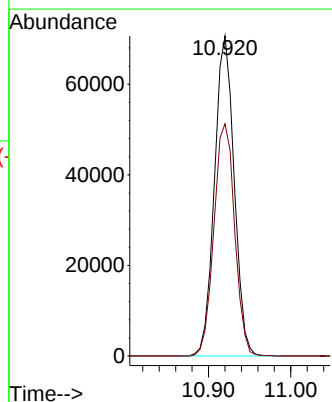
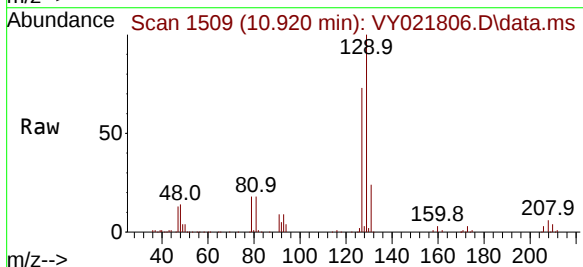
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

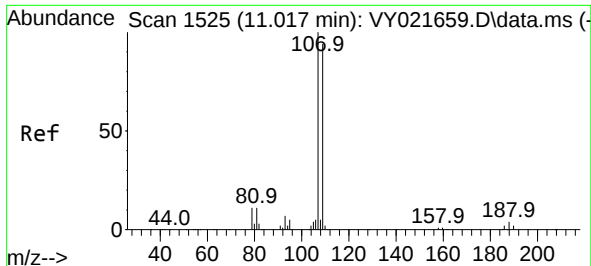
Tgt Ion: 43 Resp: 244109
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 55.911 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 129 Resp: 117616
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

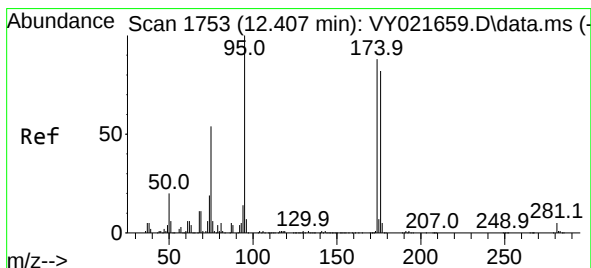
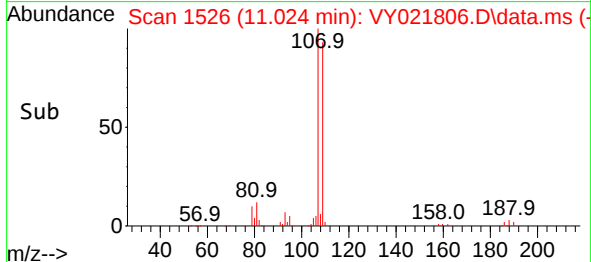
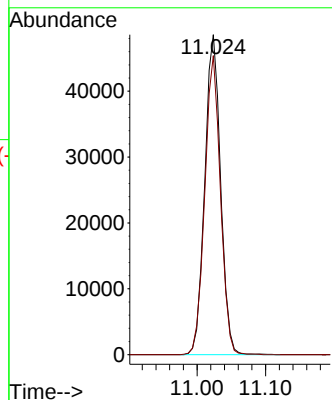
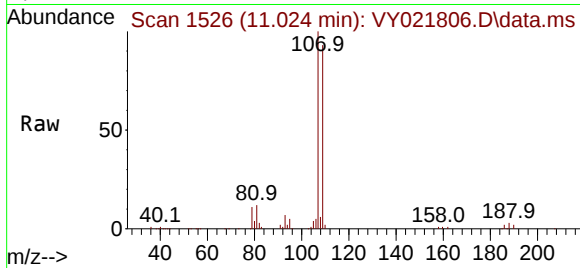




#61
1,2-Dibromoethane
Concen: 53.991 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

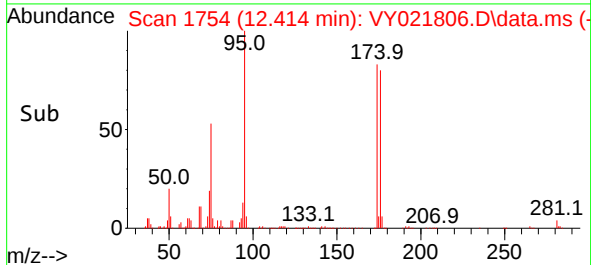
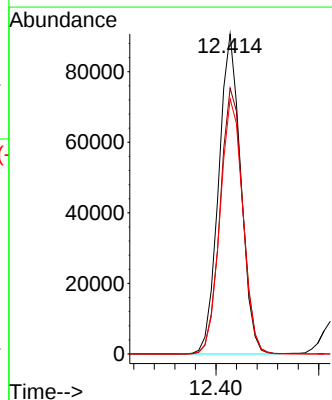
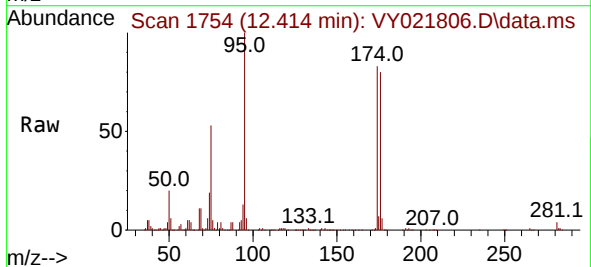
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

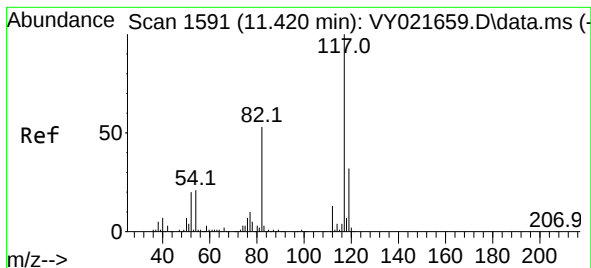
Tgt Ion:107 Resp: 78035
Ion Ratio Lower Upper
107 100
109 92.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.569 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 95 Resp: 135105
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.8
176 82.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

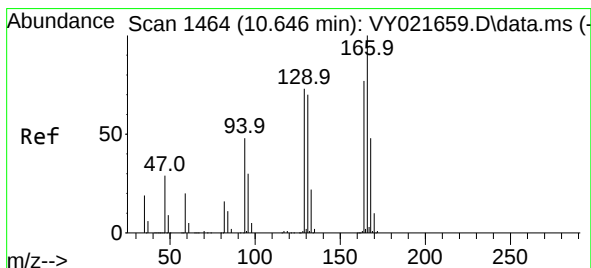
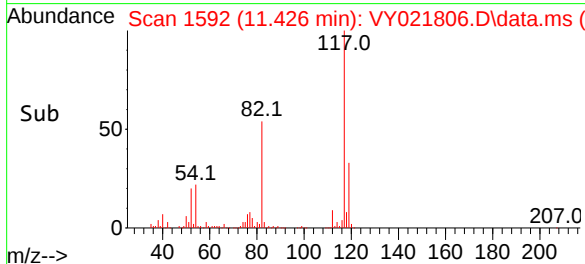
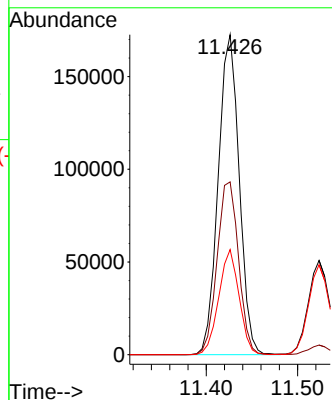
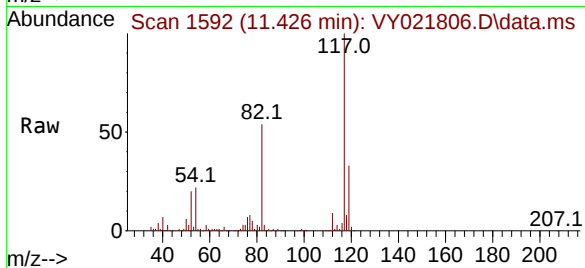
Tgt Ion:117 Resp: 275942

Ion Ratio Lower Upper

117 100

82 54.0 42.8 64.2

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 59.576 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Tgt Ion:164 Resp: 149726

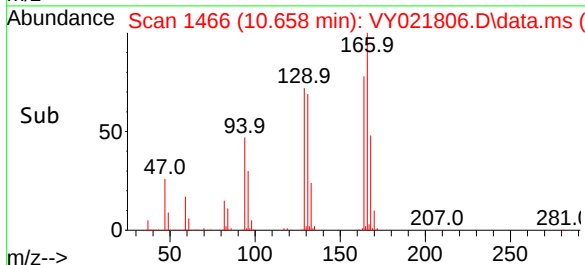
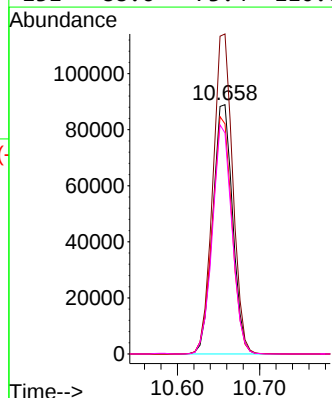
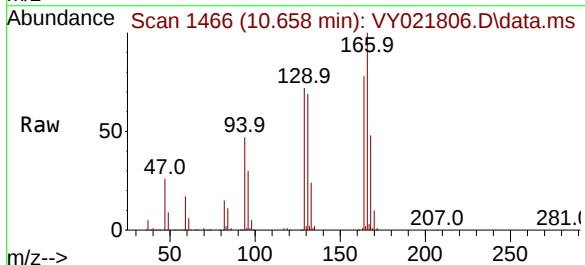
Ion Ratio Lower Upper

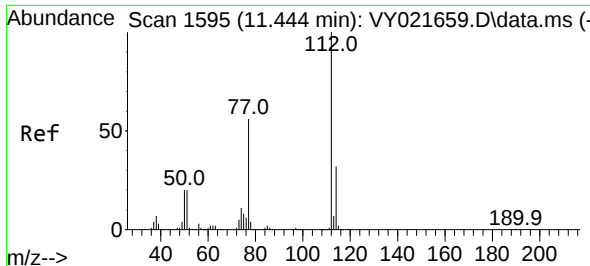
164 100

166 128.4 104.6 156.8

129 92.3 76.6 114.8

131 88.6 73.4 110.0

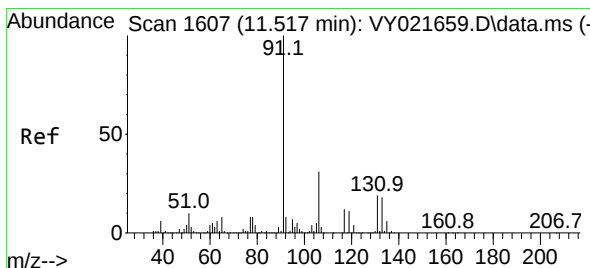
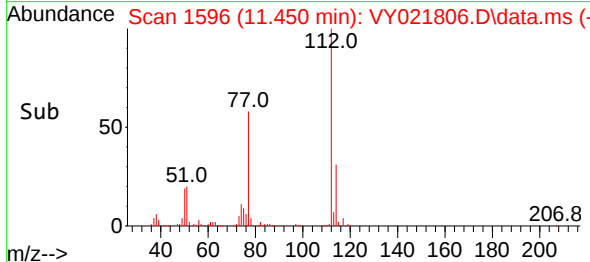
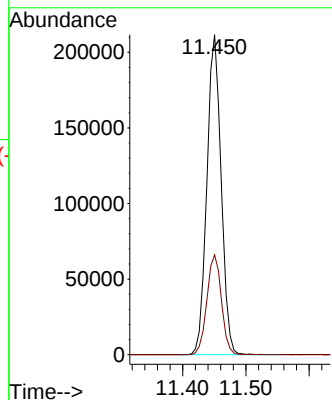
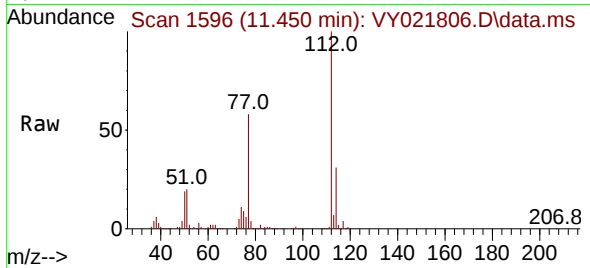




#65
Chlorobenzene
Concen: 52.430 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

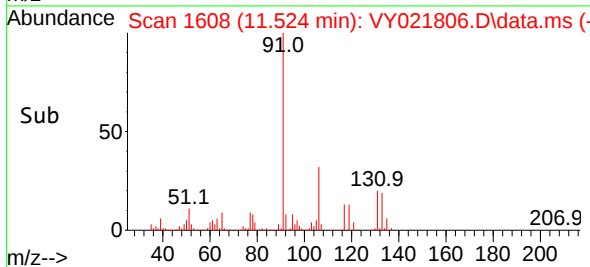
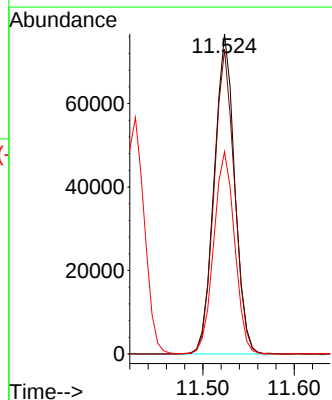
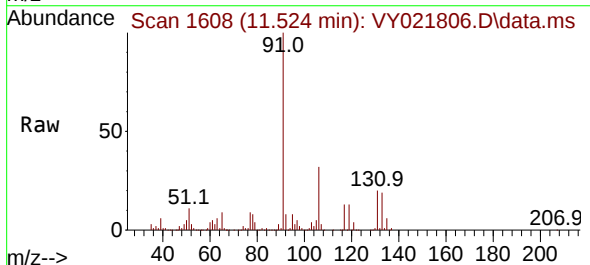
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

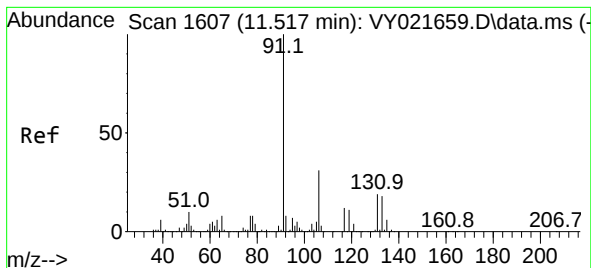
Tgt Ion:112 Resp: 331646
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.163 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion:131 Resp: 119312
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 64.6 31.6 95.0





#67

Ethyl Benzene

Concen: 54.770 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

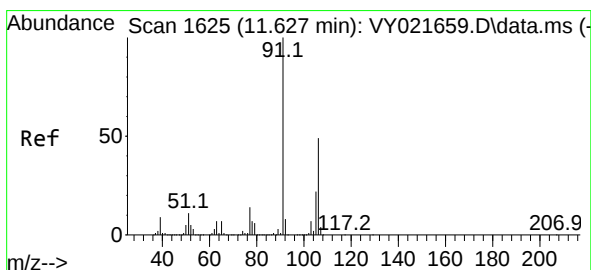
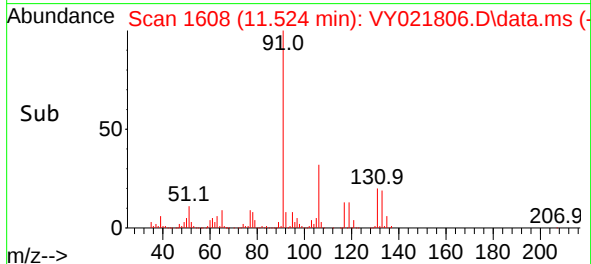
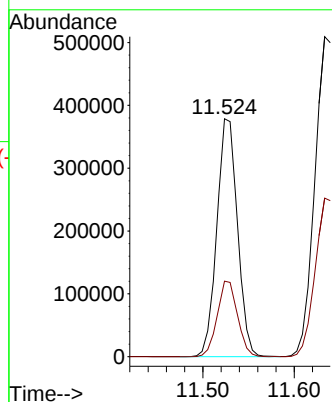
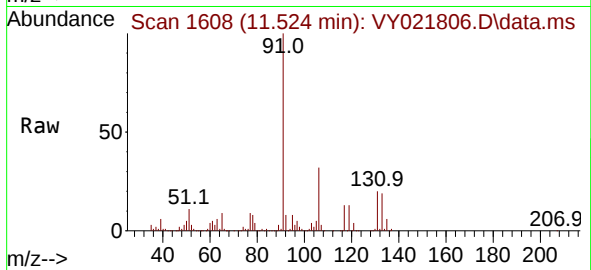
VSTDCCC050

Tgt Ion: 91 Resp: 594083

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 111.123 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021806.D

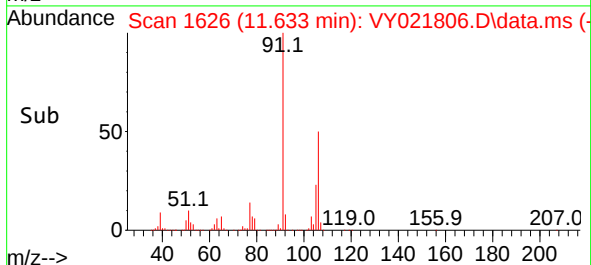
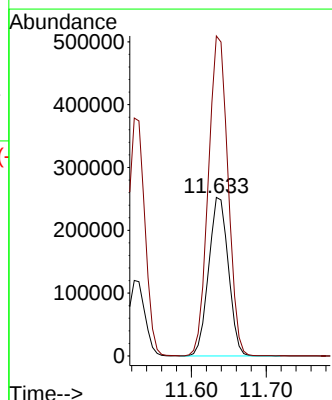
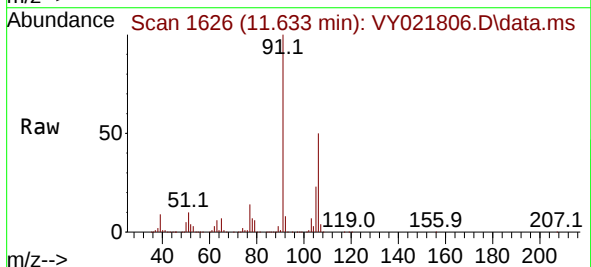
Acq: 09 Apr 2025 09:18

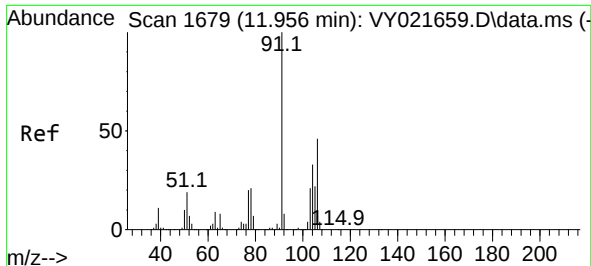
Tgt Ion: 106 Resp: 461554

Ion Ratio Lower Upper

106 100

91 201.5 162.4 243.6

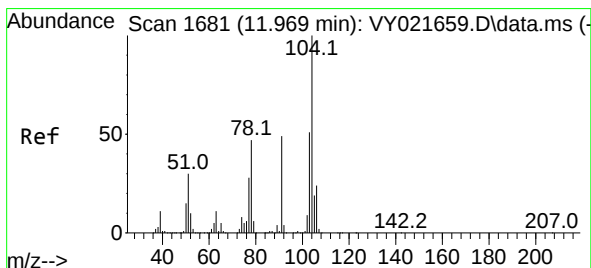
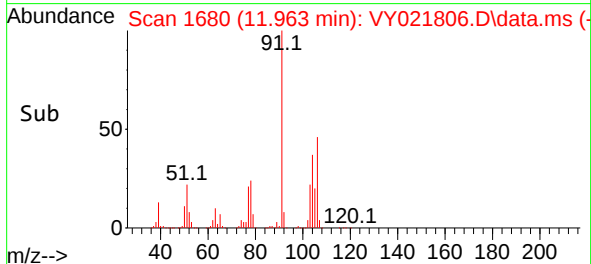
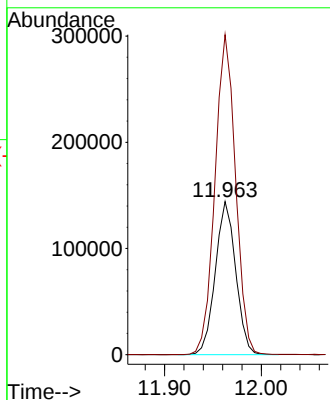
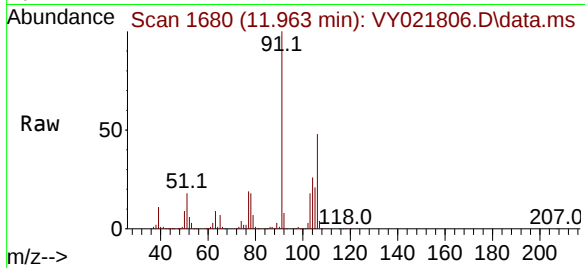




#69
o-Xylene
Concen: 55.072 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

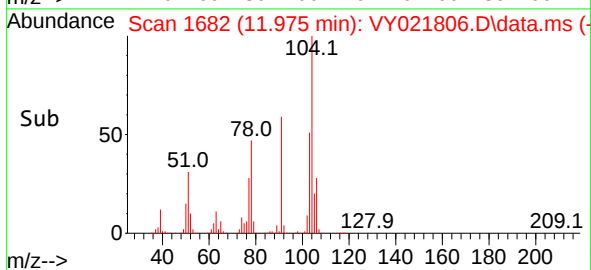
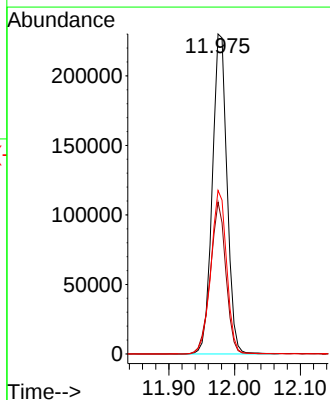
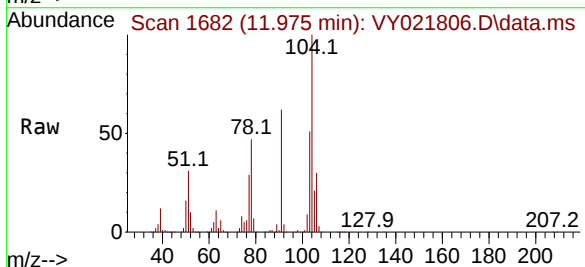
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 211149
Ion Ratio Lower Upper
106 100
91 211.0 106.7 319.9



#70
Styrene
Concen: 56.151 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion:104 Resp: 358954
Ion Ratio Lower Upper
104 100
78 50.0 40.8 61.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 52.084 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

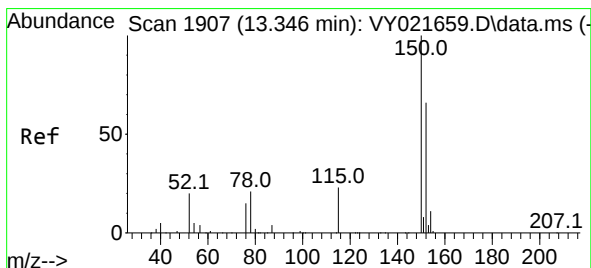
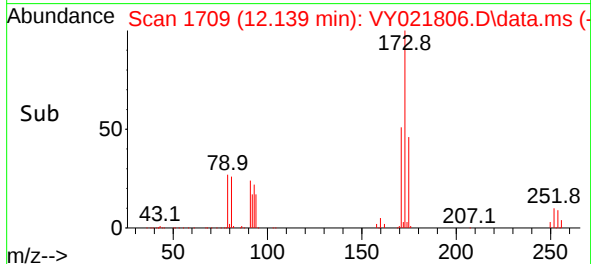
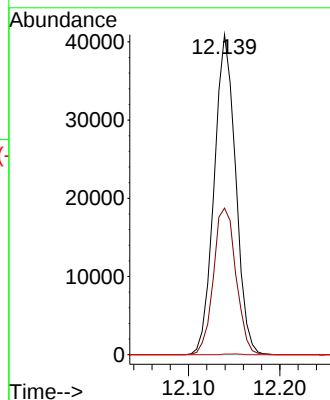
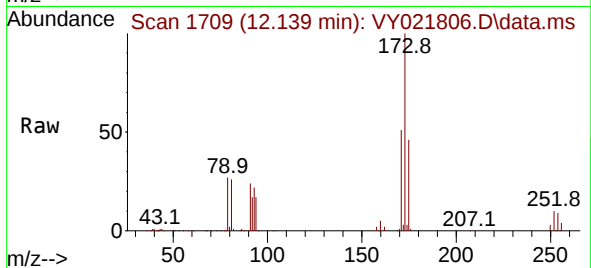
Tgt Ion:173 Resp: 66677

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

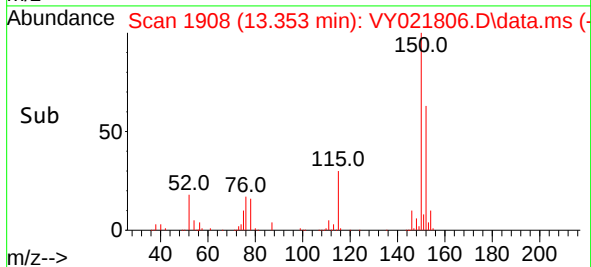
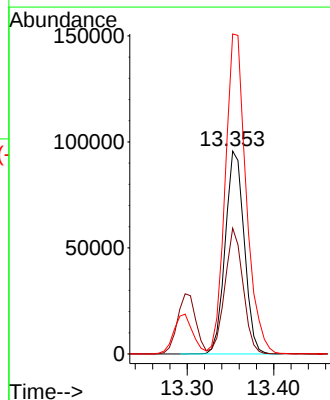
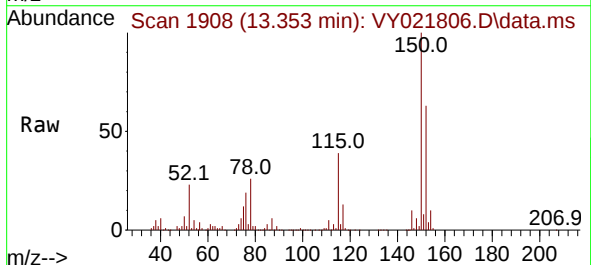
Tgt Ion:152 Resp: 145705

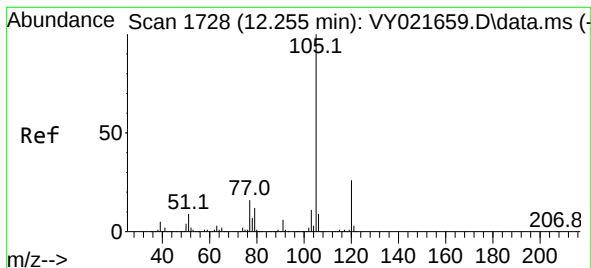
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 173.5 0.0 348.4





#73

Isopropylbenzene

Concen: 52.039 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

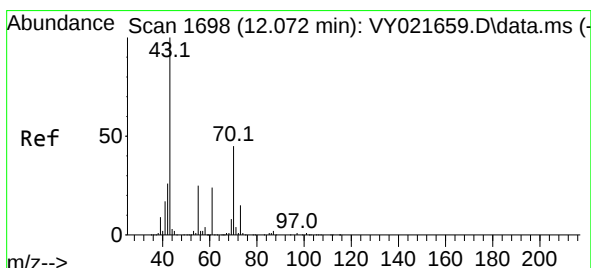
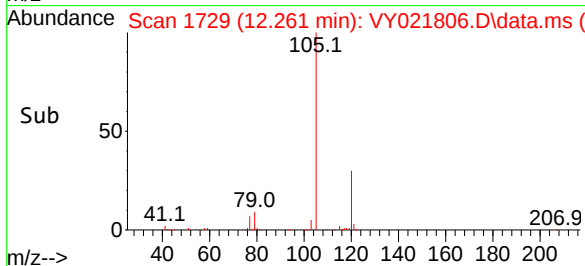
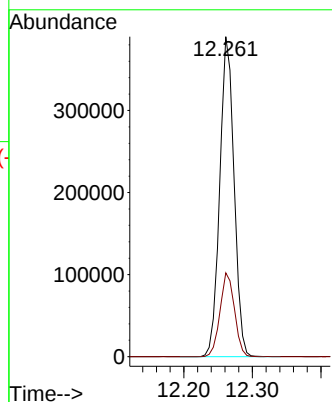
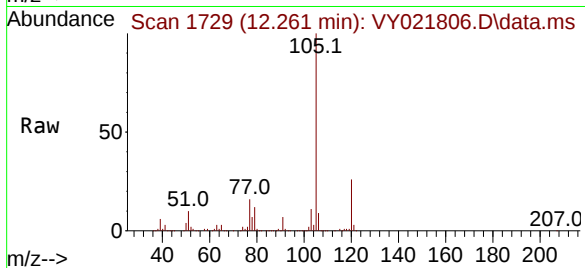
VSTDCCC050

Tgt Ion:105 Resp: 563165

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-amy1 acetate

Concen: 45.662 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Tgt Ion: 43 Resp: 115974

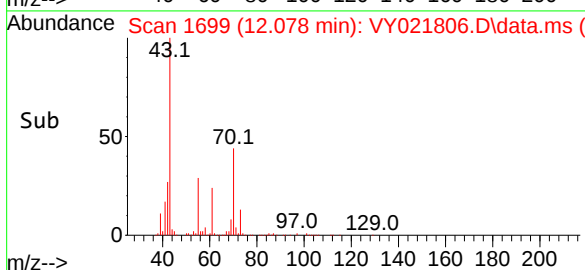
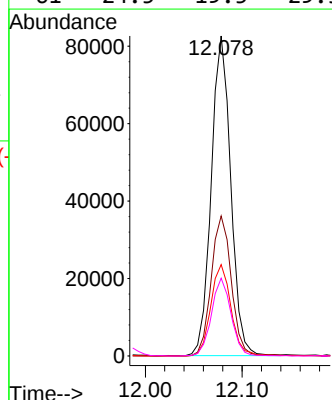
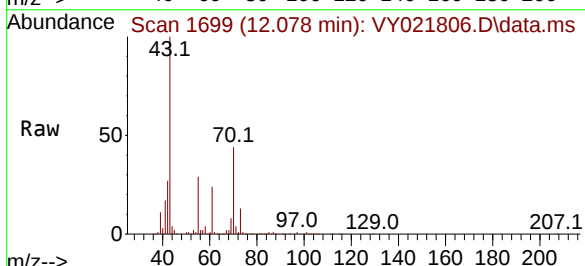
Ion Ratio Lower Upper

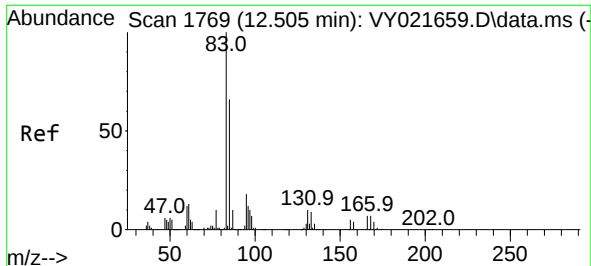
43 100

70 44.9 34.7 52.1

55 29.8 21.2 31.8

61 24.5 19.5 29.3

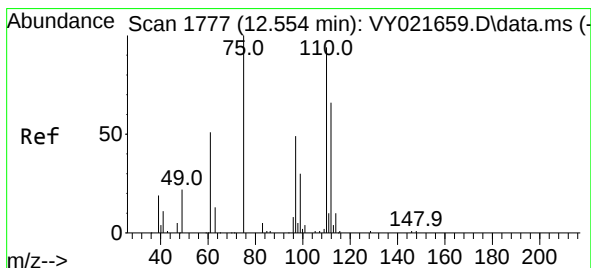
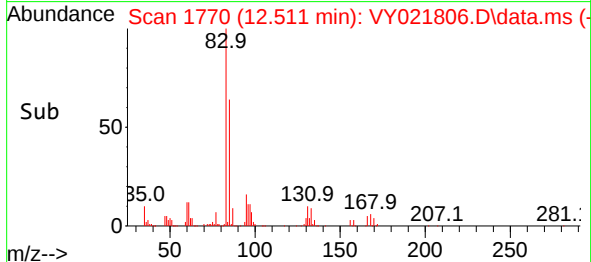
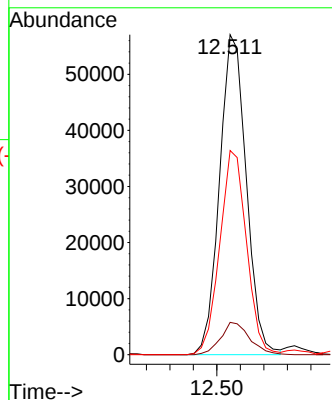
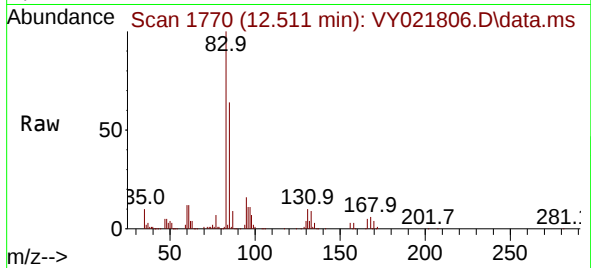




#75
1,1,2,2-Tetrachloroethane
Concen: 46.358 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

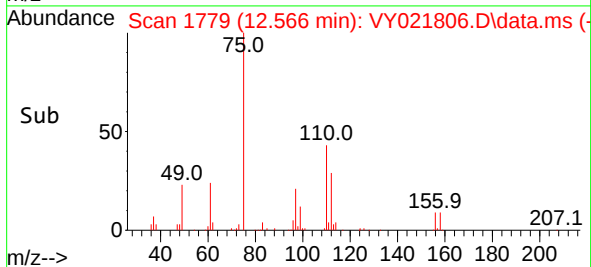
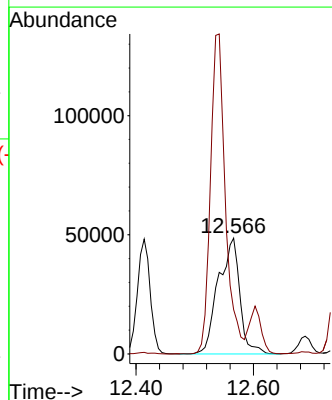
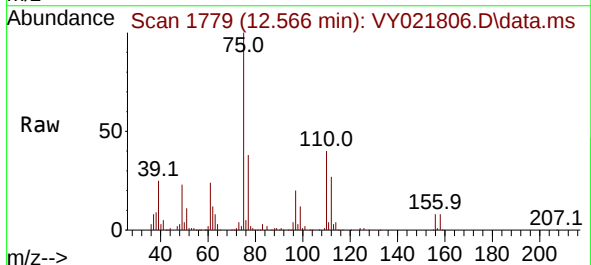
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

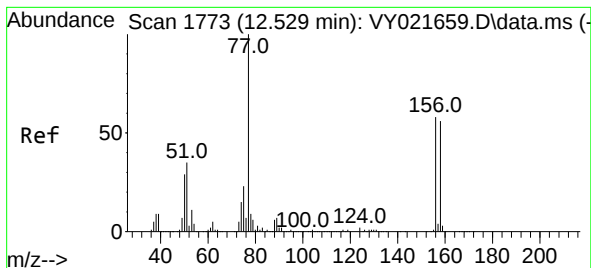
Tgt Ion: 83 Resp: 90199
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 85.714 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 75 Resp: 123798
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.463 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

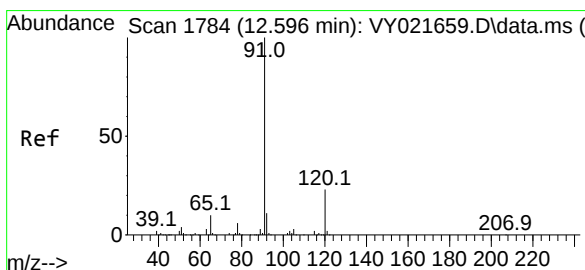
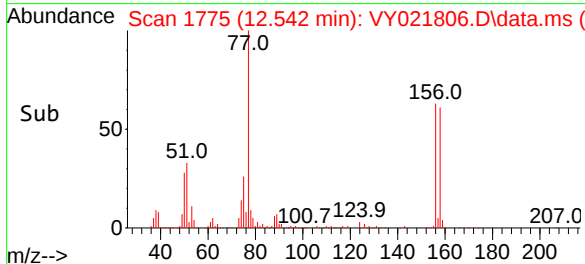
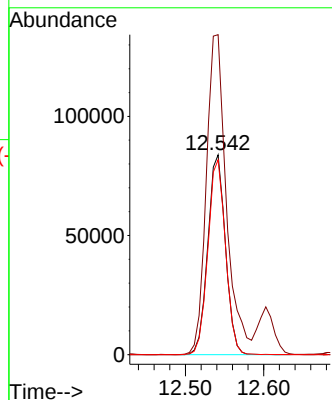
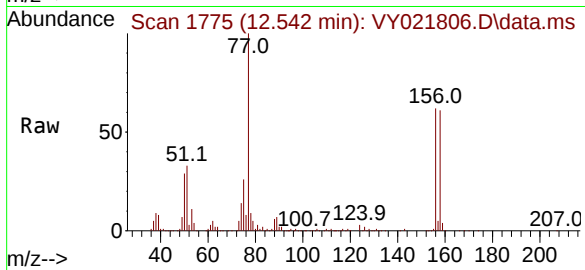
Tgt Ion:156 Resp: 131122

Ion Ratio Lower Upper

156 100

77 182.4 92.8 278.3

158 97.5 48.5 145.6



#78

n-propylbenzene

Concen: 53.563 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY021806.D

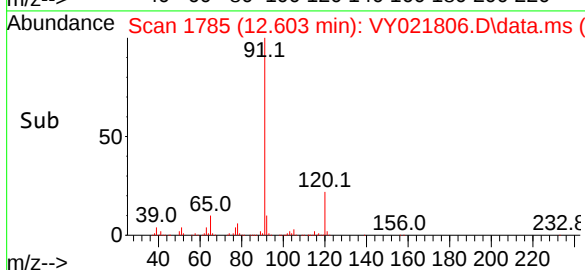
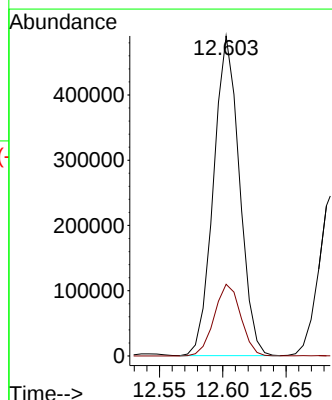
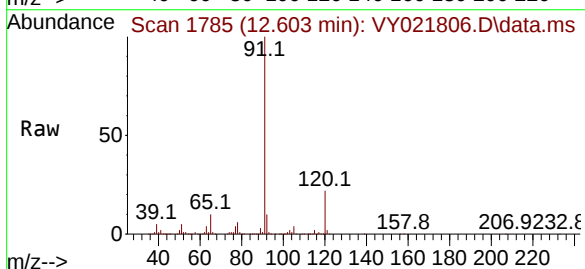
Acq: 09 Apr 2025 09:18

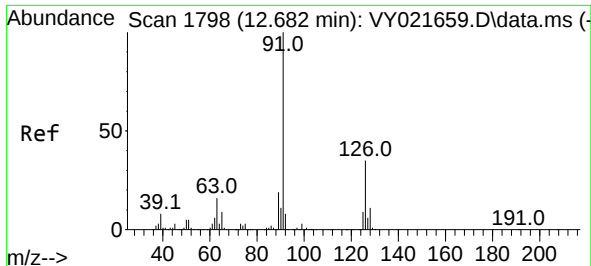
Tgt Ion: 91 Resp: 696894

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9

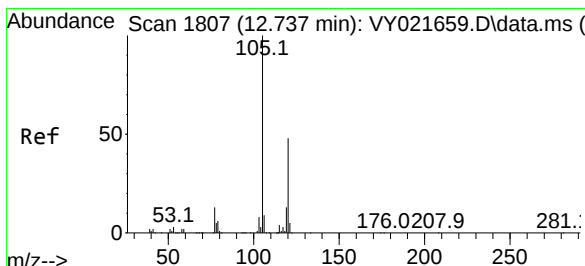
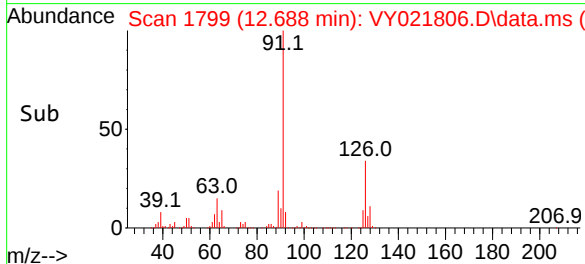
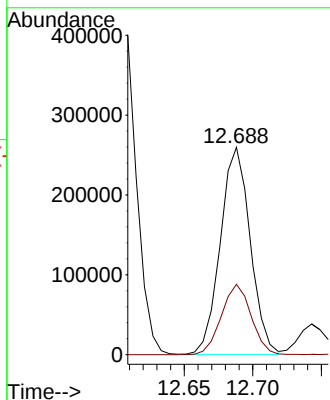
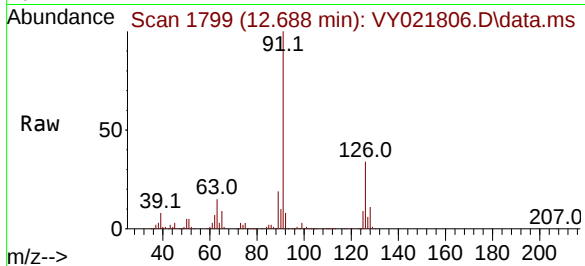




#79
2-Chlorotoluene
Concen: 52.017 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

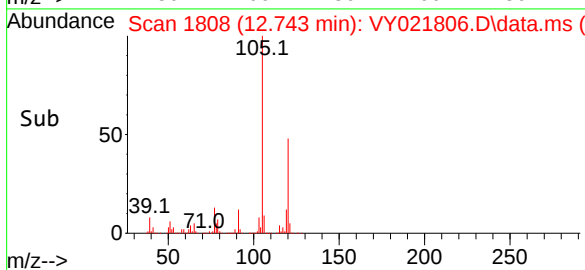
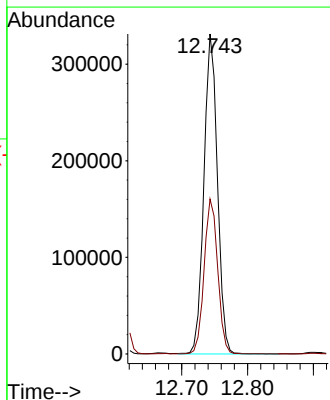
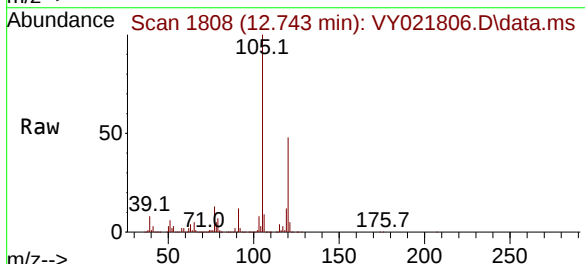
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

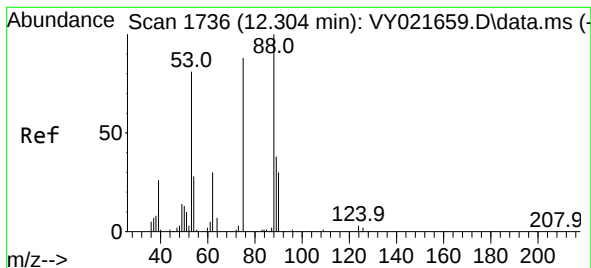
Tgt Ion: 91 Resp: 393083
Ion Ratio Lower Upper
91 100
126 33.8 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 53.393 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 105 Resp: 472250
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5

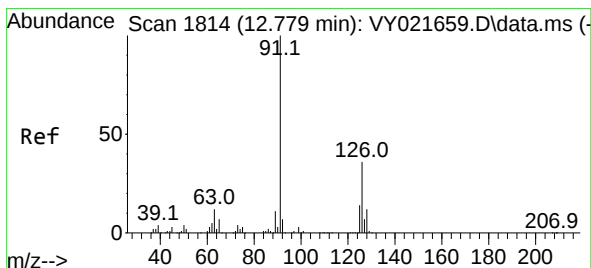
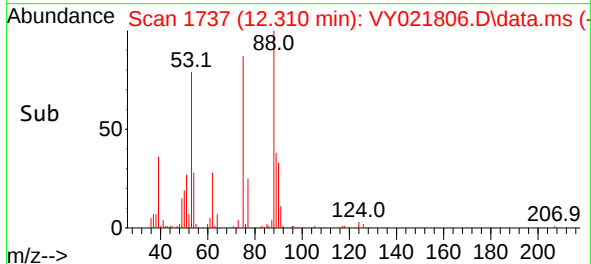
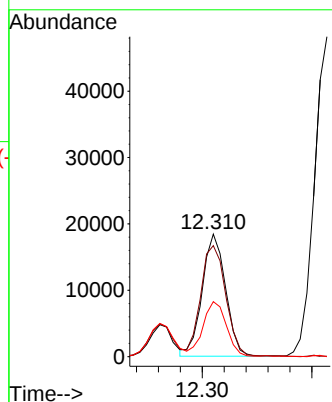
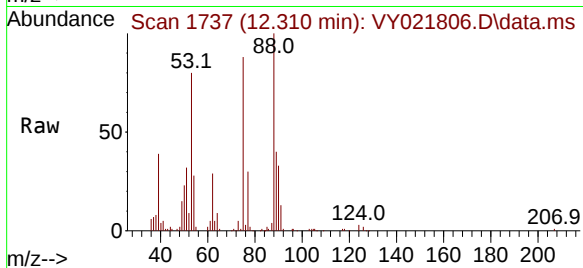




#81
trans-1,4-Dichloro-2-butene
Concen: 43.521 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

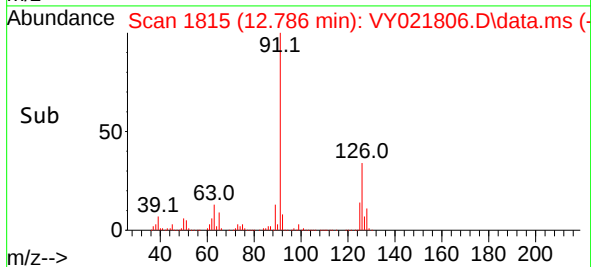
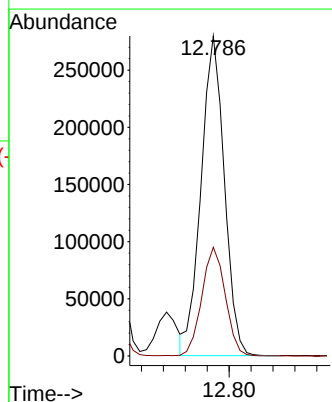
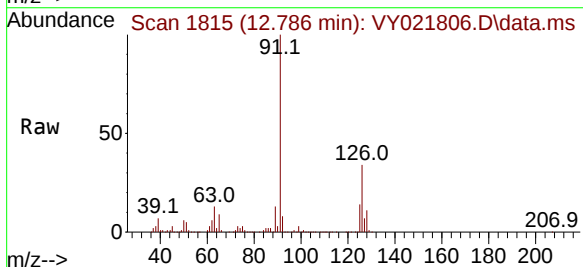
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

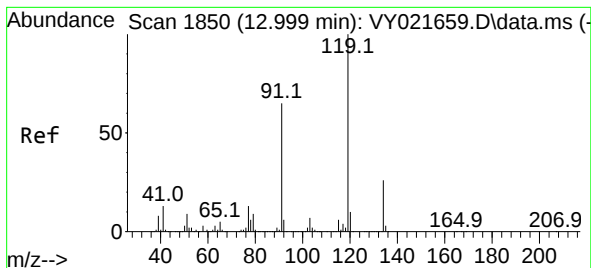
Tgt Ion: 75 Resp: 27280
Ion Ratio Lower Upper
75 100
53 98.2 76.1 114.1
89 44.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 52.341 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion: 91 Resp: 412362
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.504 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

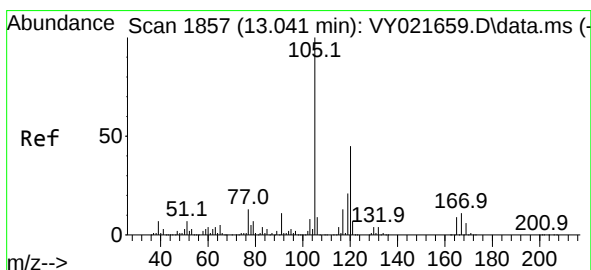
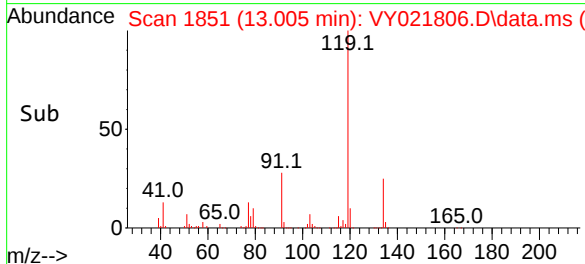
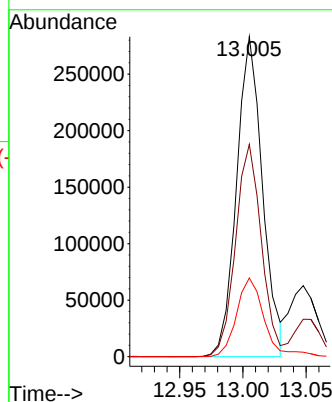
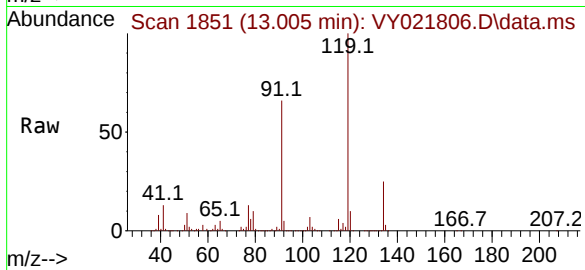
Tgt Ion:119 Resp: 405750

Ion Ratio Lower Upper

119 100

91 65.8 32.6 97.7

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 53.969 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.012 min

Lab File: VY021806.D

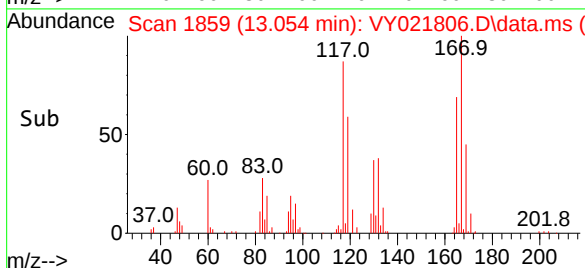
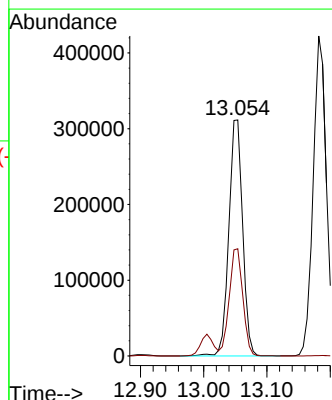
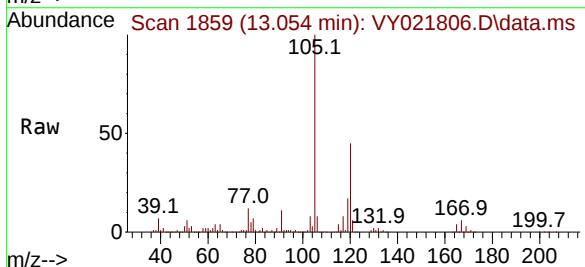
Acq: 09 Apr 2025 09:18

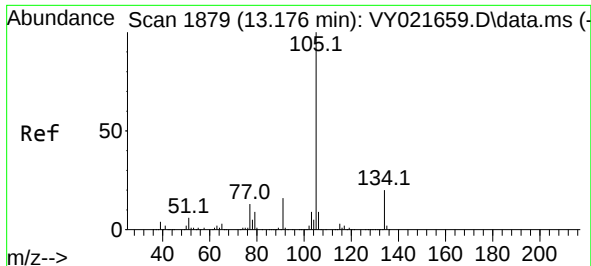
Tgt Ion:105 Resp: 471787

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1

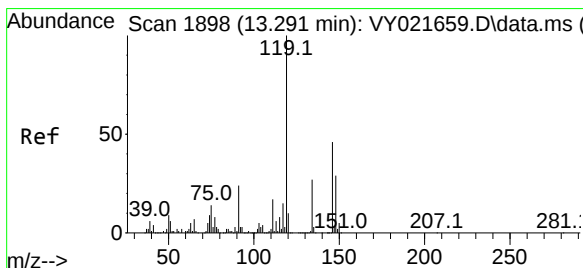
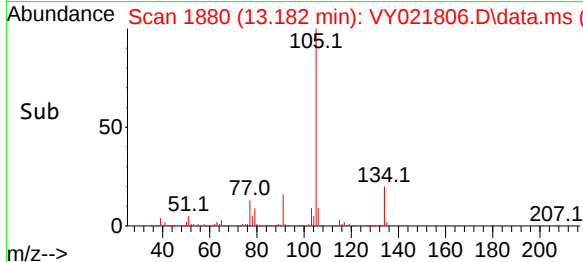
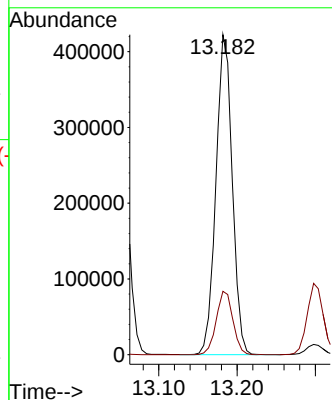
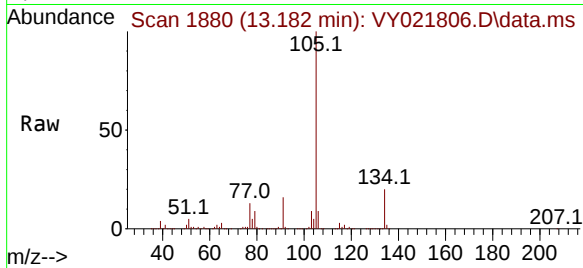




#85
 sec-Butylbenzene
 Concen: 53.061 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

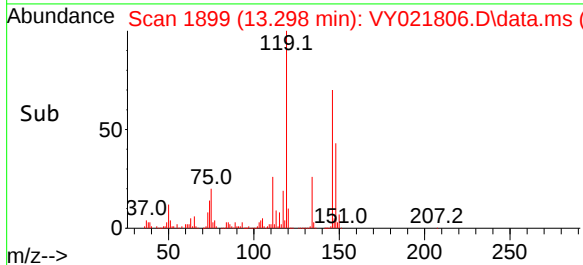
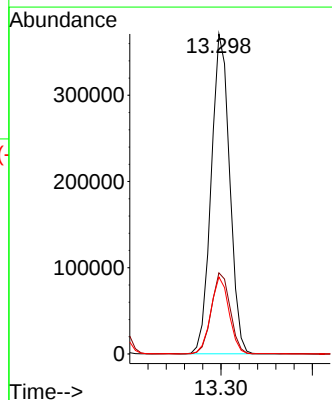
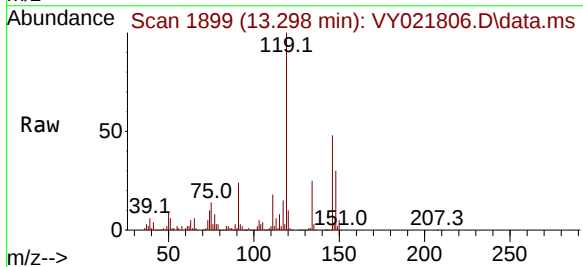
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

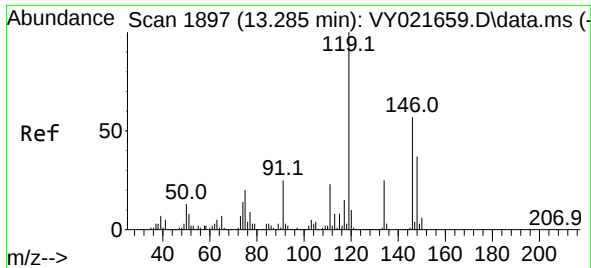
Tgt Ion:105 Resp: 610883
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.581 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion:119 Resp: 519365
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.7 12.0 36.0

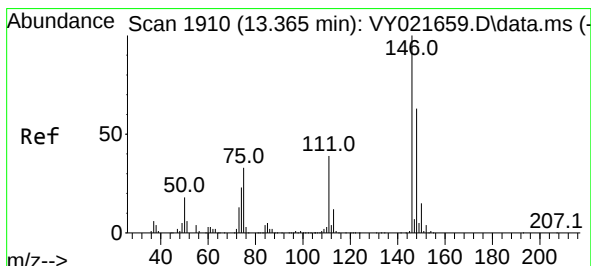
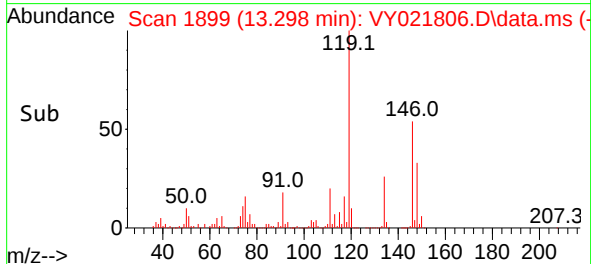
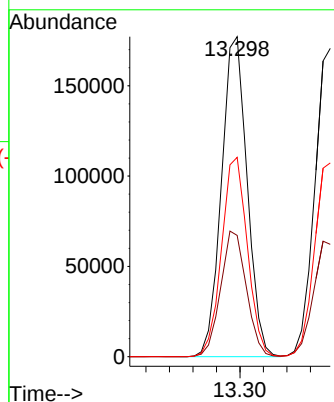
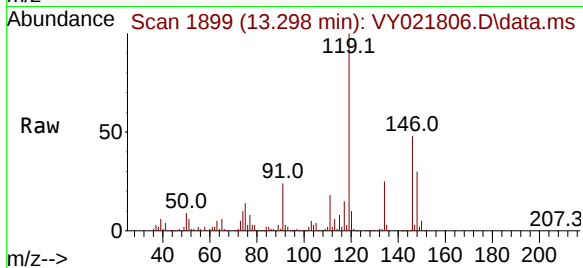




#87
1,3-Dichlorobenzene
Concen: 52.521 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

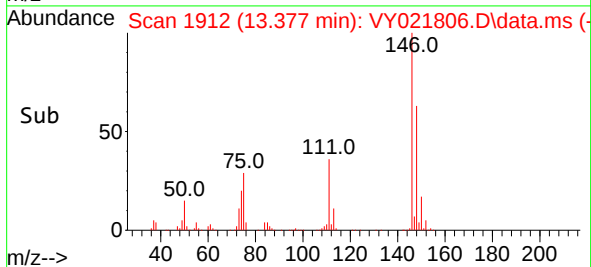
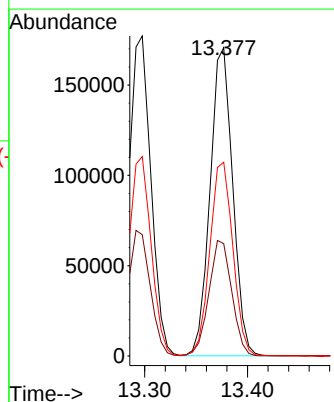
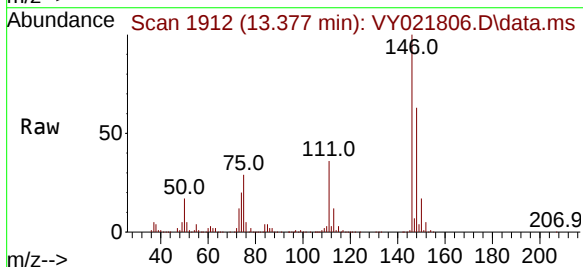
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

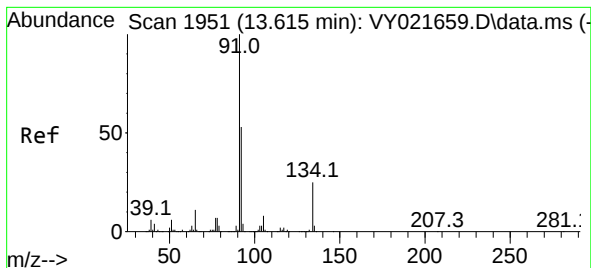
Tgt Ion:146 Resp: 268870
Ion Ratio Lower Upper
146 100
111 39.4 20.0 60.0
148 62.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 51.681 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.012 min
Lab File: VY021806.D
Acq: 09 Apr 2025 09:18

Tgt Ion:146 Resp: 261396
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 52.851 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

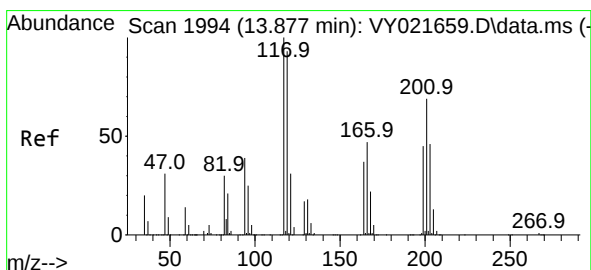
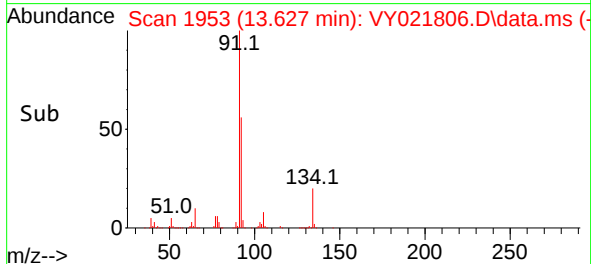
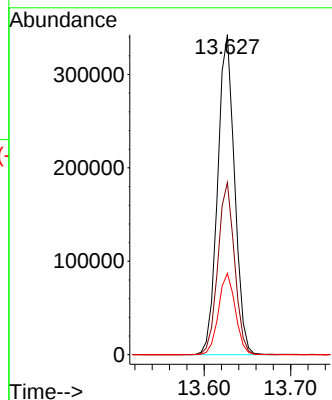
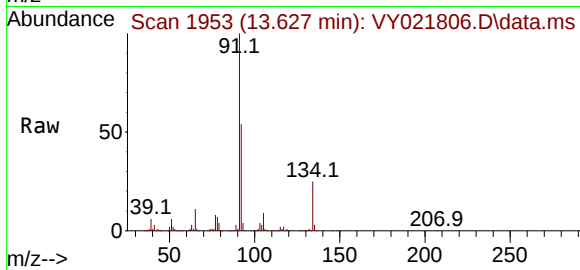
Tgt Ion: 91 Resp: 465093

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.3 12.8 38.4



#90

Hexachloroethane

Concen: 48.783 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY021806.D

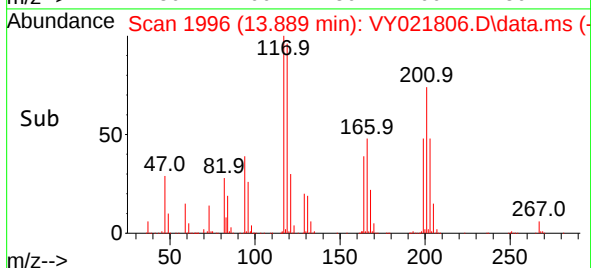
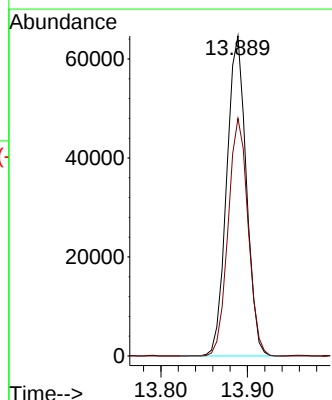
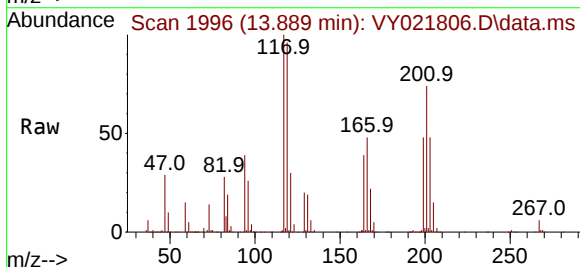
Acq: 09 Apr 2025 09:18

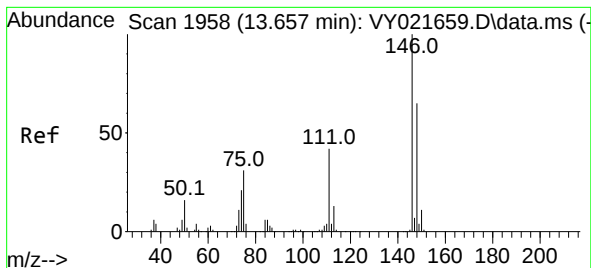
Tgt Ion: 117 Resp: 101723

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 52.519 ug/l

RT: 13.670 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

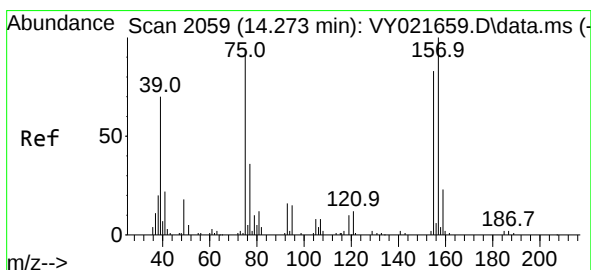
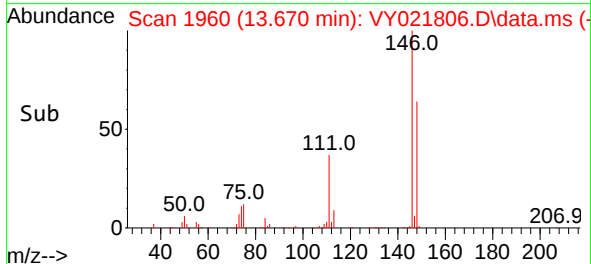
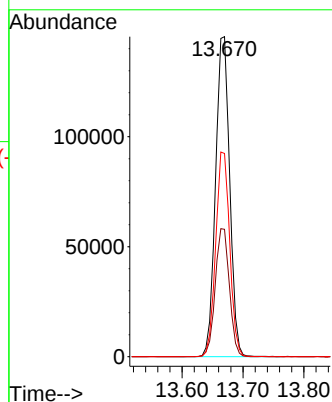
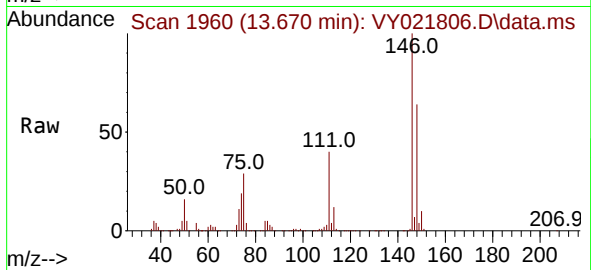
Tgt Ion:146 Resp: 234045

Ion Ratio Lower Upper

146 100

111 40.1 20.7 62.1

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.314 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

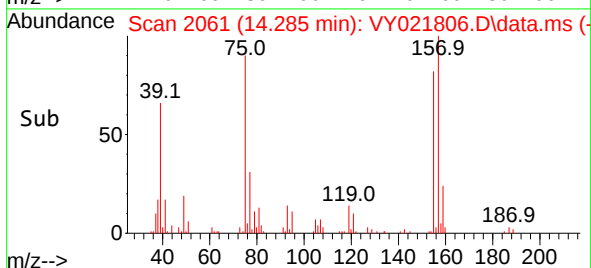
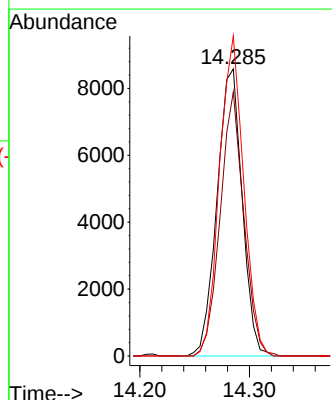
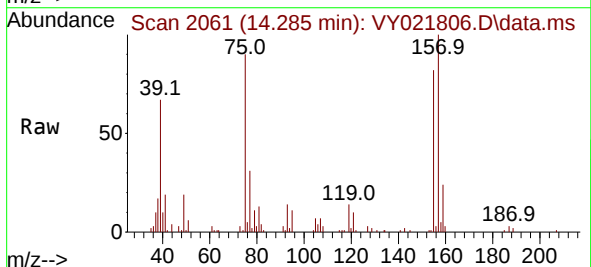
Tgt Ion: 75 Resp: 13665

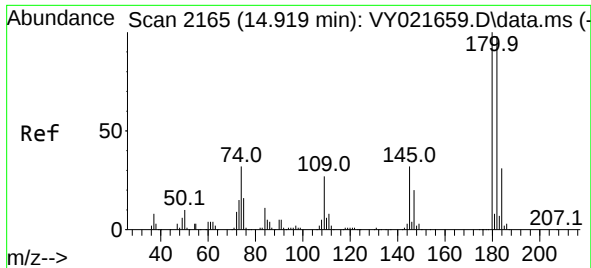
Ion Ratio Lower Upper

75 100

155 86.1 43.0 128.8

157 107.0 54.0 162.0

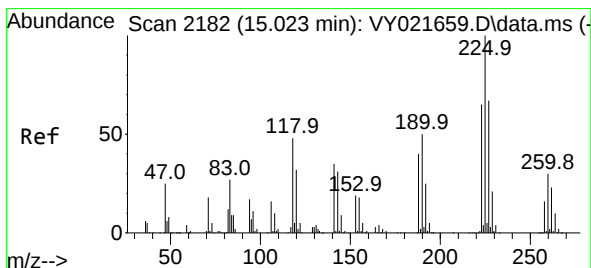
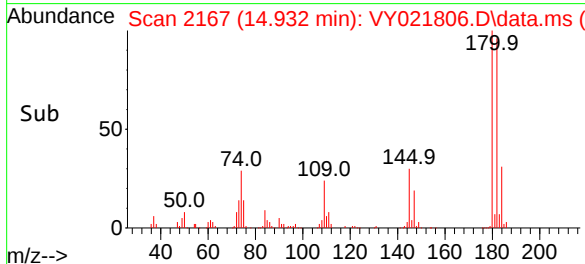
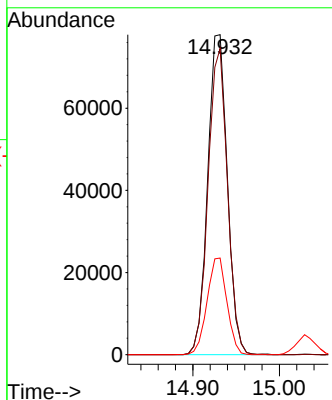
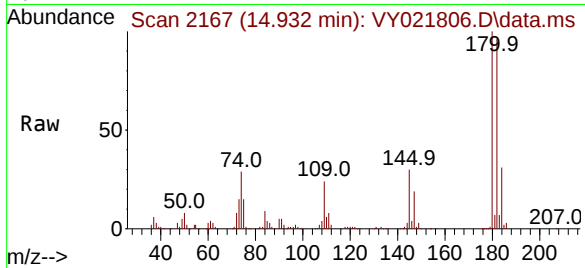




#93
 1,2,4-Trichlorobenzene
 Concen: 50.774 ug/l
 RT: 14.932 min Scan# 2167
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

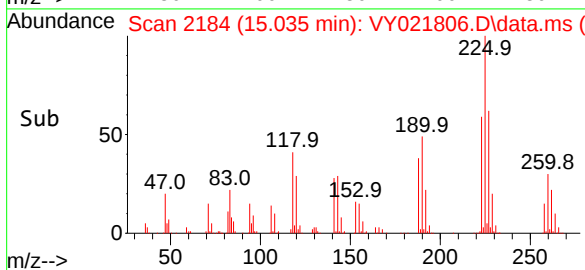
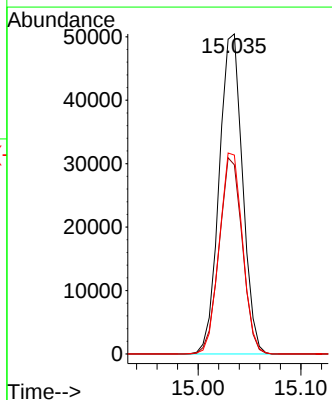
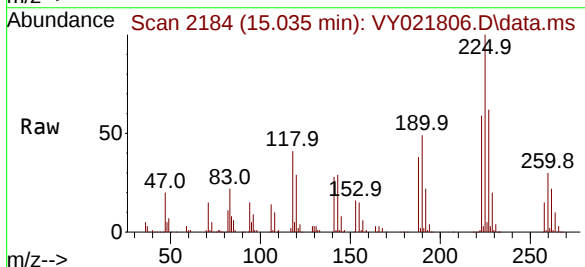
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

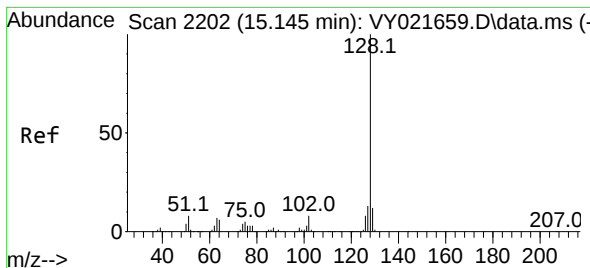
Tgt Ion:180 Resp: 122704
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 30.5 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 52.652 ug/l
 RT: 15.035 min Scan# 2184
 Delta R.T. 0.012 min
 Lab File: VY021806.D
 Acq: 09 Apr 2025 09:18

Tgt Ion:225 Resp: 79468
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.9 95.7
 227 62.5 32.4 97.0





#95

Naphthalene

Concen: 49.040 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

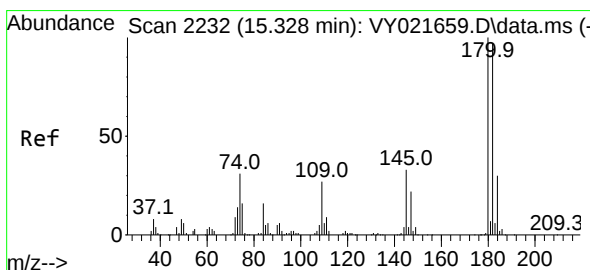
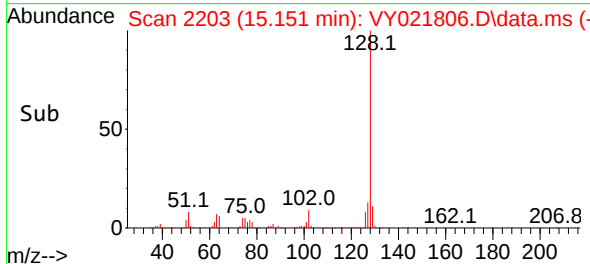
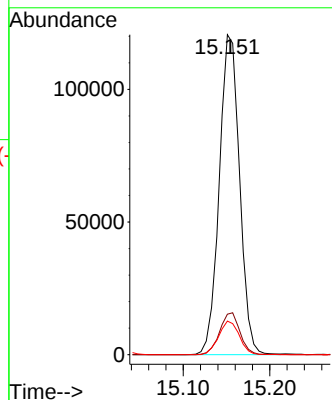
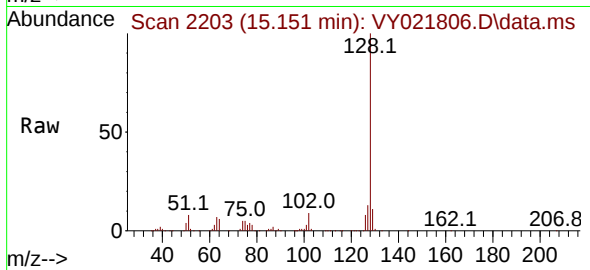
Tgt Ion:128 Resp: 196441

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.561 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY021806.D

Acq: 09 Apr 2025 09:18

Tgt Ion:180 Resp: 104196

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 32.2 15.9 47.7

